



# COMUNE DI QUARRATA

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## LAVORI DI "RIQUALIFICAZIONE E RISTRUTTURAZIONE DEL CAMPO SPORTIVO SUSSIDIARIO DELLO STADIO COMUNALE "F. Raciti" DI QUARRATA, CON REALIZZAZIONE DI NUOVI SPOGLIATOI E DI NUOVO MANTO IN ERBA SINTETICA

**STRUTTURE**  
**Relazione**

**Elaborato**  
**STR\_RA9.3**

**Scala -**

**R.U.P.**  
**Arch. Francesco Tronci**



Progetto Architettonico  
Dr. Arch. PAOLO PETTENE  
Dr. Arch. MARCO BIAGINI

Progetto Strutture  
Dr. Ing. SARA MONTI

Progetto Impianti  
Dr. Ing. MARCO MEONI  
P.I. GIOVANNI MARTINI

Coordinamento della Sicurezza  
Dr. Ing. ELENA DUCCI

Studi Geologici  
Dr. Geol. GADDO MANNORI

## PROGETTO ESECUTIVO

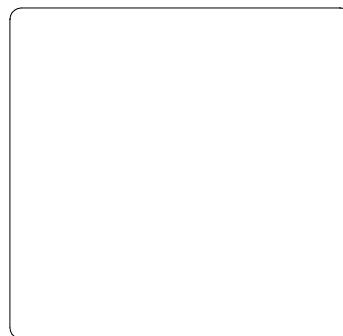
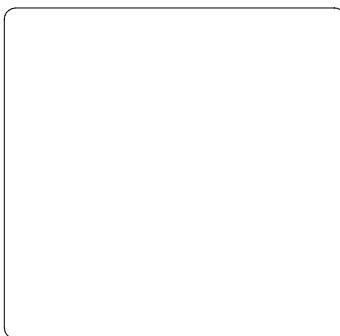
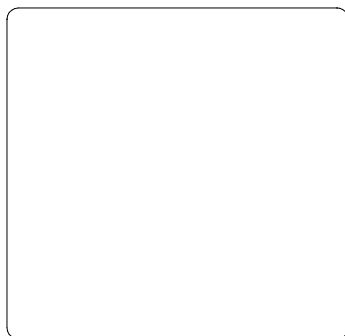
**TIPO DI ELABORATO** **FASCICOLO DEI CALCOLI  
PLATEA DI FONDAZIONE**

ARCH. P. PETTENE & PARTNERS

Dott. Arch. Marco Biagini

D-SIDE STUDIO ASSOCIATI

MANNORI & ASSOCIATI



**R.T.I.**  
**MAGIA 2022**  
**costituito da:**

ARCHITETTO PAOLO PETTENE & PARTNERS S.T.P. S.R.L. (mandataria),  
ARCH. MARCO BIAGINI (mandante),  
D SIDE STUDIO Elena Ducci, Sara Monti, Marco Meoni Ingegneri e Giovanni Martini  
Perito Industriale Associati (mandante),  
MANNORI & ASSOCIATI Geologia Tecnica (mandante)

**n° commessa**

**Responsabile progetto**

Arch. PAOLO PETTENE

**REV.** 00

**Redatto**

**data** 02.05.2023

**data**

**note**



Intervento finanziato dall'Unione Europea - NEXT Generation EU

**Finanziato**  
**dall'Unione europea**

INFORMAZIONI - ANALISI "\_173" (Fase 1)

Equazioni..... 7002  
Semibanda..... 1905  
Numero blocchi..... 1  
Zero algoritmico..... 9.3577e-07  
Tempo totale analisi (sec)..... 0.20

SPOSTAMENTI NODALI "Torcente di piano SLV" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	4.1285e-03	-5.3821e-06	3.4018e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	2.3109e-03	1.6454e-07	4.3949e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	1.7026e-03	2.3150e-06	3.3265e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	1.6357e-03	-2.9713e-08	2.6337e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	4.7340e-04	5.3670e-07	1.0405e-05	0.0000e+00
6	0.0000e+00	0.0000e+00	8.8297e-08	7.0141e-07	3.6884e-10	0.0000e+00
7	0.0000e+00	0.0000e+00	-4.7326e-04	5.3644e-07	-1.0404e-05	0.0000e+00
8	0.0000e+00	0.0000e+00	-1.6358e-03	-3.0899e-08	-2.6338e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	-1.7032e-03	2.3139e-06	-3.3268e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	-2.3117e-03	1.6687e-07	-4.3950e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-4.1257e-03	-5.3693e-06	-3.4010e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	7.5275e-04	-1.9278e-06	1.8019e-05	0.0000e+00
13	0.0000e+00	0.0000e+00	7.2474e-04	-1.0449e-06	3.7174e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	5.9870e-04	-8.7365e-07	2.6413e-05	0.0000e+00
15	0.0000e+00	0.0000e+00	4.2183e-04	-1.6855e-06	1.9987e-05	0.0000e+00
16	0.0000e+00	0.0000e+00	1.9182e-04	-1.1900e-06	8.3739e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-5.1972e-09	-1.3453e-06	-8.0211e-11	0.0000e+00
18	0.0000e+00	0.0000e+00	-1.9183e-04	-1.1900e-06	-8.3740e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-4.2179e-04	-1.6854e-06	-1.9987e-05	0.0000e+00
20	0.0000e+00	0.0000e+00	-5.9864e-04	-8.7370e-07	-2.6413e-05	0.0000e+00
21	0.0000e+00	0.0000e+00	-7.2504e-04	-1.0456e-06	-3.7172e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	-7.5122e-04	-1.9170e-06	-1.8026e-05	0.0000e+00
23	0.0000e+00	0.0000e+00	-5.8402e-03	8.2379e-06	4.3570e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-3.4835e-03	6.9183e-07	5.2506e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	-2.7123e-03	-2.1433e-06	4.0158e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-2.4270e-03	1.5119e-06	3.1718e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	-7.7353e-04	3.3694e-07	1.2531e-05	0.0000e+00
28	0.0000e+00	0.0000e+00	5.7482e-08	2.8454e-07	-3.4735e-10	0.0000e+00
29	0.0000e+00	0.0000e+00	7.7365e-04	3.3697e-07	-1.2532e-05	0.0000e+00
30	0.0000e+00	0.0000e+00	2.4272e-03	1.5119e-06	-3.1719e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	2.7122e-03	-2.1461e-06	-4.0157e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	3.4817e-03	6.9586e-07	-5.2501e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	5.8460e-03	8.2627e-06	-4.3582e-05	0.0000e+00
67	0.0000e+00	0.0000e+00	5.4500e-03	-6.4654e-06	2.6325e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	3.9271e-03	-6.3024e-07	3.1820e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	2.9485e-03	1.8885e-06	2.4753e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	2.6290e-03	-1.6308e-06	1.9741e-05	0.0000e+00
71	0.0000e+00	0.0000e+00	8.6080e-04	-5.3848e-07	7.6836e-06	0.0000e+00
72	0.0000e+00	0.0000e+00	1.0460e-07	-4.5693e-07	3.5982e-10	0.0000e+00
73	0.0000e+00	0.0000e+00	-8.6065e-04	-5.3878e-07	-7.6832e-06	0.0000e+00
74	0.0000e+00	0.0000e+00	-2.6292e-03	-1.6321e-06	-1.9742e-05	0.0000e+00
75	0.0000e+00	0.0000e+00	-2.9492e-03	1.8873e-06	-2.4755e-05	0.0000e+00
76	0.0000e+00	0.0000e+00	-3.9281e-03	-6.2742e-07	-3.1821e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	-5.4469e-03	-6.4516e-06	-2.6320e-05	0.0000e+00
78	0.0000e+00	0.0000e+00	-7.6467e-03	1.0066e-05	3.9160e-05	0.0000e+00
79	0.0000e+00	0.0000e+00	-5.4849e-03	1.7669e-06	4.2077e-05	0.0000e+00
80	0.0000e+00	0.0000e+00	-4.2706e-03	-1.7128e-06	3.2984e-05	0.0000e+00
81	0.0000e+00	0.0000e+00	-3.6689e-03	3.6485e-06	2.6370e-05	0.0000e+00
82	0.0000e+00	0.0000e+00	-1.2562e-03	1.7263e-06	1.0160e-05	0.0000e+00
83	0.0000e+00	0.0000e+00	7.2293e-08	1.7830e-06	-3.2491e-10	0.0000e+00
84	0.0000e+00	0.0000e+00	1.2563e-03	1.7263e-06	-1.0161e-05	0.0000e+00
85	0.0000e+00	0.0000e+00	3.6691e-03	3.6484e-06	-2.6370e-05	0.0000e+00
86	0.0000e+00	0.0000e+00	4.2705e-03	-1.7162e-06	-3.2983e-05	0.0000e+00
87	0.0000e+00	0.0000e+00	5.4829e-03	1.7718e-06	-4.2073e-05	0.0000e+00
88	0.0000e+00	0.0000e+00	7.6530e-03	1.0091e-05	-3.9171e-05	0.0000e+00
89	0.0000e+00	0.0000e+00	4.3496e-03	-4.4914e-06	3.0134e-05	0.0000e+00
90	0.0000e+00	0.0000e+00	8.1915e-04	-1.3519e-06	1.5597e-05	0.0000e+00
91	0.0000e+00	0.0000e+00	-6.1709e-03	6.8227e-06	4.0847e-05	0.0000e+00
92	0.0000e+00	0.0000e+00	5.6868e-03	-3.9469e-06	2.8796e-05	0.0000e+00
93	0.0000e+00	0.0000e+00	-8.0087e-03	6.4084e-06	4.0239e-05	0.0000e+00

94	0.0000e+00	0.0000e+00	8.0161e-03	6.4322e-06	-4.0251e-05	0.0000e+00
95	0.0000e+00	0.0000e+00	-4.3462e-03	-4.4796e-06	-3.0125e-05	0.0000e+00
96	0.0000e+00	0.0000e+00	-8.1713e-04	-1.3408e-06	-1.5605e-05	0.0000e+00
97	0.0000e+00	0.0000e+00	6.1778e-03	6.8454e-06	-4.0861e-05	0.0000e+00
98	0.0000e+00	0.0000e+00	-5.6831e-03	-3.9344e-06	-2.8790e-05	0.0000e+00
99	0.0000e+00	0.0000e+00	2.9053e-03	-5.4043e-06	2.3940e-05	0.0000e+00
100	0.0000e+00	0.0000e+00	2.6882e-03	-5.5567e-06	2.2946e-05	0.0000e+00
101	0.0000e+00	0.0000e+00	3.8489e-03	-7.3045e-06	2.9607e-05	0.0000e+00
102	0.0000e+00	0.0000e+00	2.4478e-03	-6.3138e-06	2.1967e-05	0.0000e+00
103	0.0000e+00	0.0000e+00	3.5259e-03	-7.8682e-06	2.7018e-05	0.0000e+00
104	0.0000e+00	0.0000e+00	2.1902e-03	-6.4533e-06	2.0817e-05	0.0000e+00
105	0.0000e+00	0.0000e+00	3.2054e-03	-7.4983e-06	2.5368e-05	0.0000e+00
106	0.0000e+00	0.0000e+00	1.9396e-03	-6.0449e-06	1.9973e-05	0.0000e+00
107	0.0000e+00	0.0000e+00	2.9171e-03	-6.5138e-06	2.4531e-05	0.0000e+00
108	0.0000e+00	0.0000e+00	1.7123e-03	-5.3493e-06	1.9556e-05	0.0000e+00
109	0.0000e+00	0.0000e+00	2.6795e-03	-5.1742e-06	2.4495e-05	0.0000e+00
110	0.0000e+00	0.0000e+00	1.5152e-03	-4.6015e-06	1.9618e-05	0.0000e+00
111	0.0000e+00	0.0000e+00	2.5019e-03	-3.6981e-06	2.5331e-05	0.0000e+00
112	0.0000e+00	0.0000e+00	1.3466e-03	-3.9987e-06	2.0148e-05	0.0000e+00
113	0.0000e+00	0.0000e+00	2.3856e-03	-2.2735e-06	2.7184e-05	0.0000e+00
114	0.0000e+00	0.0000e+00	1.1984e-03	-3.6754e-06	2.0990e-05	0.0000e+00
115	0.0000e+00	0.0000e+00	2.3251e-03	-1.0677e-06	3.0327e-05	0.0000e+00
116	0.0000e+00	0.0000e+00	1.0635e-03	-3.3524e-06	2.1412e-05	0.0000e+00
117	0.0000e+00	0.0000e+00	2.3079e-03	-2.3425e-07	3.5246e-05	0.0000e+00
118	0.0000e+00	0.0000e+00	9.8989e-04	-3.9398e-07	2.1273e-05	0.0000e+00
119	0.0000e+00	0.0000e+00	2.0711e-03	-5.3329e-06	1.5580e-05	0.0000e+00
120	0.0000e+00	0.0000e+00	1.8587e-03	-5.2998e-06	1.5083e-05	0.0000e+00
121	0.0000e+00	0.0000e+00	1.6415e-03	-5.5043e-06	1.5007e-05	0.0000e+00
122	0.0000e+00	0.0000e+00	1.4183e-03	-5.5588e-06	1.4504e-05	0.0000e+00
123	0.0000e+00	0.0000e+00	1.1992e-03	-5.3309e-06	1.3892e-05	0.0000e+00
124	0.0000e+00	0.0000e+00	9.9419e-04	-4.9190e-06	1.3306e-05	0.0000e+00
125	0.0000e+00	0.0000e+00	8.0756e-04	-4.4648e-06	1.2801e-05	0.0000e+00
126	0.0000e+00	0.0000e+00	6.3916e-04	-4.0442e-06	1.2340e-05	0.0000e+00
127	0.0000e+00	0.0000e+00	4.8896e-04	-3.5371e-06	1.1792e-05	0.0000e+00
128	0.0000e+00	0.0000e+00	3.6751e-04	-2.4638e-06	1.0999e-05	0.0000e+00
129	0.0000e+00	0.0000e+00	3.0750e-04	-4.8150e-07	1.0560e-05	0.0000e+00
130	0.0000e+00	0.0000e+00	1.5686e-03	-5.3835e-06	8.7462e-06	0.0000e+00
131	0.0000e+00	0.0000e+00	1.3508e-03	-5.4694e-06	8.2729e-06	0.0000e+00
132	0.0000e+00	0.0000e+00	1.1336e-03	-5.3566e-06	8.4644e-06	0.0000e+00
133	0.0000e+00	0.0000e+00	9.2348e-04	-5.1062e-06	8.3033e-06	0.0000e+00
134	0.0000e+00	0.0000e+00	7.2659e-04	-4.7049e-06	7.8825e-06	0.0000e+00
135	0.0000e+00	0.0000e+00	5.4828e-04	-4.2069e-06	7.2463e-06	0.0000e+00
136	0.0000e+00	0.0000e+00	3.9087e-04	-3.6890e-06	6.4418e-06	0.0000e+00
137	0.0000e+00	0.0000e+00	2.5435e-04	-3.1699e-06	5.4972e-06	0.0000e+00
138	0.0000e+00	0.0000e+00	1.4019e-04	-2.5439e-06	4.4679e-06	0.0000e+00
139	0.0000e+00	0.0000e+00	5.5948e-05	-1.6298e-06	3.5496e-06	0.0000e+00
140	0.0000e+00	0.0000e+00	1.3834e-05	-4.6896e-07	3.1408e-06	0.0000e+00
141	0.0000e+00	0.0000e+00	1.3310e-03	-5.4660e-06	3.5432e-06	0.0000e+00
142	0.0000e+00	0.0000e+00	1.1064e-03	-5.6939e-06	3.0039e-06	0.0000e+00
143	0.0000e+00	0.0000e+00	8.8300e-04	-5.4261e-06	3.2679e-06	0.0000e+00
144	0.0000e+00	0.0000e+00	6.7624e-04	-4.8741e-06	3.2427e-06	0.0000e+00
145	0.0000e+00	0.0000e+00	4.9522e-04	-4.1545e-06	2.9271e-06	0.0000e+00
146	0.0000e+00	0.0000e+00	3.4466e-04	-3.3721e-06	2.2900e-06	0.0000e+00
147	0.0000e+00	0.0000e+00	2.2516e-04	-2.6208e-06	1.3650e-06	0.0000e+00
148	0.0000e+00	0.0000e+00	1.3416e-04	-1.9573e-06	2.3404e-07	0.0000e+00
149	0.0000e+00	0.0000e+00	6.7836e-05	-1.3816e-06	-9.3591e-07	0.0000e+00
150	0.0000e+00	0.0000e+00	2.3198e-05	-8.6177e-07	-1.8665e-06	0.0000e+00
151	0.0000e+00	0.0000e+00	-2.0300e-06	-4.1529e-07	-2.2552e-06	0.0000e+00
152	0.0000e+00	0.0000e+00	1.2842e-03	-5.5144e-06	1.2419e-07	0.0000e+00
153	0.0000e+00	0.0000e+00	1.0537e-03	-5.9195e-06	-5.1726e-07	0.0000e+00
154	0.0000e+00	0.0000e+00	8.2238e-04	-5.5684e-06	-2.2736e-07	0.0000e+00
155	0.0000e+00	0.0000e+00	6.1528e-04	-4.7388e-06	-2.0449e-07	0.0000e+00
156	0.0000e+00	0.0000e+00	4.4699e-04	-3.6540e-06	-4.7363e-07	0.0000e+00
157	0.0000e+00	0.0000e+00	3.2393e-04	-2.5002e-06	-1.1003e-06	0.0000e+00
158	0.0000e+00	0.0000e+00	2.4567e-04	-1.4363e-06	-2.0683e-06	0.0000e+00
159	0.0000e+00	0.0000e+00	2.0576e-04	-6.0772e-07	-3.2918e-06	0.0000e+00
160	0.0000e+00	0.0000e+00	1.9220e-04	-1.3882e-07	-4.5737e-06	0.0000e+00
161	0.0000e+00	0.0000e+00	1.8910e-04	-8.5921e-08	-5.5896e-06	0.0000e+00
162	0.0000e+00	0.0000e+00	1.8076e-04	-3.6977e-07	-6.0021e-06	0.0000e+00
163	0.0000e+00	0.0000e+00	1.3472e-03	-5.4630e-06	-1.3356e-06	0.0000e+00
164	0.0000e+00	0.0000e+00	1.1130e-03	-6.1270e-06	-2.1335e-06	0.0000e+00
165	0.0000e+00	0.0000e+00	8.7381e-04	-5.7232e-06	-1.8575e-06	0.0000e+00

166	0.0000e+00	0.0000e+00	6.6571e-04	-4.6260e-06	-1.8577e-06	0.0000e+00
167	0.0000e+00	0.0000e+00	5.0931e-04	-3.1732e-06	-2.1361e-06	0.0000e+00
168	0.0000e+00	0.0000e+00	4.1331e-04	-1.6278e-06	-2.7511e-06	0.0000e+00
169	0.0000e+00	0.0000e+00	3.7713e-04	-2.0437e-07	-3.7086e-06	0.0000e+00
170	0.0000e+00	0.0000e+00	3.9147e-04	8.5913e-07	-4.9791e-06	0.0000e+00
171	0.0000e+00	0.0000e+00	4.3650e-04	1.2733e-06	-6.4184e-06	0.0000e+00
172	0.0000e+00	0.0000e+00	4.8134e-04	8.2034e-07	-7.6575e-06	0.0000e+00
173	0.0000e+00	0.0000e+00	4.9231e-04	-3.4980e-07	-8.1718e-06	0.0000e+00
174	0.0000e+00	0.0000e+00	1.4306e-03	-5.2223e-06	-6.2740e-07	0.0000e+00
175	0.0000e+00	0.0000e+00	1.1976e-03	-6.2603e-06	-1.6874e-06	0.0000e+00
176	0.0000e+00	0.0000e+00	9.5406e-04	-5.7919e-06	-1.5403e-06	0.0000e+00
177	0.0000e+00	0.0000e+00	7.4875e-04	-4.4320e-06	-1.7150e-06	0.0000e+00
178	0.0000e+00	0.0000e+00	6.0656e-04	-2.6709e-06	-2.1014e-06	0.0000e+00
179	0.0000e+00	0.0000e+00	5.3698e-04	-8.0511e-07	-2.6959e-06	0.0000e+00
180	0.0000e+00	0.0000e+00	5.4015e-04	9.6627e-07	-3.5184e-06	0.0000e+00
181	0.0000e+00	0.0000e+00	6.0773e-04	2.3824e-06	-4.6533e-06	0.0000e+00
182	0.0000e+00	0.0000e+00	7.1711e-04	2.9549e-06	-6.1632e-06	0.0000e+00
183	0.0000e+00	0.0000e+00	8.2243e-04	2.0468e-06	-7.7757e-06	0.0000e+00
184	0.0000e+00	0.0000e+00	8.5939e-04	-3.6008e-07	-8.5324e-06	0.0000e+00
185	0.0000e+00	0.0000e+00	1.4355e-03	-4.6604e-06	2.5170e-06	0.0000e+00
186	0.0000e+00	0.0000e+00	1.2142e-03	-6.1629e-06	9.8425e-07	0.0000e+00
187	0.0000e+00	0.0000e+00	9.7859e-04	-5.5161e-06	6.8617e-07	0.0000e+00
188	0.0000e+00	0.0000e+00	7.8983e-04	-3.9426e-06	7.0731e-09	0.0000e+00
189	0.0000e+00	0.0000e+00	6.6999e-04	-2.0750e-06	-6.5907e-07	0.0000e+00
190	0.0000e+00	0.0000e+00	6.2563e-04	-1.3731e-07	-1.2201e-06	0.0000e+00
191	0.0000e+00	0.0000e+00	6.5765e-04	1.7864e-06	-1.6791e-06	0.0000e+00
192	0.0000e+00	0.0000e+00	7.6330e-04	3.5708e-06	-2.1928e-06	0.0000e+00
193	0.0000e+00	0.0000e+00	9.2935e-04	4.7456e-06	-3.1198e-06	0.0000e+00
194	0.0000e+00	0.0000e+00	1.1101e-03	3.8954e-06	-5.0326e-06	0.0000e+00
195	0.0000e+00	0.0000e+00	1.1873e-03	-4.1727e-07	-6.2784e-06	0.0000e+00
196	0.0000e+00	0.0000e+00	1.2506e-03	-3.5959e-06	8.4821e-06	0.0000e+00
197	0.0000e+00	0.0000e+00	1.0641e-03	-5.3747e-06	5.9162e-06	0.0000e+00
198	0.0000e+00	0.0000e+00	8.7215e-04	-4.3062e-06	4.3434e-06	0.0000e+00
199	0.0000e+00	0.0000e+00	7.3130e-04	-2.8305e-06	2.7184e-06	0.0000e+00
200	0.0000e+00	0.0000e+00	6.4995e-04	-1.2863e-06	1.6046e-06	0.0000e+00
201	0.0000e+00	0.0000e+00	6.2947e-04	2.6060e-07	1.0621e-06	0.0000e+00
202	0.0000e+00	0.0000e+00	6.7002e-04	1.8262e-06	1.1385e-06	0.0000e+00
203	0.0000e+00	0.0000e+00	7.7293e-04	3.4750e-06	1.8385e-06	0.0000e+00
204	0.0000e+00	0.0000e+00	9.4133e-04	5.2714e-06	3.0201e-06	0.0000e+00
205	0.0000e+00	0.0000e+00	1.1756e-03	6.8187e-06	2.9736e-06	0.0000e+00
206	0.0000e+00	0.0000e+00	1.3088e-03	-5.2428e-07	1.5244e-06	0.0000e+00
207	0.0000e+00	0.0000e+00	6.7286e-04	-1.9817e-06	1.1249e-05	0.0000e+00
208	0.0000e+00	0.0000e+00	6.0149e-04	-1.5865e-06	7.8945e-06	0.0000e+00
209	0.0000e+00	0.0000e+00	5.5077e-04	-9.5920e-07	5.4339e-06	0.0000e+00
210	0.0000e+00	0.0000e+00	5.2691e-04	-2.5197e-07	3.9506e-06	0.0000e+00
211	0.0000e+00	0.0000e+00	5.3091e-04	4.2952e-07	3.3506e-06	0.0000e+00
212	0.0000e+00	0.0000e+00	5.6000e-04	9.9996e-07	3.7195e-06	0.0000e+00
213	0.0000e+00	0.0000e+00	6.0804e-04	1.3752e-06	5.3412e-06	0.0000e+00
214	0.0000e+00	0.0000e+00	6.6506e-04	1.4464e-06	9.0108e-06	0.0000e+00
215	0.0000e+00	0.0000e+00	7.1528e-04	1.0189e-06	1.5590e-05	0.0000e+00
216	0.0000e+00	0.0000e+00	1.0238e-03	1.5583e-06	2.1568e-05	0.0000e+00
217	0.0000e+00	0.0000e+00	2.2507e-03	-1.9827e-06	3.4176e-05	0.0000e+00
218	0.0000e+00	0.0000e+00	1.0554e-03	1.3314e-07	2.0152e-05	0.0000e+00
219	0.0000e+00	0.0000e+00	2.1227e-03	-3.0468e-06	2.8392e-05	0.0000e+00
220	0.0000e+00	0.0000e+00	1.0324e-03	-9.5207e-07	1.8199e-05	0.0000e+00
221	0.0000e+00	0.0000e+00	1.9702e-03	-3.3235e-06	2.4477e-05	0.0000e+00
222	0.0000e+00	0.0000e+00	9.7585e-04	-1.4844e-06	1.6594e-05	0.0000e+00
223	0.0000e+00	0.0000e+00	1.8216e-03	-3.0399e-06	2.1914e-05	0.0000e+00
224	0.0000e+00	0.0000e+00	9.0636e-04	-1.6115e-06	1.5528e-05	0.0000e+00
225	0.0000e+00	0.0000e+00	1.6969e-03	-2.3730e-06	2.0481e-05	0.0000e+00
226	0.0000e+00	0.0000e+00	8.3786e-04	-1.5020e-06	1.5042e-05	0.0000e+00
227	0.0000e+00	0.0000e+00	1.6094e-03	-1.4679e-06	2.0106e-05	0.0000e+00
228	0.0000e+00	0.0000e+00	7.7736e-04	-1.3105e-06	1.5127e-05	0.0000e+00
229	0.0000e+00	0.0000e+00	1.5666e-03	-4.4845e-07	2.0823e-05	0.0000e+00
230	0.0000e+00	0.0000e+00	7.2603e-04	-1.1585e-06	1.5686e-05	0.0000e+00
231	0.0000e+00	0.0000e+00	1.5708e-03	5.7575e-07	2.2794e-05	0.0000e+00
232	0.0000e+00	0.0000e+00	6.8379e-04	-9.4396e-07	1.6217e-05	0.0000e+00
233	0.0000e+00	0.0000e+00	1.6198e-03	1.5071e-06	2.6424e-05	0.0000e+00
234	0.0000e+00	0.0000e+00	6.9149e-04	1.3227e-06	1.6392e-05	0.0000e+00
235	0.0000e+00	0.0000e+00	3.2551e-04	1.1081e-06	1.1010e-05	0.0000e+00
236	0.0000e+00	0.0000e+00	3.7329e-04	9.6093e-07	1.1346e-05	0.0000e+00
237	0.0000e+00	0.0000e+00	3.9617e-04	1.7795e-07	1.1003e-05	0.0000e+00



238	0.0000e+00	0.0000e+00	3.8636e-04	-5.0821e-07	1.0412e-05	0.0000e+00
239	0.0000e+00	0.0000e+00	3.5276e-04	-9.4217e-07	9.8239e-06	0.0000e+00
240	0.0000e+00	0.0000e+00	3.0566e-04	-1.1713e-06	9.3426e-06	0.0000e+00
241	0.0000e+00	0.0000e+00	2.5243e-04	-1.2611e-06	8.9713e-06	0.0000e+00
242	0.0000e+00	0.0000e+00	1.9945e-04	-1.1636e-06	8.6243e-06	0.0000e+00
243	0.0000e+00	0.0000e+00	1.6010e-04	-5.4849e-07	8.1501e-06	0.0000e+00
244	0.0000e+00	0.0000e+00	1.6689e-04	8.9154e-07	8.0363e-06	0.0000e+00
245	0.0000e+00	0.0000e+00	1.6088e-05	4.8001e-07	3.4821e-06	0.0000e+00
246	0.0000e+00	0.0000e+00	4.1865e-05	6.1488e-07	4.1513e-06	0.0000e+00
247	0.0000e+00	0.0000e+00	6.0404e-05	2.4307e-07	4.5952e-06	0.0000e+00
248	0.0000e+00	0.0000e+00	5.9912e-05	-2.0665e-07	4.6993e-06	0.0000e+00
249	0.0000e+00	0.0000e+00	4.2458e-05	-5.3404e-07	4.5233e-06	0.0000e+00
250	0.0000e+00	0.0000e+00	1.4411e-05	-7.1238e-07	4.1355e-06	0.0000e+00
251	0.0000e+00	0.0000e+00	-1.8026e-05	-7.5094e-07	3.5838e-06	0.0000e+00
252	0.0000e+00	0.0000e+00	-4.7943e-05	-5.8998e-07	2.9246e-06	0.0000e+00
253	0.0000e+00	0.0000e+00	-6.3982e-05	-9.6931e-08	2.3222e-06	0.0000e+00
254	0.0000e+00	0.0000e+00	-5.1132e-05	6.8262e-07	2.1433e-06	0.0000e+00
255	0.0000e+00	0.0000e+00	-1.3389e-05	-1.3251e-07	-1.9317e-06	0.0000e+00
256	0.0000e+00	0.0000e+00	-1.8760e-05	-1.2594e-07	-1.1236e-06	0.0000e+00
257	0.0000e+00	0.0000e+00	-2.7702e-05	-2.5837e-07	-3.1153e-07	0.0000e+00
258	0.0000e+00	0.0000e+00	-4.2216e-05	-3.6022e-07	2.0279e-07	0.0000e+00
259	0.0000e+00	0.0000e+00	-5.8760e-05	-3.5546e-07	3.1784e-07	0.0000e+00
260	0.0000e+00	0.0000e+00	-7.2623e-05	-2.5472e-07	4.7399e-08	0.0000e+00
261	0.0000e+00	0.0000e+00	-8.0452e-05	-9.5628e-08	-5.3081e-07	0.0000e+00
262	0.0000e+00	0.0000e+00	-8.0244e-05	1.0602e-07	-1.2641e-06	0.0000e+00
263	0.0000e+00	0.0000e+00	-7.0092e-05	3.5653e-07	-1.8956e-06	0.0000e+00
264	0.0000e+00	0.0000e+00	-4.8476e-05	6.1421e-07	-2.1256e-06	0.0000e+00
265	0.0000e+00	0.0000e+00	1.5428e-04	-8.1896e-07	-5.6013e-06	0.0000e+00
266	0.0000e+00	0.0000e+00	1.1077e-04	-1.1013e-06	-4.5981e-06	0.0000e+00
267	0.0000e+00	0.0000e+00	6.1351e-05	-1.0835e-06	-3.5235e-06	0.0000e+00
268	0.0000e+00	0.0000e+00	1.8948e-05	-7.9816e-07	-2.7607e-06	0.0000e+00
269	0.0000e+00	0.0000e+00	-6.7980e-06	-3.4658e-07	-2.4675e-06	0.0000e+00
270	0.0000e+00	0.0000e+00	-1.1071e-05	1.5782e-07	-2.6509e-06	0.0000e+00
271	0.0000e+00	0.0000e+00	5.9122e-06	5.9800e-07	-3.2287e-06	0.0000e+00
272	0.0000e+00	0.0000e+00	3.8704e-05	8.5531e-07	-4.0221e-06	0.0000e+00
273	0.0000e+00	0.0000e+00	7.7186e-05	8.4849e-07	-4.7307e-06	0.0000e+00
274	0.0000e+00	0.0000e+00	1.0985e-04	6.1086e-07	-5.0145e-06	0.0000e+00
275	0.0000e+00	0.0000e+00	4.4525e-04	-1.7156e-06	-7.5898e-06	0.0000e+00
276	0.0000e+00	0.0000e+00	3.5279e-04	-2.3386e-06	-6.2687e-06	0.0000e+00
277	0.0000e+00	0.0000e+00	2.5229e-04	-2.1252e-06	-4.9695e-06	0.0000e+00
278	0.0000e+00	0.0000e+00	1.7404e-04	-1.3866e-06	-4.0968e-06	0.0000e+00
279	0.0000e+00	0.0000e+00	1.3382e-04	-4.2989e-07	-3.7440e-06	0.0000e+00
280	0.0000e+00	0.0000e+00	1.3636e-04	5.3810e-07	-3.8846e-06	0.0000e+00
281	0.0000e+00	0.0000e+00	1.7824e-04	1.3326e-06	-4.4614e-06	0.0000e+00
282	0.0000e+00	0.0000e+00	2.4693e-04	1.7130e-06	-5.3467e-06	0.0000e+00
283	0.0000e+00	0.0000e+00	3.1883e-04	1.4483e-06	-6.2244e-06	0.0000e+00
284	0.0000e+00	0.0000e+00	3.6516e-04	6.0645e-07	-6.5833e-06	0.0000e+00
285	0.0000e+00	0.0000e+00	7.8123e-04	-3.0086e-06	-7.6114e-06	0.0000e+00
286	0.0000e+00	0.0000e+00	6.2427e-04	-3.8529e-06	-5.8739e-06	0.0000e+00
287	0.0000e+00	0.0000e+00	4.6635e-04	-3.2214e-06	-4.5576e-06	0.0000e+00
288	0.0000e+00	0.0000e+00	3.5248e-04	-1.9502e-06	-3.8474e-06	0.0000e+00
289	0.0000e+00	0.0000e+00	2.9847e-04	-5.1979e-07	-3.5982e-06	0.0000e+00
290	0.0000e+00	0.0000e+00	3.0648e-04	8.7470e-07	-3.7098e-06	0.0000e+00
291	0.0000e+00	0.0000e+00	3.7172e-04	2.0711e-06	-4.1845e-06	0.0000e+00
292	0.0000e+00	0.0000e+00	4.7912e-04	2.7247e-06	-5.0728e-06	0.0000e+00
293	0.0000e+00	0.0000e+00	5.9322e-04	2.2668e-06	-6.2022e-06	0.0000e+00
294	0.0000e+00	0.0000e+00	6.5737e-04	5.3626e-07	-6.7027e-06	0.0000e+00
295	0.0000e+00	0.0000e+00	1.0596e-03	-4.9517e-06	-4.7533e-06	0.0000e+00
296	0.0000e+00	0.0000e+00	8.2442e-04	-5.3331e-06	-2.8499e-06	0.0000e+00
297	0.0000e+00	0.0000e+00	6.2215e-04	-3.9134e-06	-2.3235e-06	0.0000e+00
298	0.0000e+00	0.0000e+00	4.8965e-04	-2.1975e-06	-2.2799e-06	0.0000e+00
299	0.0000e+00	0.0000e+00	4.3066e-04	-5.3160e-07	-2.3366e-06	0.0000e+00
300	0.0000e+00	0.0000e+00	4.4222e-04	1.0580e-06	-2.3760e-06	0.0000e+00
301	0.0000e+00	0.0000e+00	5.2091e-04	2.5566e-06	-2.4559e-06	0.0000e+00
302	0.0000e+00	0.0000e+00	6.5852e-04	3.7124e-06	-2.8285e-06	0.0000e+00
303	0.0000e+00	0.0000e+00	8.2329e-04	3.4765e-06	-4.0715e-06	0.0000e+00
304	0.0000e+00	0.0000e+00	9.1329e-04	3.4032e-07	-4.8632e-06	0.0000e+00
305	0.0000e+00	0.0000e+00	1.1091e-03	-7.5995e-06	3.4590e-06	0.0000e+00
306	0.0000e+00	0.0000e+00	8.3586e-04	-5.3028e-06	2.6903e-06	0.0000e+00
307	0.0000e+00	0.0000e+00	6.5141e-04	-3.3776e-06	1.0277e-06	0.0000e+00
308	0.0000e+00	0.0000e+00	5.4054e-04	-1.7986e-06	-5.4873e-08	0.0000e+00
309	0.0000e+00	0.0000e+00	4.9307e-04	-4.1096e-07	-5.3058e-07	0.0000e+00

310	0.0000e+00	0.0000e+00	5.0369e-04	9.0225e-07	-4.4072e-07	0.0000e+00
311	0.0000e+00	0.0000e+00	5.7110e-04	2.2384e-06	1.9469e-07	0.0000e+00
312	0.0000e+00	0.0000e+00	6.9736e-04	3.6892e-06	1.3190e-06	0.0000e+00
313	0.0000e+00	0.0000e+00	8.8597e-04	5.1868e-06	1.8626e-06	0.0000e+00
314	0.0000e+00	0.0000e+00	1.0113e-03	-5.4557e-08	9.3224e-07	0.0000e+00
315	0.0000e+00	0.0000e+00	6.6836e-04	-1.5058e-06	1.4379e-05	0.0000e+00
316	0.0000e+00	0.0000e+00	6.0129e-04	-1.5269e-06	7.4134e-06	0.0000e+00
317	0.0000e+00	0.0000e+00	5.4040e-04	-1.2270e-06	3.7077e-06	0.0000e+00
318	0.0000e+00	0.0000e+00	4.9696e-04	-7.4081e-07	1.8746e-06	0.0000e+00
319	0.0000e+00	0.0000e+00	4.7681e-04	-1.7578e-07	1.1540e-06	0.0000e+00
320	0.0000e+00	0.0000e+00	4.8131e-04	3.7181e-07	1.3253e-06	0.0000e+00
321	0.0000e+00	0.0000e+00	5.0758e-04	8.0747e-07	2.4632e-06	0.0000e+00
322	0.0000e+00	0.0000e+00	5.4825e-04	1.0194e-06	5.0644e-06	0.0000e+00
323	0.0000e+00	0.0000e+00	5.8928e-04	8.0258e-07	1.0086e-05	0.0000e+00
324	0.0000e+00	0.0000e+00	8.0516e-04	-8.5416e-09	1.4061e-05	0.0000e+00
325	0.0000e+00	0.0000e+00	8.1649e-04	3.0533e-07	1.3754e-05	0.0000e+00
326	0.0000e+00	0.0000e+00	1.5702e-03	-2.1303e-06	2.0466e-05	0.0000e+00
327	0.0000e+00	0.0000e+00	7.9702e-04	-1.0254e-06	1.2378e-05	0.0000e+00
328	0.0000e+00	0.0000e+00	1.4362e-03	-3.3336e-06	1.6677e-05	0.0000e+00
329	0.0000e+00	0.0000e+00	7.2814e-04	-1.9620e-06	1.0672e-05	0.0000e+00
330	0.0000e+00	0.0000e+00	1.2672e-03	-3.8909e-06	1.3851e-05	0.0000e+00
331	0.0000e+00	0.0000e+00	6.2947e-04	-2.4292e-06	9.1181e-06	0.0000e+00
332	0.0000e+00	0.0000e+00	1.0868e-03	-3.9755e-06	1.1700e-05	0.0000e+00
333	0.0000e+00	0.0000e+00	5.1904e-04	-2.5342e-06	7.8169e-06	0.0000e+00
334	0.0000e+00	0.0000e+00	9.1229e-04	-3.7141e-06	1.0095e-05	0.0000e+00
335	0.0000e+00	0.0000e+00	4.1035e-04	-2.3790e-06	6.7896e-06	0.0000e+00
336	0.0000e+00	0.0000e+00	7.5636e-04	-3.1994e-06	8.9768e-06	0.0000e+00
337	0.0000e+00	0.0000e+00	3.1303e-04	-2.0430e-06	6.0331e-06	0.0000e+00
338	0.0000e+00	0.0000e+00	6.2824e-04	-2.4960e-06	8.3357e-06	0.0000e+00
339	0.0000e+00	0.0000e+00	2.3388e-04	-1.5795e-06	5.5216e-06	0.0000e+00
340	0.0000e+00	0.0000e+00	5.3493e-04	-1.6430e-06	8.2122e-06	0.0000e+00
341	0.0000e+00	0.0000e+00	1.7872e-04	-9.7385e-07	5.1283e-06	0.0000e+00
342	0.0000e+00	0.0000e+00	4.8210e-04	-6.5197e-07	8.7336e-06	0.0000e+00
343	0.0000e+00	0.0000e+00	1.6275e-04	1.8664e-07	4.9074e-06	0.0000e+00
344	0.0000e+00	0.0000e+00	3.3829e-04	2.2395e-07	7.6180e-06	0.0000e+00
345	0.0000e+00	0.0000e+00	3.5601e-04	5.0904e-07	7.6448e-06	0.0000e+00
346	0.0000e+00	0.0000e+00	3.6662e-04	-3.7161e-08	7.4570e-06	0.0000e+00
347	0.0000e+00	0.0000e+00	3.4693e-04	-7.6225e-07	6.8090e-06	0.0000e+00
348	0.0000e+00	0.0000e+00	2.9979e-04	-1.2802e-06	5.9776e-06	0.0000e+00
349	0.0000e+00	0.0000e+00	2.3630e-04	-1.5277e-06	5.1261e-06	0.0000e+00
350	0.0000e+00	0.0000e+00	1.6755e-04	-1.5441e-06	4.3320e-06	0.0000e+00
351	0.0000e+00	0.0000e+00	1.0255e-04	-1.3766e-06	3.6269e-06	0.0000e+00
352	0.0000e+00	0.0000e+00	4.8839e-05	-1.0380e-06	3.0179e-06	0.0000e+00
353	0.0000e+00	0.0000e+00	1.4351e-05	-4.8806e-07	2.5108e-06	0.0000e+00
354	0.0000e+00	0.0000e+00	8.3256e-06	2.0680e-07	2.2975e-06	0.0000e+00
355	0.0000e+00	0.0000e+00	1.1296e-04	2.4941e-07	2.8582e-06	0.0000e+00
356	0.0000e+00	0.0000e+00	1.2650e-04	3.4461e-07	3.0591e-06	0.0000e+00
357	0.0000e+00	0.0000e+00	1.3614e-04	8.3616e-08	3.2788e-06	0.0000e+00
358	0.0000e+00	0.0000e+00	1.2957e-04	-3.4126e-07	3.2645e-06	0.0000e+00
359	0.0000e+00	0.0000e+00	1.0534e-04	-6.9687e-07	3.0079e-06	0.0000e+00
360	0.0000e+00	0.0000e+00	6.9232e-05	-8.8503e-07	2.5861e-06	0.0000e+00
361	0.0000e+00	0.0000e+00	2.8877e-05	-9.0338e-07	2.0735e-06	0.0000e+00
362	0.0000e+00	0.0000e+00	-8.8362e-06	-7.7665e-07	1.5313e-06	0.0000e+00
363	0.0000e+00	0.0000e+00	-3.7987e-05	-5.1981e-07	1.0221e-06	0.0000e+00
364	0.0000e+00	0.0000e+00	-5.3219e-05	-1.5028e-07	6.3722e-07	0.0000e+00
365	0.0000e+00	0.0000e+00	-5.1333e-05	2.2952e-07	4.9417e-07	0.0000e+00
366	0.0000e+00	0.0000e+00	6.8390e-05	8.3208e-08	-6.9038e-07	0.0000e+00
367	0.0000e+00	0.0000e+00	6.9910e-05	-1.1437e-08	-3.2581e-07	0.0000e+00
368	0.0000e+00	0.0000e+00	6.4920e-05	-2.0341e-07	1.3815e-07	0.0000e+00
369	0.0000e+00	0.0000e+00	5.0627e-05	-4.1354e-07	4.9166e-07	0.0000e+00
370	0.0000e+00	0.0000e+00	2.8521e-05	-5.4787e-07	6.2659e-07	0.0000e+00
371	0.0000e+00	0.0000e+00	3.0851e-06	-5.6723e-07	5.3863e-07	0.0000e+00
372	0.0000e+00	0.0000e+00	-2.0707e-05	-4.8215e-07	2.7706e-07	0.0000e+00
373	0.0000e+00	0.0000e+00	-3.8934e-05	-3.2397e-07	-8.5717e-08	0.0000e+00
374	0.0000e+00	0.0000e+00	-4.9156e-05	-1.2638e-07	-4.5763e-07	0.0000e+00
375	0.0000e+00	0.0000e+00	-5.0454e-05	7.3317e-08	-7.2686e-07	0.0000e+00
376	0.0000e+00	0.0000e+00	-4.3901e-05	2.1948e-07	-7.9764e-07	0.0000e+00
377	0.0000e+00	0.0000e+00	1.5414e-04	-2.2634e-07	-3.1273e-06	0.0000e+00
378	0.0000e+00	0.0000e+00	1.3699e-04	-5.3866e-07	-2.6291e-06	0.0000e+00
379	0.0000e+00	0.0000e+00	1.0778e-04	-7.5212e-07	-1.9637e-06	0.0000e+00
380	0.0000e+00	0.0000e+00	7.2728e-05	-8.0043e-07	-1.3630e-06	0.0000e+00
381	0.0000e+00	0.0000e+00	3.9023e-05	-6.9800e-07	-9.8008e-07	0.0000e+00

382	0.0000e+00	0.0000e+00	1.2259e-05	-4.9446e-07	-8.5067e-07	0.0000e+00
383	0.0000e+00	0.0000e+00	-4.3350e-06	-2.4530e-07	-9.3784e-07	0.0000e+00
384	0.0000e+00	0.0000e+00	-9.9728e-06	-6.8176e-09	-1.1705e-06	0.0000e+00
385	0.0000e+00	0.0000e+00	-6.3871e-06	1.6325e-07	-1.4518e-06	0.0000e+00
386	0.0000e+00	0.0000e+00	2.3048e-06	2.1872e-07	-1.6590e-06	0.0000e+00
387	0.0000e+00	0.0000e+00	1.0734e-05	1.5534e-07	-1.6788e-06	0.0000e+00
388	0.0000e+00	0.0000e+00	3.2199e-04	-5.9530e-07	-4.4621e-06	0.0000e+00
389	0.0000e+00	0.0000e+00	2.8110e-04	-1.2307e-06	-3.8620e-06	0.0000e+00
390	0.0000e+00	0.0000e+00	2.1930e-04	-1.5063e-06	-3.0048e-06	0.0000e+00
391	0.0000e+00	0.0000e+00	1.5466e-04	-1.3809e-06	-2.2450e-06	0.0000e+00
392	0.0000e+00	0.0000e+00	1.0147e-04	-1.0152e-06	-1.7512e-06	0.0000e+00
393	0.0000e+00	0.0000e+00	6.6636e-05	-5.6288e-07	-1.5318e-06	0.0000e+00
394	0.0000e+00	0.0000e+00	5.1635e-05	-1.2142e-07	-1.5357e-06	0.0000e+00
395	0.0000e+00	0.0000e+00	5.4363e-05	2.3331e-07	-1.7027e-06	0.0000e+00
396	0.0000e+00	0.0000e+00	6.9196e-05	4.1342e-07	-1.9568e-06	0.0000e+00
397	0.0000e+00	0.0000e+00	8.6596e-05	3.3989e-07	-2.1718e-06	0.0000e+00
398	0.0000e+00	0.0000e+00	9.5362e-05	3.9773e-08	-2.1769e-06	0.0000e+00
399	0.0000e+00	0.0000e+00	5.2193e-04	-9.3289e-07	-4.5994e-06	0.0000e+00
400	0.0000e+00	0.0000e+00	4.5322e-04	-2.1099e-06	-3.8917e-06	0.0000e+00
401	0.0000e+00	0.0000e+00	3.5106e-04	-2.4068e-06	-2.8566e-06	0.0000e+00
402	0.0000e+00	0.0000e+00	2.5305e-04	-2.0075e-06	-2.1057e-06	0.0000e+00
403	0.0000e+00	0.0000e+00	1.7949e-04	-1.3449e-06	-1.7019e-06	0.0000e+00
404	0.0000e+00	0.0000e+00	1.3577e-04	-6.6063e-07	-1.5404e-06	0.0000e+00
405	0.0000e+00	0.0000e+00	1.2057e-04	-4.5031e-08	-1.5402e-06	0.0000e+00
406	0.0000e+00	0.0000e+00	1.2966e-04	4.4165e-07	-1.6688e-06	0.0000e+00
407	0.0000e+00	0.0000e+00	1.5528e-04	6.8476e-07	-1.9168e-06	0.0000e+00
408	0.0000e+00	0.0000e+00	1.8304e-04	5.0652e-07	-2.2054e-06	0.0000e+00
409	0.0000e+00	0.0000e+00	1.9241e-04	-1.1884e-07	-2.2460e-06	0.0000e+00
410	0.0000e+00	0.0000e+00	6.9496e-04	-1.1759e-06	-3.1937e-06	0.0000e+00
411	0.0000e+00	0.0000e+00	5.9297e-04	-3.2496e-06	-2.2869e-06	0.0000e+00
412	0.0000e+00	0.0000e+00	4.4614e-04	-3.2375e-06	-1.2527e-06	0.0000e+00
413	0.0000e+00	0.0000e+00	3.2335e-04	-2.3910e-06	-9.7335e-07	0.0000e+00
414	0.0000e+00	0.0000e+00	2.3949e-04	-1.4830e-06	-9.6266e-07	0.0000e+00
415	0.0000e+00	0.0000e+00	1.9279e-04	-6.8101e-07	-1.0128e-06	0.0000e+00
416	0.0000e+00	0.0000e+00	1.7837e-04	7.4240e-09	-1.0531e-06	0.0000e+00
417	0.0000e+00	0.0000e+00	1.9144e-04	5.8313e-07	-1.0918e-06	0.0000e+00
418	0.0000e+00	0.0000e+00	2.2568e-04	9.6230e-07	-1.2053e-06	0.0000e+00
419	0.0000e+00	0.0000e+00	2.6703e-04	8.0466e-07	-1.5626e-06	0.0000e+00
420	0.0000e+00	0.0000e+00	2.7959e-04	-3.2135e-07	-1.7018e-06	0.0000e+00
421	0.0000e+00	0.0000e+00	7.4838e-04	-1.3069e-06	1.1720e-06	0.0000e+00
422	0.0000e+00	0.0000e+00	6.0661e-04	-4.6342e-06	2.1794e-06	0.0000e+00
423	0.0000e+00	0.0000e+00	4.4052e-04	-3.1954e-06	1.7032e-06	0.0000e+00
424	0.0000e+00	0.0000e+00	3.2835e-04	-2.0762e-06	7.7268e-07	0.0000e+00
425	0.0000e+00	0.0000e+00	2.5758e-04	-1.2273e-06	1.3781e-07	0.0000e+00
426	0.0000e+00	0.0000e+00	2.1936e-04	-5.5316e-07	-2.0318e-07	0.0000e+00
427	0.0000e+00	0.0000e+00	2.0776e-04	1.0414e-08	-2.8885e-07	0.0000e+00
428	0.0000e+00	0.0000e+00	2.1889e-04	5.0626e-07	-1.4854e-07	0.0000e+00
429	0.0000e+00	0.0000e+00	2.5014e-04	9.6128e-07	1.7874e-07	0.0000e+00
430	0.0000e+00	0.0000e+00	2.9867e-04	1.3217e-06	3.2728e-07	0.0000e+00
431	0.0000e+00	0.0000e+00	3.1853e-04	-5.8480e-07	8.9459e-08	0.0000e+00
432	0.0000e+00	0.0000e+00	3.5814e-04	-1.3468e-06	7.9685e-06	0.0000e+00
433	0.0000e+00	0.0000e+00	3.0367e-04	-1.1396e-06	4.2330e-06	0.0000e+00
434	0.0000e+00	0.0000e+00	2.5964e-04	-8.6798e-07	2.1997e-06	0.0000e+00
435	0.0000e+00	0.0000e+00	2.2822e-04	-5.6871e-07	1.1253e-06	0.0000e+00
436	0.0000e+00	0.0000e+00	2.0975e-04	-2.8236e-07	5.9493e-07	0.0000e+00
437	0.0000e+00	0.0000e+00	2.0284e-04	-4.5440e-08	4.6569e-07	0.0000e+00
438	0.0000e+00	0.0000e+00	2.0454e-04	1.0703e-07	7.2487e-07	0.0000e+00
439	0.0000e+00	0.0000e+00	2.1016e-04	1.3065e-07	1.5114e-06	0.0000e+00
440	0.0000e+00	0.0000e+00	2.1204e-04	-7.6324e-08	3.1249e-06	0.0000e+00
441	0.0000e+00	0.0000e+00	-1.6264e-04	1.8646e-07	-4.9067e-06	0.0000e+00
442	0.0000e+00	0.0000e+00	-1.7862e-04	-9.7416e-07	-5.1277e-06	0.0000e+00
443	0.0000e+00	0.0000e+00	-4.8198e-04	-6.5236e-07	-8.7332e-06	0.0000e+00
444	0.0000e+00	0.0000e+00	-2.3380e-04	-1.5798e-06	-5.5212e-06	0.0000e+00
445	0.0000e+00	0.0000e+00	-5.3483e-04	-1.6435e-06	-8.2119e-06	0.0000e+00
446	0.0000e+00	0.0000e+00	-3.1296e-04	-2.0434e-06	-6.0328e-06	0.0000e+00
447	0.0000e+00	0.0000e+00	-6.2816e-04	-2.4965e-06	-8.3354e-06	0.0000e+00
448	0.0000e+00	0.0000e+00	-4.1030e-04	-2.3794e-06	-6.7894e-06	0.0000e+00
449	0.0000e+00	0.0000e+00	-7.5631e-04	-3.2000e-06	-8.9767e-06	0.0000e+00
450	0.0000e+00	0.0000e+00	-5.1901e-04	-2.5347e-06	-7.8169e-06	0.0000e+00
451	0.0000e+00	0.0000e+00	-9.1226e-04	-3.7147e-06	-1.0095e-05	0.0000e+00
452	0.0000e+00	0.0000e+00	-6.2947e-04	-2.4298e-06	-9.1182e-06	0.0000e+00
453	0.0000e+00	0.0000e+00	-1.0868e-03	-3.9762e-06	-1.1700e-05	0.0000e+00

454	0.0000e+00	0.0000e+00	-7.2816e-04	-1.9627e-06	-1.0672e-05	0.0000e+00
455	0.0000e+00	0.0000e+00	-1.2672e-03	-3.8918e-06	-1.3851e-05	0.0000e+00
456	0.0000e+00	0.0000e+00	-7.9707e-04	-1.0261e-06	-1.2379e-05	0.0000e+00
457	0.0000e+00	0.0000e+00	-1.4363e-03	-3.3346e-06	-1.6678e-05	0.0000e+00
458	0.0000e+00	0.0000e+00	-8.1658e-04	3.0451e-07	-1.3755e-05	0.0000e+00
459	0.0000e+00	0.0000e+00	-1.5704e-03	-2.1314e-06	-2.0467e-05	0.0000e+00
460	0.0000e+00	0.0000e+00	-8.0529e-04	-9.4858e-09	-1.4062e-05	0.0000e+00
461	0.0000e+00	0.0000e+00	-8.2428e-06	2.0668e-07	-2.2968e-06	0.0000e+00
462	0.0000e+00	0.0000e+00	-1.4275e-05	-4.8826e-07	-2.5103e-06	0.0000e+00
463	0.0000e+00	0.0000e+00	-4.8773e-05	-1.0383e-06	-3.0175e-06	0.0000e+00
464	0.0000e+00	0.0000e+00	-1.0250e-04	-1.3769e-06	-3.6266e-06	0.0000e+00
465	0.0000e+00	0.0000e+00	-1.6751e-04	-1.5444e-06	-4.3318e-06	0.0000e+00
466	0.0000e+00	0.0000e+00	-2.3627e-04	-1.5281e-06	-5.1260e-06	0.0000e+00
467	0.0000e+00	0.0000e+00	-2.9978e-04	-1.2805e-06	-5.9777e-06	0.0000e+00
468	0.0000e+00	0.0000e+00	-3.4694e-04	-7.6270e-07	-6.8093e-06	0.0000e+00
469	0.0000e+00	0.0000e+00	-3.6666e-04	-3.7678e-08	-7.4574e-06	0.0000e+00
470	0.0000e+00	0.0000e+00	-3.5607e-04	5.0844e-07	-7.6454e-06	0.0000e+00
471	0.0000e+00	0.0000e+00	-3.3837e-04	2.2325e-07	-7.6188e-06	0.0000e+00
472	0.0000e+00	0.0000e+00	5.1390e-05	2.2946e-07	-4.9361e-07	0.0000e+00
473	0.0000e+00	0.0000e+00	5.3272e-05	-1.5040e-07	-6.3672e-07	0.0000e+00
474	0.0000e+00	0.0000e+00	3.8033e-05	-5.1997e-07	-1.0217e-06	0.0000e+00
475	0.0000e+00	0.0000e+00	8.8749e-06	-7.7683e-07	-1.5310e-06	0.0000e+00
476	0.0000e+00	0.0000e+00	-2.8847e-05	-9.0359e-07	-2.0733e-06	0.0000e+00
477	0.0000e+00	0.0000e+00	-6.9212e-05	-8.8526e-07	-2.5860e-06	0.0000e+00
478	0.0000e+00	0.0000e+00	-1.0533e-04	-6.9713e-07	-3.0079e-06	0.0000e+00
479	0.0000e+00	0.0000e+00	-1.2957e-04	-3.4155e-07	-3.2646e-06	0.0000e+00
480	0.0000e+00	0.0000e+00	-1.3615e-04	8.3276e-08	-3.2791e-06	0.0000e+00
481	0.0000e+00	0.0000e+00	-1.2653e-04	3.4421e-07	-3.0596e-06	0.0000e+00
482	0.0000e+00	0.0000e+00	-1.1302e-04	2.4894e-07	-2.8589e-06	0.0000e+00
483	0.0000e+00	0.0000e+00	4.3936e-05	2.1944e-07	7.9809e-07	0.0000e+00
484	0.0000e+00	0.0000e+00	5.0487e-05	7.3257e-08	7.2727e-07	0.0000e+00
485	0.0000e+00	0.0000e+00	4.9185e-05	-1.2646e-07	4.5798e-07	0.0000e+00
486	0.0000e+00	0.0000e+00	3.8960e-05	-3.2408e-07	8.5999e-08	0.0000e+00
487	0.0000e+00	0.0000e+00	2.0728e-05	-4.8227e-07	-2.7685e-07	0.0000e+00
488	0.0000e+00	0.0000e+00	-3.0697e-06	-5.6736e-07	-5.3851e-07	0.0000e+00
489	0.0000e+00	0.0000e+00	-2.8511e-05	-5.4802e-07	-6.2657e-07	0.0000e+00
490	0.0000e+00	0.0000e+00	-5.0625e-05	-4.1370e-07	-4.9174e-07	0.0000e+00
491	0.0000e+00	0.0000e+00	-6.4925e-05	-2.0360e-07	-1.3835e-07	0.0000e+00
492	0.0000e+00	0.0000e+00	-6.9925e-05	-1.1671e-08	3.2547e-07	0.0000e+00
493	0.0000e+00	0.0000e+00	-6.8416e-05	8.2930e-08	6.8987e-07	0.0000e+00
494	0.0000e+00	0.0000e+00	-1.0716e-05	1.5534e-07	1.6791e-06	0.0000e+00
495	0.0000e+00	0.0000e+00	-2.2878e-06	2.1870e-07	1.6594e-06	0.0000e+00
496	0.0000e+00	0.0000e+00	6.4030e-06	1.6322e-07	1.4521e-06	0.0000e+00
497	0.0000e+00	0.0000e+00	9.9871e-06	-6.8578e-09	1.1708e-06	0.0000e+00
498	0.0000e+00	0.0000e+00	4.3473e-06	-2.4534e-07	9.3802e-07	0.0000e+00
499	0.0000e+00	0.0000e+00	-1.2249e-05	-4.9451e-07	8.5079e-07	0.0000e+00
500	0.0000e+00	0.0000e+00	-3.9015e-05	-6.9806e-07	9.8013e-07	0.0000e+00
501	0.0000e+00	0.0000e+00	-7.2723e-05	-8.0050e-07	1.3630e-06	0.0000e+00
502	0.0000e+00	0.0000e+00	-1.0778e-04	-7.5221e-07	1.9635e-06	0.0000e+00
503	0.0000e+00	0.0000e+00	-1.3699e-04	-5.3877e-07	2.6289e-06	0.0000e+00
504	0.0000e+00	0.0000e+00	-1.5415e-04	-2.2647e-07	3.1269e-06	0.0000e+00
505	0.0000e+00	0.0000e+00	-9.5357e-05	3.9783e-08	2.1772e-06	0.0000e+00
506	0.0000e+00	0.0000e+00	-8.6591e-05	3.3990e-07	2.1720e-06	0.0000e+00
507	0.0000e+00	0.0000e+00	-6.9191e-05	4.1343e-07	1.9570e-06	0.0000e+00
508	0.0000e+00	0.0000e+00	-5.4358e-05	2.3331e-07	1.7029e-06	0.0000e+00
509	0.0000e+00	0.0000e+00	-5.1629e-05	-1.2142e-07	1.5359e-06	0.0000e+00
510	0.0000e+00	0.0000e+00	-6.6631e-05	-5.6287e-07	1.5319e-06	0.0000e+00
511	0.0000e+00	0.0000e+00	-1.0147e-04	-1.0152e-06	1.7513e-06	0.0000e+00
512	0.0000e+00	0.0000e+00	-1.5466e-04	-1.3809e-06	2.2450e-06	0.0000e+00
513	0.0000e+00	0.0000e+00	-2.1929e-04	-1.5063e-06	3.0048e-06	0.0000e+00
514	0.0000e+00	0.0000e+00	-2.8110e-04	-1.2307e-06	3.8618e-06	0.0000e+00
515	0.0000e+00	0.0000e+00	-3.2199e-04	-5.9532e-07	4.4618e-06	0.0000e+00
516	0.0000e+00	0.0000e+00	-1.9242e-04	-1.1882e-07	2.2462e-06	0.0000e+00
517	0.0000e+00	0.0000e+00	-1.8304e-04	5.0654e-07	2.2056e-06	0.0000e+00
518	0.0000e+00	0.0000e+00	-1.5528e-04	6.8479e-07	1.9170e-06	0.0000e+00
519	0.0000e+00	0.0000e+00	-1.2966e-04	4.4168e-07	1.6689e-06	0.0000e+00
520	0.0000e+00	0.0000e+00	-1.2057e-04	-4.4998e-08	1.5403e-06	0.0000e+00
521	0.0000e+00	0.0000e+00	-1.3577e-04	-6.6059e-07	1.5404e-06	0.0000e+00
522	0.0000e+00	0.0000e+00	-1.7949e-04	-1.3449e-06	1.7019e-06	0.0000e+00
523	0.0000e+00	0.0000e+00	-2.5304e-04	-2.0074e-06	2.1057e-06	0.0000e+00
524	0.0000e+00	0.0000e+00	-3.5105e-04	-2.4067e-06	2.8566e-06	0.0000e+00
525	0.0000e+00	0.0000e+00	-4.5321e-04	-2.1099e-06	3.8916e-06	0.0000e+00

526	0.0000e+00	0.0000e+00	-5.2192e-04	-9.3282e-07	4.5992e-06	0.0000e+00
527	0.0000e+00	0.0000e+00	-2.7960e-04	-3.2133e-07	1.7019e-06	0.0000e+00
528	0.0000e+00	0.0000e+00	-2.6703e-04	8.0469e-07	1.5627e-06	0.0000e+00
529	0.0000e+00	0.0000e+00	-2.2569e-04	9.6233e-07	1.2054e-06	0.0000e+00
530	0.0000e+00	0.0000e+00	-1.9144e-04	5.8318e-07	1.0919e-06	0.0000e+00
531	0.0000e+00	0.0000e+00	-1.7838e-04	7.4749e-09	1.0532e-06	0.0000e+00
532	0.0000e+00	0.0000e+00	-1.9279e-04	-6.8095e-07	1.0128e-06	0.0000e+00
533	0.0000e+00	0.0000e+00	-2.3949e-04	-1.4829e-06	9.6267e-07	0.0000e+00
534	0.0000e+00	0.0000e+00	-3.2334e-04	-2.3909e-06	9.7334e-07	0.0000e+00
535	0.0000e+00	0.0000e+00	-4.4613e-04	-3.2374e-06	1.2527e-06	0.0000e+00
536	0.0000e+00	0.0000e+00	-5.9296e-04	-3.2495e-06	2.2868e-06	0.0000e+00
537	0.0000e+00	0.0000e+00	-6.9494e-04	-1.1757e-06	3.1935e-06	0.0000e+00
538	0.0000e+00	0.0000e+00	-3.1855e-04	-5.8478e-07	-8.9462e-08	0.0000e+00
539	0.0000e+00	0.0000e+00	-2.9868e-04	1.3217e-06	-3.2728e-07	0.0000e+00
540	0.0000e+00	0.0000e+00	-2.5015e-04	9.6132e-07	-1.7874e-07	0.0000e+00
541	0.0000e+00	0.0000e+00	-2.1890e-04	5.0631e-07	1.4854e-07	0.0000e+00
542	0.0000e+00	0.0000e+00	-2.0776e-04	1.0475e-08	2.8884e-07	0.0000e+00
543	0.0000e+00	0.0000e+00	-2.1936e-04	-5.5308e-07	2.0316e-07	0.0000e+00
544	0.0000e+00	0.0000e+00	-2.5758e-04	-1.2272e-06	-1.3784e-07	0.0000e+00
545	0.0000e+00	0.0000e+00	-3.2834e-04	-2.0761e-06	-7.7274e-07	0.0000e+00
546	0.0000e+00	0.0000e+00	-4.4051e-04	-3.1953e-06	-1.7033e-06	0.0000e+00
547	0.0000e+00	0.0000e+00	-6.0659e-04	-4.6340e-06	-2.1795e-06	0.0000e+00
548	0.0000e+00	0.0000e+00	-7.4835e-04	-1.3068e-06	-1.1722e-06	0.0000e+00
549	0.0000e+00	0.0000e+00	-2.1205e-04	-7.6305e-08	-3.1250e-06	0.0000e+00
550	0.0000e+00	0.0000e+00	-2.1016e-04	1.3068e-07	-1.5114e-06	0.0000e+00
551	0.0000e+00	0.0000e+00	-2.0454e-04	1.0708e-07	-7.2494e-07	0.0000e+00
552	0.0000e+00	0.0000e+00	-2.0284e-04	-4.5370e-08	-4.6577e-07	0.0000e+00
553	0.0000e+00	0.0000e+00	-2.0975e-04	-2.8227e-07	-5.9502e-07	0.0000e+00
554	0.0000e+00	0.0000e+00	-2.2821e-04	-5.6859e-07	-1.1254e-06	0.0000e+00
555	0.0000e+00	0.0000e+00	-2.5963e-04	-8.6783e-07	-2.1998e-06	0.0000e+00
556	0.0000e+00	0.0000e+00	-3.0365e-04	-1.1394e-06	-4.2331e-06	0.0000e+00
557	0.0000e+00	0.0000e+00	-3.5812e-04	-1.3466e-06	-7.9687e-06	0.0000e+00
558	0.0000e+00	0.0000e+00	-6.9196e-04	1.3219e-06	-1.6395e-05	0.0000e+00
559	0.0000e+00	0.0000e+00	-6.8428e-04	-9.4446e-07	-1.6220e-05	0.0000e+00
560	0.0000e+00	0.0000e+00	-1.6204e-03	1.5064e-06	-2.6427e-05	0.0000e+00
561	0.0000e+00	0.0000e+00	-7.2655e-04	-1.1589e-06	-1.5689e-05	0.0000e+00
562	0.0000e+00	0.0000e+00	-1.5715e-03	5.7510e-07	-2.2797e-05	0.0000e+00
563	0.0000e+00	0.0000e+00	-7.7790e-04	-1.3111e-06	-1.5131e-05	0.0000e+00
564	0.0000e+00	0.0000e+00	-1.5673e-03	-4.4920e-07	-2.0826e-05	0.0000e+00
565	0.0000e+00	0.0000e+00	-8.3843e-04	-1.5028e-06	-1.5046e-05	0.0000e+00
566	0.0000e+00	0.0000e+00	-1.6102e-03	-1.4688e-06	-2.0109e-05	0.0000e+00
567	0.0000e+00	0.0000e+00	-9.0698e-04	-1.6126e-06	-1.5531e-05	0.0000e+00
568	0.0000e+00	0.0000e+00	-1.6977e-03	-2.3741e-06	-2.0484e-05	0.0000e+00
569	0.0000e+00	0.0000e+00	-9.7652e-04	-1.4856e-06	-1.6598e-05	0.0000e+00
570	0.0000e+00	0.0000e+00	-1.8224e-03	-3.0411e-06	-2.1917e-05	0.0000e+00
571	0.0000e+00	0.0000e+00	-1.0331e-03	-9.5330e-07	-1.8203e-05	0.0000e+00
572	0.0000e+00	0.0000e+00	-1.9710e-03	-3.3245e-06	-2.4481e-05	0.0000e+00
573	0.0000e+00	0.0000e+00	-1.0561e-03	1.3228e-07	-2.0156e-05	0.0000e+00
574	0.0000e+00	0.0000e+00	-2.1236e-03	-3.0473e-06	-2.8395e-05	0.0000e+00
575	0.0000e+00	0.0000e+00	-1.0246e-03	1.5583e-06	-2.1572e-05	0.0000e+00
576	0.0000e+00	0.0000e+00	-2.2516e-03	-1.9821e-06	-3.4178e-05	0.0000e+00
577	0.0000e+00	0.0000e+00	-9.9065e-04	-3.9237e-07	-2.1277e-05	0.0000e+00
578	0.0000e+00	0.0000e+00	-1.6723e-04	8.9091e-07	-8.0391e-06	0.0000e+00
579	0.0000e+00	0.0000e+00	-1.6045e-04	-5.4893e-07	-8.1531e-06	0.0000e+00
580	0.0000e+00	0.0000e+00	-1.9983e-04	-1.1640e-06	-8.6274e-06	0.0000e+00
581	0.0000e+00	0.0000e+00	-2.5282e-04	-1.2617e-06	-8.9745e-06	0.0000e+00
582	0.0000e+00	0.0000e+00	-3.0608e-04	-1.1720e-06	-9.3459e-06	0.0000e+00
583	0.0000e+00	0.0000e+00	-3.5322e-04	-9.4318e-07	-9.8273e-06	0.0000e+00
584	0.0000e+00	0.0000e+00	-3.8687e-04	-5.0938e-07	-1.0415e-05	0.0000e+00
585	0.0000e+00	0.0000e+00	-3.9673e-04	1.7679e-07	-1.1007e-05	0.0000e+00
586	0.0000e+00	0.0000e+00	-3.7390e-04	9.6007e-07	-1.1349e-05	0.0000e+00
587	0.0000e+00	0.0000e+00	-3.2614e-04	1.1080e-06	-1.1013e-05	0.0000e+00
588	0.0000e+00	0.0000e+00	-3.0811e-04	-4.8048e-07	-1.0564e-05	0.0000e+00
589	0.0000e+00	0.0000e+00	5.0914e-05	6.8219e-07	-2.1457e-06	0.0000e+00
590	0.0000e+00	0.0000e+00	6.3748e-05	-9.7265e-08	-2.3248e-06	0.0000e+00
591	0.0000e+00	0.0000e+00	4.7695e-05	-5.9032e-07	-2.9273e-06	0.0000e+00
592	0.0000e+00	0.0000e+00	1.7760e-05	-7.5141e-07	-3.5865e-06	0.0000e+00
593	0.0000e+00	0.0000e+00	-1.4702e-05	-7.1305e-07	-4.1383e-06	0.0000e+00
594	0.0000e+00	0.0000e+00	-4.2784e-05	-5.3492e-07	-4.5262e-06	0.0000e+00
595	0.0000e+00	0.0000e+00	-6.0281e-05	-2.0769e-07	-4.7024e-06	0.0000e+00
596	0.0000e+00	0.0000e+00	-6.0820e-05	2.4201e-07	-4.5984e-06	0.0000e+00
597	0.0000e+00	0.0000e+00	-4.2323e-05	6.1403e-07	-4.1546e-06	0.0000e+00

598	0.0000e+00	0.0000e+00	-1.6573e-05	4.7968e-07	-3.4852e-06	0.0000e+00
599	0.0000e+00	0.0000e+00	-1.4317e-05	-4.6849e-07	-3.1436e-06	0.0000e+00
600	0.0000e+00	0.0000e+00	4.8353e-05	6.1395e-07	2.1237e-06	0.0000e+00
601	0.0000e+00	0.0000e+00	6.9959e-05	3.5630e-07	1.8935e-06	0.0000e+00
602	0.0000e+00	0.0000e+00	8.0100e-05	1.0576e-07	1.2620e-06	0.0000e+00
603	0.0000e+00	0.0000e+00	8.0293e-05	-9.6015e-08	5.2861e-07	0.0000e+00
604	0.0000e+00	0.0000e+00	7.2443e-05	-2.5529e-07	-4.9683e-08	0.0000e+00
605	0.0000e+00	0.0000e+00	5.8551e-05	-3.5623e-07	-3.2022e-07	0.0000e+00
606	0.0000e+00	0.0000e+00	4.1970e-05	-3.6115e-07	-2.0528e-07	0.0000e+00
607	0.0000e+00	0.0000e+00	2.7413e-05	-2.5935e-07	3.0895e-07	0.0000e+00
608	0.0000e+00	0.0000e+00	1.8429e-05	-1.2680e-07	1.1210e-06	0.0000e+00
609	0.0000e+00	0.0000e+00	1.3027e-05	-1.3304e-07	1.9292e-06	0.0000e+00
610	0.0000e+00	0.0000e+00	1.6566e-06	-4.1528e-07	2.2530e-06	0.0000e+00
611	0.0000e+00	0.0000e+00	-1.0990e-04	6.1075e-07	5.0131e-06	0.0000e+00
612	0.0000e+00	0.0000e+00	-7.7243e-05	8.4837e-07	4.7293e-06	0.0000e+00
613	0.0000e+00	0.0000e+00	-3.8767e-05	8.5512e-07	4.0205e-06	0.0000e+00
614	0.0000e+00	0.0000e+00	-5.9870e-06	5.9769e-07	3.2271e-06	0.0000e+00
615	0.0000e+00	0.0000e+00	1.0979e-05	1.5732e-07	2.6492e-06	0.0000e+00
616	0.0000e+00	0.0000e+00	6.6796e-06	-3.4726e-07	2.4657e-06	0.0000e+00
617	0.0000e+00	0.0000e+00	-1.9100e-05	-7.9901e-07	2.7589e-06	0.0000e+00
618	0.0000e+00	0.0000e+00	-6.1543e-05	-1.0845e-06	3.5216e-06	0.0000e+00
619	0.0000e+00	0.0000e+00	-1.1101e-04	-1.1022e-06	4.5962e-06	0.0000e+00
620	0.0000e+00	0.0000e+00	-1.5455e-04	-8.1966e-07	5.5996e-06	0.0000e+00
621	0.0000e+00	0.0000e+00	-1.8105e-04	-3.7011e-07	6.0005e-06	0.0000e+00
622	0.0000e+00	0.0000e+00	-3.6516e-04	6.0644e-07	6.5823e-06	0.0000e+00
623	0.0000e+00	0.0000e+00	-3.1883e-04	1.4482e-06	6.2233e-06	0.0000e+00
624	0.0000e+00	0.0000e+00	-2.4694e-04	1.7129e-06	5.3457e-06	0.0000e+00
625	0.0000e+00	0.0000e+00	-1.7825e-04	1.3323e-06	4.4603e-06	0.0000e+00
626	0.0000e+00	0.0000e+00	-1.3639e-04	5.3766e-07	3.8835e-06	0.0000e+00
627	0.0000e+00	0.0000e+00	-1.3388e-04	-4.3053e-07	3.7428e-06	0.0000e+00
628	0.0000e+00	0.0000e+00	-1.7412e-04	-1.3874e-06	4.0956e-06	0.0000e+00
629	0.0000e+00	0.0000e+00	-2.5241e-04	-2.1261e-06	4.9683e-06	0.0000e+00
630	0.0000e+00	0.0000e+00	-3.5296e-04	-2.3396e-06	6.2676e-06	0.0000e+00
631	0.0000e+00	0.0000e+00	-4.4546e-04	-1.7164e-06	7.5888e-06	0.0000e+00
632	0.0000e+00	0.0000e+00	-4.9255e-04	-3.5040e-07	8.1710e-06	0.0000e+00
633	0.0000e+00	0.0000e+00	-6.5733e-04	5.3631e-07	6.7021e-06	0.0000e+00
634	0.0000e+00	0.0000e+00	-5.9319e-04	2.2668e-06	6.2015e-06	0.0000e+00
635	0.0000e+00	0.0000e+00	-4.7909e-04	2.7246e-06	5.0722e-06	0.0000e+00
636	0.0000e+00	0.0000e+00	-3.7169e-04	2.0709e-06	4.1839e-06	0.0000e+00
637	0.0000e+00	0.0000e+00	-3.0647e-04	8.7426e-07	3.7092e-06	0.0000e+00
638	0.0000e+00	0.0000e+00	-2.9849e-04	-5.2044e-07	3.5976e-06	0.0000e+00
639	0.0000e+00	0.0000e+00	-3.5253e-04	-1.9511e-06	3.8469e-06	0.0000e+00
640	0.0000e+00	0.0000e+00	-4.6643e-04	-3.2223e-06	4.5571e-06	0.0000e+00
641	0.0000e+00	0.0000e+00	-6.2440e-04	-3.8540e-06	5.8734e-06	0.0000e+00
642	0.0000e+00	0.0000e+00	-7.8140e-04	-3.0096e-06	7.6111e-06	0.0000e+00
643	0.0000e+00	0.0000e+00	-8.5961e-04	-3.6082e-07	8.5322e-06	0.0000e+00
644	0.0000e+00	0.0000e+00	-9.1324e-04	3.4039e-07	4.8629e-06	0.0000e+00
645	0.0000e+00	0.0000e+00	-8.2324e-04	3.4765e-06	4.0712e-06	0.0000e+00
646	0.0000e+00	0.0000e+00	-6.5847e-04	3.7123e-06	2.8282e-06	0.0000e+00
647	0.0000e+00	0.0000e+00	-5.2087e-04	2.5563e-06	2.4557e-06	0.0000e+00
648	0.0000e+00	0.0000e+00	-4.4219e-04	1.0575e-06	2.3758e-06	0.0000e+00
649	0.0000e+00	0.0000e+00	-4.3067e-04	-5.3231e-07	2.3365e-06	0.0000e+00
650	0.0000e+00	0.0000e+00	-4.8969e-04	-2.1984e-06	2.2800e-06	0.0000e+00
651	0.0000e+00	0.0000e+00	-6.2224e-04	-3.9144e-06	2.3237e-06	0.0000e+00
652	0.0000e+00	0.0000e+00	-8.2455e-04	-5.3342e-06	2.8501e-06	0.0000e+00
653	0.0000e+00	0.0000e+00	-1.0598e-03	-4.9528e-06	4.7537e-06	0.0000e+00
654	0.0000e+00	0.0000e+00	-1.1876e-03	-4.1808e-07	6.2788e-06	0.0000e+00
655	0.0000e+00	0.0000e+00	-1.0113e-03	-5.4520e-08	-9.3238e-07	0.0000e+00
656	0.0000e+00	0.0000e+00	-8.8590e-04	5.1868e-06	-1.8626e-06	0.0000e+00
657	0.0000e+00	0.0000e+00	-6.9730e-04	3.6890e-06	-1.3190e-06	0.0000e+00
658	0.0000e+00	0.0000e+00	-5.7106e-04	2.2380e-06	-1.9453e-07	0.0000e+00
659	0.0000e+00	0.0000e+00	-5.0367e-04	9.0164e-07	4.4105e-07	0.0000e+00
660	0.0000e+00	0.0000e+00	-4.9308e-04	-4.1180e-07	5.3108e-07	0.0000e+00
661	0.0000e+00	0.0000e+00	-5.4059e-04	-1.7996e-06	5.5544e-08	0.0000e+00
662	0.0000e+00	0.0000e+00	-6.5151e-04	-3.3787e-06	-1.0269e-06	0.0000e+00
663	0.0000e+00	0.0000e+00	-8.3601e-04	-5.3040e-06	-2.6894e-06	0.0000e+00
664	0.0000e+00	0.0000e+00	-1.1093e-03	-7.6006e-06	-3.4580e-06	0.0000e+00
665	0.0000e+00	0.0000e+00	-1.3090e-03	-5.2505e-07	-1.5234e-06	0.0000e+00
666	0.0000e+00	0.0000e+00	-5.8922e-04	8.0240e-07	-1.0086e-05	0.0000e+00
667	0.0000e+00	0.0000e+00	-5.4820e-04	1.0190e-06	-5.0640e-06	0.0000e+00
668	0.0000e+00	0.0000e+00	-5.0755e-04	8.0688e-07	-2.4627e-06	0.0000e+00
669	0.0000e+00	0.0000e+00	-4.8131e-04	3.7098e-07	-1.3245e-06	0.0000e+00

670	0.0000e+00	0.0000e+00	-4.7686e-04	-1.7683e-07	-1.1529e-06	0.0000e+00
671	0.0000e+00	0.0000e+00	-4.9705e-04	-7.4205e-07	-1.8732e-06	0.0000e+00
672	0.0000e+00	0.0000e+00	-5.4055e-04	-1.2284e-06	-3.7061e-06	0.0000e+00
673	0.0000e+00	0.0000e+00	-6.0151e-04	-1.5282e-06	-7.4117e-06	0.0000e+00
674	0.0000e+00	0.0000e+00	-6.6863e-04	-1.5069e-06	-1.4377e-05	0.0000e+00
675	0.0000e+00	0.0000e+00	-1.0641e-03	-3.3491e-06	-2.1414e-05	0.0000e+00
676	0.0000e+00	0.0000e+00	-2.3086e-03	-2.3006e-07	-3.5247e-05	0.0000e+00
677	0.0000e+00	0.0000e+00	-1.1989e-03	-3.6707e-06	-2.0991e-05	0.0000e+00
678	0.0000e+00	0.0000e+00	-2.3256e-03	-1.0620e-06	-3.0327e-05	0.0000e+00
679	0.0000e+00	0.0000e+00	-1.3469e-03	-3.9927e-06	-2.0148e-05	0.0000e+00
680	0.0000e+00	0.0000e+00	-2.3859e-03	-2.2664e-06	-2.7184e-05	0.0000e+00
681	0.0000e+00	0.0000e+00	-1.5152e-03	-4.5943e-06	-1.9616e-05	0.0000e+00
682	0.0000e+00	0.0000e+00	-2.5018e-03	-3.6896e-06	-2.5330e-05	0.0000e+00
683	0.0000e+00	0.0000e+00	-1.7120e-03	-5.3409e-06	-1.9554e-05	0.0000e+00
684	0.0000e+00	0.0000e+00	-2.6790e-03	-5.1645e-06	-2.4493e-05	0.0000e+00
685	0.0000e+00	0.0000e+00	-1.9389e-03	-6.0353e-06	-1.9969e-05	0.0000e+00
686	0.0000e+00	0.0000e+00	-2.9162e-03	-6.5029e-06	-2.4527e-05	0.0000e+00
687	0.0000e+00	0.0000e+00	-2.1892e-03	-6.4426e-06	-2.0811e-05	0.0000e+00
688	0.0000e+00	0.0000e+00	-3.2041e-03	-7.4863e-06	-2.5363e-05	0.0000e+00
689	0.0000e+00	0.0000e+00	-2.4463e-03	-6.3021e-06	-2.1960e-05	0.0000e+00
690	0.0000e+00	0.0000e+00	-3.5241e-03	-7.8554e-06	-2.7012e-05	0.0000e+00
691	0.0000e+00	0.0000e+00	-2.6862e-03	-5.5445e-06	-2.2937e-05	0.0000e+00
692	0.0000e+00	0.0000e+00	-3.8466e-03	-7.2914e-06	-2.9600e-05	0.0000e+00
693	0.0000e+00	0.0000e+00	-2.9029e-03	-5.3924e-06	-2.3931e-05	0.0000e+00
694	0.0000e+00	0.0000e+00	-3.6806e-04	-2.4616e-06	-1.1002e-05	0.0000e+00
695	0.0000e+00	0.0000e+00	-4.8939e-04	-3.5337e-06	-1.1794e-05	0.0000e+00
696	0.0000e+00	0.0000e+00	-6.3943e-04	-4.0397e-06	-1.2340e-05	0.0000e+00
697	0.0000e+00	0.0000e+00	-8.0763e-04	-4.4592e-06	-1.2800e-05	0.0000e+00
698	0.0000e+00	0.0000e+00	-9.9401e-04	-4.9121e-06	-1.3304e-05	0.0000e+00
699	0.0000e+00	0.0000e+00	-1.1988e-03	-5.3229e-06	-1.3888e-05	0.0000e+00
700	0.0000e+00	0.0000e+00	-1.4174e-03	-5.5496e-06	-1.4499e-05	0.0000e+00
701	0.0000e+00	0.0000e+00	-1.6403e-03	-5.4941e-06	-1.5000e-05	0.0000e+00
702	0.0000e+00	0.0000e+00	-1.8571e-03	-5.2889e-06	-1.5076e-05	0.0000e+00
703	0.0000e+00	0.0000e+00	-2.0690e-03	-5.3218e-06	-1.5571e-05	0.0000e+00
704	0.0000e+00	0.0000e+00	-5.6394e-05	-1.6285e-06	-3.5518e-06	0.0000e+00
705	0.0000e+00	0.0000e+00	-1.4057e-04	-2.5416e-06	-4.4693e-06	0.0000e+00
706	0.0000e+00	0.0000e+00	-2.5462e-04	-3.1667e-06	-5.4976e-06	0.0000e+00
707	0.0000e+00	0.0000e+00	-3.9098e-04	-3.6847e-06	-6.4410e-06	0.0000e+00
708	0.0000e+00	0.0000e+00	-5.4820e-04	-4.2015e-06	-7.2443e-06	0.0000e+00
709	0.0000e+00	0.0000e+00	-7.2627e-04	-4.6984e-06	-7.8792e-06	0.0000e+00
710	0.0000e+00	0.0000e+00	-9.2287e-04	-5.0985e-06	-8.2988e-06	0.0000e+00
711	0.0000e+00	0.0000e+00	-1.1327e-03	-5.3477e-06	-8.4587e-06	0.0000e+00
712	0.0000e+00	0.0000e+00	-1.3495e-03	-5.4596e-06	-8.2661e-06	0.0000e+00
713	0.0000e+00	0.0000e+00	-1.5669e-03	-5.3733e-06	-8.7388e-06	0.0000e+00
714	0.0000e+00	0.0000e+00	-2.3558e-05	-8.6112e-07	1.8648e-06	0.0000e+00
715	0.0000e+00	0.0000e+00	-6.8156e-05	-1.3802e-06	9.3483e-07	0.0000e+00
716	0.0000e+00	0.0000e+00	-1.3441e-04	-1.9551e-06	-2.3432e-07	0.0000e+00
717	0.0000e+00	0.0000e+00	-2.2531e-04	-2.6177e-06	-1.3644e-06	0.0000e+00
718	0.0000e+00	0.0000e+00	-3.4465e-04	-3.3680e-06	-2.2884e-06	0.0000e+00
719	0.0000e+00	0.0000e+00	-4.9503e-04	-4.1492e-06	-2.9246e-06	0.0000e+00
720	0.0000e+00	0.0000e+00	-6.7581e-04	-4.8675e-06	-3.2391e-06	0.0000e+00
721	0.0000e+00	0.0000e+00	-8.8228e-04	-5.4183e-06	-3.2635e-06	0.0000e+00
722	0.0000e+00	0.0000e+00	-1.1054e-03	-5.6850e-06	-2.9985e-06	0.0000e+00
723	0.0000e+00	0.0000e+00	-1.3295e-03	-5.4564e-06	-3.5373e-06	0.0000e+00
724	0.0000e+00	0.0000e+00	-1.8940e-04	-8.5797e-08	5.5884e-06	0.0000e+00
725	0.0000e+00	0.0000e+00	-1.9248e-04	-1.3811e-07	4.5730e-06	0.0000e+00
726	0.0000e+00	0.0000e+00	-2.0600e-04	-6.0631e-07	3.2916e-06	0.0000e+00
727	0.0000e+00	0.0000e+00	-2.4584e-04	-1.4341e-06	2.0688e-06	0.0000e+00
728	0.0000e+00	0.0000e+00	-3.2398e-04	-2.4970e-06	1.1014e-06	0.0000e+00
729	0.0000e+00	0.0000e+00	-4.4689e-04	-3.6496e-06	4.7544e-07	0.0000e+00
730	0.0000e+00	0.0000e+00	-6.1498e-04	-4.7332e-06	2.0698e-07	0.0000e+00
731	0.0000e+00	0.0000e+00	-8.2183e-04	-5.5615e-06	2.3048e-07	0.0000e+00
732	0.0000e+00	0.0000e+00	-1.0529e-03	-5.9114e-06	5.2097e-07	0.0000e+00
733	0.0000e+00	0.0000e+00	-1.2830e-03	-5.5054e-06	-1.2014e-07	0.0000e+00
734	0.0000e+00	0.0000e+00	-4.8160e-04	8.2011e-07	7.6568e-06	0.0000e+00
735	0.0000e+00	0.0000e+00	-4.3676e-04	1.2735e-06	6.4180e-06	0.0000e+00
736	0.0000e+00	0.0000e+00	-3.9170e-04	8.6002e-07	4.9791e-06	0.0000e+00
737	0.0000e+00	0.0000e+00	-3.7731e-04	-2.0268e-07	3.7089e-06	0.0000e+00
738	0.0000e+00	0.0000e+00	-4.1341e-04	-1.6251e-06	2.7517e-06	0.0000e+00
739	0.0000e+00	0.0000e+00	-5.0928e-04	-3.1694e-06	2.1371e-06	0.0000e+00
740	0.0000e+00	0.0000e+00	-6.6550e-04	-4.6209e-06	1.8591e-06	0.0000e+00
741	0.0000e+00	0.0000e+00	-8.7336e-04	-5.7168e-06	1.8591e-06	0.0000e+00

742	0.0000e+00	0.0000e+00	-1.1122e-03	-6.1193e-06	2.1354e-06	0.0000e+00
743	0.0000e+00	0.0000e+00	-1.3461e-03	-5.4542e-06	1.3376e-06	0.0000e+00
744	0.0000e+00	0.0000e+00	-8.2267e-04	2.0464e-06	7.7755e-06	0.0000e+00
745	0.0000e+00	0.0000e+00	-7.1736e-04	2.9549e-06	6.1632e-06	0.0000e+00
746	0.0000e+00	0.0000e+00	-6.0797e-04	2.3830e-06	4.6534e-06	0.0000e+00
747	0.0000e+00	0.0000e+00	-5.4034e-04	9.6772e-07	3.5186e-06	0.0000e+00
748	0.0000e+00	0.0000e+00	-5.3709e-04	-8.0267e-07	2.6961e-06	0.0000e+00
749	0.0000e+00	0.0000e+00	-6.0655e-04	-2.6673e-06	2.1016e-06	0.0000e+00
750	0.0000e+00	0.0000e+00	-7.4857e-04	-4.4271e-06	1.7152e-06	0.0000e+00
751	0.0000e+00	0.0000e+00	-9.5365e-04	-5.7855e-06	1.5403e-06	0.0000e+00
752	0.0000e+00	0.0000e+00	-1.1969e-03	-6.2526e-06	1.6873e-06	0.0000e+00
753	0.0000e+00	0.0000e+00	-1.4296e-03	-5.2135e-06	6.2710e-07	0.0000e+00
754	0.0000e+00	0.0000e+00	-1.1104e-03	3.8950e-06	5.0330e-06	0.0000e+00
755	0.0000e+00	0.0000e+00	-9.2961e-04	4.7457e-06	3.1201e-06	0.0000e+00
756	0.0000e+00	0.0000e+00	-7.6354e-04	3.5715e-06	2.1929e-06	0.0000e+00
757	0.0000e+00	0.0000e+00	-6.5784e-04	1.7880e-06	1.6791e-06	0.0000e+00
758	0.0000e+00	0.0000e+00	-6.2574e-04	-1.3473e-07	1.2198e-06	0.0000e+00
759	0.0000e+00	0.0000e+00	-6.6998e-04	-2.0712e-06	6.5844e-07	0.0000e+00
760	0.0000e+00	0.0000e+00	-7.8963e-04	-3.9374e-06	-8.1330e-09	0.0000e+00
761	0.0000e+00	0.0000e+00	-9.7815e-04	-5.5094e-06	-6.8773e-07	0.0000e+00
762	0.0000e+00	0.0000e+00	-1.2135e-03	-6.1548e-06	-9.8637e-07	0.0000e+00
763	0.0000e+00	0.0000e+00	-1.4344e-03	-4.6512e-06	-2.5196e-06	0.0000e+00
764	0.0000e+00	0.0000e+00	-1.1759e-03	6.8184e-06	-2.9728e-06	0.0000e+00
765	0.0000e+00	0.0000e+00	-9.4160e-04	5.2716e-06	-3.0195e-06	0.0000e+00
766	0.0000e+00	0.0000e+00	-7.7318e-04	3.4760e-06	-1.8383e-06	0.0000e+00
767	0.0000e+00	0.0000e+00	-6.7021e-04	1.8281e-06	-1.1387e-06	0.0000e+00
768	0.0000e+00	0.0000e+00	-6.2955e-04	2.6368e-07	-1.0629e-06	0.0000e+00
769	0.0000e+00	0.0000e+00	-6.4989e-04	-1.2819e-06	-1.6061e-06	0.0000e+00
770	0.0000e+00	0.0000e+00	-7.3103e-04	-2.8245e-06	-2.7207e-06	0.0000e+00
771	0.0000e+00	0.0000e+00	-8.7161e-04	-4.2986e-06	-4.3466e-06	0.0000e+00
772	0.0000e+00	0.0000e+00	-1.0632e-03	-5.3657e-06	-5.9204e-06	0.0000e+00
773	0.0000e+00	0.0000e+00	-1.2493e-03	-3.5860e-06	-8.4872e-06	0.0000e+00
774	0.0000e+00	0.0000e+00	-7.1559e-04	1.0189e-06	-1.5589e-05	0.0000e+00
775	0.0000e+00	0.0000e+00	-6.6536e-04	1.4471e-06	-9.0098e-06	0.0000e+00
776	0.0000e+00	0.0000e+00	-6.0829e-04	1.3768e-06	-5.3409e-06	0.0000e+00
777	0.0000e+00	0.0000e+00	-5.6017e-04	1.0026e-06	-3.7199e-06	0.0000e+00
778	0.0000e+00	0.0000e+00	-5.3095e-04	4.3348e-07	-3.3518e-06	0.0000e+00
779	0.0000e+00	0.0000e+00	-5.2676e-04	-2.4649e-07	-3.9529e-06	0.0000e+00
780	0.0000e+00	0.0000e+00	-5.5037e-04	-9.5206e-07	-5.4375e-06	0.0000e+00
781	0.0000e+00	0.0000e+00	-6.0077e-04	-1.5777e-06	-7.8994e-06	0.0000e+00
782	0.0000e+00	0.0000e+00	-6.7175e-04	-1.9715e-06	-1.1255e-05	0.0000e+00
783	0.0000e+00	0.0000e+00	1.7890e-04	3.7058e-07	4.8924e-06	0.0000e+00
784	0.0000e+00	0.0000e+00	4.5752e-04	-7.6909e-07	7.7271e-06	0.0000e+00
785	0.0000e+00	0.0000e+00	1.7690e-04	-3.8842e-07	4.1723e-06	0.0000e+00
786	0.0000e+00	0.0000e+00	3.9856e-04	-1.5672e-06	5.8896e-06	0.0000e+00
787	0.0000e+00	0.0000e+00	1.4663e-04	-9.2270e-07	3.2208e-06	0.0000e+00
788	0.0000e+00	0.0000e+00	3.1464e-04	-1.9809e-06	4.4166e-06	0.0000e+00
789	0.0000e+00	0.0000e+00	1.0018e-04	-1.1461e-06	2.2896e-06	0.0000e+00
790	0.0000e+00	0.0000e+00	2.2052e-04	-2.0695e-06	3.1899e-06	0.0000e+00
791	0.0000e+00	0.0000e+00	5.0738e-05	-1.0718e-06	1.4380e-06	0.0000e+00
792	0.0000e+00	0.0000e+00	1.2935e-04	-1.8608e-06	2.1529e-06	0.0000e+00
793	0.0000e+00	0.0000e+00	1.0877e-05	-7.1530e-07	6.9434e-07	0.0000e+00
794	0.0000e+00	0.0000e+00	5.3603e-05	-1.3579e-06	1.2785e-06	0.0000e+00
795	0.0000e+00	0.0000e+00	-7.7162e-06	-1.1194e-07	1.2469e-07	0.0000e+00
796	0.0000e+00	0.0000e+00	6.0269e-06	-5.3489e-07	5.5896e-07	0.0000e+00
797	0.0000e+00	0.0000e+00	6.9625e-08	3.5195e-07	4.5305e-10	0.0000e+00
798	0.0000e+00	0.0000e+00	2.4498e-05	4.6218e-07	2.3438e-06	0.0000e+00
799	0.0000e+00	0.0000e+00	3.8726e-05	1.7755e-07	2.2208e-06	0.0000e+00
800	0.0000e+00	0.0000e+00	3.6963e-05	-2.0147e-07	1.8190e-06	0.0000e+00
801	0.0000e+00	0.0000e+00	2.1942e-05	-4.1739e-07	1.3005e-06	0.0000e+00
802	0.0000e+00	0.0000e+00	2.5671e-06	-4.0422e-07	7.7422e-07	0.0000e+00
803	0.0000e+00	0.0000e+00	-1.1308e-05	-1.7512e-07	3.2413e-07	0.0000e+00
804	0.0000e+00	0.0000e+00	-1.2092e-05	1.6645e-07	4.9478e-08	0.0000e+00
805	0.0000e+00	0.0000e+00	5.0374e-08	3.6024e-07	4.2500e-10	0.0000e+00
806	0.0000e+00	0.0000e+00	-3.7028e-05	3.9240e-07	5.6500e-07	0.0000e+00
807	0.0000e+00	0.0000e+00	-2.1944e-05	2.8548e-07	6.4233e-07	0.0000e+00
808	0.0000e+00	0.0000e+00	-1.4536e-05	7.8483e-08	5.9128e-07	0.0000e+00
809	0.0000e+00	0.0000e+00	-1.5128e-05	-6.1415e-08	4.2602e-07	0.0000e+00
810	0.0000e+00	0.0000e+00	-1.8809e-05	-6.1140e-08	2.1670e-07	0.0000e+00
811	0.0000e+00	0.0000e+00	-1.9422e-05	6.8744e-08	4.2147e-08	0.0000e+00
812	0.0000e+00	0.0000e+00	-1.2853e-05	2.4522e-07	-3.1134e-08	0.0000e+00
813	0.0000e+00	0.0000e+00	3.3270e-08	3.3241e-07	3.5846e-10	0.0000e+00



814	0.0000e+00	0.0000e+00	-3.3409e-05	2.5048e-07	-6.7579e-07	0.0000e+00
815	0.0000e+00	0.0000e+00	-2.4175e-05	1.7292e-07	-4.7665e-07	0.0000e+00
816	0.0000e+00	0.0000e+00	-1.9390e-05	6.4152e-08	-3.1551e-07	0.0000e+00
817	0.0000e+00	0.0000e+00	-1.8563e-05	2.1146e-09	-2.3292e-07	0.0000e+00
818	0.0000e+00	0.0000e+00	-1.8694e-05	2.0680e-08	-2.0469e-07	0.0000e+00
819	0.0000e+00	0.0000e+00	-1.6406e-05	1.0507e-07	-1.7883e-07	0.0000e+00
820	0.0000e+00	0.0000e+00	-9.8611e-06	2.0251e-07	-1.1155e-07	0.0000e+00
821	0.0000e+00	0.0000e+00	1.9340e-08	2.4626e-07	2.8120e-10	0.0000e+00
822	0.0000e+00	0.0000e+00	1.4681e-05	2.9204e-08	-1.4892e-06	0.0000e+00
823	0.0000e+00	0.0000e+00	1.3123e-05	-8.4798e-08	-1.1823e-06	0.0000e+00
824	0.0000e+00	0.0000e+00	7.7446e-06	-1.4127e-07	-8.7871e-07	0.0000e+00
825	0.0000e+00	0.0000e+00	1.3535e-06	-1.3261e-07	-6.4239e-07	0.0000e+00
826	0.0000e+00	0.0000e+00	-3.4928e-06	-7.4955e-08	-4.7049e-07	0.0000e+00
827	0.0000e+00	0.0000e+00	-5.2341e-06	3.6000e-09	-3.2557e-07	0.0000e+00
828	0.0000e+00	0.0000e+00	-3.6702e-06	7.0145e-08	-1.7182e-07	0.0000e+00
829	0.0000e+00	0.0000e+00	8.7353e-09	9.6207e-08	2.0673e-10	0.0000e+00
830	0.0000e+00	0.0000e+00	8.9554e-05	-2.8627e-07	-1.9068e-06	0.0000e+00
831	0.0000e+00	0.0000e+00	7.2529e-05	-4.5796e-07	-1.4899e-06	0.0000e+00
832	0.0000e+00	0.0000e+00	5.1921e-05	-4.6138e-07	-1.0952e-06	0.0000e+00
833	0.0000e+00	0.0000e+00	3.3532e-05	-3.7109e-07	-7.9362e-07	0.0000e+00
834	0.0000e+00	0.0000e+00	1.9769e-05	-2.5863e-07	-5.7259e-07	0.0000e+00
835	0.0000e+00	0.0000e+00	1.0557e-05	-1.6673e-07	-3.8851e-07	0.0000e+00
836	0.0000e+00	0.0000e+00	4.5350e-06	-1.1311e-07	-2.0219e-07	0.0000e+00
837	0.0000e+00	0.0000e+00	1.1903e-09	-9.7011e-08	1.4099e-10	0.0000e+00
838	0.0000e+00	0.0000e+00	1.7301e-04	-7.2132e-07	-1.8697e-06	0.0000e+00
839	0.0000e+00	0.0000e+00	1.3586e-04	-9.1713e-07	-1.3449e-06	0.0000e+00
840	0.0000e+00	0.0000e+00	9.7685e-05	-8.1182e-07	-9.4423e-07	0.0000e+00
841	0.0000e+00	0.0000e+00	6.6714e-05	-6.1341e-07	-6.8886e-07	0.0000e+00
842	0.0000e+00	0.0000e+00	4.4018e-05	-4.4114e-07	-5.1797e-07	0.0000e+00
843	0.0000e+00	0.0000e+00	2.7323e-05	-3.3908e-07	-3.7246e-07	0.0000e+00
844	0.0000e+00	0.0000e+00	1.3435e-05	-3.0723e-07	-2.0585e-07	0.0000e+00
845	0.0000e+00	0.0000e+00	-3.7070e-09	-3.0853e-07	8.5047e-11	0.0000e+00
846	0.0000e+00	0.0000e+00	2.4135e-04	-1.3163e-06	-1.1665e-06	0.0000e+00
847	0.0000e+00	0.0000e+00	1.8095e-04	-1.3611e-06	-6.1769e-07	0.0000e+00
848	0.0000e+00	0.0000e+00	1.2879e-04	-1.0490e-06	-4.2653e-07	0.0000e+00
849	0.0000e+00	0.0000e+00	9.0323e-05	-7.4484e-07	-3.6568e-07	0.0000e+00
850	0.0000e+00	0.0000e+00	6.2937e-05	-5.3789e-07	-3.3611e-07	0.0000e+00
851	0.0000e+00	0.0000e+00	4.1918e-05	-4.5086e-07	-2.9418e-07	0.0000e+00
852	0.0000e+00	0.0000e+00	2.2102e-05	-4.7668e-07	-1.9811e-07	0.0000e+00
853	0.0000e+00	0.0000e+00	-6.3394e-09	-5.2896e-07	3.6573e-11	0.0000e+00
854	0.0000e+00	0.0000e+00	2.5492e-04	-2.0562e-06	7.8572e-07	0.0000e+00
855	0.0000e+00	0.0000e+00	1.8188e-04	-1.4154e-06	6.5387e-07	0.0000e+00
856	0.0000e+00	0.0000e+00	1.3168e-04	-9.6230e-07	3.0047e-07	0.0000e+00
857	0.0000e+00	0.0000e+00	9.7002e-05	-6.6783e-07	5.6954e-08	0.0000e+00
858	0.0000e+00	0.0000e+00	7.2125e-05	-4.9837e-07	-8.5352e-08	0.0000e+00
859	0.0000e+00	0.0000e+00	5.1917e-05	-4.5034e-07	-1.5988e-07	0.0000e+00
860	0.0000e+00	0.0000e+00	3.0426e-05	-5.6628e-07	-1.9831e-07	0.0000e+00
861	0.0000e+00	0.0000e+00	-6.9217e-09	-7.7486e-07	-1.0028e-11	0.0000e+00
862	0.0000e+00	0.0000e+00	1.5518e-04	-6.8878e-07	3.2286e-06	0.0000e+00
863	0.0000e+00	0.0000e+00	1.2797e-04	-5.6825e-07	1.6593e-06	0.0000e+00
864	0.0000e+00	0.0000e+00	1.0534e-04	-4.7231e-07	8.2249e-07	0.0000e+00
865	0.0000e+00	0.0000e+00	8.6512e-05	-3.9516e-07	3.8478e-07	0.0000e+00
866	0.0000e+00	0.0000e+00	7.0284e-05	-3.5530e-07	1.5280e-07	0.0000e+00
867	0.0000e+00	0.0000e+00	5.4451e-05	-3.7973e-07	4.2356e-08	0.0000e+00
868	0.0000e+00	0.0000e+00	3.4984e-05	-5.3333e-07	3.9096e-09	0.0000e+00
869	0.0000e+00	0.0000e+00	7.8530e-06	-1.1205e-07	-1.2382e-07	0.0000e+00
870	0.0000e+00	0.0000e+00	-5.8539e-06	-5.3499e-07	-5.5819e-07	0.0000e+00
871	0.0000e+00	0.0000e+00	-1.0745e-05	-7.1542e-07	-6.9350e-07	0.0000e+00
872	0.0000e+00	0.0000e+00	-5.3436e-05	-1.3581e-06	-1.2777e-06	0.0000e+00
873	0.0000e+00	0.0000e+00	-5.0612e-05	-1.0719e-06	-1.4372e-06	0.0000e+00
874	0.0000e+00	0.0000e+00	-1.2919e-04	-1.8609e-06	-2.1522e-06	0.0000e+00
875	0.0000e+00	0.0000e+00	-1.0006e-04	-1.1462e-06	-2.2889e-06	0.0000e+00
876	0.0000e+00	0.0000e+00	-2.2036e-04	-2.0696e-06	-3.1892e-06	0.0000e+00
877	0.0000e+00	0.0000e+00	-1.4651e-04	-9.2275e-07	-3.2201e-06	0.0000e+00
878	0.0000e+00	0.0000e+00	-3.1448e-04	-1.9810e-06	-4.4160e-06	0.0000e+00
879	0.0000e+00	0.0000e+00	-1.7679e-04	-3.8845e-07	-4.1716e-06	0.0000e+00
880	0.0000e+00	0.0000e+00	-3.9841e-04	-1.5673e-06	-5.8889e-06	0.0000e+00
881	0.0000e+00	0.0000e+00	-1.7878e-04	3.7052e-07	-4.8917e-06	0.0000e+00
882	0.0000e+00	0.0000e+00	-4.5737e-04	-7.6922e-07	-7.7265e-06	0.0000e+00
883	0.0000e+00	0.0000e+00	1.2191e-05	1.6639e-07	-4.8648e-08	0.0000e+00
884	0.0000e+00	0.0000e+00	1.1404e-05	-1.7520e-07	-3.2334e-07	0.0000e+00
885	0.0000e+00	0.0000e+00	-2.4746e-06	-4.0429e-07	-7.7346e-07	0.0000e+00

886	0.0000e+00	0.0000e+00	-2.1853e-05	-4.1744e-07	-1.2998e-06	0.0000e+00
887	0.0000e+00	0.0000e+00	-3.6875e-05	-2.0149e-07	-1.8183e-06	0.0000e+00
888	0.0000e+00	0.0000e+00	-3.8639e-05	1.7753e-07	-2.2201e-06	0.0000e+00
889	0.0000e+00	0.0000e+00	-2.4412e-05	4.6213e-07	-2.3431e-06	0.0000e+00
890	0.0000e+00	0.0000e+00	1.2919e-05	2.4518e-07	3.1838e-08	0.0000e+00
891	0.0000e+00	0.0000e+00	1.9486e-05	6.8696e-08	-4.1470e-08	0.0000e+00
892	0.0000e+00	0.0000e+00	1.8871e-05	-6.1182e-08	-2.1605e-07	0.0000e+00
893	0.0000e+00	0.0000e+00	1.5188e-05	-6.1440e-08	-4.2539e-07	0.0000e+00
894	0.0000e+00	0.0000e+00	1.4596e-05	7.8475e-08	-5.9067e-07	0.0000e+00
895	0.0000e+00	0.0000e+00	2.2003e-05	2.8547e-07	-6.4173e-07	0.0000e+00
896	0.0000e+00	0.0000e+00	3.7087e-05	3.9237e-07	-5.6441e-07	0.0000e+00
897	0.0000e+00	0.0000e+00	9.8994e-06	2.0249e-07	1.1210e-07	0.0000e+00
898	0.0000e+00	0.0000e+00	1.6443e-05	1.0504e-07	1.7937e-07	0.0000e+00
899	0.0000e+00	0.0000e+00	1.8730e-05	2.0661e-08	2.0521e-07	0.0000e+00
900	0.0000e+00	0.0000e+00	1.8599e-05	2.1065e-09	2.3342e-07	0.0000e+00
901	0.0000e+00	0.0000e+00	1.9426e-05	6.4154e-08	3.1600e-07	0.0000e+00
902	0.0000e+00	0.0000e+00	2.4211e-05	1.7293e-07	4.7714e-07	0.0000e+00
903	0.0000e+00	0.0000e+00	3.3445e-05	2.5047e-07	6.7627e-07	0.0000e+00
904	0.0000e+00	0.0000e+00	3.6876e-06	7.0139e-08	1.7223e-07	0.0000e+00
905	0.0000e+00	0.0000e+00	5.2511e-06	3.5915e-09	3.2597e-07	0.0000e+00
906	0.0000e+00	0.0000e+00	3.5095e-06	-7.4960e-08	4.7088e-07	0.0000e+00
907	0.0000e+00	0.0000e+00	-1.3369e-06	-1.3261e-07	6.4277e-07	0.0000e+00
908	0.0000e+00	0.0000e+00	-7.7278e-06	-1.4127e-07	8.7908e-07	0.0000e+00
909	0.0000e+00	0.0000e+00	-1.3105e-05	-8.4787e-08	1.1827e-06	0.0000e+00
910	0.0000e+00	0.0000e+00	-1.4664e-05	2.9210e-08	1.4895e-06	0.0000e+00
911	0.0000e+00	0.0000e+00	-4.5327e-06	-1.1311e-07	2.0247e-07	0.0000e+00
912	0.0000e+00	0.0000e+00	-1.0555e-05	-1.6673e-07	3.8878e-07	0.0000e+00
913	0.0000e+00	0.0000e+00	-1.9767e-05	-2.5863e-07	5.7286e-07	0.0000e+00
914	0.0000e+00	0.0000e+00	-3.3529e-05	-3.7108e-07	7.9388e-07	0.0000e+00
915	0.0000e+00	0.0000e+00	-5.1918e-05	-4.6137e-07	1.0955e-06	0.0000e+00
916	0.0000e+00	0.0000e+00	-7.2526e-05	-4.5794e-07	1.4901e-06	0.0000e+00
917	0.0000e+00	0.0000e+00	-8.9550e-05	-2.8626e-07	1.9071e-06	0.0000e+00
918	0.0000e+00	0.0000e+00	-1.3442e-05	-3.0723e-07	2.0602e-07	0.0000e+00
919	0.0000e+00	0.0000e+00	-2.7330e-05	-3.3907e-07	3.7262e-07	0.0000e+00
920	0.0000e+00	0.0000e+00	-4.4025e-05	-4.4113e-07	5.1813e-07	0.0000e+00
921	0.0000e+00	0.0000e+00	-6.6721e-05	-6.1340e-07	6.8903e-07	0.0000e+00
922	0.0000e+00	0.0000e+00	-9.7691e-05	-8.1181e-07	9.4439e-07	0.0000e+00
923	0.0000e+00	0.0000e+00	-1.3587e-04	-9.1712e-07	1.3451e-06	0.0000e+00
924	0.0000e+00	0.0000e+00	-1.7302e-04	-7.2130e-07	1.8699e-06	0.0000e+00
925	0.0000e+00	0.0000e+00	-2.2115e-05	-4.7668e-07	1.9818e-07	0.0000e+00
926	0.0000e+00	0.0000e+00	-4.1930e-05	-4.5086e-07	2.9425e-07	0.0000e+00
927	0.0000e+00	0.0000e+00	-6.2949e-05	-5.3789e-07	3.3619e-07	0.0000e+00
928	0.0000e+00	0.0000e+00	-9.0335e-05	-7.4483e-07	3.6575e-07	0.0000e+00
929	0.0000e+00	0.0000e+00	-1.2880e-04	-1.0490e-06	4.2660e-07	0.0000e+00
930	0.0000e+00	0.0000e+00	-1.8096e-04	-1.3611e-06	6.1776e-07	0.0000e+00
931	0.0000e+00	0.0000e+00	-2.4136e-04	-1.3163e-06	1.1666e-06	0.0000e+00
932	0.0000e+00	0.0000e+00	-3.0440e-05	-5.6627e-07	1.9829e-07	0.0000e+00
933	0.0000e+00	0.0000e+00	-5.1930e-05	-4.5034e-07	1.5987e-07	0.0000e+00
934	0.0000e+00	0.0000e+00	-7.2138e-05	-4.9837e-07	8.5341e-08	0.0000e+00
935	0.0000e+00	0.0000e+00	-9.7015e-05	-6.6783e-07	-5.6961e-08	0.0000e+00
936	0.0000e+00	0.0000e+00	-1.3169e-04	-9.6229e-07	-3.0047e-07	0.0000e+00
937	0.0000e+00	0.0000e+00	-1.8190e-04	-1.4154e-06	-6.5388e-07	0.0000e+00
938	0.0000e+00	0.0000e+00	-2.5493e-04	-2.0562e-06	-7.8573e-07	0.0000e+00
939	0.0000e+00	0.0000e+00	-3.4994e-05	-5.3334e-07	-4.0211e-09	0.0000e+00
940	0.0000e+00	0.0000e+00	-5.4462e-05	-3.7974e-07	-4.2450e-08	0.0000e+00
941	0.0000e+00	0.0000e+00	-7.0295e-05	-3.5530e-07	-1.5289e-07	0.0000e+00
942	0.0000e+00	0.0000e+00	-8.6523e-05	-3.9516e-07	-3.8486e-07	0.0000e+00
943	0.0000e+00	0.0000e+00	-1.0535e-04	-4.7230e-07	-8.2257e-07	0.0000e+00
944	0.0000e+00	0.0000e+00	-1.2798e-04	-5.6823e-07	-1.6593e-06	0.0000e+00
945	0.0000e+00	0.0000e+00	-1.5519e-04	-6.8876e-07	-3.2287e-06	0.0000e+00
946	0.0000e+00	0.0000e+00	7.7432e-04	2.6401e-06	1.7029e-05	0.0000e+00
947	0.0000e+00	0.0000e+00	1.7503e-03	7.1372e-07	2.7280e-05	0.0000e+00
948	0.0000e+00	0.0000e+00	8.5430e-04	1.5180e-06	1.6727e-05	0.0000e+00
949	0.0000e+00	0.0000e+00	1.7497e-03	-2.0233e-07	2.3998e-05	0.0000e+00
950	0.0000e+00	0.0000e+00	8.9067e-04	4.4385e-07	1.5962e-05	0.0000e+00
951	0.0000e+00	0.0000e+00	1.7256e-03	-6.2618e-07	2.2045e-05	0.0000e+00
952	0.0000e+00	0.0000e+00	8.9169e-04	-3.3686e-07	1.5359e-05	0.0000e+00
953	0.0000e+00	0.0000e+00	1.6939e-03	-7.1000e-07	2.1177e-05	0.0000e+00
954	0.0000e+00	0.0000e+00	8.6754e-04	-8.9850e-07	1.4994e-05	0.0000e+00
955	0.0000e+00	0.0000e+00	1.6655e-03	-5.7764e-07	2.1357e-05	0.0000e+00
956	0.0000e+00	0.0000e+00	8.2776e-04	-1.1605e-06	1.4552e-05	0.0000e+00
957	0.0000e+00	0.0000e+00	1.6464e-03	-3.3614e-07	2.2743e-05	0.0000e+00

958	0.0000e+00	0.0000e+00	2.2413e-04	1.8182e-06	8.6022e-06	0.0000e+00
959	0.0000e+00	0.0000e+00	2.9477e-04	1.6165e-06	9.1182e-06	0.0000e+00
960	0.0000e+00	0.0000e+00	3.4390e-04	8.7687e-07	9.1650e-06	0.0000e+00
961	0.0000e+00	0.0000e+00	3.6300e-04	1.3799e-07	8.9289e-06	0.0000e+00
962	0.0000e+00	0.0000e+00	3.5759e-04	-3.4452e-07	8.5188e-06	0.0000e+00
963	0.0000e+00	0.0000e+00	3.4180e-04	-3.3459e-07	7.9652e-06	0.0000e+00
964	0.0000e+00	0.0000e+00	-1.2303e-05	1.1843e-06	2.4814e-06	0.0000e+00
965	0.0000e+00	0.0000e+00	3.6415e-05	1.1806e-06	2.9782e-06	0.0000e+00
966	0.0000e+00	0.0000e+00	7.6447e-05	8.0986e-07	3.2981e-06	0.0000e+00
967	0.0000e+00	0.0000e+00	9.9228e-05	3.6237e-07	3.3434e-06	0.0000e+00
968	0.0000e+00	0.0000e+00	1.0666e-04	6.8274e-08	3.1693e-06	0.0000e+00
969	0.0000e+00	0.0000e+00	1.0767e-04	5.2762e-08	2.9296e-06	0.0000e+00
970	0.0000e+00	0.0000e+00	-2.0882e-05	7.3839e-07	-1.9066e-06	0.0000e+00
971	0.0000e+00	0.0000e+00	8.1642e-06	6.9203e-07	-1.4671e-06	0.0000e+00
972	0.0000e+00	0.0000e+00	3.2491e-05	5.2393e-07	-1.0622e-06	0.0000e+00
973	0.0000e+00	0.0000e+00	4.9240e-05	3.3122e-07	-8.4540e-07	0.0000e+00
974	0.0000e+00	0.0000e+00	5.9092e-05	1.8791e-07	-8.0868e-07	0.0000e+00
975	0.0000e+00	0.0000e+00	6.4680e-05	1.1794e-07	-8.1463e-07	0.0000e+00
976	0.0000e+00	0.0000e+00	1.2876e-04	3.4534e-07	-4.7995e-06	0.0000e+00
977	0.0000e+00	0.0000e+00	1.3839e-04	1.6728e-07	-4.3090e-06	0.0000e+00
978	0.0000e+00	0.0000e+00	1.4356e-04	1.1983e-07	-3.8141e-06	0.0000e+00
979	0.0000e+00	0.0000e+00	1.4866e-04	1.4553e-07	-3.5047e-06	0.0000e+00
980	0.0000e+00	0.0000e+00	1.5458e-04	1.3930e-07	-3.3921e-06	0.0000e+00
981	0.0000e+00	0.0000e+00	1.5812e-04	1.7017e-08	-3.3307e-06	0.0000e+00
982	0.0000e+00	0.0000e+00	3.7300e-04	-1.5775e-07	-6.2463e-06	0.0000e+00
983	0.0000e+00	0.0000e+00	3.5783e-04	-5.0099e-07	-5.5487e-06	0.0000e+00
984	0.0000e+00	0.0000e+00	3.3876e-04	-3.8644e-07	-4.9052e-06	0.0000e+00
985	0.0000e+00	0.0000e+00	3.2956e-04	-7.0179e-08	-4.5657e-06	0.0000e+00
986	0.0000e+00	0.0000e+00	3.3156e-04	1.1633e-07	-4.5345e-06	0.0000e+00
987	0.0000e+00	0.0000e+00	3.3424e-04	-6.3807e-08	-4.6041e-06	0.0000e+00
988	0.0000e+00	0.0000e+00	6.4576e-04	-9.7975e-07	-6.0758e-06	0.0000e+00
989	0.0000e+00	0.0000e+00	5.9335e-04	-1.4441e-06	-4.9976e-06	0.0000e+00
990	0.0000e+00	0.0000e+00	5.4309e-04	-9.8066e-07	-4.1989e-06	0.0000e+00
991	0.0000e+00	0.0000e+00	5.1989e-04	-1.9050e-07	-3.9099e-06	0.0000e+00
992	0.0000e+00	0.0000e+00	5.2456e-04	3.3031e-07	-4.0937e-06	0.0000e+00
993	0.0000e+00	0.0000e+00	5.3648e-04	1.0061e-07	-4.5112e-06	0.0000e+00
994	0.0000e+00	0.0000e+00	8.6572e-04	-2.4041e-06	-3.7091e-06	0.0000e+00
995	0.0000e+00	0.0000e+00	7.5911e-04	-2.6321e-06	-2.2528e-06	0.0000e+00
996	0.0000e+00	0.0000e+00	6.7610e-04	-1.5141e-06	-1.6461e-06	0.0000e+00
997	0.0000e+00	0.0000e+00	6.4356e-04	-1.4778e-07	-1.5295e-06	0.0000e+00
998	0.0000e+00	0.0000e+00	6.5960e-04	8.8869e-07	-1.8204e-06	0.0000e+00
999	0.0000e+00	0.0000e+00	6.9825e-04	7.8739e-07	-2.6804e-06	0.0000e+00
1000	0.0000e+00	0.0000e+00	9.0827e-04	-4.7376e-06	2.4437e-06	0.0000e+00
1001	0.0000e+00	0.0000e+00	7.5650e-04	-3.1341e-06	2.6642e-06	0.0000e+00
1002	0.0000e+00	0.0000e+00	6.6741e-04	-1.5304e-06	2.0886e-06	0.0000e+00
1003	0.0000e+00	0.0000e+00	6.3568e-04	-1.0204e-07	1.9286e-06	0.0000e+00
1004	0.0000e+00	0.0000e+00	6.5644e-04	1.2376e-06	2.1899e-06	0.0000e+00
1005	0.0000e+00	0.0000e+00	7.2448e-04	2.3107e-06	1.9564e-06	0.0000e+00
1006	0.0000e+00	0.0000e+00	5.6562e-04	-8.5328e-07	1.1380e-05	0.0000e+00
1007	0.0000e+00	0.0000e+00	5.3291e-04	-7.8498e-07	7.0671e-06	0.0000e+00
1008	0.0000e+00	0.0000e+00	5.0513e-04	-6.0345e-07	4.9746e-06	0.0000e+00
1009	0.0000e+00	0.0000e+00	4.8508e-04	-4.0387e-07	4.6416e-06	0.0000e+00
1010	0.0000e+00	0.0000e+00	4.7131e-04	-2.9746e-07	5.9013e-06	0.0000e+00
1011	0.0000e+00	0.0000e+00	4.5708e-04	-4.4458e-07	8.9605e-06	0.0000e+00
1012	0.0000e+00	0.0000e+00	-8.2793e-04	-1.1615e-06	-1.4553e-05	0.0000e+00
1013	0.0000e+00	0.0000e+00	-1.6466e-03	-3.3748e-07	-2.2744e-05	0.0000e+00
1014	0.0000e+00	0.0000e+00	-8.6775e-04	-8.9971e-07	-1.4995e-05	0.0000e+00
1015	0.0000e+00	0.0000e+00	-1.6658e-03	-5.7913e-07	-2.1358e-05	0.0000e+00
1016	0.0000e+00	0.0000e+00	-8.9195e-04	-3.3818e-07	-1.5361e-05	0.0000e+00
1017	0.0000e+00	0.0000e+00	-1.6943e-03	-7.1161e-07	-2.1179e-05	0.0000e+00
1018	0.0000e+00	0.0000e+00	-8.9098e-04	4.4246e-07	-1.5964e-05	0.0000e+00
1019	0.0000e+00	0.0000e+00	-1.7260e-03	-6.2786e-07	-2.2047e-05	0.0000e+00
1020	0.0000e+00	0.0000e+00	-8.5467e-04	1.5166e-06	-1.6730e-05	0.0000e+00
1021	0.0000e+00	0.0000e+00	-1.7502e-03	-2.0397e-07	-2.4000e-05	0.0000e+00
1022	0.0000e+00	0.0000e+00	-7.7474e-04	2.6389e-06	-1.7032e-05	0.0000e+00
1023	0.0000e+00	0.0000e+00	-1.7508e-03	7.1226e-07	-2.7283e-05	0.0000e+00
1024	0.0000e+00	0.0000e+00	-3.4191e-04	-3.3538e-07	-7.9663e-06	0.0000e+00
1025	0.0000e+00	0.0000e+00	-3.5774e-04	-3.4541e-07	-8.5202e-06	0.0000e+00
1026	0.0000e+00	0.0000e+00	-3.6318e-04	1.3702e-07	-8.9306e-06	0.0000e+00
1027	0.0000e+00	0.0000e+00	-3.4412e-04	8.7586e-07	-9.1670e-06	0.0000e+00
1028	0.0000e+00	0.0000e+00	-2.9503e-04	1.6156e-06	-9.1205e-06	0.0000e+00
1029	0.0000e+00	0.0000e+00	-2.2444e-04	1.8174e-06	-8.6049e-06	0.0000e+00

1030	0.0000e+00	0.0000e+00	-1.0774e-04	5.2224e-08	-2.9305e-06	0.0000e+00
1031	0.0000e+00	0.0000e+00	-1.0676e-04	6.7670e-08	-3.1704e-06	0.0000e+00
1032	0.0000e+00	0.0000e+00	-9.9348e-05	3.6172e-07	-3.3447e-06	0.0000e+00
1033	0.0000e+00	0.0000e+00	-7.6594e-05	8.0919e-07	-3.2998e-06	0.0000e+00
1034	0.0000e+00	0.0000e+00	-3.6589e-05	1.1799e-06	-2.9801e-06	0.0000e+00
1035	0.0000e+00	0.0000e+00	1.2106e-05	1.1837e-06	-2.4836e-06	0.0000e+00
1036	0.0000e+00	0.0000e+00	-6.4719e-05	1.1762e-07	8.1396e-07	0.0000e+00
1037	0.0000e+00	0.0000e+00	-5.9144e-05	1.8755e-07	8.0782e-07	0.0000e+00
1038	0.0000e+00	0.0000e+00	-4.9307e-05	3.3083e-07	8.4433e-07	0.0000e+00
1039	0.0000e+00	0.0000e+00	-3.2574e-05	5.2354e-07	1.0609e-06	0.0000e+00
1040	0.0000e+00	0.0000e+00	-8.2624e-06	6.9167e-07	1.4656e-06	0.0000e+00
1041	0.0000e+00	0.0000e+00	2.0770e-05	7.3808e-07	1.9048e-06	0.0000e+00
1042	0.0000e+00	0.0000e+00	-1.5813e-04	1.6868e-08	3.3302e-06	0.0000e+00
1043	0.0000e+00	0.0000e+00	-1.5460e-04	1.3913e-07	3.3914e-06	0.0000e+00
1044	0.0000e+00	0.0000e+00	-1.4869e-04	1.4536e-07	3.5039e-06	0.0000e+00
1045	0.0000e+00	0.0000e+00	-1.4359e-04	1.1965e-07	3.8132e-06	0.0000e+00
1046	0.0000e+00	0.0000e+00	-1.3843e-04	1.6712e-07	4.3079e-06	0.0000e+00
1047	0.0000e+00	0.0000e+00	-1.2881e-04	3.4521e-07	4.7982e-06	0.0000e+00
1048	0.0000e+00	0.0000e+00	-3.3424e-04	-6.3828e-08	4.6038e-06	0.0000e+00
1049	0.0000e+00	0.0000e+00	-3.3156e-04	1.1630e-07	4.5341e-06	0.0000e+00
1050	0.0000e+00	0.0000e+00	-3.2956e-04	-7.0207e-08	4.5652e-06	0.0000e+00
1051	0.0000e+00	0.0000e+00	-3.3876e-04	-3.8646e-07	4.9045e-06	0.0000e+00
1052	0.0000e+00	0.0000e+00	-3.5783e-04	-5.0101e-07	5.5479e-06	0.0000e+00
1053	0.0000e+00	0.0000e+00	-3.7300e-04	-1.5776e-07	6.2454e-06	0.0000e+00
1054	0.0000e+00	0.0000e+00	-5.3647e-04	1.0068e-07	4.5110e-06	0.0000e+00
1055	0.0000e+00	0.0000e+00	-5.2454e-04	3.3038e-07	4.0934e-06	0.0000e+00
1056	0.0000e+00	0.0000e+00	-5.1986e-04	-1.9043e-07	3.9095e-06	0.0000e+00
1057	0.0000e+00	0.0000e+00	-5.4307e-04	-9.8059e-07	4.1984e-06	0.0000e+00
1058	0.0000e+00	0.0000e+00	-5.9333e-04	-1.4440e-06	4.9971e-06	0.0000e+00
1059	0.0000e+00	0.0000e+00	-6.4573e-04	-9.7968e-07	6.0752e-06	0.0000e+00
1060	0.0000e+00	0.0000e+00	-6.9822e-04	7.8752e-07	2.6802e-06	0.0000e+00
1061	0.0000e+00	0.0000e+00	-6.5957e-04	8.8882e-07	1.8202e-06	0.0000e+00
1062	0.0000e+00	0.0000e+00	-6.4353e-04	-1.4765e-07	1.5292e-06	0.0000e+00
1063	0.0000e+00	0.0000e+00	-6.7606e-04	-1.5140e-06	1.6458e-06	0.0000e+00
1064	0.0000e+00	0.0000e+00	-7.5906e-04	-2.6320e-06	2.2525e-06	0.0000e+00
1065	0.0000e+00	0.0000e+00	-8.6567e-04	-2.4040e-06	3.7088e-06	0.0000e+00
1066	0.0000e+00	0.0000e+00	-7.2445e-04	2.3108e-06	-1.9566e-06	0.0000e+00
1067	0.0000e+00	0.0000e+00	-6.5640e-04	1.2377e-06	-2.1901e-06	0.0000e+00
1068	0.0000e+00	0.0000e+00	-6.3564e-04	-1.0187e-07	-1.9288e-06	0.0000e+00
1069	0.0000e+00	0.0000e+00	-6.6736e-04	-1.5302e-06	-2.0888e-06	0.0000e+00
1070	0.0000e+00	0.0000e+00	-7.5645e-04	-3.1340e-06	-2.6644e-06	0.0000e+00
1071	0.0000e+00	0.0000e+00	-9.0821e-04	-4.7375e-06	-2.4439e-06	0.0000e+00
1072	0.0000e+00	0.0000e+00	-4.5704e-04	-4.4440e-07	-8.9608e-06	0.0000e+00
1073	0.0000e+00	0.0000e+00	-4.7126e-04	-2.9728e-07	-5.9015e-06	0.0000e+00
1074	0.0000e+00	0.0000e+00	-4.8503e-04	-4.0370e-07	-4.6418e-06	0.0000e+00
1075	0.0000e+00	0.0000e+00	-5.0507e-04	-6.0332e-07	-4.9748e-06	0.0000e+00
1076	0.0000e+00	0.0000e+00	-5.3285e-04	-7.8490e-07	-7.0672e-06	0.0000e+00
1077	0.0000e+00	0.0000e+00	-5.6555e-04	-8.5327e-07	-1.1380e-05	0.0000e+00
1078	0.0000e+00	0.0000e+00	1.0523e-04	4.3856e-07	1.4814e-05	0.0000e+00
1079	0.0000e+00	0.0000e+00	1.5520e-04	1.8383e-06	1.1781e-05	0.0000e+00
1080	0.0000e+00	0.0000e+00	2.1830e-04	1.4369e-06	9.5535e-06	0.0000e+00
1081	0.0000e+00	0.0000e+00	2.6801e-04	1.1350e-06	7.4527e-06	0.0000e+00
1082	0.0000e+00	0.0000e+00	3.0907e-04	9.3704e-07	5.9916e-06	0.0000e+00
1083	0.0000e+00	0.0000e+00	3.4242e-04	6.8777e-07	5.2214e-06	0.0000e+00
1084	0.0000e+00	0.0000e+00	3.6222e-04	1.8735e-07	5.1943e-06	0.0000e+00
1085	0.0000e+00	0.0000e+00	3.5416e-04	-8.1762e-07	5.9443e-06	0.0000e+00
1086	0.0000e+00	0.0000e+00	2.9363e-04	-2.6347e-06	7.3901e-06	0.0000e+00
1087	0.0000e+00	0.0000e+00	1.4573e-04	-5.3179e-06	7.9005e-06	0.0000e+00
1088	0.0000e+00	0.0000e+00	2.3685e-05	-4.2233e-07	6.4110e-06	0.0000e+00
1089	0.0000e+00	0.0000e+00	-4.8637e-04	2.3373e-06	1.4495e-05	0.0000e+00
1090	0.0000e+00	0.0000e+00	-3.6547e-04	3.5629e-06	1.2208e-05	0.0000e+00
1091	0.0000e+00	0.0000e+00	-2.2434e-04	3.4479e-06	1.0940e-05	0.0000e+00
1092	0.0000e+00	0.0000e+00	-9.8694e-05	2.8668e-06	9.4647e-06	0.0000e+00
1093	0.0000e+00	0.0000e+00	1.9372e-06	2.1722e-06	8.1795e-06	0.0000e+00
1094	0.0000e+00	0.0000e+00	7.3546e-05	1.3626e-06	7.1841e-06	0.0000e+00
1095	0.0000e+00	0.0000e+00	1.0946e-04	3.2363e-07	6.4729e-06	0.0000e+00
1096	0.0000e+00	0.0000e+00	9.8680e-05	-1.0290e-06	5.8882e-06	0.0000e+00
1097	0.0000e+00	0.0000e+00	3.1796e-05	-2.4622e-06	5.0540e-06	0.0000e+00
1098	0.0000e+00	0.0000e+00	-7.6581e-05	-2.7108e-06	3.2749e-06	0.0000e+00
1099	0.0000e+00	0.0000e+00	-1.3872e-04	-5.2410e-08	1.8729e-06	0.0000e+00
1100	0.0000e+00	0.0000e+00	-1.1206e-03	3.8602e-06	1.6524e-05	0.0000e+00
1101	0.0000e+00	0.0000e+00	-9.4534e-04	4.7988e-06	1.4566e-05	0.0000e+00

1102	0.0000e+00	0.0000e+00	-7.5232e-04	4.7796e-06	1.3621e-05	0.0000e+00
1103	0.0000e+00	0.0000e+00	-5.7157e-04	4.2347e-06	1.2480e-05	0.0000e+00
1104	0.0000e+00	0.0000e+00	-4.1784e-04	3.4358e-06	1.1301e-05	0.0000e+00
1105	0.0000e+00	0.0000e+00	-2.9882e-04	2.4839e-06	1.0126e-05	0.0000e+00
1106	0.0000e+00	0.0000e+00	-2.2008e-04	1.4023e-06	8.9183e-06	0.0000e+00
1107	0.0000e+00	0.0000e+00	-1.8582e-04	2.6238e-07	7.5383e-06	0.0000e+00
1108	0.0000e+00	0.0000e+00	-1.9380e-04	-6.4204e-07	5.8380e-06	0.0000e+00
1109	0.0000e+00	0.0000e+00	-2.2454e-04	-7.4290e-07	4.0090e-06	0.0000e+00
1110	0.0000e+00	0.0000e+00	-2.3704e-04	2.5150e-07	2.9748e-06	0.0000e+00
1111	0.0000e+00	0.0000e+00	-1.8925e-03	5.1328e-06	2.0654e-05	0.0000e+00
1112	0.0000e+00	0.0000e+00	-1.6712e-03	5.8502e-06	1.8937e-05	0.0000e+00
1113	0.0000e+00	0.0000e+00	-1.4354e-03	5.8738e-06	1.8094e-05	0.0000e+00
1114	0.0000e+00	0.0000e+00	-1.2078e-03	5.4532e-06	1.7028e-05	0.0000e+00
1115	0.0000e+00	0.0000e+00	-1.0035e-03	4.7329e-06	1.5863e-05	0.0000e+00
1116	0.0000e+00	0.0000e+00	-8.3170e-04	3.8469e-06	1.4630e-05	0.0000e+00
1117	0.0000e+00	0.0000e+00	-6.9667e-04	2.9183e-06	1.3306e-05	0.0000e+00
1118	0.0000e+00	0.0000e+00	-5.9782e-04	2.0632e-06	1.1800e-05	0.0000e+00
1119	0.0000e+00	0.0000e+00	-5.3026e-04	1.3706e-06	1.0071e-05	0.0000e+00
1120	0.0000e+00	0.0000e+00	-4.8653e-04	8.6386e-07	8.4070e-06	0.0000e+00
1121	0.0000e+00	0.0000e+00	-4.5924e-04	5.4296e-07	7.5290e-06	0.0000e+00
1122	0.0000e+00	0.0000e+00	-2.8886e-03	6.2551e-06	2.6656e-05	0.0000e+00
1123	0.0000e+00	0.0000e+00	-2.6264e-03	6.8039e-06	2.5114e-05	0.0000e+00
1124	0.0000e+00	0.0000e+00	-2.3488e-03	6.9815e-06	2.4171e-05	0.0000e+00
1125	0.0000e+00	0.0000e+00	-2.0730e-03	6.7098e-06	2.2951e-05	0.0000e+00
1126	0.0000e+00	0.0000e+00	-1.8170e-03	6.0343e-06	2.1729e-05	0.0000e+00
1127	0.0000e+00	0.0000e+00	-1.5935e-03	5.1519e-06	2.0601e-05	0.0000e+00
1128	0.0000e+00	0.0000e+00	-1.4063e-03	4.2848e-06	1.9581e-05	0.0000e+00
1129	0.0000e+00	0.0000e+00	-1.2511e-03	3.6062e-06	1.8584e-05	0.0000e+00
1130	0.0000e+00	0.0000e+00	-1.1196e-03	3.1015e-06	1.7463e-05	0.0000e+00
1131	0.0000e+00	0.0000e+00	-1.0109e-03	2.3199e-06	1.6113e-05	0.0000e+00
1132	0.0000e+00	0.0000e+00	-9.4803e-04	7.8818e-07	1.5299e-05	0.0000e+00
1133	0.0000e+00	0.0000e+00	-4.1843e-03	7.3402e-06	3.4300e-05	0.0000e+00
1134	0.0000e+00	0.0000e+00	-3.8779e-03	7.9915e-06	3.2504e-05	0.0000e+00
1135	0.0000e+00	0.0000e+00	-3.5448e-03	8.5179e-06	3.0916e-05	0.0000e+00
1136	0.0000e+00	0.0000e+00	-3.2081e-03	8.2211e-06	2.9255e-05	0.0000e+00
1137	0.0000e+00	0.0000e+00	-2.8973e-03	7.2965e-06	2.7949e-05	0.0000e+00
1138	0.0000e+00	0.0000e+00	-2.6307e-03	6.0857e-06	2.7112e-05	0.0000e+00
1139	0.0000e+00	0.0000e+00	-2.4134e-03	4.9066e-06	2.6795e-05	0.0000e+00
1140	0.0000e+00	0.0000e+00	-2.2387e-03	4.0443e-06	2.6986e-05	0.0000e+00
1141	0.0000e+00	0.0000e+00	-2.0900e-03	3.7122e-06	2.7536e-05	0.0000e+00
1142	0.0000e+00	0.0000e+00	-1.9495e-03	3.6523e-06	2.7693e-05	0.0000e+00
1143	0.0000e+00	0.0000e+00	-1.8589e-03	9.5007e-07	2.7266e-05	0.0000e+00
1144	0.0000e+00	0.0000e+00	-5.4419e-03	1.0141e-05	3.8919e-05	0.0000e+00
1145	0.0000e+00	0.0000e+00	-5.0060e-03	1.0473e-05	3.5923e-05	0.0000e+00
1146	0.0000e+00	0.0000e+00	-4.5870e-03	9.6813e-06	3.3848e-05	0.0000e+00
1147	0.0000e+00	0.0000e+00	-4.2208e-03	8.1687e-06	3.2639e-05	0.0000e+00
1148	0.0000e+00	0.0000e+00	-3.9285e-03	6.2835e-06	3.2308e-05	0.0000e+00
1149	0.0000e+00	0.0000e+00	-3.7181e-03	4.3292e-06	3.2948e-05	0.0000e+00
1150	0.0000e+00	0.0000e+00	-3.5867e-03	2.5744e-06	3.4733e-05	0.0000e+00
1151	0.0000e+00	0.0000e+00	-3.5210e-03	1.2610e-06	3.7976e-05	0.0000e+00
1152	0.0000e+00	0.0000e+00	-3.4984e-03	6.0794e-07	4.3180e-05	0.0000e+00
1153	0.0000e+00	0.0000e+00	1.3957e-04	4.9771e-06	7.5454e-06	0.0000e+00
1154	0.0000e+00	0.0000e+00	2.9034e-04	2.4532e-06	6.2317e-06	0.0000e+00
1155	0.0000e+00	0.0000e+00	3.5954e-04	1.0366e-06	4.2662e-06	0.0000e+00
1156	0.0000e+00	0.0000e+00	3.8724e-04	3.7982e-07	3.0071e-06	0.0000e+00
1157	0.0000e+00	0.0000e+00	3.9635e-04	8.4235e-08	2.4374e-06	0.0000e+00
1158	0.0000e+00	0.0000e+00	3.9492e-04	-1.7960e-07	2.5136e-06	0.0000e+00
1159	0.0000e+00	0.0000e+00	3.7780e-04	-7.1739e-07	3.2452e-06	0.0000e+00
1160	0.0000e+00	0.0000e+00	3.2662e-04	-1.8697e-06	4.6382e-06	0.0000e+00
1161	0.0000e+00	0.0000e+00	2.0775e-04	-3.9825e-06	5.7214e-06	0.0000e+00
1162	0.0000e+00	0.0000e+00	9.4412e-05	-5.6150e-07	4.7940e-06	0.0000e+00
1163	0.0000e+00	0.0000e+00	-6.6070e-05	3.0413e-06	2.8452e-06	0.0000e+00
1164	0.0000e+00	0.0000e+00	7.1768e-05	2.9521e-06	4.1868e-06	0.0000e+00
1165	0.0000e+00	0.0000e+00	1.7498e-04	1.8686e-06	4.2998e-06	0.0000e+00
1166	0.0000e+00	0.0000e+00	2.3475e-04	9.6585e-07	4.0452e-06	0.0000e+00
1167	0.0000e+00	0.0000e+00	2.6158e-04	2.9747e-07	3.7922e-06	0.0000e+00
1168	0.0000e+00	0.0000e+00	2.6103e-04	-3.5470e-07	3.6726e-06	0.0000e+00
1169	0.0000e+00	0.0000e+00	2.2885e-04	-1.2058e-06	3.6513e-06	0.0000e+00
1170	0.0000e+00	0.0000e+00	1.5524e-04	-2.2527e-06	3.4859e-06	0.0000e+00
1171	0.0000e+00	0.0000e+00	4.3662e-05	-2.6393e-06	2.5060e-06	0.0000e+00
1172	0.0000e+00	0.0000e+00	-3.4116e-05	-6.4131e-07	1.7042e-06	0.0000e+00
1173	0.0000e+00	0.0000e+00	-1.9477e-04	1.5794e-06	3.5517e-06	0.0000e+00

1174	0.0000e+00	0.0000e+00	-1.1472e-04	1.9141e-06	4.9201e-06	0.0000e+00
1175	0.0000e+00	0.0000e+00	-3.7798e-05	1.5563e-06	5.8273e-06	0.0000e+00
1176	0.0000e+00	0.0000e+00	1.8564e-05	1.0233e-06	6.1279e-06	0.0000e+00
1177	0.0000e+00	0.0000e+00	5.1659e-05	4.8300e-07	6.0462e-06	0.0000e+00
1178	0.0000e+00	0.0000e+00	6.0547e-05	-1.0541e-07	5.7378e-06	0.0000e+00
1179	0.0000e+00	0.0000e+00	4.1866e-05	-7.8422e-07	5.2002e-06	0.0000e+00
1180	0.0000e+00	0.0000e+00	-6.3676e-06	-1.4095e-06	4.3305e-06	0.0000e+00
1181	0.0000e+00	0.0000e+00	-7.3072e-05	-1.5144e-06	3.2232e-06	0.0000e+00
1182	0.0000e+00	0.0000e+00	-1.2427e-04	-7.1213e-07	2.6954e-06	0.0000e+00
1183	0.0000e+00	0.0000e+00	-4.3655e-04	5.2568e-07	7.9424e-06	0.0000e+00
1184	0.0000e+00	0.0000e+00	-4.0766e-04	7.6674e-07	9.0208e-06	0.0000e+00
1185	0.0000e+00	0.0000e+00	-3.6828e-04	9.5594e-07	9.7763e-06	0.0000e+00
1186	0.0000e+00	0.0000e+00	-3.2512e-04	9.4126e-07	9.9872e-06	0.0000e+00
1187	0.0000e+00	0.0000e+00	-2.8726e-04	7.3592e-07	9.7974e-06	0.0000e+00
1188	0.0000e+00	0.0000e+00	-2.6171e-04	4.0256e-07	9.3434e-06	0.0000e+00
1189	0.0000e+00	0.0000e+00	-2.5254e-04	1.3924e-08	8.6470e-06	0.0000e+00
1190	0.0000e+00	0.0000e+00	-2.6040e-04	-3.5103e-07	7.6947e-06	0.0000e+00
1191	0.0000e+00	0.0000e+00	-2.8272e-04	-6.3641e-07	6.6985e-06	0.0000e+00
1192	0.0000e+00	0.0000e+00	-3.1509e-04	-8.0142e-07	6.3139e-06	0.0000e+00
1193	0.0000e+00	0.0000e+00	-9.4118e-04	-3.1244e-07	1.5700e-05	0.0000e+00
1194	0.0000e+00	0.0000e+00	-9.4675e-04	1.0024e-07	1.6231e-05	0.0000e+00
1195	0.0000e+00	0.0000e+00	-9.2318e-04	8.1289e-07	1.6091e-05	0.0000e+00
1196	0.0000e+00	0.0000e+00	-8.7624e-04	1.1735e-06	1.5614e-05	0.0000e+00
1197	0.0000e+00	0.0000e+00	-8.2286e-04	1.1682e-06	1.5046e-05	0.0000e+00
1198	0.0000e+00	0.0000e+00	-7.7555e-04	9.6388e-07	1.4506e-05	0.0000e+00
1199	0.0000e+00	0.0000e+00	-7.3910e-04	7.3301e-07	1.3996e-05	0.0000e+00
1200	0.0000e+00	0.0000e+00	-7.1257e-04	5.3763e-07	1.3428e-05	0.0000e+00
1201	0.0000e+00	0.0000e+00	-6.9778e-04	1.0589e-07	1.2693e-05	0.0000e+00
1202	0.0000e+00	0.0000e+00	-7.1642e-04	-9.7124e-07	1.2416e-05	0.0000e+00
1203	0.0000e+00	0.0000e+00	-1.8630e-03	-7.6642e-07	2.7382e-05	0.0000e+00
1204	0.0000e+00	0.0000e+00	-1.8541e-03	8.5714e-07	2.5834e-05	0.0000e+00
1205	0.0000e+00	0.0000e+00	-1.7879e-03	1.8742e-06	2.3806e-05	0.0000e+00
1206	0.0000e+00	0.0000e+00	-1.6963e-03	2.1249e-06	2.2158e-05	0.0000e+00
1207	0.0000e+00	0.0000e+00	-1.6069e-03	1.8622e-06	2.1051e-05	0.0000e+00
1208	0.0000e+00	0.0000e+00	-1.5360e-03	1.3656e-06	2.0518e-05	0.0000e+00
1209	0.0000e+00	0.0000e+00	-1.4880e-03	8.9726e-07	2.0550e-05	0.0000e+00
1210	0.0000e+00	0.0000e+00	-1.4571e-03	6.7750e-07	2.1063e-05	0.0000e+00
1211	0.0000e+00	0.0000e+00	-1.4325e-03	6.6187e-07	2.1552e-05	0.0000e+00
1212	0.0000e+00	0.0000e+00	-1.4462e-03	-1.3246e-06	2.1621e-05	0.0000e+00
1213	0.0000e+00	0.0000e+00	-3.3730e-03	3.1530e-06	4.1611e-05	0.0000e+00
1214	0.0000e+00	0.0000e+00	-3.1871e-03	4.2823e-06	3.5115e-05	0.0000e+00
1215	0.0000e+00	0.0000e+00	-2.9801e-03	4.3878e-06	3.0732e-05	0.0000e+00
1216	0.0000e+00	0.0000e+00	-2.7898e-03	3.7712e-06	2.7885e-05	0.0000e+00
1217	0.0000e+00	0.0000e+00	-2.6413e-03	2.6937e-06	2.6302e-05	0.0000e+00
1218	0.0000e+00	0.0000e+00	-2.5495e-03	1.3891e-06	2.5883e-05	0.0000e+00
1219	0.0000e+00	0.0000e+00	-2.5193e-03	7.1306e-08	2.6660e-05	0.0000e+00
1220	0.0000e+00	0.0000e+00	-2.5468e-03	-1.0611e-06	2.8817e-05	0.0000e+00
1221	0.0000e+00	0.0000e+00	-2.6192e-03	-1.8246e-06	3.2777e-05	0.0000e+00
1222	0.0000e+00	0.0000e+00	2.5088e-05	-9.2284e-07	4.1698e-06	0.0000e+00
1223	0.0000e+00	0.0000e+00	5.9434e-05	2.1429e-06	4.5355e-06	0.0000e+00
1224	0.0000e+00	0.0000e+00	1.2325e-04	1.0422e-06	3.7368e-06	0.0000e+00
1225	0.0000e+00	0.0000e+00	1.5215e-04	4.3720e-07	2.5771e-06	0.0000e+00
1226	0.0000e+00	0.0000e+00	1.6396e-04	1.7043e-07	1.7562e-06	0.0000e+00
1227	0.0000e+00	0.0000e+00	1.6848e-04	5.3308e-08	1.2604e-06	0.0000e+00
1228	0.0000e+00	0.0000e+00	1.6870e-04	-5.9628e-08	1.0577e-06	0.0000e+00
1229	0.0000e+00	0.0000e+00	1.6210e-04	-2.8918e-07	1.1385e-06	0.0000e+00
1230	0.0000e+00	0.0000e+00	1.4113e-04	-7.6103e-07	1.4949e-06	0.0000e+00
1231	0.0000e+00	0.0000e+00	9.2529e-05	-1.6136e-06	1.7989e-06	0.0000e+00
1232	0.0000e+00	0.0000e+00	3.6665e-05	-6.7666e-07	1.2775e-06	0.0000e+00
1233	0.0000e+00	0.0000e+00	-1.0115e-04	-5.0048e-07	2.0734e-06	0.0000e+00
1234	0.0000e+00	0.0000e+00	-8.0406e-05	1.2935e-06	2.3932e-06	0.0000e+00
1235	0.0000e+00	0.0000e+00	-1.6634e-05	1.4536e-06	2.9070e-06	0.0000e+00
1236	0.0000e+00	0.0000e+00	3.7314e-05	1.0497e-06	2.7589e-06	0.0000e+00
1237	0.0000e+00	0.0000e+00	7.4423e-05	6.8322e-07	2.3907e-06	0.0000e+00
1238	0.0000e+00	0.0000e+00	9.7919e-05	3.9650e-07	2.0048e-06	0.0000e+00
1239	0.0000e+00	0.0000e+00	1.0931e-04	1.0095e-07	1.6869e-06	0.0000e+00
1240	0.0000e+00	0.0000e+00	1.0619e-04	-2.8812e-07	1.4463e-06	0.0000e+00
1241	0.0000e+00	0.0000e+00	8.3954e-05	-7.7312e-07	1.2077e-06	0.0000e+00
1242	0.0000e+00	0.0000e+00	4.2689e-05	-1.0513e-06	7.2786e-07	0.0000e+00
1243	0.0000e+00	0.0000e+00	6.7090e-06	-4.8660e-07	2.7895e-07	0.0000e+00
1244	0.0000e+00	0.0000e+00	-2.0859e-04	-1.9571e-07	3.0745e-06	0.0000e+00
1245	0.0000e+00	0.0000e+00	-1.9579e-04	7.3189e-07	3.1882e-06	0.0000e+00

1246	0.0000e+00	0.0000e+00	-1.5244e-04	1.1499e-06	3.6345e-06	0.0000e+00
1247	0.0000e+00	0.0000e+00	-1.0089e-04	1.1585e-06	3.7869e-06	0.0000e+00
1248	0.0000e+00	0.0000e+00	-5.2985e-05	1.0056e-06	3.5915e-06	0.0000e+00
1249	0.0000e+00	0.0000e+00	-1.3201e-05	7.8390e-07	3.1927e-06	0.0000e+00
1250	0.0000e+00	0.0000e+00	1.5445e-05	4.8873e-07	2.7055e-06	0.0000e+00
1251	0.0000e+00	0.0000e+00	2.9404e-05	1.1232e-07	2.1715e-06	0.0000e+00
1252	0.0000e+00	0.0000e+00	2.6080e-05	-2.7917e-07	1.5792e-06	0.0000e+00
1253	0.0000e+00	0.0000e+00	8.5405e-06	-4.8680e-07	9.6048e-07	0.0000e+00
1254	0.0000e+00	0.0000e+00	-9.9507e-06	-3.0979e-07	5.6265e-07	0.0000e+00
1255	0.0000e+00	0.0000e+00	-4.0403e-04	1.0919e-07	6.1094e-06	0.0000e+00
1256	0.0000e+00	0.0000e+00	-3.9166e-04	4.5936e-07	6.0485e-06	0.0000e+00
1257	0.0000e+00	0.0000e+00	-3.6067e-04	9.1480e-07	6.2056e-06	0.0000e+00
1258	0.0000e+00	0.0000e+00	-3.1139e-04	1.2595e-06	6.1128e-06	0.0000e+00
1259	0.0000e+00	0.0000e+00	-2.5158e-04	1.3941e-06	5.6994e-06	0.0000e+00
1260	0.0000e+00	0.0000e+00	-1.9048e-04	1.3301e-06	5.0779e-06	0.0000e+00
1261	0.0000e+00	0.0000e+00	-1.3587e-04	1.1112e-06	4.3562e-06	0.0000e+00
1262	0.0000e+00	0.0000e+00	-9.3506e-05	7.8548e-07	3.5877e-06	0.0000e+00
1263	0.0000e+00	0.0000e+00	-6.6818e-05	4.1325e-07	2.8028e-06	0.0000e+00
1264	0.0000e+00	0.0000e+00	-5.6068e-05	7.8371e-08	2.0960e-06	0.0000e+00
1265	0.0000e+00	0.0000e+00	-5.7227e-05	-1.0766e-07	1.6774e-06	0.0000e+00
1266	0.0000e+00	0.0000e+00	-7.7176e-04	5.1543e-07	1.1021e-05	0.0000e+00
1267	0.0000e+00	0.0000e+00	-7.5181e-04	4.5309e-07	1.0769e-05	0.0000e+00
1268	0.0000e+00	0.0000e+00	-7.1693e-04	1.1140e-06	1.0429e-05	0.0000e+00
1269	0.0000e+00	0.0000e+00	-6.5029e-04	1.7906e-06	9.6539e-06	0.0000e+00
1270	0.0000e+00	0.0000e+00	-5.6133e-04	2.1376e-06	8.6706e-06	0.0000e+00
1271	0.0000e+00	0.0000e+00	-4.6492e-04	2.1627e-06	7.6369e-06	0.0000e+00
1272	0.0000e+00	0.0000e+00	-3.7308e-04	1.9626e-06	6.6379e-06	0.0000e+00
1273	0.0000e+00	0.0000e+00	-2.9356e-04	1.6294e-06	5.7044e-06	0.0000e+00
1274	0.0000e+00	0.0000e+00	-2.3072e-04	1.2179e-06	4.8377e-06	0.0000e+00
1275	0.0000e+00	0.0000e+00	-1.8783e-04	7.0859e-07	4.0497e-06	0.0000e+00
1276	0.0000e+00	0.0000e+00	-1.6971e-04	1.2867e-07	3.5773e-06	0.0000e+00
1277	0.0000e+00	0.0000e+00	-1.3979e-03	1.1073e-06	1.8129e-05	0.0000e+00
1278	0.0000e+00	0.0000e+00	-1.3584e-03	9.0225e-07	1.7483e-05	0.0000e+00
1279	0.0000e+00	0.0000e+00	-1.2837e-03	2.2993e-06	1.5797e-05	0.0000e+00
1280	0.0000e+00	0.0000e+00	-1.1596e-03	3.1719e-06	1.3823e-05	0.0000e+00
1281	0.0000e+00	0.0000e+00	-1.0110e-03	3.4744e-06	1.2029e-05	0.0000e+00
1282	0.0000e+00	0.0000e+00	-8.5908e-04	3.3671e-06	1.0501e-05	0.0000e+00
1283	0.0000e+00	0.0000e+00	-7.1828e-04	3.0053e-06	9.2546e-06	0.0000e+00
1284	0.0000e+00	0.0000e+00	-5.9692e-04	2.5160e-06	8.2839e-06	0.0000e+00
1285	0.0000e+00	0.0000e+00	-4.9853e-04	1.9933e-06	7.5628e-06	0.0000e+00
1286	0.0000e+00	0.0000e+00	-4.2419e-04	1.4464e-06	6.9560e-06	0.0000e+00
1287	0.0000e+00	0.0000e+00	-3.8508e-04	3.8242e-07	6.4801e-06	0.0000e+00
1288	0.0000e+00	0.0000e+00	-2.2896e-03	3.7546e-06	2.5043e-05	0.0000e+00
1289	0.0000e+00	0.0000e+00	-2.0813e-03	4.9598e-06	2.0658e-05	0.0000e+00
1290	0.0000e+00	0.0000e+00	-1.8415e-03	5.3956e-06	1.7361e-05	0.0000e+00
1291	0.0000e+00	0.0000e+00	-1.5983e-03	5.2812e-06	1.4842e-05	0.0000e+00
1292	0.0000e+00	0.0000e+00	-1.3712e-03	4.7891e-06	1.2940e-05	0.0000e+00
1293	0.0000e+00	0.0000e+00	-1.1734e-03	4.0562e-06	1.1582e-05	0.0000e+00
1294	0.0000e+00	0.0000e+00	-1.0125e-03	3.1885e-06	1.0748e-05	0.0000e+00
1295	0.0000e+00	0.0000e+00	-8.9225e-04	2.2635e-06	1.0480e-05	0.0000e+00
1296	0.0000e+00	0.0000e+00	-8.1348e-04	1.3271e-06	1.0906e-05	0.0000e+00
1297	0.0000e+00	0.0000e+00	-3.6668e-05	-6.7665e-07	-1.2777e-06	0.0000e+00
1298	0.0000e+00	0.0000e+00	-9.2531e-05	-1.6136e-06	-1.7991e-06	0.0000e+00
1299	0.0000e+00	0.0000e+00	-1.4113e-04	-7.6101e-07	-1.4950e-06	0.0000e+00
1300	0.0000e+00	0.0000e+00	-1.6210e-04	-2.8913e-07	-1.1386e-06	0.0000e+00
1301	0.0000e+00	0.0000e+00	-1.6870e-04	-5.9551e-08	-1.0579e-06	0.0000e+00
1302	0.0000e+00	0.0000e+00	-1.6848e-04	5.3418e-08	-1.2605e-06	0.0000e+00
1303	0.0000e+00	0.0000e+00	-1.6395e-04	1.7057e-07	-1.7563e-06	0.0000e+00
1304	0.0000e+00	0.0000e+00	-1.5213e-04	4.3737e-07	-2.5773e-06	0.0000e+00
1305	0.0000e+00	0.0000e+00	-1.2323e-04	1.0424e-06	-3.7370e-06	0.0000e+00
1306	0.0000e+00	0.0000e+00	-5.9398e-05	2.1431e-06	-4.5358e-06	0.0000e+00
1307	0.0000e+00	0.0000e+00	-2.5043e-05	-9.2264e-07	-4.1701e-06	0.0000e+00
1308	0.0000e+00	0.0000e+00	-6.7040e-06	-4.8658e-07	-2.7918e-07	0.0000e+00
1309	0.0000e+00	0.0000e+00	-4.2683e-05	-1.0513e-06	-7.2809e-07	0.0000e+00
1310	0.0000e+00	0.0000e+00	-8.3948e-05	-7.7309e-07	-1.2079e-06	0.0000e+00
1311	0.0000e+00	0.0000e+00	-1.0618e-04	-2.8807e-07	-1.4465e-06	0.0000e+00
1312	0.0000e+00	0.0000e+00	-1.0930e-04	1.0104e-07	-1.6872e-06	0.0000e+00
1313	0.0000e+00	0.0000e+00	-9.7903e-05	3.9663e-07	-2.0051e-06	0.0000e+00
1314	0.0000e+00	0.0000e+00	-7.4400e-05	6.8339e-07	-2.3910e-06	0.0000e+00
1315	0.0000e+00	0.0000e+00	-3.7283e-05	1.0499e-06	-2.7592e-06	0.0000e+00
1316	0.0000e+00	0.0000e+00	1.6674e-05	1.4538e-06	-2.9073e-06	0.0000e+00
1317	0.0000e+00	0.0000e+00	8.0456e-05	1.2937e-06	-2.3935e-06	0.0000e+00

1318	0.0000e+00	0.0000e+00	1.0121e-04	-5.0028e-07	-2.0738e-06	0.0000e+00
1319	0.0000e+00	0.0000e+00	9.9678e-06	-3.0977e-07	-5.6298e-07	0.0000e+00
1320	0.0000e+00	0.0000e+00	-8.5227e-06	-4.8678e-07	-9.6082e-07	0.0000e+00
1321	0.0000e+00	0.0000e+00	-2.6061e-05	-2.7913e-07	-1.5795e-06	0.0000e+00
1322	0.0000e+00	0.0000e+00	-2.9383e-05	1.1239e-07	-2.1719e-06	0.0000e+00
1323	0.0000e+00	0.0000e+00	-1.5420e-05	4.8884e-07	-2.7059e-06	0.0000e+00
1324	0.0000e+00	0.0000e+00	1.3232e-05	7.8405e-07	-3.1931e-06	0.0000e+00
1325	0.0000e+00	0.0000e+00	5.3024e-05	1.0058e-06	-3.5919e-06	0.0000e+00
1326	0.0000e+00	0.0000e+00	1.0094e-04	1.1588e-06	-3.7873e-06	0.0000e+00
1327	0.0000e+00	0.0000e+00	1.5250e-04	1.1502e-06	-3.6350e-06	0.0000e+00
1328	0.0000e+00	0.0000e+00	1.9586e-04	7.3214e-07	-3.1887e-06	0.0000e+00
1329	0.0000e+00	0.0000e+00	2.0867e-04	-1.9550e-07	-3.0750e-06	0.0000e+00
1330	0.0000e+00	0.0000e+00	5.7261e-05	-1.0764e-07	-1.6778e-06	0.0000e+00
1331	0.0000e+00	0.0000e+00	5.6104e-05	7.8392e-08	-2.0965e-06	0.0000e+00
1332	0.0000e+00	0.0000e+00	6.6854e-05	4.1329e-07	-2.8032e-06	0.0000e+00
1333	0.0000e+00	0.0000e+00	9.3545e-05	7.8555e-07	-3.5882e-06	0.0000e+00
1334	0.0000e+00	0.0000e+00	1.3591e-04	1.1113e-06	-4.3567e-06	0.0000e+00
1335	0.0000e+00	0.0000e+00	1.9053e-04	1.3303e-06	-5.0784e-06	0.0000e+00
1336	0.0000e+00	0.0000e+00	2.5164e-04	1.3944e-06	-5.7000e-06	0.0000e+00
1337	0.0000e+00	0.0000e+00	3.1146e-04	1.2598e-06	-6.1134e-06	0.0000e+00
1338	0.0000e+00	0.0000e+00	3.6075e-04	9.1508e-07	-6.2062e-06	0.0000e+00
1339	0.0000e+00	0.0000e+00	3.9176e-04	4.5961e-07	-6.0492e-06	0.0000e+00
1340	0.0000e+00	0.0000e+00	4.0413e-04	1.0938e-07	-6.1100e-06	0.0000e+00
1341	0.0000e+00	0.0000e+00	1.6977e-04	1.2869e-07	-3.5778e-06	0.0000e+00
1342	0.0000e+00	0.0000e+00	1.8789e-04	7.0861e-07	-4.0503e-06	0.0000e+00
1343	0.0000e+00	0.0000e+00	2.3078e-04	1.2179e-06	-4.8383e-06	0.0000e+00
1344	0.0000e+00	0.0000e+00	2.9362e-04	1.6295e-06	-5.7050e-06	0.0000e+00
1345	0.0000e+00	0.0000e+00	3.7315e-04	1.9627e-06	-6.6384e-06	0.0000e+00
1346	0.0000e+00	0.0000e+00	4.6500e-04	2.1630e-06	-7.6375e-06	0.0000e+00
1347	0.0000e+00	0.0000e+00	5.6141e-04	2.1379e-06	-8.6712e-06	0.0000e+00
1348	0.0000e+00	0.0000e+00	6.5039e-04	1.7909e-06	-9.6546e-06	0.0000e+00
1349	0.0000e+00	0.0000e+00	7.1704e-04	1.1143e-06	-1.0430e-05	0.0000e+00
1350	0.0000e+00	0.0000e+00	7.5194e-04	4.5335e-07	-1.0770e-05	0.0000e+00
1351	0.0000e+00	0.0000e+00	7.7189e-04	5.1559e-07	-1.1021e-05	0.0000e+00
1352	0.0000e+00	0.0000e+00	3.8517e-04	3.8245e-07	-6.4808e-06	0.0000e+00
1353	0.0000e+00	0.0000e+00	4.2427e-04	1.4464e-06	-6.9567e-06	0.0000e+00
1354	0.0000e+00	0.0000e+00	4.9862e-04	1.9934e-06	-7.5634e-06	0.0000e+00
1355	0.0000e+00	0.0000e+00	5.9701e-04	2.5160e-06	-8.2846e-06	0.0000e+00
1356	0.0000e+00	0.0000e+00	7.1838e-04	3.0055e-06	-9.2553e-06	0.0000e+00
1357	0.0000e+00	0.0000e+00	8.5918e-04	3.3674e-06	-1.0502e-05	0.0000e+00
1358	0.0000e+00	0.0000e+00	1.0111e-03	3.4747e-06	-1.2030e-05	0.0000e+00
1359	0.0000e+00	0.0000e+00	1.1598e-03	3.1722e-06	-1.3824e-05	0.0000e+00
1360	0.0000e+00	0.0000e+00	1.2838e-03	2.2997e-06	-1.5798e-05	0.0000e+00
1361	0.0000e+00	0.0000e+00	1.3585e-03	9.0253e-07	-1.7484e-05	0.0000e+00
1362	0.0000e+00	0.0000e+00	1.3981e-03	1.1074e-06	-1.8130e-05	0.0000e+00
1363	0.0000e+00	0.0000e+00	8.1359e-04	1.3271e-06	-1.0907e-05	0.0000e+00
1364	0.0000e+00	0.0000e+00	8.9236e-04	2.2636e-06	-1.0481e-05	0.0000e+00
1365	0.0000e+00	0.0000e+00	1.0126e-03	3.1886e-06	-1.0748e-05	0.0000e+00
1366	0.0000e+00	0.0000e+00	1.1735e-03	4.0564e-06	-1.1582e-05	0.0000e+00
1367	0.0000e+00	0.0000e+00	1.3713e-03	4.7894e-06	-1.2941e-05	0.0000e+00
1368	0.0000e+00	0.0000e+00	1.5984e-03	5.2815e-06	-1.4842e-05	0.0000e+00
1369	0.0000e+00	0.0000e+00	1.8417e-03	5.3959e-06	-1.7361e-05	0.0000e+00
1370	0.0000e+00	0.0000e+00	2.0815e-03	4.9601e-06	-2.0658e-05	0.0000e+00
1371	0.0000e+00	0.0000e+00	2.2898e-03	3.7548e-06	-2.5044e-05	0.0000e+00
1372	0.0000e+00	0.0000e+00	-9.4347e-05	-5.6171e-07	-4.7939e-06	0.0000e+00
1373	0.0000e+00	0.0000e+00	-2.0770e-04	-3.9830e-06	-5.7210e-06	0.0000e+00
1374	0.0000e+00	0.0000e+00	-3.2659e-04	-1.8703e-06	-4.6376e-06	0.0000e+00
1375	0.0000e+00	0.0000e+00	-3.7781e-04	-7.1829e-07	-3.2442e-06	0.0000e+00
1376	0.0000e+00	0.0000e+00	-3.9497e-04	-1.8076e-07	-2.5122e-06	0.0000e+00
1377	0.0000e+00	0.0000e+00	-3.9646e-04	8.2847e-08	-2.4356e-06	0.0000e+00
1378	0.0000e+00	0.0000e+00	-3.8741e-04	3.7829e-07	-3.0049e-06	0.0000e+00
1379	0.0000e+00	0.0000e+00	-3.5978e-04	1.0351e-06	-4.2637e-06	0.0000e+00
1380	0.0000e+00	0.0000e+00	-2.9065e-04	2.4518e-06	-6.2290e-06	0.0000e+00
1381	0.0000e+00	0.0000e+00	-1.3993e-04	4.9761e-06	-7.5427e-06	0.0000e+00
1382	0.0000e+00	0.0000e+00	-2.4076e-05	-4.2269e-07	-6.4085e-06	0.0000e+00
1383	0.0000e+00	0.0000e+00	3.4171e-05	-6.4176e-07	-1.7039e-06	0.0000e+00
1384	0.0000e+00	0.0000e+00	-4.3633e-05	-2.6400e-06	-2.5053e-06	0.0000e+00
1385	0.0000e+00	0.0000e+00	-1.5525e-04	-2.2537e-06	-3.4849e-06	0.0000e+00
1386	0.0000e+00	0.0000e+00	-2.2891e-04	-1.2071e-06	-3.6498e-06	0.0000e+00
1387	0.0000e+00	0.0000e+00	-2.6116e-04	-3.5632e-07	-3.6705e-06	0.0000e+00
1388	0.0000e+00	0.0000e+00	-2.6178e-04	2.9561e-07	-3.7897e-06	0.0000e+00
1389	0.0000e+00	0.0000e+00	-2.3503e-04	9.6389e-07	-4.0421e-06	0.0000e+00



1390	0.0000e+00	0.0000e+00	-1.7535e-04	1.8668e-06	-4.2963e-06	0.0000e+00
1391	0.0000e+00	0.0000e+00	-7.2217e-05	2.9506e-06	-4.1830e-06	0.0000e+00
1392	0.0000e+00	0.0000e+00	6.5566e-05	3.0404e-06	-2.8413e-06	0.0000e+00
1393	0.0000e+00	0.0000e+00	1.3820e-04	-5.2374e-08	-1.8693e-06	0.0000e+00
1394	0.0000e+00	0.0000e+00	1.2431e-04	-7.1292e-07	-2.6950e-06	0.0000e+00
1395	0.0000e+00	0.0000e+00	7.3068e-05	-1.5156e-06	-3.2223e-06	0.0000e+00
1396	0.0000e+00	0.0000e+00	6.3060e-06	-1.4110e-06	-4.3291e-06	0.0000e+00
1397	0.0000e+00	0.0000e+00	-4.2002e-05	-7.8610e-07	-5.1982e-06	0.0000e+00
1398	0.0000e+00	0.0000e+00	-6.0775e-05	-1.0763e-07	-5.7352e-06	0.0000e+00
1399	0.0000e+00	0.0000e+00	-5.1990e-05	4.8053e-07	-6.0428e-06	0.0000e+00
1400	0.0000e+00	0.0000e+00	-1.9007e-05	1.0208e-06	-6.1238e-06	0.0000e+00
1401	0.0000e+00	0.0000e+00	3.7246e-05	1.5539e-06	-5.8226e-06	0.0000e+00
1402	0.0000e+00	0.0000e+00	1.1407e-04	1.9123e-06	-4.9150e-06	0.0000e+00
1403	0.0000e+00	0.0000e+00	1.9406e-04	1.5786e-06	-3.5465e-06	0.0000e+00
1404	0.0000e+00	0.0000e+00	2.3633e-04	2.5208e-07	-2.9698e-06	0.0000e+00
1405	0.0000e+00	0.0000e+00	3.1510e-04	-8.0262e-07	-6.3133e-06	0.0000e+00
1406	0.0000e+00	0.0000e+00	2.8267e-04	-6.3806e-07	-6.6974e-06	0.0000e+00
1407	0.0000e+00	0.0000e+00	2.6027e-04	-3.5315e-07	-7.6929e-06	0.0000e+00
1408	0.0000e+00	0.0000e+00	2.5230e-04	1.1339e-08	-8.6444e-06	0.0000e+00
1409	0.0000e+00	0.0000e+00	2.6135e-04	3.9957e-07	-9.3401e-06	0.0000e+00
1410	0.0000e+00	0.0000e+00	2.8676e-04	7.3267e-07	-9.7932e-06	0.0000e+00
1411	0.0000e+00	0.0000e+00	3.2448e-04	9.3798e-07	-9.9822e-06	0.0000e+00
1412	0.0000e+00	0.0000e+00	3.6750e-04	9.5297e-07	-9.7705e-06	0.0000e+00
1413	0.0000e+00	0.0000e+00	4.0676e-04	7.6458e-07	-9.0144e-06	0.0000e+00
1414	0.0000e+00	0.0000e+00	4.3559e-04	5.2493e-07	-7.9358e-06	0.0000e+00
1415	0.0000e+00	0.0000e+00	4.5829e-04	5.4422e-07	-7.5228e-06	0.0000e+00
1416	0.0000e+00	0.0000e+00	7.1640e-04	-9.7293e-07	-1.2415e-05	0.0000e+00
1417	0.0000e+00	0.0000e+00	6.9767e-04	1.0363e-07	-1.2691e-05	0.0000e+00
1418	0.0000e+00	0.0000e+00	7.1235e-04	5.3478e-07	-1.3426e-05	0.0000e+00
1419	0.0000e+00	0.0000e+00	7.3875e-04	7.2961e-07	-1.3993e-05	0.0000e+00
1420	0.0000e+00	0.0000e+00	7.7504e-04	9.6003e-07	-1.4502e-05	0.0000e+00
1421	0.0000e+00	0.0000e+00	8.2217e-04	1.1640e-06	-1.5041e-05	0.0000e+00
1422	0.0000e+00	0.0000e+00	8.7536e-04	1.1694e-06	-1.5608e-05	0.0000e+00
1423	0.0000e+00	0.0000e+00	9.2214e-04	8.0918e-07	-1.6084e-05	0.0000e+00
1424	0.0000e+00	0.0000e+00	9.4556e-04	9.7601e-08	-1.6224e-05	0.0000e+00
1425	0.0000e+00	0.0000e+00	9.3991e-04	-3.1318e-07	-1.5693e-05	0.0000e+00
1426	0.0000e+00	0.0000e+00	9.4679e-04	7.9025e-07	-1.5292e-05	0.0000e+00
1427	0.0000e+00	0.0000e+00	1.4462e-03	-1.3269e-06	-2.1620e-05	0.0000e+00
1428	0.0000e+00	0.0000e+00	1.4324e-03	6.5891e-07	-2.1551e-05	0.0000e+00
1429	0.0000e+00	0.0000e+00	1.4568e-03	6.7385e-07	-2.1061e-05	0.0000e+00
1430	0.0000e+00	0.0000e+00	1.4875e-03	8.9298e-07	-2.0547e-05	0.0000e+00
1431	0.0000e+00	0.0000e+00	1.5353e-03	1.3608e-06	-2.0513e-05	0.0000e+00
1432	0.0000e+00	0.0000e+00	1.6060e-03	1.8571e-06	-2.1046e-05	0.0000e+00
1433	0.0000e+00	0.0000e+00	1.6951e-03	2.1198e-06	-2.2153e-05	0.0000e+00
1434	0.0000e+00	0.0000e+00	1.7866e-03	1.8697e-06	-2.3799e-05	0.0000e+00
1435	0.0000e+00	0.0000e+00	1.8526e-03	8.5393e-07	-2.5826e-05	0.0000e+00
1436	0.0000e+00	0.0000e+00	1.8614e-03	-7.6733e-07	-2.7374e-05	0.0000e+00
1437	0.0000e+00	0.0000e+00	1.8574e-03	9.5304e-07	-2.7259e-05	0.0000e+00
1438	0.0000e+00	0.0000e+00	2.6189e-03	-1.8283e-06	-3.2775e-05	0.0000e+00
1439	0.0000e+00	0.0000e+00	2.5463e-03	-1.0655e-06	-2.8815e-05	0.0000e+00
1440	0.0000e+00	0.0000e+00	2.5187e-03	6.6289e-08	-2.6656e-05	0.0000e+00
1441	0.0000e+00	0.0000e+00	2.5487e-03	1.3837e-06	-2.5879e-05	0.0000e+00
1442	0.0000e+00	0.0000e+00	2.6402e-03	2.6880e-06	-2.6297e-05	0.0000e+00
1443	0.0000e+00	0.0000e+00	2.7884e-03	3.7658e-06	-2.7880e-05	0.0000e+00
1444	0.0000e+00	0.0000e+00	2.9785e-03	4.3831e-06	-3.0726e-05	0.0000e+00
1445	0.0000e+00	0.0000e+00	3.1853e-03	4.2793e-06	-3.5109e-05	0.0000e+00
1446	0.0000e+00	0.0000e+00	3.3711e-03	3.1527e-06	-4.1605e-05	0.0000e+00
1447	0.0000e+00	0.0000e+00	-1.4612e-04	-5.3175e-06	-7.8984e-06	0.0000e+00
1448	0.0000e+00	0.0000e+00	-2.9399e-04	-2.6333e-06	-7.3887e-06	0.0000e+00
1449	0.0000e+00	0.0000e+00	-3.5443e-04	-8.1516e-07	-5.9437e-06	0.0000e+00
1450	0.0000e+00	0.0000e+00	-3.6238e-04	1.9110e-07	-5.1948e-06	0.0000e+00
1451	0.0000e+00	0.0000e+00	-3.4239e-04	6.9302e-07	-5.2232e-06	0.0000e+00
1452	0.0000e+00	0.0000e+00	-3.0880e-04	9.4398e-07	-5.9948e-06	0.0000e+00
1453	0.0000e+00	0.0000e+00	-2.6743e-04	1.1438e-06	-7.4576e-06	0.0000e+00
1454	0.0000e+00	0.0000e+00	-2.1733e-04	1.4474e-06	-9.5601e-06	0.0000e+00
1455	0.0000e+00	0.0000e+00	-1.5378e-04	1.8502e-06	-1.1790e-05	0.0000e+00
1456	0.0000e+00	0.0000e+00	-1.0332e-04	4.5110e-07	-1.4824e-05	0.0000e+00
1457	0.0000e+00	0.0000e+00	7.6079e-05	-2.7097e-06	-3.2719e-06	0.0000e+00
1458	0.0000e+00	0.0000e+00	-3.2228e-05	-2.4599e-06	-5.0519e-06	0.0000e+00
1459	0.0000e+00	0.0000e+00	-9.8991e-05	-1.0253e-06	-5.8873e-06	0.0000e+00
1460	0.0000e+00	0.0000e+00	-1.0959e-04	3.2890e-07	-6.4735e-06	0.0000e+00
1461	0.0000e+00	0.0000e+00	-7.3431e-05	1.3696e-06	-7.1864e-06	0.0000e+00

1462	0.0000e+00	0.0000e+00	-1.5047e-06	2.1810e-06	-8.1837e-06	0.0000e+00
1463	0.0000e+00	0.0000e+00	9.9520e-05	2.8776e-06	-9.4709e-06	0.0000e+00
1464	0.0000e+00	0.0000e+00	2.2563e-04	3.4605e-06	-1.0949e-05	0.0000e+00
1465	0.0000e+00	0.0000e+00	3.6730e-04	3.5768e-06	-1.2218e-05	0.0000e+00
1466	0.0000e+00	0.0000e+00	4.8877e-04	2.3517e-06	-1.4507e-05	0.0000e+00
1467	0.0000e+00	0.0000e+00	2.2389e-04	-7.4083e-07	-4.0049e-06	0.0000e+00
1468	0.0000e+00	0.0000e+00	1.9325e-04	-6.3834e-07	-5.8351e-06	0.0000e+00
1469	0.0000e+00	0.0000e+00	1.8546e-04	2.6780e-07	-7.5370e-06	0.0000e+00
1470	0.0000e+00	0.0000e+00	2.1997e-04	1.4095e-06	-8.9189e-06	0.0000e+00
1471	0.0000e+00	0.0000e+00	2.9904e-04	2.4930e-06	-1.0128e-05	0.0000e+00
1472	0.0000e+00	0.0000e+00	4.1848e-04	3.4470e-06	-1.1307e-05	0.0000e+00
1473	0.0000e+00	0.0000e+00	5.7270e-04	4.2480e-06	-1.2487e-05	0.0000e+00
1474	0.0000e+00	0.0000e+00	7.5402e-04	4.7948e-06	-1.3631e-05	0.0000e+00
1475	0.0000e+00	0.0000e+00	9.4767e-04	4.8152e-06	-1.4578e-05	0.0000e+00
1476	0.0000e+00	0.0000e+00	1.1236e-03	3.8768e-06	-1.6538e-05	0.0000e+00
1477	0.0000e+00	0.0000e+00	4.8567e-04	8.6721e-07	-8.4019e-06	0.0000e+00
1478	0.0000e+00	0.0000e+00	5.2958e-04	1.3761e-06	-1.0068e-05	0.0000e+00
1479	0.0000e+00	0.0000e+00	5.9740e-04	2.0707e-06	-1.1798e-05	0.0000e+00
1480	0.0000e+00	0.0000e+00	6.9659e-04	2.9280e-06	-1.3307e-05	0.0000e+00
1481	0.0000e+00	0.0000e+00	8.3205e-04	3.8587e-06	-1.4633e-05	0.0000e+00
1482	0.0000e+00	0.0000e+00	1.0044e-03	4.7469e-06	-1.5869e-05	0.0000e+00
1483	0.0000e+00	0.0000e+00	1.2093e-03	5.4693e-06	-1.7037e-05	0.0000e+00
1484	0.0000e+00	0.0000e+00	1.4375e-03	5.8918e-06	-1.8105e-05	0.0000e+00
1485	0.0000e+00	0.0000e+00	1.6741e-03	5.8693e-06	-1.8952e-05	0.0000e+00
1486	0.0000e+00	0.0000e+00	1.8961e-03	5.1516e-06	-2.0670e-05	0.0000e+00
1487	0.0000e+00	0.0000e+00	1.0098e-03	2.3248e-06	-1.6107e-05	0.0000e+00
1488	0.0000e+00	0.0000e+00	1.1188e-03	3.1091e-06	-1.7459e-05	0.0000e+00
1489	0.0000e+00	0.0000e+00	1.2506e-03	3.6163e-06	-1.8583e-05	0.0000e+00
1490	0.0000e+00	0.0000e+00	1.4062e-03	4.2973e-06	-1.9582e-05	0.0000e+00
1491	0.0000e+00	0.0000e+00	1.5940e-03	5.1667e-06	-2.0605e-05	0.0000e+00
1492	0.0000e+00	0.0000e+00	1.8182e-03	6.0514e-06	-2.1735e-05	0.0000e+00
1493	0.0000e+00	0.0000e+00	2.0748e-03	6.7291e-06	-2.2961e-05	0.0000e+00
1494	0.0000e+00	0.0000e+00	2.3515e-03	7.0025e-06	-2.4183e-05	0.0000e+00
1495	0.0000e+00	0.0000e+00	2.6299e-03	6.8258e-06	-2.5129e-05	0.0000e+00
1496	0.0000e+00	0.0000e+00	2.8930e-03	6.2761e-06	-2.6673e-05	0.0000e+00
1497	0.0000e+00	0.0000e+00	1.9482e-03	3.6592e-06	-2.7688e-05	0.0000e+00
1498	0.0000e+00	0.0000e+00	2.0889e-03	3.7223e-06	-2.7533e-05	0.0000e+00
1499	0.0000e+00	0.0000e+00	2.2381e-03	4.0572e-06	-2.6985e-05	0.0000e+00
1500	0.0000e+00	0.0000e+00	2.4134e-03	4.9221e-06	-2.6796e-05	0.0000e+00
1501	0.0000e+00	0.0000e+00	2.6314e-03	6.1036e-06	-2.7116e-05	0.0000e+00
1502	0.0000e+00	0.0000e+00	2.8988e-03	7.3167e-06	-2.7956e-05	0.0000e+00
1503	0.0000e+00	0.0000e+00	3.2104e-03	8.2434e-06	-2.9264e-05	0.0000e+00
1504	0.0000e+00	0.0000e+00	3.5480e-03	8.5418e-06	-3.0928e-05	0.0000e+00
1505	0.0000e+00	0.0000e+00	3.8821e-03	8.0160e-06	-3.2519e-05	0.0000e+00
1506	0.0000e+00	0.0000e+00	4.1895e-03	7.3632e-06	-3.4316e-05	0.0000e+00
1507	0.0000e+00	0.0000e+00	3.4968e-03	6.1633e-07	-4.3176e-05	0.0000e+00
1508	0.0000e+00	0.0000e+00	3.5199e-03	1.2731e-06	-3.7974e-05	0.0000e+00
1509	0.0000e+00	0.0000e+00	3.5861e-03	2.5895e-06	-3.4732e-05	0.0000e+00
1510	0.0000e+00	0.0000e+00	3.7182e-03	4.3472e-06	-3.2949e-05	0.0000e+00
1511	0.0000e+00	0.0000e+00	3.9293e-03	6.3040e-06	-3.2312e-05	0.0000e+00
1512	0.0000e+00	0.0000e+00	4.2226e-03	8.1915e-06	-3.2645e-05	0.0000e+00
1513	0.0000e+00	0.0000e+00	4.5897e-03	9.7059e-06	-3.3856e-05	0.0000e+00
1514	0.0000e+00	0.0000e+00	5.0097e-03	1.0499e-05	-3.5933e-05	0.0000e+00
1515	0.0000e+00	0.0000e+00	5.4466e-03	1.0166e-05	-3.8930e-05	0.0000e+00
1516	0.0000e+00	0.0000e+00	1.5208e-04	3.2675e-06	5.7575e-06	0.0000e+00
1517	0.0000e+00	0.0000e+00	2.4424e-04	1.6651e-06	5.6938e-06	0.0000e+00
1518	0.0000e+00	0.0000e+00	2.8020e-04	3.5286e-07	5.0007e-06	0.0000e+00
1519	0.0000e+00	0.0000e+00	2.7182e-04	-7.4149e-07	4.8326e-06	0.0000e+00
1520	0.0000e+00	0.0000e+00	2.2083e-04	-1.9545e-06	5.1993e-06	0.0000e+00
1521	0.0000e+00	0.0000e+00	1.1754e-04	-3.4688e-06	5.2100e-06	0.0000e+00
1522	0.0000e+00	0.0000e+00	-1.5075e-05	1.3713e-06	2.5821e-06	0.0000e+00
1523	0.0000e+00	0.0000e+00	4.4613e-05	1.3966e-06	3.7884e-06	0.0000e+00
1524	0.0000e+00	0.0000e+00	8.0764e-05	4.3422e-07	4.2412e-06	0.0000e+00
1525	0.0000e+00	0.0000e+00	7.5181e-05	-6.9935e-07	4.2663e-06	0.0000e+00
1526	0.0000e+00	0.0000e+00	2.7354e-05	-1.6988e-06	3.9149e-06	0.0000e+00
1527	0.0000e+00	0.0000e+00	-4.8488e-05	-1.9240e-06	2.9411e-06	0.0000e+00
1528	0.0000e+00	0.0000e+00	-1.3444e-04	1.3811e-07	3.2723e-06	0.0000e+00
1529	0.0000e+00	0.0000e+00	-1.2186e-04	3.7568e-07	4.2868e-06	0.0000e+00
1530	0.0000e+00	0.0000e+00	-1.1214e-04	5.7712e-08	4.9606e-06	0.0000e+00
1531	0.0000e+00	0.0000e+00	-1.2030e-04	-4.7757e-07	5.0291e-06	0.0000e+00
1532	0.0000e+00	0.0000e+00	-1.4848e-04	-9.0329e-07	4.5205e-06	0.0000e+00
1533	0.0000e+00	0.0000e+00	-1.8575e-04	-8.6666e-07	3.6753e-06	0.0000e+00

1534	0.0000e+00	0.0000e+00	-3.4676e-04	-7.5277e-07	6.8090e-06	0.0000e+00
1535	0.0000e+00	0.0000e+00	-3.7229e-04	-5.3102e-07	7.6231e-06	0.0000e+00
1536	0.0000e+00	0.0000e+00	-3.8825e-04	-3.0709e-07	8.1319e-06	0.0000e+00
1537	0.0000e+00	0.0000e+00	-3.9717e-04	-1.7488e-07	8.0743e-06	0.0000e+00
1538	0.0000e+00	0.0000e+00	-4.0250e-04	-1.0739e-07	7.4967e-06	0.0000e+00
1539	0.0000e+00	0.0000e+00	-4.0532e-04	-3.6649e-08	6.6828e-06	0.0000e+00
1540	0.0000e+00	0.0000e+00	-7.7009e-04	-1.5811e-06	1.3014e-05	0.0000e+00
1541	0.0000e+00	0.0000e+00	-8.2638e-04	-1.1773e-06	1.3650e-05	0.0000e+00
1542	0.0000e+00	0.0000e+00	-8.5645e-04	-3.9724e-07	1.3750e-05	0.0000e+00
1543	0.0000e+00	0.0000e+00	-8.5720e-04	2.9469e-07	1.3407e-05	0.0000e+00
1544	0.0000e+00	0.0000e+00	-8.3510e-04	7.7177e-07	1.2712e-05	0.0000e+00
1545	0.0000e+00	0.0000e+00	-8.0059e-04	8.7594e-07	1.1757e-05	0.0000e+00
1546	0.0000e+00	0.0000e+00	-1.5245e-03	-2.4323e-06	2.2190e-05	0.0000e+00
1547	0.0000e+00	0.0000e+00	-1.5911e-03	-1.0941e-06	2.1813e-05	0.0000e+00
1548	0.0000e+00	0.0000e+00	-1.6076e-03	1.0288e-07	2.0950e-05	0.0000e+00
1549	0.0000e+00	0.0000e+00	-1.5850e-03	9.6217e-07	2.0210e-05	0.0000e+00
1550	0.0000e+00	0.0000e+00	-1.5339e-03	1.6366e-06	1.9653e-05	0.0000e+00
1551	0.0000e+00	0.0000e+00	-1.4612e-03	2.0957e-06	1.8956e-05	0.0000e+00
1552	0.0000e+00	0.0000e+00	-2.7446e-03	-2.6343e-07	3.3529e-05	0.0000e+00
1553	0.0000e+00	0.0000e+00	-2.7204e-03	8.3156e-07	2.9827e-05	0.0000e+00
1554	0.0000e+00	0.0000e+00	-2.6680e-03	1.3519e-06	2.7573e-05	0.0000e+00
1555	0.0000e+00	0.0000e+00	-2.6060e-03	1.5094e-06	2.6523e-05	0.0000e+00
1556	0.0000e+00	0.0000e+00	-2.5448e-03	1.4934e-06	2.6625e-05	0.0000e+00
1557	0.0000e+00	0.0000e+00	-2.4871e-03	1.4725e-06	2.8015e-05	0.0000e+00
1558	0.0000e+00	0.0000e+00	-1.1749e-04	-3.4686e-06	-5.2103e-06	0.0000e+00
1559	0.0000e+00	0.0000e+00	-2.2077e-04	-1.9543e-06	-5.1996e-06	0.0000e+00
1560	0.0000e+00	0.0000e+00	-2.7175e-04	-7.4135e-07	-4.8328e-06	0.0000e+00
1561	0.0000e+00	0.0000e+00	-2.8013e-04	3.5294e-07	-5.0009e-06	0.0000e+00
1562	0.0000e+00	0.0000e+00	-2.4417e-04	1.6651e-06	-5.6939e-06	0.0000e+00
1563	0.0000e+00	0.0000e+00	-1.5201e-04	3.2674e-06	-5.7575e-06	0.0000e+00
1564	0.0000e+00	0.0000e+00	4.8556e-05	-1.9238e-06	-2.9415e-06	0.0000e+00
1565	0.0000e+00	0.0000e+00	-2.7281e-05	-1.6987e-06	-3.9152e-06	0.0000e+00
1566	0.0000e+00	0.0000e+00	-7.5103e-05	-6.9927e-07	-4.2667e-06	0.0000e+00
1567	0.0000e+00	0.0000e+00	-8.0684e-05	4.3422e-07	-4.2414e-06	0.0000e+00
1568	0.0000e+00	0.0000e+00	-4.4536e-05	1.3965e-06	-3.7885e-06	0.0000e+00
1569	0.0000e+00	0.0000e+00	1.5145e-05	1.3711e-06	-2.5820e-06	0.0000e+00
1570	0.0000e+00	0.0000e+00	1.8584e-04	-8.6651e-07	-3.6758e-06	0.0000e+00
1571	0.0000e+00	0.0000e+00	1.4857e-04	-9.0320e-07	-4.5210e-06	0.0000e+00
1572	0.0000e+00	0.0000e+00	1.2040e-04	-4.7758e-07	-5.0295e-06	0.0000e+00
1573	0.0000e+00	0.0000e+00	1.1223e-04	5.7577e-08	-4.9608e-06	0.0000e+00
1574	0.0000e+00	0.0000e+00	1.2194e-04	3.7537e-07	-4.2868e-06	0.0000e+00
1575	0.0000e+00	0.0000e+00	1.3450e-04	1.3759e-07	-3.2721e-06	0.0000e+00
1576	0.0000e+00	0.0000e+00	4.0543e-04	-3.6544e-08	-6.6834e-06	0.0000e+00
1577	0.0000e+00	0.0000e+00	4.0261e-04	-1.0740e-07	-7.4972e-06	0.0000e+00
1578	0.0000e+00	0.0000e+00	3.9728e-04	-1.7502e-07	-8.0747e-06	0.0000e+00
1579	0.0000e+00	0.0000e+00	3.8835e-04	-3.0740e-07	-8.1322e-06	0.0000e+00
1580	0.0000e+00	0.0000e+00	3.7238e-04	-5.3157e-07	-7.6231e-06	0.0000e+00
1581	0.0000e+00	0.0000e+00	3.4682e-04	-7.5361e-07	-6.8087e-06	0.0000e+00
1582	0.0000e+00	0.0000e+00	8.0072e-04	8.7596e-07	-1.1758e-05	0.0000e+00
1583	0.0000e+00	0.0000e+00	8.3523e-04	7.7164e-07	-1.2713e-05	0.0000e+00
1584	0.0000e+00	0.0000e+00	8.5733e-04	2.9438e-07	-1.3407e-05	0.0000e+00
1585	0.0000e+00	0.0000e+00	8.5656e-04	-3.9779e-07	-1.3751e-05	0.0000e+00
1586	0.0000e+00	0.0000e+00	8.2646e-04	-1.1781e-06	-1.3650e-05	0.0000e+00
1587	0.0000e+00	0.0000e+00	7.7013e-04	-1.5823e-06	-1.3014e-05	0.0000e+00
1588	0.0000e+00	0.0000e+00	1.4614e-03	2.0956e-06	-1.8956e-05	0.0000e+00
1589	0.0000e+00	0.0000e+00	1.5341e-03	1.6363e-06	-1.9653e-05	0.0000e+00
1590	0.0000e+00	0.0000e+00	1.5852e-03	9.6166e-07	-2.0211e-05	0.0000e+00
1591	0.0000e+00	0.0000e+00	1.6077e-03	1.0208e-07	-2.0951e-05	0.0000e+00
1592	0.0000e+00	0.0000e+00	1.5912e-03	-1.0953e-06	-2.1812e-05	0.0000e+00
1593	0.0000e+00	0.0000e+00	1.5245e-03	-2.4339e-06	-2.2189e-05	0.0000e+00
1594	0.0000e+00	0.0000e+00	2.4873e-03	1.4722e-06	-2.8015e-05	0.0000e+00
1595	0.0000e+00	0.0000e+00	2.5449e-03	1.4929e-06	-2.6625e-05	0.0000e+00
1596	0.0000e+00	0.0000e+00	2.6062e-03	1.5086e-06	-2.6523e-05	0.0000e+00
1597	0.0000e+00	0.0000e+00	2.6681e-03	1.3508e-06	-2.7573e-05	0.0000e+00
1598	0.0000e+00	0.0000e+00	2.7204e-03	8.2999e-07	-2.9826e-05	0.0000e+00
1599	0.0000e+00	0.0000e+00	2.7446e-03	-2.6554e-07	-3.3528e-05	0.0000e+00
1600	0.0000e+00	0.0000e+00	4.0839e-05	7.4312e-07	1.4917e-06	0.0000e+00
1601	0.0000e+00	0.0000e+00	6.1501e-05	3.1498e-07	1.2507e-06	0.0000e+00
1602	0.0000e+00	0.0000e+00	6.7988e-05	5.0455e-08	8.1676e-07	0.0000e+00
1603	0.0000e+00	0.0000e+00	6.6398e-05	-9.4943e-08	5.0244e-07	0.0000e+00
1604	0.0000e+00	0.0000e+00	5.9827e-05	-1.9874e-07	3.0598e-07	0.0000e+00
1605	0.0000e+00	0.0000e+00	4.8547e-05	-3.2316e-07	2.1027e-07	0.0000e+00

1606	0.0000e+00	0.0000e+00	3.0186e-05	-5.3824e-07	1.9372e-07	0.0000e+00
1607	0.0000e+00	0.0000e+00	-1.9966e-09	-7.8109e-07	-8.0711e-11	0.0000e+00
1608	0.0000e+00	0.0000e+00	3.9889e-06	3.0251e-07	4.1542e-07	0.0000e+00
1609	0.0000e+00	0.0000e+00	2.1337e-05	4.1856e-07	6.8720e-07	0.0000e+00
1610	0.0000e+00	0.0000e+00	3.5980e-05	2.6574e-07	6.7357e-07	0.0000e+00
1611	0.0000e+00	0.0000e+00	4.3613e-05	9.6865e-08	5.4798e-07	0.0000e+00
1612	0.0000e+00	0.0000e+00	4.4264e-05	-6.6298e-08	4.0456e-07	0.0000e+00
1613	0.0000e+00	0.0000e+00	3.7548e-05	-2.4924e-07	2.8527e-07	0.0000e+00
1614	0.0000e+00	0.0000e+00	2.2463e-05	-4.4637e-07	1.7222e-07	0.0000e+00
1615	0.0000e+00	0.0000e+00	2.2989e-09	-5.5911e-07	-1.1898e-10	0.0000e+00
1616	0.0000e+00	0.0000e+00	-1.5400e-05	5.0026e-08	5.8335e-07	0.0000e+00
1617	0.0000e+00	0.0000e+00	-7.8879e-06	2.5548e-07	7.7829e-07	0.0000e+00
1618	0.0000e+00	0.0000e+00	4.5721e-06	2.9117e-07	8.4536e-07	0.0000e+00
1619	0.0000e+00	0.0000e+00	1.6246e-05	2.2527e-07	7.5042e-07	0.0000e+00
1620	0.0000e+00	0.0000e+00	2.3492e-05	8.7494e-08	5.6827e-07	0.0000e+00
1621	0.0000e+00	0.0000e+00	2.3495e-05	-1.0300e-07	3.6877e-07	0.0000e+00
1622	0.0000e+00	0.0000e+00	1.4938e-05	-2.9045e-07	1.8169e-07	0.0000e+00
1623	0.0000e+00	0.0000e+00	8.5575e-09	-3.7562e-07	-1.7062e-10	0.0000e+00
1624	0.0000e+00	0.0000e+00	-6.1084e-05	-4.6534e-08	1.6093e-06	0.0000e+00
1625	0.0000e+00	0.0000e+00	-5.8043e-05	1.7542e-07	1.6383e-06	0.0000e+00
1626	0.0000e+00	0.0000e+00	-4.5165e-05	3.7534e-07	1.5303e-06	0.0000e+00
1627	0.0000e+00	0.0000e+00	-2.6249e-05	4.4396e-07	1.2591e-06	0.0000e+00
1628	0.0000e+00	0.0000e+00	-7.7706e-06	3.5873e-07	8.9774e-07	0.0000e+00
1629	0.0000e+00	0.0000e+00	4.1258e-06	1.5424e-07	5.3207e-07	0.0000e+00
1630	0.0000e+00	0.0000e+00	6.0387e-06	-7.4933e-08	2.2886e-07	0.0000e+00
1631	0.0000e+00	0.0000e+00	1.7249e-08	-1.8198e-07	-2.3060e-10	0.0000e+00
1632	0.0000e+00	0.0000e+00	-1.6851e-04	-1.0440e-08	3.4453e-06	0.0000e+00
1633	0.0000e+00	0.0000e+00	-1.6109e-04	3.4697e-07	3.2140e-06	0.0000e+00
1634	0.0000e+00	0.0000e+00	-1.3589e-04	7.3652e-07	2.7199e-06	0.0000e+00
1635	0.0000e+00	0.0000e+00	-9.8046e-05	9.1994e-07	2.0910e-06	0.0000e+00
1636	0.0000e+00	0.0000e+00	-5.7663e-05	8.6179e-07	1.4223e-06	0.0000e+00
1637	0.0000e+00	0.0000e+00	-2.4589e-05	5.9825e-07	7.9342e-07	0.0000e+00
1638	0.0000e+00	0.0000e+00	-5.6829e-06	2.4252e-07	3.0056e-07	0.0000e+00
1639	0.0000e+00	0.0000e+00	2.8586e-08	4.7905e-08	-2.9155e-10	0.0000e+00
1640	0.0000e+00	0.0000e+00	-3.7507e-04	2.4536e-07	6.2357e-06	0.0000e+00
1641	0.0000e+00	0.0000e+00	-3.4505e-04	1.0407e-06	5.3261e-06	0.0000e+00
1642	0.0000e+00	0.0000e+00	-2.8591e-04	1.5786e-06	4.2100e-06	0.0000e+00
1643	0.0000e+00	0.0000e+00	-2.1100e-04	1.7841e-06	3.1209e-06	0.0000e+00
1644	0.0000e+00	0.0000e+00	-1.3399e-04	1.6902e-06	2.1018e-06	0.0000e+00
1645	0.0000e+00	0.0000e+00	-6.7134e-05	1.3309e-06	1.1714e-06	0.0000e+00
1646	0.0000e+00	0.0000e+00	-2.1069e-05	7.5343e-07	3.8673e-07	0.0000e+00
1647	0.0000e+00	0.0000e+00	4.2323e-08	3.1843e-07	-3.3926e-10	0.0000e+00
1648	0.0000e+00	0.0000e+00	-7.1858e-04	1.6508e-06	9.4202e-06	0.0000e+00
1649	0.0000e+00	0.0000e+00	-6.2081e-04	2.4408e-06	7.2638e-06	0.0000e+00
1650	0.0000e+00	0.0000e+00	-4.9895e-04	2.8320e-06	5.5277e-06	0.0000e+00
1651	0.0000e+00	0.0000e+00	-3.6818e-04	2.8965e-06	4.0734e-06	0.0000e+00
1652	0.0000e+00	0.0000e+00	-2.4140e-04	2.6760e-06	2.8256e-06	0.0000e+00
1653	0.0000e+00	0.0000e+00	-1.3024e-04	2.1877e-06	1.7441e-06	0.0000e+00
1654	0.0000e+00	0.0000e+00	-4.5984e-05	1.4187e-06	8.0969e-07	0.0000e+00
1655	0.0000e+00	0.0000e+00	-3.0191e-05	-5.3826e-07	-1.9389e-07	0.0000e+00
1656	0.0000e+00	0.0000e+00	-4.8552e-05	-3.2317e-07	-2.1043e-07	0.0000e+00
1657	0.0000e+00	0.0000e+00	-5.9833e-05	-1.9875e-07	-3.0614e-07	0.0000e+00
1658	0.0000e+00	0.0000e+00	-6.6404e-05	-9.4942e-08	-5.0260e-07	0.0000e+00
1659	0.0000e+00	0.0000e+00	-6.7994e-05	5.0465e-08	-8.1691e-07	0.0000e+00
1660	0.0000e+00	0.0000e+00	-6.1506e-05	3.1500e-07	-1.2509e-06	0.0000e+00
1661	0.0000e+00	0.0000e+00	-4.0843e-05	7.4315e-07	-1.4918e-06	0.0000e+00
1662	0.0000e+00	0.0000e+00	-2.2459e-05	-4.4639e-07	-1.7246e-07	0.0000e+00
1663	0.0000e+00	0.0000e+00	-3.7544e-05	-2.4926e-07	-2.8551e-07	0.0000e+00
1664	0.0000e+00	0.0000e+00	-4.4261e-05	-6.6310e-08	-4.0480e-07	0.0000e+00
1665	0.0000e+00	0.0000e+00	-4.3610e-05	9.6863e-08	-5.4821e-07	0.0000e+00
1666	0.0000e+00	0.0000e+00	-3.5978e-05	2.6575e-07	-6.7380e-07	0.0000e+00
1667	0.0000e+00	0.0000e+00	-2.1333e-05	4.1858e-07	-6.8743e-07	0.0000e+00
1668	0.0000e+00	0.0000e+00	-3.9848e-06	3.0254e-07	-4.1565e-07	0.0000e+00
1669	0.0000e+00	0.0000e+00	-1.4921e-05	-2.9047e-07	-1.8204e-07	0.0000e+00
1670	0.0000e+00	0.0000e+00	-2.3479e-05	-1.0302e-07	-3.6911e-07	0.0000e+00
1671	0.0000e+00	0.0000e+00	-2.3477e-05	8.7478e-08	-5.6860e-07	0.0000e+00
1672	0.0000e+00	0.0000e+00	-1.6231e-05	2.2526e-07	-7.5075e-07	0.0000e+00
1673	0.0000e+00	0.0000e+00	-4.5573e-06	2.9118e-07	-8.4569e-07	0.0000e+00
1674	0.0000e+00	0.0000e+00	7.9032e-06	2.5549e-07	-7.7862e-07	0.0000e+00
1675	0.0000e+00	0.0000e+00	1.5416e-05	5.0046e-08	-5.8368e-07	0.0000e+00
1676	0.0000e+00	0.0000e+00	-6.0047e-06	-7.4952e-08	-2.2932e-07	0.0000e+00
1677	0.0000e+00	0.0000e+00	-4.0928e-06	1.5422e-07	-5.3252e-07	0.0000e+00

1678	0.0000e+00	0.0000e+00	7.8025e-06	3.5871e-07	-8.9818e-07	0.0000e+00
1679	0.0000e+00	0.0000e+00	2.6280e-05	4.4396e-07	-1.2596e-06	0.0000e+00
1680	0.0000e+00	0.0000e+00	4.5196e-05	3.7535e-07	-1.5308e-06	0.0000e+00
1681	0.0000e+00	0.0000e+00	5.8075e-05	1.7544e-07	-1.6387e-06	0.0000e+00
1682	0.0000e+00	0.0000e+00	6.1117e-05	-4.6509e-08	-1.6097e-06	0.0000e+00
1683	0.0000e+00	0.0000e+00	5.7394e-06	2.4249e-07	-3.0113e-07	0.0000e+00
1684	0.0000e+00	0.0000e+00	2.4644e-05	5.9821e-07	-7.9398e-07	0.0000e+00
1685	0.0000e+00	0.0000e+00	5.7716e-05	8.6176e-07	-1.4228e-06	0.0000e+00
1686	0.0000e+00	0.0000e+00	9.8099e-05	9.1993e-07	-2.0915e-06	0.0000e+00
1687	0.0000e+00	0.0000e+00	1.3594e-04	7.3654e-07	-2.7204e-06	0.0000e+00
1688	0.0000e+00	0.0000e+00	1.6115e-04	3.4701e-07	-3.2145e-06	0.0000e+00
1689	0.0000e+00	0.0000e+00	1.6857e-04	-1.0404e-08	-3.4458e-06	0.0000e+00
1690	0.0000e+00	0.0000e+00	2.1153e-05	7.5338e-07	-3.8740e-07	0.0000e+00
1691	0.0000e+00	0.0000e+00	6.7215e-05	1.3308e-06	-1.1720e-06	0.0000e+00
1692	0.0000e+00	0.0000e+00	1.3407e-04	1.6901e-06	-2.1025e-06	0.0000e+00
1693	0.0000e+00	0.0000e+00	2.1108e-04	1.7840e-06	-3.1216e-06	0.0000e+00
1694	0.0000e+00	0.0000e+00	2.8599e-04	1.5786e-06	-4.2106e-06	0.0000e+00
1695	0.0000e+00	0.0000e+00	3.4513e-04	1.0408e-06	-5.3267e-06	0.0000e+00
1696	0.0000e+00	0.0000e+00	3.7515e-04	2.4542e-07	-6.2363e-06	0.0000e+00
1697	0.0000e+00	0.0000e+00	4.6097e-05	1.4186e-06	-8.1037e-07	0.0000e+00
1698	0.0000e+00	0.0000e+00	1.3035e-04	2.1877e-06	-1.7447e-06	0.0000e+00
1699	0.0000e+00	0.0000e+00	2.4151e-04	2.6760e-06	-2.8263e-06	0.0000e+00
1700	0.0000e+00	0.0000e+00	3.6829e-04	2.8965e-06	-4.0740e-06	0.0000e+00
1701	0.0000e+00	0.0000e+00	4.9906e-04	2.8320e-06	-5.5283e-06	0.0000e+00
1702	0.0000e+00	0.0000e+00	6.2092e-04	2.4409e-06	-7.2644e-06	0.0000e+00
1703	0.0000e+00	0.0000e+00	7.1869e-04	1.6509e-06	-9.4209e-06	0.0000e+00
1704	0.0000e+00	0.0000e+00	1.0992e-04	-4.8861e-07	1.5875e-05	0.0000e+00
1705	0.0000e+00	0.0000e+00	-5.7228e-04	1.6525e-06	1.5411e-05	0.0000e+00
1706	0.0000e+00	0.0000e+00	-1.2795e-03	3.3326e-06	1.7152e-05	0.0000e+00
1707	0.0000e+00	0.0000e+00	-2.1109e-03	4.6791e-06	2.1150e-05	0.0000e+00
1708	0.0000e+00	0.0000e+00	-3.1602e-03	5.8904e-06	2.7177e-05	0.0000e+00
1709	0.0000e+00	0.0000e+00	-4.5068e-03	7.1141e-06	3.4746e-05	0.0000e+00
1710	0.0000e+00	0.0000e+00	-1.0745e-04	-4.7614e-07	-1.5887e-05	0.0000e+00
1711	0.0000e+00	0.0000e+00	5.7532e-04	1.6667e-06	-1.5425e-05	0.0000e+00
1712	0.0000e+00	0.0000e+00	1.2832e-03	3.3487e-06	-1.7169e-05	0.0000e+00
1713	0.0000e+00	0.0000e+00	2.1154e-03	4.6972e-06	-2.1168e-05	0.0000e+00
1714	0.0000e+00	0.0000e+00	3.1655e-03	5.9103e-06	-2.7197e-05	0.0000e+00
1715	0.0000e+00	0.0000e+00	4.5129e-03	7.1356e-06	-3.4764e-05	0.0000e+00
1716	0.0000e+00	0.0000e+00	-3.1512e-03	-5.6800e-06	-2.3457e-05	0.0000e+00
1717	0.0000e+00	0.0000e+00	-2.3085e-03	-5.3108e-06	-1.5071e-05	0.0000e+00
1718	0.0000e+00	0.0000e+00	-1.8040e-03	-5.1956e-06	-8.0558e-06	0.0000e+00
1719	0.0000e+00	0.0000e+00	-1.5678e-03	-5.1868e-06	-2.7746e-06	0.0000e+00
1720	0.0000e+00	0.0000e+00	-1.5210e-03	-5.1493e-06	6.3592e-07	0.0000e+00
1721	0.0000e+00	0.0000e+00	-1.5783e-03	-4.9761e-06	2.0038e-06	0.0000e+00
1722	0.0000e+00	0.0000e+00	-1.6454e-03	-4.5419e-06	1.0914e-06	0.0000e+00
1723	0.0000e+00	0.0000e+00	-1.6160e-03	-3.6581e-06	-2.4110e-06	0.0000e+00
1724	0.0000e+00	0.0000e+00	-1.3710e-03	-2.0863e-06	-8.6817e-06	0.0000e+00
1725	0.0000e+00	0.0000e+00	3.1542e-03	-5.6914e-06	2.3467e-05	0.0000e+00
1726	0.0000e+00	0.0000e+00	2.3110e-03	-5.3215e-06	1.5081e-05	0.0000e+00
1727	0.0000e+00	0.0000e+00	1.8062e-03	-5.2056e-06	8.0642e-06	0.0000e+00
1728	0.0000e+00	0.0000e+00	1.5697e-03	-5.1962e-06	2.7812e-06	0.0000e+00
1729	0.0000e+00	0.0000e+00	1.5226e-03	-5.1583e-06	-6.3142e-07	0.0000e+00
1730	0.0000e+00	0.0000e+00	1.5798e-03	-4.9849e-06	-2.0017e-06	0.0000e+00
1731	0.0000e+00	0.0000e+00	1.6468e-03	-4.5509e-06	-1.0919e-06	0.0000e+00
1732	0.0000e+00	0.0000e+00	1.6175e-03	-3.6674e-06	2.4079e-06	0.0000e+00
1733	0.0000e+00	0.0000e+00	1.3727e-03	-2.0963e-06	8.6758e-06	0.0000e+00
1734	0.0000e+00	0.0000e+00	-7.1662e-03	1.3881e-05	3.7623e-05	0.0000e+00
1735	0.0000e+00	0.0000e+00	-6.6185e-03	1.3528e-05	3.5654e-05	0.0000e+00
1736	0.0000e+00	0.0000e+00	-6.1143e-03	1.1709e-05	3.3894e-05	0.0000e+00
1737	0.0000e+00	0.0000e+00	-5.6985e-03	9.0934e-06	3.2866e-05	0.0000e+00
1738	0.0000e+00	0.0000e+00	-5.3962e-03	6.0295e-06	3.2710e-05	0.0000e+00
1739	0.0000e+00	0.0000e+00	-5.2203e-03	2.7708e-06	3.3540e-05	0.0000e+00
1740	0.0000e+00	0.0000e+00	-5.1739e-03	-4.6085e-07	3.5461e-05	0.0000e+00
1741	0.0000e+00	0.0000e+00	-5.2495e-03	-3.3616e-06	3.8464e-05	0.0000e+00
1742	0.0000e+00	0.0000e+00	-5.4140e-03	-4.9013e-06	4.1456e-05	0.0000e+00
1743	0.0000e+00	0.0000e+00	-5.2208e-03	9.8848e-06	4.0160e-05	0.0000e+00
1744	0.0000e+00	0.0000e+00	-4.7879e-03	9.8570e-06	3.5643e-05	0.0000e+00
1745	0.0000e+00	0.0000e+00	-4.3884e-03	8.3537e-06	3.1484e-05	0.0000e+00
1746	0.0000e+00	0.0000e+00	-4.0678e-03	6.2485e-06	2.8588e-05	0.0000e+00
1747	0.0000e+00	0.0000e+00	-3.8468e-03	3.8102e-06	2.6969e-05	0.0000e+00
1748	0.0000e+00	0.0000e+00	-3.7370e-03	1.1820e-06	2.6580e-05	0.0000e+00
1749	0.0000e+00	0.0000e+00	-3.7442e-03	-1.5169e-06	2.7427e-05	0.0000e+00

1750	0.0000e+00	0.0000e+00	-3.8674e-03	-4.1111e-06	2.9503e-05	0.0000e+00
1751	0.0000e+00	0.0000e+00	-4.0891e-03	-5.9692e-06	3.2201e-05	0.0000e+00
1752	0.0000e+00	0.0000e+00	5.1311e-03	-9.9014e-06	2.7480e-05	0.0000e+00
1753	0.0000e+00	0.0000e+00	4.7331e-03	-1.0122e-05	2.6573e-05	0.0000e+00
1754	0.0000e+00	0.0000e+00	4.3523e-03	-8.9626e-06	2.5464e-05	0.0000e+00
1755	0.0000e+00	0.0000e+00	4.0325e-03	-7.0483e-06	2.4861e-05	0.0000e+00
1756	0.0000e+00	0.0000e+00	3.7978e-03	-4.6919e-06	2.4989e-05	0.0000e+00
1757	0.0000e+00	0.0000e+00	3.6621e-03	-2.0951e-06	2.5965e-05	0.0000e+00
1758	0.0000e+00	0.0000e+00	3.6313e-03	5.7215e-07	2.7862e-05	0.0000e+00
1759	0.0000e+00	0.0000e+00	3.7027e-03	3.0521e-06	3.0589e-05	0.0000e+00
1760	0.0000e+00	0.0000e+00	3.8506e-03	4.4542e-06	3.3048e-05	0.0000e+00
1761	0.0000e+00	0.0000e+00	3.7488e-03	-7.4777e-06	3.2279e-05	0.0000e+00
1762	0.0000e+00	0.0000e+00	3.4149e-03	-7.8035e-06	2.8723e-05	0.0000e+00
1763	0.0000e+00	0.0000e+00	3.0950e-03	-6.7867e-06	2.5181e-05	0.0000e+00
1764	0.0000e+00	0.0000e+00	2.8310e-03	-5.2399e-06	2.2639e-05	0.0000e+00
1765	0.0000e+00	0.0000e+00	2.6414e-03	-3.3879e-06	2.1199e-05	0.0000e+00
1766	0.0000e+00	0.0000e+00	2.5379e-03	-1.3200e-06	2.0852e-05	0.0000e+00
1767	0.0000e+00	0.0000e+00	2.5286e-03	9.0223e-07	2.1598e-05	0.0000e+00
1768	0.0000e+00	0.0000e+00	2.6173e-03	3.1576e-06	2.3383e-05	0.0000e+00
1769	0.0000e+00	0.0000e+00	2.7935e-03	4.8868e-06	2.5540e-05	0.0000e+00
1770	0.0000e+00	0.0000e+00	2.4662e-03	-5.8767e-06	1.9314e-05	0.0000e+00
1771	0.0000e+00	0.0000e+00	2.1914e-03	-6.6833e-06	1.6744e-05	0.0000e+00
1772	0.0000e+00	0.0000e+00	1.9004e-03	-6.5783e-06	1.4136e-05	0.0000e+00
1773	0.0000e+00	0.0000e+00	1.6234e-03	-6.0326e-06	1.2007e-05	0.0000e+00
1774	0.0000e+00	0.0000e+00	1.3764e-03	-5.2045e-06	1.0401e-05	0.0000e+00
1775	0.0000e+00	0.0000e+00	1.1705e-03	-4.1634e-06	9.2976e-06	0.0000e+00
1776	0.0000e+00	0.0000e+00	1.0142e-03	-2.9447e-06	8.6788e-06	0.0000e+00
1777	0.0000e+00	0.0000e+00	9.1459e-04	-1.5836e-06	8.5180e-06	0.0000e+00
1778	0.0000e+00	0.0000e+00	8.7416e-04	-2.5860e-07	8.5937e-06	0.0000e+00
1779	0.0000e+00	0.0000e+00	-3.4012e-03	8.4360e-06	2.4185e-05	0.0000e+00
1780	0.0000e+00	0.0000e+00	-3.0192e-03	8.9806e-06	2.0839e-05	0.0000e+00
1781	0.0000e+00	0.0000e+00	-2.6338e-03	8.5721e-06	1.7674e-05	0.0000e+00
1782	0.0000e+00	0.0000e+00	-2.2763e-03	7.7024e-06	1.5140e-05	0.0000e+00
1783	0.0000e+00	0.0000e+00	-1.9630e-03	6.5517e-06	1.3224e-05	0.0000e+00
1784	0.0000e+00	0.0000e+00	-1.7043e-03	5.2164e-06	1.1880e-05	0.0000e+00
1785	0.0000e+00	0.0000e+00	-1.5070e-03	3.7600e-06	1.1083e-05	0.0000e+00
1786	0.0000e+00	0.0000e+00	-1.3749e-03	2.2436e-06	1.0814e-05	0.0000e+00
1787	0.0000e+00	0.0000e+00	-1.3065e-03	8.8492e-07	1.0864e-05	0.0000e+00
1788	0.0000e+00	0.0000e+00	1.3066e-03	8.8492e-07	-1.0864e-05	0.0000e+00
1789	0.0000e+00	0.0000e+00	1.3750e-03	2.2436e-06	-1.0814e-05	0.0000e+00
1790	0.0000e+00	0.0000e+00	1.5071e-03	3.7601e-06	-1.1083e-05	0.0000e+00
1791	0.0000e+00	0.0000e+00	1.7045e-03	5.2166e-06	-1.1881e-05	0.0000e+00
1792	0.0000e+00	0.0000e+00	1.9632e-03	6.5519e-06	-1.3225e-05	0.0000e+00
1793	0.0000e+00	0.0000e+00	2.2764e-03	7.7028e-06	-1.5140e-05	0.0000e+00
1794	0.0000e+00	0.0000e+00	2.6340e-03	8.5724e-06	-1.7675e-05	0.0000e+00
1795	0.0000e+00	0.0000e+00	3.0194e-03	8.9809e-06	-2.0840e-05	0.0000e+00
1796	0.0000e+00	0.0000e+00	3.4014e-03	8.4362e-06	-2.4186e-05	0.0000e+00
1797	0.0000e+00	0.0000e+00	-8.7402e-04	-2.5906e-07	-8.5933e-06	0.0000e+00
1798	0.0000e+00	0.0000e+00	-9.1447e-04	-1.5842e-06	-8.5177e-06	0.0000e+00
1799	0.0000e+00	0.0000e+00	-1.0142e-03	-2.9453e-06	-8.6786e-06	0.0000e+00
1800	0.0000e+00	0.0000e+00	-1.1705e-03	-4.1641e-06	-9.2975e-06	0.0000e+00
1801	0.0000e+00	0.0000e+00	-1.3764e-03	-5.2053e-06	-1.0401e-05	0.0000e+00
1802	0.0000e+00	0.0000e+00	-1.6234e-03	-6.0335e-06	-1.2007e-05	0.0000e+00
1803	0.0000e+00	0.0000e+00	-1.9005e-03	-6.5793e-06	-1.4137e-05	0.0000e+00
1804	0.0000e+00	0.0000e+00	-2.1915e-03	-6.6844e-06	-1.6744e-05	0.0000e+00
1805	0.0000e+00	0.0000e+00	-2.4663e-03	-5.8780e-06	-1.9315e-05	0.0000e+00
1806	0.0000e+00	0.0000e+00	-2.7942e-03	4.8858e-06	-2.5543e-05	0.0000e+00
1807	0.0000e+00	0.0000e+00	-2.6181e-03	3.1568e-06	-2.3386e-05	0.0000e+00
1808	0.0000e+00	0.0000e+00	-2.5294e-03	9.0140e-07	-2.1601e-05	0.0000e+00
1809	0.0000e+00	0.0000e+00	-2.5388e-03	-1.3210e-06	-2.0855e-05	0.0000e+00
1810	0.0000e+00	0.0000e+00	-2.6423e-03	-3.3890e-06	-2.1202e-05	0.0000e+00
1811	0.0000e+00	0.0000e+00	-2.8319e-03	-5.2411e-06	-2.2642e-05	0.0000e+00
1812	0.0000e+00	0.0000e+00	-3.0960e-03	-6.7876e-06	-2.5184e-05	0.0000e+00
1813	0.0000e+00	0.0000e+00	-3.4159e-03	-7.8037e-06	-2.8725e-05	0.0000e+00
1814	0.0000e+00	0.0000e+00	-3.7498e-03	-7.4766e-06	-3.2280e-05	0.0000e+00
1815	0.0000e+00	0.0000e+00	-3.8513e-03	4.4590e-06	-3.3048e-05	0.0000e+00
1816	0.0000e+00	0.0000e+00	-3.7033e-03	3.0588e-06	-3.0589e-05	0.0000e+00
1817	0.0000e+00	0.0000e+00	-3.6316e-03	5.8040e-07	-2.7861e-05	0.0000e+00
1818	0.0000e+00	0.0000e+00	-3.6620e-03	-2.0854e-06	-2.5963e-05	0.0000e+00
1819	0.0000e+00	0.0000e+00	-3.7973e-03	-4.6809e-06	-2.4986e-05	0.0000e+00
1820	0.0000e+00	0.0000e+00	-4.0315e-03	-7.0361e-06	-2.4858e-05	0.0000e+00
1821	0.0000e+00	0.0000e+00	-4.3508e-03	-8.9494e-06	-2.5460e-05	0.0000e+00

1822	0.0000e+00	0.0000e+00	-4.7311e-03	-1.0108e-05	-2.6567e-05	0.0000e+00
1823	0.0000e+00	0.0000e+00	-5.1285e-03	-9.8875e-06	-2.7474e-05	0.0000e+00
1824	0.0000e+00	0.0000e+00	4.0888e-03	-5.9735e-06	-3.2199e-05	0.0000e+00
1825	0.0000e+00	0.0000e+00	3.8669e-03	-4.1162e-06	-2.9500e-05	0.0000e+00
1826	0.0000e+00	0.0000e+00	3.7434e-03	-1.5227e-06	-2.7423e-05	0.0000e+00
1827	0.0000e+00	0.0000e+00	3.7360e-03	1.1758e-06	-2.6576e-05	0.0000e+00
1828	0.0000e+00	0.0000e+00	3.8455e-03	3.8037e-06	-2.6964e-05	0.0000e+00
1829	0.0000e+00	0.0000e+00	4.0662e-03	6.2423e-06	-2.8583e-05	0.0000e+00
1830	0.0000e+00	0.0000e+00	4.3866e-03	8.3484e-06	-3.1479e-05	0.0000e+00
1831	0.0000e+00	0.0000e+00	4.7859e-03	9.8537e-06	-3.5638e-05	0.0000e+00
1832	0.0000e+00	0.0000e+00	5.2187e-03	9.8846e-06	-4.0156e-05	0.0000e+00
1833	0.0000e+00	0.0000e+00	5.4123e-03	-4.8913e-06	-4.1454e-05	0.0000e+00
1834	0.0000e+00	0.0000e+00	5.2483e-03	-3.3476e-06	-3.8462e-05	0.0000e+00
1835	0.0000e+00	0.0000e+00	5.1733e-03	-4.4347e-07	-3.5461e-05	0.0000e+00
1836	0.0000e+00	0.0000e+00	5.2204e-03	2.7912e-06	-3.3542e-05	0.0000e+00
1837	0.0000e+00	0.0000e+00	5.3973e-03	6.0524e-06	-3.2714e-05	0.0000e+00
1838	0.0000e+00	0.0000e+00	5.7005e-03	9.1186e-06	-3.2872e-05	0.0000e+00
1839	0.0000e+00	0.0000e+00	6.1173e-03	1.1736e-05	-3.3901e-05	0.0000e+00
1840	0.0000e+00	0.0000e+00	6.6227e-03	1.3556e-05	-3.5663e-05	0.0000e+00
1841	0.0000e+00	0.0000e+00	7.1715e-03	1.3909e-05	-3.7633e-05	0.0000e+00
1842	0.0000e+00	0.0000e+00	-4.2303e-03	3.7197e-06	3.2167e-05	0.0000e+00
1843	0.0000e+00	0.0000e+00	-4.0763e-03	4.0424e-06	3.0157e-05	0.0000e+00
1844	0.0000e+00	0.0000e+00	-3.9304e-03	3.2925e-06	2.8229e-05	0.0000e+00
1845	0.0000e+00	0.0000e+00	-3.8215e-03	2.1563e-06	2.7201e-05	0.0000e+00
1846	0.0000e+00	0.0000e+00	-3.7599e-03	9.0867e-07	2.7101e-05	0.0000e+00
1847	0.0000e+00	0.0000e+00	-3.7388e-03	1.4077e-07	2.7296e-05	0.0000e+00
1848	0.0000e+00	0.0000e+00	2.9427e-03	-2.4710e-06	2.5557e-05	0.0000e+00
1849	0.0000e+00	0.0000e+00	2.8386e-03	-2.8566e-06	2.4165e-05	0.0000e+00
1850	0.0000e+00	0.0000e+00	2.7373e-03	-2.2540e-06	2.2645e-05	0.0000e+00
1851	0.0000e+00	0.0000e+00	2.6672e-03	-1.2550e-06	2.1805e-05	0.0000e+00
1852	0.0000e+00	0.0000e+00	2.6393e-03	-1.1322e-07	2.1682e-05	0.0000e+00
1853	0.0000e+00	0.0000e+00	2.6491e-03	6.7287e-07	2.1651e-05	0.0000e+00
1854	0.0000e+00	0.0000e+00	3.7390e-03	1.4039e-07	-2.7296e-05	0.0000e+00
1855	0.0000e+00	0.0000e+00	3.7601e-03	9.0799e-07	-2.7101e-05	0.0000e+00
1856	0.0000e+00	0.0000e+00	3.8217e-03	2.1553e-06	-2.7201e-05	0.0000e+00
1857	0.0000e+00	0.0000e+00	3.9305e-03	3.2911e-06	-2.8229e-05	0.0000e+00
1858	0.0000e+00	0.0000e+00	4.0764e-03	4.0405e-06	-3.0157e-05	0.0000e+00
1859	0.0000e+00	0.0000e+00	4.2302e-03	3.7172e-06	-3.2166e-05	0.0000e+00
1860	0.0000e+00	0.0000e+00	-2.6494e-03	6.7125e-07	-2.1652e-05	0.0000e+00
1861	0.0000e+00	0.0000e+00	-2.6396e-03	-1.1500e-07	-2.1683e-05	0.0000e+00
1862	0.0000e+00	0.0000e+00	-2.6676e-03	-1.2570e-06	-2.1807e-05	0.0000e+00
1863	0.0000e+00	0.0000e+00	-2.7378e-03	-2.2560e-06	-2.2647e-05	0.0000e+00
1864	0.0000e+00	0.0000e+00	-2.8392e-03	-2.8585e-06	-2.4167e-05	0.0000e+00
1865	0.0000e+00	0.0000e+00	-2.9434e-03	-2.4726e-06	-2.5559e-05	0.0000e+00
1866	0.0000e+00	0.0000e+00	7.9382e-04	-2.6307e-06	7.2024e-06	0.0000e+00
1867	0.0000e+00	0.0000e+00	6.6511e-04	-3.2928e-06	5.9036e-06	0.0000e+00
1868	0.0000e+00	0.0000e+00	5.1744e-04	-3.4754e-06	4.5366e-06	0.0000e+00
1869	0.0000e+00	0.0000e+00	3.6837e-04	-3.3491e-06	3.3266e-06	0.0000e+00
1870	0.0000e+00	0.0000e+00	2.3062e-04	-2.9558e-06	2.2973e-06	0.0000e+00
1871	0.0000e+00	0.0000e+00	1.1601e-04	-2.2920e-06	1.4439e-06	0.0000e+00
1872	0.0000e+00	0.0000e+00	3.6640e-05	-1.3582e-06	7.5749e-07	0.0000e+00
1873	0.0000e+00	0.0000e+00	-3.6434e-05	-1.3584e-06	-7.5677e-07	0.0000e+00
1874	0.0000e+00	0.0000e+00	-1.1581e-04	-2.2921e-06	-1.4432e-06	0.0000e+00
1875	0.0000e+00	0.0000e+00	-2.3043e-04	-2.9560e-06	-2.2966e-06	0.0000e+00
1876	0.0000e+00	0.0000e+00	-3.6819e-04	-3.3493e-06	-3.3259e-06	0.0000e+00
1877	0.0000e+00	0.0000e+00	-5.1726e-04	-3.4756e-06	-4.5360e-06	0.0000e+00
1878	0.0000e+00	0.0000e+00	-6.6494e-04	-3.2930e-06	-5.9030e-06	0.0000e+00
1879	0.0000e+00	0.0000e+00	-7.9365e-04	-2.6309e-06	-7.2019e-06	0.0000e+00
1880	0.0000e+00	0.0000e+00	-1.1339e-03	3.9318e-06	8.9731e-06	0.0000e+00
1881	0.0000e+00	0.0000e+00	-9.5040e-04	4.4921e-06	7.3162e-06	0.0000e+00
1882	0.0000e+00	0.0000e+00	-7.5215e-04	4.5898e-06	5.6579e-06	0.0000e+00
1883	0.0000e+00	0.0000e+00	-5.5573e-04	4.4015e-06	4.2054e-06	0.0000e+00
1884	0.0000e+00	0.0000e+00	-3.7268e-04	3.9757e-06	2.9592e-06	0.0000e+00
1885	0.0000e+00	0.0000e+00	-2.1339e-04	3.3165e-06	1.9018e-06	0.0000e+00
1886	0.0000e+00	0.0000e+00	-8.8050e-05	2.4418e-06	1.0180e-06	0.0000e+00
1887	0.0000e+00	0.0000e+00	8.8193e-05	2.4417e-06	-1.0186e-06	0.0000e+00
1888	0.0000e+00	0.0000e+00	2.1353e-04	3.3164e-06	-1.9024e-06	0.0000e+00
1889	0.0000e+00	0.0000e+00	3.7282e-04	3.9756e-06	-2.9599e-06	0.0000e+00
1890	0.0000e+00	0.0000e+00	5.5586e-04	4.4015e-06	-4.2060e-06	0.0000e+00
1891	0.0000e+00	0.0000e+00	7.5229e-04	4.5898e-06	-5.6586e-06	0.0000e+00
1892	0.0000e+00	0.0000e+00	9.5054e-04	4.4922e-06	-7.3168e-06	0.0000e+00
1893	0.0000e+00	0.0000e+00	1.1340e-03	3.9319e-06	-8.9738e-06	0.0000e+00

2124 -2.0409e-07 -2.1320e-03 0.0000e+00 0.0000e+00 0.0000e+00 1.1737e-04

SPOSTAMENTI NODALI "Torcente di piano SLD" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	1.8819e-03	-2.4533e-06	1.5506e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	1.0533e-03	7.4999e-08	2.0033e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	7.7608e-04	1.0552e-06	1.5163e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	7.4557e-04	-1.3544e-08	1.2005e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	2.1578e-04	2.4464e-07	4.7426e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	4.0247e-08	3.1972e-07	1.6812e-10	0.0000e+00
7	0.0000e+00	0.0000e+00	-2.1572e-04	2.4452e-07	-4.7424e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	-7.4564e-04	-1.4085e-08	-1.2005e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	-7.7635e-04	1.0547e-06	-1.5164e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	-1.0537e-03	7.6061e-08	-2.0033e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-1.8806e-03	-2.4474e-06	-1.5502e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	3.4312e-04	-8.7873e-07	8.2133e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	3.3035e-04	-4.7630e-07	1.6945e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	2.7290e-04	-3.9823e-07	1.2040e-05	0.0000e+00
15	0.0000e+00	0.0000e+00	1.9228e-04	-7.6830e-07	9.1105e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	8.7437e-05	-5.4244e-07	3.8170e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-2.3690e-09	-6.1323e-07	-3.6562e-11	0.0000e+00
18	0.0000e+00	0.0000e+00	-8.7440e-05	-5.4244e-07	-3.8170e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-1.9226e-04	-7.6822e-07	-9.1106e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-2.7287e-04	-3.9825e-07	-1.2040e-05	0.0000e+00
21	0.0000e+00	0.0000e+00	-3.3049e-04	-4.7659e-07	-1.6944e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	-3.4242e-04	-8.7380e-07	-8.2167e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	-2.6621e-03	3.7550e-06	1.9860e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-1.5879e-03	3.1535e-07	2.3933e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	-1.2363e-03	-9.7698e-07	1.8305e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-1.1063e-03	6.8915e-07	1.4458e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	-3.5259e-04	1.5358e-07	5.7120e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	2.6201e-08	1.2970e-07	-1.5833e-10	0.0000e+00
29	0.0000e+00	0.0000e+00	3.5264e-04	1.5360e-07	-5.7123e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	1.1063e-03	6.8915e-07	-1.4458e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	1.2363e-03	-9.7825e-07	-1.8304e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	1.5870e-03	3.1719e-07	-2.3931e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	2.6647e-03	3.7663e-06	-1.9866e-05	0.0000e+00
67	0.0000e+00	0.0000e+00	2.4842e-03	-2.9470e-06	1.1999e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	1.7901e-03	-2.8728e-07	1.4504e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	1.3440e-03	8.6083e-07	1.1283e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	1.1984e-03	-7.4334e-07	8.9985e-06	0.0000e+00
71	0.0000e+00	0.0000e+00	3.9237e-04	-2.4545e-07	3.5023e-06	0.0000e+00
72	0.0000e+00	0.0000e+00	4.7680e-08	-2.0828e-07	1.6402e-10	0.0000e+00
73	0.0000e+00	0.0000e+00	-3.9230e-04	-2.4559e-07	-3.5022e-06	0.0000e+00
74	0.0000e+00	0.0000e+00	-1.1985e-03	-7.4395e-07	-8.9989e-06	0.0000e+00
75	0.0000e+00	0.0000e+00	-1.3443e-03	8.6025e-07	-1.1284e-05	0.0000e+00
76	0.0000e+00	0.0000e+00	-1.7905e-03	-2.8599e-07	-1.4505e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	-2.4828e-03	-2.9408e-06	-1.1997e-05	0.0000e+00
78	0.0000e+00	0.0000e+00	-3.4855e-03	4.5881e-06	1.7850e-05	0.0000e+00
79	0.0000e+00	0.0000e+00	-2.5001e-03	8.0538e-07	1.9179e-05	0.0000e+00
80	0.0000e+00	0.0000e+00	-1.9466e-03	-7.8074e-07	1.5035e-05	0.0000e+00
81	0.0000e+00	0.0000e+00	-1.6723e-03	1.6630e-06	1.2020e-05	0.0000e+00
82	0.0000e+00	0.0000e+00	-5.7258e-04	7.8686e-07	4.6312e-06	0.0000e+00
83	0.0000e+00	0.0000e+00	3.2953e-08	8.1274e-07	-1.4810e-10	0.0000e+00
84	0.0000e+00	0.0000e+00	5.7265e-04	7.8688e-07	-4.6315e-06	0.0000e+00
85	0.0000e+00	0.0000e+00	1.6724e-03	1.6630e-06	-1.2020e-05	0.0000e+00
86	0.0000e+00	0.0000e+00	1.9466e-03	-7.8226e-07	-1.5034e-05	0.0000e+00
87	0.0000e+00	0.0000e+00	2.4992e-03	8.0760e-07	-1.9178e-05	0.0000e+00
88	0.0000e+00	0.0000e+00	3.4884e-03	4.5999e-06	-1.7855e-05	0.0000e+00
89	0.0000e+00	0.0000e+00	1.9826e-03	-2.0473e-06	1.3735e-05	0.0000e+00
90	0.0000e+00	0.0000e+00	3.7338e-04	-6.1621e-07	7.1092e-06	0.0000e+00
91	0.0000e+00	0.0000e+00	-2.8128e-03	3.1099e-06	1.8619e-05	0.0000e+00
92	0.0000e+00	0.0000e+00	2.5921e-03	-1.7991e-06	1.3126e-05	0.0000e+00
93	0.0000e+00	0.0000e+00	-3.6505e-03	2.9211e-06	1.8342e-05	0.0000e+00
94	0.0000e+00	0.0000e+00	3.6539e-03	2.9319e-06	-1.8347e-05	0.0000e+00
95	0.0000e+00	0.0000e+00	-1.9811e-03	-2.0419e-06	-1.3732e-05	0.0000e+00
96	0.0000e+00	0.0000e+00	-3.7246e-04	-6.1118e-07	-7.1133e-06	0.0000e+00
97	0.0000e+00	0.0000e+00	2.8159e-03	3.1203e-06	-1.8625e-05	0.0000e+00
98	0.0000e+00	0.0000e+00	-2.5905e-03	-1.7934e-06	-1.3123e-05	0.0000e+00
99	0.0000e+00	0.0000e+00	1.3243e-03	-2.4634e-06	1.0912e-05	0.0000e+00
100	0.0000e+00	0.0000e+00	1.2253e-03	-2.5329e-06	1.0459e-05	0.0000e+00



101	0.0000e+00	0.0000e+00	1.7544e-03	-3.3295e-06	1.3496e-05	0.0000e+00
102	0.0000e+00	0.0000e+00	1.1158e-03	-2.8779e-06	1.0013e-05	0.0000e+00
103	0.0000e+00	0.0000e+00	1.6072e-03	-3.5865e-06	1.2315e-05	0.0000e+00
104	0.0000e+00	0.0000e+00	9.9836e-04	-2.9416e-06	9.4887e-06	0.0000e+00
105	0.0000e+00	0.0000e+00	1.4611e-03	-3.4179e-06	1.1563e-05	0.0000e+00
106	0.0000e+00	0.0000e+00	8.8409e-04	-2.7554e-06	9.1043e-06	0.0000e+00
107	0.0000e+00	0.0000e+00	1.3297e-03	-2.9691e-06	1.1182e-05	0.0000e+00
108	0.0000e+00	0.0000e+00	7.8050e-04	-2.4383e-06	8.9142e-06	0.0000e+00
109	0.0000e+00	0.0000e+00	1.2213e-03	-2.3585e-06	1.1166e-05	0.0000e+00
110	0.0000e+00	0.0000e+00	6.9066e-04	-2.0974e-06	8.9421e-06	0.0000e+00
111	0.0000e+00	0.0000e+00	1.1404e-03	-1.6856e-06	1.1546e-05	0.0000e+00
112	0.0000e+00	0.0000e+00	6.1382e-04	-1.8227e-06	9.1838e-06	0.0000e+00
113	0.0000e+00	0.0000e+00	1.0874e-03	-1.0363e-06	1.2391e-05	0.0000e+00
114	0.0000e+00	0.0000e+00	5.4624e-04	-1.6753e-06	9.5677e-06	0.0000e+00
115	0.0000e+00	0.0000e+00	1.0598e-03	-4.8669e-07	1.3823e-05	0.0000e+00
116	0.0000e+00	0.0000e+00	4.8474e-04	-1.5281e-06	9.7601e-06	0.0000e+00
117	0.0000e+00	0.0000e+00	1.0520e-03	-1.0677e-07	1.6066e-05	0.0000e+00
118	0.0000e+00	0.0000e+00	4.5121e-04	-1.7959e-07	9.6969e-06	0.0000e+00
119	0.0000e+00	0.0000e+00	9.4404e-04	-2.4308e-06	7.1016e-06	0.0000e+00
120	0.0000e+00	0.0000e+00	8.4725e-04	-2.4158e-06	6.8754e-06	0.0000e+00
121	0.0000e+00	0.0000e+00	7.4821e-04	-2.5090e-06	6.8403e-06	0.0000e+00
122	0.0000e+00	0.0000e+00	6.4647e-04	-2.5338e-06	6.6111e-06	0.0000e+00
123	0.0000e+00	0.0000e+00	5.4664e-04	-2.4299e-06	6.3322e-06	0.0000e+00
124	0.0000e+00	0.0000e+00	4.5317e-04	-2.2422e-06	6.0652e-06	0.0000e+00
125	0.0000e+00	0.0000e+00	3.6810e-04	-2.0352e-06	5.8348e-06	0.0000e+00
126	0.0000e+00	0.0000e+00	2.9134e-04	-1.8434e-06	5.6246e-06	0.0000e+00
127	0.0000e+00	0.0000e+00	2.2288e-04	-1.6123e-06	5.3750e-06	0.0000e+00
128	0.0000e+00	0.0000e+00	1.6752e-04	-1.1231e-06	5.0136e-06	0.0000e+00
129	0.0000e+00	0.0000e+00	1.4016e-04	-2.1948e-07	4.8136e-06	0.0000e+00
130	0.0000e+00	0.0000e+00	7.1498e-04	-2.4539e-06	3.9867e-06	0.0000e+00
131	0.0000e+00	0.0000e+00	6.1572e-04	-2.4931e-06	3.7709e-06	0.0000e+00
132	0.0000e+00	0.0000e+00	5.1673e-04	-2.4416e-06	3.8582e-06	0.0000e+00
133	0.0000e+00	0.0000e+00	4.2094e-04	-2.3275e-06	3.7848e-06	0.0000e+00
134	0.0000e+00	0.0000e+00	3.3119e-04	-2.1446e-06	3.5930e-06	0.0000e+00
135	0.0000e+00	0.0000e+00	2.4992e-04	-1.9176e-06	3.3030e-06	0.0000e+00
136	0.0000e+00	0.0000e+00	1.7816e-04	-1.6815e-06	2.9363e-06	0.0000e+00
137	0.0000e+00	0.0000e+00	1.1594e-04	-1.4449e-06	2.5057e-06	0.0000e+00
138	0.0000e+00	0.0000e+00	6.3904e-05	-1.1595e-06	2.0366e-06	0.0000e+00
139	0.0000e+00	0.0000e+00	2.5502e-05	-7.4292e-07	1.6180e-06	0.0000e+00
140	0.0000e+00	0.0000e+00	6.3059e-06	-2.1376e-07	1.4316e-06	0.0000e+00
141	0.0000e+00	0.0000e+00	6.0668e-04	-2.4915e-06	1.6151e-06	0.0000e+00
142	0.0000e+00	0.0000e+00	5.0433e-04	-2.5954e-06	1.3692e-06	0.0000e+00
143	0.0000e+00	0.0000e+00	4.0249e-04	-2.4733e-06	1.4896e-06	0.0000e+00
144	0.0000e+00	0.0000e+00	3.0824e-04	-2.2217e-06	1.4781e-06	0.0000e+00
145	0.0000e+00	0.0000e+00	2.2573e-04	-1.8937e-06	1.3343e-06	0.0000e+00
146	0.0000e+00	0.0000e+00	1.5710e-04	-1.5371e-06	1.0438e-06	0.0000e+00
147	0.0000e+00	0.0000e+00	1.0263e-04	-1.1946e-06	6.2220e-07	0.0000e+00
148	0.0000e+00	0.0000e+00	6.1154e-05	-8.9218e-07	1.0668e-07	0.0000e+00
149	0.0000e+00	0.0000e+00	3.0921e-05	-6.2976e-07	-4.2660e-07	0.0000e+00
150	0.0000e+00	0.0000e+00	1.0574e-05	-3.9281e-07	-8.5079e-07	0.0000e+00
151	0.0000e+00	0.0000e+00	-9.2532e-07	-1.8930e-07	-1.0280e-06	0.0000e+00
152	0.0000e+00	0.0000e+00	5.8538e-04	-2.5136e-06	5.6607e-08	0.0000e+00
153	0.0000e+00	0.0000e+00	4.8031e-04	-2.6982e-06	-2.3578e-07	0.0000e+00
154	0.0000e+00	0.0000e+00	3.7486e-04	-2.5382e-06	-1.0364e-07	0.0000e+00
155	0.0000e+00	0.0000e+00	2.8046e-04	-2.1601e-06	-9.3212e-08	0.0000e+00
156	0.0000e+00	0.0000e+00	2.0375e-04	-1.6656e-06	-2.1589e-07	0.0000e+00
157	0.0000e+00	0.0000e+00	1.4765e-04	-1.1397e-06	-5.0152e-07	0.0000e+00
158	0.0000e+00	0.0000e+00	1.1198e-04	-6.5471e-07	-9.4278e-07	0.0000e+00
159	0.0000e+00	0.0000e+00	9.3788e-05	-2.7701e-07	-1.5005e-06	0.0000e+00
160	0.0000e+00	0.0000e+00	8.7608e-05	-6.3276e-08	-2.0848e-06	0.0000e+00
161	0.0000e+00	0.0000e+00	8.6195e-05	-3.9164e-08	-2.5478e-06	0.0000e+00
162	0.0000e+00	0.0000e+00	8.2393e-05	-1.6855e-07	-2.7359e-06	0.0000e+00
163	0.0000e+00	0.0000e+00	6.1407e-04	-2.4901e-06	-6.0879e-07	0.0000e+00
164	0.0000e+00	0.0000e+00	5.0731e-04	-2.7928e-06	-9.7250e-07	0.0000e+00
165	0.0000e+00	0.0000e+00	3.9830e-04	-2.6087e-06	-8.4669e-07	0.0000e+00
166	0.0000e+00	0.0000e+00	3.0344e-04	-2.1086e-06	-8.4679e-07	0.0000e+00
167	0.0000e+00	0.0000e+00	2.3216e-04	-1.4464e-06	-9.7367e-07	0.0000e+00
168	0.0000e+00	0.0000e+00	1.8840e-04	-7.4197e-07	-1.2540e-06	0.0000e+00
169	0.0000e+00	0.0000e+00	1.7190e-04	-9.3154e-08	-1.6904e-06	0.0000e+00
170	0.0000e+00	0.0000e+00	1.7844e-04	3.9161e-07	-2.2696e-06	0.0000e+00
171	0.0000e+00	0.0000e+00	1.9896e-04	5.8038e-07	-2.9256e-06	0.0000e+00
172	0.0000e+00	0.0000e+00	2.1941e-04	3.7393e-07	-3.4904e-06	0.0000e+00

173	0.0000e+00	0.0000e+00	2.2440e-04	-1.5945e-07	-3.7249e-06	0.0000e+00
174	0.0000e+00	0.0000e+00	6.5210e-04	-2.3804e-06	-2.8598e-07	0.0000e+00
175	0.0000e+00	0.0000e+00	5.4590e-04	-2.8536e-06	-7.6916e-07	0.0000e+00
176	0.0000e+00	0.0000e+00	4.3488e-04	-2.6401e-06	-7.0208e-07	0.0000e+00
177	0.0000e+00	0.0000e+00	3.4129e-04	-2.0202e-06	-7.8175e-07	0.0000e+00
178	0.0000e+00	0.0000e+00	2.7648e-04	-1.2174e-06	-9.5788e-07	0.0000e+00
179	0.0000e+00	0.0000e+00	2.4477e-04	-3.6698e-07	-1.2288e-06	0.0000e+00
180	0.0000e+00	0.0000e+00	2.4621e-04	4.4044e-07	-1.6038e-06	0.0000e+00
181	0.0000e+00	0.0000e+00	2.7702e-04	1.0859e-06	-2.1211e-06	0.0000e+00
182	0.0000e+00	0.0000e+00	3.2687e-04	1.3469e-06	-2.8093e-06	0.0000e+00
183	0.0000e+00	0.0000e+00	3.7488e-04	9.3297e-07	-3.5443e-06	0.0000e+00
184	0.0000e+00	0.0000e+00	3.9173e-04	-1.6413e-07	-3.8892e-06	0.0000e+00
185	0.0000e+00	0.0000e+00	6.5433e-04	-2.1243e-06	1.1473e-06	0.0000e+00
186	0.0000e+00	0.0000e+00	5.5346e-04	-2.8092e-06	4.4864e-07	0.0000e+00
187	0.0000e+00	0.0000e+00	4.4606e-04	-2.5143e-06	3.1277e-07	0.0000e+00
188	0.0000e+00	0.0000e+00	3.6002e-04	-1.7971e-06	3.2241e-09	0.0000e+00
189	0.0000e+00	0.0000e+00	3.0540e-04	-9.4585e-07	-3.0042e-07	0.0000e+00
190	0.0000e+00	0.0000e+00	2.8517e-04	-6.2588e-08	-5.5613e-07	0.0000e+00
191	0.0000e+00	0.0000e+00	2.9977e-04	8.1429e-07	-7.6537e-07	0.0000e+00
192	0.0000e+00	0.0000e+00	3.4793e-04	1.6276e-06	-9.9951e-07	0.0000e+00
193	0.0000e+00	0.0000e+00	4.2362e-04	2.1632e-06	-1.4221e-06	0.0000e+00
194	0.0000e+00	0.0000e+00	5.0602e-04	1.7756e-06	-2.2940e-06	0.0000e+00
195	0.0000e+00	0.0000e+00	5.4121e-04	-1.9020e-07	-2.8618e-06	0.0000e+00
196	0.0000e+00	0.0000e+00	5.7003e-04	-1.6391e-06	3.8663e-06	0.0000e+00
197	0.0000e+00	0.0000e+00	4.8504e-04	-2.4499e-06	2.6967e-06	0.0000e+00
198	0.0000e+00	0.0000e+00	3.9754e-04	-1.9628e-06	1.9798e-06	0.0000e+00
199	0.0000e+00	0.0000e+00	3.3334e-04	-1.2902e-06	1.2391e-06	0.0000e+00
200	0.0000e+00	0.0000e+00	2.9626e-04	-5.8633e-07	7.3142e-07	0.0000e+00
201	0.0000e+00	0.0000e+00	2.8692e-04	1.1879e-07	4.8412e-07	0.0000e+00
202	0.0000e+00	0.0000e+00	3.0541e-04	8.3241e-07	5.1893e-07	0.0000e+00
203	0.0000e+00	0.0000e+00	3.5232e-04	1.5840e-06	8.3804e-07	0.0000e+00
204	0.0000e+00	0.0000e+00	4.2908e-04	2.4028e-06	1.3766e-06	0.0000e+00
205	0.0000e+00	0.0000e+00	5.3588e-04	3.1081e-06	1.3554e-06	0.0000e+00
206	0.0000e+00	0.0000e+00	5.9657e-04	-2.3898e-07	6.9484e-07	0.0000e+00
207	0.0000e+00	0.0000e+00	3.0670e-04	-9.0330e-07	5.1273e-06	0.0000e+00
208	0.0000e+00	0.0000e+00	2.7417e-04	-7.2317e-07	3.5985e-06	0.0000e+00
209	0.0000e+00	0.0000e+00	2.5105e-04	-4.3722e-07	2.4769e-06	0.0000e+00
210	0.0000e+00	0.0000e+00	2.4018e-04	-1.1485e-07	1.8008e-06	0.0000e+00
211	0.0000e+00	0.0000e+00	2.4200e-04	1.9578e-07	1.5273e-06	0.0000e+00
212	0.0000e+00	0.0000e+00	2.5526e-04	4.5580e-07	1.6954e-06	0.0000e+00
213	0.0000e+00	0.0000e+00	2.7715e-04	6.2684e-07	2.4346e-06	0.0000e+00
214	0.0000e+00	0.0000e+00	3.0315e-04	6.5930e-07	4.1073e-06	0.0000e+00
215	0.0000e+00	0.0000e+00	3.2604e-04	4.6443e-07	7.1062e-06	0.0000e+00
216	0.0000e+00	0.0000e+00	4.6669e-04	7.1030e-07	9.8311e-06	0.0000e+00
217	0.0000e+00	0.0000e+00	1.0259e-03	-9.0376e-07	1.5578e-05	0.0000e+00
218	0.0000e+00	0.0000e+00	4.8105e-04	6.0689e-08	9.1858e-06	0.0000e+00
219	0.0000e+00	0.0000e+00	9.6757e-04	-1.3888e-06	1.2942e-05	0.0000e+00
220	0.0000e+00	0.0000e+00	4.7059e-04	-4.3397e-07	8.2955e-06	0.0000e+00
221	0.0000e+00	0.0000e+00	8.9804e-04	-1.5149e-06	1.1157e-05	0.0000e+00
222	0.0000e+00	0.0000e+00	4.4481e-04	-6.7660e-07	7.5640e-06	0.0000e+00
223	0.0000e+00	0.0000e+00	8.3030e-04	-1.3856e-06	9.9888e-06	0.0000e+00
224	0.0000e+00	0.0000e+00	4.1314e-04	-7.3457e-07	7.0778e-06	0.0000e+00
225	0.0000e+00	0.0000e+00	7.7349e-04	-1.0817e-06	9.3356e-06	0.0000e+00
226	0.0000e+00	0.0000e+00	3.8191e-04	-6.8463e-07	6.8565e-06	0.0000e+00
227	0.0000e+00	0.0000e+00	7.3362e-04	-6.6910e-07	9.1647e-06	0.0000e+00
228	0.0000e+00	0.0000e+00	3.5434e-04	-5.9733e-07	6.8952e-06	0.0000e+00
229	0.0000e+00	0.0000e+00	7.1408e-04	-2.0441e-07	9.4913e-06	0.0000e+00
230	0.0000e+00	0.0000e+00	3.3094e-04	-5.2805e-07	7.1499e-06	0.0000e+00
231	0.0000e+00	0.0000e+00	7.1600e-04	2.6244e-07	1.0390e-05	0.0000e+00
232	0.0000e+00	0.0000e+00	3.1168e-04	-4.3028e-07	7.3918e-06	0.0000e+00
233	0.0000e+00	0.0000e+00	7.3833e-04	6.8695e-07	1.2045e-05	0.0000e+00
234	0.0000e+00	0.0000e+00	3.1519e-04	6.0292e-07	7.4718e-06	0.0000e+00
235	0.0000e+00	0.0000e+00	1.4837e-04	5.0511e-07	5.0184e-06	0.0000e+00
236	0.0000e+00	0.0000e+00	1.7015e-04	4.3801e-07	5.1716e-06	0.0000e+00
237	0.0000e+00	0.0000e+00	1.8058e-04	8.1112e-08	5.0154e-06	0.0000e+00
238	0.0000e+00	0.0000e+00	1.7611e-04	-2.3165e-07	4.7458e-06	0.0000e+00
239	0.0000e+00	0.0000e+00	1.6079e-04	-4.2946e-07	4.4779e-06	0.0000e+00
240	0.0000e+00	0.0000e+00	1.3933e-04	-5.3388e-07	4.2586e-06	0.0000e+00
241	0.0000e+00	0.0000e+00	1.1506e-04	-5.7486e-07	4.0893e-06	0.0000e+00
242	0.0000e+00	0.0000e+00	9.0915e-05	-5.3038e-07	3.9311e-06	0.0000e+00
243	0.0000e+00	0.0000e+00	7.2974e-05	-2.5001e-07	3.7150e-06	0.0000e+00
244	0.0000e+00	0.0000e+00	7.6073e-05	4.0638e-07	3.6631e-06	0.0000e+00

245	0.0000e+00	0.0000e+00	7.3331e-06	2.1880e-07	1.5872e-06	0.0000e+00
246	0.0000e+00	0.0000e+00	1.9083e-05	2.8027e-07	1.8922e-06	0.0000e+00
247	0.0000e+00	0.0000e+00	2.7534e-05	1.1080e-07	2.0946e-06	0.0000e+00
248	0.0000e+00	0.0000e+00	2.7309e-05	-9.4194e-08	2.1420e-06	0.0000e+00
249	0.0000e+00	0.0000e+00	1.9353e-05	-2.4343e-07	2.0618e-06	0.0000e+00
250	0.0000e+00	0.0000e+00	6.5688e-06	-3.2472e-07	1.8850e-06	0.0000e+00
251	0.0000e+00	0.0000e+00	-8.2166e-06	-3.4229e-07	1.6336e-06	0.0000e+00
252	0.0000e+00	0.0000e+00	-2.1853e-05	-2.6892e-07	1.3331e-06	0.0000e+00
253	0.0000e+00	0.0000e+00	-2.9164e-05	-4.4183e-08	1.0585e-06	0.0000e+00
254	0.0000e+00	0.0000e+00	-2.3307e-05	3.1115e-07	9.7696e-07	0.0000e+00
255	0.0000e+00	0.0000e+00	-6.1029e-06	-6.0402e-08	-8.8049e-07	0.0000e+00
256	0.0000e+00	0.0000e+00	-8.5510e-06	-5.7406e-08	-5.1216e-07	0.0000e+00
257	0.0000e+00	0.0000e+00	-1.2627e-05	-1.1777e-07	-1.4200e-07	0.0000e+00
258	0.0000e+00	0.0000e+00	-1.9243e-05	-1.6419e-07	9.2438e-08	0.0000e+00
259	0.0000e+00	0.0000e+00	-2.6784e-05	-1.6203e-07	1.4488e-07	0.0000e+00
260	0.0000e+00	0.0000e+00	-3.3103e-05	-1.1611e-07	2.1605e-08	0.0000e+00
261	0.0000e+00	0.0000e+00	-3.6671e-05	-4.3589e-08	-2.4195e-07	0.0000e+00
262	0.0000e+00	0.0000e+00	-3.6577e-05	4.8327e-08	-5.7620e-07	0.0000e+00
263	0.0000e+00	0.0000e+00	-3.1949e-05	1.6251e-07	-8.6403e-07	0.0000e+00
264	0.0000e+00	0.0000e+00	-2.2096e-05	2.7997e-07	-9.6891e-07	0.0000e+00
265	0.0000e+00	0.0000e+00	7.0324e-05	-3.7330e-07	-2.5532e-06	0.0000e+00
266	0.0000e+00	0.0000e+00	5.0493e-05	-5.0198e-07	-2.0959e-06	0.0000e+00
267	0.0000e+00	0.0000e+00	2.7965e-05	-4.9390e-07	-1.6061e-06	0.0000e+00
268	0.0000e+00	0.0000e+00	8.6367e-06	-3.6382e-07	-1.2584e-06	0.0000e+00
269	0.0000e+00	0.0000e+00	-3.0987e-06	-1.5798e-07	-1.1247e-06	0.0000e+00
270	0.0000e+00	0.0000e+00	-5.0464e-06	7.1936e-08	-1.2083e-06	0.0000e+00
271	0.0000e+00	0.0000e+00	2.6949e-06	2.7258e-07	-1.4717e-06	0.0000e+00
272	0.0000e+00	0.0000e+00	1.7642e-05	3.8987e-07	-1.8334e-06	0.0000e+00
273	0.0000e+00	0.0000e+00	3.5183e-05	3.8676e-07	-2.1564e-06	0.0000e+00
274	0.0000e+00	0.0000e+00	5.0072e-05	2.7844e-07	-2.2857e-06	0.0000e+00
275	0.0000e+00	0.0000e+00	2.0295e-04	-7.8199e-07	-3.4596e-06	0.0000e+00
276	0.0000e+00	0.0000e+00	1.6081e-04	-1.0660e-06	-2.8574e-06	0.0000e+00
277	0.0000e+00	0.0000e+00	1.1500e-04	-9.6871e-07	-2.2652e-06	0.0000e+00
278	0.0000e+00	0.0000e+00	7.9330e-05	-6.3203e-07	-1.8674e-06	0.0000e+00
279	0.0000e+00	0.0000e+00	6.0999e-05	-1.9595e-07	-1.7066e-06	0.0000e+00
280	0.0000e+00	0.0000e+00	6.2154e-05	2.4528e-07	-1.7707e-06	0.0000e+00
281	0.0000e+00	0.0000e+00	8.1244e-05	6.0741e-07	-2.0336e-06	0.0000e+00
282	0.0000e+00	0.0000e+00	1.1256e-04	7.8083e-07	-2.4371e-06	0.0000e+00
283	0.0000e+00	0.0000e+00	1.4533e-04	6.6015e-07	-2.8372e-06	0.0000e+00
284	0.0000e+00	0.0000e+00	1.6645e-04	2.7643e-07	-3.0008e-06	0.0000e+00
285	0.0000e+00	0.0000e+00	3.5610e-04	-1.3714e-06	-3.4694e-06	0.0000e+00
286	0.0000e+00	0.0000e+00	2.8455e-04	-1.7562e-06	-2.6774e-06	0.0000e+00
287	0.0000e+00	0.0000e+00	2.1257e-04	-1.4684e-06	-2.0774e-06	0.0000e+00
288	0.0000e+00	0.0000e+00	1.6067e-04	-8.8895e-07	-1.7537e-06	0.0000e+00
289	0.0000e+00	0.0000e+00	1.3605e-04	-2.3693e-07	-1.6401e-06	0.0000e+00
290	0.0000e+00	0.0000e+00	1.3970e-04	3.9871e-07	-1.6910e-06	0.0000e+00
291	0.0000e+00	0.0000e+00	1.6944e-04	9.4407e-07	-1.9074e-06	0.0000e+00
292	0.0000e+00	0.0000e+00	2.1839e-04	1.2420e-06	-2.3123e-06	0.0000e+00
293	0.0000e+00	0.0000e+00	2.7040e-04	1.0332e-06	-2.8271e-06	0.0000e+00
294	0.0000e+00	0.0000e+00	2.9964e-04	2.4444e-07	-3.0552e-06	0.0000e+00
295	0.0000e+00	0.0000e+00	4.8298e-04	-2.2571e-06	-2.1667e-06	0.0000e+00
296	0.0000e+00	0.0000e+00	3.7578e-04	-2.4309e-06	-1.2990e-06	0.0000e+00
297	0.0000e+00	0.0000e+00	2.8359e-04	-1.7838e-06	-1.0591e-06	0.0000e+00
298	0.0000e+00	0.0000e+00	2.2319e-04	-1.0017e-06	-1.0392e-06	0.0000e+00
299	0.0000e+00	0.0000e+00	1.9631e-04	-2.4232e-07	-1.0651e-06	0.0000e+00
300	0.0000e+00	0.0000e+00	2.0157e-04	4.8224e-07	-1.0830e-06	0.0000e+00
301	0.0000e+00	0.0000e+00	2.3744e-04	1.1654e-06	-1.1194e-06	0.0000e+00
302	0.0000e+00	0.0000e+00	3.0017e-04	1.6922e-06	-1.2893e-06	0.0000e+00
303	0.0000e+00	0.0000e+00	3.7527e-04	1.5847e-06	-1.8559e-06	0.0000e+00
304	0.0000e+00	0.0000e+00	4.1629e-04	1.5513e-07	-2.2168e-06	0.0000e+00
305	0.0000e+00	0.0000e+00	5.0553e-04	-3.4640e-06	1.5767e-06	0.0000e+00
306	0.0000e+00	0.0000e+00	3.8100e-04	-2.4171e-06	1.2263e-06	0.0000e+00
307	0.0000e+00	0.0000e+00	2.9693e-04	-1.5396e-06	4.6845e-07	0.0000e+00
308	0.0000e+00	0.0000e+00	2.4639e-04	-8.1983e-07	-2.5012e-08	0.0000e+00
309	0.0000e+00	0.0000e+00	2.2475e-04	-1.8732e-07	-2.4185e-07	0.0000e+00
310	0.0000e+00	0.0000e+00	2.2959e-04	4.1126e-07	-2.0089e-07	0.0000e+00
311	0.0000e+00	0.0000e+00	2.6032e-04	1.0203e-06	8.8745e-08	0.0000e+00
312	0.0000e+00	0.0000e+00	3.1787e-04	1.6816e-06	6.0124e-07	0.0000e+00
313	0.0000e+00	0.0000e+00	4.0384e-04	2.3643e-06	8.4899e-07	0.0000e+00
314	0.0000e+00	0.0000e+00	4.6098e-04	-2.4868e-08	4.2494e-07	0.0000e+00
315	0.0000e+00	0.0000e+00	3.0465e-04	-6.8636e-07	6.5540e-06	0.0000e+00
316	0.0000e+00	0.0000e+00	2.7408e-04	-6.9600e-07	3.3792e-06	0.0000e+00

317	0.0000e+00	0.0000e+00	2.4632e-04	-5.5931e-07	1.6901e-06	0.0000e+00
318	0.0000e+00	0.0000e+00	2.2652e-04	-3.3767e-07	8.5449e-07	0.0000e+00
319	0.0000e+00	0.0000e+00	2.1734e-04	-8.0122e-08	5.2603e-07	0.0000e+00
320	0.0000e+00	0.0000e+00	2.1939e-04	1.6948e-07	6.0412e-07	0.0000e+00
321	0.0000e+00	0.0000e+00	2.3136e-04	3.6806e-07	1.1228e-06	0.0000e+00
322	0.0000e+00	0.0000e+00	2.4990e-04	4.6466e-07	2.3084e-06	0.0000e+00
323	0.0000e+00	0.0000e+00	2.6861e-04	3.6583e-07	4.5974e-06	0.0000e+00
324	0.0000e+00	0.0000e+00	3.6701e-04	-3.8934e-09	6.4094e-06	0.0000e+00
325	0.0000e+00	0.0000e+00	3.7217e-04	1.3918e-07	6.2693e-06	0.0000e+00
326	0.0000e+00	0.0000e+00	7.1575e-04	-9.7104e-07	9.3289e-06	0.0000e+00
327	0.0000e+00	0.0000e+00	3.6330e-04	-4.6740e-07	5.6422e-06	0.0000e+00
328	0.0000e+00	0.0000e+00	6.5464e-04	-1.5195e-06	7.6018e-06	0.0000e+00
329	0.0000e+00	0.0000e+00	3.3190e-04	-8.9433e-07	4.8646e-06	0.0000e+00
330	0.0000e+00	0.0000e+00	5.7760e-04	-1.7736e-06	6.3135e-06	0.0000e+00
331	0.0000e+00	0.0000e+00	2.8693e-04	-1.1073e-06	4.1562e-06	0.0000e+00
332	0.0000e+00	0.0000e+00	4.9537e-04	-1.8121e-06	5.3332e-06	0.0000e+00
333	0.0000e+00	0.0000e+00	2.3659e-04	-1.1551e-06	3.5631e-06	0.0000e+00
334	0.0000e+00	0.0000e+00	4.1584e-04	-1.6929e-06	4.6014e-06	0.0000e+00
335	0.0000e+00	0.0000e+00	1.8705e-04	-1.0844e-06	3.0948e-06	0.0000e+00
336	0.0000e+00	0.0000e+00	3.4476e-04	-1.4583e-06	4.0918e-06	0.0000e+00
337	0.0000e+00	0.0000e+00	1.4268e-04	-9.3124e-07	2.7500e-06	0.0000e+00
338	0.0000e+00	0.0000e+00	2.8637e-04	-1.1377e-06	3.7996e-06	0.0000e+00
339	0.0000e+00	0.0000e+00	1.0661e-04	-7.1995e-07	2.5169e-06	0.0000e+00
340	0.0000e+00	0.0000e+00	2.4383e-04	-7.4893e-07	3.7433e-06	0.0000e+00
341	0.0000e+00	0.0000e+00	8.1465e-05	-4.4390e-07	2.3376e-06	0.0000e+00
342	0.0000e+00	0.0000e+00	2.1975e-04	-2.9718e-07	3.9809e-06	0.0000e+00
343	0.0000e+00	0.0000e+00	7.4186e-05	8.5073e-08	2.2369e-06	0.0000e+00
344	0.0000e+00	0.0000e+00	1.5420e-04	1.0208e-07	3.4724e-06	0.0000e+00
345	0.0000e+00	0.0000e+00	1.6228e-04	2.3203e-07	3.4847e-06	0.0000e+00
346	0.0000e+00	0.0000e+00	1.6711e-04	-1.6939e-08	3.3990e-06	0.0000e+00
347	0.0000e+00	0.0000e+00	1.5814e-04	-3.4745e-07	3.1037e-06	0.0000e+00
348	0.0000e+00	0.0000e+00	1.3665e-04	-5.8352e-07	2.7247e-06	0.0000e+00
349	0.0000e+00	0.0000e+00	1.0771e-04	-6.9637e-07	2.3366e-06	0.0000e+00
350	0.0000e+00	0.0000e+00	7.6373e-05	-7.0382e-07	1.9746e-06	0.0000e+00
351	0.0000e+00	0.0000e+00	4.6745e-05	-6.2748e-07	1.6532e-06	0.0000e+00
352	0.0000e+00	0.0000e+00	2.2262e-05	-4.7316e-07	1.3756e-06	0.0000e+00
353	0.0000e+00	0.0000e+00	6.5415e-06	-2.2247e-07	1.1445e-06	0.0000e+00
354	0.0000e+00	0.0000e+00	3.7950e-06	9.4262e-08	1.0472e-06	0.0000e+00
355	0.0000e+00	0.0000e+00	5.1491e-05	1.1368e-07	1.3028e-06	0.0000e+00
356	0.0000e+00	0.0000e+00	5.7661e-05	1.5708e-07	1.3944e-06	0.0000e+00
357	0.0000e+00	0.0000e+00	6.2053e-05	3.8114e-08	1.4945e-06	0.0000e+00
358	0.0000e+00	0.0000e+00	5.9059e-05	-1.5555e-07	1.4880e-06	0.0000e+00
359	0.0000e+00	0.0000e+00	4.8014e-05	-3.1765e-07	1.3711e-06	0.0000e+00
360	0.0000e+00	0.0000e+00	3.1557e-05	-4.0341e-07	1.1788e-06	0.0000e+00
361	0.0000e+00	0.0000e+00	1.3163e-05	-4.1178e-07	9.4514e-07	0.0000e+00
362	0.0000e+00	0.0000e+00	-4.0277e-06	-3.5401e-07	6.9800e-07	0.0000e+00
363	0.0000e+00	0.0000e+00	-1.7315e-05	-2.3694e-07	4.6589e-07	0.0000e+00
364	0.0000e+00	0.0000e+00	-2.4258e-05	-6.8502e-08	2.9046e-07	0.0000e+00
365	0.0000e+00	0.0000e+00	-2.3399e-05	1.0462e-07	2.2525e-07	0.0000e+00
366	0.0000e+00	0.0000e+00	3.1173e-05	3.7928e-08	-3.1469e-07	0.0000e+00
367	0.0000e+00	0.0000e+00	3.1866e-05	-5.2132e-09	-1.4851e-07	0.0000e+00
368	0.0000e+00	0.0000e+00	2.9592e-05	-9.2718e-08	6.2970e-08	0.0000e+00
369	0.0000e+00	0.0000e+00	2.3077e-05	-1.8850e-07	2.2411e-07	0.0000e+00
370	0.0000e+00	0.0000e+00	1.3000e-05	-2.4973e-07	2.8561e-07	0.0000e+00
371	0.0000e+00	0.0000e+00	1.4062e-06	-2.5856e-07	2.4552e-07	0.0000e+00
372	0.0000e+00	0.0000e+00	-9.4386e-06	-2.1977e-07	1.2629e-07	0.0000e+00
373	0.0000e+00	0.0000e+00	-1.7747e-05	-1.4767e-07	-3.9071e-08	0.0000e+00
374	0.0000e+00	0.0000e+00	-2.2406e-05	-5.7605e-08	-2.0860e-07	0.0000e+00
375	0.0000e+00	0.0000e+00	-2.2998e-05	3.3419e-08	-3.3132e-07	0.0000e+00
376	0.0000e+00	0.0000e+00	-2.0011e-05	1.0004e-07	-3.6358e-07	0.0000e+00
377	0.0000e+00	0.0000e+00	7.0262e-05	-1.0317e-07	-1.4255e-06	0.0000e+00
378	0.0000e+00	0.0000e+00	6.2442e-05	-2.4553e-07	-1.1984e-06	0.0000e+00
379	0.0000e+00	0.0000e+00	4.9127e-05	-3.4283e-07	-8.9507e-07	0.0000e+00
380	0.0000e+00	0.0000e+00	3.3151e-05	-3.6485e-07	-6.2130e-07	0.0000e+00
381	0.0000e+00	0.0000e+00	1.7787e-05	-3.1816e-07	-4.4674e-07	0.0000e+00
382	0.0000e+00	0.0000e+00	5.5877e-06	-2.2538e-07	-3.8775e-07	0.0000e+00
383	0.0000e+00	0.0000e+00	-1.9760e-06	-1.1181e-07	-4.2749e-07	0.0000e+00
384	0.0000e+00	0.0000e+00	-4.5458e-06	-3.1076e-09	-5.3355e-07	0.0000e+00
385	0.0000e+00	0.0000e+00	-2.9114e-06	7.4413e-08	-6.6175e-07	0.0000e+00
386	0.0000e+00	0.0000e+00	1.0506e-06	9.9697e-08	-7.5622e-07	0.0000e+00
387	0.0000e+00	0.0000e+00	4.8927e-06	7.0808e-08	-7.6523e-07	0.0000e+00
388	0.0000e+00	0.0000e+00	1.4677e-04	-2.7135e-07	-2.0339e-06	0.0000e+00

389	0.0000e+00	0.0000e+00	1.2813e-04	-5.6097e-07	-1.7604e-06	0.0000e+00
390	0.0000e+00	0.0000e+00	9.9961e-05	-6.8658e-07	-1.3697e-06	0.0000e+00
391	0.0000e+00	0.0000e+00	7.0498e-05	-6.2944e-07	-1.0233e-06	0.0000e+00
392	0.0000e+00	0.0000e+00	4.6254e-05	-4.6273e-07	-7.9825e-07	0.0000e+00
393	0.0000e+00	0.0000e+00	3.0374e-05	-2.5657e-07	-6.9824e-07	0.0000e+00
394	0.0000e+00	0.0000e+00	2.3536e-05	-5.5347e-08	-7.0002e-07	0.0000e+00
395	0.0000e+00	0.0000e+00	2.4780e-05	1.0635e-07	-7.7613e-07	0.0000e+00
396	0.0000e+00	0.0000e+00	3.1541e-05	1.8845e-07	-8.9196e-07	0.0000e+00
397	0.0000e+00	0.0000e+00	3.9472e-05	1.5493e-07	-9.8993e-07	0.0000e+00
398	0.0000e+00	0.0000e+00	4.3468e-05	1.8129e-08	-9.9228e-07	0.0000e+00
399	0.0000e+00	0.0000e+00	2.3791e-04	-4.2523e-07	-2.0965e-06	0.0000e+00
400	0.0000e+00	0.0000e+00	2.0659e-04	-9.6175e-07	-1.7739e-06	0.0000e+00
401	0.0000e+00	0.0000e+00	1.6002e-04	-1.0971e-06	-1.3021e-06	0.0000e+00
402	0.0000e+00	0.0000e+00	1.1534e-04	-9.1505e-07	-9.5982e-07	0.0000e+00
403	0.0000e+00	0.0000e+00	8.1816e-05	-6.1305e-07	-7.7574e-07	0.0000e+00
404	0.0000e+00	0.0000e+00	6.1886e-05	-3.0113e-07	-7.0212e-07	0.0000e+00
405	0.0000e+00	0.0000e+00	5.4956e-05	-2.0526e-08	-7.0207e-07	0.0000e+00
406	0.0000e+00	0.0000e+00	5.9101e-05	2.0131e-07	-7.6067e-07	0.0000e+00
407	0.0000e+00	0.0000e+00	7.0777e-05	3.1213e-07	-8.7372e-07	0.0000e+00
408	0.0000e+00	0.0000e+00	8.3431e-05	2.3088e-07	-1.0053e-06	0.0000e+00
409	0.0000e+00	0.0000e+00	8.7706e-05	-5.4168e-08	-1.0238e-06	0.0000e+00
410	0.0000e+00	0.0000e+00	3.1677e-04	-5.3598e-07	-1.4557e-06	0.0000e+00
411	0.0000e+00	0.0000e+00	2.7029e-04	-1.4812e-06	-1.0424e-06	0.0000e+00
412	0.0000e+00	0.0000e+00	2.0336e-04	-1.4757e-06	-5.7101e-07	0.0000e+00
413	0.0000e+00	0.0000e+00	1.4739e-04	-1.0898e-06	-4.4367e-07	0.0000e+00
414	0.0000e+00	0.0000e+00	1.0917e-04	-6.7598e-07	-4.3880e-07	0.0000e+00
415	0.0000e+00	0.0000e+00	8.7876e-05	-3.1042e-07	-4.6165e-07	0.0000e+00
416	0.0000e+00	0.0000e+00	8.1306e-05	3.3840e-09	-4.8004e-07	0.0000e+00
417	0.0000e+00	0.0000e+00	8.7260e-05	2.6580e-07	-4.9766e-07	0.0000e+00
418	0.0000e+00	0.0000e+00	1.0287e-04	4.3863e-07	-5.4939e-07	0.0000e+00
419	0.0000e+00	0.0000e+00	1.2172e-04	3.6678e-07	-7.1226e-07	0.0000e+00
420	0.0000e+00	0.0000e+00	1.2744e-04	-1.4648e-07	-7.7570e-07	0.0000e+00
421	0.0000e+00	0.0000e+00	3.4113e-04	-5.9572e-07	5.3423e-07	0.0000e+00
422	0.0000e+00	0.0000e+00	2.7650e-04	-2.1124e-06	9.9341e-07	0.0000e+00
423	0.0000e+00	0.0000e+00	2.0080e-04	-1.4565e-06	7.7637e-07	0.0000e+00
424	0.0000e+00	0.0000e+00	1.4967e-04	-9.4638e-07	3.5220e-07	0.0000e+00
425	0.0000e+00	0.0000e+00	1.1741e-04	-5.5941e-07	6.2814e-08	0.0000e+00
426	0.0000e+00	0.0000e+00	9.9988e-05	-2.5214e-07	-9.2615e-08	0.0000e+00
427	0.0000e+00	0.0000e+00	9.4699e-05	4.7468e-09	-1.3166e-07	0.0000e+00
428	0.0000e+00	0.0000e+00	9.9775e-05	2.3076e-07	-6.7709e-08	0.0000e+00
429	0.0000e+00	0.0000e+00	1.1402e-04	4.3817e-07	8.1472e-08	0.0000e+00
430	0.0000e+00	0.0000e+00	1.3614e-04	6.0245e-07	1.4918e-07	0.0000e+00
431	0.0000e+00	0.0000e+00	1.4519e-04	-2.6656e-07	4.0777e-08	0.0000e+00
432	0.0000e+00	0.0000e+00	1.6325e-04	-6.1390e-07	3.6322e-06	0.0000e+00
433	0.0000e+00	0.0000e+00	1.3842e-04	-5.1944e-07	1.9295e-06	0.0000e+00
434	0.0000e+00	0.0000e+00	1.1835e-04	-3.9564e-07	1.0027e-06	0.0000e+00
435	0.0000e+00	0.0000e+00	1.0403e-04	-2.5923e-07	5.1294e-07	0.0000e+00
436	0.0000e+00	0.0000e+00	9.5608e-05	-1.2871e-07	2.7118e-07	0.0000e+00
437	0.0000e+00	0.0000e+00	9.2459e-05	-2.0712e-08	2.1227e-07	0.0000e+00
438	0.0000e+00	0.0000e+00	9.3231e-05	4.8787e-08	3.3041e-07	0.0000e+00
439	0.0000e+00	0.0000e+00	9.5793e-05	5.9555e-08	6.8890e-07	0.0000e+00
440	0.0000e+00	0.0000e+00	9.6652e-05	-3.4790e-08	1.4244e-06	0.0000e+00
441	0.0000e+00	0.0000e+00	-7.4135e-05	8.4991e-08	-2.2366e-06	0.0000e+00
442	0.0000e+00	0.0000e+00	-8.1419e-05	-4.4404e-07	-2.3373e-06	0.0000e+00
443	0.0000e+00	0.0000e+00	-2.1970e-04	-2.9736e-07	-3.9808e-06	0.0000e+00
444	0.0000e+00	0.0000e+00	-1.0657e-04	-7.2012e-07	-2.5167e-06	0.0000e+00
445	0.0000e+00	0.0000e+00	-2.4378e-04	-7.4915e-07	-3.7431e-06	0.0000e+00
446	0.0000e+00	0.0000e+00	-1.4265e-04	-9.3143e-07	-2.7498e-06	0.0000e+00
447	0.0000e+00	0.0000e+00	-2.8633e-04	-1.1380e-06	-3.7995e-06	0.0000e+00
448	0.0000e+00	0.0000e+00	-1.8702e-04	-1.0846e-06	-3.0947e-06	0.0000e+00
449	0.0000e+00	0.0000e+00	-3.4474e-04	-1.4586e-06	-4.0917e-06	0.0000e+00
450	0.0000e+00	0.0000e+00	-2.3658e-04	-1.1554e-06	-3.5631e-06	0.0000e+00
451	0.0000e+00	0.0000e+00	-4.1583e-04	-1.6932e-06	-4.6014e-06	0.0000e+00
452	0.0000e+00	0.0000e+00	-2.8693e-04	-1.1075e-06	-4.1563e-06	0.0000e+00
453	0.0000e+00	0.0000e+00	-4.9537e-04	-1.8124e-06	-5.3333e-06	0.0000e+00
454	0.0000e+00	0.0000e+00	-3.3191e-04	-8.9462e-07	-4.8647e-06	0.0000e+00
455	0.0000e+00	0.0000e+00	-5.7762e-04	-1.7739e-06	-6.3137e-06	0.0000e+00
456	0.0000e+00	0.0000e+00	-3.6332e-04	-4.6772e-07	-5.6424e-06	0.0000e+00
457	0.0000e+00	0.0000e+00	-6.5467e-04	-1.5200e-06	-7.6021e-06	0.0000e+00
458	0.0000e+00	0.0000e+00	-3.7221e-04	1.3880e-07	-6.2697e-06	0.0000e+00
459	0.0000e+00	0.0000e+00	-7.1580e-04	-9.7152e-07	-9.3292e-06	0.0000e+00
460	0.0000e+00	0.0000e+00	-3.6707e-04	-4.3238e-09	-6.4098e-06	0.0000e+00

461	0.0000e+00	0.0000e+00	-3.7572e-06	9.4208e-08	-1.0469e-06	0.0000e+00
462	0.0000e+00	0.0000e+00	-6.5070e-06	-2.2256e-07	-1.1442e-06	0.0000e+00
463	0.0000e+00	0.0000e+00	-2.2232e-05	-4.7328e-07	-1.3754e-06	0.0000e+00
464	0.0000e+00	0.0000e+00	-4.6721e-05	-6.2762e-07	-1.6531e-06	0.0000e+00
465	0.0000e+00	0.0000e+00	-7.6355e-05	-7.0397e-07	-1.9745e-06	0.0000e+00
466	0.0000e+00	0.0000e+00	-1.0770e-04	-6.9654e-07	-2.3365e-06	0.0000e+00
467	0.0000e+00	0.0000e+00	-1.3664e-04	-5.8370e-07	-2.7247e-06	0.0000e+00
468	0.0000e+00	0.0000e+00	-1.5814e-04	-3.4765e-07	-3.1038e-06	0.0000e+00
469	0.0000e+00	0.0000e+00	-1.6713e-04	-1.7174e-08	-3.3992e-06	0.0000e+00
470	0.0000e+00	0.0000e+00	-1.6230e-04	2.3176e-07	-3.4849e-06	0.0000e+00
471	0.0000e+00	0.0000e+00	-1.5424e-04	1.0176e-07	-3.4728e-06	0.0000e+00
472	0.0000e+00	0.0000e+00	2.3425e-05	1.0459e-07	-2.2500e-07	0.0000e+00
473	0.0000e+00	0.0000e+00	2.4282e-05	-6.8556e-08	-2.9023e-07	0.0000e+00
474	0.0000e+00	0.0000e+00	1.7336e-05	-2.3701e-07	-4.6570e-07	0.0000e+00
475	0.0000e+00	0.0000e+00	4.0454e-06	-3.5410e-07	-6.9786e-07	0.0000e+00
476	0.0000e+00	0.0000e+00	-1.3149e-05	-4.1187e-07	-9.4504e-07	0.0000e+00
477	0.0000e+00	0.0000e+00	-3.1548e-05	-4.0352e-07	-1.1788e-06	0.0000e+00
478	0.0000e+00	0.0000e+00	-4.8010e-05	-3.1777e-07	-1.3711e-06	0.0000e+00
479	0.0000e+00	0.0000e+00	-5.9060e-05	-1.5569e-07	-1.4881e-06	0.0000e+00
480	0.0000e+00	0.0000e+00	-6.2061e-05	3.7959e-08	-1.4947e-06	0.0000e+00
481	0.0000e+00	0.0000e+00	-5.7676e-05	1.5690e-07	-1.3946e-06	0.0000e+00
482	0.0000e+00	0.0000e+00	-5.1515e-05	1.1347e-07	-1.3031e-06	0.0000e+00
483	0.0000e+00	0.0000e+00	2.0027e-05	1.0003e-07	3.6379e-07	0.0000e+00
484	0.0000e+00	0.0000e+00	2.3013e-05	3.3392e-08	3.3150e-07	0.0000e+00
485	0.0000e+00	0.0000e+00	2.2420e-05	-5.7643e-08	2.0876e-07	0.0000e+00
486	0.0000e+00	0.0000e+00	1.7759e-05	-1.4772e-07	3.9200e-08	0.0000e+00
487	0.0000e+00	0.0000e+00	9.4481e-06	-2.1983e-07	-1.2620e-07	0.0000e+00
488	0.0000e+00	0.0000e+00	-1.3993e-06	-2.5861e-07	-2.4546e-07	0.0000e+00
489	0.0000e+00	0.0000e+00	-1.2996e-05	-2.4980e-07	-2.8560e-07	0.0000e+00
490	0.0000e+00	0.0000e+00	-2.3076e-05	-1.8857e-07	-2.2414e-07	0.0000e+00
491	0.0000e+00	0.0000e+00	-2.9594e-05	-9.2807e-08	-6.3062e-08	0.0000e+00
492	0.0000e+00	0.0000e+00	-3.1873e-05	-5.3197e-09	1.4836e-07	0.0000e+00
493	0.0000e+00	0.0000e+00	-3.1185e-05	3.7801e-08	3.1446e-07	0.0000e+00
494	0.0000e+00	0.0000e+00	-4.8847e-06	7.0805e-08	7.6539e-07	0.0000e+00
495	0.0000e+00	0.0000e+00	-1.0428e-06	9.9688e-08	7.5637e-07	0.0000e+00
496	0.0000e+00	0.0000e+00	2.9186e-06	7.4399e-08	6.6188e-07	0.0000e+00
497	0.0000e+00	0.0000e+00	4.5523e-06	-3.1259e-09	5.3366e-07	0.0000e+00
498	0.0000e+00	0.0000e+00	1.9816e-06	-1.1183e-07	4.2757e-07	0.0000e+00
499	0.0000e+00	0.0000e+00	-5.5831e-06	-2.2541e-07	3.8780e-07	0.0000e+00
500	0.0000e+00	0.0000e+00	-1.7784e-05	-3.1819e-07	4.4676e-07	0.0000e+00
501	0.0000e+00	0.0000e+00	-3.3148e-05	-3.6488e-07	6.2129e-07	0.0000e+00
502	0.0000e+00	0.0000e+00	-4.9126e-05	-3.4287e-07	8.9502e-07	0.0000e+00
503	0.0000e+00	0.0000e+00	-6.2443e-05	-2.4558e-07	1.1983e-06	0.0000e+00
504	0.0000e+00	0.0000e+00	-7.0265e-05	-1.0323e-07	1.4253e-06	0.0000e+00
505	0.0000e+00	0.0000e+00	-4.3466e-05	1.8134e-08	9.9239e-07	0.0000e+00
506	0.0000e+00	0.0000e+00	-3.9470e-05	1.5493e-07	9.9004e-07	0.0000e+00
507	0.0000e+00	0.0000e+00	-3.1538e-05	1.8845e-07	8.9205e-07	0.0000e+00
508	0.0000e+00	0.0000e+00	-2.4777e-05	1.0635e-07	7.7621e-07	0.0000e+00
509	0.0000e+00	0.0000e+00	-2.3534e-05	-5.5346e-08	7.0008e-07	0.0000e+00
510	0.0000e+00	0.0000e+00	-3.0372e-05	-2.5657e-07	6.9828e-07	0.0000e+00
511	0.0000e+00	0.0000e+00	-4.6251e-05	-4.6273e-07	7.9827e-07	0.0000e+00
512	0.0000e+00	0.0000e+00	-7.0495e-05	-6.2944e-07	1.0233e-06	0.0000e+00
513	0.0000e+00	0.0000e+00	-9.9959e-05	-6.8658e-07	1.3696e-06	0.0000e+00
514	0.0000e+00	0.0000e+00	-1.2813e-04	-5.6097e-07	1.7603e-06	0.0000e+00
515	0.0000e+00	0.0000e+00	-1.4677e-04	-2.7136e-07	2.0338e-06	0.0000e+00
516	0.0000e+00	0.0000e+00	-8.7708e-05	-5.4159e-08	1.0238e-06	0.0000e+00
517	0.0000e+00	0.0000e+00	-8.3433e-05	2.3089e-07	1.0053e-06	0.0000e+00
518	0.0000e+00	0.0000e+00	-7.0779e-05	3.1214e-07	8.7379e-07	0.0000e+00
519	0.0000e+00	0.0000e+00	-5.9102e-05	2.0133e-07	7.6072e-07	0.0000e+00
520	0.0000e+00	0.0000e+00	-5.4956e-05	-2.0511e-08	7.0212e-07	0.0000e+00
521	0.0000e+00	0.0000e+00	-6.1885e-05	-3.0111e-07	7.0216e-07	0.0000e+00
522	0.0000e+00	0.0000e+00	-8.1814e-05	-6.1303e-07	7.7576e-07	0.0000e+00
523	0.0000e+00	0.0000e+00	-1.1534e-04	-9.1503e-07	9.5982e-07	0.0000e+00
524	0.0000e+00	0.0000e+00	-1.6001e-04	-1.0970e-06	1.3021e-06	0.0000e+00
525	0.0000e+00	0.0000e+00	-2.0658e-04	-9.6172e-07	1.7739e-06	0.0000e+00
526	0.0000e+00	0.0000e+00	-2.3790e-04	-4.2520e-07	2.0964e-06	0.0000e+00
527	0.0000e+00	0.0000e+00	-1.2745e-04	-1.4647e-07	7.7574e-07	0.0000e+00
528	0.0000e+00	0.0000e+00	-1.2172e-04	3.6679e-07	7.1230e-07	0.0000e+00
529	0.0000e+00	0.0000e+00	-1.0287e-04	4.3865e-07	5.4942e-07	0.0000e+00
530	0.0000e+00	0.0000e+00	-8.7262e-05	2.6582e-07	4.9769e-07	0.0000e+00
531	0.0000e+00	0.0000e+00	-8.1307e-05	3.4072e-09	4.8006e-07	0.0000e+00
532	0.0000e+00	0.0000e+00	-8.7877e-05	-3.1039e-07	4.6167e-07	0.0000e+00

533	0.0000e+00	0.0000e+00	-1.0916e-04	-6.7595e-07	4.3881e-07	0.0000e+00
534	0.0000e+00	0.0000e+00	-1.4739e-04	-1.0898e-06	4.4367e-07	0.0000e+00
535	0.0000e+00	0.0000e+00	-2.0335e-04	-1.4757e-06	5.7098e-07	0.0000e+00
536	0.0000e+00	0.0000e+00	-2.7028e-04	-1.4812e-06	1.0424e-06	0.0000e+00
537	0.0000e+00	0.0000e+00	-3.1677e-04	-5.3593e-07	1.4557e-06	0.0000e+00
538	0.0000e+00	0.0000e+00	-1.4520e-04	-2.6655e-07	-4.0779e-08	0.0000e+00
539	0.0000e+00	0.0000e+00	-1.3615e-04	6.0246e-07	-1.4918e-07	0.0000e+00
540	0.0000e+00	0.0000e+00	-1.1402e-04	4.3819e-07	-8.1473e-08	0.0000e+00
541	0.0000e+00	0.0000e+00	-9.9778e-05	2.3078e-07	6.7709e-08	0.0000e+00
542	0.0000e+00	0.0000e+00	-9.4701e-05	4.7749e-09	1.3166e-07	0.0000e+00
543	0.0000e+00	0.0000e+00	-9.9989e-05	-2.5210e-07	9.2606e-08	0.0000e+00
544	0.0000e+00	0.0000e+00	-1.1741e-04	-5.5937e-07	-6.2831e-08	0.0000e+00
545	0.0000e+00	0.0000e+00	-1.4967e-04	-9.4633e-07	-3.5223e-07	0.0000e+00
546	0.0000e+00	0.0000e+00	-2.0079e-04	-1.4565e-06	-7.7641e-07	0.0000e+00
547	0.0000e+00	0.0000e+00	-2.7650e-04	-2.1123e-06	-9.9347e-07	0.0000e+00
548	0.0000e+00	0.0000e+00	-3.4111e-04	-5.9565e-07	-5.3430e-07	0.0000e+00
549	0.0000e+00	0.0000e+00	-9.6656e-05	-3.4781e-08	-1.4244e-06	0.0000e+00
550	0.0000e+00	0.0000e+00	-9.5796e-05	5.9569e-08	-6.8894e-07	0.0000e+00
551	0.0000e+00	0.0000e+00	-9.3234e-05	4.8809e-08	-3.3044e-07	0.0000e+00
552	0.0000e+00	0.0000e+00	-9.2461e-05	-2.0681e-08	-2.1231e-07	0.0000e+00
553	0.0000e+00	0.0000e+00	-9.5607e-05	-1.2866e-07	-2.7122e-07	0.0000e+00
554	0.0000e+00	0.0000e+00	-1.0402e-04	-2.5918e-07	-5.1299e-07	0.0000e+00
555	0.0000e+00	0.0000e+00	-1.1834e-04	-3.9558e-07	-1.0027e-06	0.0000e+00
556	0.0000e+00	0.0000e+00	-1.3841e-04	-5.1937e-07	-1.9295e-06	0.0000e+00
557	0.0000e+00	0.0000e+00	-1.6324e-04	-6.1382e-07	-3.6323e-06	0.0000e+00
558	0.0000e+00	0.0000e+00	-3.1541e-04	6.0253e-07	-7.4732e-06	0.0000e+00
559	0.0000e+00	0.0000e+00	-3.1191e-04	-4.3050e-07	-7.3933e-06	0.0000e+00
560	0.0000e+00	0.0000e+00	-7.3861e-04	6.8662e-07	-1.2046e-05	0.0000e+00
561	0.0000e+00	0.0000e+00	-3.3117e-04	-5.2827e-07	-7.1514e-06	0.0000e+00
562	0.0000e+00	0.0000e+00	-7.1630e-04	2.6214e-07	-1.0391e-05	0.0000e+00
563	0.0000e+00	0.0000e+00	-3.5458e-04	-5.9762e-07	-6.8968e-06	0.0000e+00
564	0.0000e+00	0.0000e+00	-7.1439e-04	-2.0475e-07	-9.4928e-06	0.0000e+00
565	0.0000e+00	0.0000e+00	-3.8217e-04	-6.8503e-07	-6.8581e-06	0.0000e+00
566	0.0000e+00	0.0000e+00	-7.3394e-04	-6.6953e-07	-9.1662e-06	0.0000e+00
567	0.0000e+00	0.0000e+00	-4.1342e-04	-7.3508e-07	-7.0794e-06	0.0000e+00
568	0.0000e+00	0.0000e+00	-7.7384e-04	-1.0822e-06	-9.3370e-06	0.0000e+00
569	0.0000e+00	0.0000e+00	-4.4512e-04	-6.7718e-07	-7.5656e-06	0.0000e+00
570	0.0000e+00	0.0000e+00	-8.3067e-04	-1.3862e-06	-9.9903e-06	0.0000e+00
571	0.0000e+00	0.0000e+00	-4.7092e-04	-4.3453e-07	-8.2972e-06	0.0000e+00
572	0.0000e+00	0.0000e+00	-8.9843e-04	-1.5154e-06	-1.1159e-05	0.0000e+00
573	0.0000e+00	0.0000e+00	-4.8140e-04	6.0294e-08	-9.1874e-06	0.0000e+00
574	0.0000e+00	0.0000e+00	-9.6798e-04	-1.3890e-06	-1.2943e-05	0.0000e+00
575	0.0000e+00	0.0000e+00	-4.6705e-04	7.1030e-07	-9.8327e-06	0.0000e+00
576	0.0000e+00	0.0000e+00	-1.0263e-03	-9.0350e-07	-1.5579e-05	0.0000e+00
577	0.0000e+00	0.0000e+00	-4.5156e-04	-1.7885e-07	-9.6983e-06	0.0000e+00
578	0.0000e+00	0.0000e+00	-7.6225e-05	4.0609e-07	-3.6644e-06	0.0000e+00
579	0.0000e+00	0.0000e+00	-7.3137e-05	-2.5021e-07	-3.7164e-06	0.0000e+00
580	0.0000e+00	0.0000e+00	-9.1086e-05	-5.3056e-07	-3.9326e-06	0.0000e+00
581	0.0000e+00	0.0000e+00	-1.1524e-04	-5.7511e-07	-4.0908e-06	0.0000e+00
582	0.0000e+00	0.0000e+00	-1.3952e-04	-5.3424e-07	-4.2601e-06	0.0000e+00
583	0.0000e+00	0.0000e+00	-1.6101e-04	-4.2992e-07	-4.4795e-06	0.0000e+00
584	0.0000e+00	0.0000e+00	-1.7634e-04	-2.3219e-07	-4.7474e-06	0.0000e+00
585	0.0000e+00	0.0000e+00	-1.8084e-04	8.0584e-08	-5.0171e-06	0.0000e+00
586	0.0000e+00	0.0000e+00	-1.7043e-04	4.3762e-07	-5.1733e-06	0.0000e+00
587	0.0000e+00	0.0000e+00	-1.4866e-04	5.0505e-07	-5.0200e-06	0.0000e+00
588	0.0000e+00	0.0000e+00	-1.4044e-04	-2.1901e-07	-4.8151e-06	0.0000e+00
589	0.0000e+00	0.0000e+00	2.3208e-05	3.1095e-07	-9.7807e-07	0.0000e+00
590	0.0000e+00	0.0000e+00	2.9057e-05	-4.4335e-08	-1.0597e-06	0.0000e+00
591	0.0000e+00	0.0000e+00	2.1740e-05	-2.6908e-07	-1.3343e-06	0.0000e+00
592	0.0000e+00	0.0000e+00	8.0952e-06	-3.4251e-07	-1.6348e-06	0.0000e+00
593	0.0000e+00	0.0000e+00	-6.7016e-06	-3.2502e-07	-1.8863e-06	0.0000e+00
594	0.0000e+00	0.0000e+00	-1.9502e-05	-2.4383e-07	-2.0631e-06	0.0000e+00
595	0.0000e+00	0.0000e+00	-2.7477e-05	-9.4670e-08	-2.1435e-06	0.0000e+00
596	0.0000e+00	0.0000e+00	-2.7723e-05	1.1031e-07	-2.0960e-06	0.0000e+00
597	0.0000e+00	0.0000e+00	-1.9292e-05	2.7989e-07	-1.8937e-06	0.0000e+00
598	0.0000e+00	0.0000e+00	-7.5542e-06	2.1865e-07	-1.5886e-06	0.0000e+00
599	0.0000e+00	0.0000e+00	-6.5259e-06	-2.1355e-07	-1.4329e-06	0.0000e+00
600	0.0000e+00	0.0000e+00	2.2040e-05	2.7985e-07	9.6804e-07	0.0000e+00
601	0.0000e+00	0.0000e+00	3.1889e-05	1.6241e-07	8.6311e-07	0.0000e+00
602	0.0000e+00	0.0000e+00	3.6511e-05	4.8207e-08	5.7524e-07	0.0000e+00
603	0.0000e+00	0.0000e+00	3.6599e-05	-4.3766e-08	2.4095e-07	0.0000e+00
604	0.0000e+00	0.0000e+00	3.3021e-05	-1.1637e-07	-2.2647e-08	0.0000e+00

605	0.0000e+00	0.0000e+00	2.6689e-05	-1.6238e-07	-1.4596e-07	0.0000e+00
606	0.0000e+00	0.0000e+00	1.9131e-05	-1.6462e-07	-9.3571e-08	0.0000e+00
607	0.0000e+00	0.0000e+00	1.2495e-05	-1.1822e-07	1.4083e-07	0.0000e+00
608	0.0000e+00	0.0000e+00	8.4004e-06	-5.7799e-08	5.1098e-07	0.0000e+00
609	0.0000e+00	0.0000e+00	5.9381e-06	-6.0644e-08	8.7935e-07	0.0000e+00
610	0.0000e+00	0.0000e+00	7.5510e-07	-1.8929e-07	1.0269e-06	0.0000e+00
611	0.0000e+00	0.0000e+00	-5.0095e-05	2.7839e-07	2.2851e-06	0.0000e+00
612	0.0000e+00	0.0000e+00	-3.5209e-05	3.8670e-07	2.1557e-06	0.0000e+00
613	0.0000e+00	0.0000e+00	-1.7671e-05	3.8978e-07	1.8326e-06	0.0000e+00
614	0.0000e+00	0.0000e+00	-2.7290e-06	2.7244e-07	1.4710e-06	0.0000e+00
615	0.0000e+00	0.0000e+00	5.0042e-06	7.1711e-08	1.2075e-06	0.0000e+00
616	0.0000e+00	0.0000e+00	3.0447e-06	-1.5829e-07	1.1239e-06	0.0000e+00
617	0.0000e+00	0.0000e+00	-8.7062e-06	-3.6421e-07	1.2575e-06	0.0000e+00
618	0.0000e+00	0.0000e+00	-2.8053e-05	-4.9433e-07	1.6052e-06	0.0000e+00
619	0.0000e+00	0.0000e+00	-5.0600e-05	-5.0239e-07	2.0950e-06	0.0000e+00
620	0.0000e+00	0.0000e+00	-7.0446e-05	-3.7362e-07	2.5524e-06	0.0000e+00
621	0.0000e+00	0.0000e+00	-8.2526e-05	-1.6870e-07	2.7352e-06	0.0000e+00
622	0.0000e+00	0.0000e+00	-1.6645e-04	2.7643e-07	3.0004e-06	0.0000e+00
623	0.0000e+00	0.0000e+00	-1.4533e-04	6.6012e-07	2.8367e-06	0.0000e+00
624	0.0000e+00	0.0000e+00	-1.1256e-04	7.8077e-07	2.4367e-06	0.0000e+00
625	0.0000e+00	0.0000e+00	-8.1251e-05	6.0728e-07	2.0331e-06	0.0000e+00
626	0.0000e+00	0.0000e+00	-6.2168e-05	2.4508e-07	1.7702e-06	0.0000e+00
627	0.0000e+00	0.0000e+00	-6.1024e-05	-1.9625e-07	1.7060e-06	0.0000e+00
628	0.0000e+00	0.0000e+00	-7.9369e-05	-6.3241e-07	1.8668e-06	0.0000e+00
629	0.0000e+00	0.0000e+00	-1.1505e-04	-9.6914e-07	2.2647e-06	0.0000e+00
630	0.0000e+00	0.0000e+00	-1.6089e-04	-1.0664e-06	2.8569e-06	0.0000e+00
631	0.0000e+00	0.0000e+00	-2.0305e-04	-7.8238e-07	3.4591e-06	0.0000e+00
632	0.0000e+00	0.0000e+00	-2.2451e-04	-1.5972e-07	3.7245e-06	0.0000e+00
633	0.0000e+00	0.0000e+00	-2.9963e-04	2.4446e-07	3.0550e-06	0.0000e+00
634	0.0000e+00	0.0000e+00	-2.7039e-04	1.0332e-06	2.8268e-06	0.0000e+00
635	0.0000e+00	0.0000e+00	-2.1838e-04	1.2419e-06	2.3120e-06	0.0000e+00
636	0.0000e+00	0.0000e+00	-1.6942e-04	9.4395e-07	1.9071e-06	0.0000e+00
637	0.0000e+00	0.0000e+00	-1.3970e-04	3.9850e-07	1.6907e-06	0.0000e+00
638	0.0000e+00	0.0000e+00	-1.3606e-04	-2.3722e-07	1.6399e-06	0.0000e+00
639	0.0000e+00	0.0000e+00	-1.6069e-04	-8.8933e-07	1.7535e-06	0.0000e+00
640	0.0000e+00	0.0000e+00	-2.1261e-04	-1.4688e-06	2.0772e-06	0.0000e+00
641	0.0000e+00	0.0000e+00	-2.8461e-04	-1.7567e-06	2.6772e-06	0.0000e+00
642	0.0000e+00	0.0000e+00	-3.5618e-04	-1.3718e-06	3.4693e-06	0.0000e+00
643	0.0000e+00	0.0000e+00	-3.9183e-04	-1.6447e-07	3.8891e-06	0.0000e+00
644	0.0000e+00	0.0000e+00	-4.1627e-04	1.5516e-07	2.2166e-06	0.0000e+00
645	0.0000e+00	0.0000e+00	-3.7525e-04	1.5847e-06	1.8557e-06	0.0000e+00
646	0.0000e+00	0.0000e+00	-3.0014e-04	1.6921e-06	1.2892e-06	0.0000e+00
647	0.0000e+00	0.0000e+00	-2.3742e-04	1.1652e-06	1.1193e-06	0.0000e+00
648	0.0000e+00	0.0000e+00	-2.0156e-04	4.8202e-07	1.0830e-06	0.0000e+00
649	0.0000e+00	0.0000e+00	-1.9631e-04	-2.4264e-07	1.0650e-06	0.0000e+00
650	0.0000e+00	0.0000e+00	-2.2321e-04	-1.0021e-06	1.0392e-06	0.0000e+00
651	0.0000e+00	0.0000e+00	-2.8363e-04	-1.7843e-06	1.0592e-06	0.0000e+00
652	0.0000e+00	0.0000e+00	-3.7584e-04	-2.4315e-06	1.2991e-06	0.0000e+00
653	0.0000e+00	0.0000e+00	-4.8306e-04	-2.2576e-06	2.1668e-06	0.0000e+00
654	0.0000e+00	0.0000e+00	-5.4131e-04	-1.9057e-07	2.8620e-06	0.0000e+00
655	0.0000e+00	0.0000e+00	-4.6095e-04	-2.4851e-08	-4.2500e-07	0.0000e+00
656	0.0000e+00	0.0000e+00	-4.0381e-04	2.3642e-06	-8.4902e-07	0.0000e+00
657	0.0000e+00	0.0000e+00	-3.1784e-04	1.6815e-06	-6.0122e-07	0.0000e+00
658	0.0000e+00	0.0000e+00	-2.6030e-04	1.0201e-06	-8.8669e-08	0.0000e+00
659	0.0000e+00	0.0000e+00	-2.2958e-04	4.1098e-07	2.0104e-07	0.0000e+00
660	0.0000e+00	0.0000e+00	-2.2476e-04	-1.8771e-07	2.4208e-07	0.0000e+00
661	0.0000e+00	0.0000e+00	-2.4641e-04	-8.2031e-07	2.5318e-08	0.0000e+00
662	0.0000e+00	0.0000e+00	-2.9697e-04	-1.5401e-06	-4.6807e-07	0.0000e+00
663	0.0000e+00	0.0000e+00	-3.8107e-04	-2.4177e-06	-1.2259e-06	0.0000e+00
664	0.0000e+00	0.0000e+00	-5.0562e-04	-3.4645e-06	-1.5762e-06	0.0000e+00
665	0.0000e+00	0.0000e+00	-5.9669e-04	-2.3933e-07	-6.9439e-07	0.0000e+00
666	0.0000e+00	0.0000e+00	-2.6858e-04	3.6575e-07	-4.5974e-06	0.0000e+00
667	0.0000e+00	0.0000e+00	-2.4988e-04	4.6449e-07	-2.3083e-06	0.0000e+00
668	0.0000e+00	0.0000e+00	-2.3135e-04	3.6779e-07	-1.1225e-06	0.0000e+00
669	0.0000e+00	0.0000e+00	-2.1939e-04	1.6910e-07	-6.0374e-07	0.0000e+00
670	0.0000e+00	0.0000e+00	-2.1736e-04	-8.0604e-08	-5.2553e-07	0.0000e+00
671	0.0000e+00	0.0000e+00	-2.2657e-04	-3.3824e-07	-8.5386e-07	0.0000e+00
672	0.0000e+00	0.0000e+00	-2.4639e-04	-5.5992e-07	-1.6893e-06	0.0000e+00
673	0.0000e+00	0.0000e+00	-2.7418e-04	-6.9659e-07	-3.3784e-06	0.0000e+00
674	0.0000e+00	0.0000e+00	-3.0477e-04	-6.8686e-07	-6.5532e-06	0.0000e+00
675	0.0000e+00	0.0000e+00	-4.8504e-04	-1.5266e-06	-9.7611e-06	0.0000e+00
676	0.0000e+00	0.0000e+00	-1.0523e-03	-1.0486e-07	-1.6066e-05	0.0000e+00



677	0.0000e+00	0.0000e+00	-5.4647e-04	-1.6732e-06	-9.5683e-06	0.0000e+00
678	0.0000e+00	0.0000e+00	-1.0601e-03	-4.8406e-07	-1.3824e-05	0.0000e+00
679	0.0000e+00	0.0000e+00	-6.1395e-04	-1.8200e-06	-9.1838e-06	0.0000e+00
680	0.0000e+00	0.0000e+00	-1.0875e-03	-1.0330e-06	-1.2391e-05	0.0000e+00
681	0.0000e+00	0.0000e+00	-6.9067e-04	-2.0942e-06	-8.9415e-06	0.0000e+00
682	0.0000e+00	0.0000e+00	-1.1404e-03	-1.6818e-06	-1.1546e-05	0.0000e+00
683	0.0000e+00	0.0000e+00	-7.8037e-04	-2.4345e-06	-8.9130e-06	0.0000e+00
684	0.0000e+00	0.0000e+00	-1.2212e-03	-2.3541e-06	-1.1164e-05	0.0000e+00
685	0.0000e+00	0.0000e+00	-8.8380e-04	-2.7510e-06	-9.1024e-06	0.0000e+00
686	0.0000e+00	0.0000e+00	-1.3293e-03	-2.9641e-06	-1.1180e-05	0.0000e+00
687	0.0000e+00	0.0000e+00	-9.9788e-04	-2.9367e-06	-9.4861e-06	0.0000e+00
688	0.0000e+00	0.0000e+00	-1.4605e-03	-3.4124e-06	-1.1561e-05	0.0000e+00
689	0.0000e+00	0.0000e+00	-1.1151e-03	-2.8726e-06	-1.0010e-05	0.0000e+00
690	0.0000e+00	0.0000e+00	-1.6064e-03	-3.5807e-06	-1.2313e-05	0.0000e+00
691	0.0000e+00	0.0000e+00	-1.2244e-03	-2.5273e-06	-1.0455e-05	0.0000e+00
692	0.0000e+00	0.0000e+00	-1.7533e-03	-3.3235e-06	-1.3492e-05	0.0000e+00
693	0.0000e+00	0.0000e+00	-1.3232e-03	-2.4580e-06	-1.0908e-05	0.0000e+00
694	0.0000e+00	0.0000e+00	-1.6777e-04	-1.1220e-06	-5.0148e-06	0.0000e+00
695	0.0000e+00	0.0000e+00	-2.2308e-04	-1.6107e-06	-5.3757e-06	0.0000e+00
696	0.0000e+00	0.0000e+00	-2.9147e-04	-1.8414e-06	-5.6248e-06	0.0000e+00
697	0.0000e+00	0.0000e+00	-3.6813e-04	-2.0326e-06	-5.8344e-06	0.0000e+00
698	0.0000e+00	0.0000e+00	-4.5309e-04	-2.2391e-06	-6.0641e-06	0.0000e+00
699	0.0000e+00	0.0000e+00	-5.4642e-04	-2.4263e-06	-6.3304e-06	0.0000e+00
700	0.0000e+00	0.0000e+00	-6.4610e-04	-2.5296e-06	-6.6088e-06	0.0000e+00
701	0.0000e+00	0.0000e+00	-7.4766e-04	-2.5043e-06	-6.8373e-06	0.0000e+00
702	0.0000e+00	0.0000e+00	-8.4651e-04	-2.4108e-06	-6.8718e-06	0.0000e+00
703	0.0000e+00	0.0000e+00	-9.4309e-04	-2.4258e-06	-7.0978e-06	0.0000e+00
704	0.0000e+00	0.0000e+00	-2.5706e-05	-7.4230e-07	-1.6190e-06	0.0000e+00
705	0.0000e+00	0.0000e+00	-6.4073e-05	-1.1585e-06	-2.0372e-06	0.0000e+00
706	0.0000e+00	0.0000e+00	-1.1606e-04	-1.4434e-06	-2.5059e-06	0.0000e+00
707	0.0000e+00	0.0000e+00	-1.7822e-04	-1.6796e-06	-2.9359e-06	0.0000e+00
708	0.0000e+00	0.0000e+00	-2.4988e-04	-1.9151e-06	-3.3021e-06	0.0000e+00
709	0.0000e+00	0.0000e+00	-3.3105e-04	-2.1416e-06	-3.5915e-06	0.0000e+00
710	0.0000e+00	0.0000e+00	-4.2066e-04	-2.3240e-06	-3.7828e-06	0.0000e+00
711	0.0000e+00	0.0000e+00	-5.1630e-04	-2.4376e-06	-3.8556e-06	0.0000e+00
712	0.0000e+00	0.0000e+00	-6.1512e-04	-2.4886e-06	-3.7679e-06	0.0000e+00
713	0.0000e+00	0.0000e+00	-7.1420e-04	-2.4492e-06	-3.9833e-06	0.0000e+00
714	0.0000e+00	0.0000e+00	-1.0738e-05	-3.9252e-07	8.5000e-07	0.0000e+00
715	0.0000e+00	0.0000e+00	-3.1067e-05	-6.2913e-07	4.2611e-07	0.0000e+00
716	0.0000e+00	0.0000e+00	-6.1267e-05	-8.9118e-07	-1.0681e-07	0.0000e+00
717	0.0000e+00	0.0000e+00	-1.0270e-04	-1.1932e-06	-6.2192e-07	0.0000e+00
718	0.0000e+00	0.0000e+00	-1.5710e-04	-1.5352e-06	-1.0431e-06	0.0000e+00
719	0.0000e+00	0.0000e+00	-2.2564e-04	-1.8913e-06	-1.3331e-06	0.0000e+00
720	0.0000e+00	0.0000e+00	-3.0805e-04	-2.2187e-06	-1.4765e-06	0.0000e+00
721	0.0000e+00	0.0000e+00	-4.0216e-04	-2.4698e-06	-1.4875e-06	0.0000e+00
722	0.0000e+00	0.0000e+00	-5.0386e-04	-2.5913e-06	-1.3668e-06	0.0000e+00
723	0.0000e+00	0.0000e+00	-6.0603e-04	-2.4872e-06	-1.6124e-06	0.0000e+00
724	0.0000e+00	0.0000e+00	-8.6330e-05	-3.9108e-08	2.5473e-06	0.0000e+00
725	0.0000e+00	0.0000e+00	-8.7736e-05	-6.2955e-08	2.0845e-06	0.0000e+00
726	0.0000e+00	0.0000e+00	-9.3897e-05	-2.7637e-07	1.5004e-06	0.0000e+00
727	0.0000e+00	0.0000e+00	-1.1206e-04	-6.5369e-07	9.4299e-07	0.0000e+00
728	0.0000e+00	0.0000e+00	-1.4768e-04	-1.1382e-06	5.0203e-07	0.0000e+00
729	0.0000e+00	0.0000e+00	-2.0370e-04	-1.6636e-06	2.1671e-07	0.0000e+00
730	0.0000e+00	0.0000e+00	-2.8032e-04	-2.1575e-06	9.4344e-08	0.0000e+00
731	0.0000e+00	0.0000e+00	-3.7461e-04	-2.5350e-06	1.0506e-07	0.0000e+00
732	0.0000e+00	0.0000e+00	-4.7992e-04	-2.6945e-06	2.3747e-07	0.0000e+00
733	0.0000e+00	0.0000e+00	-5.8484e-04	-2.5095e-06	-5.4760e-08	0.0000e+00
734	0.0000e+00	0.0000e+00	-2.1952e-04	3.7382e-07	3.4901e-06	0.0000e+00
735	0.0000e+00	0.0000e+00	-1.9908e-04	5.8050e-07	2.9255e-06	0.0000e+00
736	0.0000e+00	0.0000e+00	-1.7855e-04	3.9202e-07	2.2696e-06	0.0000e+00
737	0.0000e+00	0.0000e+00	-1.7199e-04	-9.2386e-08	1.6906e-06	0.0000e+00
738	0.0000e+00	0.0000e+00	-1.8844e-04	-7.4076e-07	1.2543e-06	0.0000e+00
739	0.0000e+00	0.0000e+00	-2.3214e-04	-1.4447e-06	9.7413e-07	0.0000e+00
740	0.0000e+00	0.0000e+00	-3.0335e-04	-2.1063e-06	8.4740e-07	0.0000e+00
741	0.0000e+00	0.0000e+00	-3.9810e-04	-2.6058e-06	8.4743e-07	0.0000e+00
742	0.0000e+00	0.0000e+00	-5.0697e-04	-2.7893e-06	9.7336e-07	0.0000e+00
743	0.0000e+00	0.0000e+00	-6.1359e-04	-2.4861e-06	6.0968e-07	0.0000e+00
744	0.0000e+00	0.0000e+00	-3.7499e-04	9.3278e-07	3.5442e-06	0.0000e+00
745	0.0000e+00	0.0000e+00	-3.2699e-04	1.3469e-06	2.8093e-06	0.0000e+00
746	0.0000e+00	0.0000e+00	-2.7712e-04	1.0862e-06	2.1211e-06	0.0000e+00
747	0.0000e+00	0.0000e+00	-2.4630e-04	4.4110e-07	1.6038e-06	0.0000e+00
748	0.0000e+00	0.0000e+00	-2.4482e-04	-3.6587e-07	1.2289e-06	0.0000e+00

749	0.0000e+00	0.0000e+00	-2.7648e-04	-1.2158e-06	9.5797e-07	0.0000e+00
750	0.0000e+00	0.0000e+00	-3.4121e-04	-2.0180e-06	7.8182e-07	0.0000e+00
751	0.0000e+00	0.0000e+00	-4.3469e-04	-2.6372e-06	7.0211e-07	0.0000e+00
752	0.0000e+00	0.0000e+00	-5.4558e-04	-2.8501e-06	7.6913e-07	0.0000e+00
753	0.0000e+00	0.0000e+00	-6.5163e-04	-2.3764e-06	2.8584e-07	0.0000e+00
754	0.0000e+00	0.0000e+00	-5.0614e-04	1.7754e-06	2.2941e-06	0.0000e+00
755	0.0000e+00	0.0000e+00	-4.2373e-04	2.1632e-06	1.4222e-06	0.0000e+00
756	0.0000e+00	0.0000e+00	-3.4803e-04	1.6280e-06	9.9958e-07	0.0000e+00
757	0.0000e+00	0.0000e+00	-2.9986e-04	8.1499e-07	7.6535e-07	0.0000e+00
758	0.0000e+00	0.0000e+00	-2.8522e-04	-6.1414e-08	5.5600e-07	0.0000e+00
759	0.0000e+00	0.0000e+00	-3.0539e-04	-9.4410e-07	3.0013e-07	0.0000e+00
760	0.0000e+00	0.0000e+00	-3.5993e-04	-1.7947e-06	-3.7072e-09	0.0000e+00
761	0.0000e+00	0.0000e+00	-4.4586e-04	-2.5113e-06	-3.1348e-07	0.0000e+00
762	0.0000e+00	0.0000e+00	-5.5312e-04	-2.8055e-06	-4.4961e-07	0.0000e+00
763	0.0000e+00	0.0000e+00	-6.5384e-04	-2.1201e-06	-1.1485e-06	0.0000e+00
764	0.0000e+00	0.0000e+00	-5.3600e-04	3.1080e-06	-1.3551e-06	0.0000e+00
765	0.0000e+00	0.0000e+00	-4.2920e-04	2.4029e-06	-1.3763e-06	0.0000e+00
766	0.0000e+00	0.0000e+00	-3.5243e-04	1.5844e-06	-8.3793e-07	0.0000e+00
767	0.0000e+00	0.0000e+00	-3.0549e-04	8.3329e-07	-5.1903e-07	0.0000e+00
768	0.0000e+00	0.0000e+00	-2.8696e-04	1.2019e-07	-4.8449e-07	0.0000e+00
769	0.0000e+00	0.0000e+00	-2.9623e-04	-5.8430e-07	-7.3209e-07	0.0000e+00
770	0.0000e+00	0.0000e+00	-3.3322e-04	-1.2875e-06	-1.2402e-06	0.0000e+00
771	0.0000e+00	0.0000e+00	-3.9730e-04	-1.9594e-06	-1.9813e-06	0.0000e+00
772	0.0000e+00	0.0000e+00	-4.8464e-04	-2.4458e-06	-2.6986e-06	0.0000e+00
773	0.0000e+00	0.0000e+00	-5.6946e-04	-1.6346e-06	-3.8686e-06	0.0000e+00
774	0.0000e+00	0.0000e+00	-3.2618e-04	4.6443e-07	-7.1056e-06	0.0000e+00
775	0.0000e+00	0.0000e+00	-3.0329e-04	6.5962e-07	-4.1069e-06	0.0000e+00
776	0.0000e+00	0.0000e+00	-2.7727e-04	6.2756e-07	-2.4345e-06	0.0000e+00
777	0.0000e+00	0.0000e+00	-2.5534e-04	4.5701e-07	-1.6956e-06	0.0000e+00
778	0.0000e+00	0.0000e+00	-2.4202e-04	1.9759e-07	-1.5278e-06	0.0000e+00
779	0.0000e+00	0.0000e+00	-2.4011e-04	-1.1236e-07	-1.8018e-06	0.0000e+00
780	0.0000e+00	0.0000e+00	-2.5087e-04	-4.3397e-07	-2.4785e-06	0.0000e+00
781	0.0000e+00	0.0000e+00	-2.7384e-04	-7.1916e-07	-3.6007e-06	0.0000e+00
782	0.0000e+00	0.0000e+00	-3.0620e-04	-8.9864e-07	-5.1302e-06	0.0000e+00
783	0.0000e+00	0.0000e+00	8.1545e-05	1.6892e-07	2.2300e-06	0.0000e+00
784	0.0000e+00	0.0000e+00	2.0855e-04	-3.5056e-07	3.5222e-06	0.0000e+00
785	0.0000e+00	0.0000e+00	8.0636e-05	-1.7705e-07	1.9018e-06	0.0000e+00
786	0.0000e+00	0.0000e+00	1.8167e-04	-7.1437e-07	2.6846e-06	0.0000e+00
787	0.0000e+00	0.0000e+00	6.6837e-05	-4.2059e-07	1.4681e-06	0.0000e+00
788	0.0000e+00	0.0000e+00	1.4342e-04	-9.0293e-07	2.0132e-06	0.0000e+00
789	0.0000e+00	0.0000e+00	4.5666e-05	-5.2241e-07	1.0437e-06	0.0000e+00
790	0.0000e+00	0.0000e+00	1.0052e-04	-9.4332e-07	1.4540e-06	0.0000e+00
791	0.0000e+00	0.0000e+00	2.3127e-05	-4.8856e-07	6.5546e-07	0.0000e+00
792	0.0000e+00	0.0000e+00	5.8959e-05	-8.4819e-07	9.8134e-07	0.0000e+00
793	0.0000e+00	0.0000e+00	4.9579e-06	-3.2605e-07	3.1649e-07	0.0000e+00
794	0.0000e+00	0.0000e+00	2.4433e-05	-6.1897e-07	5.8276e-07	0.0000e+00
795	0.0000e+00	0.0000e+00	-3.5172e-06	-5.1026e-08	5.6837e-08	0.0000e+00
796	0.0000e+00	0.0000e+00	2.7472e-06	-2.4381e-07	2.5478e-07	0.0000e+00
797	0.0000e+00	0.0000e+00	3.1736e-08	1.6043e-07	2.0651e-10	0.0000e+00
798	0.0000e+00	0.0000e+00	1.1167e-05	2.1067e-07	1.0683e-06	0.0000e+00
799	0.0000e+00	0.0000e+00	1.7652e-05	8.0929e-08	1.0123e-06	0.0000e+00
800	0.0000e+00	0.0000e+00	1.6849e-05	-9.1832e-08	8.2912e-07	0.0000e+00
801	0.0000e+00	0.0000e+00	1.0002e-05	-1.9025e-07	5.9279e-07	0.0000e+00
802	0.0000e+00	0.0000e+00	1.1701e-06	-1.8425e-07	3.5290e-07	0.0000e+00
803	0.0000e+00	0.0000e+00	-5.1545e-06	-7.9822e-08	1.4774e-07	0.0000e+00
804	0.0000e+00	0.0000e+00	-5.5118e-06	7.5870e-08	2.2553e-08	0.0000e+00
805	0.0000e+00	0.0000e+00	2.2961e-08	1.6420e-07	1.9372e-10	0.0000e+00
806	0.0000e+00	0.0000e+00	-1.6878e-05	1.7886e-07	2.5754e-07	0.0000e+00
807	0.0000e+00	0.0000e+00	-1.0003e-05	1.3013e-07	2.9279e-07	0.0000e+00
808	0.0000e+00	0.0000e+00	-6.6260e-06	3.5774e-08	2.6952e-07	0.0000e+00
809	0.0000e+00	0.0000e+00	-6.8955e-06	-2.7994e-08	1.9419e-07	0.0000e+00
810	0.0000e+00	0.0000e+00	-8.5737e-06	-2.7869e-08	9.8777e-08	0.0000e+00
811	0.0000e+00	0.0000e+00	-8.8530e-06	3.1335e-08	1.9212e-08	0.0000e+00
812	0.0000e+00	0.0000e+00	-5.8587e-06	1.1177e-07	-1.4191e-08	0.0000e+00
813	0.0000e+00	0.0000e+00	1.5165e-08	1.5152e-07	1.6339e-10	0.0000e+00
814	0.0000e+00	0.0000e+00	-1.5228e-05	1.1417e-07	-3.0804e-07	0.0000e+00
815	0.0000e+00	0.0000e+00	-1.1019e-05	7.8821e-08	-2.1727e-07	0.0000e+00
816	0.0000e+00	0.0000e+00	-8.8384e-06	2.9242e-08	-1.4382e-07	0.0000e+00
817	0.0000e+00	0.0000e+00	-8.4614e-06	9.6388e-10	-1.0617e-07	0.0000e+00
818	0.0000e+00	0.0000e+00	-8.5210e-06	9.4265e-09	-9.3300e-08	0.0000e+00
819	0.0000e+00	0.0000e+00	-7.4780e-06	4.7892e-08	-8.1514e-08	0.0000e+00
820	0.0000e+00	0.0000e+00	-4.4949e-06	9.2307e-08	-5.0846e-08	0.0000e+00

821	0.0000e+00	0.0000e+00	8.8158e-09	1.1225e-07	1.2818e-10	0.0000e+00
822	0.0000e+00	0.0000e+00	6.6920e-06	1.3312e-08	-6.7879e-07	0.0000e+00
823	0.0000e+00	0.0000e+00	5.9815e-06	-3.8653e-08	-5.3892e-07	0.0000e+00
824	0.0000e+00	0.0000e+00	3.5302e-06	-6.4396e-08	-4.0053e-07	0.0000e+00
825	0.0000e+00	0.0000e+00	6.1694e-07	-6.0448e-08	-2.9281e-07	0.0000e+00
826	0.0000e+00	0.0000e+00	-1.5921e-06	-3.4166e-08	-2.1446e-07	0.0000e+00
827	0.0000e+00	0.0000e+00	-2.3858e-06	1.6409e-09	-1.4840e-07	0.0000e+00
828	0.0000e+00	0.0000e+00	-1.6730e-06	3.1974e-08	-7.8320e-08	0.0000e+00
829	0.0000e+00	0.0000e+00	3.9817e-09	4.3853e-08	9.4232e-11	0.0000e+00
830	0.0000e+00	0.0000e+00	4.0821e-05	-1.3049e-07	-8.6916e-07	0.0000e+00
831	0.0000e+00	0.0000e+00	3.3060e-05	-2.0875e-07	-6.7911e-07	0.0000e+00
832	0.0000e+00	0.0000e+00	2.3667e-05	-2.1031e-07	-4.9922e-07	0.0000e+00
833	0.0000e+00	0.0000e+00	1.5284e-05	-1.6915e-07	-3.6175e-07	0.0000e+00
834	0.0000e+00	0.0000e+00	9.0111e-06	-1.1789e-07	-2.6100e-07	0.0000e+00
835	0.0000e+00	0.0000e+00	4.8123e-06	-7.6000e-08	-1.7709e-07	0.0000e+00
836	0.0000e+00	0.0000e+00	2.0672e-06	-5.1556e-08	-9.2162e-08	0.0000e+00
837	0.0000e+00	0.0000e+00	5.4255e-10	-4.4219e-08	6.4268e-11	0.0000e+00
838	0.0000e+00	0.0000e+00	7.8862e-05	-3.2879e-07	-8.5225e-07	0.0000e+00
839	0.0000e+00	0.0000e+00	6.1930e-05	-4.1805e-07	-6.1304e-07	0.0000e+00
840	0.0000e+00	0.0000e+00	4.4527e-05	-3.7004e-07	-4.3040e-07	0.0000e+00
841	0.0000e+00	0.0000e+00	3.0410e-05	-2.7960e-07	-3.1400e-07	0.0000e+00
842	0.0000e+00	0.0000e+00	2.0064e-05	-2.0108e-07	-2.3610e-07	0.0000e+00
843	0.0000e+00	0.0000e+00	1.2454e-05	-1.5456e-07	-1.6977e-07	0.0000e+00
844	0.0000e+00	0.0000e+00	6.1238e-06	-1.4004e-07	-9.3831e-08	0.0000e+00
845	0.0000e+00	0.0000e+00	-1.6897e-09	-1.4064e-07	3.8766e-11	0.0000e+00
846	0.0000e+00	0.0000e+00	1.1001e-04	-6.0000e-07	-5.3173e-07	0.0000e+00
847	0.0000e+00	0.0000e+00	8.2481e-05	-6.2042e-07	-2.8155e-07	0.0000e+00
848	0.0000e+00	0.0000e+00	5.8706e-05	-4.7816e-07	-1.9442e-07	0.0000e+00
849	0.0000e+00	0.0000e+00	4.1171e-05	-3.3951e-07	-1.6668e-07	0.0000e+00
850	0.0000e+00	0.0000e+00	2.8688e-05	-2.4518e-07	-1.5321e-07	0.0000e+00
851	0.0000e+00	0.0000e+00	1.9107e-05	-2.0551e-07	-1.3409e-07	0.0000e+00
852	0.0000e+00	0.0000e+00	1.0075e-05	-2.1728e-07	-9.0300e-08	0.0000e+00
853	0.0000e+00	0.0000e+00	-2.8896e-09	-2.4111e-07	1.6671e-11	0.0000e+00
854	0.0000e+00	0.0000e+00	1.1620e-04	-9.3724e-07	3.5815e-07	0.0000e+00
855	0.0000e+00	0.0000e+00	8.2906e-05	-6.4516e-07	2.9805e-07	0.0000e+00
856	0.0000e+00	0.0000e+00	6.0021e-05	-4.3863e-07	1.3696e-07	0.0000e+00
857	0.0000e+00	0.0000e+00	4.4215e-05	-3.0441e-07	2.5961e-08	0.0000e+00
858	0.0000e+00	0.0000e+00	3.2876e-05	-2.2717e-07	-3.8905e-08	0.0000e+00
859	0.0000e+00	0.0000e+00	2.3665e-05	-2.0527e-07	-7.2878e-08	0.0000e+00
860	0.0000e+00	0.0000e+00	1.3869e-05	-2.5812e-07	-9.0392e-08	0.0000e+00
861	0.0000e+00	0.0000e+00	-3.1551e-09	-3.5320e-07	-4.5712e-12	0.0000e+00
862	0.0000e+00	0.0000e+00	7.0734e-05	-3.1396e-07	1.4716e-06	0.0000e+00
863	0.0000e+00	0.0000e+00	5.8332e-05	-2.5902e-07	7.5633e-07	0.0000e+00
864	0.0000e+00	0.0000e+00	4.8015e-05	-2.1529e-07	3.7491e-07	0.0000e+00
865	0.0000e+00	0.0000e+00	3.9434e-05	-1.8012e-07	1.7539e-07	0.0000e+00
866	0.0000e+00	0.0000e+00	3.2037e-05	-1.6195e-07	6.9651e-08	0.0000e+00
867	0.0000e+00	0.0000e+00	2.4820e-05	-1.7309e-07	1.9306e-08	0.0000e+00
868	0.0000e+00	0.0000e+00	1.5946e-05	-2.4310e-07	1.7821e-09	0.0000e+00
869	0.0000e+00	0.0000e+00	3.5795e-06	-5.1075e-08	-5.6438e-08	0.0000e+00
870	0.0000e+00	0.0000e+00	-2.6683e-06	-2.4386e-07	-2.5443e-07	0.0000e+00
871	0.0000e+00	0.0000e+00	-4.8979e-06	-3.2610e-07	-3.1611e-07	0.0000e+00
872	0.0000e+00	0.0000e+00	-2.4357e-05	-6.1903e-07	-5.8241e-07	0.0000e+00
873	0.0000e+00	0.0000e+00	-2.3070e-05	-4.8861e-07	-6.5510e-07	0.0000e+00
874	0.0000e+00	0.0000e+00	-5.8886e-05	-8.4826e-07	-9.8099e-07	0.0000e+00
875	0.0000e+00	0.0000e+00	-4.5610e-05	-5.2244e-07	-1.0433e-06	0.0000e+00
876	0.0000e+00	0.0000e+00	-1.0045e-04	-9.4337e-07	-1.4537e-06	0.0000e+00
877	0.0000e+00	0.0000e+00	-6.6782e-05	-4.2061e-07	-1.4678e-06	0.0000e+00
878	0.0000e+00	0.0000e+00	-1.4335e-04	-9.0297e-07	-2.0129e-06	0.0000e+00
879	0.0000e+00	0.0000e+00	-8.0583e-05	-1.7706e-07	-1.9015e-06	0.0000e+00
880	0.0000e+00	0.0000e+00	-1.8160e-04	-7.1441e-07	-2.6843e-06	0.0000e+00
881	0.0000e+00	0.0000e+00	-8.1493e-05	1.6889e-07	-2.2297e-06	0.0000e+00
882	0.0000e+00	0.0000e+00	-2.0848e-04	-3.5063e-07	-3.5219e-06	0.0000e+00
883	0.0000e+00	0.0000e+00	5.5571e-06	7.5842e-08	-2.2175e-08	0.0000e+00
884	0.0000e+00	0.0000e+00	5.1983e-06	-7.9860e-08	-1.4738e-07	0.0000e+00
885	0.0000e+00	0.0000e+00	-1.1280e-06	-1.8428e-07	-3.5256e-07	0.0000e+00
886	0.0000e+00	0.0000e+00	-9.9608e-06	-1.9028e-07	-5.9246e-07	0.0000e+00
887	0.0000e+00	0.0000e+00	-1.6808e-05	-9.1842e-08	-8.2880e-07	0.0000e+00
888	0.0000e+00	0.0000e+00	-1.7612e-05	8.0922e-08	-1.0120e-06	0.0000e+00
889	0.0000e+00	0.0000e+00	-1.1127e-05	2.1065e-07	-1.0680e-06	0.0000e+00
890	0.0000e+00	0.0000e+00	5.8887e-06	1.1176e-07	1.4513e-08	0.0000e+00
891	0.0000e+00	0.0000e+00	8.8821e-06	3.1313e-08	-1.8903e-08	0.0000e+00
892	0.0000e+00	0.0000e+00	8.6019e-06	-2.7888e-08	-9.8482e-08	0.0000e+00

893	0.0000e+00	0.0000e+00	6.9230e-06	-2.8005e-08	-1.9390e-07	0.0000e+00
894	0.0000e+00	0.0000e+00	6.6532e-06	3.5770e-08	-2.6924e-07	0.0000e+00
895	0.0000e+00	0.0000e+00	1.0030e-05	1.3012e-07	-2.9251e-07	0.0000e+00
896	0.0000e+00	0.0000e+00	1.6905e-05	1.7885e-07	-2.5727e-07	0.0000e+00
897	0.0000e+00	0.0000e+00	4.5123e-06	9.2299e-08	5.1100e-08	0.0000e+00
898	0.0000e+00	0.0000e+00	7.4951e-06	4.7881e-08	8.1759e-08	0.0000e+00
899	0.0000e+00	0.0000e+00	8.5376e-06	9.4176e-09	9.3537e-08	0.0000e+00
900	0.0000e+00	0.0000e+00	8.4777e-06	9.6019e-10	1.0640e-07	0.0000e+00
901	0.0000e+00	0.0000e+00	8.8547e-06	2.9243e-08	1.4404e-07	0.0000e+00
902	0.0000e+00	0.0000e+00	1.1036e-05	7.8823e-08	2.1749e-07	0.0000e+00
903	0.0000e+00	0.0000e+00	1.5245e-05	1.1417e-07	3.0825e-07	0.0000e+00
904	0.0000e+00	0.0000e+00	1.6809e-06	3.1971e-08	7.8507e-08	0.0000e+00
905	0.0000e+00	0.0000e+00	2.3935e-06	1.6371e-09	1.4858e-07	0.0000e+00
906	0.0000e+00	0.0000e+00	1.5997e-06	-3.4168e-08	2.1464e-07	0.0000e+00
907	0.0000e+00	0.0000e+00	-6.0939e-07	-6.0447e-08	2.9299e-07	0.0000e+00
908	0.0000e+00	0.0000e+00	-3.5225e-06	-6.4392e-08	4.0070e-07	0.0000e+00
909	0.0000e+00	0.0000e+00	-5.9737e-06	-3.8648e-08	5.3909e-07	0.0000e+00
910	0.0000e+00	0.0000e+00	-6.6839e-06	1.3314e-08	6.7896e-07	0.0000e+00
911	0.0000e+00	0.0000e+00	-2.0661e-06	-5.1556e-08	9.2289e-08	0.0000e+00
912	0.0000e+00	0.0000e+00	-4.8112e-06	-7.6000e-08	1.7721e-07	0.0000e+00
913	0.0000e+00	0.0000e+00	-9.0100e-06	-1.1789e-07	2.6112e-07	0.0000e+00
914	0.0000e+00	0.0000e+00	-1.5283e-05	-1.6915e-07	3.6187e-07	0.0000e+00
915	0.0000e+00	0.0000e+00	-2.3665e-05	-2.1030e-07	4.9933e-07	0.0000e+00
916	0.0000e+00	0.0000e+00	-3.3059e-05	-2.0874e-07	6.7923e-07	0.0000e+00
917	0.0000e+00	0.0000e+00	-4.0819e-05	-1.3048e-07	8.6928e-07	0.0000e+00
918	0.0000e+00	0.0000e+00	-6.1271e-06	-1.4004e-07	9.3908e-08	0.0000e+00
919	0.0000e+00	0.0000e+00	-1.2458e-05	-1.5456e-07	1.6985e-07	0.0000e+00
920	0.0000e+00	0.0000e+00	-2.0067e-05	-2.0108e-07	2.3617e-07	0.0000e+00
921	0.0000e+00	0.0000e+00	-3.0413e-05	-2.7960e-07	3.1407e-07	0.0000e+00
922	0.0000e+00	0.0000e+00	-4.4529e-05	-3.7004e-07	4.3047e-07	0.0000e+00
923	0.0000e+00	0.0000e+00	-6.1932e-05	-4.1804e-07	6.1312e-07	0.0000e+00
924	0.0000e+00	0.0000e+00	-7.8864e-05	-3.2878e-07	8.5233e-07	0.0000e+00
925	0.0000e+00	0.0000e+00	-1.0080e-05	-2.1728e-07	9.0333e-08	0.0000e+00
926	0.0000e+00	0.0000e+00	-1.9113e-05	-2.0551e-07	1.3412e-07	0.0000e+00
927	0.0000e+00	0.0000e+00	-2.8693e-05	-2.4518e-07	1.5324e-07	0.0000e+00
928	0.0000e+00	0.0000e+00	-4.1176e-05	-3.3951e-07	1.6672e-07	0.0000e+00
929	0.0000e+00	0.0000e+00	-5.8711e-05	-4.7815e-07	1.9445e-07	0.0000e+00
930	0.0000e+00	0.0000e+00	-8.2486e-05	-6.2042e-07	2.8159e-07	0.0000e+00
931	0.0000e+00	0.0000e+00	-1.1002e-04	-5.9999e-07	5.3177e-07	0.0000e+00
932	0.0000e+00	0.0000e+00	-1.3875e-05	-2.5812e-07	9.0382e-08	0.0000e+00
933	0.0000e+00	0.0000e+00	-2.3671e-05	-2.0527e-07	7.2871e-08	0.0000e+00
934	0.0000e+00	0.0000e+00	-3.2882e-05	-2.2717e-07	3.8900e-08	0.0000e+00
935	0.0000e+00	0.0000e+00	-4.4221e-05	-3.0441e-07	-2.5964e-08	0.0000e+00
936	0.0000e+00	0.0000e+00	-6.0027e-05	-4.3863e-07	-1.3696e-07	0.0000e+00
937	0.0000e+00	0.0000e+00	-8.2912e-05	-6.4515e-07	-2.9805e-07	0.0000e+00
938	0.0000e+00	0.0000e+00	-1.1620e-04	-9.3724e-07	-3.5815e-07	0.0000e+00
939	0.0000e+00	0.0000e+00	-1.5951e-05	-2.4311e-07	-1.8329e-09	0.0000e+00
940	0.0000e+00	0.0000e+00	-2.4825e-05	-1.7309e-07	-1.9350e-08	0.0000e+00
941	0.0000e+00	0.0000e+00	-3.2042e-05	-1.6195e-07	-6.9690e-08	0.0000e+00
942	0.0000e+00	0.0000e+00	-3.9439e-05	-1.8012e-07	-1.7543e-07	0.0000e+00
943	0.0000e+00	0.0000e+00	-4.8020e-05	-2.1528e-07	-3.7494e-07	0.0000e+00
944	0.0000e+00	0.0000e+00	-5.8336e-05	-2.5901e-07	-7.5636e-07	0.0000e+00
945	0.0000e+00	0.0000e+00	-7.0738e-05	-3.1395e-07	-1.4717e-06	0.0000e+00
946	0.0000e+00	0.0000e+00	3.5295e-04	1.2034e-06	7.7622e-06	0.0000e+00
947	0.0000e+00	0.0000e+00	7.9780e-04	3.2533e-07	1.2435e-05	0.0000e+00
948	0.0000e+00	0.0000e+00	3.8941e-04	6.9194e-07	7.6246e-06	0.0000e+00
949	0.0000e+00	0.0000e+00	7.9754e-04	-9.2225e-08	1.0939e-05	0.0000e+00
950	0.0000e+00	0.0000e+00	4.0598e-04	2.0232e-07	7.2759e-06	0.0000e+00
951	0.0000e+00	0.0000e+00	7.8654e-04	-2.8543e-07	1.0049e-05	0.0000e+00
952	0.0000e+00	0.0000e+00	4.0645e-04	-1.5355e-07	7.0011e-06	0.0000e+00
953	0.0000e+00	0.0000e+00	7.7213e-04	-3.2363e-07	9.6530e-06	0.0000e+00
954	0.0000e+00	0.0000e+00	3.9544e-04	-4.0955e-07	6.8344e-06	0.0000e+00
955	0.0000e+00	0.0000e+00	7.5919e-04	-2.6330e-07	9.7347e-06	0.0000e+00
956	0.0000e+00	0.0000e+00	3.7731e-04	-5.2896e-07	6.6331e-06	0.0000e+00
957	0.0000e+00	0.0000e+00	7.5047e-04	-1.5322e-07	1.0367e-05	0.0000e+00
958	0.0000e+00	0.0000e+00	1.0216e-04	8.2878e-07	3.9211e-06	0.0000e+00
959	0.0000e+00	0.0000e+00	1.3436e-04	7.3685e-07	4.1563e-06	0.0000e+00
960	0.0000e+00	0.0000e+00	1.5676e-04	3.9970e-07	4.1776e-06	0.0000e+00
961	0.0000e+00	0.0000e+00	1.6546e-04	6.2899e-08	4.0700e-06	0.0000e+00
962	0.0000e+00	0.0000e+00	1.6300e-04	-1.5704e-07	3.8830e-06	0.0000e+00
963	0.0000e+00	0.0000e+00	1.5580e-04	-1.5251e-07	3.6307e-06	0.0000e+00
964	0.0000e+00	0.0000e+00	-5.6081e-06	5.3982e-07	1.1311e-06	0.0000e+00

965	0.0000e+00	0.0000e+00	1.6599e-05	5.3814e-07	1.3575e-06	0.0000e+00
966	0.0000e+00	0.0000e+00	3.4846e-05	3.6915e-07	1.5034e-06	0.0000e+00
967	0.0000e+00	0.0000e+00	4.5230e-05	1.6518e-07	1.5240e-06	0.0000e+00
968	0.0000e+00	0.0000e+00	4.8619e-05	3.1121e-08	1.4446e-06	0.0000e+00
969	0.0000e+00	0.0000e+00	4.9076e-05	2.4050e-08	1.3354e-06	0.0000e+00
970	0.0000e+00	0.0000e+00	-9.5184e-06	3.3657e-07	-8.6904e-07	0.0000e+00
971	0.0000e+00	0.0000e+00	3.7214e-06	3.1544e-07	-6.6873e-07	0.0000e+00
972	0.0000e+00	0.0000e+00	1.4810e-05	2.3882e-07	-4.8415e-07	0.0000e+00
973	0.0000e+00	0.0000e+00	2.2444e-05	1.5098e-07	-3.8535e-07	0.0000e+00
974	0.0000e+00	0.0000e+00	2.6935e-05	8.5653e-08	-3.6861e-07	0.0000e+00
975	0.0000e+00	0.0000e+00	2.9483e-05	5.3761e-08	-3.7132e-07	0.0000e+00
976	0.0000e+00	0.0000e+00	5.8693e-05	1.5741e-07	-2.1877e-06	0.0000e+00
977	0.0000e+00	0.0000e+00	6.3081e-05	7.6250e-08	-1.9641e-06	0.0000e+00
978	0.0000e+00	0.0000e+00	6.5437e-05	5.4621e-08	-1.7386e-06	0.0000e+00
979	0.0000e+00	0.0000e+00	6.7764e-05	6.6338e-08	-1.5975e-06	0.0000e+00
980	0.0000e+00	0.0000e+00	7.0460e-05	6.3496e-08	-1.5462e-06	0.0000e+00
981	0.0000e+00	0.0000e+00	7.2074e-05	7.7567e-09	-1.5182e-06	0.0000e+00
982	0.0000e+00	0.0000e+00	1.7002e-04	-7.1906e-08	-2.8472e-06	0.0000e+00
983	0.0000e+00	0.0000e+00	1.6310e-04	-2.2836e-07	-2.5292e-06	0.0000e+00
984	0.0000e+00	0.0000e+00	1.5441e-04	-1.7615e-07	-2.2359e-06	0.0000e+00
985	0.0000e+00	0.0000e+00	1.5022e-04	-3.1989e-08	-2.0811e-06	0.0000e+00
986	0.0000e+00	0.0000e+00	1.5113e-04	5.3023e-08	-2.0669e-06	0.0000e+00
987	0.0000e+00	0.0000e+00	1.5235e-04	-2.9084e-08	-2.0986e-06	0.0000e+00
988	0.0000e+00	0.0000e+00	2.9435e-04	-4.4659e-07	-2.7695e-06	0.0000e+00
989	0.0000e+00	0.0000e+00	2.7046e-04	-6.5825e-07	-2.2780e-06	0.0000e+00
990	0.0000e+00	0.0000e+00	2.4755e-04	-4.4700e-07	-1.9139e-06	0.0000e+00
991	0.0000e+00	0.0000e+00	2.3697e-04	-8.6834e-08	-1.7822e-06	0.0000e+00
992	0.0000e+00	0.0000e+00	2.3910e-04	1.5056e-07	-1.8660e-06	0.0000e+00
993	0.0000e+00	0.0000e+00	2.4454e-04	4.5861e-08	-2.0563e-06	0.0000e+00
994	0.0000e+00	0.0000e+00	3.9461e-04	-1.0958e-06	-1.6907e-06	0.0000e+00
995	0.0000e+00	0.0000e+00	3.4602e-04	-1.1998e-06	-1.0269e-06	0.0000e+00
996	0.0000e+00	0.0000e+00	3.0818e-04	-6.9015e-07	-7.5033e-07	0.0000e+00
997	0.0000e+00	0.0000e+00	2.9335e-04	-6.7363e-08	-6.9717e-07	0.0000e+00
998	0.0000e+00	0.0000e+00	3.0066e-04	4.0508e-07	-8.2977e-07	0.0000e+00
999	0.0000e+00	0.0000e+00	3.1828e-04	3.5891e-07	-1.2218e-06	0.0000e+00
1000	0.0000e+00	0.0000e+00	4.1401e-04	-2.1595e-06	1.1139e-06	0.0000e+00
1001	0.0000e+00	0.0000e+00	3.4483e-04	-1.4286e-06	1.2144e-06	0.0000e+00
1002	0.0000e+00	0.0000e+00	3.0422e-04	-6.9757e-07	9.5201e-07	0.0000e+00
1003	0.0000e+00	0.0000e+00	2.8976e-04	-4.6510e-08	8.7908e-07	0.0000e+00
1004	0.0000e+00	0.0000e+00	2.9922e-04	5.6410e-07	9.9821e-07	0.0000e+00
1005	0.0000e+00	0.0000e+00	3.3023e-04	1.0532e-06	8.9178e-07	0.0000e+00
1006	0.0000e+00	0.0000e+00	2.5782e-04	-3.8894e-07	5.1872e-06	0.0000e+00
1007	0.0000e+00	0.0000e+00	2.4291e-04	-3.5781e-07	3.2213e-06	0.0000e+00
1008	0.0000e+00	0.0000e+00	2.3025e-04	-2.7506e-07	2.2675e-06	0.0000e+00
1009	0.0000e+00	0.0000e+00	2.2111e-04	-1.8409e-07	2.1157e-06	0.0000e+00
1010	0.0000e+00	0.0000e+00	2.1483e-04	-1.3559e-07	2.6899e-06	0.0000e+00
1011	0.0000e+00	0.0000e+00	2.0835e-04	-2.0265e-07	4.0844e-06	0.0000e+00
1012	0.0000e+00	0.0000e+00	-3.7738e-04	-5.2945e-07	-6.6337e-06	0.0000e+00
1013	0.0000e+00	0.0000e+00	-7.5057e-04	-1.5383e-07	-1.0367e-05	0.0000e+00
1014	0.0000e+00	0.0000e+00	-3.9554e-04	-4.1010e-07	-6.8351e-06	0.0000e+00
1015	0.0000e+00	0.0000e+00	-7.5932e-04	-2.6398e-07	-9.7354e-06	0.0000e+00
1016	0.0000e+00	0.0000e+00	-4.0657e-04	-1.5415e-07	-7.0019e-06	0.0000e+00
1017	0.0000e+00	0.0000e+00	-7.7228e-04	-3.2436e-07	-9.6538e-06	0.0000e+00
1018	0.0000e+00	0.0000e+00	-4.0613e-04	2.0168e-07	-7.2769e-06	0.0000e+00
1019	0.0000e+00	0.0000e+00	-7.8673e-04	-2.8619e-07	-1.0049e-05	0.0000e+00
1020	0.0000e+00	0.0000e+00	-3.8958e-04	6.9131e-07	-7.6257e-06	0.0000e+00
1021	0.0000e+00	0.0000e+00	-7.9775e-04	-9.2972e-08	-1.0940e-05	0.0000e+00
1022	0.0000e+00	0.0000e+00	-3.5314e-04	1.2028e-06	-7.7635e-06	0.0000e+00
1023	0.0000e+00	0.0000e+00	-7.9805e-04	3.2466e-07	-1.2436e-05	0.0000e+00
1024	0.0000e+00	0.0000e+00	-1.5585e-04	-1.5287e-07	-3.6312e-06	0.0000e+00
1025	0.0000e+00	0.0000e+00	-1.6306e-04	-1.5744e-07	-3.8837e-06	0.0000e+00
1026	0.0000e+00	0.0000e+00	-1.6555e-04	6.2455e-08	-4.0707e-06	0.0000e+00
1027	0.0000e+00	0.0000e+00	-1.5686e-04	3.9923e-07	-4.1785e-06	0.0000e+00
1028	0.0000e+00	0.0000e+00	-1.3448e-04	7.3640e-07	-4.1573e-06	0.0000e+00
1029	0.0000e+00	0.0000e+00	-1.0230e-04	8.2839e-07	-3.9223e-06	0.0000e+00
1030	0.0000e+00	0.0000e+00	-4.9109e-05	2.3805e-08	-1.3358e-06	0.0000e+00
1031	0.0000e+00	0.0000e+00	-4.8662e-05	3.0845e-08	-1.4451e-06	0.0000e+00
1032	0.0000e+00	0.0000e+00	-4.5285e-05	1.6488e-07	-1.5246e-06	0.0000e+00
1033	0.0000e+00	0.0000e+00	-3.4913e-05	3.6885e-07	-1.5041e-06	0.0000e+00
1034	0.0000e+00	0.0000e+00	-1.6678e-05	5.3784e-07	-1.3584e-06	0.0000e+00
1035	0.0000e+00	0.0000e+00	5.5180e-06	5.3957e-07	-1.1321e-06	0.0000e+00
1036	0.0000e+00	0.0000e+00	-2.9500e-05	5.3615e-08	3.7102e-07	0.0000e+00

1037	0.0000e+00	0.0000e+00	-2.6959e-05	8.5489e-08	3.6822e-07	0.0000e+00
1038	0.0000e+00	0.0000e+00	-2.2475e-05	1.5080e-07	3.8486e-07	0.0000e+00
1039	0.0000e+00	0.0000e+00	-1.4848e-05	2.3864e-07	4.8356e-07	0.0000e+00
1040	0.0000e+00	0.0000e+00	-3.7662e-06	3.1528e-07	6.6804e-07	0.0000e+00
1041	0.0000e+00	0.0000e+00	9.4673e-06	3.3643e-07	8.6826e-07	0.0000e+00
1042	0.0000e+00	0.0000e+00	-7.2081e-05	7.6886e-09	1.5180e-06	0.0000e+00
1043	0.0000e+00	0.0000e+00	-7.0469e-05	6.3419e-08	1.5459e-06	0.0000e+00
1044	0.0000e+00	0.0000e+00	-6.7776e-05	6.6256e-08	1.5972e-06	0.0000e+00
1045	0.0000e+00	0.0000e+00	-6.5452e-05	5.4540e-08	1.7381e-06	0.0000e+00
1046	0.0000e+00	0.0000e+00	-6.3100e-05	7.6177e-08	1.9636e-06	0.0000e+00
1047	0.0000e+00	0.0000e+00	-5.8714e-05	1.5735e-07	2.1871e-06	0.0000e+00
1048	0.0000e+00	0.0000e+00	-1.5235e-04	-2.9094e-08	2.0985e-06	0.0000e+00
1049	0.0000e+00	0.0000e+00	-1.5113e-04	5.3011e-08	2.0667e-06	0.0000e+00
1050	0.0000e+00	0.0000e+00	-1.5022e-04	-3.2002e-08	2.0809e-06	0.0000e+00
1051	0.0000e+00	0.0000e+00	-1.5441e-04	-1.7616e-07	2.2356e-06	0.0000e+00
1052	0.0000e+00	0.0000e+00	-1.6310e-04	-2.2837e-07	2.5289e-06	0.0000e+00
1053	0.0000e+00	0.0000e+00	-1.7002e-04	-7.1909e-08	2.8468e-06	0.0000e+00
1054	0.0000e+00	0.0000e+00	-2.4453e-04	4.5893e-08	2.0562e-06	0.0000e+00
1055	0.0000e+00	0.0000e+00	-2.3910e-04	1.5059e-07	1.8659e-06	0.0000e+00
1056	0.0000e+00	0.0000e+00	-2.3696e-04	-8.6801e-08	1.7820e-06	0.0000e+00
1057	0.0000e+00	0.0000e+00	-2.4754e-04	-4.4697e-07	1.9137e-06	0.0000e+00
1058	0.0000e+00	0.0000e+00	-2.7045e-04	-6.5821e-07	2.2778e-06	0.0000e+00
1059	0.0000e+00	0.0000e+00	-2.9434e-04	-4.4656e-07	2.7692e-06	0.0000e+00
1060	0.0000e+00	0.0000e+00	-3.1826e-04	3.5897e-07	1.2217e-06	0.0000e+00
1061	0.0000e+00	0.0000e+00	-3.0064e-04	4.0514e-07	8.2967e-07	0.0000e+00
1062	0.0000e+00	0.0000e+00	-2.9333e-04	-6.7301e-08	6.9705e-07	0.0000e+00
1063	0.0000e+00	0.0000e+00	-3.0816e-04	-6.9009e-07	7.5020e-07	0.0000e+00
1064	0.0000e+00	0.0000e+00	-3.4600e-04	-1.1997e-06	1.0267e-06	0.0000e+00
1065	0.0000e+00	0.0000e+00	-3.9459e-04	-1.0958e-06	1.6905e-06	0.0000e+00
1066	0.0000e+00	0.0000e+00	-3.3022e-04	1.0533e-06	-8.9186e-07	0.0000e+00
1067	0.0000e+00	0.0000e+00	-2.9920e-04	5.6418e-07	-9.9831e-07	0.0000e+00
1068	0.0000e+00	0.0000e+00	-2.8974e-04	-4.6436e-08	-8.7918e-07	0.0000e+00
1069	0.0000e+00	0.0000e+00	-3.0420e-04	-6.9751e-07	-9.5211e-07	0.0000e+00
1070	0.0000e+00	0.0000e+00	-3.4480e-04	-1.4285e-06	-1.2145e-06	0.0000e+00
1071	0.0000e+00	0.0000e+00	-4.1398e-04	-2.1595e-06	-1.1140e-06	0.0000e+00
1072	0.0000e+00	0.0000e+00	-2.0833e-04	-2.0256e-07	-4.0845e-06	0.0000e+00
1073	0.0000e+00	0.0000e+00	-2.1481e-04	-1.3550e-07	-2.6900e-06	0.0000e+00
1074	0.0000e+00	0.0000e+00	-2.2108e-04	-1.8402e-07	-2.1158e-06	0.0000e+00
1075	0.0000e+00	0.0000e+00	-2.3022e-04	-2.7500e-07	-2.2676e-06	0.0000e+00
1076	0.0000e+00	0.0000e+00	-2.4288e-04	-3.5777e-07	-3.2214e-06	0.0000e+00
1077	0.0000e+00	0.0000e+00	-2.5779e-04	-3.8894e-07	-5.1873e-06	0.0000e+00
1078	0.0000e+00	0.0000e+00	4.7966e-05	1.9990e-07	6.7525e-06	0.0000e+00
1079	0.0000e+00	0.0000e+00	7.0742e-05	8.3795e-07	5.3701e-06	0.0000e+00
1080	0.0000e+00	0.0000e+00	9.9508e-05	6.5498e-07	4.3547e-06	0.0000e+00
1081	0.0000e+00	0.0000e+00	1.2216e-04	5.1737e-07	3.3971e-06	0.0000e+00
1082	0.0000e+00	0.0000e+00	1.4088e-04	4.2712e-07	2.7311e-06	0.0000e+00
1083	0.0000e+00	0.0000e+00	1.5608e-04	3.1350e-07	2.3800e-06	0.0000e+00
1084	0.0000e+00	0.0000e+00	1.6511e-04	8.5398e-08	2.3676e-06	0.0000e+00
1085	0.0000e+00	0.0000e+00	1.6143e-04	-3.7269e-07	2.7095e-06	0.0000e+00
1086	0.0000e+00	0.0000e+00	1.3384e-04	-1.2009e-06	3.3686e-06	0.0000e+00
1087	0.0000e+00	0.0000e+00	6.6425e-05	-2.4240e-06	3.6012e-06	0.0000e+00
1088	0.0000e+00	0.0000e+00	1.0796e-05	-1.9251e-07	2.9223e-06	0.0000e+00
1089	0.0000e+00	0.0000e+00	-2.2170e-04	1.0654e-06	6.6069e-06	0.0000e+00
1090	0.0000e+00	0.0000e+00	-1.6659e-04	1.6240e-06	5.5644e-06	0.0000e+00
1091	0.0000e+00	0.0000e+00	-1.0226e-04	1.5716e-06	4.9868e-06	0.0000e+00
1092	0.0000e+00	0.0000e+00	-4.4987e-05	1.3067e-06	4.3142e-06	0.0000e+00
1093	0.0000e+00	0.0000e+00	8.8302e-07	9.9012e-07	3.7284e-06	0.0000e+00
1094	0.0000e+00	0.0000e+00	3.3524e-05	6.2111e-07	3.2747e-06	0.0000e+00
1095	0.0000e+00	0.0000e+00	4.9893e-05	1.4752e-07	2.9505e-06	0.0000e+00
1096	0.0000e+00	0.0000e+00	4.4980e-05	-4.6903e-07	2.6840e-06	0.0000e+00
1097	0.0000e+00	0.0000e+00	1.4493e-05	-1.1223e-06	2.3037e-06	0.0000e+00
1098	0.0000e+00	0.0000e+00	-3.4907e-05	-1.2356e-06	1.4928e-06	0.0000e+00
1099	0.0000e+00	0.0000e+00	-6.3231e-05	-2.3890e-08	8.5371e-07	0.0000e+00
1100	0.0000e+00	0.0000e+00	-5.1078e-04	1.7596e-06	7.5319e-06	0.0000e+00
1101	0.0000e+00	0.0000e+00	-4.3090e-04	2.1874e-06	6.6394e-06	0.0000e+00
1102	0.0000e+00	0.0000e+00	-3.4292e-04	2.1786e-06	6.2086e-06	0.0000e+00
1103	0.0000e+00	0.0000e+00	-2.6053e-04	1.9303e-06	5.6884e-06	0.0000e+00
1104	0.0000e+00	0.0000e+00	-1.9046e-04	1.5661e-06	5.1514e-06	0.0000e+00
1105	0.0000e+00	0.0000e+00	-1.3621e-04	1.1322e-06	4.6154e-06	0.0000e+00
1106	0.0000e+00	0.0000e+00	-1.0032e-04	6.3919e-07	4.0651e-06	0.0000e+00
1107	0.0000e+00	0.0000e+00	-8.4700e-05	1.1960e-07	3.4361e-06	0.0000e+00
1108	0.0000e+00	0.0000e+00	-8.8336e-05	-2.9265e-07	2.6611e-06	0.0000e+00

1109	0.0000e+00	0.0000e+00	-1.0235e-04	-3.3863e-07	1.8274e-06	0.0000e+00
1110	0.0000e+00	0.0000e+00	-1.0805e-04	1.1464e-07	1.3560e-06	0.0000e+00
1111	0.0000e+00	0.0000e+00	-8.6262e-04	2.3396e-06	9.4145e-06	0.0000e+00
1112	0.0000e+00	0.0000e+00	-7.6176e-04	2.6666e-06	8.6321e-06	0.0000e+00
1113	0.0000e+00	0.0000e+00	-6.5428e-04	2.6774e-06	8.2475e-06	0.0000e+00
1114	0.0000e+00	0.0000e+00	-5.5056e-04	2.4857e-06	7.7619e-06	0.0000e+00
1115	0.0000e+00	0.0000e+00	-4.5741e-04	2.1573e-06	7.2307e-06	0.0000e+00
1116	0.0000e+00	0.0000e+00	-3.7910e-04	1.7535e-06	6.6685e-06	0.0000e+00
1117	0.0000e+00	0.0000e+00	-3.1755e-04	1.3302e-06	6.0653e-06	0.0000e+00
1118	0.0000e+00	0.0000e+00	-2.7250e-04	9.4043e-07	5.3785e-06	0.0000e+00
1119	0.0000e+00	0.0000e+00	-2.4170e-04	6.2474e-07	4.5907e-06	0.0000e+00
1120	0.0000e+00	0.0000e+00	-2.2177e-04	3.9377e-07	3.8321e-06	0.0000e+00
1121	0.0000e+00	0.0000e+00	-2.0933e-04	2.4749e-07	3.4319e-06	0.0000e+00
1122	0.0000e+00	0.0000e+00	-1.3167e-03	2.8512e-06	1.2150e-05	0.0000e+00
1123	0.0000e+00	0.0000e+00	-1.1971e-03	3.1014e-06	1.1447e-05	0.0000e+00
1124	0.0000e+00	0.0000e+00	-1.0706e-03	3.1823e-06	1.1018e-05	0.0000e+00
1125	0.0000e+00	0.0000e+00	-9.4490e-04	3.0585e-06	1.0462e-05	0.0000e+00
1126	0.0000e+00	0.0000e+00	-8.2824e-04	2.7506e-06	9.9043e-06	0.0000e+00
1127	0.0000e+00	0.0000e+00	-7.2635e-04	2.3483e-06	9.3906e-06	0.0000e+00
1128	0.0000e+00	0.0000e+00	-6.4101e-04	1.9531e-06	8.9255e-06	0.0000e+00
1129	0.0000e+00	0.0000e+00	-5.7027e-04	1.6438e-06	8.4711e-06	0.0000e+00
1130	0.0000e+00	0.0000e+00	-5.1034e-04	1.4137e-06	7.9599e-06	0.0000e+00
1131	0.0000e+00	0.0000e+00	-4.6079e-04	1.0574e-06	7.3447e-06	0.0000e+00
1132	0.0000e+00	0.0000e+00	-4.3213e-04	3.5927e-07	6.9735e-06	0.0000e+00
1133	0.0000e+00	0.0000e+00	-1.9073e-03	3.3458e-06	1.5635e-05	0.0000e+00
1134	0.0000e+00	0.0000e+00	-1.7676e-03	3.6427e-06	1.4816e-05	0.0000e+00
1135	0.0000e+00	0.0000e+00	-1.6158e-03	3.8826e-06	1.4092e-05	0.0000e+00
1136	0.0000e+00	0.0000e+00	-1.4623e-03	3.7473e-06	1.3335e-05	0.0000e+00
1137	0.0000e+00	0.0000e+00	-1.3207e-03	3.3259e-06	1.2740e-05	0.0000e+00
1138	0.0000e+00	0.0000e+00	-1.1991e-03	2.7740e-06	1.2358e-05	0.0000e+00
1139	0.0000e+00	0.0000e+00	-1.1001e-03	2.2365e-06	1.2214e-05	0.0000e+00
1140	0.0000e+00	0.0000e+00	-1.0204e-03	1.8435e-06	1.2301e-05	0.0000e+00
1141	0.0000e+00	0.0000e+00	-9.5265e-04	1.6921e-06	1.2552e-05	0.0000e+00
1142	0.0000e+00	0.0000e+00	-8.8863e-04	1.6648e-06	1.2623e-05	0.0000e+00
1143	0.0000e+00	0.0000e+00	-8.4733e-04	4.3306e-07	1.2429e-05	0.0000e+00
1144	0.0000e+00	0.0000e+00	-2.4805e-03	4.6223e-06	1.7740e-05	0.0000e+00
1145	0.0000e+00	0.0000e+00	-2.2818e-03	4.7739e-06	1.6374e-05	0.0000e+00
1146	0.0000e+00	0.0000e+00	-2.0909e-03	4.4129e-06	1.5429e-05	0.0000e+00
1147	0.0000e+00	0.0000e+00	-1.9239e-03	3.7235e-06	1.4877e-05	0.0000e+00
1148	0.0000e+00	0.0000e+00	-1.7907e-03	2.8642e-06	1.4727e-05	0.0000e+00
1149	0.0000e+00	0.0000e+00	-1.6948e-03	1.9733e-06	1.5018e-05	0.0000e+00
1150	0.0000e+00	0.0000e+00	-1.6349e-03	1.1734e-06	1.5832e-05	0.0000e+00
1151	0.0000e+00	0.0000e+00	-1.6050e-03	5.7480e-07	1.7310e-05	0.0000e+00
1152	0.0000e+00	0.0000e+00	-1.5946e-03	2.7711e-07	1.9682e-05	0.0000e+00
1153	0.0000e+00	0.0000e+00	6.3617e-05	2.2687e-06	3.4394e-06	0.0000e+00
1154	0.0000e+00	0.0000e+00	1.3234e-04	1.1182e-06	2.8405e-06	0.0000e+00
1155	0.0000e+00	0.0000e+00	1.6389e-04	4.7251e-07	1.9446e-06	0.0000e+00
1156	0.0000e+00	0.0000e+00	1.7651e-04	1.7313e-07	1.3707e-06	0.0000e+00
1157	0.0000e+00	0.0000e+00	1.8067e-04	3.8396e-08	1.1110e-06	0.0000e+00
1158	0.0000e+00	0.0000e+00	1.8001e-04	-8.1865e-08	1.1458e-06	0.0000e+00
1159	0.0000e+00	0.0000e+00	1.7221e-04	-3.2700e-07	1.4792e-06	0.0000e+00
1160	0.0000e+00	0.0000e+00	1.4888e-04	-8.5223e-07	2.1142e-06	0.0000e+00
1161	0.0000e+00	0.0000e+00	9.4698e-05	-1.8153e-06	2.6079e-06	0.0000e+00
1162	0.0000e+00	0.0000e+00	4.3035e-05	-2.5594e-07	2.1852e-06	0.0000e+00
1163	0.0000e+00	0.0000e+00	-3.0116e-05	1.3863e-06	1.2969e-06	0.0000e+00
1164	0.0000e+00	0.0000e+00	3.2713e-05	1.3456e-06	1.9084e-06	0.0000e+00
1165	0.0000e+00	0.0000e+00	7.9759e-05	8.5177e-07	1.9599e-06	0.0000e+00
1166	0.0000e+00	0.0000e+00	1.0700e-04	4.4026e-07	1.8439e-06	0.0000e+00
1167	0.0000e+00	0.0000e+00	1.1923e-04	1.3559e-07	1.7286e-06	0.0000e+00
1168	0.0000e+00	0.0000e+00	1.1898e-04	-1.6168e-07	1.6740e-06	0.0000e+00
1169	0.0000e+00	0.0000e+00	1.0431e-04	-5.4963e-07	1.6643e-06	0.0000e+00
1170	0.0000e+00	0.0000e+00	7.0760e-05	-1.0268e-06	1.5890e-06	0.0000e+00
1171	0.0000e+00	0.0000e+00	1.9902e-05	-1.2030e-06	1.1423e-06	0.0000e+00
1172	0.0000e+00	0.0000e+00	-1.5551e-05	-2.9232e-07	7.7680e-07	0.0000e+00
1173	0.0000e+00	0.0000e+00	-8.8779e-05	7.1994e-07	1.6190e-06	0.0000e+00
1174	0.0000e+00	0.0000e+00	-5.2291e-05	8.7248e-07	2.2427e-06	0.0000e+00
1175	0.0000e+00	0.0000e+00	-1.7229e-05	7.0939e-07	2.6562e-06	0.0000e+00
1176	0.0000e+00	0.0000e+00	8.4619e-06	4.6645e-07	2.7932e-06	0.0000e+00
1177	0.0000e+00	0.0000e+00	2.3547e-05	2.2016e-07	2.7560e-06	0.0000e+00
1178	0.0000e+00	0.0000e+00	2.7599e-05	-4.8046e-08	2.6154e-06	0.0000e+00
1179	0.0000e+00	0.0000e+00	1.9083e-05	-3.5746e-07	2.3704e-06	0.0000e+00
1180	0.0000e+00	0.0000e+00	-2.9025e-06	-6.4247e-07	1.9739e-06	0.0000e+00

1181	0.0000e+00	0.0000e+00	-3.3308e-05	-6.9030e-07	1.4692e-06	0.0000e+00
1182	0.0000e+00	0.0000e+00	-5.6644e-05	-3.2460e-07	1.2286e-06	0.0000e+00
1183	0.0000e+00	0.0000e+00	-1.9899e-04	2.3961e-07	3.6203e-06	0.0000e+00
1184	0.0000e+00	0.0000e+00	-1.8582e-04	3.4950e-07	4.1118e-06	0.0000e+00
1185	0.0000e+00	0.0000e+00	-1.6787e-04	4.3574e-07	4.4562e-06	0.0000e+00
1186	0.0000e+00	0.0000e+00	-1.4820e-04	4.2905e-07	4.5524e-06	0.0000e+00
1187	0.0000e+00	0.0000e+00	-1.3094e-04	3.3545e-07	4.4659e-06	0.0000e+00
1188	0.0000e+00	0.0000e+00	-1.1929e-04	1.8349e-07	4.2589e-06	0.0000e+00
1189	0.0000e+00	0.0000e+00	-1.1511e-04	6.3466e-09	3.9415e-06	0.0000e+00
1190	0.0000e+00	0.0000e+00	-1.1870e-04	-1.6000e-07	3.5074e-06	0.0000e+00
1191	0.0000e+00	0.0000e+00	-1.2887e-04	-2.9009e-07	3.0533e-06	0.0000e+00
1192	0.0000e+00	0.0000e+00	-1.4362e-04	-3.6531e-07	2.8780e-06	0.0000e+00
1193	0.0000e+00	0.0000e+00	-4.2901e-04	-1.4242e-07	7.1565e-06	0.0000e+00
1194	0.0000e+00	0.0000e+00	-4.3155e-04	4.5693e-08	7.3985e-06	0.0000e+00
1195	0.0000e+00	0.0000e+00	-4.2081e-04	3.7053e-07	7.3344e-06	0.0000e+00
1196	0.0000e+00	0.0000e+00	-3.9941e-04	5.3491e-07	7.1171e-06	0.0000e+00
1197	0.0000e+00	0.0000e+00	-3.7508e-04	5.3247e-07	6.8584e-06	0.0000e+00
1198	0.0000e+00	0.0000e+00	-3.5351e-04	4.3936e-07	6.6122e-06	0.0000e+00
1199	0.0000e+00	0.0000e+00	-3.3690e-04	3.3412e-07	6.3796e-06	0.0000e+00
1200	0.0000e+00	0.0000e+00	-3.2480e-04	2.4506e-07	6.1207e-06	0.0000e+00
1201	0.0000e+00	0.0000e+00	-3.1806e-04	4.8269e-08	5.7856e-06	0.0000e+00
1202	0.0000e+00	0.0000e+00	-3.2656e-04	-4.4271e-07	5.6596e-06	0.0000e+00
1203	0.0000e+00	0.0000e+00	-8.4921e-04	-3.4935e-07	1.2481e-05	0.0000e+00
1204	0.0000e+00	0.0000e+00	-8.4512e-04	3.9070e-07	1.1775e-05	0.0000e+00
1205	0.0000e+00	0.0000e+00	-8.1497e-04	8.5430e-07	1.0851e-05	0.0000e+00
1206	0.0000e+00	0.0000e+00	-7.7319e-04	9.6856e-07	1.0100e-05	0.0000e+00
1207	0.0000e+00	0.0000e+00	-7.3245e-04	8.4882e-07	9.5954e-06	0.0000e+00
1208	0.0000e+00	0.0000e+00	-7.0012e-04	6.2246e-07	9.3523e-06	0.0000e+00
1209	0.0000e+00	0.0000e+00	-6.7826e-04	4.0899e-07	9.3671e-06	0.0000e+00
1210	0.0000e+00	0.0000e+00	-6.6419e-04	3.0882e-07	9.6011e-06	0.0000e+00
1211	0.0000e+00	0.0000e+00	-6.5298e-04	3.0170e-07	9.8241e-06	0.0000e+00
1212	0.0000e+00	0.0000e+00	-6.5922e-04	-6.0379e-07	9.8551e-06	0.0000e+00
1213	0.0000e+00	0.0000e+00	-1.5375e-03	1.4372e-06	1.8967e-05	0.0000e+00
1214	0.0000e+00	0.0000e+00	-1.4527e-03	1.9520e-06	1.6006e-05	0.0000e+00
1215	0.0000e+00	0.0000e+00	-1.3584e-03	2.0000e-06	1.4008e-05	0.0000e+00
1216	0.0000e+00	0.0000e+00	-1.2716e-03	1.7190e-06	1.2711e-05	0.0000e+00
1217	0.0000e+00	0.0000e+00	-1.2040e-03	1.2279e-06	1.1989e-05	0.0000e+00
1218	0.0000e+00	0.0000e+00	-1.1621e-03	6.3320e-07	1.1798e-05	0.0000e+00
1219	0.0000e+00	0.0000e+00	-1.1484e-03	3.2503e-08	1.2152e-05	0.0000e+00
1220	0.0000e+00	0.0000e+00	-1.1609e-03	-4.8369e-07	1.3135e-05	0.0000e+00
1221	0.0000e+00	0.0000e+00	-1.1939e-03	-8.3171e-07	1.4940e-05	0.0000e+00
1222	0.0000e+00	0.0000e+00	1.1435e-05	-4.2065e-07	1.9007e-06	0.0000e+00
1223	0.0000e+00	0.0000e+00	2.7091e-05	9.7679e-07	2.0674e-06	0.0000e+00
1224	0.0000e+00	0.0000e+00	5.6182e-05	4.7504e-07	1.7033e-06	0.0000e+00
1225	0.0000e+00	0.0000e+00	6.9351e-05	1.9928e-07	1.1747e-06	0.0000e+00
1226	0.0000e+00	0.0000e+00	7.4737e-05	7.7684e-08	8.0049e-07	0.0000e+00
1227	0.0000e+00	0.0000e+00	7.6798e-05	2.4299e-08	5.7449e-07	0.0000e+00
1228	0.0000e+00	0.0000e+00	7.6897e-05	-2.7180e-08	4.8214e-07	0.0000e+00
1229	0.0000e+00	0.0000e+00	7.3887e-05	-1.3181e-07	5.1893e-07	0.0000e+00
1230	0.0000e+00	0.0000e+00	6.4330e-05	-3.4689e-07	6.8140e-07	0.0000e+00
1231	0.0000e+00	0.0000e+00	4.2176e-05	-7.3549e-07	8.1998e-07	0.0000e+00
1232	0.0000e+00	0.0000e+00	1.6713e-05	-3.0844e-07	5.8232e-07	0.0000e+00
1233	0.0000e+00	0.0000e+00	-4.6106e-05	-2.2813e-07	9.4510e-07	0.0000e+00
1234	0.0000e+00	0.0000e+00	-3.6651e-05	5.8959e-07	1.0908e-06	0.0000e+00
1235	0.0000e+00	0.0000e+00	-7.5821e-06	6.6258e-07	1.3250e-06	0.0000e+00
1236	0.0000e+00	0.0000e+00	1.7008e-05	4.7850e-07	1.2576e-06	0.0000e+00
1237	0.0000e+00	0.0000e+00	3.3923e-05	3.1143e-07	1.0897e-06	0.0000e+00
1238	0.0000e+00	0.0000e+00	4.4633e-05	1.8073e-07	9.1385e-07	0.0000e+00
1239	0.0000e+00	0.0000e+00	4.9827e-05	4.6014e-08	7.6893e-07	0.0000e+00
1240	0.0000e+00	0.0000e+00	4.8405e-05	-1.3133e-07	6.5925e-07	0.0000e+00
1241	0.0000e+00	0.0000e+00	3.8268e-05	-3.5240e-07	5.5050e-07	0.0000e+00
1242	0.0000e+00	0.0000e+00	1.9458e-05	-4.7919e-07	3.3177e-07	0.0000e+00
1243	0.0000e+00	0.0000e+00	3.0581e-06	-2.2180e-07	1.2715e-07	0.0000e+00
1244	0.0000e+00	0.0000e+00	-9.5081e-05	-8.9207e-08	1.4014e-06	0.0000e+00
1245	0.0000e+00	0.0000e+00	-8.9247e-05	3.3361e-07	1.4532e-06	0.0000e+00
1246	0.0000e+00	0.0000e+00	-6.9486e-05	5.2416e-07	1.6567e-06	0.0000e+00
1247	0.0000e+00	0.0000e+00	-4.5988e-05	5.2809e-07	1.7261e-06	0.0000e+00
1248	0.0000e+00	0.0000e+00	-2.4152e-05	4.5839e-07	1.6371e-06	0.0000e+00
1249	0.0000e+00	0.0000e+00	-6.0174e-06	3.5732e-07	1.4553e-06	0.0000e+00
1250	0.0000e+00	0.0000e+00	7.0402e-06	2.2277e-07	1.2332e-06	0.0000e+00
1251	0.0000e+00	0.0000e+00	1.3403e-05	5.1198e-08	9.8982e-07	0.0000e+00
1252	0.0000e+00	0.0000e+00	1.1888e-05	-1.2725e-07	7.1983e-07	0.0000e+00



1253	0.0000e+00	0.0000e+00	3.8929e-06	-2.2189e-07	4.3781e-07	0.0000e+00
1254	0.0000e+00	0.0000e+00	-4.5357e-06	-1.4121e-07	2.5647e-07	0.0000e+00
1255	0.0000e+00	0.0000e+00	-1.8416e-04	4.9769e-08	2.7848e-06	0.0000e+00
1256	0.0000e+00	0.0000e+00	-1.7853e-04	2.0938e-07	2.7570e-06	0.0000e+00
1257	0.0000e+00	0.0000e+00	-1.6440e-04	4.1698e-07	2.8286e-06	0.0000e+00
1258	0.0000e+00	0.0000e+00	-1.4194e-04	5.7411e-07	2.7864e-06	0.0000e+00
1259	0.0000e+00	0.0000e+00	-1.1468e-04	6.3548e-07	2.5979e-06	0.0000e+00
1260	0.0000e+00	0.0000e+00	-8.6826e-05	6.0631e-07	2.3146e-06	0.0000e+00
1261	0.0000e+00	0.0000e+00	-6.1932e-05	5.0652e-07	1.9856e-06	0.0000e+00
1262	0.0000e+00	0.0000e+00	-4.2622e-05	3.5803e-07	1.6353e-06	0.0000e+00
1263	0.0000e+00	0.0000e+00	-3.0457e-05	1.8837e-07	1.2776e-06	0.0000e+00
1264	0.0000e+00	0.0000e+00	-2.5557e-05	3.5723e-08	9.5541e-07	0.0000e+00
1265	0.0000e+00	0.0000e+00	-2.6085e-05	-4.9075e-08	7.6458e-07	0.0000e+00
1266	0.0000e+00	0.0000e+00	-3.5178e-04	2.3494e-07	5.0234e-06	0.0000e+00
1267	0.0000e+00	0.0000e+00	-3.4269e-04	2.0653e-07	4.9086e-06	0.0000e+00
1268	0.0000e+00	0.0000e+00	-3.2679e-04	5.0780e-07	4.7539e-06	0.0000e+00
1269	0.0000e+00	0.0000e+00	-2.9642e-04	8.1620e-07	4.4005e-06	0.0000e+00
1270	0.0000e+00	0.0000e+00	-2.5586e-04	9.7436e-07	3.9522e-06	0.0000e+00
1271	0.0000e+00	0.0000e+00	-2.1192e-04	9.8582e-07	3.4810e-06	0.0000e+00
1272	0.0000e+00	0.0000e+00	-1.7006e-04	8.9457e-07	3.0257e-06	0.0000e+00
1273	0.0000e+00	0.0000e+00	-1.3381e-04	7.4273e-07	2.6002e-06	0.0000e+00
1274	0.0000e+00	0.0000e+00	-1.0517e-04	5.5514e-07	2.2051e-06	0.0000e+00
1275	0.0000e+00	0.0000e+00	-8.5618e-05	3.2299e-07	1.8459e-06	0.0000e+00
1276	0.0000e+00	0.0000e+00	-7.7358e-05	5.8648e-08	1.6306e-06	0.0000e+00
1277	0.0000e+00	0.0000e+00	-6.3720e-04	5.0474e-07	8.2637e-06	0.0000e+00
1278	0.0000e+00	0.0000e+00	-6.1916e-04	4.1127e-07	7.9690e-06	0.0000e+00
1279	0.0000e+00	0.0000e+00	-5.8513e-04	1.0481e-06	7.2008e-06	0.0000e+00
1280	0.0000e+00	0.0000e+00	-5.2858e-04	1.4458e-06	6.3007e-06	0.0000e+00
1281	0.0000e+00	0.0000e+00	-4.6083e-04	1.5837e-06	5.4830e-06	0.0000e+00
1282	0.0000e+00	0.0000e+00	-3.9158e-04	1.5348e-06	4.7867e-06	0.0000e+00
1283	0.0000e+00	0.0000e+00	-3.2741e-04	1.3699e-06	4.2184e-06	0.0000e+00
1284	0.0000e+00	0.0000e+00	-2.7209e-04	1.1468e-06	3.7760e-06	0.0000e+00
1285	0.0000e+00	0.0000e+00	-2.2724e-04	9.0860e-07	3.4473e-06	0.0000e+00
1286	0.0000e+00	0.0000e+00	-1.9335e-04	6.5929e-07	3.1707e-06	0.0000e+00
1287	0.0000e+00	0.0000e+00	-1.7553e-04	1.7432e-07	2.9538e-06	0.0000e+00
1288	0.0000e+00	0.0000e+00	-1.0437e-03	1.7114e-06	1.1415e-05	0.0000e+00
1289	0.0000e+00	0.0000e+00	-9.4871e-04	2.2608e-06	9.4161e-06	0.0000e+00
1290	0.0000e+00	0.0000e+00	-8.3940e-04	2.4594e-06	7.9133e-06	0.0000e+00
1291	0.0000e+00	0.0000e+00	-7.2852e-04	2.4073e-06	6.7651e-06	0.0000e+00
1292	0.0000e+00	0.0000e+00	-6.2502e-04	2.1830e-06	5.8985e-06	0.0000e+00
1293	0.0000e+00	0.0000e+00	-5.3484e-04	1.8489e-06	5.2792e-06	0.0000e+00
1294	0.0000e+00	0.0000e+00	-4.6150e-04	1.4534e-06	4.8990e-06	0.0000e+00
1295	0.0000e+00	0.0000e+00	-4.0670e-04	1.0318e-06	4.7769e-06	0.0000e+00
1296	0.0000e+00	0.0000e+00	-3.7080e-04	6.0492e-07	4.9711e-06	0.0000e+00
1297	0.0000e+00	0.0000e+00	-1.6714e-05	-3.0843e-07	-5.8238e-07	0.0000e+00
1298	0.0000e+00	0.0000e+00	-4.2178e-05	-7.3549e-07	-8.2004e-07	0.0000e+00
1299	0.0000e+00	0.0000e+00	-6.4331e-05	-3.4688e-07	-6.8147e-07	0.0000e+00
1300	0.0000e+00	0.0000e+00	-7.3887e-05	-1.3179e-07	-5.1900e-07	0.0000e+00
1301	0.0000e+00	0.0000e+00	-7.6896e-05	-2.7144e-08	-4.8221e-07	0.0000e+00
1302	0.0000e+00	0.0000e+00	-7.6796e-05	2.4349e-08	-5.7457e-07	0.0000e+00
1303	0.0000e+00	0.0000e+00	-7.4732e-05	7.7749e-08	-8.0058e-07	0.0000e+00
1304	0.0000e+00	0.0000e+00	-6.9343e-05	1.9936e-07	-1.1748e-06	0.0000e+00
1305	0.0000e+00	0.0000e+00	-5.6169e-05	4.7513e-07	-1.7034e-06	0.0000e+00
1306	0.0000e+00	0.0000e+00	-2.7075e-05	9.7689e-07	-2.0675e-06	0.0000e+00
1307	0.0000e+00	0.0000e+00	-1.1415e-05	-4.2056e-07	-1.9008e-06	0.0000e+00
1308	0.0000e+00	0.0000e+00	-3.0558e-06	-2.2179e-07	-1.2726e-07	0.0000e+00
1309	0.0000e+00	0.0000e+00	-1.9456e-05	-4.7918e-07	-3.3188e-07	0.0000e+00
1310	0.0000e+00	0.0000e+00	-3.8265e-05	-3.5239e-07	-5.5061e-07	0.0000e+00
1311	0.0000e+00	0.0000e+00	-4.8401e-05	-1.3131e-07	-6.5936e-07	0.0000e+00
1312	0.0000e+00	0.0000e+00	-4.9822e-05	4.6054e-08	-7.6904e-07	0.0000e+00
1313	0.0000e+00	0.0000e+00	-4.4626e-05	1.8079e-07	-9.1397e-07	0.0000e+00
1314	0.0000e+00	0.0000e+00	-3.3913e-05	3.1150e-07	-1.0899e-06	0.0000e+00
1315	0.0000e+00	0.0000e+00	-1.6994e-05	4.7859e-07	-1.2577e-06	0.0000e+00
1316	0.0000e+00	0.0000e+00	7.6004e-06	6.6268e-07	-1.3252e-06	0.0000e+00
1317	0.0000e+00	0.0000e+00	3.6673e-05	5.8969e-07	-1.0910e-06	0.0000e+00
1318	0.0000e+00	0.0000e+00	4.6133e-05	-2.2804e-07	-9.4528e-07	0.0000e+00
1319	0.0000e+00	0.0000e+00	4.5435e-06	-1.4120e-07	-2.5662e-07	0.0000e+00
1320	0.0000e+00	0.0000e+00	-3.8848e-06	-2.2189e-07	-4.3796e-07	0.0000e+00
1321	0.0000e+00	0.0000e+00	-1.1879e-05	-1.2723e-07	-7.1999e-07	0.0000e+00
1322	0.0000e+00	0.0000e+00	-1.3393e-05	5.1228e-08	-9.8998e-07	0.0000e+00
1323	0.0000e+00	0.0000e+00	-7.0289e-06	2.2282e-07	-1.2334e-06	0.0000e+00
1324	0.0000e+00	0.0000e+00	6.0313e-06	3.5739e-07	-1.4555e-06	0.0000e+00

1325	0.0000e+00	0.0000e+00	2.4169e-05	4.5848e-07	-1.6373e-06	0.0000e+00
1326	0.0000e+00	0.0000e+00	4.6010e-05	5.2819e-07	-1.7263e-06	0.0000e+00
1327	0.0000e+00	0.0000e+00	6.9513e-05	5.2427e-07	-1.6569e-06	0.0000e+00
1328	0.0000e+00	0.0000e+00	8.9278e-05	3.3372e-07	-1.4535e-06	0.0000e+00
1329	0.0000e+00	0.0000e+00	9.5117e-05	-8.9113e-08	-1.4016e-06	0.0000e+00
1330	0.0000e+00	0.0000e+00	2.6101e-05	-4.9066e-08	-7.6479e-07	0.0000e+00
1331	0.0000e+00	0.0000e+00	2.5573e-05	3.5733e-08	-9.5562e-07	0.0000e+00
1332	0.0000e+00	0.0000e+00	3.0473e-05	1.8839e-07	-1.2778e-06	0.0000e+00
1333	0.0000e+00	0.0000e+00	4.2639e-05	3.5807e-07	-1.6356e-06	0.0000e+00
1334	0.0000e+00	0.0000e+00	6.1952e-05	5.0657e-07	-1.9859e-06	0.0000e+00
1335	0.0000e+00	0.0000e+00	8.6849e-05	6.0639e-07	-2.3148e-06	0.0000e+00
1336	0.0000e+00	0.0000e+00	1.1470e-04	6.3558e-07	-2.5982e-06	0.0000e+00
1337	0.0000e+00	0.0000e+00	1.4197e-04	5.7423e-07	-2.7866e-06	0.0000e+00
1338	0.0000e+00	0.0000e+00	1.6444e-04	4.1711e-07	-2.8289e-06	0.0000e+00
1339	0.0000e+00	0.0000e+00	1.7857e-04	2.0950e-07	-2.7573e-06	0.0000e+00
1340	0.0000e+00	0.0000e+00	1.8421e-04	4.9856e-08	-2.7851e-06	0.0000e+00
1341	0.0000e+00	0.0000e+00	7.7384e-05	5.8660e-08	-1.6309e-06	0.0000e+00
1342	0.0000e+00	0.0000e+00	8.5644e-05	3.2300e-07	-1.8462e-06	0.0000e+00
1343	0.0000e+00	0.0000e+00	1.0520e-04	5.5515e-07	-2.2054e-06	0.0000e+00
1344	0.0000e+00	0.0000e+00	1.3384e-04	7.4277e-07	-2.6005e-06	0.0000e+00
1345	0.0000e+00	0.0000e+00	1.7009e-04	8.9464e-07	-3.0259e-06	0.0000e+00
1346	0.0000e+00	0.0000e+00	2.1195e-04	9.8592e-07	-3.4813e-06	0.0000e+00
1347	0.0000e+00	0.0000e+00	2.5590e-04	9.7449e-07	-3.9525e-06	0.0000e+00
1348	0.0000e+00	0.0000e+00	2.9646e-04	8.1634e-07	-4.4008e-06	0.0000e+00
1349	0.0000e+00	0.0000e+00	3.2684e-04	5.0794e-07	-4.7543e-06	0.0000e+00
1350	0.0000e+00	0.0000e+00	3.4275e-04	2.0665e-07	-4.9090e-06	0.0000e+00
1351	0.0000e+00	0.0000e+00	3.5184e-04	2.3502e-07	-5.0238e-06	0.0000e+00
1352	0.0000e+00	0.0000e+00	1.7557e-04	1.7433e-07	-2.9541e-06	0.0000e+00
1353	0.0000e+00	0.0000e+00	1.9339e-04	6.5929e-07	-3.1710e-06	0.0000e+00
1354	0.0000e+00	0.0000e+00	2.2728e-04	9.0861e-07	-3.4476e-06	0.0000e+00
1355	0.0000e+00	0.0000e+00	2.7213e-04	1.1469e-06	-3.7763e-06	0.0000e+00
1356	0.0000e+00	0.0000e+00	3.2745e-04	1.3699e-06	-4.2187e-06	0.0000e+00
1357	0.0000e+00	0.0000e+00	3.9163e-04	1.5349e-06	-4.7870e-06	0.0000e+00
1358	0.0000e+00	0.0000e+00	4.6088e-04	1.5838e-06	-5.4833e-06	0.0000e+00
1359	0.0000e+00	0.0000e+00	5.2864e-04	1.4460e-06	-6.3011e-06	0.0000e+00
1360	0.0000e+00	0.0000e+00	5.8520e-04	1.0482e-06	-7.2011e-06	0.0000e+00
1361	0.0000e+00	0.0000e+00	6.1923e-04	4.1139e-07	-7.9694e-06	0.0000e+00
1362	0.0000e+00	0.0000e+00	6.3728e-04	5.0479e-07	-8.2640e-06	0.0000e+00
1363	0.0000e+00	0.0000e+00	3.7085e-04	6.0493e-07	-4.9714e-06	0.0000e+00
1364	0.0000e+00	0.0000e+00	4.0676e-04	1.0318e-06	-4.7772e-06	0.0000e+00
1365	0.0000e+00	0.0000e+00	4.6155e-04	1.4534e-06	-4.8993e-06	0.0000e+00
1366	0.0000e+00	0.0000e+00	5.3490e-04	1.8490e-06	-5.2795e-06	0.0000e+00
1367	0.0000e+00	0.0000e+00	6.2508e-04	2.1831e-06	-5.8988e-06	0.0000e+00
1368	0.0000e+00	0.0000e+00	7.2859e-04	2.4074e-06	-6.7654e-06	0.0000e+00
1369	0.0000e+00	0.0000e+00	8.3948e-04	2.4596e-06	-7.9136e-06	0.0000e+00
1370	0.0000e+00	0.0000e+00	9.4879e-04	2.2609e-06	-9.4164e-06	0.0000e+00
1371	0.0000e+00	0.0000e+00	1.0437e-03	1.7115e-06	-1.1416e-05	0.0000e+00
1372	0.0000e+00	0.0000e+00	-4.3005e-05	-2.5604e-07	-2.1851e-06	0.0000e+00
1373	0.0000e+00	0.0000e+00	-9.4675e-05	-1.8155e-06	-2.6078e-06	0.0000e+00
1374	0.0000e+00	0.0000e+00	-1.4887e-04	-8.5252e-07	-2.1139e-06	0.0000e+00
1375	0.0000e+00	0.0000e+00	-1.7221e-04	-3.2741e-07	-1.4788e-06	0.0000e+00
1376	0.0000e+00	0.0000e+00	-1.8004e-04	-8.2393e-08	-1.1451e-06	0.0000e+00
1377	0.0000e+00	0.0000e+00	-1.8072e-04	3.7763e-08	-1.1102e-06	0.0000e+00
1378	0.0000e+00	0.0000e+00	-1.7659e-04	1.7243e-07	-1.3697e-06	0.0000e+00
1379	0.0000e+00	0.0000e+00	-1.6400e-04	4.7180e-07	-1.9435e-06	0.0000e+00
1380	0.0000e+00	0.0000e+00	-1.3248e-04	1.1176e-06	-2.8393e-06	0.0000e+00
1381	0.0000e+00	0.0000e+00	-6.3781e-05	2.2682e-06	-3.4381e-06	0.0000e+00
1382	0.0000e+00	0.0000e+00	-1.0974e-05	-1.9267e-07	-2.9211e-06	0.0000e+00
1383	0.0000e+00	0.0000e+00	1.5576e-05	-2.9253e-07	-7.7667e-07	0.0000e+00
1384	0.0000e+00	0.0000e+00	-1.9889e-05	-1.2034e-06	-1.1420e-06	0.0000e+00
1385	0.0000e+00	0.0000e+00	-7.0764e-05	-1.0273e-06	-1.5885e-06	0.0000e+00
1386	0.0000e+00	0.0000e+00	-1.0434e-04	-5.5024e-07	-1.6637e-06	0.0000e+00
1387	0.0000e+00	0.0000e+00	-1.1904e-04	-1.6242e-07	-1.6731e-06	0.0000e+00
1388	0.0000e+00	0.0000e+00	-1.1933e-04	1.3475e-07	-1.7274e-06	0.0000e+00
1389	0.0000e+00	0.0000e+00	-1.0713e-04	4.3936e-07	-1.8425e-06	0.0000e+00
1390	0.0000e+00	0.0000e+00	-7.9929e-05	8.5091e-07	-1.9583e-06	0.0000e+00
1391	0.0000e+00	0.0000e+00	-3.2918e-05	1.3449e-06	-1.9067e-06	0.0000e+00
1392	0.0000e+00	0.0000e+00	2.9886e-05	1.3859e-06	-1.2951e-06	0.0000e+00
1393	0.0000e+00	0.0000e+00	6.2992e-05	-2.3873e-08	-8.5204e-07	0.0000e+00
1394	0.0000e+00	0.0000e+00	5.6662e-05	-3.2496e-07	-1.2284e-06	0.0000e+00
1395	0.0000e+00	0.0000e+00	3.3306e-05	-6.9082e-07	-1.4688e-06	0.0000e+00
1396	0.0000e+00	0.0000e+00	2.8744e-06	-6.4315e-07	-1.9733e-06	0.0000e+00

1397	0.0000e+00	0.0000e+00	-1.9145e-05	-3.5832e-07	-2.3694e-06	0.0000e+00
1398	0.0000e+00	0.0000e+00	-2.7702e-05	-4.9061e-08	-2.6142e-06	0.0000e+00
1399	0.0000e+00	0.0000e+00	-2.3698e-05	2.1903e-07	-2.7544e-06	0.0000e+00
1400	0.0000e+00	0.0000e+00	-8.6638e-06	4.6529e-07	-2.7913e-06	0.0000e+00
1401	0.0000e+00	0.0000e+00	1.6978e-05	7.0831e-07	-2.6540e-06	0.0000e+00
1402	0.0000e+00	0.0000e+00	5.1997e-05	8.7167e-07	-2.2403e-06	0.0000e+00
1403	0.0000e+00	0.0000e+00	8.8458e-05	7.1957e-07	-1.6165e-06	0.0000e+00
1404	0.0000e+00	0.0000e+00	1.0772e-04	1.1490e-07	-1.3537e-06	0.0000e+00
1405	0.0000e+00	0.0000e+00	1.4363e-04	-3.6585e-07	-2.8777e-06	0.0000e+00
1406	0.0000e+00	0.0000e+00	1.2885e-04	-2.9084e-07	-3.0528e-06	0.0000e+00
1407	0.0000e+00	0.0000e+00	1.1864e-04	-1.6097e-07	-3.5066e-06	0.0000e+00
1408	0.0000e+00	0.0000e+00	1.1501e-04	5.1687e-09	-3.9403e-06	0.0000e+00
1409	0.0000e+00	0.0000e+00	1.1913e-04	1.8213e-07	-4.2574e-06	0.0000e+00
1410	0.0000e+00	0.0000e+00	1.3071e-04	3.3397e-07	-4.4639e-06	0.0000e+00
1411	0.0000e+00	0.0000e+00	1.4790e-04	4.2755e-07	-4.5501e-06	0.0000e+00
1412	0.0000e+00	0.0000e+00	1.6751e-04	4.3438e-07	-4.4536e-06	0.0000e+00
1413	0.0000e+00	0.0000e+00	1.8541e-04	3.4851e-07	-4.1089e-06	0.0000e+00
1414	0.0000e+00	0.0000e+00	1.9855e-04	2.3927e-07	-3.6173e-06	0.0000e+00
1415	0.0000e+00	0.0000e+00	2.0890e-04	2.4807e-07	-3.4290e-06	0.0000e+00
1416	0.0000e+00	0.0000e+00	3.2655e-04	-4.4348e-07	-5.6592e-06	0.0000e+00
1417	0.0000e+00	0.0000e+00	3.1801e-04	4.7235e-08	-5.7849e-06	0.0000e+00
1418	0.0000e+00	0.0000e+00	3.2470e-04	2.4376e-07	-6.1197e-06	0.0000e+00
1419	0.0000e+00	0.0000e+00	3.3674e-04	3.3257e-07	-6.3783e-06	0.0000e+00
1420	0.0000e+00	0.0000e+00	3.5328e-04	4.3760e-07	-6.6104e-06	0.0000e+00
1421	0.0000e+00	0.0000e+00	3.7476e-04	5.3058e-07	-6.8562e-06	0.0000e+00
1422	0.0000e+00	0.0000e+00	3.9901e-04	5.3302e-07	-7.1145e-06	0.0000e+00
1423	0.0000e+00	0.0000e+00	4.2033e-04	3.6884e-07	-7.3314e-06	0.0000e+00
1424	0.0000e+00	0.0000e+00	4.3101e-04	4.4488e-08	-7.3952e-06	0.0000e+00
1425	0.0000e+00	0.0000e+00	4.2843e-04	-1.4275e-07	-7.1530e-06	0.0000e+00
1426	0.0000e+00	0.0000e+00	4.3156e-04	3.6021e-07	-6.9702e-06	0.0000e+00
1427	0.0000e+00	0.0000e+00	6.5919e-04	-6.0481e-07	-9.8546e-06	0.0000e+00
1428	0.0000e+00	0.0000e+00	6.5291e-04	3.0034e-07	-9.8233e-06	0.0000e+00
1429	0.0000e+00	0.0000e+00	6.6404e-04	3.0715e-07	-9.6000e-06	0.0000e+00
1430	0.0000e+00	0.0000e+00	6.7804e-04	4.0704e-07	-9.3657e-06	0.0000e+00
1431	0.0000e+00	0.0000e+00	6.9981e-04	6.2028e-07	-9.3504e-06	0.0000e+00
1432	0.0000e+00	0.0000e+00	7.3204e-04	8.4651e-07	-9.5931e-06	0.0000e+00
1433	0.0000e+00	0.0000e+00	7.7268e-04	9.6627e-07	-1.0098e-05	0.0000e+00
1434	0.0000e+00	0.0000e+00	8.1436e-04	8.5226e-07	-1.0848e-05	0.0000e+00
1435	0.0000e+00	0.0000e+00	8.4444e-04	3.8924e-07	-1.1772e-05	0.0000e+00
1436	0.0000e+00	0.0000e+00	8.4848e-04	-3.4977e-07	-1.2478e-05	0.0000e+00
1437	0.0000e+00	0.0000e+00	8.4662e-04	4.3441e-07	-1.2425e-05	0.0000e+00
1438	0.0000e+00	0.0000e+00	1.1938e-03	-8.3336e-07	-1.4939e-05	0.0000e+00
1439	0.0000e+00	0.0000e+00	1.1607e-03	-4.8569e-07	-1.3134e-05	0.0000e+00
1440	0.0000e+00	0.0000e+00	1.1481e-03	3.0216e-08	-1.2151e-05	0.0000e+00
1441	0.0000e+00	0.0000e+00	1.1617e-03	6.3070e-07	-1.1796e-05	0.0000e+00
1442	0.0000e+00	0.0000e+00	1.2035e-03	1.2253e-06	-1.1987e-05	0.0000e+00
1443	0.0000e+00	0.0000e+00	1.2710e-03	1.7165e-06	-1.2708e-05	0.0000e+00
1444	0.0000e+00	0.0000e+00	1.3577e-03	1.9979e-06	-1.4006e-05	0.0000e+00
1445	0.0000e+00	0.0000e+00	1.4519e-03	1.9506e-06	-1.6004e-05	0.0000e+00
1446	0.0000e+00	0.0000e+00	1.5366e-03	1.4371e-06	-1.8964e-05	0.0000e+00
1447	0.0000e+00	0.0000e+00	-6.6603e-05	-2.4238e-06	-3.6002e-06	0.0000e+00
1448	0.0000e+00	0.0000e+00	-1.3401e-04	-1.2003e-06	-3.3679e-06	0.0000e+00
1449	0.0000e+00	0.0000e+00	-1.6156e-04	-3.7157e-07	-2.7093e-06	0.0000e+00
1450	0.0000e+00	0.0000e+00	-1.6518e-04	8.7108e-08	-2.3679e-06	0.0000e+00
1451	0.0000e+00	0.0000e+00	-1.5607e-04	3.1589e-07	-2.3808e-06	0.0000e+00
1452	0.0000e+00	0.0000e+00	-1.4076e-04	4.3028e-07	-2.7326e-06	0.0000e+00
1453	0.0000e+00	0.0000e+00	-1.2190e-04	5.2135e-07	-3.3993e-06	0.0000e+00
1454	0.0000e+00	0.0000e+00	-9.9065e-05	6.5976e-07	-4.3577e-06	0.0000e+00
1455	0.0000e+00	0.0000e+00	-7.0095e-05	8.4335e-07	-5.3739e-06	0.0000e+00
1456	0.0000e+00	0.0000e+00	-4.7095e-05	2.0562e-07	-6.7571e-06	0.0000e+00
1457	0.0000e+00	0.0000e+00	3.4678e-05	-1.2351e-06	-1.4914e-06	0.0000e+00
1458	0.0000e+00	0.0000e+00	-1.4690e-05	-1.1213e-06	-2.3028e-06	0.0000e+00
1459	0.0000e+00	0.0000e+00	-4.5122e-05	-4.6733e-07	-2.6835e-06	0.0000e+00
1460	0.0000e+00	0.0000e+00	-4.9952e-05	1.4992e-07	-2.9508e-06	0.0000e+00
1461	0.0000e+00	0.0000e+00	-3.3471e-05	6.2429e-07	-3.2757e-06	0.0000e+00
1462	0.0000e+00	0.0000e+00	-6.8587e-07	9.9416e-07	-3.7303e-06	0.0000e+00
1463	0.0000e+00	0.0000e+00	4.5363e-05	1.3117e-06	-4.3170e-06	0.0000e+00
1464	0.0000e+00	0.0000e+00	1.0285e-04	1.5773e-06	-4.9906e-06	0.0000e+00
1465	0.0000e+00	0.0000e+00	1.6742e-04	1.6304e-06	-5.5692e-06	0.0000e+00
1466	0.0000e+00	0.0000e+00	2.2279e-04	1.0720e-06	-6.6126e-06	0.0000e+00
1467	0.0000e+00	0.0000e+00	1.0205e-04	-3.3768e-07	-1.8255e-06	0.0000e+00
1468	0.0000e+00	0.0000e+00	8.8089e-05	-2.9097e-07	-2.6597e-06	0.0000e+00

1469	0.0000e+00	0.0000e+00	8.4537e-05	1.2207e-07	-3.4355e-06	0.0000e+00
1470	0.0000e+00	0.0000e+00	1.0027e-04	6.4249e-07	-4.0654e-06	0.0000e+00
1471	0.0000e+00	0.0000e+00	1.3631e-04	1.1364e-06	-4.6167e-06	0.0000e+00
1472	0.0000e+00	0.0000e+00	1.9075e-04	1.5712e-06	-5.1538e-06	0.0000e+00
1473	0.0000e+00	0.0000e+00	2.6105e-04	1.9363e-06	-5.6919e-06	0.0000e+00
1474	0.0000e+00	0.0000e+00	3.4370e-04	2.1855e-06	-6.2132e-06	0.0000e+00
1475	0.0000e+00	0.0000e+00	4.3197e-04	2.1949e-06	-6.6451e-06	0.0000e+00
1476	0.0000e+00	0.0000e+00	5.1214e-04	1.7671e-06	-7.5385e-06	0.0000e+00
1477	0.0000e+00	0.0000e+00	2.2138e-04	3.9529e-07	-3.8297e-06	0.0000e+00
1478	0.0000e+00	0.0000e+00	2.4139e-04	6.2724e-07	-4.5890e-06	0.0000e+00
1479	0.0000e+00	0.0000e+00	2.7231e-04	9.4388e-07	-5.3777e-06	0.0000e+00
1480	0.0000e+00	0.0000e+00	3.1752e-04	1.3346e-06	-6.0656e-06	0.0000e+00
1481	0.0000e+00	0.0000e+00	3.7927e-04	1.7589e-06	-6.6700e-06	0.0000e+00
1482	0.0000e+00	0.0000e+00	4.5781e-04	2.1637e-06	-7.2334e-06	0.0000e+00
1483	0.0000e+00	0.0000e+00	5.5123e-04	2.4930e-06	-7.7659e-06	0.0000e+00
1484	0.0000e+00	0.0000e+00	6.5526e-04	2.6856e-06	-8.2527e-06	0.0000e+00
1485	0.0000e+00	0.0000e+00	7.6309e-04	2.6754e-06	-8.6385e-06	0.0000e+00
1486	0.0000e+00	0.0000e+00	8.6430e-04	2.3482e-06	-9.4218e-06	0.0000e+00
1487	0.0000e+00	0.0000e+00	4.6029e-04	1.0597e-06	-7.3420e-06	0.0000e+00
1488	0.0000e+00	0.0000e+00	5.0996e-04	1.4172e-06	-7.9581e-06	0.0000e+00
1489	0.0000e+00	0.0000e+00	5.7004e-04	1.6484e-06	-8.4703e-06	0.0000e+00
1490	0.0000e+00	0.0000e+00	6.4099e-04	1.9588e-06	-8.9259e-06	0.0000e+00
1491	0.0000e+00	0.0000e+00	7.2658e-04	2.3551e-06	-9.3922e-06	0.0000e+00
1492	0.0000e+00	0.0000e+00	8.2876e-04	2.7584e-06	-9.9073e-06	0.0000e+00
1493	0.0000e+00	0.0000e+00	9.4575e-04	3.0672e-06	-1.0466e-05	0.0000e+00
1494	0.0000e+00	0.0000e+00	1.0718e-03	3.1919e-06	-1.1023e-05	0.0000e+00
1495	0.0000e+00	0.0000e+00	1.1988e-03	3.1113e-06	-1.1454e-05	0.0000e+00
1496	0.0000e+00	0.0000e+00	1.3187e-03	2.8608e-06	-1.2158e-05	0.0000e+00
1497	0.0000e+00	0.0000e+00	8.8801e-04	1.6679e-06	-1.2621e-05	0.0000e+00
1498	0.0000e+00	0.0000e+00	9.5218e-04	1.6967e-06	-1.2550e-05	0.0000e+00
1499	0.0000e+00	0.0000e+00	1.0202e-03	1.8493e-06	-1.2300e-05	0.0000e+00
1500	0.0000e+00	0.0000e+00	1.1001e-03	2.2436e-06	-1.2214e-05	0.0000e+00
1501	0.0000e+00	0.0000e+00	1.1994e-03	2.7821e-06	-1.2360e-05	0.0000e+00
1502	0.0000e+00	0.0000e+00	1.3213e-03	3.3351e-06	-1.2743e-05	0.0000e+00
1503	0.0000e+00	0.0000e+00	1.4634e-03	3.7575e-06	-1.3339e-05	0.0000e+00
1504	0.0000e+00	0.0000e+00	1.6173e-03	3.8935e-06	-1.4098e-05	0.0000e+00
1505	0.0000e+00	0.0000e+00	1.7695e-03	3.6538e-06	-1.4823e-05	0.0000e+00
1506	0.0000e+00	0.0000e+00	1.9096e-03	3.3563e-06	-1.5642e-05	0.0000e+00
1507	0.0000e+00	0.0000e+00	1.5939e-03	2.8094e-07	-1.9681e-05	0.0000e+00
1508	0.0000e+00	0.0000e+00	1.6044e-03	5.8029e-07	-1.7309e-05	0.0000e+00
1509	0.0000e+00	0.0000e+00	1.6346e-03	1.1804e-06	-1.5832e-05	0.0000e+00
1510	0.0000e+00	0.0000e+00	1.6948e-03	1.9815e-06	-1.5019e-05	0.0000e+00
1511	0.0000e+00	0.0000e+00	1.7911e-03	2.8735e-06	-1.4729e-05	0.0000e+00
1512	0.0000e+00	0.0000e+00	1.9247e-03	3.7338e-06	-1.4880e-05	0.0000e+00
1513	0.0000e+00	0.0000e+00	2.0921e-03	4.4241e-06	-1.5432e-05	0.0000e+00
1514	0.0000e+00	0.0000e+00	2.2835e-03	4.7856e-06	-1.6379e-05	0.0000e+00
1515	0.0000e+00	0.0000e+00	2.4827e-03	4.6341e-06	-1.7745e-05	0.0000e+00
1516	0.0000e+00	0.0000e+00	6.9322e-05	1.4894e-06	2.6244e-06	0.0000e+00
1517	0.0000e+00	0.0000e+00	1.1133e-04	7.5899e-07	2.5953e-06	0.0000e+00
1518	0.0000e+00	0.0000e+00	1.2772e-04	1.6084e-07	2.2794e-06	0.0000e+00
1519	0.0000e+00	0.0000e+00	1.2390e-04	-3.3799e-07	2.2028e-06	0.0000e+00
1520	0.0000e+00	0.0000e+00	1.0066e-04	-8.9089e-07	2.3699e-06	0.0000e+00
1521	0.0000e+00	0.0000e+00	5.3579e-05	-1.5812e-06	2.3748e-06	0.0000e+00
1522	0.0000e+00	0.0000e+00	-6.8716e-06	6.2508e-07	1.1770e-06	0.0000e+00
1523	0.0000e+00	0.0000e+00	2.0335e-05	6.3660e-07	1.7268e-06	0.0000e+00
1524	0.0000e+00	0.0000e+00	3.6814e-05	1.9793e-07	1.9332e-06	0.0000e+00
1525	0.0000e+00	0.0000e+00	3.4269e-05	-3.1878e-07	1.9447e-06	0.0000e+00
1526	0.0000e+00	0.0000e+00	1.2469e-05	-7.7437e-07	1.7845e-06	0.0000e+00
1527	0.0000e+00	0.0000e+00	-2.2102e-05	-8.7701e-07	1.3406e-06	0.0000e+00
1528	0.0000e+00	0.0000e+00	-6.1281e-05	6.2952e-08	1.4916e-06	0.0000e+00
1529	0.0000e+00	0.0000e+00	-5.5548e-05	1.7124e-07	1.9540e-06	0.0000e+00
1530	0.0000e+00	0.0000e+00	-5.1117e-05	2.6306e-08	2.2611e-06	0.0000e+00
1531	0.0000e+00	0.0000e+00	-5.4837e-05	-2.1769e-07	2.2924e-06	0.0000e+00
1532	0.0000e+00	0.0000e+00	-6.7681e-05	-4.1174e-07	2.0605e-06	0.0000e+00
1533	0.0000e+00	0.0000e+00	-8.4669e-05	-3.9504e-07	1.6753e-06	0.0000e+00
1534	0.0000e+00	0.0000e+00	-1.5806e-04	-3.4313e-07	3.1037e-06	0.0000e+00
1535	0.0000e+00	0.0000e+00	-1.6970e-04	-2.4205e-07	3.4747e-06	0.0000e+00
1536	0.0000e+00	0.0000e+00	-1.7697e-04	-1.3998e-07	3.7067e-06	0.0000e+00
1537	0.0000e+00	0.0000e+00	-1.8104e-04	-7.9713e-08	3.6804e-06	0.0000e+00
1538	0.0000e+00	0.0000e+00	-1.8347e-04	-4.8951e-08	3.4171e-06	0.0000e+00
1539	0.0000e+00	0.0000e+00	-1.8475e-04	-1.6705e-08	3.0462e-06	0.0000e+00
1540	0.0000e+00	0.0000e+00	-3.5102e-04	-7.2068e-07	5.9321e-06	0.0000e+00

1541	0.0000e+00	0.0000e+00	-3.7668e-04	-5.3663e-07	6.2219e-06	0.0000e+00
1542	0.0000e+00	0.0000e+00	-3.9039e-04	-1.8107e-07	6.2677e-06	0.0000e+00
1543	0.0000e+00	0.0000e+00	-3.9073e-04	1.3433e-07	6.1111e-06	0.0000e+00
1544	0.0000e+00	0.0000e+00	-3.8065e-04	3.5179e-07	5.7944e-06	0.0000e+00
1545	0.0000e+00	0.0000e+00	-3.6492e-04	3.9927e-07	5.3591e-06	0.0000e+00
1546	0.0000e+00	0.0000e+00	-6.9491e-04	-1.1087e-06	1.0115e-05	0.0000e+00
1547	0.0000e+00	0.0000e+00	-7.2528e-04	-4.9873e-07	9.9426e-06	0.0000e+00
1548	0.0000e+00	0.0000e+00	-7.3276e-04	4.6896e-08	9.5496e-06	0.0000e+00
1549	0.0000e+00	0.0000e+00	-7.2249e-04	4.3858e-07	9.2123e-06	0.0000e+00
1550	0.0000e+00	0.0000e+00	-6.9920e-04	7.4599e-07	8.9581e-06	0.0000e+00
1551	0.0000e+00	0.0000e+00	-6.6605e-04	9.5524e-07	8.6404e-06	0.0000e+00
1552	0.0000e+00	0.0000e+00	-1.2511e-03	-1.2007e-07	1.5283e-05	0.0000e+00
1553	0.0000e+00	0.0000e+00	-1.2400e-03	3.7904e-07	1.3596e-05	0.0000e+00
1554	0.0000e+00	0.0000e+00	-1.2161e-03	6.1622e-07	1.2568e-05	0.0000e+00
1555	0.0000e+00	0.0000e+00	-1.1879e-03	6.8803e-07	1.2090e-05	0.0000e+00
1556	0.0000e+00	0.0000e+00	-1.1599e-03	6.8073e-07	1.2136e-05	0.0000e+00
1557	0.0000e+00	0.0000e+00	-1.1336e-03	6.7117e-07	1.2770e-05	0.0000e+00
1558	0.0000e+00	0.0000e+00	-5.3555e-05	-1.5811e-06	-2.3749e-06	0.0000e+00
1559	0.0000e+00	0.0000e+00	-1.0063e-04	-8.9081e-07	-2.3701e-06	0.0000e+00
1560	0.0000e+00	0.0000e+00	-1.2387e-04	-3.3792e-07	-2.2029e-06	0.0000e+00
1561	0.0000e+00	0.0000e+00	-1.2769e-04	1.6088e-07	-2.2795e-06	0.0000e+00
1562	0.0000e+00	0.0000e+00	-1.1130e-04	7.5900e-07	-2.5954e-06	0.0000e+00
1563	0.0000e+00	0.0000e+00	-6.9290e-05	1.4894e-06	-2.6244e-06	0.0000e+00
1564	0.0000e+00	0.0000e+00	2.2133e-05	-8.7693e-07	-1.3408e-06	0.0000e+00
1565	0.0000e+00	0.0000e+00	-1.2435e-05	-7.7430e-07	-1.7846e-06	0.0000e+00
1566	0.0000e+00	0.0000e+00	-3.4234e-05	-3.1874e-07	-1.9448e-06	0.0000e+00
1567	0.0000e+00	0.0000e+00	-3.6778e-05	1.9793e-07	-1.9333e-06	0.0000e+00
1568	0.0000e+00	0.0000e+00	-2.0300e-05	6.3655e-07	-1.7269e-06	0.0000e+00
1569	0.0000e+00	0.0000e+00	6.9032e-06	6.2496e-07	-1.1769e-06	0.0000e+00
1570	0.0000e+00	0.0000e+00	8.4708e-05	-3.9497e-07	-1.6755e-06	0.0000e+00
1571	0.0000e+00	0.0000e+00	6.7722e-05	-4.1170e-07	-2.0607e-06	0.0000e+00
1572	0.0000e+00	0.0000e+00	5.4880e-05	-2.1769e-07	-2.2925e-06	0.0000e+00
1573	0.0000e+00	0.0000e+00	5.1158e-05	2.6245e-08	-2.2612e-06	0.0000e+00
1574	0.0000e+00	0.0000e+00	5.5585e-05	1.7110e-07	-1.9540e-06	0.0000e+00
1575	0.0000e+00	0.0000e+00	6.1310e-05	6.2716e-08	-1.4915e-06	0.0000e+00
1576	0.0000e+00	0.0000e+00	1.8480e-04	-1.6657e-08	-3.0464e-06	0.0000e+00
1577	0.0000e+00	0.0000e+00	1.8352e-04	-4.8953e-08	-3.4174e-06	0.0000e+00
1578	0.0000e+00	0.0000e+00	1.8109e-04	-7.9776e-08	-3.6806e-06	0.0000e+00
1579	0.0000e+00	0.0000e+00	1.7702e-04	-1.4012e-07	-3.7068e-06	0.0000e+00
1580	0.0000e+00	0.0000e+00	1.6974e-04	-2.4230e-07	-3.4748e-06	0.0000e+00
1581	0.0000e+00	0.0000e+00	1.5809e-04	-3.4351e-07	-3.1036e-06	0.0000e+00
1582	0.0000e+00	0.0000e+00	3.6499e-04	3.9928e-07	-5.3594e-06	0.0000e+00
1583	0.0000e+00	0.0000e+00	3.8072e-04	3.5173e-07	-5.7946e-06	0.0000e+00
1584	0.0000e+00	0.0000e+00	3.9079e-04	1.3418e-07	-6.1113e-06	0.0000e+00
1585	0.0000e+00	0.0000e+00	3.9044e-04	-1.8132e-07	-6.2678e-06	0.0000e+00
1586	0.0000e+00	0.0000e+00	3.7672e-04	-5.3701e-07	-6.2219e-06	0.0000e+00
1587	0.0000e+00	0.0000e+00	3.5104e-04	-7.2124e-07	-5.9319e-06	0.0000e+00
1588	0.0000e+00	0.0000e+00	6.6613e-04	9.5520e-07	-8.6407e-06	0.0000e+00
1589	0.0000e+00	0.0000e+00	6.9927e-04	7.4585e-07	-8.9584e-06	0.0000e+00
1590	0.0000e+00	0.0000e+00	7.2255e-04	4.3834e-07	-9.2124e-06	0.0000e+00
1591	0.0000e+00	0.0000e+00	7.3281e-04	4.6528e-08	-9.5497e-06	0.0000e+00
1592	0.0000e+00	0.0000e+00	7.2531e-04	-4.9926e-07	-9.9425e-06	0.0000e+00
1593	0.0000e+00	0.0000e+00	6.9492e-04	-1.1094e-06	-1.0114e-05	0.0000e+00
1594	0.0000e+00	0.0000e+00	1.1337e-03	6.7107e-07	-1.2770e-05	0.0000e+00
1595	0.0000e+00	0.0000e+00	1.1600e-03	6.8051e-07	-1.2136e-05	0.0000e+00
1596	0.0000e+00	0.0000e+00	1.1879e-03	6.8767e-07	-1.2090e-05	0.0000e+00
1597	0.0000e+00	0.0000e+00	1.2162e-03	6.1571e-07	-1.2568e-05	0.0000e+00
1598	0.0000e+00	0.0000e+00	1.2400e-03	3.7833e-07	-1.3595e-05	0.0000e+00
1599	0.0000e+00	0.0000e+00	1.2511e-03	-1.2104e-07	-1.5283e-05	0.0000e+00
1600	0.0000e+00	0.0000e+00	1.8615e-05	3.3873e-07	6.7994e-07	0.0000e+00
1601	0.0000e+00	0.0000e+00	2.8033e-05	1.4357e-07	5.7009e-07	0.0000e+00
1602	0.0000e+00	0.0000e+00	3.0990e-05	2.2998e-08	3.7229e-07	0.0000e+00
1603	0.0000e+00	0.0000e+00	3.0265e-05	-4.3277e-08	2.2902e-07	0.0000e+00
1604	0.0000e+00	0.0000e+00	2.7270e-05	-9.0590e-08	1.3947e-07	0.0000e+00
1605	0.0000e+00	0.0000e+00	2.2129e-05	-1.4730e-07	9.5845e-08	0.0000e+00
1606	0.0000e+00	0.0000e+00	1.3759e-05	-2.4534e-07	8.8301e-08	0.0000e+00
1607	0.0000e+00	0.0000e+00	-9.1009e-10	-3.5604e-07	-3.6790e-11	0.0000e+00
1608	0.0000e+00	0.0000e+00	1.8182e-06	1.3789e-07	1.8936e-07	0.0000e+00
1609	0.0000e+00	0.0000e+00	9.7256e-06	1.9079e-07	3.1324e-07	0.0000e+00
1610	0.0000e+00	0.0000e+00	1.6400e-05	1.2113e-07	3.0702e-07	0.0000e+00
1611	0.0000e+00	0.0000e+00	1.9879e-05	4.4153e-08	2.4978e-07	0.0000e+00
1612	0.0000e+00	0.0000e+00	2.0176e-05	-3.0220e-08	1.8441e-07	0.0000e+00

1613	0.0000e+00	0.0000e+00	1.7115e-05	-1.1361e-07	1.3003e-07	0.0000e+00
1614	0.0000e+00	0.0000e+00	1.0239e-05	-2.0346e-07	7.8503e-08	0.0000e+00
1615	0.0000e+00	0.0000e+00	1.0479e-09	-2.5486e-07	-5.4233e-11	0.0000e+00
1616	0.0000e+00	0.0000e+00	-7.0197e-06	2.2803e-08	2.6590e-07	0.0000e+00
1617	0.0000e+00	0.0000e+00	-3.5954e-06	1.1645e-07	3.5476e-07	0.0000e+00
1618	0.0000e+00	0.0000e+00	2.0840e-06	1.3272e-07	3.8533e-07	0.0000e+00
1619	0.0000e+00	0.0000e+00	7.4051e-06	1.0268e-07	3.4206e-07	0.0000e+00
1620	0.0000e+00	0.0000e+00	1.0708e-05	3.9882e-08	2.5903e-07	0.0000e+00
1621	0.0000e+00	0.0000e+00	1.0709e-05	-4.6947e-08	1.6809e-07	0.0000e+00
1622	0.0000e+00	0.0000e+00	6.8091e-06	-1.3239e-07	8.2820e-08	0.0000e+00
1623	0.0000e+00	0.0000e+00	3.9007e-09	-1.7122e-07	-7.7770e-11	0.0000e+00
1624	0.0000e+00	0.0000e+00	-2.7843e-05	-2.1211e-08	7.3353e-07	0.0000e+00
1625	0.0000e+00	0.0000e+00	-2.6457e-05	7.9960e-08	7.4676e-07	0.0000e+00
1626	0.0000e+00	0.0000e+00	-2.0587e-05	1.7109e-07	6.9755e-07	0.0000e+00
1627	0.0000e+00	0.0000e+00	-1.1965e-05	2.0237e-07	5.7394e-07	0.0000e+00
1628	0.0000e+00	0.0000e+00	-3.5420e-06	1.6352e-07	4.0921e-07	0.0000e+00
1629	0.0000e+00	0.0000e+00	1.8806e-06	7.0307e-08	2.4253e-07	0.0000e+00
1630	0.0000e+00	0.0000e+00	2.7526e-06	-3.4156e-08	1.0432e-07	0.0000e+00
1631	0.0000e+00	0.0000e+00	7.8623e-09	-8.2952e-08	-1.0511e-10	0.0000e+00
1632	0.0000e+00	0.0000e+00	-7.6810e-05	-4.7589e-09	1.5704e-06	0.0000e+00
1633	0.0000e+00	0.0000e+00	-7.3430e-05	1.5816e-07	1.4650e-06	0.0000e+00
1634	0.0000e+00	0.0000e+00	-6.1941e-05	3.3572e-07	1.2398e-06	0.0000e+00
1635	0.0000e+00	0.0000e+00	-4.4691e-05	4.1933e-07	9.5311e-07	0.0000e+00
1636	0.0000e+00	0.0000e+00	-2.6284e-05	3.9282e-07	6.4830e-07	0.0000e+00
1637	0.0000e+00	0.0000e+00	-1.1208e-05	2.7269e-07	3.6165e-07	0.0000e+00
1638	0.0000e+00	0.0000e+00	-2.5904e-06	1.1055e-07	1.3700e-07	0.0000e+00
1639	0.0000e+00	0.0000e+00	1.3030e-08	2.1836e-08	-1.3290e-10	0.0000e+00
1640	0.0000e+00	0.0000e+00	-1.7096e-04	1.1184e-07	2.8423e-06	0.0000e+00
1641	0.0000e+00	0.0000e+00	-1.5728e-04	4.7439e-07	2.4277e-06	0.0000e+00
1642	0.0000e+00	0.0000e+00	-1.3032e-04	7.1954e-07	1.9190e-06	0.0000e+00
1643	0.0000e+00	0.0000e+00	-9.6177e-05	8.1321e-07	1.4226e-06	0.0000e+00
1644	0.0000e+00	0.0000e+00	-6.1077e-05	7.7040e-07	9.5806e-07	0.0000e+00
1645	0.0000e+00	0.0000e+00	-3.0601e-05	6.0664e-07	5.3395e-07	0.0000e+00
1646	0.0000e+00	0.0000e+00	-9.6039e-06	3.4343e-07	1.7628e-07	0.0000e+00
1647	0.0000e+00	0.0000e+00	1.9292e-08	1.4515e-07	-1.5464e-10	0.0000e+00
1648	0.0000e+00	0.0000e+00	-3.2754e-04	7.5247e-07	4.2939e-06	0.0000e+00
1649	0.0000e+00	0.0000e+00	-2.8298e-04	1.1126e-06	3.3110e-06	0.0000e+00
1650	0.0000e+00	0.0000e+00	-2.2743e-04	1.2909e-06	2.5196e-06	0.0000e+00
1651	0.0000e+00	0.0000e+00	-1.6782e-04	1.3203e-06	1.8567e-06	0.0000e+00
1652	0.0000e+00	0.0000e+00	-1.1004e-04	1.2198e-06	1.2880e-06	0.0000e+00
1653	0.0000e+00	0.0000e+00	-5.9368e-05	9.9720e-07	7.9497e-07	0.0000e+00
1654	0.0000e+00	0.0000e+00	-2.0960e-05	6.4666e-07	3.6907e-07	0.0000e+00
1655	0.0000e+00	0.0000e+00	-1.3762e-05	-2.4535e-07	-8.8377e-08	0.0000e+00
1656	0.0000e+00	0.0000e+00	-2.2131e-05	-1.4731e-07	-9.5919e-08	0.0000e+00
1657	0.0000e+00	0.0000e+00	-2.7273e-05	-9.0594e-08	-1.3954e-07	0.0000e+00
1658	0.0000e+00	0.0000e+00	-3.0268e-05	-4.3277e-08	-2.2909e-07	0.0000e+00
1659	0.0000e+00	0.0000e+00	-3.0993e-05	2.3003e-08	-3.7236e-07	0.0000e+00
1660	0.0000e+00	0.0000e+00	-2.8036e-05	1.4358e-07	-5.7016e-07	0.0000e+00
1661	0.0000e+00	0.0000e+00	-1.8617e-05	3.3874e-07	-6.8001e-07	0.0000e+00
1662	0.0000e+00	0.0000e+00	-1.0237e-05	-2.0347e-07	-7.8612e-08	0.0000e+00
1663	0.0000e+00	0.0000e+00	-1.7113e-05	-1.1362e-07	-1.3014e-07	0.0000e+00
1664	0.0000e+00	0.0000e+00	-2.0175e-05	-3.0225e-08	-1.8451e-07	0.0000e+00
1665	0.0000e+00	0.0000e+00	-1.9878e-05	4.4152e-08	-2.4989e-07	0.0000e+00
1666	0.0000e+00	0.0000e+00	-1.6399e-05	1.2113e-07	-3.0713e-07	0.0000e+00
1667	0.0000e+00	0.0000e+00	-9.7242e-06	1.9080e-07	-3.1335e-07	0.0000e+00
1668	0.0000e+00	0.0000e+00	-1.8164e-06	1.3790e-07	-1.8946e-07	0.0000e+00
1669	0.0000e+00	0.0000e+00	-6.8014e-06	-1.3240e-07	-8.2975e-08	0.0000e+00
1670	0.0000e+00	0.0000e+00	-1.0702e-05	-4.6957e-08	-1.6825e-07	0.0000e+00
1671	0.0000e+00	0.0000e+00	-1.0701e-05	3.9874e-08	-2.5918e-07	0.0000e+00
1672	0.0000e+00	0.0000e+00	-7.3984e-06	1.0268e-07	-3.4221e-07	0.0000e+00
1673	0.0000e+00	0.0000e+00	-2.0773e-06	1.3272e-07	-3.8548e-07	0.0000e+00
1674	0.0000e+00	0.0000e+00	3.6024e-06	1.1646e-07	-3.5491e-07	0.0000e+00
1675	0.0000e+00	0.0000e+00	7.0271e-06	2.2812e-08	-2.6605e-07	0.0000e+00
1676	0.0000e+00	0.0000e+00	-2.7370e-06	-3.4165e-08	-1.0453e-07	0.0000e+00
1677	0.0000e+00	0.0000e+00	-1.8656e-06	7.0295e-08	-2.4273e-07	0.0000e+00
1678	0.0000e+00	0.0000e+00	3.5566e-06	1.6351e-07	-4.0941e-07	0.0000e+00
1679	0.0000e+00	0.0000e+00	1.1979e-05	2.0237e-07	-5.7414e-07	0.0000e+00
1680	0.0000e+00	0.0000e+00	2.0601e-05	1.7109e-07	-6.9775e-07	0.0000e+00
1681	0.0000e+00	0.0000e+00	2.6472e-05	7.9970e-08	-7.4696e-07	0.0000e+00
1682	0.0000e+00	0.0000e+00	2.7858e-05	-2.1200e-08	-7.3373e-07	0.0000e+00
1683	0.0000e+00	0.0000e+00	2.6161e-06	1.1053e-07	-1.3726e-07	0.0000e+00
1684	0.0000e+00	0.0000e+00	1.1233e-05	2.7267e-07	-3.6191e-07	0.0000e+00

1685	0.0000e+00	0.0000e+00	2.6308e-05	3.9281e-07	-6.4855e-07	0.0000e+00
1686	0.0000e+00	0.0000e+00	4.4715e-05	4.1932e-07	-9.5336e-07	0.0000e+00
1687	0.0000e+00	0.0000e+00	6.1965e-05	3.3573e-07	-1.2400e-06	0.0000e+00
1688	0.0000e+00	0.0000e+00	7.3454e-05	1.5817e-07	-1.4652e-06	0.0000e+00
1689	0.0000e+00	0.0000e+00	7.6835e-05	-4.7423e-09	-1.5707e-06	0.0000e+00
1690	0.0000e+00	0.0000e+00	9.6419e-06	3.4341e-07	-1.7658e-07	0.0000e+00
1691	0.0000e+00	0.0000e+00	3.0638e-05	6.0661e-07	-5.3424e-07	0.0000e+00
1692	0.0000e+00	0.0000e+00	6.1113e-05	7.7039e-07	-9.5835e-07	0.0000e+00
1693	0.0000e+00	0.0000e+00	9.6213e-05	8.1320e-07	-1.4229e-06	0.0000e+00
1694	0.0000e+00	0.0000e+00	1.3036e-04	7.1955e-07	-1.9193e-06	0.0000e+00
1695	0.0000e+00	0.0000e+00	1.5732e-04	4.7441e-07	-2.4280e-06	0.0000e+00
1696	0.0000e+00	0.0000e+00	1.7100e-04	1.1187e-07	-2.8426e-06	0.0000e+00
1697	0.0000e+00	0.0000e+00	2.1012e-05	6.4663e-07	-3.6938e-07	0.0000e+00
1698	0.0000e+00	0.0000e+00	5.9418e-05	9.9718e-07	-7.9528e-07	0.0000e+00
1699	0.0000e+00	0.0000e+00	1.1008e-04	1.2198e-06	-1.2883e-06	0.0000e+00
1700	0.0000e+00	0.0000e+00	1.6787e-04	1.3203e-06	-1.8570e-06	0.0000e+00
1701	0.0000e+00	0.0000e+00	2.2748e-04	1.2909e-06	-2.5199e-06	0.0000e+00
1702	0.0000e+00	0.0000e+00	2.8303e-04	1.1126e-06	-3.3113e-06	0.0000e+00
1703	0.0000e+00	0.0000e+00	3.2759e-04	7.5250e-07	-4.2942e-06	0.0000e+00
1704	0.0000e+00	0.0000e+00	5.0105e-05	-2.2272e-07	7.2363e-06	0.0000e+00
1705	0.0000e+00	0.0000e+00	-2.6086e-04	7.5325e-07	7.0245e-06	0.0000e+00
1706	0.0000e+00	0.0000e+00	-5.8322e-04	1.5191e-06	7.8181e-06	0.0000e+00
1707	0.0000e+00	0.0000e+00	-9.6220e-04	2.1328e-06	9.6405e-06	0.0000e+00
1708	0.0000e+00	0.0000e+00	-1.4405e-03	2.6850e-06	1.2388e-05	0.0000e+00
1709	0.0000e+00	0.0000e+00	-2.0543e-03	3.2428e-06	1.5838e-05	0.0000e+00
1710	0.0000e+00	0.0000e+00	-4.8978e-05	-2.1703e-07	-7.2417e-06	0.0000e+00
1711	0.0000e+00	0.0000e+00	2.6224e-04	7.5972e-07	-7.0311e-06	0.0000e+00
1712	0.0000e+00	0.0000e+00	5.8492e-04	1.5264e-06	-7.8258e-06	0.0000e+00
1713	0.0000e+00	0.0000e+00	9.6425e-04	2.1411e-06	-9.6490e-06	0.0000e+00
1714	0.0000e+00	0.0000e+00	1.4429e-03	2.6940e-06	-1.2397e-05	0.0000e+00
1715	0.0000e+00	0.0000e+00	2.0571e-03	3.2525e-06	-1.5846e-05	0.0000e+00
1716	0.0000e+00	0.0000e+00	-1.4364e-03	-2.5890e-06	-1.0692e-05	0.0000e+00
1717	0.0000e+00	0.0000e+00	-1.0523e-03	-2.4207e-06	-6.8699e-06	0.0000e+00
1718	0.0000e+00	0.0000e+00	-8.2231e-04	-2.3683e-06	-3.6720e-06	0.0000e+00
1719	0.0000e+00	0.0000e+00	-7.1465e-04	-2.3642e-06	-1.2647e-06	0.0000e+00
1720	0.0000e+00	0.0000e+00	-6.9331e-04	-2.3471e-06	2.8986e-07	0.0000e+00
1721	0.0000e+00	0.0000e+00	-7.1942e-04	-2.2682e-06	9.1336e-07	0.0000e+00
1722	0.0000e+00	0.0000e+00	-7.5001e-04	-2.0703e-06	4.9748e-07	0.0000e+00
1723	0.0000e+00	0.0000e+00	-7.3659e-04	-1.6674e-06	-1.0990e-06	0.0000e+00
1724	0.0000e+00	0.0000e+00	-6.2494e-04	-9.5099e-07	-3.9573e-06	0.0000e+00
1725	0.0000e+00	0.0000e+00	1.4377e-03	-2.5942e-06	1.0697e-05	0.0000e+00
1726	0.0000e+00	0.0000e+00	1.0534e-03	-2.4256e-06	6.8742e-06	0.0000e+00
1727	0.0000e+00	0.0000e+00	8.2330e-04	-2.3728e-06	3.6758e-06	0.0000e+00
1728	0.0000e+00	0.0000e+00	7.1549e-04	-2.3685e-06	1.2677e-06	0.0000e+00
1729	0.0000e+00	0.0000e+00	6.9404e-04	-2.3512e-06	-2.8782e-07	0.0000e+00
1730	0.0000e+00	0.0000e+00	7.2008e-04	-2.2722e-06	-9.1241e-07	0.0000e+00
1731	0.0000e+00	0.0000e+00	7.5066e-04	-2.0744e-06	-4.9770e-07	0.0000e+00
1732	0.0000e+00	0.0000e+00	7.3727e-04	-1.6717e-06	1.0976e-06	0.0000e+00
1733	0.0000e+00	0.0000e+00	6.2571e-04	-9.5553e-07	3.9546e-06	0.0000e+00
1734	0.0000e+00	0.0000e+00	-3.2665e-03	6.3274e-06	1.7149e-05	0.0000e+00
1735	0.0000e+00	0.0000e+00	-3.0169e-03	6.1665e-06	1.6252e-05	0.0000e+00
1736	0.0000e+00	0.0000e+00	-2.7870e-03	5.3371e-06	1.5449e-05	0.0000e+00
1737	0.0000e+00	0.0000e+00	-2.5975e-03	4.1449e-06	1.4981e-05	0.0000e+00
1738	0.0000e+00	0.0000e+00	-2.4597e-03	2.7484e-06	1.4910e-05	0.0000e+00
1739	0.0000e+00	0.0000e+00	-2.3795e-03	1.2630e-06	1.5288e-05	0.0000e+00
1740	0.0000e+00	0.0000e+00	-2.3584e-03	-2.1006e-07	1.6164e-05	0.0000e+00
1741	0.0000e+00	0.0000e+00	-2.3928e-03	-1.5323e-06	1.7533e-05	0.0000e+00
1742	0.0000e+00	0.0000e+00	-2.4678e-03	-2.2341e-06	1.8897e-05	0.0000e+00
1743	0.0000e+00	0.0000e+00	-2.3797e-03	4.5057e-06	1.8306e-05	0.0000e+00
1744	0.0000e+00	0.0000e+00	-2.1824e-03	4.4930e-06	1.6247e-05	0.0000e+00
1745	0.0000e+00	0.0000e+00	-2.0003e-03	3.8078e-06	1.4351e-05	0.0000e+00
1746	0.0000e+00	0.0000e+00	-1.8542e-03	2.8482e-06	1.3031e-05	0.0000e+00
1747	0.0000e+00	0.0000e+00	-1.7534e-03	1.7367e-06	1.2293e-05	0.0000e+00
1748	0.0000e+00	0.0000e+00	-1.7034e-03	5.3880e-07	1.2116e-05	0.0000e+00
1749	0.0000e+00	0.0000e+00	-1.7067e-03	-6.9143e-07	1.2502e-05	0.0000e+00
1750	0.0000e+00	0.0000e+00	-1.7629e-03	-1.8739e-06	1.3448e-05	0.0000e+00
1751	0.0000e+00	0.0000e+00	-1.8639e-03	-2.7209e-06	1.4678e-05	0.0000e+00
1752	0.0000e+00	0.0000e+00	2.3388e-03	-4.5133e-06	1.2526e-05	0.0000e+00
1753	0.0000e+00	0.0000e+00	2.1575e-03	-4.6136e-06	1.2112e-05	0.0000e+00
1754	0.0000e+00	0.0000e+00	1.9839e-03	-4.0853e-06	1.1607e-05	0.0000e+00
1755	0.0000e+00	0.0000e+00	1.8381e-03	-3.2127e-06	1.1332e-05	0.0000e+00
1756	0.0000e+00	0.0000e+00	1.7311e-03	-2.1386e-06	1.1390e-05	0.0000e+00

1757	0.0000e+00	0.0000e+00	1.6692e-03	-9.5498e-07	1.1835e-05	0.0000e+00
1758	0.0000e+00	0.0000e+00	1.6552e-03	2.6080e-07	1.2700e-05	0.0000e+00
1759	0.0000e+00	0.0000e+00	1.6878e-03	1.3912e-06	1.3943e-05	0.0000e+00
1760	0.0000e+00	0.0000e+00	1.7552e-03	2.0303e-06	1.5064e-05	0.0000e+00
1761	0.0000e+00	0.0000e+00	1.7088e-03	-3.4085e-06	1.4713e-05	0.0000e+00
1762	0.0000e+00	0.0000e+00	1.5566e-03	-3.5570e-06	1.3093e-05	0.0000e+00
1763	0.0000e+00	0.0000e+00	1.4108e-03	-3.0935e-06	1.1478e-05	0.0000e+00
1764	0.0000e+00	0.0000e+00	1.2904e-03	-2.3885e-06	1.0319e-05	0.0000e+00
1765	0.0000e+00	0.0000e+00	1.2040e-03	-1.5443e-06	9.6628e-06	0.0000e+00
1766	0.0000e+00	0.0000e+00	1.1568e-03	-6.0168e-07	9.5047e-06	0.0000e+00
1767	0.0000e+00	0.0000e+00	1.1526e-03	4.1125e-07	9.8449e-06	0.0000e+00
1768	0.0000e+00	0.0000e+00	1.1930e-03	1.4393e-06	1.0658e-05	0.0000e+00
1769	0.0000e+00	0.0000e+00	1.2733e-03	2.2275e-06	1.1642e-05	0.0000e+00
1770	0.0000e+00	0.0000e+00	1.1241e-03	-2.6787e-06	8.8036e-06	0.0000e+00
1771	0.0000e+00	0.0000e+00	9.9889e-04	-3.0464e-06	7.6322e-06	0.0000e+00
1772	0.0000e+00	0.0000e+00	8.6625e-04	-2.9985e-06	6.4437e-06	0.0000e+00
1773	0.0000e+00	0.0000e+00	7.3997e-04	-2.7498e-06	5.4730e-06	0.0000e+00
1774	0.0000e+00	0.0000e+00	6.2741e-04	-2.3723e-06	4.7411e-06	0.0000e+00
1775	0.0000e+00	0.0000e+00	5.3355e-04	-1.8978e-06	4.2380e-06	0.0000e+00
1776	0.0000e+00	0.0000e+00	4.6231e-04	-1.3422e-06	3.9560e-06	0.0000e+00
1777	0.0000e+00	0.0000e+00	4.1689e-04	-7.2182e-07	3.8827e-06	0.0000e+00
1778	0.0000e+00	0.0000e+00	3.9846e-04	-1.1787e-07	3.9172e-06	0.0000e+00
1779	0.0000e+00	0.0000e+00	-1.5503e-03	3.8453e-06	1.1024e-05	0.0000e+00
1780	0.0000e+00	0.0000e+00	-1.3762e-03	4.0935e-06	9.4988e-06	0.0000e+00
1781	0.0000e+00	0.0000e+00	-1.2006e-03	3.9073e-06	8.0563e-06	0.0000e+00
1782	0.0000e+00	0.0000e+00	-1.0376e-03	3.5109e-06	6.9010e-06	0.0000e+00
1783	0.0000e+00	0.0000e+00	-8.9478e-04	2.9864e-06	6.0279e-06	0.0000e+00
1784	0.0000e+00	0.0000e+00	-7.7687e-04	2.3777e-06	5.4153e-06	0.0000e+00
1785	0.0000e+00	0.0000e+00	-6.8690e-04	1.7139e-06	5.0516e-06	0.0000e+00
1786	0.0000e+00	0.0000e+00	-6.2670e-04	1.0227e-06	4.9290e-06	0.0000e+00
1787	0.0000e+00	0.0000e+00	-5.9552e-04	4.0336e-07	4.9519e-06	0.0000e+00
1788	0.0000e+00	0.0000e+00	5.9559e-04	4.0336e-07	-4.9522e-06	0.0000e+00
1789	0.0000e+00	0.0000e+00	6.2677e-04	1.0227e-06	-4.9293e-06	0.0000e+00
1790	0.0000e+00	0.0000e+00	6.8697e-04	1.7139e-06	-5.0519e-06	0.0000e+00
1791	0.0000e+00	0.0000e+00	7.7694e-04	2.3778e-06	-5.4156e-06	0.0000e+00
1792	0.0000e+00	0.0000e+00	8.9485e-04	2.9865e-06	-6.0282e-06	0.0000e+00
1793	0.0000e+00	0.0000e+00	1.0376e-03	3.5111e-06	-6.9013e-06	0.0000e+00
1794	0.0000e+00	0.0000e+00	1.2006e-03	3.9075e-06	-8.0566e-06	0.0000e+00
1795	0.0000e+00	0.0000e+00	1.3763e-03	4.0937e-06	-9.4991e-06	0.0000e+00
1796	0.0000e+00	0.0000e+00	1.5504e-03	3.8454e-06	-1.1024e-05	0.0000e+00
1797	0.0000e+00	0.0000e+00	-3.9840e-04	-1.1809e-07	-3.9170e-06	0.0000e+00
1798	0.0000e+00	0.0000e+00	-4.1683e-04	-7.2209e-07	-3.8825e-06	0.0000e+00
1799	0.0000e+00	0.0000e+00	-4.6227e-04	-1.3425e-06	-3.9559e-06	0.0000e+00
1800	0.0000e+00	0.0000e+00	-5.3352e-04	-1.8981e-06	-4.2380e-06	0.0000e+00
1801	0.0000e+00	0.0000e+00	-6.2740e-04	-2.3727e-06	-4.7411e-06	0.0000e+00
1802	0.0000e+00	0.0000e+00	-7.3998e-04	-2.7502e-06	-5.4731e-06	0.0000e+00
1803	0.0000e+00	0.0000e+00	-8.6627e-04	-2.9990e-06	-6.4439e-06	0.0000e+00
1804	0.0000e+00	0.0000e+00	-9.9894e-04	-3.0469e-06	-7.6324e-06	0.0000e+00
1805	0.0000e+00	0.0000e+00	-1.1242e-03	-2.6793e-06	-8.8039e-06	0.0000e+00
1806	0.0000e+00	0.0000e+00	-1.2737e-03	2.2271e-06	-1.1643e-05	0.0000e+00
1807	0.0000e+00	0.0000e+00	-1.1934e-03	1.4389e-06	-1.0660e-05	0.0000e+00
1808	0.0000e+00	0.0000e+00	-1.1529e-03	4.1088e-07	-9.8462e-06	0.0000e+00
1809	0.0000e+00	0.0000e+00	-1.1572e-03	-6.0214e-07	-9.5060e-06	0.0000e+00
1810	0.0000e+00	0.0000e+00	-1.2044e-03	-1.5448e-06	-9.6642e-06	0.0000e+00
1811	0.0000e+00	0.0000e+00	-1.2909e-03	-2.3890e-06	-1.0320e-05	0.0000e+00
1812	0.0000e+00	0.0000e+00	-1.4112e-03	-3.0939e-06	-1.1479e-05	0.0000e+00
1813	0.0000e+00	0.0000e+00	-1.5570e-03	-3.5571e-06	-1.3094e-05	0.0000e+00
1814	0.0000e+00	0.0000e+00	-1.7092e-03	-3.4080e-06	-1.4714e-05	0.0000e+00
1815	0.0000e+00	0.0000e+00	-1.7555e-03	2.0325e-06	-1.5064e-05	0.0000e+00
1816	0.0000e+00	0.0000e+00	-1.6880e-03	1.3943e-06	-1.3943e-05	0.0000e+00
1817	0.0000e+00	0.0000e+00	-1.6553e-03	2.6456e-07	-1.2700e-05	0.0000e+00
1818	0.0000e+00	0.0000e+00	-1.6692e-03	-9.5057e-07	-1.1835e-05	0.0000e+00
1819	0.0000e+00	0.0000e+00	-1.7309e-03	-2.1336e-06	-1.1389e-05	0.0000e+00
1820	0.0000e+00	0.0000e+00	-1.8376e-03	-3.2072e-06	-1.1331e-05	0.0000e+00
1821	0.0000e+00	0.0000e+00	-1.9832e-03	-4.0793e-06	-1.1605e-05	0.0000e+00
1822	0.0000e+00	0.0000e+00	-2.1565e-03	-4.6073e-06	-1.2110e-05	0.0000e+00
1823	0.0000e+00	0.0000e+00	-2.3377e-03	-4.5069e-06	-1.2523e-05	0.0000e+00
1824	0.0000e+00	0.0000e+00	1.8637e-03	-2.7228e-06	-1.4677e-05	0.0000e+00
1825	0.0000e+00	0.0000e+00	1.7626e-03	-1.8762e-06	-1.3447e-05	0.0000e+00
1826	0.0000e+00	0.0000e+00	1.7063e-03	-6.9407e-07	-1.2500e-05	0.0000e+00
1827	0.0000e+00	0.0000e+00	1.7029e-03	5.3594e-07	-1.2114e-05	0.0000e+00
1828	0.0000e+00	0.0000e+00	1.7528e-03	1.7338e-06	-1.2291e-05	0.0000e+00



1829	0.0000e+00	0.0000e+00	1.8534e-03	2.8454e-06	-1.3029e-05	0.0000e+00
1830	0.0000e+00	0.0000e+00	1.9995e-03	3.8054e-06	-1.4349e-05	0.0000e+00
1831	0.0000e+00	0.0000e+00	2.1815e-03	4.4915e-06	-1.6245e-05	0.0000e+00
1832	0.0000e+00	0.0000e+00	2.3788e-03	4.5056e-06	-1.8304e-05	0.0000e+00
1833	0.0000e+00	0.0000e+00	2.4670e-03	-2.2295e-06	-1.8895e-05	0.0000e+00
1834	0.0000e+00	0.0000e+00	2.3923e-03	-1.5259e-06	-1.7532e-05	0.0000e+00
1835	0.0000e+00	0.0000e+00	2.3581e-03	-2.0214e-07	-1.6164e-05	0.0000e+00
1836	0.0000e+00	0.0000e+00	2.3796e-03	1.2723e-06	-1.5289e-05	0.0000e+00
1837	0.0000e+00	0.0000e+00	2.4602e-03	2.7588e-06	-1.4912e-05	0.0000e+00
1838	0.0000e+00	0.0000e+00	2.5984e-03	4.1564e-06	-1.4983e-05	0.0000e+00
1839	0.0000e+00	0.0000e+00	2.7884e-03	5.3494e-06	-1.5453e-05	0.0000e+00
1840	0.0000e+00	0.0000e+00	3.0187e-03	6.1793e-06	-1.6256e-05	0.0000e+00
1841	0.0000e+00	0.0000e+00	3.2689e-03	6.3401e-06	-1.7154e-05	0.0000e+00
1842	0.0000e+00	0.0000e+00	-1.9282e-03	1.6955e-06	1.4662e-05	0.0000e+00
1843	0.0000e+00	0.0000e+00	-1.8581e-03	1.8426e-06	1.3746e-05	0.0000e+00
1844	0.0000e+00	0.0000e+00	-1.7915e-03	1.5008e-06	1.2867e-05	0.0000e+00
1845	0.0000e+00	0.0000e+00	-1.7419e-03	9.8289e-07	1.2399e-05	0.0000e+00
1846	0.0000e+00	0.0000e+00	-1.7138e-03	4.1419e-07	1.2353e-05	0.0000e+00
1847	0.0000e+00	0.0000e+00	-1.7042e-03	6.4168e-08	1.2442e-05	0.0000e+00
1848	0.0000e+00	0.0000e+00	1.3414e-03	-1.1263e-06	1.1649e-05	0.0000e+00
1849	0.0000e+00	0.0000e+00	1.2939e-03	-1.3021e-06	1.1015e-05	0.0000e+00
1850	0.0000e+00	0.0000e+00	1.2477e-03	-1.0274e-06	1.0322e-05	0.0000e+00
1851	0.0000e+00	0.0000e+00	1.2158e-03	-5.7207e-07	9.9393e-06	0.0000e+00
1852	0.0000e+00	0.0000e+00	1.2030e-03	-5.1607e-08	9.8830e-06	0.0000e+00
1853	0.0000e+00	0.0000e+00	1.2075e-03	3.0671e-07	9.8690e-06	0.0000e+00
1854	0.0000e+00	0.0000e+00	1.7043e-03	6.3994e-08	-1.2442e-05	0.0000e+00
1855	0.0000e+00	0.0000e+00	1.7139e-03	4.1388e-07	-1.2353e-05	0.0000e+00
1856	0.0000e+00	0.0000e+00	1.7420e-03	9.8244e-07	-1.2399e-05	0.0000e+00
1857	0.0000e+00	0.0000e+00	1.7916e-03	1.5002e-06	-1.2867e-05	0.0000e+00
1858	0.0000e+00	0.0000e+00	1.8581e-03	1.8417e-06	-1.3746e-05	0.0000e+00
1859	0.0000e+00	0.0000e+00	1.9282e-03	1.6944e-06	-1.4662e-05	0.0000e+00
1860	0.0000e+00	0.0000e+00	-1.2076e-03	3.0597e-07	-9.8695e-06	0.0000e+00
1861	0.0000e+00	0.0000e+00	-1.2032e-03	-5.2420e-08	-9.8837e-06	0.0000e+00
1862	0.0000e+00	0.0000e+00	-1.2159e-03	-5.7294e-07	-9.9401e-06	0.0000e+00
1863	0.0000e+00	0.0000e+00	-1.2479e-03	-1.0283e-06	-1.0323e-05	0.0000e+00
1864	0.0000e+00	0.0000e+00	-1.2942e-03	-1.3030e-06	-1.1016e-05	0.0000e+00
1865	0.0000e+00	0.0000e+00	-1.3416e-03	-1.1271e-06	-1.1650e-05	0.0000e+00
1866	0.0000e+00	0.0000e+00	3.6184e-04	-1.1991e-06	3.2830e-06	0.0000e+00
1867	0.0000e+00	0.0000e+00	3.0317e-04	-1.5009e-06	2.6910e-06	0.0000e+00
1868	0.0000e+00	0.0000e+00	2.3586e-04	-1.5842e-06	2.0679e-06	0.0000e+00
1869	0.0000e+00	0.0000e+00	1.6791e-04	-1.5266e-06	1.5163e-06	0.0000e+00
1870	0.0000e+00	0.0000e+00	1.0512e-04	-1.3473e-06	1.0472e-06	0.0000e+00
1871	0.0000e+00	0.0000e+00	5.2879e-05	-1.0447e-06	6.5817e-07	0.0000e+00
1872	0.0000e+00	0.0000e+00	1.6701e-05	-6.1911e-07	3.4528e-07	0.0000e+00
1873	0.0000e+00	0.0000e+00	-1.6607e-05	-6.1917e-07	-3.4495e-07	0.0000e+00
1874	0.0000e+00	0.0000e+00	-5.2787e-05	-1.0448e-06	-6.5784e-07	0.0000e+00
1875	0.0000e+00	0.0000e+00	-1.0503e-04	-1.3474e-06	-1.0468e-06	0.0000e+00
1876	0.0000e+00	0.0000e+00	-1.6783e-04	-1.5267e-06	-1.5160e-06	0.0000e+00
1877	0.0000e+00	0.0000e+00	-2.3578e-04	-1.5842e-06	-2.0676e-06	0.0000e+00
1878	0.0000e+00	0.0000e+00	-3.0309e-04	-1.5010e-06	-2.6907e-06	0.0000e+00
1879	0.0000e+00	0.0000e+00	-3.6176e-04	-1.1992e-06	-3.2828e-06	0.0000e+00
1880	0.0000e+00	0.0000e+00	-5.1685e-04	1.7922e-06	4.0901e-06	0.0000e+00
1881	0.0000e+00	0.0000e+00	-4.3321e-04	2.0476e-06	3.3349e-06	0.0000e+00
1882	0.0000e+00	0.0000e+00	-3.4285e-04	2.0921e-06	2.5790e-06	0.0000e+00
1883	0.0000e+00	0.0000e+00	-2.5331e-04	2.0063e-06	1.9169e-06	0.0000e+00
1884	0.0000e+00	0.0000e+00	-1.6988e-04	1.8122e-06	1.3489e-06	0.0000e+00
1885	0.0000e+00	0.0000e+00	-9.7268e-05	1.5117e-06	8.6687e-07	0.0000e+00
1886	0.0000e+00	0.0000e+00	-4.0135e-05	1.1130e-06	4.6402e-07	0.0000e+00
1887	0.0000e+00	0.0000e+00	4.0200e-05	1.1130e-06	-4.6432e-07	0.0000e+00
1888	0.0000e+00	0.0000e+00	9.7331e-05	1.5117e-06	-8.6716e-07	0.0000e+00
1889	0.0000e+00	0.0000e+00	1.6994e-04	1.8122e-06	-1.3492e-06	0.0000e+00
1890	0.0000e+00	0.0000e+00	2.5337e-04	2.0063e-06	-1.9172e-06	0.0000e+00
1891	0.0000e+00	0.0000e+00	3.4291e-04	2.0921e-06	-2.5793e-06	0.0000e+00
1892	0.0000e+00	0.0000e+00	4.3328e-04	2.0476e-06	-3.3352e-06	0.0000e+00
1893	0.0000e+00	0.0000e+00	5.1691e-04	1.7922e-06	-4.0904e-06	0.0000e+00
2124	-9.3029e-08	-9.7181e-04	0.0000e+00	0.0000e+00	0.0000e+00	5.3498e-05

**SPOSTAMENTI NODALI "Torcente di piano SLO" (Fase 1)**

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	1.5334e-03	-1.9990e-06	1.2635e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	8.5831e-04	6.1112e-08	1.6323e-05	0.0000e+00

3	0.0000e+00	0.0000e+00	6.3238e-04	8.5985e-07	1.2355e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	6.0752e-04	-1.1036e-08	9.7821e-06	0.0000e+00
5	0.0000e+00	0.0000e+00	1.7583e-04	1.9934e-07	3.8645e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	3.2795e-08	2.6052e-07	1.3699e-10	0.0000e+00
7	0.0000e+00	0.0000e+00	-1.7578e-04	1.9925e-07	-3.8643e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	-6.0758e-04	-1.1477e-08	-9.7825e-06	0.0000e+00
9	0.0000e+00	0.0000e+00	-6.3260e-04	8.5945e-07	-1.2356e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	-8.5863e-04	6.1978e-08	-1.6324e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-1.5324e-03	-1.9943e-06	-1.2632e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	2.7959e-04	-7.1603e-07	6.6926e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	2.6918e-04	-3.8811e-07	1.3807e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	2.2237e-04	-3.2449e-07	9.8103e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	1.5668e-04	-6.2604e-07	7.4236e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	7.1247e-05	-4.4201e-07	3.1102e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-1.9304e-09	-4.9969e-07	-2.9792e-11	0.0000e+00
18	0.0000e+00	0.0000e+00	-7.1250e-05	-4.4200e-07	-3.1103e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-1.5666e-04	-6.2598e-07	-7.4237e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-2.2235e-04	-3.2451e-07	-9.8104e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	-2.6930e-04	-3.8835e-07	-1.3807e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	-2.7902e-04	-7.1201e-07	-6.6954e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	-2.1692e-03	3.0597e-06	1.6183e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-1.2939e-03	2.5696e-07	1.9502e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	-1.0074e-03	-7.9608e-07	1.4916e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-9.0143e-04	5.6155e-07	1.1781e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	-2.8731e-04	1.2515e-07	4.6544e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	2.1350e-08	1.0569e-07	-1.2901e-10	0.0000e+00
29	0.0000e+00	0.0000e+00	2.8735e-04	1.2516e-07	-4.6546e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	9.0150e-04	5.6155e-07	-1.1781e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	1.0074e-03	-7.9712e-07	-1.4915e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	1.2932e-03	2.5846e-07	-1.9500e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	2.1713e-03	3.0689e-06	-1.6187e-05	0.0000e+00
67	0.0000e+00	0.0000e+00	2.0243e-03	-2.4014e-06	9.7776e-06	0.0000e+00
68	0.0000e+00	0.0000e+00	1.4586e-03	-2.3409e-07	1.1819e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	1.0951e-03	7.0144e-07	9.1938e-06	0.0000e+00
70	0.0000e+00	0.0000e+00	9.7648e-04	-6.0571e-07	7.3323e-06	0.0000e+00
71	0.0000e+00	0.0000e+00	3.1972e-04	-2.0000e-07	2.8539e-06	0.0000e+00
72	0.0000e+00	0.0000e+00	3.8852e-08	-1.6971e-07	1.3365e-10	0.0000e+00
73	0.0000e+00	0.0000e+00	-3.1966e-04	-2.0011e-07	-2.8537e-06	0.0000e+00
74	0.0000e+00	0.0000e+00	-9.7655e-04	-6.0620e-07	-7.3327e-06	0.0000e+00
75	0.0000e+00	0.0000e+00	-1.0954e-03	7.0097e-07	-9.1946e-06	0.0000e+00
76	0.0000e+00	0.0000e+00	-1.4590e-03	-2.3304e-07	-1.1819e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	-2.0231e-03	-2.3963e-06	-9.7758e-06	0.0000e+00
78	0.0000e+00	0.0000e+00	-2.8401e-03	3.7386e-06	1.4545e-05	0.0000e+00
79	0.0000e+00	0.0000e+00	-2.0372e-03	6.5626e-07	1.5628e-05	0.0000e+00
80	0.0000e+00	0.0000e+00	-1.5862e-03	-6.3618e-07	1.2251e-05	0.0000e+00
81	0.0000e+00	0.0000e+00	-1.3627e-03	1.3551e-06	9.7943e-06	0.0000e+00
82	0.0000e+00	0.0000e+00	-4.6656e-04	6.4117e-07	3.7737e-06	0.0000e+00
83	0.0000e+00	0.0000e+00	2.6851e-08	6.6226e-07	-1.2068e-10	0.0000e+00
84	0.0000e+00	0.0000e+00	4.6662e-04	6.4118e-07	-3.7739e-06	0.0000e+00
85	0.0000e+00	0.0000e+00	1.3628e-03	1.3551e-06	-9.7945e-06	0.0000e+00
86	0.0000e+00	0.0000e+00	1.5861e-03	-6.3742e-07	-1.2251e-05	0.0000e+00
87	0.0000e+00	0.0000e+00	2.0365e-03	6.5807e-07	-1.5627e-05	0.0000e+00
88	0.0000e+00	0.0000e+00	2.8425e-03	3.7482e-06	-1.4549e-05	0.0000e+00
89	0.0000e+00	0.0000e+00	1.6155e-03	-1.6682e-06	1.1192e-05	0.0000e+00
90	0.0000e+00	0.0000e+00	3.0425e-04	-5.0212e-07	5.7929e-06	0.0000e+00
91	0.0000e+00	0.0000e+00	-2.2920e-03	2.5341e-06	1.5171e-05	0.0000e+00
92	0.0000e+00	0.0000e+00	2.1122e-03	-1.4660e-06	1.0696e-05	0.0000e+00
93	0.0000e+00	0.0000e+00	-2.9746e-03	2.3802e-06	1.4946e-05	0.0000e+00
94	0.0000e+00	0.0000e+00	2.9774e-03	2.3891e-06	-1.4950e-05	0.0000e+00
95	0.0000e+00	0.0000e+00	-1.6143e-03	-1.6638e-06	-1.1189e-05	0.0000e+00
96	0.0000e+00	0.0000e+00	-3.0350e-04	-4.9802e-07	-5.7962e-06	0.0000e+00
97	0.0000e+00	0.0000e+00	2.2946e-03	2.5425e-06	-1.5177e-05	0.0000e+00
98	0.0000e+00	0.0000e+00	-2.1108e-03	-1.4613e-06	-1.0693e-05	0.0000e+00
99	0.0000e+00	0.0000e+00	1.0791e-03	-2.0073e-06	8.8919e-06	0.0000e+00
100	0.0000e+00	0.0000e+00	9.9846e-04	-2.0639e-06	8.5225e-06	0.0000e+00
101	0.0000e+00	0.0000e+00	1.4296e-03	-2.7131e-06	1.0997e-05	0.0000e+00
102	0.0000e+00	0.0000e+00	9.0916e-04	-2.3451e-06	8.1590e-06	0.0000e+00
103	0.0000e+00	0.0000e+00	1.3096e-03	-2.9224e-06	1.0035e-05	0.0000e+00
104	0.0000e+00	0.0000e+00	8.1351e-04	-2.3969e-06	7.7318e-06	0.0000e+00
105	0.0000e+00	0.0000e+00	1.1906e-03	-2.7850e-06	9.4221e-06	0.0000e+00
106	0.0000e+00	0.0000e+00	7.2040e-04	-2.2452e-06	7.4186e-06	0.0000e+00
107	0.0000e+00	0.0000e+00	1.0835e-03	-2.4194e-06	9.1112e-06	0.0000e+00

108	0.0000e+00	0.0000e+00	6.3599e-04	-1.9868e-06	7.2637e-06	0.0000e+00
109	0.0000e+00	0.0000e+00	9.9521e-04	-1.9218e-06	9.0982e-06	0.0000e+00
110	0.0000e+00	0.0000e+00	5.6278e-04	-1.7091e-06	7.2865e-06	0.0000e+00
111	0.0000e+00	0.0000e+00	9.2926e-04	-1.3735e-06	9.4086e-06	0.0000e+00
112	0.0000e+00	0.0000e+00	5.0017e-04	-1.4852e-06	7.4834e-06	0.0000e+00
113	0.0000e+00	0.0000e+00	8.8608e-04	-8.4444e-07	1.0097e-05	0.0000e+00
114	0.0000e+00	0.0000e+00	4.4510e-04	-1.3651e-06	7.7962e-06	0.0000e+00
115	0.0000e+00	0.0000e+00	8.6359e-04	-3.9658e-07	1.1264e-05	0.0000e+00
116	0.0000e+00	0.0000e+00	3.9499e-04	-1.2452e-06	7.9529e-06	0.0000e+00
117	0.0000e+00	0.0000e+00	8.5721e-04	-8.7005e-08	1.3091e-05	0.0000e+00
118	0.0000e+00	0.0000e+00	3.6767e-04	-1.4633e-07	7.9014e-06	0.0000e+00
119	0.0000e+00	0.0000e+00	7.6924e-04	-1.9808e-06	5.7867e-06	0.0000e+00
120	0.0000e+00	0.0000e+00	6.9038e-04	-1.9685e-06	5.6023e-06	0.0000e+00
121	0.0000e+00	0.0000e+00	6.0968e-04	-2.0444e-06	5.5738e-06	0.0000e+00
122	0.0000e+00	0.0000e+00	5.2677e-04	-2.0647e-06	5.3871e-06	0.0000e+00
123	0.0000e+00	0.0000e+00	4.4543e-04	-1.9800e-06	5.1597e-06	0.0000e+00
124	0.0000e+00	0.0000e+00	3.6926e-04	-1.8270e-06	4.9422e-06	0.0000e+00
125	0.0000e+00	0.0000e+00	2.9995e-04	-1.6583e-06	4.7545e-06	0.0000e+00
126	0.0000e+00	0.0000e+00	2.3740e-04	-1.5021e-06	4.5832e-06	0.0000e+00
127	0.0000e+00	0.0000e+00	1.8161e-04	-1.3138e-06	4.3798e-06	0.0000e+00
128	0.0000e+00	0.0000e+00	1.3650e-04	-9.1512e-07	4.0853e-06	0.0000e+00
129	0.0000e+00	0.0000e+00	1.1421e-04	-1.7884e-07	3.9223e-06	0.0000e+00
130	0.0000e+00	0.0000e+00	5.8260e-04	-1.9995e-06	3.2486e-06	0.0000e+00
131	0.0000e+00	0.0000e+00	5.0172e-04	-2.0315e-06	3.0727e-06	0.0000e+00
132	0.0000e+00	0.0000e+00	4.2105e-04	-1.9895e-06	3.1439e-06	0.0000e+00
133	0.0000e+00	0.0000e+00	3.4300e-04	-1.8966e-06	3.0840e-06	0.0000e+00
134	0.0000e+00	0.0000e+00	2.6987e-04	-1.7475e-06	2.9277e-06	0.0000e+00
135	0.0000e+00	0.0000e+00	2.0364e-04	-1.5625e-06	2.6914e-06	0.0000e+00
136	0.0000e+00	0.0000e+00	1.4518e-04	-1.3702e-06	2.3926e-06	0.0000e+00
137	0.0000e+00	0.0000e+00	9.4473e-05	-1.1774e-06	2.0418e-06	0.0000e+00
138	0.0000e+00	0.0000e+00	5.2071e-05	-9.4485e-07	1.6595e-06	0.0000e+00
139	0.0000e+00	0.0000e+00	2.0780e-05	-6.0536e-07	1.3184e-06	0.0000e+00
140	0.0000e+00	0.0000e+00	5.1383e-06	-1.7418e-07	1.1666e-06	0.0000e+00
141	0.0000e+00	0.0000e+00	4.9435e-04	-2.0302e-06	1.3160e-06	0.0000e+00
142	0.0000e+00	0.0000e+00	4.1095e-04	-2.1148e-06	1.1157e-06	0.0000e+00
143	0.0000e+00	0.0000e+00	3.2797e-04	-2.0154e-06	1.2138e-06	0.0000e+00
144	0.0000e+00	0.0000e+00	2.5117e-04	-1.8103e-06	1.2044e-06	0.0000e+00
145	0.0000e+00	0.0000e+00	1.8394e-04	-1.5431e-06	1.0872e-06	0.0000e+00
146	0.0000e+00	0.0000e+00	1.2801e-04	-1.2525e-06	8.5056e-07	0.0000e+00
147	0.0000e+00	0.0000e+00	8.3631e-05	-9.7341e-07	5.0699e-07	0.0000e+00
148	0.0000e+00	0.0000e+00	4.9831e-05	-7.2698e-07	8.6928e-08	0.0000e+00
149	0.0000e+00	0.0000e+00	2.5196e-05	-5.1316e-07	-3.4762e-07	0.0000e+00
150	0.0000e+00	0.0000e+00	8.6164e-06	-3.2008e-07	-6.9326e-07	0.0000e+00
151	0.0000e+00	0.0000e+00	-7.5399e-07	-1.5425e-07	-8.3762e-07	0.0000e+00
152	0.0000e+00	0.0000e+00	4.7699e-04	-2.0482e-06	4.6126e-08	0.0000e+00
153	0.0000e+00	0.0000e+00	3.9138e-04	-2.1986e-06	-1.9212e-07	0.0000e+00
154	0.0000e+00	0.0000e+00	3.0545e-04	-2.0682e-06	-8.4447e-08	0.0000e+00
155	0.0000e+00	0.0000e+00	2.2853e-04	-1.7601e-06	-7.5953e-08	0.0000e+00
156	0.0000e+00	0.0000e+00	1.6602e-04	-1.3572e-06	-1.7592e-07	0.0000e+00
157	0.0000e+00	0.0000e+00	1.2031e-04	-9.2865e-07	-4.0866e-07	0.0000e+00
158	0.0000e+00	0.0000e+00	9.1249e-05	-5.3349e-07	-7.6822e-07	0.0000e+00
159	0.0000e+00	0.0000e+00	7.6423e-05	-2.2572e-07	-1.2227e-06	0.0000e+00
160	0.0000e+00	0.0000e+00	7.1387e-05	-5.1560e-08	-1.6988e-06	0.0000e+00
161	0.0000e+00	0.0000e+00	7.0235e-05	-3.1913e-08	-2.0761e-06	0.0000e+00
162	0.0000e+00	0.0000e+00	6.7138e-05	-1.3734e-07	-2.2293e-06	0.0000e+00
163	0.0000e+00	0.0000e+00	5.0037e-04	-2.0291e-06	-4.9607e-07	0.0000e+00
164	0.0000e+00	0.0000e+00	4.1338e-04	-2.2757e-06	-7.9244e-07	0.0000e+00
165	0.0000e+00	0.0000e+00	3.2455e-04	-2.1257e-06	-6.8992e-07	0.0000e+00
166	0.0000e+00	0.0000e+00	2.4726e-04	-1.7182e-06	-6.9000e-07	0.0000e+00
167	0.0000e+00	0.0000e+00	1.8917e-04	-1.1786e-06	-7.9339e-07	0.0000e+00
168	0.0000e+00	0.0000e+00	1.5351e-04	-6.0459e-07	-1.0218e-06	0.0000e+00
169	0.0000e+00	0.0000e+00	1.4007e-04	-7.5906e-08	-1.3774e-06	0.0000e+00
170	0.0000e+00	0.0000e+00	1.4540e-04	3.1910e-07	-1.8494e-06	0.0000e+00
171	0.0000e+00	0.0000e+00	1.6213e-04	4.7292e-07	-2.3839e-06	0.0000e+00
172	0.0000e+00	0.0000e+00	1.7878e-04	3.0469e-07	-2.8442e-06	0.0000e+00
173	0.0000e+00	0.0000e+00	1.8285e-04	-1.2992e-07	-3.0352e-06	0.0000e+00
174	0.0000e+00	0.0000e+00	5.3136e-04	-1.9397e-06	-2.3303e-07	0.0000e+00
175	0.0000e+00	0.0000e+00	4.4482e-04	-2.3252e-06	-6.2675e-07	0.0000e+00
176	0.0000e+00	0.0000e+00	3.5436e-04	-2.1512e-06	-5.7208e-07	0.0000e+00
177	0.0000e+00	0.0000e+00	2.7810e-04	-1.6462e-06	-6.3701e-07	0.0000e+00
178	0.0000e+00	0.0000e+00	2.2529e-04	-9.9202e-07	-7.8052e-07	0.0000e+00
179	0.0000e+00	0.0000e+00	1.9945e-04	-2.9903e-07	-1.0013e-06	0.0000e+00

180	0.0000e+00	0.0000e+00	2.0062e-04	3.5889e-07	-1.3068e-06	0.0000e+00
181	0.0000e+00	0.0000e+00	2.2573e-04	8.8486e-07	-1.7284e-06	0.0000e+00
182	0.0000e+00	0.0000e+00	2.6635e-04	1.0975e-06	-2.2892e-06	0.0000e+00
183	0.0000e+00	0.0000e+00	3.0547e-04	7.6022e-07	-2.8881e-06	0.0000e+00
184	0.0000e+00	0.0000e+00	3.1920e-04	-1.3374e-07	-3.1691e-06	0.0000e+00
185	0.0000e+00	0.0000e+00	5.3318e-04	-1.7310e-06	9.3486e-07	0.0000e+00
186	0.0000e+00	0.0000e+00	4.5098e-04	-2.2890e-06	3.6557e-07	0.0000e+00
187	0.0000e+00	0.0000e+00	3.6347e-04	-2.0488e-06	2.5486e-07	0.0000e+00
188	0.0000e+00	0.0000e+00	2.9336e-04	-1.4644e-06	2.6271e-09	0.0000e+00
189	0.0000e+00	0.0000e+00	2.4885e-04	-7.7072e-07	-2.4479e-07	0.0000e+00
190	0.0000e+00	0.0000e+00	2.3237e-04	-5.0999e-08	-4.5316e-07	0.0000e+00
191	0.0000e+00	0.0000e+00	2.4427e-04	6.6352e-07	-6.2366e-07	0.0000e+00
192	0.0000e+00	0.0000e+00	2.8351e-04	1.3263e-06	-8.1445e-07	0.0000e+00
193	0.0000e+00	0.0000e+00	3.4518e-04	1.7626e-06	-1.1588e-06	0.0000e+00
194	0.0000e+00	0.0000e+00	4.1233e-04	1.4468e-06	-1.8692e-06	0.0000e+00
195	0.0000e+00	0.0000e+00	4.4100e-04	-1.5499e-07	-2.3319e-06	0.0000e+00
196	0.0000e+00	0.0000e+00	4.6449e-04	-1.3356e-06	3.1504e-06	0.0000e+00
197	0.0000e+00	0.0000e+00	3.9523e-04	-1.9963e-06	2.1974e-06	0.0000e+00
198	0.0000e+00	0.0000e+00	3.2394e-04	-1.5994e-06	1.6132e-06	0.0000e+00
199	0.0000e+00	0.0000e+00	2.7162e-04	-1.0513e-06	1.0097e-06	0.0000e+00
200	0.0000e+00	0.0000e+00	2.4141e-04	-4.7777e-07	5.9599e-07	0.0000e+00
201	0.0000e+00	0.0000e+00	2.3380e-04	9.6793e-08	3.9449e-07	0.0000e+00
202	0.0000e+00	0.0000e+00	2.4886e-04	6.7829e-07	4.2285e-07	0.0000e+00
203	0.0000e+00	0.0000e+00	2.8708e-04	1.2907e-06	6.8288e-07	0.0000e+00
204	0.0000e+00	0.0000e+00	3.4963e-04	1.9579e-06	1.1217e-06	0.0000e+00
205	0.0000e+00	0.0000e+00	4.3666e-04	2.5326e-06	1.1045e-06	0.0000e+00
206	0.0000e+00	0.0000e+00	4.8612e-04	-1.9473e-07	5.6619e-07	0.0000e+00
207	0.0000e+00	0.0000e+00	2.4991e-04	-7.3605e-07	4.1780e-06	0.0000e+00
208	0.0000e+00	0.0000e+00	2.2341e-04	-5.8927e-07	2.9322e-06	0.0000e+00
209	0.0000e+00	0.0000e+00	2.0457e-04	-3.5627e-07	2.0183e-06	0.0000e+00
210	0.0000e+00	0.0000e+00	1.9571e-04	-9.3587e-08	1.4673e-06	0.0000e+00
211	0.0000e+00	0.0000e+00	1.9719e-04	1.5953e-07	1.2445e-06	0.0000e+00
212	0.0000e+00	0.0000e+00	2.0800e-04	3.7141e-07	1.3815e-06	0.0000e+00
213	0.0000e+00	0.0000e+00	2.2584e-04	5.1078e-07	1.9839e-06	0.0000e+00
214	0.0000e+00	0.0000e+00	2.4702e-04	5.3723e-07	3.3468e-06	0.0000e+00
215	0.0000e+00	0.0000e+00	2.6567e-04	3.7844e-07	5.7904e-06	0.0000e+00
216	0.0000e+00	0.0000e+00	3.8028e-04	5.7879e-07	8.0108e-06	0.0000e+00
217	0.0000e+00	0.0000e+00	8.3596e-04	-7.3643e-07	1.2694e-05	0.0000e+00
218	0.0000e+00	0.0000e+00	3.9198e-04	4.9452e-08	7.4850e-06	0.0000e+00
219	0.0000e+00	0.0000e+00	7.8842e-04	-1.1316e-06	1.0545e-05	0.0000e+00
220	0.0000e+00	0.0000e+00	3.8346e-04	-3.5362e-07	6.7596e-06	0.0000e+00
221	0.0000e+00	0.0000e+00	7.3176e-04	-1.2344e-06	9.0915e-06	0.0000e+00
222	0.0000e+00	0.0000e+00	3.6245e-04	-5.5132e-07	6.1635e-06	0.0000e+00
223	0.0000e+00	0.0000e+00	6.7657e-04	-1.1291e-06	8.1394e-06	0.0000e+00
224	0.0000e+00	0.0000e+00	3.3664e-04	-5.9856e-07	5.7673e-06	0.0000e+00
225	0.0000e+00	0.0000e+00	6.3027e-04	-8.8138e-07	7.6070e-06	0.0000e+00
226	0.0000e+00	0.0000e+00	3.1120e-04	-5.5787e-07	5.5870e-06	0.0000e+00
227	0.0000e+00	0.0000e+00	5.9778e-04	-5.4521e-07	7.4678e-06	0.0000e+00
228	0.0000e+00	0.0000e+00	2.8873e-04	-4.8673e-07	5.6186e-06	0.0000e+00
229	0.0000e+00	0.0000e+00	5.8187e-04	-1.6656e-07	7.7340e-06	0.0000e+00
230	0.0000e+00	0.0000e+00	2.6966e-04	-4.3028e-07	5.8260e-06	0.0000e+00
231	0.0000e+00	0.0000e+00	5.8343e-04	2.1385e-07	8.4662e-06	0.0000e+00
232	0.0000e+00	0.0000e+00	2.5397e-04	-3.5061e-07	6.0232e-06	0.0000e+00
233	0.0000e+00	0.0000e+00	6.0162e-04	5.5976e-07	9.8145e-06	0.0000e+00
234	0.0000e+00	0.0000e+00	2.5683e-04	4.9128e-07	6.0884e-06	0.0000e+00
235	0.0000e+00	0.0000e+00	1.2090e-04	4.1159e-07	4.0892e-06	0.0000e+00
236	0.0000e+00	0.0000e+00	1.3865e-04	3.5691e-07	4.2140e-06	0.0000e+00
237	0.0000e+00	0.0000e+00	1.4715e-04	6.6094e-08	4.0868e-06	0.0000e+00
238	0.0000e+00	0.0000e+00	1.4350e-04	-1.8876e-07	3.8671e-06	0.0000e+00
239	0.0000e+00	0.0000e+00	1.3102e-04	-3.4994e-07	3.6488e-06	0.0000e+00
240	0.0000e+00	0.0000e+00	1.1353e-04	-4.3503e-07	3.4701e-06	0.0000e+00
241	0.0000e+00	0.0000e+00	9.3757e-05	-4.6842e-07	3.3321e-06	0.0000e+00
242	0.0000e+00	0.0000e+00	7.4082e-05	-4.3217e-07	3.2033e-06	0.0000e+00
243	0.0000e+00	0.0000e+00	5.9463e-05	-2.0372e-07	3.0271e-06	0.0000e+00
244	0.0000e+00	0.0000e+00	6.1987e-05	3.3114e-07	2.9848e-06	0.0000e+00
245	0.0000e+00	0.0000e+00	5.9754e-06	1.7829e-07	1.2933e-06	0.0000e+00
246	0.0000e+00	0.0000e+00	1.5550e-05	2.2838e-07	1.5419e-06	0.0000e+00
247	0.0000e+00	0.0000e+00	2.2436e-05	9.0282e-08	1.7068e-06	0.0000e+00
248	0.0000e+00	0.0000e+00	2.2253e-05	-7.6754e-08	1.7454e-06	0.0000e+00
249	0.0000e+00	0.0000e+00	1.5770e-05	-1.9835e-07	1.6800e-06	0.0000e+00
250	0.0000e+00	0.0000e+00	5.3526e-06	-2.6460e-07	1.5360e-06	0.0000e+00
251	0.0000e+00	0.0000e+00	-6.6952e-06	-2.7891e-07	1.3311e-06	0.0000e+00

252	0.0000e+00	0.0000e+00	-1.7807e-05	-2.1913e-07	1.0863e-06	0.0000e+00
253	0.0000e+00	0.0000e+00	-2.3764e-05	-3.6002e-08	8.6252e-07	0.0000e+00
254	0.0000e+00	0.0000e+00	-1.8991e-05	2.5354e-07	7.9607e-07	0.0000e+00
255	0.0000e+00	0.0000e+00	-4.9729e-06	-4.9218e-08	-7.1746e-07	0.0000e+00
256	0.0000e+00	0.0000e+00	-6.9677e-06	-4.6777e-08	-4.1733e-07	0.0000e+00
257	0.0000e+00	0.0000e+00	-1.0289e-05	-9.5965e-08	-1.1571e-07	0.0000e+00
258	0.0000e+00	0.0000e+00	-1.5680e-05	-1.3379e-07	7.5323e-08	0.0000e+00
259	0.0000e+00	0.0000e+00	-2.1825e-05	-1.3203e-07	1.1805e-07	0.0000e+00
260	0.0000e+00	0.0000e+00	-2.6974e-05	-9.4609e-08	1.7605e-08	0.0000e+00
261	0.0000e+00	0.0000e+00	-2.9882e-05	-3.5518e-08	-1.9715e-07	0.0000e+00
262	0.0000e+00	0.0000e+00	-2.9804e-05	3.9379e-08	-4.6952e-07	0.0000e+00
263	0.0000e+00	0.0000e+00	-2.6034e-05	1.3242e-07	-7.0405e-07	0.0000e+00
264	0.0000e+00	0.0000e+00	-1.8005e-05	2.2813e-07	-7.8951e-07	0.0000e+00
265	0.0000e+00	0.0000e+00	5.7303e-05	-3.0418e-07	-2.0805e-06	0.0000e+00
266	0.0000e+00	0.0000e+00	4.1144e-05	-4.0903e-07	-1.7078e-06	0.0000e+00
267	0.0000e+00	0.0000e+00	2.2787e-05	-4.0245e-07	-1.3087e-06	0.0000e+00
268	0.0000e+00	0.0000e+00	7.0376e-06	-2.9646e-07	-1.0254e-06	0.0000e+00
269	0.0000e+00	0.0000e+00	-2.5249e-06	-1.2873e-07	-9.1649e-07	0.0000e+00
270	0.0000e+00	0.0000e+00	-4.1120e-06	5.8616e-08	-9.8459e-07	0.0000e+00
271	0.0000e+00	0.0000e+00	2.1959e-06	2.2211e-07	-1.1992e-06	0.0000e+00
272	0.0000e+00	0.0000e+00	1.4375e-05	3.1768e-07	-1.4939e-06	0.0000e+00
273	0.0000e+00	0.0000e+00	2.8669e-05	3.1515e-07	-1.7571e-06	0.0000e+00
274	0.0000e+00	0.0000e+00	4.0801e-05	2.2689e-07	-1.8625e-06	0.0000e+00
275	0.0000e+00	0.0000e+00	1.6538e-04	-6.3720e-07	-2.8190e-06	0.0000e+00
276	0.0000e+00	0.0000e+00	1.3103e-04	-8.6861e-07	-2.3283e-06	0.0000e+00
277	0.0000e+00	0.0000e+00	9.3705e-05	-7.8935e-07	-1.8458e-06	0.0000e+00
278	0.0000e+00	0.0000e+00	6.4641e-05	-5.1501e-07	-1.5216e-06	0.0000e+00
279	0.0000e+00	0.0000e+00	4.9705e-05	-1.5967e-07	-1.3906e-06	0.0000e+00
280	0.0000e+00	0.0000e+00	5.0646e-05	1.9986e-07	-1.4428e-06	0.0000e+00
281	0.0000e+00	0.0000e+00	6.6202e-05	4.9494e-07	-1.6571e-06	0.0000e+00
282	0.0000e+00	0.0000e+00	9.1715e-05	6.3625e-07	-1.9859e-06	0.0000e+00
283	0.0000e+00	0.0000e+00	1.1842e-04	5.3792e-07	-2.3119e-06	0.0000e+00
284	0.0000e+00	0.0000e+00	1.3563e-04	2.2525e-07	-2.4452e-06	0.0000e+00
285	0.0000e+00	0.0000e+00	2.9016e-04	-1.1175e-06	-2.8271e-06	0.0000e+00
286	0.0000e+00	0.0000e+00	2.3187e-04	-1.4311e-06	-2.1817e-06	0.0000e+00
287	0.0000e+00	0.0000e+00	1.7321e-04	-1.1965e-06	-1.6928e-06	0.0000e+00
288	0.0000e+00	0.0000e+00	1.3092e-04	-7.2435e-07	-1.4290e-06	0.0000e+00
289	0.0000e+00	0.0000e+00	1.1086e-04	-1.9306e-07	-1.3365e-06	0.0000e+00
290	0.0000e+00	0.0000e+00	1.1383e-04	3.2488e-07	-1.3779e-06	0.0000e+00
291	0.0000e+00	0.0000e+00	1.3806e-04	7.6927e-07	-1.5542e-06	0.0000e+00
292	0.0000e+00	0.0000e+00	1.7796e-04	1.0120e-06	-1.8842e-06	0.0000e+00
293	0.0000e+00	0.0000e+00	2.2033e-04	8.4194e-07	-2.3036e-06	0.0000e+00
294	0.0000e+00	0.0000e+00	2.4416e-04	1.9918e-07	-2.4895e-06	0.0000e+00
295	0.0000e+00	0.0000e+00	3.9355e-04	-1.8392e-06	-1.7655e-06	0.0000e+00
296	0.0000e+00	0.0000e+00	3.0621e-04	-1.9808e-06	-1.0585e-06	0.0000e+00
297	0.0000e+00	0.0000e+00	2.3108e-04	-1.4535e-06	-8.6302e-07	0.0000e+00
298	0.0000e+00	0.0000e+00	1.8187e-04	-8.1620e-07	-8.4681e-07	0.0000e+00
299	0.0000e+00	0.0000e+00	1.5996e-04	-1.9745e-07	-8.6786e-07	0.0000e+00
300	0.0000e+00	0.0000e+00	1.6425e-04	3.9295e-07	-8.8250e-07	0.0000e+00
301	0.0000e+00	0.0000e+00	1.9348e-04	9.4958e-07	-9.1217e-07	0.0000e+00
302	0.0000e+00	0.0000e+00	2.4459e-04	1.3789e-06	-1.0506e-06	0.0000e+00
303	0.0000e+00	0.0000e+00	3.0579e-04	1.2913e-06	-1.5122e-06	0.0000e+00
304	0.0000e+00	0.0000e+00	3.3922e-04	1.2640e-07	-1.8063e-06	0.0000e+00
305	0.0000e+00	0.0000e+00	4.1193e-04	-2.8226e-06	1.2847e-06	0.0000e+00
306	0.0000e+00	0.0000e+00	3.1046e-04	-1.9696e-06	9.9925e-07	0.0000e+00
307	0.0000e+00	0.0000e+00	2.4195e-04	-1.2545e-06	3.8171e-07	0.0000e+00
308	0.0000e+00	0.0000e+00	2.0077e-04	-6.6804e-07	-2.0381e-08	0.0000e+00
309	0.0000e+00	0.0000e+00	1.8314e-04	-1.5264e-07	-1.9707e-07	0.0000e+00
310	0.0000e+00	0.0000e+00	1.8708e-04	3.3512e-07	-1.6369e-07	0.0000e+00
311	0.0000e+00	0.0000e+00	2.1212e-04	8.3138e-07	7.2313e-08	0.0000e+00
312	0.0000e+00	0.0000e+00	2.5902e-04	1.3702e-06	4.8991e-07	0.0000e+00
313	0.0000e+00	0.0000e+00	3.2907e-04	1.9265e-06	6.9179e-07	0.0000e+00
314	0.0000e+00	0.0000e+00	3.7562e-04	-2.0264e-08	3.4626e-07	0.0000e+00
315	0.0000e+00	0.0000e+00	2.4825e-04	-5.5928e-07	5.3405e-06	0.0000e+00
316	0.0000e+00	0.0000e+00	2.2333e-04	-5.6713e-07	2.7535e-06	0.0000e+00
317	0.0000e+00	0.0000e+00	2.0072e-04	-4.5575e-07	1.3771e-06	0.0000e+00
318	0.0000e+00	0.0000e+00	1.8458e-04	-2.7515e-07	6.9627e-07	0.0000e+00
319	0.0000e+00	0.0000e+00	1.7710e-04	-6.5287e-08	4.2863e-07	0.0000e+00
320	0.0000e+00	0.0000e+00	1.7877e-04	1.3810e-07	4.9226e-07	0.0000e+00
321	0.0000e+00	0.0000e+00	1.8853e-04	2.9991e-07	9.1490e-07	0.0000e+00
322	0.0000e+00	0.0000e+00	2.0363e-04	3.7863e-07	1.8810e-06	0.0000e+00
323	0.0000e+00	0.0000e+00	2.1887e-04	2.9810e-07	3.7462e-06	0.0000e+00

324	0.0000e+00	0.0000e+00	2.9906e-04	-3.1725e-09	5.2226e-06	0.0000e+00
325	0.0000e+00	0.0000e+00	3.0326e-04	1.1341e-07	5.1085e-06	0.0000e+00
326	0.0000e+00	0.0000e+00	5.8323e-04	-7.9124e-07	7.6016e-06	0.0000e+00
327	0.0000e+00	0.0000e+00	2.9603e-04	-3.8085e-07	4.5975e-06	0.0000e+00
328	0.0000e+00	0.0000e+00	5.3343e-04	-1.2382e-06	6.1943e-06	0.0000e+00
329	0.0000e+00	0.0000e+00	2.7045e-04	-7.2874e-07	3.9639e-06	0.0000e+00
330	0.0000e+00	0.0000e+00	4.7065e-04	-1.4452e-06	5.1445e-06	0.0000e+00
331	0.0000e+00	0.0000e+00	2.3380e-04	-9.0226e-07	3.3867e-06	0.0000e+00
332	0.0000e+00	0.0000e+00	4.0365e-04	-1.4766e-06	4.3457e-06	0.0000e+00
333	0.0000e+00	0.0000e+00	1.9278e-04	-9.4125e-07	2.9034e-06	0.0000e+00
334	0.0000e+00	0.0000e+00	3.3884e-04	-1.3795e-06	3.7494e-06	0.0000e+00
335	0.0000e+00	0.0000e+00	1.5241e-04	-8.8360e-07	2.5218e-06	0.0000e+00
336	0.0000e+00	0.0000e+00	2.8093e-04	-1.1883e-06	3.3342e-06	0.0000e+00
337	0.0000e+00	0.0000e+00	1.1627e-04	-7.5881e-07	2.2408e-06	0.0000e+00
338	0.0000e+00	0.0000e+00	2.3334e-04	-9.2706e-07	3.0961e-06	0.0000e+00
339	0.0000e+00	0.0000e+00	8.6868e-05	-5.8665e-07	2.0509e-06	0.0000e+00
340	0.0000e+00	0.0000e+00	1.9868e-04	-6.1026e-07	3.0502e-06	0.0000e+00
341	0.0000e+00	0.0000e+00	6.6381e-05	-3.6171e-07	1.9048e-06	0.0000e+00
342	0.0000e+00	0.0000e+00	1.7906e-04	-2.4216e-07	3.2439e-06	0.0000e+00
343	0.0000e+00	0.0000e+00	6.0450e-05	6.9321e-08	1.8227e-06	0.0000e+00
344	0.0000e+00	0.0000e+00	1.2565e-04	8.3178e-08	2.8295e-06	0.0000e+00
345	0.0000e+00	0.0000e+00	1.3223e-04	1.8907e-07	2.8395e-06	0.0000e+00
346	0.0000e+00	0.0000e+00	1.3617e-04	-1.3802e-08	2.7697e-06	0.0000e+00
347	0.0000e+00	0.0000e+00	1.2886e-04	-2.8312e-07	2.5290e-06	0.0000e+00
348	0.0000e+00	0.0000e+00	1.1135e-04	-4.7548e-07	2.2202e-06	0.0000e+00
349	0.0000e+00	0.0000e+00	8.7766e-05	-5.6744e-07	1.9040e-06	0.0000e+00
350	0.0000e+00	0.0000e+00	6.2232e-05	-5.7351e-07	1.6090e-06	0.0000e+00
351	0.0000e+00	0.0000e+00	3.8090e-05	-5.1130e-07	1.3471e-06	0.0000e+00
352	0.0000e+00	0.0000e+00	1.8140e-05	-3.8555e-07	1.1209e-06	0.0000e+00
353	0.0000e+00	0.0000e+00	5.3303e-06	-1.8128e-07	9.3257e-07	0.0000e+00
354	0.0000e+00	0.0000e+00	3.0923e-06	7.6809e-08	8.5333e-07	0.0000e+00
355	0.0000e+00	0.0000e+00	4.1957e-05	9.2635e-08	1.0616e-06	0.0000e+00
356	0.0000e+00	0.0000e+00	4.6985e-05	1.2799e-07	1.1362e-06	0.0000e+00
357	0.0000e+00	0.0000e+00	5.0564e-05	3.1057e-08	1.2178e-06	0.0000e+00
358	0.0000e+00	0.0000e+00	4.8124e-05	-1.2675e-07	1.2125e-06	0.0000e+00
359	0.0000e+00	0.0000e+00	3.9124e-05	-2.5883e-07	1.1172e-06	0.0000e+00
360	0.0000e+00	0.0000e+00	2.5714e-05	-3.2872e-07	9.6054e-07	0.0000e+00
361	0.0000e+00	0.0000e+00	1.0726e-05	-3.3553e-07	7.7014e-07	0.0000e+00
362	0.0000e+00	0.0000e+00	-3.2820e-06	-2.8846e-07	5.6876e-07	0.0000e+00
363	0.0000e+00	0.0000e+00	-1.4109e-05	-1.9307e-07	3.7963e-07	0.0000e+00
364	0.0000e+00	0.0000e+00	-1.9767e-05	-5.5818e-08	2.3668e-07	0.0000e+00
365	0.0000e+00	0.0000e+00	-1.9066e-05	8.5251e-08	1.8354e-07	0.0000e+00
366	0.0000e+00	0.0000e+00	2.5402e-05	3.0905e-08	-2.5642e-07	0.0000e+00
367	0.0000e+00	0.0000e+00	2.5966e-05	-4.2480e-09	-1.2101e-07	0.0000e+00
368	0.0000e+00	0.0000e+00	2.4113e-05	-7.5551e-08	5.1311e-08	0.0000e+00
369	0.0000e+00	0.0000e+00	1.8804e-05	-1.5360e-07	1.8261e-07	0.0000e+00
370	0.0000e+00	0.0000e+00	1.0593e-05	-2.0349e-07	2.3273e-07	0.0000e+00
371	0.0000e+00	0.0000e+00	1.1459e-06	-2.1068e-07	2.0006e-07	0.0000e+00
372	0.0000e+00	0.0000e+00	-7.6910e-06	-1.7908e-07	1.0291e-07	0.0000e+00
373	0.0000e+00	0.0000e+00	-1.4461e-05	-1.2033e-07	-3.1837e-08	0.0000e+00
374	0.0000e+00	0.0000e+00	-1.8258e-05	-4.6939e-08	-1.6997e-07	0.0000e+00
375	0.0000e+00	0.0000e+00	-1.8740e-05	2.7231e-08	-2.6997e-07	0.0000e+00
376	0.0000e+00	0.0000e+00	-1.6306e-05	8.1518e-08	-2.9626e-07	0.0000e+00
377	0.0000e+00	0.0000e+00	5.7252e-05	-8.4069e-08	-1.1615e-06	0.0000e+00
378	0.0000e+00	0.0000e+00	5.0880e-05	-2.0007e-07	-9.7652e-07	0.0000e+00
379	0.0000e+00	0.0000e+00	4.0031e-05	-2.7936e-07	-7.2934e-07	0.0000e+00
380	0.0000e+00	0.0000e+00	2.7013e-05	-2.9730e-07	-5.0626e-07	0.0000e+00
381	0.0000e+00	0.0000e+00	1.4494e-05	-2.5925e-07	-3.6402e-07	0.0000e+00
382	0.0000e+00	0.0000e+00	4.5532e-06	-1.8365e-07	-3.1596e-07	0.0000e+00
383	0.0000e+00	0.0000e+00	-1.6101e-06	-9.1108e-08	-3.4834e-07	0.0000e+00
384	0.0000e+00	0.0000e+00	-3.7041e-06	-2.5322e-09	-4.3476e-07	0.0000e+00
385	0.0000e+00	0.0000e+00	-2.3723e-06	6.0635e-08	-5.3923e-07	0.0000e+00
386	0.0000e+00	0.0000e+00	8.5607e-07	8.1238e-08	-6.1620e-07	0.0000e+00
387	0.0000e+00	0.0000e+00	3.9868e-06	5.7697e-08	-6.2354e-07	0.0000e+00
388	0.0000e+00	0.0000e+00	1.1959e-04	-2.2111e-07	-1.6573e-06	0.0000e+00
389	0.0000e+00	0.0000e+00	1.0441e-04	-4.5710e-07	-1.4344e-06	0.0000e+00
390	0.0000e+00	0.0000e+00	8.1453e-05	-5.5946e-07	-1.1161e-06	0.0000e+00
391	0.0000e+00	0.0000e+00	5.7445e-05	-5.1290e-07	-8.3383e-07	0.0000e+00
392	0.0000e+00	0.0000e+00	3.7689e-05	-3.7705e-07	-6.5045e-07	0.0000e+00
393	0.0000e+00	0.0000e+00	2.4750e-05	-2.0906e-07	-5.6895e-07	0.0000e+00
394	0.0000e+00	0.0000e+00	1.9178e-05	-4.5099e-08	-5.7040e-07	0.0000e+00
395	0.0000e+00	0.0000e+00	2.0192e-05	8.6656e-08	-6.3243e-07	0.0000e+00

396	0.0000e+00	0.0000e+00	2.5701e-05	1.5355e-07	-7.2681e-07	0.0000e+00
397	0.0000e+00	0.0000e+00	3.2164e-05	1.2624e-07	-8.0664e-07	0.0000e+00
398	0.0000e+00	0.0000e+00	3.5420e-05	1.4772e-08	-8.0855e-07	0.0000e+00
399	0.0000e+00	0.0000e+00	1.9386e-04	-3.4650e-07	-1.7083e-06	0.0000e+00
400	0.0000e+00	0.0000e+00	1.6834e-04	-7.8368e-07	-1.4455e-06	0.0000e+00
401	0.0000e+00	0.0000e+00	1.3039e-04	-8.9393e-07	-1.0610e-06	0.0000e+00
402	0.0000e+00	0.0000e+00	9.3987e-05	-7.4563e-07	-7.8210e-07	0.0000e+00
403	0.0000e+00	0.0000e+00	6.6667e-05	-4.9954e-07	-6.3211e-07	0.0000e+00
404	0.0000e+00	0.0000e+00	5.0427e-05	-2.4537e-07	-5.7212e-07	0.0000e+00
405	0.0000e+00	0.0000e+00	4.4781e-05	-1.6725e-08	-5.7208e-07	0.0000e+00
406	0.0000e+00	0.0000e+00	4.8159e-05	1.6404e-07	-6.1983e-07	0.0000e+00
407	0.0000e+00	0.0000e+00	5.7673e-05	2.5434e-07	-7.1195e-07	0.0000e+00
408	0.0000e+00	0.0000e+00	6.7983e-05	1.8813e-07	-8.1914e-07	0.0000e+00
409	0.0000e+00	0.0000e+00	7.1466e-05	-4.4138e-08	-8.3422e-07	0.0000e+00
410	0.0000e+00	0.0000e+00	2.5812e-04	-4.3674e-07	-1.1862e-06	0.0000e+00
411	0.0000e+00	0.0000e+00	2.2024e-04	-1.2070e-06	-8.4941e-07	0.0000e+00
412	0.0000e+00	0.0000e+00	1.6570e-04	-1.2025e-06	-4.6528e-07	0.0000e+00
413	0.0000e+00	0.0000e+00	1.2010e-04	-8.8806e-07	-3.6152e-07	0.0000e+00
414	0.0000e+00	0.0000e+00	8.8953e-05	-5.5082e-07	-3.5755e-07	0.0000e+00
415	0.0000e+00	0.0000e+00	7.1606e-05	-2.5294e-07	-3.7617e-07	0.0000e+00
416	0.0000e+00	0.0000e+00	6.6251e-05	2.7574e-09	-3.9116e-07	0.0000e+00
417	0.0000e+00	0.0000e+00	7.1103e-05	2.1659e-07	-4.0552e-07	0.0000e+00
418	0.0000e+00	0.0000e+00	8.3823e-05	3.5742e-07	-4.4767e-07	0.0000e+00
419	0.0000e+00	0.0000e+00	9.9179e-05	2.9887e-07	-5.8039e-07	0.0000e+00
420	0.0000e+00	0.0000e+00	1.0385e-04	-1.1936e-07	-6.3208e-07	0.0000e+00
421	0.0000e+00	0.0000e+00	2.7797e-04	-4.8542e-07	4.3532e-07	0.0000e+00
422	0.0000e+00	0.0000e+00	2.2531e-04	-1.7212e-06	8.0948e-07	0.0000e+00
423	0.0000e+00	0.0000e+00	1.6362e-04	-1.1868e-06	6.3262e-07	0.0000e+00
424	0.0000e+00	0.0000e+00	1.2196e-04	-7.7115e-07	2.8699e-07	0.0000e+00
425	0.0000e+00	0.0000e+00	9.5672e-05	-4.5583e-07	5.1184e-08	0.0000e+00
426	0.0000e+00	0.0000e+00	8.1475e-05	-2.0546e-07	-7.5467e-08	0.0000e+00
427	0.0000e+00	0.0000e+00	7.7165e-05	3.8679e-09	-1.0728e-07	0.0000e+00
428	0.0000e+00	0.0000e+00	8.1301e-05	1.8804e-07	-5.5172e-08	0.0000e+00
429	0.0000e+00	0.0000e+00	9.2909e-05	3.5704e-07	6.6387e-08	0.0000e+00
430	0.0000e+00	0.0000e+00	1.1093e-04	4.9090e-07	1.2156e-07	0.0000e+00
431	0.0000e+00	0.0000e+00	1.1831e-04	-2.1721e-07	3.3227e-08	0.0000e+00
432	0.0000e+00	0.0000e+00	1.3302e-04	-5.0023e-07	2.9597e-06	0.0000e+00
433	0.0000e+00	0.0000e+00	1.1279e-04	-4.2327e-07	1.5722e-06	0.0000e+00
434	0.0000e+00	0.0000e+00	9.6436e-05	-3.2239e-07	8.1701e-07	0.0000e+00
435	0.0000e+00	0.0000e+00	8.4766e-05	-2.1123e-07	4.1797e-07	0.0000e+00
436	0.0000e+00	0.0000e+00	7.7905e-05	-1.0488e-07	2.2097e-07	0.0000e+00
437	0.0000e+00	0.0000e+00	7.5340e-05	-1.6877e-08	1.7297e-07	0.0000e+00
438	0.0000e+00	0.0000e+00	7.5969e-05	3.9754e-08	2.6923e-07	0.0000e+00
439	0.0000e+00	0.0000e+00	7.8056e-05	4.8528e-08	5.6135e-07	0.0000e+00
440	0.0000e+00	0.0000e+00	7.8757e-05	-2.8348e-08	1.1607e-06	0.0000e+00
441	0.0000e+00	0.0000e+00	-6.0409e-05	6.9255e-08	-1.8225e-06	0.0000e+00
442	0.0000e+00	0.0000e+00	-6.6344e-05	-3.6183e-07	-1.9046e-06	0.0000e+00
443	0.0000e+00	0.0000e+00	-1.7902e-04	-2.4230e-07	-3.2437e-06	0.0000e+00
444	0.0000e+00	0.0000e+00	-8.6837e-05	-5.8679e-07	-2.0507e-06	0.0000e+00
445	0.0000e+00	0.0000e+00	-1.9865e-04	-6.1044e-07	-3.0501e-06	0.0000e+00
446	0.0000e+00	0.0000e+00	-1.1624e-04	-7.5897e-07	-2.2407e-06	0.0000e+00
447	0.0000e+00	0.0000e+00	-2.3331e-04	-9.2726e-07	-3.0960e-06	0.0000e+00
448	0.0000e+00	0.0000e+00	-1.5240e-04	-8.8377e-07	-2.5217e-06	0.0000e+00
449	0.0000e+00	0.0000e+00	-2.8091e-04	-1.1886e-06	-3.3341e-06	0.0000e+00
450	0.0000e+00	0.0000e+00	-1.9277e-04	-9.4143e-07	-2.9034e-06	0.0000e+00
451	0.0000e+00	0.0000e+00	-3.3883e-04	-1.3797e-06	-3.7494e-06	0.0000e+00
452	0.0000e+00	0.0000e+00	-2.3380e-04	-9.0247e-07	-3.3867e-06	0.0000e+00
453	0.0000e+00	0.0000e+00	-4.0365e-04	-1.4769e-06	-4.3458e-06	0.0000e+00
454	0.0000e+00	0.0000e+00	-2.7046e-04	-7.2898e-07	-3.9640e-06	0.0000e+00
455	0.0000e+00	0.0000e+00	-4.7067e-04	-1.4455e-06	-5.1447e-06	0.0000e+00
456	0.0000e+00	0.0000e+00	-2.9605e-04	-3.8112e-07	-4.5977e-06	0.0000e+00
457	0.0000e+00	0.0000e+00	-5.3346e-04	-1.2385e-06	-6.1945e-06	0.0000e+00
458	0.0000e+00	0.0000e+00	-3.0330e-04	1.1310e-07	-5.1088e-06	0.0000e+00
459	0.0000e+00	0.0000e+00	-5.8327e-04	-7.9164e-07	-7.6019e-06	0.0000e+00
460	0.0000e+00	0.0000e+00	-2.9910e-04	-3.5232e-09	-5.2230e-06	0.0000e+00
461	0.0000e+00	0.0000e+00	-3.0616e-06	7.6765e-08	-8.5310e-07	0.0000e+00
462	0.0000e+00	0.0000e+00	-5.3022e-06	-1.8135e-07	-9.3237e-07	0.0000e+00
463	0.0000e+00	0.0000e+00	-1.8116e-05	-3.8565e-07	-1.1208e-06	0.0000e+00
464	0.0000e+00	0.0000e+00	-3.8070e-05	-5.1141e-07	-1.3470e-06	0.0000e+00
465	0.0000e+00	0.0000e+00	-6.2217e-05	-5.7363e-07	-1.6089e-06	0.0000e+00
466	0.0000e+00	0.0000e+00	-8.7757e-05	-5.6757e-07	-1.9039e-06	0.0000e+00
467	0.0000e+00	0.0000e+00	-1.1134e-04	-4.7562e-07	-2.2202e-06	0.0000e+00

468	0.0000e+00	0.0000e+00	-1.2886e-04	-2.8328e-07	-2.5291e-06	0.0000e+00
469	0.0000e+00	0.0000e+00	-1.3618e-04	-1.3994e-08	-2.7698e-06	0.0000e+00
470	0.0000e+00	0.0000e+00	-1.3225e-04	1.8885e-07	-2.8397e-06	0.0000e+00
471	0.0000e+00	0.0000e+00	-1.2568e-04	8.2920e-08	-2.8298e-06	0.0000e+00
472	0.0000e+00	0.0000e+00	1.9087e-05	8.5225e-08	-1.8334e-07	0.0000e+00
473	0.0000e+00	0.0000e+00	1.9786e-05	-5.5863e-08	-2.3649e-07	0.0000e+00
474	0.0000e+00	0.0000e+00	1.4126e-05	-1.9313e-07	-3.7948e-07	0.0000e+00
475	0.0000e+00	0.0000e+00	3.2963e-06	-2.8853e-07	-5.6865e-07	0.0000e+00
476	0.0000e+00	0.0000e+00	-1.0714e-05	-3.3561e-07	-7.7006e-07	0.0000e+00
477	0.0000e+00	0.0000e+00	-2.5707e-05	-3.2880e-07	-9.6050e-07	0.0000e+00
478	0.0000e+00	0.0000e+00	-3.9120e-05	-2.5893e-07	-1.1172e-06	0.0000e+00
479	0.0000e+00	0.0000e+00	-4.8125e-05	-1.2686e-07	-1.2126e-06	0.0000e+00
480	0.0000e+00	0.0000e+00	-5.0570e-05	3.0930e-08	-1.2179e-06	0.0000e+00
481	0.0000e+00	0.0000e+00	-4.6997e-05	1.2785e-07	-1.1364e-06	0.0000e+00
482	0.0000e+00	0.0000e+00	-4.1977e-05	9.2461e-08	-1.0619e-06	0.0000e+00
483	0.0000e+00	0.0000e+00	1.6319e-05	8.1507e-08	2.9643e-07	0.0000e+00
484	0.0000e+00	0.0000e+00	1.8752e-05	2.7209e-08	2.7012e-07	0.0000e+00
485	0.0000e+00	0.0000e+00	1.8269e-05	-4.6971e-08	1.7010e-07	0.0000e+00
486	0.0000e+00	0.0000e+00	1.4470e-05	-1.2037e-07	3.1942e-08	0.0000e+00
487	0.0000e+00	0.0000e+00	7.6987e-06	-1.7912e-07	-1.0283e-07	0.0000e+00
488	0.0000e+00	0.0000e+00	-1.1402e-06	-2.1073e-07	-2.0001e-07	0.0000e+00
489	0.0000e+00	0.0000e+00	-1.0590e-05	-2.0355e-07	-2.3272e-07	0.0000e+00
490	0.0000e+00	0.0000e+00	-1.8803e-05	-1.5366e-07	-1.8264e-07	0.0000e+00
491	0.0000e+00	0.0000e+00	-2.4115e-05	-7.5623e-08	-5.1386e-08	0.0000e+00
492	0.0000e+00	0.0000e+00	-2.5972e-05	-4.3348e-09	1.2089e-07	0.0000e+00
493	0.0000e+00	0.0000e+00	-2.5411e-05	3.0802e-08	2.5623e-07	0.0000e+00
494	0.0000e+00	0.0000e+00	-3.9803e-06	5.7695e-08	6.2367e-07	0.0000e+00
495	0.0000e+00	0.0000e+00	-8.4973e-07	8.1231e-08	6.1632e-07	0.0000e+00
496	0.0000e+00	0.0000e+00	2.3782e-06	6.0624e-08	5.3933e-07	0.0000e+00
497	0.0000e+00	0.0000e+00	3.7094e-06	-2.5471e-09	4.3485e-07	0.0000e+00
498	0.0000e+00	0.0000e+00	1.6147e-06	-9.1125e-08	3.4840e-07	0.0000e+00
499	0.0000e+00	0.0000e+00	-4.5494e-06	-1.8367e-07	3.1600e-07	0.0000e+00
500	0.0000e+00	0.0000e+00	-1.4491e-05	-2.5927e-07	3.6404e-07	0.0000e+00
501	0.0000e+00	0.0000e+00	-2.7011e-05	-2.9732e-07	5.0625e-07	0.0000e+00
502	0.0000e+00	0.0000e+00	-4.0030e-05	-2.7939e-07	7.2930e-07	0.0000e+00
503	0.0000e+00	0.0000e+00	-5.0881e-05	-2.0011e-07	9.7644e-07	0.0000e+00
504	0.0000e+00	0.0000e+00	-5.7255e-05	-8.4117e-08	1.1614e-06	0.0000e+00
505	0.0000e+00	0.0000e+00	-3.5418e-05	1.4776e-08	8.0864e-07	0.0000e+00
506	0.0000e+00	0.0000e+00	-3.2162e-05	1.2625e-07	8.0673e-07	0.0000e+00
507	0.0000e+00	0.0000e+00	-2.5699e-05	1.5356e-07	7.2688e-07	0.0000e+00
508	0.0000e+00	0.0000e+00	-2.0190e-05	8.6657e-08	6.3249e-07	0.0000e+00
509	0.0000e+00	0.0000e+00	-1.9176e-05	-4.5099e-08	5.7046e-07	0.0000e+00
510	0.0000e+00	0.0000e+00	-2.4748e-05	-2.0906e-07	5.6899e-07	0.0000e+00
511	0.0000e+00	0.0000e+00	-3.7687e-05	-3.7705e-07	6.5047e-07	0.0000e+00
512	0.0000e+00	0.0000e+00	-5.7443e-05	-5.1289e-07	8.3382e-07	0.0000e+00
513	0.0000e+00	0.0000e+00	-8.1451e-05	-5.5946e-07	1.1160e-06	0.0000e+00
514	0.0000e+00	0.0000e+00	-1.0441e-04	-4.5711e-07	1.4344e-06	0.0000e+00
515	0.0000e+00	0.0000e+00	-1.1959e-04	-2.2111e-07	1.6572e-06	0.0000e+00
516	0.0000e+00	0.0000e+00	-7.1468e-05	-4.4132e-08	8.3428e-07	0.0000e+00
517	0.0000e+00	0.0000e+00	-6.7985e-05	1.8814e-07	8.1920e-07	0.0000e+00
518	0.0000e+00	0.0000e+00	-5.7674e-05	2.5435e-07	7.1200e-07	0.0000e+00
519	0.0000e+00	0.0000e+00	-4.8159e-05	1.6405e-07	6.1987e-07	0.0000e+00
520	0.0000e+00	0.0000e+00	-4.4781e-05	-1.6713e-08	5.7212e-07	0.0000e+00
521	0.0000e+00	0.0000e+00	-5.0427e-05	-2.4536e-07	5.7215e-07	0.0000e+00
522	0.0000e+00	0.0000e+00	-6.6666e-05	-4.9953e-07	6.3212e-07	0.0000e+00
523	0.0000e+00	0.0000e+00	-9.3985e-05	-7.4561e-07	7.8211e-07	0.0000e+00
524	0.0000e+00	0.0000e+00	-1.3039e-04	-8.9391e-07	1.0610e-06	0.0000e+00
525	0.0000e+00	0.0000e+00	-1.6833e-04	-7.8365e-07	1.4454e-06	0.0000e+00
526	0.0000e+00	0.0000e+00	-1.9385e-04	-3.4647e-07	1.7083e-06	0.0000e+00
527	0.0000e+00	0.0000e+00	-1.0385e-04	-1.1935e-07	6.3211e-07	0.0000e+00
528	0.0000e+00	0.0000e+00	-9.9183e-05	2.9888e-07	5.8041e-07	0.0000e+00
529	0.0000e+00	0.0000e+00	-8.3825e-05	3.5743e-07	4.4770e-07	0.0000e+00
530	0.0000e+00	0.0000e+00	-7.1105e-05	2.1660e-07	4.0554e-07	0.0000e+00
531	0.0000e+00	0.0000e+00	-6.6253e-05	2.7763e-09	3.9118e-07	0.0000e+00
532	0.0000e+00	0.0000e+00	-7.1606e-05	-2.5292e-07	3.7619e-07	0.0000e+00
533	0.0000e+00	0.0000e+00	-8.8952e-05	-5.5079e-07	3.5756e-07	0.0000e+00
534	0.0000e+00	0.0000e+00	-1.2010e-04	-8.8802e-07	3.6152e-07	0.0000e+00
535	0.0000e+00	0.0000e+00	-1.6570e-04	-1.2024e-06	4.6526e-07	0.0000e+00
536	0.0000e+00	0.0000e+00	-2.2024e-04	-1.2069e-06	8.4937e-07	0.0000e+00
537	0.0000e+00	0.0000e+00	-2.5812e-04	-4.3670e-07	1.1861e-06	0.0000e+00
538	0.0000e+00	0.0000e+00	-1.1831e-04	-2.1720e-07	-3.3228e-08	0.0000e+00
539	0.0000e+00	0.0000e+00	-1.1094e-04	4.9092e-07	-1.2156e-07	0.0000e+00



540	0.0000e+00	0.0000e+00	-9.2912e-05	3.5705e-07	-6.6388e-08	0.0000e+00
541	0.0000e+00	0.0000e+00	-8.1304e-05	1.8805e-07	5.5172e-08	0.0000e+00
542	0.0000e+00	0.0000e+00	-7.7167e-05	3.8908e-09	1.0728e-07	0.0000e+00
543	0.0000e+00	0.0000e+00	-8.1475e-05	-2.0543e-07	7.5460e-08	0.0000e+00
544	0.0000e+00	0.0000e+00	-9.5672e-05	-4.5580e-07	-5.1198e-08	0.0000e+00
545	0.0000e+00	0.0000e+00	-1.2195e-04	-7.7111e-07	-2.8701e-07	0.0000e+00
546	0.0000e+00	0.0000e+00	-1.6362e-04	-1.1868e-06	-6.3266e-07	0.0000e+00
547	0.0000e+00	0.0000e+00	-2.2530e-04	-1.7212e-06	-8.0952e-07	0.0000e+00
548	0.0000e+00	0.0000e+00	-2.7796e-04	-4.8536e-07	-4.3537e-07	0.0000e+00
549	0.0000e+00	0.0000e+00	-7.8760e-05	-2.8341e-08	-1.1607e-06	0.0000e+00
550	0.0000e+00	0.0000e+00	-7.8059e-05	4.8539e-08	-5.6138e-07	0.0000e+00
551	0.0000e+00	0.0000e+00	-7.5971e-05	3.9772e-08	-2.6926e-07	0.0000e+00
552	0.0000e+00	0.0000e+00	-7.5341e-05	-1.6852e-08	-1.7300e-07	0.0000e+00
553	0.0000e+00	0.0000e+00	-7.7905e-05	-1.0484e-07	-2.2100e-07	0.0000e+00
554	0.0000e+00	0.0000e+00	-8.4764e-05	-2.1119e-07	-4.1801e-07	0.0000e+00
555	0.0000e+00	0.0000e+00	-9.6431e-05	-3.2233e-07	-8.1705e-07	0.0000e+00
556	0.0000e+00	0.0000e+00	-1.1278e-04	-4.2321e-07	-1.5723e-06	0.0000e+00
557	0.0000e+00	0.0000e+00	-1.3301e-04	-5.0017e-07	-2.9597e-06	0.0000e+00
558	0.0000e+00	0.0000e+00	-2.5701e-04	4.9097e-07	-6.0895e-06	0.0000e+00
559	0.0000e+00	0.0000e+00	-2.5416e-04	-3.5079e-07	-6.0244e-06	0.0000e+00
560	0.0000e+00	0.0000e+00	-6.0185e-04	5.5949e-07	-9.8155e-06	0.0000e+00
561	0.0000e+00	0.0000e+00	-2.6986e-04	-4.3046e-07	-5.8273e-06	0.0000e+00
562	0.0000e+00	0.0000e+00	-5.8367e-04	2.1361e-07	-8.4673e-06	0.0000e+00
563	0.0000e+00	0.0000e+00	-2.8893e-04	-4.8697e-07	-5.6198e-06	0.0000e+00
564	0.0000e+00	0.0000e+00	-5.8212e-04	-1.6684e-07	-7.7351e-06	0.0000e+00
565	0.0000e+00	0.0000e+00	-3.1141e-04	-5.5819e-07	-5.5883e-06	0.0000e+00
566	0.0000e+00	0.0000e+00	-5.9805e-04	-5.4556e-07	-7.4690e-06	0.0000e+00
567	0.0000e+00	0.0000e+00	-3.3687e-04	-5.9897e-07	-5.7686e-06	0.0000e+00
568	0.0000e+00	0.0000e+00	-6.3056e-04	-8.8180e-07	-7.6082e-06	0.0000e+00
569	0.0000e+00	0.0000e+00	-3.6270e-04	-5.5180e-07	-6.1648e-06	0.0000e+00
570	0.0000e+00	0.0000e+00	-6.7687e-04	-1.1295e-06	-8.1405e-06	0.0000e+00
571	0.0000e+00	0.0000e+00	-3.8373e-04	-3.5408e-07	-6.7609e-06	0.0000e+00
572	0.0000e+00	0.0000e+00	-7.3208e-04	-1.2348e-06	-9.0926e-06	0.0000e+00
573	0.0000e+00	0.0000e+00	-3.9227e-04	4.9130e-08	-7.4863e-06	0.0000e+00
574	0.0000e+00	0.0000e+00	-7.8876e-04	-1.1318e-06	-1.0546e-05	0.0000e+00
575	0.0000e+00	0.0000e+00	-3.8057e-04	5.7878e-07	-8.0121e-06	0.0000e+00
576	0.0000e+00	0.0000e+00	-8.3630e-04	-7.3621e-07	-1.2694e-05	0.0000e+00
577	0.0000e+00	0.0000e+00	-3.6795e-04	-1.4573e-07	-7.9026e-06	0.0000e+00
578	0.0000e+00	0.0000e+00	-6.2111e-05	3.3090e-07	-2.9859e-06	0.0000e+00
579	0.0000e+00	0.0000e+00	-5.9595e-05	-2.0388e-07	-3.0283e-06	0.0000e+00
580	0.0000e+00	0.0000e+00	-7.4221e-05	-4.3233e-07	-3.2044e-06	0.0000e+00
581	0.0000e+00	0.0000e+00	-9.3904e-05	-4.6862e-07	-3.3333e-06	0.0000e+00
582	0.0000e+00	0.0000e+00	-1.1369e-04	-4.3532e-07	-3.4713e-06	0.0000e+00
583	0.0000e+00	0.0000e+00	-1.3120e-04	-3.5032e-07	-3.6501e-06	0.0000e+00
584	0.0000e+00	0.0000e+00	-1.4369e-04	-1.8920e-07	-3.8684e-06	0.0000e+00
585	0.0000e+00	0.0000e+00	-1.4736e-04	6.5664e-08	-4.0882e-06	0.0000e+00
586	0.0000e+00	0.0000e+00	-1.3888e-04	3.5659e-07	-4.2154e-06	0.0000e+00
587	0.0000e+00	0.0000e+00	-1.2114e-04	4.1154e-07	-4.0905e-06	0.0000e+00
588	0.0000e+00	0.0000e+00	-1.1444e-04	-1.7846e-07	-3.9235e-06	0.0000e+00
589	0.0000e+00	0.0000e+00	1.8911e-05	2.5338e-07	-7.9697e-07	0.0000e+00
590	0.0000e+00	0.0000e+00	2.3677e-05	-3.6126e-08	-8.6348e-07	0.0000e+00
591	0.0000e+00	0.0000e+00	1.7715e-05	-2.1926e-07	-1.0872e-06	0.0000e+00
592	0.0000e+00	0.0000e+00	6.5963e-06	-2.7909e-07	-1.3321e-06	0.0000e+00
593	0.0000e+00	0.0000e+00	-5.4607e-06	-2.6484e-07	-1.5371e-06	0.0000e+00
594	0.0000e+00	0.0000e+00	-1.5891e-05	-1.9868e-07	-1.6811e-06	0.0000e+00
595	0.0000e+00	0.0000e+00	-2.2390e-05	-7.7141e-08	-1.7466e-06	0.0000e+00
596	0.0000e+00	0.0000e+00	-2.2590e-05	8.9888e-08	-1.7079e-06	0.0000e+00
597	0.0000e+00	0.0000e+00	-1.5720e-05	2.2806e-07	-1.5431e-06	0.0000e+00
598	0.0000e+00	0.0000e+00	-6.1555e-06	1.7816e-07	-1.2945e-06	0.0000e+00
599	0.0000e+00	0.0000e+00	-5.3176e-06	-1.7401e-07	-1.1676e-06	0.0000e+00
600	0.0000e+00	0.0000e+00	1.7959e-05	2.2804e-07	7.8880e-07	0.0000e+00
601	0.0000e+00	0.0000e+00	2.5984e-05	1.3234e-07	7.0330e-07	0.0000e+00
602	0.0000e+00	0.0000e+00	2.9751e-05	3.9281e-08	4.6873e-07	0.0000e+00
603	0.0000e+00	0.0000e+00	2.9823e-05	-3.5662e-08	1.9634e-07	0.0000e+00
604	0.0000e+00	0.0000e+00	2.6907e-05	-9.4821e-08	-1.8453e-08	0.0000e+00
605	0.0000e+00	0.0000e+00	2.1747e-05	-1.3231e-07	-1.1894e-07	0.0000e+00
606	0.0000e+00	0.0000e+00	1.5588e-05	-1.3414e-07	-7.6246e-08	0.0000e+00
607	0.0000e+00	0.0000e+00	1.0182e-05	-9.6329e-08	1.1475e-07	0.0000e+00
608	0.0000e+00	0.0000e+00	6.8450e-06	-4.7097e-08	4.1637e-07	0.0000e+00
609	0.0000e+00	0.0000e+00	4.8386e-06	-4.9416e-08	7.1654e-07	0.0000e+00
610	0.0000e+00	0.0000e+00	6.1529e-07	-1.5424e-07	8.3680e-07	0.0000e+00
611	0.0000e+00	0.0000e+00	-4.0820e-05	2.2685e-07	1.8620e-06	0.0000e+00

612	0.0000e+00	0.0000e+00	-2.8690e-05	3.1510e-07	1.7566e-06	0.0000e+00
613	0.0000e+00	0.0000e+00	-1.4399e-05	3.1761e-07	1.4933e-06	0.0000e+00
614	0.0000e+00	0.0000e+00	-2.2237e-06	2.2199e-07	1.1986e-06	0.0000e+00
615	0.0000e+00	0.0000e+00	4.0777e-06	5.8434e-08	9.8396e-07	0.0000e+00
616	0.0000e+00	0.0000e+00	2.4809e-06	-1.2898e-07	9.1583e-07	0.0000e+00
617	0.0000e+00	0.0000e+00	-7.0942e-06	-2.9677e-07	1.0247e-06	0.0000e+00
618	0.0000e+00	0.0000e+00	-2.2858e-05	-4.0280e-07	1.3080e-06	0.0000e+00
619	0.0000e+00	0.0000e+00	-4.1231e-05	-4.0937e-07	1.7071e-06	0.0000e+00
620	0.0000e+00	0.0000e+00	-5.7403e-05	-3.0444e-07	2.0798e-06	0.0000e+00
621	0.0000e+00	0.0000e+00	-6.7246e-05	-1.3747e-07	2.2287e-06	0.0000e+00
622	0.0000e+00	0.0000e+00	-1.3563e-04	2.2524e-07	2.4448e-06	0.0000e+00
623	0.0000e+00	0.0000e+00	-1.1842e-04	5.3790e-07	2.3115e-06	0.0000e+00
624	0.0000e+00	0.0000e+00	-9.1718e-05	6.3621e-07	1.9855e-06	0.0000e+00
625	0.0000e+00	0.0000e+00	-6.6207e-05	4.9484e-07	1.6567e-06	0.0000e+00
626	0.0000e+00	0.0000e+00	-5.0657e-05	1.9970e-07	1.4424e-06	0.0000e+00
627	0.0000e+00	0.0000e+00	-4.9725e-05	-1.5991e-07	1.3902e-06	0.0000e+00
628	0.0000e+00	0.0000e+00	-6.4674e-05	-5.1531e-07	1.5212e-06	0.0000e+00
629	0.0000e+00	0.0000e+00	-9.3751e-05	-7.8970e-07	1.8453e-06	0.0000e+00
630	0.0000e+00	0.0000e+00	-1.3110e-04	-8.6897e-07	2.3279e-06	0.0000e+00
631	0.0000e+00	0.0000e+00	-1.6545e-04	-6.3752e-07	2.8186e-06	0.0000e+00
632	0.0000e+00	0.0000e+00	-1.8294e-04	-1.3015e-07	3.0349e-06	0.0000e+00
633	0.0000e+00	0.0000e+00	-2.4415e-04	1.9920e-07	2.4893e-06	0.0000e+00
634	0.0000e+00	0.0000e+00	-2.2032e-04	8.4194e-07	2.3034e-06	0.0000e+00
635	0.0000e+00	0.0000e+00	-1.7794e-04	1.0120e-06	1.8839e-06	0.0000e+00
636	0.0000e+00	0.0000e+00	-1.3805e-04	7.6917e-07	1.5540e-06	0.0000e+00
637	0.0000e+00	0.0000e+00	-1.1383e-04	3.2472e-07	1.3777e-06	0.0000e+00
638	0.0000e+00	0.0000e+00	-1.1086e-04	-1.9330e-07	1.3362e-06	0.0000e+00
639	0.0000e+00	0.0000e+00	-1.3094e-04	-7.2467e-07	1.4288e-06	0.0000e+00
640	0.0000e+00	0.0000e+00	-1.7324e-04	-1.1968e-06	1.6926e-06	0.0000e+00
641	0.0000e+00	0.0000e+00	-2.3192e-04	-1.4315e-06	2.1815e-06	0.0000e+00
642	0.0000e+00	0.0000e+00	-2.9023e-04	-1.1178e-06	2.8269e-06	0.0000e+00
643	0.0000e+00	0.0000e+00	-3.1928e-04	-1.3402e-07	3.1690e-06	0.0000e+00
644	0.0000e+00	0.0000e+00	-3.3920e-04	1.2643e-07	1.8062e-06	0.0000e+00
645	0.0000e+00	0.0000e+00	-3.0577e-04	1.2913e-06	1.5121e-06	0.0000e+00
646	0.0000e+00	0.0000e+00	-2.4457e-04	1.3788e-06	1.0505e-06	0.0000e+00
647	0.0000e+00	0.0000e+00	-1.9346e-04	9.4948e-07	9.1208e-07	0.0000e+00
648	0.0000e+00	0.0000e+00	-1.6424e-04	3.9277e-07	8.8244e-07	0.0000e+00
649	0.0000e+00	0.0000e+00	-1.5996e-04	-1.9771e-07	8.6784e-07	0.0000e+00
650	0.0000e+00	0.0000e+00	-1.8188e-04	-8.1653e-07	8.4682e-07	0.0000e+00
651	0.0000e+00	0.0000e+00	-2.3111e-04	-1.4539e-06	8.6307e-07	0.0000e+00
652	0.0000e+00	0.0000e+00	-3.0625e-04	-1.9813e-06	1.0586e-06	0.0000e+00
653	0.0000e+00	0.0000e+00	-3.9362e-04	-1.8396e-06	1.7656e-06	0.0000e+00
654	0.0000e+00	0.0000e+00	-4.4108e-04	-1.5528e-07	2.3321e-06	0.0000e+00
655	0.0000e+00	0.0000e+00	-3.7560e-04	-2.0250e-08	-3.4631e-07	0.0000e+00
656	0.0000e+00	0.0000e+00	-3.2904e-04	1.9265e-06	-6.9182e-07	0.0000e+00
657	0.0000e+00	0.0000e+00	-2.5899e-04	1.3702e-06	-4.8990e-07	0.0000e+00
658	0.0000e+00	0.0000e+00	-2.1210e-04	8.3123e-07	-7.2252e-08	0.0000e+00
659	0.0000e+00	0.0000e+00	-1.8707e-04	3.3489e-07	1.6381e-07	0.0000e+00
660	0.0000e+00	0.0000e+00	-1.8314e-04	-1.5295e-07	1.9726e-07	0.0000e+00
661	0.0000e+00	0.0000e+00	-2.0079e-04	-6.6842e-07	2.0630e-08	0.0000e+00
662	0.0000e+00	0.0000e+00	-2.4199e-04	-1.2549e-06	-3.8140e-07	0.0000e+00
663	0.0000e+00	0.0000e+00	-3.1051e-04	-1.9700e-06	-9.9891e-07	0.0000e+00
664	0.0000e+00	0.0000e+00	-4.1200e-04	-2.8230e-06	-1.2844e-06	0.0000e+00
665	0.0000e+00	0.0000e+00	-4.8621e-04	-1.9502e-07	-5.6582e-07	0.0000e+00
666	0.0000e+00	0.0000e+00	-2.1885e-04	2.9803e-07	-3.7461e-06	0.0000e+00
667	0.0000e+00	0.0000e+00	-2.0361e-04	3.7849e-07	-1.8809e-06	0.0000e+00
668	0.0000e+00	0.0000e+00	-1.8851e-04	2.9969e-07	-9.1469e-07	0.0000e+00
669	0.0000e+00	0.0000e+00	-1.7877e-04	1.3779e-07	-4.9195e-07	0.0000e+00
670	0.0000e+00	0.0000e+00	-1.7712e-04	-6.5680e-08	-4.2822e-07	0.0000e+00
671	0.0000e+00	0.0000e+00	-1.8462e-04	-2.7561e-07	-6.9577e-07	0.0000e+00
672	0.0000e+00	0.0000e+00	-2.0077e-04	-4.5625e-07	-1.3765e-06	0.0000e+00
673	0.0000e+00	0.0000e+00	-2.2341e-04	-5.6762e-07	-2.7529e-06	0.0000e+00
674	0.0000e+00	0.0000e+00	-2.4834e-04	-5.5968e-07	-5.3399e-06	0.0000e+00
675	0.0000e+00	0.0000e+00	-3.9523e-04	-1.2439e-06	-7.9538e-06	0.0000e+00
676	0.0000e+00	0.0000e+00	-8.5748e-04	-8.5448e-08	-1.3092e-05	0.0000e+00
677	0.0000e+00	0.0000e+00	-4.4528e-04	-1.3634e-06	-7.7967e-06	0.0000e+00
678	0.0000e+00	0.0000e+00	-8.6379e-04	-3.9444e-07	-1.1264e-05	0.0000e+00
679	0.0000e+00	0.0000e+00	-5.0027e-04	-1.4830e-06	-7.4834e-06	0.0000e+00
680	0.0000e+00	0.0000e+00	-8.8618e-04	-8.4177e-07	-1.0097e-05	0.0000e+00
681	0.0000e+00	0.0000e+00	-5.6279e-04	-1.7064e-06	-7.2860e-06	0.0000e+00
682	0.0000e+00	0.0000e+00	-9.2924e-04	-1.3704e-06	-9.4080e-06	0.0000e+00
683	0.0000e+00	0.0000e+00	-6.3588e-04	-1.9837e-06	-7.2627e-06	0.0000e+00

684	0.0000e+00	0.0000e+00	-9.9506e-04	-1.9182e-06	-9.0971e-06	0.0000e+00
685	0.0000e+00	0.0000e+00	-7.2016e-04	-2.2417e-06	-7.4170e-06	0.0000e+00
686	0.0000e+00	0.0000e+00	-1.0832e-03	-2.4153e-06	-9.1098e-06	0.0000e+00
687	0.0000e+00	0.0000e+00	-8.1311e-04	-2.3929e-06	-7.7297e-06	0.0000e+00
688	0.0000e+00	0.0000e+00	-1.1901e-03	-2.7806e-06	-9.4202e-06	0.0000e+00
689	0.0000e+00	0.0000e+00	-9.0861e-04	-2.3407e-06	-8.1564e-06	0.0000e+00
690	0.0000e+00	0.0000e+00	-1.3089e-03	-2.9177e-06	-1.0033e-05	0.0000e+00
691	0.0000e+00	0.0000e+00	-9.9772e-04	-2.0594e-06	-8.5195e-06	0.0000e+00
692	0.0000e+00	0.0000e+00	-1.4287e-03	-2.7082e-06	-1.0994e-05	0.0000e+00
693	0.0000e+00	0.0000e+00	-1.0782e-03	-2.0029e-06	-8.8887e-06	0.0000e+00
694	0.0000e+00	0.0000e+00	-1.3671e-04	-9.1429e-07	-4.0863e-06	0.0000e+00
695	0.0000e+00	0.0000e+00	-1.8177e-04	-1.3125e-06	-4.3804e-06	0.0000e+00
696	0.0000e+00	0.0000e+00	-2.3750e-04	-1.5004e-06	-4.5833e-06	0.0000e+00
697	0.0000e+00	0.0000e+00	-2.9997e-04	-1.6562e-06	-4.7541e-06	0.0000e+00
698	0.0000e+00	0.0000e+00	-3.6920e-04	-1.8245e-06	-4.9413e-06	0.0000e+00
699	0.0000e+00	0.0000e+00	-4.4525e-04	-1.9771e-06	-5.1583e-06	0.0000e+00
700	0.0000e+00	0.0000e+00	-5.2647e-04	-2.0613e-06	-5.3851e-06	0.0000e+00
701	0.0000e+00	0.0000e+00	-6.0923e-04	-2.0406e-06	-5.5714e-06	0.0000e+00
702	0.0000e+00	0.0000e+00	-6.8977e-04	-1.9644e-06	-5.5995e-06	0.0000e+00
703	0.0000e+00	0.0000e+00	-7.6847e-04	-1.9767e-06	-5.7836e-06	0.0000e+00
704	0.0000e+00	0.0000e+00	-2.0946e-05	-6.0486e-07	-1.3192e-06	0.0000e+00
705	0.0000e+00	0.0000e+00	-5.2210e-05	-9.4400e-07	-1.6600e-06	0.0000e+00
706	0.0000e+00	0.0000e+00	-9.4570e-05	-1.1762e-06	-2.0419e-06	0.0000e+00
707	0.0000e+00	0.0000e+00	-1.4522e-04	-1.3686e-06	-2.3923e-06	0.0000e+00
708	0.0000e+00	0.0000e+00	-2.0361e-04	-1.5605e-06	-2.6907e-06	0.0000e+00
709	0.0000e+00	0.0000e+00	-2.6975e-04	-1.7451e-06	-2.9265e-06	0.0000e+00
710	0.0000e+00	0.0000e+00	-3.4278e-04	-1.8937e-06	-3.0824e-06	0.0000e+00
711	0.0000e+00	0.0000e+00	-4.2071e-04	-1.9862e-06	-3.1417e-06	0.0000e+00
712	0.0000e+00	0.0000e+00	-5.0123e-04	-2.0278e-06	-3.0702e-06	0.0000e+00
713	0.0000e+00	0.0000e+00	-5.8196e-04	-1.9958e-06	-3.2458e-06	0.0000e+00
714	0.0000e+00	0.0000e+00	-8.7501e-06	-3.1984e-07	6.9262e-07	0.0000e+00
715	0.0000e+00	0.0000e+00	-2.5315e-05	-5.1264e-07	3.4722e-07	0.0000e+00
716	0.0000e+00	0.0000e+00	-4.9923e-05	-7.2617e-07	-8.7032e-08	0.0000e+00
717	0.0000e+00	0.0000e+00	-8.3683e-05	-9.7226e-07	-5.0677e-07	0.0000e+00
718	0.0000e+00	0.0000e+00	-1.2801e-04	-1.2510e-06	-8.4998e-07	0.0000e+00
719	0.0000e+00	0.0000e+00	-1.8386e-04	-1.5411e-06	-1.0863e-06	0.0000e+00
720	0.0000e+00	0.0000e+00	-2.5101e-04	-1.8079e-06	-1.2031e-06	0.0000e+00
721	0.0000e+00	0.0000e+00	-3.2770e-04	-2.0125e-06	-1.2121e-06	0.0000e+00
722	0.0000e+00	0.0000e+00	-4.1056e-04	-2.1115e-06	-1.1137e-06	0.0000e+00
723	0.0000e+00	0.0000e+00	-4.9382e-04	-2.0266e-06	-1.3138e-06	0.0000e+00
724	0.0000e+00	0.0000e+00	-7.0346e-05	-3.1867e-08	2.0757e-06	0.0000e+00
725	0.0000e+00	0.0000e+00	-7.1491e-05	-5.1299e-08	1.6985e-06	0.0000e+00
726	0.0000e+00	0.0000e+00	-7.6511e-05	-2.2520e-07	1.2226e-06	0.0000e+00
727	0.0000e+00	0.0000e+00	-9.1310e-05	-5.3266e-07	7.6839e-07	0.0000e+00
728	0.0000e+00	0.0000e+00	-1.2033e-04	-9.2745e-07	4.0908e-07	0.0000e+00
729	0.0000e+00	0.0000e+00	-1.6599e-04	-1.3555e-06	1.7659e-07	0.0000e+00
730	0.0000e+00	0.0000e+00	-2.2842e-04	-1.7580e-06	7.6876e-08	0.0000e+00
731	0.0000e+00	0.0000e+00	-3.0525e-04	-2.0657e-06	8.5607e-08	0.0000e+00
732	0.0000e+00	0.0000e+00	-3.9106e-04	-2.1956e-06	1.9350e-07	0.0000e+00
733	0.0000e+00	0.0000e+00	-4.7655e-04	-2.0448e-06	-4.4621e-08	0.0000e+00
734	0.0000e+00	0.0000e+00	-1.7888e-04	3.0461e-07	2.8439e-06	0.0000e+00
735	0.0000e+00	0.0000e+00	-1.6222e-04	4.7302e-07	2.3838e-06	0.0000e+00
736	0.0000e+00	0.0000e+00	-1.4549e-04	3.1943e-07	1.8493e-06	0.0000e+00
737	0.0000e+00	0.0000e+00	-1.4014e-04	-7.5280e-08	1.3776e-06	0.0000e+00
738	0.0000e+00	0.0000e+00	-1.5355e-04	-6.0361e-07	1.0220e-06	0.0000e+00
739	0.0000e+00	0.0000e+00	-1.8916e-04	-1.1772e-06	7.9377e-07	0.0000e+00
740	0.0000e+00	0.0000e+00	-2.4718e-04	-1.7163e-06	6.9050e-07	0.0000e+00
741	0.0000e+00	0.0000e+00	-3.2439e-04	-2.1233e-06	6.9053e-07	0.0000e+00
742	0.0000e+00	0.0000e+00	-4.1311e-04	-2.2728e-06	7.9314e-07	0.0000e+00
743	0.0000e+00	0.0000e+00	-4.9998e-04	-2.0258e-06	4.9680e-07	0.0000e+00
744	0.0000e+00	0.0000e+00	-3.0556e-04	7.6007e-07	2.8880e-06	0.0000e+00
745	0.0000e+00	0.0000e+00	-2.6644e-04	1.0975e-06	2.2891e-06	0.0000e+00
746	0.0000e+00	0.0000e+00	-2.2581e-04	8.8511e-07	1.7284e-06	0.0000e+00
747	0.0000e+00	0.0000e+00	-2.0070e-04	3.5943e-07	1.3069e-06	0.0000e+00
748	0.0000e+00	0.0000e+00	-1.9949e-04	-2.9813e-07	1.0014e-06	0.0000e+00
749	0.0000e+00	0.0000e+00	-2.2529e-04	-9.9068e-07	7.8060e-07	0.0000e+00
750	0.0000e+00	0.0000e+00	-2.7804e-04	-1.6443e-06	6.3706e-07	0.0000e+00
751	0.0000e+00	0.0000e+00	-3.5421e-04	-2.1489e-06	5.7211e-07	0.0000e+00
752	0.0000e+00	0.0000e+00	-4.4457e-04	-2.3224e-06	6.2672e-07	0.0000e+00
753	0.0000e+00	0.0000e+00	-5.3098e-04	-1.9364e-06	2.3292e-07	0.0000e+00
754	0.0000e+00	0.0000e+00	-4.1242e-04	1.4467e-06	1.8694e-06	0.0000e+00
755	0.0000e+00	0.0000e+00	-3.4528e-04	1.7627e-06	1.1589e-06	0.0000e+00

756	0.0000e+00	0.0000e+00	-2.8359e-04	1.3265e-06	8.1450e-07	0.0000e+00
757	0.0000e+00	0.0000e+00	-2.4434e-04	6.6409e-07	6.2364e-07	0.0000e+00
758	0.0000e+00	0.0000e+00	-2.3241e-04	-5.0043e-08	4.5305e-07	0.0000e+00
759	0.0000e+00	0.0000e+00	-2.4884e-04	-7.6930e-07	2.4456e-07	0.0000e+00
760	0.0000e+00	0.0000e+00	-2.9329e-04	-1.4624e-06	-3.0208e-09	0.0000e+00
761	0.0000e+00	0.0000e+00	-3.6331e-04	-2.0463e-06	-2.5544e-07	0.0000e+00
762	0.0000e+00	0.0000e+00	-4.5071e-04	-2.2860e-06	-3.6636e-07	0.0000e+00
763	0.0000e+00	0.0000e+00	-5.3277e-04	-1.7276e-06	-9.3584e-07	0.0000e+00
764	0.0000e+00	0.0000e+00	-4.3676e-04	2.5325e-06	-1.1042e-06	0.0000e+00
765	0.0000e+00	0.0000e+00	-3.4973e-04	1.9580e-06	-1.1215e-06	0.0000e+00
766	0.0000e+00	0.0000e+00	-2.8718e-04	1.2911e-06	-6.8279e-07	0.0000e+00
767	0.0000e+00	0.0000e+00	-2.4893e-04	6.7900e-07	-4.2293e-07	0.0000e+00
768	0.0000e+00	0.0000e+00	-2.3383e-04	9.7937e-08	-3.9478e-07	0.0000e+00
769	0.0000e+00	0.0000e+00	-2.4138e-04	-4.7612e-07	-5.9654e-07	0.0000e+00
770	0.0000e+00	0.0000e+00	-2.7152e-04	-1.0491e-06	-1.0105e-06	0.0000e+00
771	0.0000e+00	0.0000e+00	-3.2373e-04	-1.5966e-06	-1.6144e-06	0.0000e+00
772	0.0000e+00	0.0000e+00	-3.9491e-04	-1.9930e-06	-2.1990e-06	0.0000e+00
773	0.0000e+00	0.0000e+00	-4.6402e-04	-1.3319e-06	-3.1523e-06	0.0000e+00
774	0.0000e+00	0.0000e+00	-2.6579e-04	3.7844e-07	-5.7899e-06	0.0000e+00
775	0.0000e+00	0.0000e+00	-2.4713e-04	5.3749e-07	-3.3465e-06	0.0000e+00
776	0.0000e+00	0.0000e+00	-2.2593e-04	5.1136e-07	-1.9837e-06	0.0000e+00
777	0.0000e+00	0.0000e+00	-2.0806e-04	3.7239e-07	-1.3817e-06	0.0000e+00
778	0.0000e+00	0.0000e+00	-1.9721e-04	1.6101e-07	-1.2450e-06	0.0000e+00
779	0.0000e+00	0.0000e+00	-1.9565e-04	-9.1552e-08	-1.4682e-06	0.0000e+00
780	0.0000e+00	0.0000e+00	-2.0442e-04	-3.5362e-07	-2.0196e-06	0.0000e+00
781	0.0000e+00	0.0000e+00	-2.2314e-04	-5.8600e-07	-2.9340e-06	0.0000e+00
782	0.0000e+00	0.0000e+00	-2.4950e-04	-7.3225e-07	-4.1803e-06	0.0000e+00
783	0.0000e+00	0.0000e+00	6.6447e-05	1.3764e-07	1.8171e-06	0.0000e+00
784	0.0000e+00	0.0000e+00	1.6993e-04	-2.8566e-07	2.8700e-06	0.0000e+00
785	0.0000e+00	0.0000e+00	6.5706e-05	-1.4427e-07	1.5497e-06	0.0000e+00
786	0.0000e+00	0.0000e+00	1.4803e-04	-5.8210e-07	2.1875e-06	0.0000e+00
787	0.0000e+00	0.0000e+00	5.4462e-05	-3.4271e-07	1.1963e-06	0.0000e+00
788	0.0000e+00	0.0000e+00	1.1686e-04	-7.3575e-07	1.6404e-06	0.0000e+00
789	0.0000e+00	0.0000e+00	3.7211e-05	-4.2568e-07	8.5042e-07	0.0000e+00
790	0.0000e+00	0.0000e+00	8.1906e-05	-7.6866e-07	1.1848e-06	0.0000e+00
791	0.0000e+00	0.0000e+00	1.8845e-05	-3.9810e-07	5.3410e-07	0.0000e+00
792	0.0000e+00	0.0000e+00	4.8042e-05	-6.9115e-07	7.9964e-07	0.0000e+00
793	0.0000e+00	0.0000e+00	4.0399e-06	-2.6568e-07	2.5789e-07	0.0000e+00
794	0.0000e+00	0.0000e+00	1.9909e-05	-5.0436e-07	4.7486e-07	0.0000e+00
795	0.0000e+00	0.0000e+00	-2.8660e-06	-4.1578e-08	4.6313e-08	0.0000e+00
796	0.0000e+00	0.0000e+00	2.2385e-06	-1.9867e-07	2.0761e-07	0.0000e+00
797	0.0000e+00	0.0000e+00	2.5860e-08	1.3072e-07	1.6827e-10	0.0000e+00
798	0.0000e+00	0.0000e+00	9.0991e-06	1.7166e-07	8.7054e-07	0.0000e+00
799	0.0000e+00	0.0000e+00	1.4384e-05	6.5945e-08	8.2487e-07	0.0000e+00
800	0.0000e+00	0.0000e+00	1.3729e-05	-7.4829e-08	6.7561e-07	0.0000e+00
801	0.0000e+00	0.0000e+00	8.1499e-06	-1.5503e-07	4.8303e-07	0.0000e+00
802	0.0000e+00	0.0000e+00	9.5346e-07	-1.5014e-07	2.8756e-07	0.0000e+00
803	0.0000e+00	0.0000e+00	-4.2001e-06	-6.5043e-08	1.2039e-07	0.0000e+00
804	0.0000e+00	0.0000e+00	-4.4913e-06	6.1822e-08	1.8377e-08	0.0000e+00
805	0.0000e+00	0.0000e+00	1.8710e-08	1.3380e-07	1.5785e-10	0.0000e+00
806	0.0000e+00	0.0000e+00	-1.3753e-05	1.4575e-07	2.0985e-07	0.0000e+00
807	0.0000e+00	0.0000e+00	-8.1505e-06	1.0603e-07	2.3857e-07	0.0000e+00
808	0.0000e+00	0.0000e+00	-5.3991e-06	2.9150e-08	2.1961e-07	0.0000e+00
809	0.0000e+00	0.0000e+00	-5.6187e-06	-2.2811e-08	1.5823e-07	0.0000e+00
810	0.0000e+00	0.0000e+00	-6.9862e-06	-2.2709e-08	8.0488e-08	0.0000e+00
811	0.0000e+00	0.0000e+00	-7.2138e-06	2.5533e-08	1.5655e-08	0.0000e+00
812	0.0000e+00	0.0000e+00	-4.7739e-06	9.1079e-08	-1.1564e-08	0.0000e+00
813	0.0000e+00	0.0000e+00	1.2357e-08	1.2346e-07	1.3314e-10	0.0000e+00
814	0.0000e+00	0.0000e+00	-1.2409e-05	9.3035e-08	-2.5100e-07	0.0000e+00
815	0.0000e+00	0.0000e+00	-8.9791e-06	6.4227e-08	-1.7704e-07	0.0000e+00
816	0.0000e+00	0.0000e+00	-7.2019e-06	2.3827e-08	-1.1719e-07	0.0000e+00
817	0.0000e+00	0.0000e+00	-6.8947e-06	7.8542e-10	-8.6511e-08	0.0000e+00
818	0.0000e+00	0.0000e+00	-6.9433e-06	7.6811e-09	-7.6025e-08	0.0000e+00
819	0.0000e+00	0.0000e+00	-6.0935e-06	3.9024e-08	-6.6421e-08	0.0000e+00
820	0.0000e+00	0.0000e+00	-3.6626e-06	7.5216e-08	-4.1432e-08	0.0000e+00
821	0.0000e+00	0.0000e+00	7.1835e-09	9.1467e-08	1.0445e-10	0.0000e+00
822	0.0000e+00	0.0000e+00	5.4529e-06	1.0847e-08	-5.5311e-07	0.0000e+00
823	0.0000e+00	0.0000e+00	4.8740e-06	-3.1496e-08	-4.3914e-07	0.0000e+00
824	0.0000e+00	0.0000e+00	2.8765e-06	-5.2472e-08	-3.2637e-07	0.0000e+00
825	0.0000e+00	0.0000e+00	5.0271e-07	-4.9256e-08	-2.3860e-07	0.0000e+00
826	0.0000e+00	0.0000e+00	-1.2973e-06	-2.7840e-08	-1.7475e-07	0.0000e+00
827	0.0000e+00	0.0000e+00	-1.9441e-06	1.3371e-09	-1.2092e-07	0.0000e+00

828	0.0000e+00	0.0000e+00	-1.3632e-06	2.6054e-08	-6.3819e-08	0.0000e+00
829	0.0000e+00	0.0000e+00	3.2445e-09	3.5734e-08	7.6784e-11	0.0000e+00
830	0.0000e+00	0.0000e+00	3.3262e-05	-1.0633e-07	-7.0823e-07	0.0000e+00
831	0.0000e+00	0.0000e+00	2.6939e-05	-1.7010e-07	-5.5337e-07	0.0000e+00
832	0.0000e+00	0.0000e+00	1.9285e-05	-1.7137e-07	-4.0678e-07	0.0000e+00
833	0.0000e+00	0.0000e+00	1.2454e-05	-1.3783e-07	-2.9477e-07	0.0000e+00
834	0.0000e+00	0.0000e+00	7.3426e-06	-9.6061e-08	-2.1267e-07	0.0000e+00
835	0.0000e+00	0.0000e+00	3.9213e-06	-6.1928e-08	-1.4430e-07	0.0000e+00
836	0.0000e+00	0.0000e+00	1.6844e-06	-4.2010e-08	-7.5097e-08	0.0000e+00
837	0.0000e+00	0.0000e+00	4.4210e-10	-3.6032e-08	5.2368e-11	0.0000e+00
838	0.0000e+00	0.0000e+00	6.4260e-05	-2.6791e-07	-6.9445e-07	0.0000e+00
839	0.0000e+00	0.0000e+00	5.0463e-05	-3.4064e-07	-4.9954e-07	0.0000e+00
840	0.0000e+00	0.0000e+00	3.6282e-05	-3.0153e-07	-3.5071e-07	0.0000e+00
841	0.0000e+00	0.0000e+00	2.4779e-05	-2.2783e-07	-2.5586e-07	0.0000e+00
842	0.0000e+00	0.0000e+00	1.6349e-05	-1.6385e-07	-1.9239e-07	0.0000e+00
843	0.0000e+00	0.0000e+00	1.0148e-05	-1.2594e-07	-1.3834e-07	0.0000e+00
844	0.0000e+00	0.0000e+00	4.9899e-06	-1.1411e-07	-7.6458e-08	0.0000e+00
845	0.0000e+00	0.0000e+00	-1.3769e-09	-1.1460e-07	3.1588e-11	0.0000e+00
846	0.0000e+00	0.0000e+00	8.9644e-05	-4.8891e-07	-4.3328e-07	0.0000e+00
847	0.0000e+00	0.0000e+00	6.7209e-05	-5.0555e-07	-2.2942e-07	0.0000e+00
848	0.0000e+00	0.0000e+00	4.7836e-05	-3.8962e-07	-1.5842e-07	0.0000e+00
849	0.0000e+00	0.0000e+00	3.3548e-05	-2.7665e-07	-1.3582e-07	0.0000e+00
850	0.0000e+00	0.0000e+00	2.3376e-05	-1.9979e-07	-1.2484e-07	0.0000e+00
851	0.0000e+00	0.0000e+00	1.5569e-05	-1.6746e-07	-1.0926e-07	0.0000e+00
852	0.0000e+00	0.0000e+00	8.2092e-06	-1.7705e-07	-7.3581e-08	0.0000e+00
853	0.0000e+00	0.0000e+00	-2.3546e-09	-1.9647e-07	1.3584e-11	0.0000e+00
854	0.0000e+00	0.0000e+00	9.4683e-05	-7.6371e-07	2.9183e-07	0.0000e+00
855	0.0000e+00	0.0000e+00	6.7556e-05	-5.2570e-07	2.4286e-07	0.0000e+00
856	0.0000e+00	0.0000e+00	4.8908e-05	-3.5742e-07	1.1160e-07	0.0000e+00
857	0.0000e+00	0.0000e+00	3.6029e-05	-2.4805e-07	2.1154e-08	0.0000e+00
858	0.0000e+00	0.0000e+00	2.6789e-05	-1.8511e-07	-3.1702e-08	0.0000e+00
859	0.0000e+00	0.0000e+00	1.9283e-05	-1.6727e-07	-5.9385e-08	0.0000e+00
860	0.0000e+00	0.0000e+00	1.1301e-05	-2.1033e-07	-7.3656e-08	0.0000e+00
861	0.0000e+00	0.0000e+00	-2.5709e-09	-2.8780e-07	-3.7248e-12	0.0000e+00
862	0.0000e+00	0.0000e+00	5.7637e-05	-2.5583e-07	1.1992e-06	0.0000e+00
863	0.0000e+00	0.0000e+00	4.7531e-05	-2.1106e-07	6.1629e-07	0.0000e+00
864	0.0000e+00	0.0000e+00	3.9125e-05	-1.7543e-07	3.0549e-07	0.0000e+00
865	0.0000e+00	0.0000e+00	3.2132e-05	-1.4677e-07	1.4292e-07	0.0000e+00
866	0.0000e+00	0.0000e+00	2.6105e-05	-1.3197e-07	5.6755e-08	0.0000e+00
867	0.0000e+00	0.0000e+00	2.0224e-05	-1.4104e-07	1.5732e-08	0.0000e+00
868	0.0000e+00	0.0000e+00	1.2994e-05	-1.9809e-07	1.4521e-09	0.0000e+00
869	0.0000e+00	0.0000e+00	2.9168e-06	-4.1618e-08	-4.5988e-08	0.0000e+00
870	0.0000e+00	0.0000e+00	-2.1743e-06	-1.9871e-07	-2.0732e-07	0.0000e+00
871	0.0000e+00	0.0000e+00	-3.9910e-06	-2.6572e-07	-2.5758e-07	0.0000e+00
872	0.0000e+00	0.0000e+00	-1.9847e-05	-5.0441e-07	-4.7458e-07	0.0000e+00
873	0.0000e+00	0.0000e+00	-1.8798e-05	-3.9814e-07	-5.3380e-07	0.0000e+00
874	0.0000e+00	0.0000e+00	-4.7983e-05	-6.9120e-07	-7.9936e-07	0.0000e+00
875	0.0000e+00	0.0000e+00	-3.7165e-05	-4.2571e-07	-8.5013e-07	0.0000e+00
876	0.0000e+00	0.0000e+00	-8.1848e-05	-7.6870e-07	-1.1846e-06	0.0000e+00
877	0.0000e+00	0.0000e+00	-5.4417e-05	-3.4273e-07	-1.1960e-06	0.0000e+00
878	0.0000e+00	0.0000e+00	-1.1681e-04	-7.3578e-07	-1.6402e-06	0.0000e+00
879	0.0000e+00	0.0000e+00	-6.5662e-05	-1.4428e-07	-1.5494e-06	0.0000e+00
880	0.0000e+00	0.0000e+00	-1.4798e-04	-5.8214e-07	-2.1873e-06	0.0000e+00
881	0.0000e+00	0.0000e+00	-6.6404e-05	1.3762e-07	-1.8169e-06	0.0000e+00
882	0.0000e+00	0.0000e+00	-1.6988e-04	-2.8571e-07	-2.8698e-06	0.0000e+00
883	0.0000e+00	0.0000e+00	4.5282e-06	6.1799e-08	-1.8069e-08	0.0000e+00
884	0.0000e+00	0.0000e+00	4.2358e-06	-6.5074e-08	-1.2010e-07	0.0000e+00
885	0.0000e+00	0.0000e+00	-9.1912e-07	-1.5016e-07	-2.8728e-07	0.0000e+00
886	0.0000e+00	0.0000e+00	-8.1165e-06	-1.5505e-07	-4.8276e-07	0.0000e+00
887	0.0000e+00	0.0000e+00	-1.3696e-05	-7.4837e-08	-6.7535e-07	0.0000e+00
888	0.0000e+00	0.0000e+00	-1.4351e-05	6.5939e-08	-8.2461e-07	0.0000e+00
889	0.0000e+00	0.0000e+00	-9.0670e-06	1.7165e-07	-8.7029e-07	0.0000e+00
890	0.0000e+00	0.0000e+00	4.7984e-06	9.1067e-08	1.1826e-08	0.0000e+00
891	0.0000e+00	0.0000e+00	7.2376e-06	2.5515e-08	-1.5403e-08	0.0000e+00
892	0.0000e+00	0.0000e+00	7.0092e-06	-2.2724e-08	-8.0247e-08	0.0000e+00
893	0.0000e+00	0.0000e+00	5.6412e-06	-2.2820e-08	-1.5800e-07	0.0000e+00
894	0.0000e+00	0.0000e+00	5.4213e-06	2.9147e-08	-2.1939e-07	0.0000e+00
895	0.0000e+00	0.0000e+00	8.1726e-06	1.0603e-07	-2.3835e-07	0.0000e+00
896	0.0000e+00	0.0000e+00	1.3775e-05	1.4574e-07	-2.0964e-07	0.0000e+00
897	0.0000e+00	0.0000e+00	3.6768e-06	7.5209e-08	4.1638e-08	0.0000e+00
898	0.0000e+00	0.0000e+00	6.1073e-06	3.9015e-08	6.6621e-08	0.0000e+00
899	0.0000e+00	0.0000e+00	6.9568e-06	7.6739e-09	7.6218e-08	0.0000e+00

900	0.0000e+00	0.0000e+00	6.9080e-06	7.8241e-10	8.6697e-08	0.0000e+00
901	0.0000e+00	0.0000e+00	7.2152e-06	2.3828e-08	1.1737e-07	0.0000e+00
902	0.0000e+00	0.0000e+00	8.9924e-06	6.4229e-08	1.7722e-07	0.0000e+00
903	0.0000e+00	0.0000e+00	1.2422e-05	9.3032e-08	2.5118e-07	0.0000e+00
904	0.0000e+00	0.0000e+00	1.3696e-06	2.6051e-08	6.3971e-08	0.0000e+00
905	0.0000e+00	0.0000e+00	1.9504e-06	1.3340e-09	1.2107e-07	0.0000e+00
906	0.0000e+00	0.0000e+00	1.3035e-06	-2.7842e-08	1.7490e-07	0.0000e+00
907	0.0000e+00	0.0000e+00	-4.9656e-07	-4.9255e-08	2.3874e-07	0.0000e+00
908	0.0000e+00	0.0000e+00	-2.8703e-06	-5.2469e-08	3.2651e-07	0.0000e+00
909	0.0000e+00	0.0000e+00	-4.8676e-06	-3.1492e-08	4.3927e-07	0.0000e+00
910	0.0000e+00	0.0000e+00	-5.4464e-06	1.0849e-08	5.5324e-07	0.0000e+00
911	0.0000e+00	0.0000e+00	-1.6835e-06	-4.2010e-08	7.5201e-08	0.0000e+00
912	0.0000e+00	0.0000e+00	-3.9204e-06	-6.1928e-08	1.4440e-07	0.0000e+00
913	0.0000e+00	0.0000e+00	-7.3417e-06	-9.6059e-08	2.1277e-07	0.0000e+00
914	0.0000e+00	0.0000e+00	-1.2453e-05	-1.3783e-07	2.9487e-07	0.0000e+00
915	0.0000e+00	0.0000e+00	-1.9283e-05	-1.7136e-07	4.0688e-07	0.0000e+00
916	0.0000e+00	0.0000e+00	-2.6938e-05	-1.7009e-07	5.5347e-07	0.0000e+00
917	0.0000e+00	0.0000e+00	-3.3261e-05	-1.0632e-07	7.0833e-07	0.0000e+00
918	0.0000e+00	0.0000e+00	-4.9926e-06	-1.1411e-07	7.6520e-08	0.0000e+00
919	0.0000e+00	0.0000e+00	-1.0151e-05	-1.2594e-07	1.3840e-07	0.0000e+00
920	0.0000e+00	0.0000e+00	-1.6352e-05	-1.6385e-07	1.9245e-07	0.0000e+00
921	0.0000e+00	0.0000e+00	-2.4782e-05	-2.2783e-07	2.5592e-07	0.0000e+00
922	0.0000e+00	0.0000e+00	-3.6285e-05	-3.0152e-07	3.5077e-07	0.0000e+00
923	0.0000e+00	0.0000e+00	-5.0465e-05	-3.4064e-07	4.9960e-07	0.0000e+00
924	0.0000e+00	0.0000e+00	-6.4262e-05	-2.6791e-07	6.9452e-07	0.0000e+00
925	0.0000e+00	0.0000e+00	-8.2139e-06	-1.7705e-07	7.3607e-08	0.0000e+00
926	0.0000e+00	0.0000e+00	-1.5574e-05	-1.6746e-07	1.0929e-07	0.0000e+00
927	0.0000e+00	0.0000e+00	-2.3381e-05	-1.9978e-07	1.2487e-07	0.0000e+00
928	0.0000e+00	0.0000e+00	-3.3552e-05	-2.7665e-07	1.3585e-07	0.0000e+00
929	0.0000e+00	0.0000e+00	-4.7840e-05	-3.8962e-07	1.5845e-07	0.0000e+00
930	0.0000e+00	0.0000e+00	-6.7213e-05	-5.0555e-07	2.2945e-07	0.0000e+00
931	0.0000e+00	0.0000e+00	-8.9647e-05	-4.8890e-07	4.3331e-07	0.0000e+00
932	0.0000e+00	0.0000e+00	-1.1306e-05	-2.1033e-07	7.3648e-08	0.0000e+00
933	0.0000e+00	0.0000e+00	-1.9288e-05	-1.6727e-07	5.9378e-08	0.0000e+00
934	0.0000e+00	0.0000e+00	-2.6794e-05	-1.8511e-07	3.1698e-08	0.0000e+00
935	0.0000e+00	0.0000e+00	-3.6034e-05	-2.4805e-07	-2.1157e-08	0.0000e+00
936	0.0000e+00	0.0000e+00	-4.8913e-05	-3.5742e-07	-1.1160e-07	0.0000e+00
937	0.0000e+00	0.0000e+00	-6.7560e-05	-5.2570e-07	-2.4286e-07	0.0000e+00
938	0.0000e+00	0.0000e+00	-9.4687e-05	-7.6370e-07	-2.9184e-07	0.0000e+00
939	0.0000e+00	0.0000e+00	-1.2998e-05	-1.9810e-07	-1.4935e-09	0.0000e+00
940	0.0000e+00	0.0000e+00	-2.0229e-05	-1.4104e-07	-1.5767e-08	0.0000e+00
941	0.0000e+00	0.0000e+00	-2.6109e-05	-1.3197e-07	-5.6786e-08	0.0000e+00
942	0.0000e+00	0.0000e+00	-3.2137e-05	-1.4677e-07	-1.4295e-07	0.0000e+00
943	0.0000e+00	0.0000e+00	-3.9129e-05	-1.7542e-07	-3.0552e-07	0.0000e+00
944	0.0000e+00	0.0000e+00	-4.7535e-05	-2.1105e-07	-6.1632e-07	0.0000e+00
945	0.0000e+00	0.0000e+00	-5.7641e-05	-2.5582e-07	-1.1992e-06	0.0000e+00
946	0.0000e+00	0.0000e+00	2.8760e-04	9.8059e-07	6.3250e-06	0.0000e+00
947	0.0000e+00	0.0000e+00	6.5008e-04	2.6509e-07	1.0133e-05	0.0000e+00
948	0.0000e+00	0.0000e+00	3.1731e-04	5.6382e-07	6.2128e-06	0.0000e+00
949	0.0000e+00	0.0000e+00	6.4987e-04	-7.5149e-08	8.9133e-06	0.0000e+00
950	0.0000e+00	0.0000e+00	3.3081e-04	1.6486e-07	5.9288e-06	0.0000e+00
951	0.0000e+00	0.0000e+00	6.4091e-04	-2.3258e-07	8.1880e-06	0.0000e+00
952	0.0000e+00	0.0000e+00	3.3119e-04	-1.2512e-07	5.7048e-06	0.0000e+00
953	0.0000e+00	0.0000e+00	6.2916e-04	-2.6371e-07	7.8657e-06	0.0000e+00
954	0.0000e+00	0.0000e+00	3.2222e-04	-3.3372e-07	5.5690e-06	0.0000e+00
955	0.0000e+00	0.0000e+00	6.1862e-04	-2.1455e-07	7.9323e-06	0.0000e+00
956	0.0000e+00	0.0000e+00	3.0745e-04	-4.3102e-07	5.4050e-06	0.0000e+00
957	0.0000e+00	0.0000e+00	6.1151e-04	-1.2485e-07	8.4471e-06	0.0000e+00
958	0.0000e+00	0.0000e+00	8.3248e-05	6.7533e-07	3.1951e-06	0.0000e+00
959	0.0000e+00	0.0000e+00	1.0948e-04	6.0042e-07	3.3867e-06	0.0000e+00
960	0.0000e+00	0.0000e+00	1.2773e-04	3.2569e-07	3.4041e-06	0.0000e+00
961	0.0000e+00	0.0000e+00	1.3482e-04	5.1253e-08	3.3164e-06	0.0000e+00
962	0.0000e+00	0.0000e+00	1.3282e-04	-1.2796e-07	3.1641e-06	0.0000e+00
963	0.0000e+00	0.0000e+00	1.2695e-04	-1.2427e-07	2.9585e-06	0.0000e+00
964	0.0000e+00	0.0000e+00	-4.5697e-06	4.3987e-07	9.2165e-07	0.0000e+00
965	0.0000e+00	0.0000e+00	1.3525e-05	4.3850e-07	1.1062e-06	0.0000e+00
966	0.0000e+00	0.0000e+00	2.8394e-05	3.0080e-07	1.2250e-06	0.0000e+00
967	0.0000e+00	0.0000e+00	3.6855e-05	1.3459e-07	1.2418e-06	0.0000e+00
968	0.0000e+00	0.0000e+00	3.9617e-05	2.5358e-08	1.1771e-06	0.0000e+00
969	0.0000e+00	0.0000e+00	3.9990e-05	1.9597e-08	1.0881e-06	0.0000e+00
970	0.0000e+00	0.0000e+00	-7.7560e-06	2.7425e-07	-7.0814e-07	0.0000e+00
971	0.0000e+00	0.0000e+00	3.0324e-06	2.5704e-07	-5.4492e-07	0.0000e+00

972	0.0000e+00	0.0000e+00	1.2068e-05	1.9460e-07	-3.9451e-07	0.0000e+00
973	0.0000e+00	0.0000e+00	1.8289e-05	1.2302e-07	-3.1400e-07	0.0000e+00
974	0.0000e+00	0.0000e+00	2.1948e-05	6.9794e-08	-3.0036e-07	0.0000e+00
975	0.0000e+00	0.0000e+00	2.4024e-05	4.3807e-08	-3.0257e-07	0.0000e+00
976	0.0000e+00	0.0000e+00	4.7825e-05	1.2827e-07	-1.7826e-06	0.0000e+00
977	0.0000e+00	0.0000e+00	5.1402e-05	6.2132e-08	-1.6005e-06	0.0000e+00
978	0.0000e+00	0.0000e+00	5.3321e-05	4.4507e-08	-1.4166e-06	0.0000e+00
979	0.0000e+00	0.0000e+00	5.5217e-05	5.4055e-08	-1.3017e-06	0.0000e+00
980	0.0000e+00	0.0000e+00	5.7414e-05	5.1739e-08	-1.2599e-06	0.0000e+00
981	0.0000e+00	0.0000e+00	5.8729e-05	6.3205e-09	-1.2371e-06	0.0000e+00
982	0.0000e+00	0.0000e+00	1.3854e-04	-5.8592e-08	-2.3200e-06	0.0000e+00
983	0.0000e+00	0.0000e+00	1.3290e-04	-1.8608e-07	-2.0609e-06	0.0000e+00
984	0.0000e+00	0.0000e+00	1.2582e-04	-1.4353e-07	-1.8219e-06	0.0000e+00
985	0.0000e+00	0.0000e+00	1.2241e-04	-2.6066e-08	-1.6958e-06	0.0000e+00
986	0.0000e+00	0.0000e+00	1.2315e-04	4.3206e-08	-1.6842e-06	0.0000e+00
987	0.0000e+00	0.0000e+00	1.2414e-04	-2.3699e-08	-1.7101e-06	0.0000e+00
988	0.0000e+00	0.0000e+00	2.3985e-04	-3.6390e-07	-2.2567e-06	0.0000e+00
989	0.0000e+00	0.0000e+00	2.2038e-04	-5.3637e-07	-1.8562e-06	0.0000e+00
990	0.0000e+00	0.0000e+00	2.0172e-04	-3.6424e-07	-1.5596e-06	0.0000e+00
991	0.0000e+00	0.0000e+00	1.9310e-04	-7.0756e-08	-1.4522e-06	0.0000e+00
992	0.0000e+00	0.0000e+00	1.9483e-04	1.2268e-07	-1.5205e-06	0.0000e+00
993	0.0000e+00	0.0000e+00	1.9926e-04	3.7370e-08	-1.6756e-06	0.0000e+00
994	0.0000e+00	0.0000e+00	3.2155e-04	-8.9293e-07	-1.3777e-06	0.0000e+00
995	0.0000e+00	0.0000e+00	2.8195e-04	-9.7762e-07	-8.3675e-07	0.0000e+00
996	0.0000e+00	0.0000e+00	2.5112e-04	-5.6237e-07	-6.1141e-07	0.0000e+00
997	0.0000e+00	0.0000e+00	2.3903e-04	-5.4890e-08	-5.6809e-07	0.0000e+00
998	0.0000e+00	0.0000e+00	2.4499e-04	3.3008e-07	-6.7613e-07	0.0000e+00
999	0.0000e+00	0.0000e+00	2.5934e-04	2.9245e-07	-9.9556e-07	0.0000e+00
1000	0.0000e+00	0.0000e+00	3.3735e-04	-1.7597e-06	9.0765e-07	0.0000e+00
1001	0.0000e+00	0.0000e+00	2.8098e-04	-1.1641e-06	9.8953e-07	0.0000e+00
1002	0.0000e+00	0.0000e+00	2.4789e-04	-5.6841e-07	7.7574e-07	0.0000e+00
1003	0.0000e+00	0.0000e+00	2.3611e-04	-3.7899e-08	7.1632e-07	0.0000e+00
1004	0.0000e+00	0.0000e+00	2.4382e-04	4.5966e-07	8.1339e-07	0.0000e+00
1005	0.0000e+00	0.0000e+00	2.6909e-04	8.5823e-07	7.2666e-07	0.0000e+00
1006	0.0000e+00	0.0000e+00	2.1008e-04	-3.1693e-07	4.2268e-06	0.0000e+00
1007	0.0000e+00	0.0000e+00	1.9794e-04	-2.9156e-07	2.6249e-06	0.0000e+00
1008	0.0000e+00	0.0000e+00	1.8762e-04	-2.2413e-07	1.8477e-06	0.0000e+00
1009	0.0000e+00	0.0000e+00	1.8017e-04	-1.5001e-07	1.7240e-06	0.0000e+00
1010	0.0000e+00	0.0000e+00	1.7505e-04	-1.1048e-07	2.1919e-06	0.0000e+00
1011	0.0000e+00	0.0000e+00	1.6977e-04	-1.6513e-07	3.3281e-06	0.0000e+00
1012	0.0000e+00	0.0000e+00	-3.0751e-04	-4.3142e-07	-5.4054e-06	0.0000e+00
1013	0.0000e+00	0.0000e+00	-6.1160e-04	-1.2535e-07	-8.4476e-06	0.0000e+00
1014	0.0000e+00	0.0000e+00	-3.2230e-04	-3.3417e-07	-5.5695e-06	0.0000e+00
1015	0.0000e+00	0.0000e+00	-6.1872e-04	-2.1510e-07	-7.9328e-06	0.0000e+00
1016	0.0000e+00	0.0000e+00	-3.3129e-04	-1.2561e-07	-5.7055e-06	0.0000e+00
1017	0.0000e+00	0.0000e+00	-6.2929e-04	-2.6431e-07	-7.8663e-06	0.0000e+00
1018	0.0000e+00	0.0000e+00	-3.3093e-04	1.6434e-07	-5.9295e-06	0.0000e+00
1019	0.0000e+00	0.0000e+00	-6.4106e-04	-2.3320e-07	-8.1887e-06	0.0000e+00
1020	0.0000e+00	0.0000e+00	-3.1744e-04	5.6331e-07	-6.2138e-06	0.0000e+00
1021	0.0000e+00	0.0000e+00	-6.5005e-04	-7.5758e-08	-8.9141e-06	0.0000e+00
1022	0.0000e+00	0.0000e+00	-2.8776e-04	9.8013e-07	-6.3261e-06	0.0000e+00
1023	0.0000e+00	0.0000e+00	-6.5028e-04	2.6455e-07	-1.0133e-05	0.0000e+00
1024	0.0000e+00	0.0000e+00	-1.2699e-04	-1.2457e-07	-2.9589e-06	0.0000e+00
1025	0.0000e+00	0.0000e+00	-1.3287e-04	-1.2829e-07	-3.1646e-06	0.0000e+00
1026	0.0000e+00	0.0000e+00	-1.3489e-04	5.0891e-08	-3.3170e-06	0.0000e+00
1027	0.0000e+00	0.0000e+00	-1.2782e-04	3.2531e-07	-3.4048e-06	0.0000e+00
1028	0.0000e+00	0.0000e+00	-1.0958e-04	6.0005e-07	-3.3876e-06	0.0000e+00
1029	0.0000e+00	0.0000e+00	-8.3361e-05	6.7501e-07	-3.1960e-06	0.0000e+00
1030	0.0000e+00	0.0000e+00	-4.0016e-05	1.9397e-08	-1.0885e-06	0.0000e+00
1031	0.0000e+00	0.0000e+00	-3.9652e-05	2.5134e-08	-1.1776e-06	0.0000e+00
1032	0.0000e+00	0.0000e+00	-3.6900e-05	1.3435e-07	-1.2423e-06	0.0000e+00
1033	0.0000e+00	0.0000e+00	-2.8449e-05	3.0055e-07	-1.2256e-06	0.0000e+00
1034	0.0000e+00	0.0000e+00	-1.3590e-05	4.3826e-07	-1.1069e-06	0.0000e+00
1035	0.0000e+00	0.0000e+00	4.4963e-06	4.3967e-07	-9.2247e-07	0.0000e+00
1036	0.0000e+00	0.0000e+00	-2.4038e-05	4.3688e-08	3.0232e-07	0.0000e+00
1037	0.0000e+00	0.0000e+00	-2.1968e-05	6.9660e-08	3.0004e-07	0.0000e+00
1038	0.0000e+00	0.0000e+00	-1.8314e-05	1.2288e-07	3.1360e-07	0.0000e+00
1039	0.0000e+00	0.0000e+00	-1.2099e-05	1.9445e-07	3.9403e-07	0.0000e+00
1040	0.0000e+00	0.0000e+00	-3.0688e-06	2.5690e-07	5.4435e-07	0.0000e+00
1041	0.0000e+00	0.0000e+00	7.7144e-06	2.7414e-07	7.0750e-07	0.0000e+00
1042	0.0000e+00	0.0000e+00	-5.8734e-05	6.2650e-09	1.2369e-06	0.0000e+00
1043	0.0000e+00	0.0000e+00	-5.7421e-05	5.1677e-08	1.2597e-06	0.0000e+00

1044	0.0000e+00	0.0000e+00	-5.5227e-05	5.3989e-08	1.3014e-06	0.0000e+00
1045	0.0000e+00	0.0000e+00	-5.3334e-05	4.4442e-08	1.4163e-06	0.0000e+00
1046	0.0000e+00	0.0000e+00	-5.1417e-05	6.2073e-08	1.6000e-06	0.0000e+00
1047	0.0000e+00	0.0000e+00	-4.7843e-05	1.2822e-07	1.7822e-06	0.0000e+00
1048	0.0000e+00	0.0000e+00	-1.2414e-04	-2.3707e-08	1.7099e-06	0.0000e+00
1049	0.0000e+00	0.0000e+00	-1.2315e-04	4.3196e-08	1.6840e-06	0.0000e+00
1050	0.0000e+00	0.0000e+00	-1.2240e-04	-2.6077e-08	1.6956e-06	0.0000e+00
1051	0.0000e+00	0.0000e+00	-1.2582e-04	-1.4354e-07	1.8216e-06	0.0000e+00
1052	0.0000e+00	0.0000e+00	-1.3290e-04	-1.8608e-07	2.0606e-06	0.0000e+00
1053	0.0000e+00	0.0000e+00	-1.3854e-04	-5.8595e-08	2.3197e-06	0.0000e+00
1054	0.0000e+00	0.0000e+00	-1.9926e-04	3.7396e-08	1.6755e-06	0.0000e+00
1055	0.0000e+00	0.0000e+00	-1.9483e-04	1.2271e-07	1.5204e-06	0.0000e+00
1056	0.0000e+00	0.0000e+00	-1.9309e-04	-7.0729e-08	1.4521e-06	0.0000e+00
1057	0.0000e+00	0.0000e+00	-2.0171e-04	-3.6421e-07	1.5594e-06	0.0000e+00
1058	0.0000e+00	0.0000e+00	-2.2037e-04	-5.3634e-07	1.8560e-06	0.0000e+00
1059	0.0000e+00	0.0000e+00	-2.3984e-04	-3.6388e-07	2.2565e-06	0.0000e+00
1060	0.0000e+00	0.0000e+00	-2.5934e-04	2.9250e-07	9.9550e-07	0.0000e+00
1061	0.0000e+00	0.0000e+00	-2.4498e-04	3.3013e-07	6.7605e-07	0.0000e+00
1062	0.0000e+00	0.0000e+00	-2.3902e-04	-5.4840e-08	5.6799e-07	0.0000e+00
1063	0.0000e+00	0.0000e+00	-2.5110e-04	-5.6232e-07	6.1129e-07	0.0000e+00
1064	0.0000e+00	0.0000e+00	-2.8193e-04	-9.7757e-07	8.3663e-07	0.0000e+00
1065	0.0000e+00	0.0000e+00	-3.2153e-04	-8.9290e-07	1.3775e-06	0.0000e+00
1066	0.0000e+00	0.0000e+00	-2.6908e-04	8.5830e-07	-7.2673e-07	0.0000e+00
1067	0.0000e+00	0.0000e+00	-2.4380e-04	4.5972e-07	-8.1347e-07	0.0000e+00
1068	0.0000e+00	0.0000e+00	-2.3609e-04	-3.7838e-08	-7.1640e-07	0.0000e+00
1069	0.0000e+00	0.0000e+00	-2.4787e-04	-5.6836e-07	-7.7582e-07	0.0000e+00
1070	0.0000e+00	0.0000e+00	-2.8096e-04	-1.1640e-06	-9.8961e-07	0.0000e+00
1071	0.0000e+00	0.0000e+00	-3.3733e-04	-1.7596e-06	-9.0772e-07	0.0000e+00
1072	0.0000e+00	0.0000e+00	-1.6976e-04	-1.6506e-07	-3.3282e-06	0.0000e+00
1073	0.0000e+00	0.0000e+00	-1.7504e-04	-1.1042e-07	-2.1920e-06	0.0000e+00
1074	0.0000e+00	0.0000e+00	-1.8015e-04	-1.4994e-07	-1.7241e-06	0.0000e+00
1075	0.0000e+00	0.0000e+00	-1.8759e-04	-2.2409e-07	-1.8477e-06	0.0000e+00
1076	0.0000e+00	0.0000e+00	-1.9791e-04	-2.9153e-07	-2.6249e-06	0.0000e+00
1077	0.0000e+00	0.0000e+00	-2.1006e-04	-3.1692e-07	-4.2268e-06	0.0000e+00
1078	0.0000e+00	0.0000e+00	3.9085e-05	1.6289e-07	5.5022e-06	0.0000e+00
1079	0.0000e+00	0.0000e+00	5.7644e-05	6.8280e-07	4.3758e-06	0.0000e+00
1080	0.0000e+00	0.0000e+00	8.1083e-05	5.3371e-07	3.5484e-06	0.0000e+00
1081	0.0000e+00	0.0000e+00	9.9545e-05	4.2157e-07	2.7681e-06	0.0000e+00
1082	0.0000e+00	0.0000e+00	1.1480e-04	3.4804e-07	2.2254e-06	0.0000e+00
1083	0.0000e+00	0.0000e+00	1.2718e-04	2.5545e-07	1.9393e-06	0.0000e+00
1084	0.0000e+00	0.0000e+00	1.3454e-04	6.9586e-08	1.9293e-06	0.0000e+00
1085	0.0000e+00	0.0000e+00	1.3154e-04	-3.0368e-07	2.2078e-06	0.0000e+00
1086	0.0000e+00	0.0000e+00	1.0906e-04	-9.7858e-07	2.7449e-06	0.0000e+00
1087	0.0000e+00	0.0000e+00	5.4126e-05	-1.9752e-06	2.9344e-06	0.0000e+00
1088	0.0000e+00	0.0000e+00	8.7971e-06	-1.5686e-07	2.3812e-06	0.0000e+00
1089	0.0000e+00	0.0000e+00	-1.8065e-04	8.6811e-07	5.3836e-06	0.0000e+00
1090	0.0000e+00	0.0000e+00	-1.3574e-04	1.3233e-06	4.5341e-06	0.0000e+00
1091	0.0000e+00	0.0000e+00	-8.3324e-05	1.2806e-06	4.0634e-06	0.0000e+00
1092	0.0000e+00	0.0000e+00	-3.6657e-05	1.0648e-06	3.5154e-06	0.0000e+00
1093	0.0000e+00	0.0000e+00	7.1952e-07	8.0680e-07	3.0381e-06	0.0000e+00
1094	0.0000e+00	0.0000e+00	2.7317e-05	5.0611e-07	2.6683e-06	0.0000e+00
1095	0.0000e+00	0.0000e+00	4.0655e-05	1.2020e-07	2.4042e-06	0.0000e+00
1096	0.0000e+00	0.0000e+00	3.6652e-05	-3.8219e-07	2.1870e-06	0.0000e+00
1097	0.0000e+00	0.0000e+00	1.1810e-05	-9.1453e-07	1.8772e-06	0.0000e+00
1098	0.0000e+00	0.0000e+00	-2.8444e-05	-1.0068e-06	1.2164e-06	0.0000e+00
1099	0.0000e+00	0.0000e+00	-5.1523e-05	-1.9466e-08	6.9564e-07	0.0000e+00
1100	0.0000e+00	0.0000e+00	-4.1621e-04	1.4338e-06	6.1373e-06	0.0000e+00
1101	0.0000e+00	0.0000e+00	-3.5112e-04	1.7824e-06	5.4101e-06	0.0000e+00
1102	0.0000e+00	0.0000e+00	-2.7943e-04	1.7753e-06	5.0591e-06	0.0000e+00
1103	0.0000e+00	0.0000e+00	-2.1230e-04	1.5729e-06	4.6352e-06	0.0000e+00
1104	0.0000e+00	0.0000e+00	-1.5520e-04	1.2761e-06	4.1976e-06	0.0000e+00
1105	0.0000e+00	0.0000e+00	-1.1099e-04	9.2256e-07	3.7609e-06	0.0000e+00
1106	0.0000e+00	0.0000e+00	-8.1741e-05	5.2084e-07	3.3124e-06	0.0000e+00
1107	0.0000e+00	0.0000e+00	-6.9018e-05	9.7452e-08	2.7999e-06	0.0000e+00
1108	0.0000e+00	0.0000e+00	-7.1980e-05	-2.3847e-07	2.1684e-06	0.0000e+00
1109	0.0000e+00	0.0000e+00	-8.3400e-05	-2.7593e-07	1.4890e-06	0.0000e+00
1110	0.0000e+00	0.0000e+00	-8.8041e-05	9.3414e-08	1.1049e-06	0.0000e+00
1111	0.0000e+00	0.0000e+00	-7.0290e-04	1.9065e-06	7.6713e-06	0.0000e+00
1112	0.0000e+00	0.0000e+00	-6.2072e-04	2.1729e-06	7.0338e-06	0.0000e+00
1113	0.0000e+00	0.0000e+00	-5.3313e-04	2.1817e-06	6.7204e-06	0.0000e+00
1114	0.0000e+00	0.0000e+00	-4.4862e-04	2.0254e-06	6.3247e-06	0.0000e+00
1115	0.0000e+00	0.0000e+00	-3.7272e-04	1.7579e-06	5.8919e-06	0.0000e+00



1116	0.0000e+00	0.0000e+00	-3.0891e-04	1.4288e-06	5.4338e-06	0.0000e+00
1117	0.0000e+00	0.0000e+00	-2.5876e-04	1.0839e-06	4.9423e-06	0.0000e+00
1118	0.0000e+00	0.0000e+00	-2.2204e-04	7.6630e-07	4.3826e-06	0.0000e+00
1119	0.0000e+00	0.0000e+00	-1.9695e-04	5.0907e-07	3.7407e-06	0.0000e+00
1120	0.0000e+00	0.0000e+00	-1.8071e-04	3.2086e-07	3.1226e-06	0.0000e+00
1121	0.0000e+00	0.0000e+00	-1.7057e-04	2.0167e-07	2.7964e-06	0.0000e+00
1122	0.0000e+00	0.0000e+00	-1.0729e-03	2.3233e-06	9.9007e-06	0.0000e+00
1123	0.0000e+00	0.0000e+00	-9.7549e-04	2.5271e-06	9.3279e-06	0.0000e+00
1124	0.0000e+00	0.0000e+00	-8.7239e-04	2.5931e-06	8.9776e-06	0.0000e+00
1125	0.0000e+00	0.0000e+00	-7.6995e-04	2.4922e-06	8.5246e-06	0.0000e+00
1126	0.0000e+00	0.0000e+00	-6.7489e-04	2.2413e-06	8.0705e-06	0.0000e+00
1127	0.0000e+00	0.0000e+00	-5.9187e-04	1.9135e-06	7.6518e-06	0.0000e+00
1128	0.0000e+00	0.0000e+00	-5.2232e-04	1.5915e-06	7.2729e-06	0.0000e+00
1129	0.0000e+00	0.0000e+00	-4.6468e-04	1.3394e-06	6.9026e-06	0.0000e+00
1130	0.0000e+00	0.0000e+00	-4.1585e-04	1.1520e-06	6.4861e-06	0.0000e+00
1131	0.0000e+00	0.0000e+00	-3.7547e-04	8.6165e-07	5.9848e-06	0.0000e+00
1132	0.0000e+00	0.0000e+00	-3.5212e-04	2.9275e-07	5.6823e-06	0.0000e+00
1133	0.0000e+00	0.0000e+00	-1.5542e-03	2.7263e-06	1.2740e-05	0.0000e+00
1134	0.0000e+00	0.0000e+00	-1.4403e-03	2.9682e-06	1.2073e-05	0.0000e+00
1135	0.0000e+00	0.0000e+00	-1.3166e-03	3.1637e-06	1.1483e-05	0.0000e+00
1136	0.0000e+00	0.0000e+00	-1.1916e-03	3.0535e-06	1.0866e-05	0.0000e+00
1137	0.0000e+00	0.0000e+00	-1.0761e-03	2.7101e-06	1.0381e-05	0.0000e+00
1138	0.0000e+00	0.0000e+00	-9.7710e-04	2.2604e-06	1.0070e-05	0.0000e+00
1139	0.0000e+00	0.0000e+00	-8.9638e-04	1.8224e-06	9.9523e-06	0.0000e+00
1140	0.0000e+00	0.0000e+00	-8.3149e-04	1.5021e-06	1.0023e-05	0.0000e+00
1141	0.0000e+00	0.0000e+00	-7.7626e-04	1.3788e-06	1.0228e-05	0.0000e+00
1142	0.0000e+00	0.0000e+00	-7.2409e-04	1.3565e-06	1.0286e-05	0.0000e+00
1143	0.0000e+00	0.0000e+00	-6.9044e-04	3.5288e-07	1.0127e-05	0.0000e+00
1144	0.0000e+00	0.0000e+00	-2.0212e-03	3.7664e-06	1.4455e-05	0.0000e+00
1145	0.0000e+00	0.0000e+00	-1.8593e-03	3.8900e-06	1.3343e-05	0.0000e+00
1146	0.0000e+00	0.0000e+00	-1.7037e-03	3.5959e-06	1.2572e-05	0.0000e+00
1147	0.0000e+00	0.0000e+00	-1.5677e-03	3.0341e-06	1.2123e-05	0.0000e+00
1148	0.0000e+00	0.0000e+00	-1.4591e-03	2.3338e-06	1.2000e-05	0.0000e+00
1149	0.0000e+00	0.0000e+00	-1.3810e-03	1.6080e-06	1.2237e-05	0.0000e+00
1150	0.0000e+00	0.0000e+00	-1.3322e-03	9.5618e-07	1.2900e-05	0.0000e+00
1151	0.0000e+00	0.0000e+00	-1.3078e-03	4.6838e-07	1.4105e-05	0.0000e+00
1152	0.0000e+00	0.0000e+00	-1.2994e-03	2.2580e-07	1.6038e-05	0.0000e+00
1153	0.0000e+00	0.0000e+00	5.1838e-05	1.8486e-06	2.8025e-06	0.0000e+00
1154	0.0000e+00	0.0000e+00	1.0784e-04	9.1117e-07	2.3146e-06	0.0000e+00
1155	0.0000e+00	0.0000e+00	1.3354e-04	3.8502e-07	1.5846e-06	0.0000e+00
1156	0.0000e+00	0.0000e+00	1.4383e-04	1.4108e-07	1.1169e-06	0.0000e+00
1157	0.0000e+00	0.0000e+00	1.4722e-04	3.1287e-08	9.0531e-07	0.0000e+00
1158	0.0000e+00	0.0000e+00	1.4668e-04	-6.6707e-08	9.3362e-07	0.0000e+00
1159	0.0000e+00	0.0000e+00	1.4032e-04	-2.6646e-07	1.2053e-06	0.0000e+00
1160	0.0000e+00	0.0000e+00	1.2131e-04	-6.9444e-07	1.7227e-06	0.0000e+00
1161	0.0000e+00	0.0000e+00	7.7165e-05	-1.4792e-06	2.1251e-06	0.0000e+00
1162	0.0000e+00	0.0000e+00	3.5067e-05	-2.0855e-07	1.7806e-06	0.0000e+00
1163	0.0000e+00	0.0000e+00	-2.4540e-05	1.1296e-06	1.0568e-06	0.0000e+00
1164	0.0000e+00	0.0000e+00	2.6656e-05	1.0965e-06	1.5551e-06	0.0000e+00
1165	0.0000e+00	0.0000e+00	6.4992e-05	6.9406e-07	1.5970e-06	0.0000e+00
1166	0.0000e+00	0.0000e+00	8.7190e-05	3.5874e-07	1.5025e-06	0.0000e+00
1167	0.0000e+00	0.0000e+00	9.7156e-05	1.1049e-07	1.4085e-06	0.0000e+00
1168	0.0000e+00	0.0000e+00	9.6952e-05	-1.3174e-07	1.3641e-06	0.0000e+00
1169	0.0000e+00	0.0000e+00	8.5000e-05	-4.4787e-07	1.3562e-06	0.0000e+00
1170	0.0000e+00	0.0000e+00	5.7659e-05	-8.3670e-07	1.2947e-06	0.0000e+00
1171	0.0000e+00	0.0000e+00	1.6217e-05	-9.8028e-07	9.3077e-07	0.0000e+00
1172	0.0000e+00	0.0000e+00	-1.2671e-05	-2.3820e-07	6.3297e-07	0.0000e+00
1173	0.0000e+00	0.0000e+00	-7.2341e-05	5.8664e-07	1.3192e-06	0.0000e+00
1174	0.0000e+00	0.0000e+00	-4.2609e-05	7.1094e-07	1.8274e-06	0.0000e+00
1175	0.0000e+00	0.0000e+00	-1.4039e-05	5.7804e-07	2.1644e-06	0.0000e+00
1176	0.0000e+00	0.0000e+00	6.8951e-06	3.8009e-07	2.2760e-06	0.0000e+00
1177	0.0000e+00	0.0000e+00	1.9187e-05	1.7940e-07	2.2457e-06	0.0000e+00
1178	0.0000e+00	0.0000e+00	2.2489e-05	-3.9150e-08	2.1312e-06	0.0000e+00
1179	0.0000e+00	0.0000e+00	1.5550e-05	-2.9128e-07	1.9315e-06	0.0000e+00
1180	0.0000e+00	0.0000e+00	-2.3651e-06	-5.2351e-07	1.6084e-06	0.0000e+00
1181	0.0000e+00	0.0000e+00	-2.7140e-05	-5.6249e-07	1.1972e-06	0.0000e+00
1182	0.0000e+00	0.0000e+00	-4.6156e-05	-2.6450e-07	1.0011e-06	0.0000e+00
1183	0.0000e+00	0.0000e+00	-1.6214e-04	1.9525e-07	2.9500e-06	0.0000e+00
1184	0.0000e+00	0.0000e+00	-1.5141e-04	2.8479e-07	3.3505e-06	0.0000e+00
1185	0.0000e+00	0.0000e+00	-1.3679e-04	3.5506e-07	3.6311e-06	0.0000e+00
1186	0.0000e+00	0.0000e+00	-1.2076e-04	3.4961e-07	3.7095e-06	0.0000e+00
1187	0.0000e+00	0.0000e+00	-1.0669e-04	2.7334e-07	3.6390e-06	0.0000e+00

1188	0.0000e+00	0.0000e+00	-9.7205e-05	1.4952e-07	3.4704e-06	0.0000e+00
1189	0.0000e+00	0.0000e+00	-9.3799e-05	5.1715e-09	3.2117e-06	0.0000e+00
1190	0.0000e+00	0.0000e+00	-9.6719e-05	-1.3038e-07	2.8580e-06	0.0000e+00
1191	0.0000e+00	0.0000e+00	-1.0501e-04	-2.3638e-07	2.4880e-06	0.0000e+00
1192	0.0000e+00	0.0000e+00	-1.1703e-04	-2.9767e-07	2.3451e-06	0.0000e+00
1193	0.0000e+00	0.0000e+00	-3.4957e-04	-1.1605e-07	5.8314e-06	0.0000e+00
1194	0.0000e+00	0.0000e+00	-3.5165e-04	3.7232e-08	6.0286e-06	0.0000e+00
1195	0.0000e+00	0.0000e+00	-3.4289e-04	3.0192e-07	5.9764e-06	0.0000e+00
1196	0.0000e+00	0.0000e+00	-3.2545e-04	4.3587e-07	5.7993e-06	0.0000e+00
1197	0.0000e+00	0.0000e+00	-3.0563e-04	4.3388e-07	5.5885e-06	0.0000e+00
1198	0.0000e+00	0.0000e+00	-2.8806e-04	3.5801e-07	5.3879e-06	0.0000e+00
1199	0.0000e+00	0.0000e+00	-2.7452e-04	2.7226e-07	5.1984e-06	0.0000e+00
1200	0.0000e+00	0.0000e+00	-2.6466e-04	1.9969e-07	4.9874e-06	0.0000e+00
1201	0.0000e+00	0.0000e+00	-2.5917e-04	3.9331e-08	4.7143e-06	0.0000e+00
1202	0.0000e+00	0.0000e+00	-2.6609e-04	-3.6074e-07	4.6117e-06	0.0000e+00
1203	0.0000e+00	0.0000e+00	-6.9197e-04	-2.8467e-07	1.0170e-05	0.0000e+00
1204	0.0000e+00	0.0000e+00	-6.8865e-04	3.1836e-07	9.5952e-06	0.0000e+00
1205	0.0000e+00	0.0000e+00	-6.6407e-04	6.9613e-07	8.8421e-06	0.0000e+00
1206	0.0000e+00	0.0000e+00	-6.3003e-04	7.8922e-07	8.2302e-06	0.0000e+00
1207	0.0000e+00	0.0000e+00	-5.9683e-04	6.9166e-07	7.8188e-06	0.0000e+00
1208	0.0000e+00	0.0000e+00	-5.7049e-04	5.0721e-07	7.6207e-06	0.0000e+00
1209	0.0000e+00	0.0000e+00	-5.5268e-04	3.3326e-07	7.6328e-06	0.0000e+00
1210	0.0000e+00	0.0000e+00	-5.4121e-04	2.5164e-07	7.8234e-06	0.0000e+00
1211	0.0000e+00	0.0000e+00	-5.3208e-04	2.4583e-07	8.0051e-06	0.0000e+00
1212	0.0000e+00	0.0000e+00	-5.3716e-04	-4.9200e-07	8.0303e-06	0.0000e+00
1213	0.0000e+00	0.0000e+00	-1.2528e-03	1.1711e-06	1.5455e-05	0.0000e+00
1214	0.0000e+00	0.0000e+00	-1.1838e-03	1.5906e-06	1.3043e-05	0.0000e+00
1215	0.0000e+00	0.0000e+00	-1.1069e-03	1.6297e-06	1.1414e-05	0.0000e+00
1216	0.0000e+00	0.0000e+00	-1.0362e-03	1.4007e-06	1.0357e-05	0.0000e+00
1217	0.0000e+00	0.0000e+00	-9.8105e-04	1.0005e-06	9.7691e-06	0.0000e+00
1218	0.0000e+00	0.0000e+00	-9.4695e-04	5.1596e-07	9.6134e-06	0.0000e+00
1219	0.0000e+00	0.0000e+00	-9.3573e-04	2.6485e-08	9.9020e-06	0.0000e+00
1220	0.0000e+00	0.0000e+00	-9.4593e-04	-3.9413e-07	1.0703e-05	0.0000e+00
1221	0.0000e+00	0.0000e+00	-9.7283e-04	-6.7771e-07	1.2174e-05	0.0000e+00
1222	0.0000e+00	0.0000e+00	9.3181e-06	-3.4276e-07	1.5488e-06	0.0000e+00
1223	0.0000e+00	0.0000e+00	2.2075e-05	7.9593e-07	1.6846e-06	0.0000e+00
1224	0.0000e+00	0.0000e+00	4.5779e-05	3.8708e-07	1.3879e-06	0.0000e+00
1225	0.0000e+00	0.0000e+00	5.6511e-05	1.6238e-07	9.5719e-07	0.0000e+00
1226	0.0000e+00	0.0000e+00	6.0899e-05	6.3301e-08	6.5227e-07	0.0000e+00
1227	0.0000e+00	0.0000e+00	6.2579e-05	1.9800e-08	4.6812e-07	0.0000e+00
1228	0.0000e+00	0.0000e+00	6.2659e-05	-2.2147e-08	3.9287e-07	0.0000e+00
1229	0.0000e+00	0.0000e+00	6.0206e-05	-1.0741e-07	4.2285e-07	0.0000e+00
1230	0.0000e+00	0.0000e+00	5.2419e-05	-2.8266e-07	5.5524e-07	0.0000e+00
1231	0.0000e+00	0.0000e+00	3.4367e-05	-5.9931e-07	6.6815e-07	0.0000e+00
1232	0.0000e+00	0.0000e+00	1.3618e-05	-2.5133e-07	4.7450e-07	0.0000e+00
1233	0.0000e+00	0.0000e+00	-3.7569e-05	-1.8589e-07	7.7011e-07	0.0000e+00
1234	0.0000e+00	0.0000e+00	-2.9865e-05	4.8042e-07	8.8887e-07	0.0000e+00
1235	0.0000e+00	0.0000e+00	-6.1783e-06	5.3990e-07	1.0797e-06	0.0000e+00
1236	0.0000e+00	0.0000e+00	1.3859e-05	3.8990e-07	1.0247e-06	0.0000e+00
1237	0.0000e+00	0.0000e+00	2.7642e-05	2.5376e-07	8.8795e-07	0.0000e+00
1238	0.0000e+00	0.0000e+00	3.6369e-05	1.4727e-07	7.4465e-07	0.0000e+00
1239	0.0000e+00	0.0000e+00	4.0601e-05	3.7494e-08	6.2656e-07	0.0000e+00
1240	0.0000e+00	0.0000e+00	3.9442e-05	-1.0701e-07	5.3719e-07	0.0000e+00
1241	0.0000e+00	0.0000e+00	3.1182e-05	-2.8715e-07	4.4857e-07	0.0000e+00
1242	0.0000e+00	0.0000e+00	1.5856e-05	-3.9046e-07	2.7034e-07	0.0000e+00
1243	0.0000e+00	0.0000e+00	2.4919e-06	-1.8073e-07	1.0361e-07	0.0000e+00
1244	0.0000e+00	0.0000e+00	-7.7476e-05	-7.2690e-08	1.1419e-06	0.0000e+00
1245	0.0000e+00	0.0000e+00	-7.2722e-05	2.7184e-07	1.1842e-06	0.0000e+00
1246	0.0000e+00	0.0000e+00	-5.6621e-05	4.2711e-07	1.3499e-06	0.0000e+00
1247	0.0000e+00	0.0000e+00	-3.7473e-05	4.3031e-07	1.4065e-06	0.0000e+00
1248	0.0000e+00	0.0000e+00	-1.9680e-05	3.7352e-07	1.3340e-06	0.0000e+00
1249	0.0000e+00	0.0000e+00	-4.9033e-06	2.9116e-07	1.1858e-06	0.0000e+00
1250	0.0000e+00	0.0000e+00	5.7367e-06	1.8152e-07	1.0049e-06	0.0000e+00
1251	0.0000e+00	0.0000e+00	1.0921e-05	4.1719e-08	8.0655e-07	0.0000e+00
1252	0.0000e+00	0.0000e+00	9.6866e-06	-1.0369e-07	5.8655e-07	0.0000e+00
1253	0.0000e+00	0.0000e+00	3.1721e-06	-1.8081e-07	3.5674e-07	0.0000e+00
1254	0.0000e+00	0.0000e+00	-3.6959e-06	-1.1506e-07	2.0898e-07	0.0000e+00
1255	0.0000e+00	0.0000e+00	-1.5007e-04	4.0554e-08	2.2692e-06	0.0000e+00
1256	0.0000e+00	0.0000e+00	-1.4547e-04	1.7062e-07	2.2466e-06	0.0000e+00
1257	0.0000e+00	0.0000e+00	-1.3396e-04	3.3978e-07	2.3049e-06	0.0000e+00
1258	0.0000e+00	0.0000e+00	-1.1566e-04	4.6781e-07	2.2704e-06	0.0000e+00
1259	0.0000e+00	0.0000e+00	-9.3443e-05	5.1782e-07	2.1169e-06	0.0000e+00

1260	0.0000e+00	0.0000e+00	-7.0750e-05	4.9405e-07	1.8860e-06	0.0000e+00
1261	0.0000e+00	0.0000e+00	-5.0465e-05	4.1273e-07	1.6180e-06	0.0000e+00
1262	0.0000e+00	0.0000e+00	-3.4730e-05	2.9174e-07	1.3325e-06	0.0000e+00
1263	0.0000e+00	0.0000e+00	-2.4818e-05	1.5349e-07	1.0410e-06	0.0000e+00
1264	0.0000e+00	0.0000e+00	-2.0825e-05	2.9109e-08	7.7851e-07	0.0000e+00
1265	0.0000e+00	0.0000e+00	-2.1255e-05	-3.9989e-08	6.2301e-07	0.0000e+00
1266	0.0000e+00	0.0000e+00	-2.8665e-04	1.9144e-07	4.0933e-06	0.0000e+00
1267	0.0000e+00	0.0000e+00	-2.7924e-04	1.6829e-07	3.9998e-06	0.0000e+00
1268	0.0000e+00	0.0000e+00	-2.6628e-04	4.1378e-07	3.8737e-06	0.0000e+00
1269	0.0000e+00	0.0000e+00	-2.4153e-04	6.6508e-07	3.5857e-06	0.0000e+00
1270	0.0000e+00	0.0000e+00	-2.0849e-04	7.9395e-07	3.2204e-06	0.0000e+00
1271	0.0000e+00	0.0000e+00	-1.7268e-04	8.0329e-07	2.8365e-06	0.0000e+00
1272	0.0000e+00	0.0000e+00	-1.3857e-04	7.2894e-07	2.4654e-06	0.0000e+00
1273	0.0000e+00	0.0000e+00	-1.0903e-04	6.0521e-07	2.1188e-06	0.0000e+00
1274	0.0000e+00	0.0000e+00	-8.5696e-05	4.5235e-07	1.7968e-06	0.0000e+00
1275	0.0000e+00	0.0000e+00	-6.9765e-05	2.6319e-07	1.5042e-06	0.0000e+00
1276	0.0000e+00	0.0000e+00	-6.3035e-05	4.7789e-08	1.3287e-06	0.0000e+00
1277	0.0000e+00	0.0000e+00	-5.1922e-04	4.1129e-07	6.7336e-06	0.0000e+00
1278	0.0000e+00	0.0000e+00	-5.0452e-04	3.3512e-07	6.4935e-06	0.0000e+00
1279	0.0000e+00	0.0000e+00	-4.7679e-04	8.5402e-07	5.8675e-06	0.0000e+00
1280	0.0000e+00	0.0000e+00	-4.3071e-04	1.1781e-06	5.1341e-06	0.0000e+00
1281	0.0000e+00	0.0000e+00	-3.7550e-04	1.2905e-06	4.4678e-06	0.0000e+00
1282	0.0000e+00	0.0000e+00	-3.1908e-04	1.2506e-06	3.9004e-06	0.0000e+00
1283	0.0000e+00	0.0000e+00	-2.6679e-04	1.1162e-06	3.4374e-06	0.0000e+00
1284	0.0000e+00	0.0000e+00	-2.2171e-04	9.3448e-07	3.0768e-06	0.0000e+00
1285	0.0000e+00	0.0000e+00	-1.8517e-04	7.4037e-07	2.8090e-06	0.0000e+00
1286	0.0000e+00	0.0000e+00	-1.5755e-04	5.3722e-07	2.5836e-06	0.0000e+00
1287	0.0000e+00	0.0000e+00	-1.4303e-04	1.4204e-07	2.4069e-06	0.0000e+00
1288	0.0000e+00	0.0000e+00	-8.5042e-04	1.3945e-06	9.3016e-06	0.0000e+00
1289	0.0000e+00	0.0000e+00	-7.7305e-04	1.8422e-06	7.6727e-06	0.0000e+00
1290	0.0000e+00	0.0000e+00	-6.8398e-04	2.0040e-06	6.4481e-06	0.0000e+00
1291	0.0000e+00	0.0000e+00	-5.9363e-04	1.9616e-06	5.5125e-06	0.0000e+00
1292	0.0000e+00	0.0000e+00	-5.0930e-04	1.7788e-06	4.8063e-06	0.0000e+00
1293	0.0000e+00	0.0000e+00	-4.3581e-04	1.5066e-06	4.3017e-06	0.0000e+00
1294	0.0000e+00	0.0000e+00	-3.7605e-04	1.1843e-06	3.9919e-06	0.0000e+00
1295	0.0000e+00	0.0000e+00	-3.3140e-04	8.4073e-07	3.8925e-06	0.0000e+00
1296	0.0000e+00	0.0000e+00	-3.0214e-04	4.9292e-07	4.0507e-06	0.0000e+00
1297	0.0000e+00	0.0000e+00	-1.3619e-05	-2.5132e-07	-4.7455e-07	0.0000e+00
1298	0.0000e+00	0.0000e+00	-3.4368e-05	-5.9931e-07	-6.6821e-07	0.0000e+00
1299	0.0000e+00	0.0000e+00	-5.2420e-05	-2.8265e-07	-5.5529e-07	0.0000e+00
1300	0.0000e+00	0.0000e+00	-6.0206e-05	-1.0739e-07	-4.2290e-07	0.0000e+00
1301	0.0000e+00	0.0000e+00	-6.2658e-05	-2.2118e-08	-3.9293e-07	0.0000e+00
1302	0.0000e+00	0.0000e+00	-6.2576e-05	1.9841e-08	-4.6819e-07	0.0000e+00
1303	0.0000e+00	0.0000e+00	-6.0895e-05	6.3353e-08	-6.5235e-07	0.0000e+00
1304	0.0000e+00	0.0000e+00	-5.6504e-05	1.6245e-07	-9.5727e-07	0.0000e+00
1305	0.0000e+00	0.0000e+00	-4.5769e-05	3.8716e-07	-1.3880e-06	0.0000e+00
1306	0.0000e+00	0.0000e+00	-2.2062e-05	7.9601e-07	-1.6847e-06	0.0000e+00
1307	0.0000e+00	0.0000e+00	-9.3014e-06	-3.4269e-07	-1.5489e-06	0.0000e+00
1308	0.0000e+00	0.0000e+00	-2.4900e-06	-1.8073e-07	-1.0369e-07	0.0000e+00
1309	0.0000e+00	0.0000e+00	-1.5854e-05	-3.9046e-07	-2.7043e-07	0.0000e+00
1310	0.0000e+00	0.0000e+00	-3.1180e-05	-2.8714e-07	-4.4866e-07	0.0000e+00
1311	0.0000e+00	0.0000e+00	-3.9439e-05	-1.0699e-07	-5.3728e-07	0.0000e+00
1312	0.0000e+00	0.0000e+00	-4.0597e-05	3.7527e-08	-6.2665e-07	0.0000e+00
1313	0.0000e+00	0.0000e+00	-3.6363e-05	1.4732e-07	-7.4475e-07	0.0000e+00
1314	0.0000e+00	0.0000e+00	-2.7634e-05	2.5383e-07	-8.8806e-07	0.0000e+00
1315	0.0000e+00	0.0000e+00	-1.3848e-05	3.8997e-07	-1.0248e-06	0.0000e+00
1316	0.0000e+00	0.0000e+00	6.1932e-06	5.3998e-07	-1.0798e-06	0.0000e+00
1317	0.0000e+00	0.0000e+00	2.9883e-05	4.8051e-07	-8.8901e-07	0.0000e+00
1318	0.0000e+00	0.0000e+00	3.7591e-05	-1.8581e-07	-7.7025e-07	0.0000e+00
1319	0.0000e+00	0.0000e+00	3.7023e-06	-1.1505e-07	-2.0910e-07	0.0000e+00
1320	0.0000e+00	0.0000e+00	-3.1655e-06	-1.8080e-07	-3.5687e-07	0.0000e+00
1321	0.0000e+00	0.0000e+00	-9.6795e-06	-1.0368e-07	-5.8668e-07	0.0000e+00
1322	0.0000e+00	0.0000e+00	-1.0914e-05	4.1743e-08	-8.0668e-07	0.0000e+00
1323	0.0000e+00	0.0000e+00	-5.7275e-06	1.8156e-07	-1.0050e-06	0.0000e+00
1324	0.0000e+00	0.0000e+00	4.9146e-06	2.9121e-07	-1.1860e-06	0.0000e+00
1325	0.0000e+00	0.0000e+00	1.9694e-05	3.7359e-07	-1.3341e-06	0.0000e+00
1326	0.0000e+00	0.0000e+00	3.7491e-05	4.3039e-07	-1.4067e-06	0.0000e+00
1327	0.0000e+00	0.0000e+00	5.6642e-05	4.2720e-07	-1.3501e-06	0.0000e+00
1328	0.0000e+00	0.0000e+00	7.2748e-05	2.7193e-07	-1.1843e-06	0.0000e+00
1329	0.0000e+00	0.0000e+00	7.7506e-05	-7.2614e-08	-1.1421e-06	0.0000e+00
1330	0.0000e+00	0.0000e+00	2.1268e-05	-3.9981e-08	-6.2318e-07	0.0000e+00
1331	0.0000e+00	0.0000e+00	2.0838e-05	2.9117e-08	-7.7868e-07	0.0000e+00

1332	0.0000e+00	0.0000e+00	2.4831e-05	1.5351e-07	-1.0412e-06	0.0000e+00
1333	0.0000e+00	0.0000e+00	3.4745e-05	2.9177e-07	-1.3327e-06	0.0000e+00
1334	0.0000e+00	0.0000e+00	5.0481e-05	4.1278e-07	-1.6182e-06	0.0000e+00
1335	0.0000e+00	0.0000e+00	7.0769e-05	4.9411e-07	-1.8862e-06	0.0000e+00
1336	0.0000e+00	0.0000e+00	9.3465e-05	5.1790e-07	-2.1171e-06	0.0000e+00
1337	0.0000e+00	0.0000e+00	1.1568e-04	4.6791e-07	-2.2707e-06	0.0000e+00
1338	0.0000e+00	0.0000e+00	1.3399e-04	3.3988e-07	-2.3051e-06	0.0000e+00
1339	0.0000e+00	0.0000e+00	1.4551e-04	1.7071e-07	-2.2468e-06	0.0000e+00
1340	0.0000e+00	0.0000e+00	1.5010e-04	4.0625e-08	-2.2694e-06	0.0000e+00
1341	0.0000e+00	0.0000e+00	6.3056e-05	4.7799e-08	-1.3289e-06	0.0000e+00
1342	0.0000e+00	0.0000e+00	6.9787e-05	2.6319e-07	-1.5044e-06	0.0000e+00
1343	0.0000e+00	0.0000e+00	8.5718e-05	4.5236e-07	-1.7970e-06	0.0000e+00
1344	0.0000e+00	0.0000e+00	1.0906e-04	6.0524e-07	-2.1190e-06	0.0000e+00
1345	0.0000e+00	0.0000e+00	1.3860e-04	7.2899e-07	-2.4657e-06	0.0000e+00
1346	0.0000e+00	0.0000e+00	1.7271e-04	8.0337e-07	-2.8367e-06	0.0000e+00
1347	0.0000e+00	0.0000e+00	2.0852e-04	7.9406e-07	-3.2207e-06	0.0000e+00
1348	0.0000e+00	0.0000e+00	2.4157e-04	6.6519e-07	-3.5859e-06	0.0000e+00
1349	0.0000e+00	0.0000e+00	2.6633e-04	4.1389e-07	-3.8740e-06	0.0000e+00
1350	0.0000e+00	0.0000e+00	2.7929e-04	1.6838e-07	-4.0001e-06	0.0000e+00
1351	0.0000e+00	0.0000e+00	2.8670e-04	1.9150e-07	-4.0936e-06	0.0000e+00
1352	0.0000e+00	0.0000e+00	1.4306e-04	1.4205e-07	-2.4071e-06	0.0000e+00
1353	0.0000e+00	0.0000e+00	1.5758e-04	5.3722e-07	-2.5839e-06	0.0000e+00
1354	0.0000e+00	0.0000e+00	1.8520e-04	7.4038e-07	-2.8092e-06	0.0000e+00
1355	0.0000e+00	0.0000e+00	2.2174e-04	9.3451e-07	-3.0771e-06	0.0000e+00
1356	0.0000e+00	0.0000e+00	2.6682e-04	1.1163e-06	-3.4376e-06	0.0000e+00
1357	0.0000e+00	0.0000e+00	3.1912e-04	1.2507e-06	-3.9007e-06	0.0000e+00
1358	0.0000e+00	0.0000e+00	3.7555e-04	1.2906e-06	-4.4681e-06	0.0000e+00
1359	0.0000e+00	0.0000e+00	4.3076e-04	1.1782e-06	-5.1344e-06	0.0000e+00
1360	0.0000e+00	0.0000e+00	4.7685e-04	8.5415e-07	-5.8678e-06	0.0000e+00
1361	0.0000e+00	0.0000e+00	5.0458e-04	3.3522e-07	-6.4938e-06	0.0000e+00
1362	0.0000e+00	0.0000e+00	5.1928e-04	4.1133e-07	-6.7339e-06	0.0000e+00
1363	0.0000e+00	0.0000e+00	3.0219e-04	4.9292e-07	-4.0510e-06	0.0000e+00
1364	0.0000e+00	0.0000e+00	3.3144e-04	8.4074e-07	-3.8927e-06	0.0000e+00
1365	0.0000e+00	0.0000e+00	3.7610e-04	1.1843e-06	-3.9922e-06	0.0000e+00
1366	0.0000e+00	0.0000e+00	4.3586e-04	1.5066e-06	-4.3020e-06	0.0000e+00
1367	0.0000e+00	0.0000e+00	5.0935e-04	1.7789e-06	-4.8066e-06	0.0000e+00
1368	0.0000e+00	0.0000e+00	5.9368e-04	1.9617e-06	-5.5127e-06	0.0000e+00
1369	0.0000e+00	0.0000e+00	6.8404e-04	2.0042e-06	-6.4484e-06	0.0000e+00
1370	0.0000e+00	0.0000e+00	7.7312e-04	1.8423e-06	-7.6729e-06	0.0000e+00
1371	0.0000e+00	0.0000e+00	8.5049e-04	1.3946e-06	-9.3019e-06	0.0000e+00
1372	0.0000e+00	0.0000e+00	-3.5043e-05	-2.0863e-07	-1.7806e-06	0.0000e+00
1373	0.0000e+00	0.0000e+00	-7.7146e-05	-1.4794e-06	-2.1249e-06	0.0000e+00
1374	0.0000e+00	0.0000e+00	-1.2130e-04	-6.9468e-07	-1.7225e-06	0.0000e+00
1375	0.0000e+00	0.0000e+00	-1.4033e-04	-2.6679e-07	-1.2050e-06	0.0000e+00
1376	0.0000e+00	0.0000e+00	-1.4670e-04	-6.7138e-08	-9.3310e-07	0.0000e+00
1377	0.0000e+00	0.0000e+00	-1.4726e-04	3.0771e-08	-9.0465e-07	0.0000e+00
1378	0.0000e+00	0.0000e+00	-1.4389e-04	1.4050e-07	-1.1161e-06	0.0000e+00
1379	0.0000e+00	0.0000e+00	-1.3363e-04	3.8444e-07	-1.5836e-06	0.0000e+00
1380	0.0000e+00	0.0000e+00	-1.0795e-04	9.1065e-07	-2.3136e-06	0.0000e+00
1381	0.0000e+00	0.0000e+00	-5.1972e-05	1.8482e-06	-2.8015e-06	0.0000e+00
1382	0.0000e+00	0.0000e+00	-8.9424e-06	-1.5700e-07	-2.3803e-06	0.0000e+00
1383	0.0000e+00	0.0000e+00	1.2692e-05	-2.3837e-07	-6.3287e-07	0.0000e+00
1384	0.0000e+00	0.0000e+00	-1.6206e-05	-9.8055e-07	-9.3054e-07	0.0000e+00
1385	0.0000e+00	0.0000e+00	-5.7662e-05	-8.3708e-07	-1.2944e-06	0.0000e+00
1386	0.0000e+00	0.0000e+00	-8.5023e-05	-4.4836e-07	-1.3556e-06	0.0000e+00
1387	0.0000e+00	0.0000e+00	-9.6999e-05	-1.3234e-07	-1.3633e-06	0.0000e+00
1388	0.0000e+00	0.0000e+00	-9.7231e-05	1.0980e-07	-1.4076e-06	0.0000e+00
1389	0.0000e+00	0.0000e+00	-8.7296e-05	3.5801e-07	-1.5013e-06	0.0000e+00
1390	0.0000e+00	0.0000e+00	-6.5130e-05	6.9336e-07	-1.5957e-06	0.0000e+00
1391	0.0000e+00	0.0000e+00	-2.6823e-05	1.0959e-06	-1.5536e-06	0.0000e+00
1392	0.0000e+00	0.0000e+00	2.4353e-05	1.1293e-06	-1.0553e-06	0.0000e+00
1393	0.0000e+00	0.0000e+00	5.1329e-05	-1.9453e-08	-6.9428e-07	0.0000e+00
1394	0.0000e+00	0.0000e+00	4.6170e-05	-2.6479e-07	-1.0010e-06	0.0000e+00
1395	0.0000e+00	0.0000e+00	2.7139e-05	-5.6291e-07	-1.1968e-06	0.0000e+00
1396	0.0000e+00	0.0000e+00	2.3422e-06	-5.2407e-07	-1.6079e-06	0.0000e+00
1397	0.0000e+00	0.0000e+00	-1.5601e-05	-2.9198e-07	-1.9307e-06	0.0000e+00
1398	0.0000e+00	0.0000e+00	-2.2573e-05	-3.9977e-08	-2.1302e-06	0.0000e+00
1399	0.0000e+00	0.0000e+00	-1.9310e-05	1.7848e-07	-2.2444e-06	0.0000e+00
1400	0.0000e+00	0.0000e+00	-7.0596e-06	3.7914e-07	-2.2745e-06	0.0000e+00
1401	0.0000e+00	0.0000e+00	1.3834e-05	5.7716e-07	-2.1626e-06	0.0000e+00
1402	0.0000e+00	0.0000e+00	4.2370e-05	7.1027e-07	-1.8255e-06	0.0000e+00
1403	0.0000e+00	0.0000e+00	7.2080e-05	5.8634e-07	-1.3172e-06	0.0000e+00

1404	0.0000e+00	0.0000e+00	8.7778e-05	9.3627e-08	-1.1031e-06	0.0000e+00
1405	0.0000e+00	0.0000e+00	1.1704e-04	-2.9811e-07	-2.3449e-06	0.0000e+00
1406	0.0000e+00	0.0000e+00	1.0499e-04	-2.3699e-07	-2.4876e-06	0.0000e+00
1407	0.0000e+00	0.0000e+00	9.6671e-05	-1.3117e-07	-2.8573e-06	0.0000e+00
1408	0.0000e+00	0.0000e+00	9.3712e-05	4.2117e-09	-3.2107e-06	0.0000e+00
1409	0.0000e+00	0.0000e+00	9.7072e-05	1.4841e-07	-3.4691e-06	0.0000e+00
1410	0.0000e+00	0.0000e+00	1.0651e-04	2.7213e-07	-3.6374e-06	0.0000e+00
1411	0.0000e+00	0.0000e+00	1.2052e-04	3.4839e-07	-3.7076e-06	0.0000e+00
1412	0.0000e+00	0.0000e+00	1.3650e-04	3.5395e-07	-3.6290e-06	0.0000e+00
1413	0.0000e+00	0.0000e+00	1.5108e-04	2.8398e-07	-3.3481e-06	0.0000e+00
1414	0.0000e+00	0.0000e+00	1.6179e-04	1.9497e-07	-2.9475e-06	0.0000e+00
1415	0.0000e+00	0.0000e+00	1.7022e-04	2.0214e-07	-2.7941e-06	0.0000e+00
1416	0.0000e+00	0.0000e+00	2.6609e-04	-3.6137e-07	-4.6114e-06	0.0000e+00
1417	0.0000e+00	0.0000e+00	2.5913e-04	3.8489e-08	-4.7138e-06	0.0000e+00
1418	0.0000e+00	0.0000e+00	2.6458e-04	1.9863e-07	-4.9866e-06	0.0000e+00
1419	0.0000e+00	0.0000e+00	2.7439e-04	2.7099e-07	-5.1973e-06	0.0000e+00
1420	0.0000e+00	0.0000e+00	2.8787e-04	3.5658e-07	-5.3865e-06	0.0000e+00
1421	0.0000e+00	0.0000e+00	3.0537e-04	4.3234e-07	-5.5867e-06	0.0000e+00
1422	0.0000e+00	0.0000e+00	3.2513e-04	4.3433e-07	-5.7972e-06	0.0000e+00
1423	0.0000e+00	0.0000e+00	3.4250e-04	3.0055e-07	-5.9740e-06	0.0000e+00
1424	0.0000e+00	0.0000e+00	3.5120e-04	3.6251e-08	-6.0260e-06	0.0000e+00
1425	0.0000e+00	0.0000e+00	3.4910e-04	-1.1632e-07	-5.8286e-06	0.0000e+00
1426	0.0000e+00	0.0000e+00	3.5166e-04	2.9352e-07	-5.6797e-06	0.0000e+00
1427	0.0000e+00	0.0000e+00	5.3714e-04	-4.9283e-07	-8.0300e-06	0.0000e+00
1428	0.0000e+00	0.0000e+00	5.3202e-04	2.4473e-07	-8.0045e-06	0.0000e+00
1429	0.0000e+00	0.0000e+00	5.4109e-04	2.5028e-07	-7.8225e-06	0.0000e+00
1430	0.0000e+00	0.0000e+00	5.5250e-04	3.3167e-07	-7.6316e-06	0.0000e+00
1431	0.0000e+00	0.0000e+00	5.7023e-04	5.0544e-07	-7.6191e-06	0.0000e+00
1432	0.0000e+00	0.0000e+00	5.9650e-04	6.8977e-07	-7.8169e-06	0.0000e+00
1433	0.0000e+00	0.0000e+00	6.2961e-04	7.8736e-07	-8.2280e-06	0.0000e+00
1434	0.0000e+00	0.0000e+00	6.6358e-04	6.9446e-07	-8.8396e-06	0.0000e+00
1435	0.0000e+00	0.0000e+00	6.8809e-04	3.1717e-07	-9.5925e-06	0.0000e+00
1436	0.0000e+00	0.0000e+00	6.9138e-04	-2.8500e-07	-1.0167e-05	0.0000e+00
1437	0.0000e+00	0.0000e+00	6.8986e-04	3.5398e-07	-1.0125e-05	0.0000e+00
1438	0.0000e+00	0.0000e+00	9.7273e-04	-6.7906e-07	-1.2173e-05	0.0000e+00
1439	0.0000e+00	0.0000e+00	9.4577e-04	-3.9576e-07	-1.0702e-05	0.0000e+00
1440	0.0000e+00	0.0000e+00	9.3550e-04	2.4621e-08	-9.9008e-06	0.0000e+00
1441	0.0000e+00	0.0000e+00	9.4663e-04	5.1392e-07	-9.6119e-06	0.0000e+00
1442	0.0000e+00	0.0000e+00	9.8063e-04	9.9840e-07	-9.7674e-06	0.0000e+00
1443	0.0000e+00	0.0000e+00	1.0357e-03	1.3987e-06	-1.0355e-05	0.0000e+00
1444	0.0000e+00	0.0000e+00	1.1063e-03	1.6280e-06	-1.1412e-05	0.0000e+00
1445	0.0000e+00	0.0000e+00	1.1831e-03	1.5894e-06	-1.3040e-05	0.0000e+00
1446	0.0000e+00	0.0000e+00	1.2521e-03	1.1710e-06	-1.5453e-05	0.0000e+00
1447	0.0000e+00	0.0000e+00	-5.4271e-05	-1.9750e-06	-2.9336e-06	0.0000e+00
1448	0.0000e+00	0.0000e+00	-1.0919e-04	-9.7808e-07	-2.7443e-06	0.0000e+00
1449	0.0000e+00	0.0000e+00	-1.3164e-04	-3.0277e-07	-2.2076e-06	0.0000e+00
1450	0.0000e+00	0.0000e+00	-1.3460e-04	7.0980e-08	-1.9294e-06	0.0000e+00
1451	0.0000e+00	0.0000e+00	-1.2717e-04	2.5740e-07	-1.9400e-06	0.0000e+00
1452	0.0000e+00	0.0000e+00	-1.1470e-04	3.5062e-07	-2.2266e-06	0.0000e+00
1453	0.0000e+00	0.0000e+00	-9.9328e-05	4.2482e-07	-2.7699e-06	0.0000e+00
1454	0.0000e+00	0.0000e+00	-8.0723e-05	5.3760e-07	-3.5508e-06	0.0000e+00
1455	0.0000e+00	0.0000e+00	-5.7117e-05	6.8720e-07	-4.3789e-06	0.0000e+00
1456	0.0000e+00	0.0000e+00	-3.8375e-05	1.6755e-07	-5.5060e-06	0.0000e+00
1457	0.0000e+00	0.0000e+00	2.8258e-05	-1.0064e-06	-1.2152e-06	0.0000e+00
1458	0.0000e+00	0.0000e+00	-1.1970e-05	-9.1366e-07	-1.8764e-06	0.0000e+00
1459	0.0000e+00	0.0000e+00	-3.6768e-05	-3.8080e-07	-2.1867e-06	0.0000e+00
1460	0.0000e+00	0.0000e+00	-4.0703e-05	1.2216e-07	-2.4044e-06	0.0000e+00
1461	0.0000e+00	0.0000e+00	-2.7274e-05	5.0870e-07	-2.6692e-06	0.0000e+00
1462	0.0000e+00	0.0000e+00	-5.5888e-07	8.1009e-07	-3.0396e-06	0.0000e+00
1463	0.0000e+00	0.0000e+00	3.6964e-05	1.0688e-06	-3.5177e-06	0.0000e+00
1464	0.0000e+00	0.0000e+00	8.3805e-05	1.2853e-06	-4.0666e-06	0.0000e+00
1465	0.0000e+00	0.0000e+00	1.3642e-04	1.3285e-06	-4.5381e-06	0.0000e+00
1466	0.0000e+00	0.0000e+00	1.8154e-04	8.7349e-07	-5.3882e-06	0.0000e+00
1467	0.0000e+00	0.0000e+00	8.3156e-05	-2.7516e-07	-1.4875e-06	0.0000e+00
1468	0.0000e+00	0.0000e+00	7.1779e-05	-2.3709e-07	-2.1673e-06	0.0000e+00
1469	0.0000e+00	0.0000e+00	6.8885e-05	9.9466e-08	-2.7994e-06	0.0000e+00
1470	0.0000e+00	0.0000e+00	8.1703e-05	5.2353e-07	-3.3127e-06	0.0000e+00
1471	0.0000e+00	0.0000e+00	1.1107e-04	9.2597e-07	-3.7619e-06	0.0000e+00
1472	0.0000e+00	0.0000e+00	1.5543e-04	1.2803e-06	-4.1995e-06	0.0000e+00
1473	0.0000e+00	0.0000e+00	2.1271e-04	1.5778e-06	-4.6380e-06	0.0000e+00
1474	0.0000e+00	0.0000e+00	2.8006e-04	1.7809e-06	-5.0628e-06	0.0000e+00
1475	0.0000e+00	0.0000e+00	3.5199e-04	1.7885e-06	-5.4147e-06	0.0000e+00

1476	0.0000e+00	0.0000e+00	4.1732e-04	1.4399e-06	-6.1427e-06	0.0000e+00
1477	0.0000e+00	0.0000e+00	1.8039e-04	3.2210e-07	-3.1206e-06	0.0000e+00
1478	0.0000e+00	0.0000e+00	1.9670e-04	5.1110e-07	-3.7393e-06	0.0000e+00
1479	0.0000e+00	0.0000e+00	2.2189e-04	7.6911e-07	-4.3820e-06	0.0000e+00
1480	0.0000e+00	0.0000e+00	2.5873e-04	1.0875e-06	-4.9426e-06	0.0000e+00
1481	0.0000e+00	0.0000e+00	3.0904e-04	1.4332e-06	-5.4350e-06	0.0000e+00
1482	0.0000e+00	0.0000e+00	3.7304e-04	1.7631e-06	-5.8941e-06	0.0000e+00
1483	0.0000e+00	0.0000e+00	4.4917e-04	2.0314e-06	-6.3280e-06	0.0000e+00
1484	0.0000e+00	0.0000e+00	5.3394e-04	2.1883e-06	-6.7247e-06	0.0000e+00
1485	0.0000e+00	0.0000e+00	6.2180e-04	2.1800e-06	-7.0390e-06	0.0000e+00
1486	0.0000e+00	0.0000e+00	7.0427e-04	1.9134e-06	-7.6773e-06	0.0000e+00
1487	0.0000e+00	0.0000e+00	3.7507e-04	8.6349e-07	-5.9826e-06	0.0000e+00
1488	0.0000e+00	0.0000e+00	4.1553e-04	1.1548e-06	-6.4846e-06	0.0000e+00
1489	0.0000e+00	0.0000e+00	4.6450e-04	1.3432e-06	-6.9020e-06	0.0000e+00
1490	0.0000e+00	0.0000e+00	5.2231e-04	1.5961e-06	-7.2732e-06	0.0000e+00
1491	0.0000e+00	0.0000e+00	5.9205e-04	1.9190e-06	-7.6532e-06	0.0000e+00
1492	0.0000e+00	0.0000e+00	6.7531e-04	2.2476e-06	-8.0729e-06	0.0000e+00
1493	0.0000e+00	0.0000e+00	7.7064e-04	2.4993e-06	-8.5281e-06	0.0000e+00
1494	0.0000e+00	0.0000e+00	8.7338e-04	2.6009e-06	-8.9821e-06	0.0000e+00
1495	0.0000e+00	0.0000e+00	9.7680e-04	2.5353e-06	-9.3334e-06	0.0000e+00
1496	0.0000e+00	0.0000e+00	1.0745e-03	2.3311e-06	-9.9068e-06	0.0000e+00
1497	0.0000e+00	0.0000e+00	7.2359e-04	1.3591e-06	-1.0284e-05	0.0000e+00
1498	0.0000e+00	0.0000e+00	7.7588e-04	1.3825e-06	-1.0226e-05	0.0000e+00
1499	0.0000e+00	0.0000e+00	8.3128e-04	1.5069e-06	-1.0023e-05	0.0000e+00
1500	0.0000e+00	0.0000e+00	8.9638e-04	1.8282e-06	-9.9527e-06	0.0000e+00
1501	0.0000e+00	0.0000e+00	9.7735e-04	2.2670e-06	-1.0072e-05	0.0000e+00
1502	0.0000e+00	0.0000e+00	1.0767e-03	2.7176e-06	-1.0383e-05	0.0000e+00
1503	0.0000e+00	0.0000e+00	1.1924e-03	3.0618e-06	-1.0869e-05	0.0000e+00
1504	0.0000e+00	0.0000e+00	1.3178e-03	3.1726e-06	-1.1487e-05	0.0000e+00
1505	0.0000e+00	0.0000e+00	1.4419e-03	2.9773e-06	-1.2078e-05	0.0000e+00
1506	0.0000e+00	0.0000e+00	1.5561e-03	2.7349e-06	-1.2746e-05	0.0000e+00
1507	0.0000e+00	0.0000e+00	1.2988e-03	2.2892e-07	-1.6037e-05	0.0000e+00
1508	0.0000e+00	0.0000e+00	1.3074e-03	4.7284e-07	-1.4104e-05	0.0000e+00
1509	0.0000e+00	0.0000e+00	1.3319e-03	9.6181e-07	-1.2900e-05	0.0000e+00
1510	0.0000e+00	0.0000e+00	1.3810e-03	1.6146e-06	-1.2238e-05	0.0000e+00
1511	0.0000e+00	0.0000e+00	1.4594e-03	2.3415e-06	-1.2001e-05	0.0000e+00
1512	0.0000e+00	0.0000e+00	1.5684e-03	3.0425e-06	-1.2125e-05	0.0000e+00
1513	0.0000e+00	0.0000e+00	1.7047e-03	3.6050e-06	-1.2575e-05	0.0000e+00
1514	0.0000e+00	0.0000e+00	1.8607e-03	3.8996e-06	-1.3346e-05	0.0000e+00
1515	0.0000e+00	0.0000e+00	2.0230e-03	3.7761e-06	-1.4460e-05	0.0000e+00
1516	0.0000e+00	0.0000e+00	5.6487e-05	1.2136e-06	2.1385e-06	0.0000e+00
1517	0.0000e+00	0.0000e+00	9.0718e-05	6.1846e-07	2.1148e-06	0.0000e+00
1518	0.0000e+00	0.0000e+00	1.0407e-04	1.3106e-07	1.8574e-06	0.0000e+00
1519	0.0000e+00	0.0000e+00	1.0096e-04	-2.7541e-07	1.7949e-06	0.0000e+00
1520	0.0000e+00	0.0000e+00	8.2021e-05	-7.2594e-07	1.9311e-06	0.0000e+00
1521	0.0000e+00	0.0000e+00	4.3658e-05	-1.2884e-06	1.9351e-06	0.0000e+00
1522	0.0000e+00	0.0000e+00	-5.5993e-06	5.0934e-07	9.5905e-07	0.0000e+00
1523	0.0000e+00	0.0000e+00	1.6570e-05	5.1873e-07	1.4071e-06	0.0000e+00
1524	0.0000e+00	0.0000e+00	2.9998e-05	1.6128e-07	1.5753e-06	0.0000e+00
1525	0.0000e+00	0.0000e+00	2.7924e-05	-2.5976e-07	1.5846e-06	0.0000e+00
1526	0.0000e+00	0.0000e+00	1.0160e-05	-6.3099e-07	1.4541e-06	0.0000e+00
1527	0.0000e+00	0.0000e+00	-1.8010e-05	-7.1463e-07	1.0924e-06	0.0000e+00
1528	0.0000e+00	0.0000e+00	-4.9934e-05	5.1296e-08	1.2154e-06	0.0000e+00
1529	0.0000e+00	0.0000e+00	-4.5263e-05	1.3953e-07	1.5922e-06	0.0000e+00
1530	0.0000e+00	0.0000e+00	-4.1653e-05	2.1435e-08	1.8425e-06	0.0000e+00
1531	0.0000e+00	0.0000e+00	-4.4684e-05	-1.7738e-07	1.8679e-06	0.0000e+00
1532	0.0000e+00	0.0000e+00	-5.5149e-05	-3.3550e-07	1.6790e-06	0.0000e+00
1533	0.0000e+00	0.0000e+00	-6.8992e-05	-3.2190e-07	1.3651e-06	0.0000e+00
1534	0.0000e+00	0.0000e+00	-1.2879e-04	-2.7960e-07	2.5290e-06	0.0000e+00
1535	0.0000e+00	0.0000e+00	-1.3828e-04	-1.9723e-07	2.8314e-06	0.0000e+00
1536	0.0000e+00	0.0000e+00	-1.4421e-04	-1.1406e-07	3.0204e-06	0.0000e+00
1537	0.0000e+00	0.0000e+00	-1.4752e-04	-6.4953e-08	2.9990e-06	0.0000e+00
1538	0.0000e+00	0.0000e+00	-1.4950e-04	-3.9888e-08	2.7844e-06	0.0000e+00
1539	0.0000e+00	0.0000e+00	-1.5054e-04	-1.3612e-08	2.4822e-06	0.0000e+00
1540	0.0000e+00	0.0000e+00	-2.8603e-04	-5.8724e-07	4.8337e-06	0.0000e+00
1541	0.0000e+00	0.0000e+00	-3.0694e-04	-4.3727e-07	5.0699e-06	0.0000e+00
1542	0.0000e+00	0.0000e+00	-3.1810e-04	-1.4754e-07	5.1072e-06	0.0000e+00
1543	0.0000e+00	0.0000e+00	-3.1838e-04	1.0945e-07	4.9796e-06	0.0000e+00
1544	0.0000e+00	0.0000e+00	-3.1017e-04	2.8665e-07	4.7215e-06	0.0000e+00
1545	0.0000e+00	0.0000e+00	-2.9736e-04	3.2534e-07	4.3668e-06	0.0000e+00
1546	0.0000e+00	0.0000e+00	-5.6624e-04	-9.0340e-07	8.2418e-06	0.0000e+00
1547	0.0000e+00	0.0000e+00	-5.9099e-04	-4.0639e-07	8.1017e-06	0.0000e+00

1548	0.0000e+00	0.0000e+00	-5.9708e-04	3.8213e-08	7.7814e-06	0.0000e+00
1549	0.0000e+00	0.0000e+00	-5.8872e-04	3.5737e-07	7.5066e-06	0.0000e+00
1550	0.0000e+00	0.0000e+00	-5.6974e-04	6.0786e-07	7.2995e-06	0.0000e+00
1551	0.0000e+00	0.0000e+00	-5.4273e-04	7.7837e-07	7.0406e-06	0.0000e+00
1552	0.0000e+00	0.0000e+00	-1.0194e-03	-9.7842e-08	1.2453e-05	0.0000e+00
1553	0.0000e+00	0.0000e+00	-1.0104e-03	3.0886e-07	1.1078e-05	0.0000e+00
1554	0.0000e+00	0.0000e+00	-9.9096e-04	5.0213e-07	1.0241e-05	0.0000e+00
1555	0.0000e+00	0.0000e+00	-9.6793e-04	5.6063e-07	9.8512e-06	0.0000e+00
1556	0.0000e+00	0.0000e+00	-9.4518e-04	5.5469e-07	9.8890e-06	0.0000e+00
1557	0.0000e+00	0.0000e+00	-9.2375e-04	5.4690e-07	1.0405e-05	0.0000e+00
1558	0.0000e+00	0.0000e+00	-4.3639e-05	-1.2883e-06	-1.9352e-06	0.0000e+00
1559	0.0000e+00	0.0000e+00	-8.1999e-05	-7.2587e-07	-1.9312e-06	0.0000e+00
1560	0.0000e+00	0.0000e+00	-1.0094e-04	-2.7536e-07	-1.7950e-06	0.0000e+00
1561	0.0000e+00	0.0000e+00	-1.0405e-04	1.3109e-07	-1.8574e-06	0.0000e+00
1562	0.0000e+00	0.0000e+00	-9.0691e-05	6.1846e-07	-2.1149e-06	0.0000e+00
1563	0.0000e+00	0.0000e+00	-5.6461e-05	1.2136e-06	-2.1385e-06	0.0000e+00
1564	0.0000e+00	0.0000e+00	1.8035e-05	-7.1456e-07	-1.0925e-06	0.0000e+00
1565	0.0000e+00	0.0000e+00	-1.0133e-05	-6.3094e-07	-1.4542e-06	0.0000e+00
1566	0.0000e+00	0.0000e+00	-2.7895e-05	-2.5973e-07	-1.5847e-06	0.0000e+00
1567	0.0000e+00	0.0000e+00	-2.9968e-05	1.6128e-07	-1.5754e-06	0.0000e+00
1568	0.0000e+00	0.0000e+00	-1.6542e-05	5.1869e-07	-1.4071e-06	0.0000e+00
1569	0.0000e+00	0.0000e+00	5.6251e-06	5.0925e-07	-9.5903e-07	0.0000e+00
1570	0.0000e+00	0.0000e+00	6.9024e-05	-3.2184e-07	-1.3653e-06	0.0000e+00
1571	0.0000e+00	0.0000e+00	5.5183e-05	-3.3547e-07	-1.6792e-06	0.0000e+00
1572	0.0000e+00	0.0000e+00	4.4718e-05	-1.7738e-07	-1.8681e-06	0.0000e+00
1573	0.0000e+00	0.0000e+00	4.1686e-05	2.1385e-08	-1.8426e-06	0.0000e+00
1574	0.0000e+00	0.0000e+00	4.5293e-05	1.3942e-07	-1.5922e-06	0.0000e+00
1575	0.0000e+00	0.0000e+00	4.9958e-05	5.1104e-08	-1.2153e-06	0.0000e+00
1576	0.0000e+00	0.0000e+00	1.5059e-04	-1.3573e-08	-2.4824e-06	0.0000e+00
1577	0.0000e+00	0.0000e+00	1.4954e-04	-3.9889e-08	-2.7846e-06	0.0000e+00
1578	0.0000e+00	0.0000e+00	1.4756e-04	-6.5005e-08	-2.9991e-06	0.0000e+00
1579	0.0000e+00	0.0000e+00	1.4424e-04	-1.1418e-07	-3.0205e-06	0.0000e+00
1580	0.0000e+00	0.0000e+00	1.3831e-04	-1.9744e-07	-2.8314e-06	0.0000e+00
1581	0.0000e+00	0.0000e+00	1.2882e-04	-2.7991e-07	-2.5289e-06	0.0000e+00
1582	0.0000e+00	0.0000e+00	2.9741e-04	3.2535e-07	-4.3670e-06	0.0000e+00
1583	0.0000e+00	0.0000e+00	3.1022e-04	2.8661e-07	-4.7217e-06	0.0000e+00
1584	0.0000e+00	0.0000e+00	3.1843e-04	1.0934e-07	-4.9798e-06	0.0000e+00
1585	0.0000e+00	0.0000e+00	3.1814e-04	-1.4775e-07	-5.1073e-06	0.0000e+00
1586	0.0000e+00	0.0000e+00	3.0697e-04	-4.3758e-07	-5.0699e-06	0.0000e+00
1587	0.0000e+00	0.0000e+00	2.8605e-04	-5.8770e-07	-4.8336e-06	0.0000e+00
1588	0.0000e+00	0.0000e+00	5.4279e-04	7.7834e-07	-7.0408e-06	0.0000e+00
1589	0.0000e+00	0.0000e+00	5.6980e-04	6.0776e-07	-7.2997e-06	0.0000e+00
1590	0.0000e+00	0.0000e+00	5.8877e-04	3.5718e-07	-7.5067e-06	0.0000e+00
1591	0.0000e+00	0.0000e+00	5.9713e-04	3.7913e-08	-7.7815e-06	0.0000e+00
1592	0.0000e+00	0.0000e+00	5.9102e-04	-4.0682e-07	-8.1016e-06	0.0000e+00
1593	0.0000e+00	0.0000e+00	5.6625e-04	-9.0401e-07	-8.2416e-06	0.0000e+00
1594	0.0000e+00	0.0000e+00	9.2382e-04	5.4681e-07	-1.0405e-05	0.0000e+00
1595	0.0000e+00	0.0000e+00	9.4525e-04	5.5451e-07	-9.8891e-06	0.0000e+00
1596	0.0000e+00	0.0000e+00	9.6799e-04	5.6035e-07	-9.8512e-06	0.0000e+00
1597	0.0000e+00	0.0000e+00	9.9100e-04	5.0171e-07	-1.0241e-05	0.0000e+00
1598	0.0000e+00	0.0000e+00	1.0104e-03	3.0828e-07	-1.1078e-05	0.0000e+00
1599	0.0000e+00	0.0000e+00	1.0194e-03	-9.8629e-08	-1.2453e-05	0.0000e+00
1600	0.0000e+00	0.0000e+00	1.5168e-05	2.7601e-07	5.5405e-07	0.0000e+00
1601	0.0000e+00	0.0000e+00	2.2843e-05	1.1699e-07	4.6454e-07	0.0000e+00
1602	0.0000e+00	0.0000e+00	2.5252e-05	1.8740e-08	3.0336e-07	0.0000e+00
1603	0.0000e+00	0.0000e+00	2.4662e-05	-3.5264e-08	1.8662e-07	0.0000e+00
1604	0.0000e+00	0.0000e+00	2.2221e-05	-7.3817e-08	1.1365e-07	0.0000e+00
1605	0.0000e+00	0.0000e+00	1.8031e-05	-1.2003e-07	7.8099e-08	0.0000e+00
1606	0.0000e+00	0.0000e+00	1.1212e-05	-1.9991e-07	7.1952e-08	0.0000e+00
1607	0.0000e+00	0.0000e+00	-7.4158e-10	-2.9011e-07	-2.9978e-11	0.0000e+00
1608	0.0000e+00	0.0000e+00	1.4816e-06	1.1236e-07	1.5430e-07	0.0000e+00
1609	0.0000e+00	0.0000e+00	7.9249e-06	1.5546e-07	2.5524e-07	0.0000e+00
1610	0.0000e+00	0.0000e+00	1.3364e-05	9.8703e-08	2.5018e-07	0.0000e+00
1611	0.0000e+00	0.0000e+00	1.6199e-05	3.5978e-08	2.0353e-07	0.0000e+00
1612	0.0000e+00	0.0000e+00	1.6441e-05	-2.4624e-08	1.5026e-07	0.0000e+00
1613	0.0000e+00	0.0000e+00	1.3946e-05	-9.2573e-08	1.0595e-07	0.0000e+00
1614	0.0000e+00	0.0000e+00	8.3433e-06	-1.6579e-07	6.3968e-08	0.0000e+00
1615	0.0000e+00	0.0000e+00	8.5388e-10	-2.0767e-07	-4.4191e-11	0.0000e+00
1616	0.0000e+00	0.0000e+00	-5.7199e-06	1.8581e-08	2.1667e-07	0.0000e+00
1617	0.0000e+00	0.0000e+00	-2.9297e-06	9.4889e-08	2.8907e-07	0.0000e+00
1618	0.0000e+00	0.0000e+00	1.6982e-06	1.0815e-07	3.1398e-07	0.0000e+00
1619	0.0000e+00	0.0000e+00	6.0340e-06	8.3670e-08	2.7872e-07	0.0000e+00

1620	0.0000e+00	0.0000e+00	8.7256e-06	3.2497e-08	2.1107e-07	0.0000e+00
1621	0.0000e+00	0.0000e+00	8.7265e-06	-3.8255e-08	1.3697e-07	0.0000e+00
1622	0.0000e+00	0.0000e+00	5.5483e-06	-1.0788e-07	6.7486e-08	0.0000e+00
1623	0.0000e+00	0.0000e+00	3.1784e-09	-1.3952e-07	-6.3370e-11	0.0000e+00
1624	0.0000e+00	0.0000e+00	-2.2688e-05	-1.7284e-08	5.9771e-07	0.0000e+00
1625	0.0000e+00	0.0000e+00	-2.1558e-05	6.5155e-08	6.0849e-07	0.0000e+00
1626	0.0000e+00	0.0000e+00	-1.6775e-05	1.3941e-07	5.6839e-07	0.0000e+00
1627	0.0000e+00	0.0000e+00	-9.7494e-06	1.6490e-07	4.6767e-07	0.0000e+00
1628	0.0000e+00	0.0000e+00	-2.8862e-06	1.3324e-07	3.3344e-07	0.0000e+00
1629	0.0000e+00	0.0000e+00	1.5324e-06	5.7289e-08	1.9762e-07	0.0000e+00
1630	0.0000e+00	0.0000e+00	2.2429e-06	-2.7832e-08	8.5003e-08	0.0000e+00
1631	0.0000e+00	0.0000e+00	6.4066e-09	-6.7593e-08	-8.5651e-11	0.0000e+00
1632	0.0000e+00	0.0000e+00	-6.2588e-05	-3.8778e-09	1.2797e-06	0.0000e+00
1633	0.0000e+00	0.0000e+00	-5.9834e-05	1.2887e-07	1.1937e-06	0.0000e+00
1634	0.0000e+00	0.0000e+00	-5.0472e-05	2.7356e-07	1.0102e-06	0.0000e+00
1635	0.0000e+00	0.0000e+00	-3.6416e-05	3.4169e-07	7.7664e-07	0.0000e+00
1636	0.0000e+00	0.0000e+00	-2.1417e-05	3.2009e-07	5.2827e-07	0.0000e+00
1637	0.0000e+00	0.0000e+00	-9.1330e-06	2.2220e-07	2.9469e-07	0.0000e+00
1638	0.0000e+00	0.0000e+00	-2.1108e-06	9.0078e-08	1.1163e-07	0.0000e+00
1639	0.0000e+00	0.0000e+00	1.0618e-08	1.7793e-08	-1.0829e-10	0.0000e+00
1640	0.0000e+00	0.0000e+00	-1.3931e-04	9.1133e-08	2.3161e-06	0.0000e+00
1641	0.0000e+00	0.0000e+00	-1.2816e-04	3.8655e-07	1.9782e-06	0.0000e+00
1642	0.0000e+00	0.0000e+00	-1.0619e-04	5.8631e-07	1.5637e-06	0.0000e+00
1643	0.0000e+00	0.0000e+00	-7.8369e-05	6.6264e-07	1.1592e-06	0.0000e+00
1644	0.0000e+00	0.0000e+00	-4.9768e-05	6.2776e-07	7.8067e-07	0.0000e+00
1645	0.0000e+00	0.0000e+00	-2.4935e-05	4.9432e-07	4.3508e-07	0.0000e+00
1646	0.0000e+00	0.0000e+00	-7.8257e-06	2.7984e-07	1.4364e-07	0.0000e+00
1647	0.0000e+00	0.0000e+00	1.5720e-08	1.1827e-07	-1.2601e-10	0.0000e+00
1648	0.0000e+00	0.0000e+00	-2.6689e-04	6.1314e-07	3.4989e-06	0.0000e+00
1649	0.0000e+00	0.0000e+00	-2.3058e-04	9.0657e-07	2.6979e-06	0.0000e+00
1650	0.0000e+00	0.0000e+00	-1.8532e-04	1.0519e-06	2.0531e-06	0.0000e+00
1651	0.0000e+00	0.0000e+00	-1.3675e-04	1.0758e-06	1.5129e-06	0.0000e+00
1652	0.0000e+00	0.0000e+00	-8.9661e-05	9.9394e-07	1.0495e-06	0.0000e+00
1653	0.0000e+00	0.0000e+00	-4.8375e-05	8.1257e-07	6.4778e-07	0.0000e+00
1654	0.0000e+00	0.0000e+00	-1.7079e-05	5.2692e-07	3.0074e-07	0.0000e+00
1655	0.0000e+00	0.0000e+00	-1.1213e-05	-1.9992e-07	-7.2013e-08	0.0000e+00
1656	0.0000e+00	0.0000e+00	-1.8033e-05	-1.2003e-07	-7.8159e-08	0.0000e+00
1657	0.0000e+00	0.0000e+00	-2.2223e-05	-7.3820e-08	-1.1371e-07	0.0000e+00
1658	0.0000e+00	0.0000e+00	-2.4664e-05	-3.5264e-08	-1.8668e-07	0.0000e+00
1659	0.0000e+00	0.0000e+00	-2.5254e-05	1.8744e-08	-3.0342e-07	0.0000e+00
1660	0.0000e+00	0.0000e+00	-2.2845e-05	1.1700e-07	-4.6459e-07	0.0000e+00
1661	0.0000e+00	0.0000e+00	-1.5170e-05	2.7602e-07	-5.5410e-07	0.0000e+00
1662	0.0000e+00	0.0000e+00	-8.3417e-06	-1.6580e-07	-6.4057e-08	0.0000e+00
1663	0.0000e+00	0.0000e+00	-1.3945e-05	-9.2580e-08	-1.0604e-07	0.0000e+00
1664	0.0000e+00	0.0000e+00	-1.6440e-05	-2.4629e-08	-1.5035e-07	0.0000e+00
1665	0.0000e+00	0.0000e+00	-1.6198e-05	3.5977e-08	-2.0362e-07	0.0000e+00
1666	0.0000e+00	0.0000e+00	-1.3363e-05	9.8706e-08	-2.5026e-07	0.0000e+00
1667	0.0000e+00	0.0000e+00	-7.9237e-06	1.5547e-07	-2.5533e-07	0.0000e+00
1668	0.0000e+00	0.0000e+00	-1.4801e-06	1.1237e-07	-1.5438e-07	0.0000e+00
1669	0.0000e+00	0.0000e+00	-5.5421e-06	-1.0789e-07	-6.7612e-08	0.0000e+00
1670	0.0000e+00	0.0000e+00	-8.7206e-06	-3.8263e-08	-1.3710e-07	0.0000e+00
1671	0.0000e+00	0.0000e+00	-8.7200e-06	3.2491e-08	-2.1119e-07	0.0000e+00
1672	0.0000e+00	0.0000e+00	-6.0285e-06	8.3668e-08	-2.7885e-07	0.0000e+00
1673	0.0000e+00	0.0000e+00	-1.6927e-06	1.0815e-07	-3.1411e-07	0.0000e+00
1674	0.0000e+00	0.0000e+00	2.9354e-06	9.4896e-08	-2.8920e-07	0.0000e+00
1675	0.0000e+00	0.0000e+00	5.7260e-06	1.8588e-08	-2.1679e-07	0.0000e+00
1676	0.0000e+00	0.0000e+00	-2.2303e-06	-2.7839e-08	-8.5173e-08	0.0000e+00
1677	0.0000e+00	0.0000e+00	-1.5202e-06	5.7279e-08	-1.9779e-07	0.0000e+00
1678	0.0000e+00	0.0000e+00	2.8980e-06	1.3323e-07	-3.3361e-07	0.0000e+00
1679	0.0000e+00	0.0000e+00	9.7610e-06	1.6490e-07	-4.6783e-07	0.0000e+00
1680	0.0000e+00	0.0000e+00	1.6787e-05	1.3941e-07	-5.6856e-07	0.0000e+00
1681	0.0000e+00	0.0000e+00	2.1570e-05	6.5163e-08	-6.0866e-07	0.0000e+00
1682	0.0000e+00	0.0000e+00	2.2700e-05	-1.7274e-08	-5.9788e-07	0.0000e+00
1683	0.0000e+00	0.0000e+00	2.1317e-06	9.0068e-08	-1.1185e-07	0.0000e+00
1684	0.0000e+00	0.0000e+00	9.1534e-06	2.2219e-07	-2.9490e-07	0.0000e+00
1685	0.0000e+00	0.0000e+00	2.1437e-05	3.2008e-07	-5.2847e-07	0.0000e+00
1686	0.0000e+00	0.0000e+00	3.6436e-05	3.4168e-07	-7.7684e-07	0.0000e+00
1687	0.0000e+00	0.0000e+00	5.0492e-05	2.7357e-07	-1.0104e-06	0.0000e+00
1688	0.0000e+00	0.0000e+00	5.9854e-05	1.2889e-07	-1.1940e-06	0.0000e+00
1689	0.0000e+00	0.0000e+00	6.2609e-05	-3.8643e-09	-1.2799e-06	0.0000e+00
1690	0.0000e+00	0.0000e+00	7.8567e-06	2.7982e-07	-1.4389e-07	0.0000e+00
1691	0.0000e+00	0.0000e+00	2.4965e-05	4.9430e-07	-4.3532e-07	0.0000e+00



1692	0.0000e+00	0.0000e+00	4.9798e-05	6.2775e-07	-7.8090e-07	0.0000e+00
1693	0.0000e+00	0.0000e+00	7.8398e-05	6.6264e-07	-1.1594e-06	0.0000e+00
1694	0.0000e+00	0.0000e+00	1.0622e-04	5.8632e-07	-1.5639e-06	0.0000e+00
1695	0.0000e+00	0.0000e+00	1.2819e-04	3.8657e-07	-1.9785e-06	0.0000e+00
1696	0.0000e+00	0.0000e+00	1.3934e-04	9.1154e-08	-2.3163e-06	0.0000e+00
1697	0.0000e+00	0.0000e+00	1.7121e-05	5.2690e-07	-3.0099e-07	0.0000e+00
1698	0.0000e+00	0.0000e+00	4.8416e-05	8.1254e-07	-6.4803e-07	0.0000e+00
1699	0.0000e+00	0.0000e+00	8.9701e-05	9.9392e-07	-1.0497e-06	0.0000e+00
1700	0.0000e+00	0.0000e+00	1.3679e-04	1.0758e-06	-1.5132e-06	0.0000e+00
1701	0.0000e+00	0.0000e+00	1.8536e-04	1.0519e-06	-2.0533e-06	0.0000e+00
1702	0.0000e+00	0.0000e+00	2.3062e-04	9.0659e-07	-2.6982e-06	0.0000e+00
1703	0.0000e+00	0.0000e+00	2.6694e-04	6.1317e-07	-3.4991e-06	0.0000e+00
1704	0.0000e+00	0.0000e+00	4.0828e-05	-1.8148e-07	5.8965e-06	0.0000e+00
1705	0.0000e+00	0.0000e+00	-2.1256e-04	6.1378e-07	5.7238e-06	0.0000e+00
1706	0.0000e+00	0.0000e+00	-4.7523e-04	1.2378e-06	6.3706e-06	0.0000e+00
1707	0.0000e+00	0.0000e+00	-7.8405e-04	1.7379e-06	7.8555e-06	0.0000e+00
1708	0.0000e+00	0.0000e+00	-1.1738e-03	2.1878e-06	1.0094e-05	0.0000e+00
1709	0.0000e+00	0.0000e+00	-1.6739e-03	2.6423e-06	1.2906e-05	0.0000e+00
1710	0.0000e+00	0.0000e+00	-3.9909e-05	-1.7685e-07	-5.9009e-06	0.0000e+00
1711	0.0000e+00	0.0000e+00	2.1369e-04	6.1906e-07	-5.7293e-06	0.0000e+00
1712	0.0000e+00	0.0000e+00	4.7662e-04	1.2438e-06	-6.3768e-06	0.0000e+00
1713	0.0000e+00	0.0000e+00	7.8572e-04	1.7446e-06	-7.8624e-06	0.0000e+00
1714	0.0000e+00	0.0000e+00	1.1757e-03	2.1952e-06	-1.0101e-05	0.0000e+00
1715	0.0000e+00	0.0000e+00	1.6762e-03	2.6503e-06	-1.2912e-05	0.0000e+00
1716	0.0000e+00	0.0000e+00	-1.1704e-03	-2.1097e-06	-8.7123e-06	0.0000e+00
1717	0.0000e+00	0.0000e+00	-8.5742e-04	-1.9725e-06	-5.5979e-06	0.0000e+00
1718	0.0000e+00	0.0000e+00	-6.7006e-04	-1.9298e-06	-2.9921e-06	0.0000e+00
1719	0.0000e+00	0.0000e+00	-5.8233e-04	-1.9265e-06	-1.0306e-06	0.0000e+00
1720	0.0000e+00	0.0000e+00	-5.6494e-04	-1.9126e-06	2.3619e-07	0.0000e+00
1721	0.0000e+00	0.0000e+00	-5.8621e-04	-1.8482e-06	7.4425e-07	0.0000e+00
1722	0.0000e+00	0.0000e+00	-6.1114e-04	-1.6870e-06	4.0537e-07	0.0000e+00
1723	0.0000e+00	0.0000e+00	-6.0020e-04	-1.3587e-06	-8.9552e-07	0.0000e+00
1724	0.0000e+00	0.0000e+00	-5.0923e-04	-7.7491e-07	-3.2246e-06	0.0000e+00
1725	0.0000e+00	0.0000e+00	1.1715e-03	-2.1139e-06	8.7160e-06	0.0000e+00
1726	0.0000e+00	0.0000e+00	8.5837e-04	-1.9765e-06	5.6014e-06	0.0000e+00
1727	0.0000e+00	0.0000e+00	6.7086e-04	-1.9335e-06	2.9952e-06	0.0000e+00
1728	0.0000e+00	0.0000e+00	5.8301e-04	-1.9300e-06	1.0330e-06	0.0000e+00
1729	0.0000e+00	0.0000e+00	5.6554e-04	-1.9159e-06	-2.3452e-07	0.0000e+00
1730	0.0000e+00	0.0000e+00	5.8676e-04	-1.8515e-06	-7.4347e-07	0.0000e+00
1731	0.0000e+00	0.0000e+00	6.1167e-04	-1.6903e-06	-4.0555e-07	0.0000e+00
1732	0.0000e+00	0.0000e+00	6.0076e-04	-1.3622e-06	8.9433e-07	0.0000e+00
1733	0.0000e+00	0.0000e+00	5.0986e-04	-7.7861e-07	3.2224e-06	0.0000e+00
1734	0.0000e+00	0.0000e+00	-2.6617e-03	5.1559e-06	1.3974e-05	0.0000e+00
1735	0.0000e+00	0.0000e+00	-2.4583e-03	5.0248e-06	1.3243e-05	0.0000e+00
1736	0.0000e+00	0.0000e+00	-2.2710e-03	4.3489e-06	1.2589e-05	0.0000e+00
1737	0.0000e+00	0.0000e+00	-2.1166e-03	3.3775e-06	1.2207e-05	0.0000e+00
1738	0.0000e+00	0.0000e+00	-2.0043e-03	2.2395e-06	1.2149e-05	0.0000e+00
1739	0.0000e+00	0.0000e+00	-1.9389e-03	1.0291e-06	1.2457e-05	0.0000e+00
1740	0.0000e+00	0.0000e+00	-1.9217e-03	-1.7117e-07	1.3171e-05	0.0000e+00
1741	0.0000e+00	0.0000e+00	-1.9498e-03	-1.2486e-06	1.4286e-05	0.0000e+00
1742	0.0000e+00	0.0000e+00	-2.0109e-03	-1.8204e-06	1.5398e-05	0.0000e+00
1743	0.0000e+00	0.0000e+00	-1.9391e-03	3.6714e-06	1.4916e-05	0.0000e+00
1744	0.0000e+00	0.0000e+00	-1.7783e-03	3.6611e-06	1.3239e-05	0.0000e+00
1745	0.0000e+00	0.0000e+00	-1.6300e-03	3.1027e-06	1.1694e-05	0.0000e+00
1746	0.0000e+00	0.0000e+00	-1.5109e-03	2.3208e-06	1.0618e-05	0.0000e+00
1747	0.0000e+00	0.0000e+00	-1.4288e-03	1.4152e-06	1.0017e-05	0.0000e+00
1748	0.0000e+00	0.0000e+00	-1.3880e-03	4.3904e-07	9.8725e-06	0.0000e+00
1749	0.0000e+00	0.0000e+00	-1.3907e-03	-5.6341e-07	1.0187e-05	0.0000e+00
1750	0.0000e+00	0.0000e+00	-1.4365e-03	-1.5269e-06	1.0958e-05	0.0000e+00
1751	0.0000e+00	0.0000e+00	-1.5188e-03	-2.2171e-06	1.1960e-05	0.0000e+00
1752	0.0000e+00	0.0000e+00	1.9058e-03	-3.6776e-06	1.0207e-05	0.0000e+00
1753	0.0000e+00	0.0000e+00	1.7580e-03	-3.7594e-06	9.8697e-06	0.0000e+00
1754	0.0000e+00	0.0000e+00	1.6166e-03	-3.3289e-06	9.4581e-06	0.0000e+00
1755	0.0000e+00	0.0000e+00	1.4977e-03	-2.6179e-06	9.2341e-06	0.0000e+00
1756	0.0000e+00	0.0000e+00	1.4106e-03	-1.7427e-06	9.2813e-06	0.0000e+00
1757	0.0000e+00	0.0000e+00	1.3602e-03	-7.7816e-07	9.6439e-06	0.0000e+00
1758	0.0000e+00	0.0000e+00	1.3488e-03	2.1251e-07	1.0349e-05	0.0000e+00
1759	0.0000e+00	0.0000e+00	1.3753e-03	1.1336e-06	1.1361e-05	0.0000e+00
1760	0.0000e+00	0.0000e+00	1.4302e-03	1.6544e-06	1.2275e-05	0.0000e+00
1761	0.0000e+00	0.0000e+00	1.3924e-03	-2.7774e-06	1.1989e-05	0.0000e+00
1762	0.0000e+00	0.0000e+00	1.2684e-03	-2.8984e-06	1.0668e-05	0.0000e+00
1763	0.0000e+00	0.0000e+00	1.1496e-03	-2.5207e-06	9.3527e-06	0.0000e+00

1764	0.0000e+00	0.0000e+00	1.0515e-03	-1.9462e-06	8.4085e-06	0.0000e+00
1765	0.0000e+00	0.0000e+00	9.8109e-04	-1.2583e-06	7.8737e-06	0.0000e+00
1766	0.0000e+00	0.0000e+00	9.4264e-04	-4.9028e-07	7.7448e-06	0.0000e+00
1767	0.0000e+00	0.0000e+00	9.3916e-04	3.3511e-07	8.0220e-06	0.0000e+00
1768	0.0000e+00	0.0000e+00	9.7212e-04	1.1728e-06	8.6849e-06	0.0000e+00
1769	0.0000e+00	0.0000e+00	1.0376e-03	1.8150e-06	9.4862e-06	0.0000e+00
1770	0.0000e+00	0.0000e+00	9.1599e-04	-2.1827e-06	7.1736e-06	0.0000e+00
1771	0.0000e+00	0.0000e+00	8.1394e-04	-2.4823e-06	6.2190e-06	0.0000e+00
1772	0.0000e+00	0.0000e+00	7.0586e-04	-2.4433e-06	5.2506e-06	0.0000e+00
1773	0.0000e+00	0.0000e+00	6.0296e-04	-2.2407e-06	4.4597e-06	0.0000e+00
1774	0.0000e+00	0.0000e+00	5.1124e-04	-1.9331e-06	3.8632e-06	0.0000e+00
1775	0.0000e+00	0.0000e+00	4.3476e-04	-1.5464e-06	3.4533e-06	0.0000e+00
1776	0.0000e+00	0.0000e+00	3.7671e-04	-1.0937e-06	3.2235e-06	0.0000e+00
1777	0.0000e+00	0.0000e+00	3.3970e-04	-5.8817e-07	3.1638e-06	0.0000e+00
1778	0.0000e+00	0.0000e+00	3.2468e-04	-9.6048e-08	3.1919e-06	0.0000e+00
1779	0.0000e+00	0.0000e+00	-1.2633e-03	3.1333e-06	8.9830e-06	0.0000e+00
1780	0.0000e+00	0.0000e+00	-1.1214e-03	3.3356e-06	7.7400e-06	0.0000e+00
1781	0.0000e+00	0.0000e+00	-9.7826e-04	3.1839e-06	6.5646e-06	0.0000e+00
1782	0.0000e+00	0.0000e+00	-8.4546e-04	2.8609e-06	5.6233e-06	0.0000e+00
1783	0.0000e+00	0.0000e+00	-7.2910e-04	2.4334e-06	4.9118e-06	0.0000e+00
1784	0.0000e+00	0.0000e+00	-6.3302e-04	1.9375e-06	4.4127e-06	0.0000e+00
1785	0.0000e+00	0.0000e+00	-5.5972e-04	1.3966e-06	4.1163e-06	0.0000e+00
1786	0.0000e+00	0.0000e+00	-5.1066e-04	8.3332e-07	4.0164e-06	0.0000e+00
1787	0.0000e+00	0.0000e+00	-4.8526e-04	3.2868e-07	4.0351e-06	0.0000e+00
1788	0.0000e+00	0.0000e+00	4.8531e-04	3.2868e-07	-4.0353e-06	0.0000e+00
1789	0.0000e+00	0.0000e+00	5.1072e-04	8.3333e-07	-4.0166e-06	0.0000e+00
1790	0.0000e+00	0.0000e+00	5.5977e-04	1.3966e-06	-4.1165e-06	0.0000e+00
1791	0.0000e+00	0.0000e+00	6.3308e-04	1.9376e-06	-4.4129e-06	0.0000e+00
1792	0.0000e+00	0.0000e+00	7.2917e-04	2.4335e-06	-4.9121e-06	0.0000e+00
1793	0.0000e+00	0.0000e+00	8.4552e-04	2.8610e-06	-5.6235e-06	0.0000e+00
1794	0.0000e+00	0.0000e+00	9.7833e-04	3.1840e-06	-6.5649e-06	0.0000e+00
1795	0.0000e+00	0.0000e+00	1.1215e-03	3.3357e-06	-7.7403e-06	0.0000e+00
1796	0.0000e+00	0.0000e+00	1.2634e-03	3.1334e-06	-8.9832e-06	0.0000e+00
1797	0.0000e+00	0.0000e+00	-3.2463e-04	-9.6221e-08	-3.1917e-06	0.0000e+00
1798	0.0000e+00	0.0000e+00	-3.3966e-04	-5.8839e-07	-3.1637e-06	0.0000e+00
1799	0.0000e+00	0.0000e+00	-3.7668e-04	-1.0940e-06	-3.2234e-06	0.0000e+00
1800	0.0000e+00	0.0000e+00	-4.3474e-04	-1.5467e-06	-3.4533e-06	0.0000e+00
1801	0.0000e+00	0.0000e+00	-5.1123e-04	-1.9334e-06	-3.8633e-06	0.0000e+00
1802	0.0000e+00	0.0000e+00	-6.0297e-04	-2.2410e-06	-4.4597e-06	0.0000e+00
1803	0.0000e+00	0.0000e+00	-7.0588e-04	-2.4437e-06	-5.2507e-06	0.0000e+00
1804	0.0000e+00	0.0000e+00	-8.1398e-04	-2.4827e-06	-6.2192e-06	0.0000e+00
1805	0.0000e+00	0.0000e+00	-9.1605e-04	-2.1832e-06	-7.1739e-06	0.0000e+00
1806	0.0000e+00	0.0000e+00	-1.0378e-03	1.8147e-06	-9.4871e-06	0.0000e+00
1807	0.0000e+00	0.0000e+00	-9.7241e-04	1.1725e-06	-8.6860e-06	0.0000e+00
1808	0.0000e+00	0.0000e+00	-9.3946e-04	3.3480e-07	-8.0231e-06	0.0000e+00
1809	0.0000e+00	0.0000e+00	-9.4296e-04	-4.9065e-07	-7.7460e-06	0.0000e+00
1810	0.0000e+00	0.0000e+00	-9.8142e-04	-1.2588e-06	-7.8748e-06	0.0000e+00
1811	0.0000e+00	0.0000e+00	-1.0518e-03	-1.9467e-06	-8.4096e-06	0.0000e+00
1812	0.0000e+00	0.0000e+00	-1.1499e-03	-2.5211e-06	-9.3537e-06	0.0000e+00
1813	0.0000e+00	0.0000e+00	-1.2687e-03	-2.8985e-06	-1.0669e-05	0.0000e+00
1814	0.0000e+00	0.0000e+00	-1.3928e-03	-2.7770e-06	-1.1990e-05	0.0000e+00
1815	0.0000e+00	0.0000e+00	-1.4305e-03	1.6562e-06	-1.2275e-05	0.0000e+00
1816	0.0000e+00	0.0000e+00	-1.3755e-03	1.1361e-06	-1.1361e-05	0.0000e+00
1817	0.0000e+00	0.0000e+00	-1.3488e-03	2.1557e-07	-1.0348e-05	0.0000e+00
1818	0.0000e+00	0.0000e+00	-1.3601e-03	-7.7457e-07	-9.6433e-06	0.0000e+00
1819	0.0000e+00	0.0000e+00	-1.4104e-03	-1.7386e-06	-9.2803e-06	0.0000e+00
1820	0.0000e+00	0.0000e+00	-1.4974e-03	-2.6134e-06	-9.2327e-06	0.0000e+00
1821	0.0000e+00	0.0000e+00	-1.6160e-03	-3.3240e-06	-9.4563e-06	0.0000e+00
1822	0.0000e+00	0.0000e+00	-1.7572e-03	-3.7542e-06	-9.8677e-06	0.0000e+00
1823	0.0000e+00	0.0000e+00	-1.9048e-03	-3.6725e-06	-1.0205e-05	0.0000e+00
1824	0.0000e+00	0.0000e+00	1.5187e-03	-2.2187e-06	-1.1960e-05	0.0000e+00
1825	0.0000e+00	0.0000e+00	1.4363e-03	-1.5288e-06	-1.0957e-05	0.0000e+00
1826	0.0000e+00	0.0000e+00	1.3904e-03	-5.6556e-07	-1.0186e-05	0.0000e+00
1827	0.0000e+00	0.0000e+00	1.3876e-03	4.3671e-07	-9.8711e-06	0.0000e+00
1828	0.0000e+00	0.0000e+00	1.4283e-03	1.4128e-06	-1.0015e-05	0.0000e+00
1829	0.0000e+00	0.0000e+00	1.5103e-03	2.3185e-06	-1.0616e-05	0.0000e+00
1830	0.0000e+00	0.0000e+00	1.6293e-03	3.1008e-06	-1.1692e-05	0.0000e+00
1831	0.0000e+00	0.0000e+00	1.7776e-03	3.6599e-06	-1.3237e-05	0.0000e+00
1832	0.0000e+00	0.0000e+00	1.9383e-03	3.6713e-06	-1.4915e-05	0.0000e+00
1833	0.0000e+00	0.0000e+00	2.0102e-03	-1.8167e-06	-1.5397e-05	0.0000e+00
1834	0.0000e+00	0.0000e+00	1.9493e-03	-1.2434e-06	-1.4286e-05	0.0000e+00
1835	0.0000e+00	0.0000e+00	1.9215e-03	-1.6471e-07	-1.3171e-05	0.0000e+00

1836	0.0000e+00	0.0000e+00	1.9390e-03	1.0367e-06	-1.2458e-05	0.0000e+00
1837	0.0000e+00	0.0000e+00	2.0047e-03	2.2480e-06	-1.2151e-05	0.0000e+00
1838	0.0000e+00	0.0000e+00	2.1173e-03	3.3868e-06	-1.2209e-05	0.0000e+00
1839	0.0000e+00	0.0000e+00	2.2721e-03	4.3589e-06	-1.2592e-05	0.0000e+00
1840	0.0000e+00	0.0000e+00	2.4598e-03	5.0351e-06	-1.3246e-05	0.0000e+00
1841	0.0000e+00	0.0000e+00	2.6636e-03	5.1662e-06	-1.3978e-05	0.0000e+00
1842	0.0000e+00	0.0000e+00	-1.5712e-03	1.3816e-06	1.1948e-05	0.0000e+00
1843	0.0000e+00	0.0000e+00	-1.5140e-03	1.5014e-06	1.1201e-05	0.0000e+00
1844	0.0000e+00	0.0000e+00	-1.4598e-03	1.2229e-06	1.0485e-05	0.0000e+00
1845	0.0000e+00	0.0000e+00	-1.4194e-03	8.0091e-07	1.0103e-05	0.0000e+00
1846	0.0000e+00	0.0000e+00	-1.3965e-03	3.3750e-07	1.0066e-05	0.0000e+00
1847	0.0000e+00	0.0000e+00	-1.3887e-03	5.2287e-08	1.0138e-05	0.0000e+00
1848	0.0000e+00	0.0000e+00	1.0930e-03	-9.1777e-07	9.4924e-06	0.0000e+00
1849	0.0000e+00	0.0000e+00	1.0543e-03	-1.0610e-06	8.9754e-06	0.0000e+00
1850	0.0000e+00	0.0000e+00	1.0167e-03	-8.3720e-07	8.4107e-06	0.0000e+00
1851	0.0000e+00	0.0000e+00	9.9065e-04	-4.6615e-07	8.0990e-06	0.0000e+00
1852	0.0000e+00	0.0000e+00	9.8029e-04	-4.2052e-08	8.0531e-06	0.0000e+00
1853	0.0000e+00	0.0000e+00	9.8394e-04	2.4992e-07	8.0417e-06	0.0000e+00
1854	0.0000e+00	0.0000e+00	1.3887e-03	5.2145e-08	-1.0138e-05	0.0000e+00
1855	0.0000e+00	0.0000e+00	1.3966e-03	3.3725e-07	-1.0066e-05	0.0000e+00
1856	0.0000e+00	0.0000e+00	1.4195e-03	8.0053e-07	-1.0103e-05	0.0000e+00
1857	0.0000e+00	0.0000e+00	1.4599e-03	1.2224e-06	-1.0485e-05	0.0000e+00
1858	0.0000e+00	0.0000e+00	1.5141e-03	1.5007e-06	-1.1201e-05	0.0000e+00
1859	0.0000e+00	0.0000e+00	1.5712e-03	1.3807e-06	-1.1947e-05	0.0000e+00
1860	0.0000e+00	0.0000e+00	-9.8404e-04	2.4932e-07	-8.0421e-06	0.0000e+00
1861	0.0000e+00	0.0000e+00	-9.8042e-04	-4.2714e-08	-8.0537e-06	0.0000e+00
1862	0.0000e+00	0.0000e+00	-9.9080e-04	-4.6686e-07	-8.0996e-06	0.0000e+00
1863	0.0000e+00	0.0000e+00	-1.0169e-03	-8.3793e-07	-8.4114e-06	0.0000e+00
1864	0.0000e+00	0.0000e+00	-1.0545e-03	-1.0617e-06	-8.9762e-06	0.0000e+00
1865	0.0000e+00	0.0000e+00	-1.0932e-03	-9.1839e-07	-9.4932e-06	0.0000e+00
1866	0.0000e+00	0.0000e+00	2.9484e-04	-9.7710e-07	2.6751e-06	0.0000e+00
1867	0.0000e+00	0.0000e+00	2.4704e-04	-1.2230e-06	2.1927e-06	0.0000e+00
1868	0.0000e+00	0.0000e+00	1.9219e-04	-1.2909e-06	1.6850e-06	0.0000e+00
1869	0.0000e+00	0.0000e+00	1.3682e-04	-1.2439e-06	1.2356e-06	0.0000e+00
1870	0.0000e+00	0.0000e+00	8.5658e-05	-1.0979e-06	8.5327e-07	0.0000e+00
1871	0.0000e+00	0.0000e+00	4.3088e-05	-8.5129e-07	5.3631e-07	0.0000e+00
1872	0.0000e+00	0.0000e+00	1.3609e-05	-5.0448e-07	2.8135e-07	0.0000e+00
1873	0.0000e+00	0.0000e+00	-1.3532e-05	-5.0452e-07	-2.8108e-07	0.0000e+00
1874	0.0000e+00	0.0000e+00	-4.3013e-05	-8.5135e-07	-5.3604e-07	0.0000e+00
1875	0.0000e+00	0.0000e+00	-8.5586e-05	-1.0979e-06	-8.5301e-07	0.0000e+00
1876	0.0000e+00	0.0000e+00	-1.3675e-04	-1.2440e-06	-1.2353e-06	0.0000e+00
1877	0.0000e+00	0.0000e+00	-1.9212e-04	-1.2909e-06	-1.6848e-06	0.0000e+00
1878	0.0000e+00	0.0000e+00	-2.4697e-04	-1.2231e-06	-2.1925e-06	0.0000e+00
1879	0.0000e+00	0.0000e+00	-2.9478e-04	-9.7718e-07	-2.6749e-06	0.0000e+00
1880	0.0000e+00	0.0000e+00	-4.2115e-04	1.4604e-06	3.3328e-06	0.0000e+00
1881	0.0000e+00	0.0000e+00	-3.5300e-04	1.6685e-06	2.7174e-06	0.0000e+00
1882	0.0000e+00	0.0000e+00	-2.7937e-04	1.7047e-06	2.1015e-06	0.0000e+00
1883	0.0000e+00	0.0000e+00	-2.0641e-04	1.6348e-06	1.5620e-06	0.0000e+00
1884	0.0000e+00	0.0000e+00	-1.3842e-04	1.4767e-06	1.0991e-06	0.0000e+00
1885	0.0000e+00	0.0000e+00	-7.9258e-05	1.2318e-06	7.0636e-07	0.0000e+00
1886	0.0000e+00	0.0000e+00	-3.2704e-05	9.0692e-07	3.7810e-07	0.0000e+00
1887	0.0000e+00	0.0000e+00	3.2757e-05	9.0689e-07	-3.7835e-07	0.0000e+00
1888	0.0000e+00	0.0000e+00	7.9310e-05	1.2318e-06	-7.0660e-07	0.0000e+00
1889	0.0000e+00	0.0000e+00	1.3847e-04	1.4766e-06	-1.0994e-06	0.0000e+00
1890	0.0000e+00	0.0000e+00	2.0646e-04	1.6348e-06	-1.5622e-06	0.0000e+00
1891	0.0000e+00	0.0000e+00	2.7942e-04	1.7048e-06	-2.1017e-06	0.0000e+00
1892	0.0000e+00	0.0000e+00	3.5305e-04	1.6685e-06	-2.7176e-06	0.0000e+00
1893	0.0000e+00	0.0000e+00	4.2120e-04	1.4604e-06	-3.3331e-06	0.0000e+00
2124	-7.5805e-08	-7.9187e-04	0.0000e+00	0.0000e+00	0.0000e+00	4.3592e-05

SPOSTAMENTI NODALI "V-y" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	1.4324e-02	-4.0770e-05	5.2158e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	8.4872e-03	-3.9835e-06	4.3603e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	1.1098e-02	5.9105e-06	5.0010e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	1.0771e-02	-1.1458e-05	4.9920e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	1.0753e-02	2.0242e-06	5.0116e-05	0.0000e+00
6	0.0000e+00	0.0000e+00	1.1141e-02	-3.4324e-06	5.1486e-05	0.0000e+00
7	0.0000e+00	0.0000e+00	1.0478e-02	-7.4930e-06	4.9218e-05	0.0000e+00
8	0.0000e+00	0.0000e+00	1.1369e-02	4.4355e-06	5.0755e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	1.0756e-02	-1.2359e-05	4.8510e-05	0.0000e+00

10	0.0000e+00	0.0000e+00	9.3258e-03	-4.1665e-06	4.2410e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	9.2338e-03	7.6445e-06	3.8331e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	2.2048e-03	-3.1039e-05	-8.1626e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	-8.0287e-04	-1.2752e-05	-5.9877e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	-1.4965e-04	-1.2357e-05	-7.5784e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	-7.1440e-04	-1.4915e-05	-7.4501e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	-4.1405e-04	-1.2291e-05	-7.7166e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-4.8802e-04	-1.3271e-05	-8.1767e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	-6.7147e-04	-1.3781e-05	-7.9119e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-2.4072e-04	-1.2100e-05	-8.7532e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-7.1512e-04	-1.4566e-05	-8.5226e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	-4.2490e-04	-1.2949e-05	-7.9990e-06	0.0000e+00
22	0.0000e+00	0.0000e+00	-9.2485e-05	-7.0535e-06	-7.3493e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	1.0735e-02	-2.9594e-05	-3.6311e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	8.0635e-03	-1.7519e-06	-4.1623e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	1.0526e-02	4.6855e-06	-5.0363e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	1.0077e-02	-1.1129e-05	-5.0673e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	9.9763e-03	6.9758e-08	-4.9195e-05	0.0000e+00
28	0.0000e+00	0.0000e+00	9.5820e-03	-3.4973e-06	-4.1816e-05	0.0000e+00
29	0.0000e+00	0.0000e+00	9.7152e-03	-5.7185e-06	-4.9352e-05	0.0000e+00
30	0.0000e+00	0.0000e+00	1.0751e-02	3.8190e-06	-5.3117e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	1.0190e-02	-1.1549e-05	-5.2018e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	9.0521e-03	-5.1313e-06	-4.5410e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	7.5433e-03	1.8421e-06	-3.3739e-05	0.0000e+00
67	0.0000e+00	0.0000e+00	1.6404e-02	-3.8933e-05	4.0952e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	1.0304e-02	-3.3670e-06	3.7263e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	1.3154e-02	7.7432e-06	4.1249e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	1.2832e-02	-1.1476e-05	4.1441e-05	0.0000e+00
71	0.0000e+00	0.0000e+00	1.2818e-02	3.3331e-06	4.1620e-05	0.0000e+00
72	0.0000e+00	0.0000e+00	1.3272e-02	-2.6738e-06	4.3016e-05	0.0000e+00
73	0.0000e+00	0.0000e+00	1.2512e-02	-7.1824e-06	4.1097e-05	0.0000e+00
74	0.0000e+00	0.0000e+00	1.3466e-02	5.9523e-06	4.2166e-05	0.0000e+00
75	0.0000e+00	0.0000e+00	1.2763e-02	-1.2601e-05	4.0326e-05	0.0000e+00
76	0.0000e+00	0.0000e+00	1.1078e-02	-3.7402e-06	3.5524e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	1.0781e-02	6.9897e-06	3.0565e-05	0.0000e+00
78	0.0000e+00	0.0000e+00	1.2322e-02	-2.8475e-05	-3.4880e-05	0.0000e+00
79	0.0000e+00	0.0000e+00	9.8797e-03	-3.7859e-07	-4.0314e-05	0.0000e+00
80	0.0000e+00	0.0000e+00	1.2723e-02	7.0635e-06	-4.8581e-05	0.0000e+00
81	0.0000e+00	0.0000e+00	1.2294e-02	-1.1270e-05	-4.9082e-05	0.0000e+00
82	0.0000e+00	0.0000e+00	1.2111e-02	1.2402e-06	-4.7218e-05	0.0000e+00
83	0.0000e+00	0.0000e+00	1.1480e-02	-2.5423e-06	-4.2505e-05	0.0000e+00
84	0.0000e+00	0.0000e+00	1.1857e-02	-4.8551e-06	-4.7363e-05	0.0000e+00
85	0.0000e+00	0.0000e+00	1.3063e-02	5.9334e-06	-5.1092e-05	0.0000e+00
86	0.0000e+00	0.0000e+00	1.2458e-02	-1.1943e-05	-5.0111e-05	0.0000e+00
87	0.0000e+00	0.0000e+00	1.1009e-02	-4.8205e-06	-4.3259e-05	0.0000e+00
88	0.0000e+00	0.0000e+00	9.0341e-03	2.4247e-06	-3.2998e-05	0.0000e+00
89	0.0000e+00	0.0000e+00	1.5982e-02	-3.5470e-05	5.2204e-05	0.0000e+00
90	0.0000e+00	0.0000e+00	3.4889e-03	-2.7755e-05	-8.5228e-06	0.0000e+00
91	0.0000e+00	0.0000e+00	1.1965e-02	-2.6703e-05	-3.7391e-05	0.0000e+00
92	0.0000e+00	0.0000e+00	1.8131e-02	-3.6944e-05	4.4329e-05	0.0000e+00
93	0.0000e+00	0.0000e+00	1.3575e-02	-2.7121e-05	-3.4548e-05	0.0000e+00
94	0.0000e+00	0.0000e+00	9.1059e-03	1.0851e-06	-3.3082e-05	0.0000e+00
95	0.0000e+00	0.0000e+00	9.5188e-03	5.8621e-06	3.7468e-05	0.0000e+00
96	0.0000e+00	0.0000e+00	-2.8104e-04	-3.2789e-06	-7.2680e-06	0.0000e+00
97	0.0000e+00	0.0000e+00	7.5986e-03	1.0580e-06	-3.4139e-05	0.0000e+00
98	0.0000e+00	0.0000e+00	1.1092e-02	6.2965e-06	3.3093e-05	0.0000e+00
99	0.0000e+00	0.0000e+00	1.1947e-02	-3.7842e-05	5.3229e-05	0.0000e+00
100	0.0000e+00	0.0000e+00	1.0434e-02	-3.7158e-05	5.2333e-05	0.0000e+00
101	0.0000e+00	0.0000e+00	1.2695e-02	-3.8201e-05	5.0709e-05	0.0000e+00
102	0.0000e+00	0.0000e+00	9.0454e-03	-3.2116e-05	5.0249e-05	0.0000e+00
103	0.0000e+00	0.0000e+00	1.1235e-02	-3.3018e-05	4.9464e-05	0.0000e+00
104	0.0000e+00	0.0000e+00	7.9011e-03	-2.5096e-05	4.8596e-05	0.0000e+00
105	0.0000e+00	0.0000e+00	1.0032e-02	-2.6159e-05	4.8450e-05	0.0000e+00
106	0.0000e+00	0.0000e+00	7.0510e-03	-1.7463e-05	4.7269e-05	0.0000e+00
107	0.0000e+00	0.0000e+00	9.1327e-03	-1.8570e-05	4.7572e-05	0.0000e+00
108	0.0000e+00	0.0000e+00	6.5010e-03	-1.0102e-05	4.6425e-05	0.0000e+00
109	0.0000e+00	0.0000e+00	8.5486e-03	-1.1122e-05	4.6871e-05	0.0000e+00
110	0.0000e+00	0.0000e+00	6.2255e-03	-3.7375e-06	4.6172e-05	0.0000e+00
111	0.0000e+00	0.0000e+00	8.2567e-03	-4.6164e-06	4.6360e-05	0.0000e+00
112	0.0000e+00	0.0000e+00	6.1714e-03	9.6915e-07	4.6548e-05	0.0000e+00
113	0.0000e+00	0.0000e+00	8.2037e-03	1.8156e-07	4.5984e-05	0.0000e+00
114	0.0000e+00	0.0000e+00	6.2591e-03	3.3556e-06	4.7496e-05	0.0000e+00

115	0.0000e+00	0.0000e+00	8.3063e-03	2.4939e-06	4.5592e-05	0.0000e+00
116	0.0000e+00	0.0000e+00	6.3808e-03	2.6271e-06	4.8865e-05	0.0000e+00
117	0.0000e+00	0.0000e+00	8.4498e-03	1.4684e-06	4.4965e-05	0.0000e+00
118	0.0000e+00	0.0000e+00	6.3895e-03	-2.3053e-06	4.9233e-05	0.0000e+00
119	0.0000e+00	0.0000e+00	9.6292e-03	-3.5134e-05	5.0341e-05	0.0000e+00
120	0.0000e+00	0.0000e+00	8.2237e-03	-3.4519e-05	4.8871e-05	0.0000e+00
121	0.0000e+00	0.0000e+00	6.9313e-03	-2.9776e-05	4.6267e-05	0.0000e+00
122	0.0000e+00	0.0000e+00	5.8697e-03	-2.3206e-05	4.4173e-05	0.0000e+00
123	0.0000e+00	0.0000e+00	5.0829e-03	-1.6163e-05	4.2588e-05	0.0000e+00
124	0.0000e+00	0.0000e+00	4.5713e-03	-9.5353e-06	4.1658e-05	0.0000e+00
125	0.0000e+00	0.0000e+00	4.3048e-03	-3.9806e-06	4.1468e-05	0.0000e+00
126	0.0000e+00	0.0000e+00	4.2295e-03	-5.0242e-08	4.2008e-05	0.0000e+00
127	0.0000e+00	0.0000e+00	4.2706e-03	1.7670e-06	4.3106e-05	0.0000e+00
128	0.0000e+00	0.0000e+00	4.3369e-03	1.1574e-06	4.4296e-05	0.0000e+00
129	0.0000e+00	0.0000e+00	4.3355e-03	-1.3908e-06	4.4468e-05	0.0000e+00
130	0.0000e+00	0.0000e+00	7.5194e-03	-3.2554e-05	4.4683e-05	0.0000e+00
131	0.0000e+00	0.0000e+00	6.2262e-03	-3.1575e-05	4.2726e-05	0.0000e+00
132	0.0000e+00	0.0000e+00	5.0471e-03	-2.7080e-05	3.9922e-05	0.0000e+00
133	0.0000e+00	0.0000e+00	4.0829e-03	-2.1039e-05	3.7581e-05	0.0000e+00
134	0.0000e+00	0.0000e+00	3.3692e-03	-1.4687e-05	3.5812e-05	0.0000e+00
135	0.0000e+00	0.0000e+00	2.9009e-03	-8.8534e-06	3.4743e-05	0.0000e+00
136	0.0000e+00	0.0000e+00	2.6456e-03	-4.1086e-06	3.4406e-05	0.0000e+00
137	0.0000e+00	0.0000e+00	2.5512e-03	-8.5856e-07	3.4727e-05	0.0000e+00
138	0.0000e+00	0.0000e+00	2.5526e-03	6.5236e-07	3.5463e-05	0.0000e+00
139	0.0000e+00	0.0000e+00	2.5800e-03	4.7556e-07	3.6148e-05	0.0000e+00
140	0.0000e+00	0.0000e+00	2.5753e-03	-7.9244e-07	3.6191e-05	0.0000e+00
141	0.0000e+00	0.0000e+00	5.7100e-03	-3.0166e-05	3.7376e-05	0.0000e+00
142	0.0000e+00	0.0000e+00	4.5264e-03	-2.8573e-05	3.5274e-05	0.0000e+00
143	0.0000e+00	0.0000e+00	3.4648e-03	-2.4241e-05	3.2559e-05	0.0000e+00
144	0.0000e+00	0.0000e+00	2.6040e-03	-1.8719e-05	3.0185e-05	0.0000e+00
145	0.0000e+00	0.0000e+00	1.9692e-03	-1.3061e-05	2.8336e-05	0.0000e+00
146	0.0000e+00	0.0000e+00	1.5507e-03	-7.9906e-06	2.7126e-05	0.0000e+00
147	0.0000e+00	0.0000e+00	1.3151e-03	-3.9744e-06	2.6561e-05	0.0000e+00
148	0.0000e+00	0.0000e+00	1.2143e-03	-1.2825e-06	2.6551e-05	0.0000e+00
149	0.0000e+00	0.0000e+00	1.1934e-03	1.9393e-08	2.6886e-05	0.0000e+00
150	0.0000e+00	0.0000e+00	1.1995e-03	1.2784e-07	2.7241e-05	0.0000e+00
151	0.0000e+00	0.0000e+00	1.1937e-03	-4.5655e-07	2.7283e-05	0.0000e+00
152	0.0000e+00	0.0000e+00	4.2494e-03	-2.8145e-05	2.9277e-05	0.0000e+00
153	0.0000e+00	0.0000e+00	3.1623e-03	-2.5850e-05	2.7365e-05	0.0000e+00
154	0.0000e+00	0.0000e+00	2.2098e-03	-2.1550e-05	2.5008e-05	0.0000e+00
155	0.0000e+00	0.0000e+00	1.4486e-03	-1.6435e-05	2.2820e-05	0.0000e+00
156	0.0000e+00	0.0000e+00	8.9335e-04	-1.1367e-05	2.1028e-05	0.0000e+00
157	0.0000e+00	0.0000e+00	5.2947e-04	-6.9447e-06	1.9742e-05	0.0000e+00
158	0.0000e+00	0.0000e+00	3.2314e-04	-3.5395e-06	1.8979e-05	0.0000e+00
159	0.0000e+00	0.0000e+00	2.2963e-04	-1.3224e-06	1.8680e-05	0.0000e+00
160	0.0000e+00	0.0000e+00	2.0133e-04	-2.5883e-07	1.8719e-05	0.0000e+00
161	0.0000e+00	0.0000e+00	1.9638e-04	-9.0088e-08	1.8911e-05	0.0000e+00
162	0.0000e+00	0.0000e+00	1.8736e-04	-3.6924e-07	1.9052e-05	0.0000e+00
163	0.0000e+00	0.0000e+00	3.1547e-03	-2.6691e-05	2.0986e-05	0.0000e+00
164	0.0000e+00	0.0000e+00	2.1413e-03	-2.3681e-05	1.9553e-05	0.0000e+00
165	0.0000e+00	0.0000e+00	1.2788e-03	-1.9260e-05	1.7755e-05	0.0000e+00
166	0.0000e+00	0.0000e+00	6.0494e-04	-1.4374e-05	1.5934e-05	0.0000e+00
167	0.0000e+00	0.0000e+00	1.2377e-04	-9.7244e-06	1.4333e-05	0.0000e+00
168	0.0000e+00	0.0000e+00	-1.8442e-04	-5.7928e-06	1.3075e-05	0.0000e+00
169	0.0000e+00	0.0000e+00	-3.5464e-04	-2.8694e-06	1.2195e-05	0.0000e+00
170	0.0000e+00	0.0000e+00	-4.3014e-04	-1.0736e-06	1.1684e-05	0.0000e+00
171	0.0000e+00	0.0000e+00	-4.5536e-04	-3.3019e-07	1.1522e-05	0.0000e+00
172	0.0000e+00	0.0000e+00	-4.6719e-04	-3.2965e-07	1.1670e-05	0.0000e+00
173	0.0000e+00	0.0000e+00	-4.8590e-04	-5.7291e-07	1.2012e-05	0.0000e+00
174	0.0000e+00	0.0000e+00	2.4226e-03	-2.5999e-05	1.2894e-05	0.0000e+00
175	0.0000e+00	0.0000e+00	1.4520e-03	-2.2263e-05	1.2156e-05	0.0000e+00
176	0.0000e+00	0.0000e+00	6.5319e-04	-1.7539e-05	1.1026e-05	0.0000e+00
177	0.0000e+00	0.0000e+00	4.8197e-05	-1.2682e-05	9.6738e-06	0.0000e+00
178	0.0000e+00	0.0000e+00	-3.6982e-04	-8.2638e-06	8.3785e-06	0.0000e+00
179	0.0000e+00	0.0000e+00	-6.2605e-04	-4.6457e-06	7.2648e-06	0.0000e+00
180	0.0000e+00	0.0000e+00	-7.5725e-04	-2.0529e-06	6.3689e-06	0.0000e+00
181	0.0000e+00	0.0000e+00	-8.0713e-04	-6.0589e-07	5.7091e-06	0.0000e+00
182	0.0000e+00	0.0000e+00	-8.2157e-04	-2.7019e-07	5.3681e-06	0.0000e+00
183	0.0000e+00	0.0000e+00	-8.3976e-04	-7.0387e-07	5.5117e-06	0.0000e+00
184	0.0000e+00	0.0000e+00	-8.7945e-04	-1.1782e-06	6.1904e-06	0.0000e+00
185	0.0000e+00	0.0000e+00	2.0370e-03	-2.6263e-05	5.2428e-06	0.0000e+00
186	0.0000e+00	0.0000e+00	1.0731e-03	-2.1672e-05	5.3248e-06	0.0000e+00

187	0.0000e+00	0.0000e+00	3.0983e-04	-1.6432e-05	4.8054e-06	0.0000e+00
188	0.0000e+00	0.0000e+00	-2.4748e-04	-1.1447e-05	3.9391e-06	0.0000e+00
189	0.0000e+00	0.0000e+00	-6.1771e-04	-7.1128e-06	3.0464e-06	0.0000e+00
190	0.0000e+00	0.0000e+00	-8.3112e-04	-3.6403e-06	2.2128e-06	0.0000e+00
191	0.0000e+00	0.0000e+00	-9.2550e-04	-1.1974e-06	1.4406e-06	0.0000e+00
192	0.0000e+00	0.0000e+00	-9.4506e-04	5.8915e-08	7.1938e-07	0.0000e+00
193	0.0000e+00	0.0000e+00	-9.4021e-04	-2.3421e-08	1.3890e-07	0.0000e+00
194	0.0000e+00	0.0000e+00	-9.6271e-04	-1.2620e-06	1.2294e-07	0.0000e+00
195	0.0000e+00	0.0000e+00	-1.0412e-03	-2.4549e-06	1.3322e-06	0.0000e+00
196	0.0000e+00	0.0000e+00	1.9742e-03	-2.7714e-05	-1.8137e-06	0.0000e+00
197	0.0000e+00	0.0000e+00	9.8078e-04	-2.1692e-05	-9.9284e-07	0.0000e+00
198	0.0000e+00	0.0000e+00	2.3188e-04	-1.5819e-05	-1.2252e-06	0.0000e+00
199	0.0000e+00	0.0000e+00	-2.9880e-04	-1.0740e-05	-1.5815e-06	0.0000e+00
200	0.0000e+00	0.0000e+00	-6.4119e-04	-6.4165e-06	-1.9506e-06	0.0000e+00
201	0.0000e+00	0.0000e+00	-8.2737e-04	-2.9556e-06	-2.3463e-06	0.0000e+00
202	0.0000e+00	0.0000e+00	-8.9448e-04	-4.9032e-07	-2.7957e-06	0.0000e+00
203	0.0000e+00	0.0000e+00	-8.8544e-04	8.2160e-07	-3.3422e-06	0.0000e+00
204	0.0000e+00	0.0000e+00	-8.5127e-04	7.0712e-07	-4.0453e-06	0.0000e+00
205	0.0000e+00	0.0000e+00	-8.6166e-04	-1.5848e-06	-4.8985e-06	0.0000e+00
206	0.0000e+00	0.0000e+00	-1.0054e-03	-4.9236e-06	-2.8620e-06	0.0000e+00
207	0.0000e+00	0.0000e+00	1.1740e-03	-2.1736e-05	-8.0485e-06	0.0000e+00
208	0.0000e+00	0.0000e+00	4.2377e-04	-1.5836e-05	-7.6116e-06	0.0000e+00
209	0.0000e+00	0.0000e+00	-1.0719e-04	-1.0719e-05	-7.2265e-06	0.0000e+00
210	0.0000e+00	0.0000e+00	-4.4740e-04	-6.3223e-06	-6.9514e-06	0.0000e+00
211	0.0000e+00	0.0000e+00	-6.2803e-04	-2.7717e-06	-6.8089e-06	0.0000e+00
212	0.0000e+00	0.0000e+00	-6.8601e-04	-2.1393e-07	-6.7738e-06	0.0000e+00
213	0.0000e+00	0.0000e+00	-6.6430e-04	1.1960e-06	-6.7898e-06	0.0000e+00
214	0.0000e+00	0.0000e+00	-6.1366e-04	1.2063e-06	-6.7724e-06	0.0000e+00
215	0.0000e+00	0.0000e+00	-6.0195e-04	-9.1118e-07	-6.6338e-06	0.0000e+00
216	0.0000e+00	0.0000e+00	6.1873e-03	-6.3685e-06	4.6979e-05	0.0000e+00
217	0.0000e+00	0.0000e+00	8.1931e-03	-6.3766e-06	4.4205e-05	0.0000e+00
218	0.0000e+00	0.0000e+00	5.9232e-03	-5.5757e-06	4.5020e-05	0.0000e+00
219	0.0000e+00	0.0000e+00	7.8860e-03	-5.4126e-06	4.4340e-05	0.0000e+00
220	0.0000e+00	0.0000e+00	5.7460e-03	-2.4808e-06	4.4005e-05	0.0000e+00
221	0.0000e+00	0.0000e+00	7.6886e-03	-2.1282e-06	4.4507e-05	0.0000e+00
222	0.0000e+00	0.0000e+00	5.7329e-03	1.8860e-06	4.3883e-05	0.0000e+00
223	0.0000e+00	0.0000e+00	7.6816e-03	2.5377e-06	4.4924e-05	0.0000e+00
224	0.0000e+00	0.0000e+00	5.9221e-03	6.7165e-06	4.4687e-05	0.0000e+00
225	0.0000e+00	0.0000e+00	7.9058e-03	7.6962e-06	4.5710e-05	0.0000e+00
226	0.0000e+00	0.0000e+00	6.3166e-03	1.1225e-05	4.6405e-05	0.0000e+00
227	0.0000e+00	0.0000e+00	8.3638e-03	1.2455e-05	4.6857e-05	0.0000e+00
228	0.0000e+00	0.0000e+00	6.8838e-03	1.4573e-05	4.8964e-05	0.0000e+00
229	0.0000e+00	0.0000e+00	9.0187e-03	1.5860e-05	4.8225e-05	0.0000e+00
230	0.0000e+00	0.0000e+00	7.5519e-03	1.5804e-05	5.2211e-05	0.0000e+00
231	0.0000e+00	0.0000e+00	9.7897e-03	1.6829e-05	4.9525e-05	0.0000e+00
232	0.0000e+00	0.0000e+00	8.2020e-03	1.3708e-05	5.5930e-05	0.0000e+00
233	0.0000e+00	0.0000e+00	1.0546e-02	1.4077e-05	5.0352e-05	0.0000e+00
234	0.0000e+00	0.0000e+00	8.6470e-03	6.4015e-06	5.8469e-05	0.0000e+00
235	0.0000e+00	0.0000e+00	4.2145e-03	-3.8088e-06	4.2876e-05	0.0000e+00
236	0.0000e+00	0.0000e+00	4.0400e-03	-3.7456e-06	4.0788e-05	0.0000e+00
237	0.0000e+00	0.0000e+00	3.9167e-03	-1.6389e-06	3.9421e-05	0.0000e+00
238	0.0000e+00	0.0000e+00	3.9152e-03	1.6714e-06	3.9043e-05	0.0000e+00
239	0.0000e+00	0.0000e+00	4.0713e-03	5.4230e-06	3.9746e-05	0.0000e+00
240	0.0000e+00	0.0000e+00	4.3883e-03	8.8864e-06	4.1537e-05	0.0000e+00
241	0.0000e+00	0.0000e+00	4.8371e-03	1.1306e-05	4.4328e-05	0.0000e+00
242	0.0000e+00	0.0000e+00	5.3544e-03	1.1875e-05	4.7868e-05	0.0000e+00
243	0.0000e+00	0.0000e+00	5.8425e-03	9.8583e-06	5.1572e-05	0.0000e+00
244	0.0000e+00	0.0000e+00	6.1828e-03	5.3948e-06	5.3898e-05	0.0000e+00
245	0.0000e+00	0.0000e+00	2.5080e-03	-2.1134e-06	3.5228e-05	0.0000e+00
246	0.0000e+00	0.0000e+00	2.4088e-03	-2.1488e-06	3.3776e-05	0.0000e+00
247	0.0000e+00	0.0000e+00	2.3404e-03	-7.7257e-07	3.2634e-05	0.0000e+00
248	0.0000e+00	0.0000e+00	2.3559e-03	1.5675e-06	3.2241e-05	0.0000e+00
249	0.0000e+00	0.0000e+00	2.4845e-03	4.2719e-06	3.2789e-05	0.0000e+00
250	0.0000e+00	0.0000e+00	2.7287e-03	6.7225e-06	3.4318e-05	0.0000e+00
251	0.0000e+00	0.0000e+00	3.0637e-03	8.3082e-06	3.6724e-05	0.0000e+00
252	0.0000e+00	0.0000e+00	3.4390e-03	8.4808e-06	3.9697e-05	0.0000e+00
253	0.0000e+00	0.0000e+00	3.7849e-03	6.9643e-06	4.2614e-05	0.0000e+00
254	0.0000e+00	0.0000e+00	4.0327e-03	4.1860e-06	4.4574e-05	0.0000e+00
255	0.0000e+00	0.0000e+00	1.1574e-03	-1.1032e-06	2.6788e-05	0.0000e+00
256	0.0000e+00	0.0000e+00	1.1067e-03	-1.0376e-06	2.5936e-05	0.0000e+00
257	0.0000e+00	0.0000e+00	1.0790e-03	-8.0245e-08	2.5168e-05	0.0000e+00
258	0.0000e+00	0.0000e+00	1.1096e-03	1.5355e-06	2.4853e-05	0.0000e+00

259	0.0000e+00	0.0000e+00	1.2183e-03	3.3870e-06	2.5209e-05	0.0000e+00
260	0.0000e+00	0.0000e+00	1.4051e-03	5.0012e-06	2.6308e-05	0.0000e+00
261	0.0000e+00	0.0000e+00	1.6495e-03	5.9331e-06	2.8071e-05	0.0000e+00
262	0.0000e+00	0.0000e+00	1.9136e-03	5.8601e-06	3.0247e-05	0.0000e+00
263	0.0000e+00	0.0000e+00	2.1508e-03	4.7361e-06	3.2399e-05	0.0000e+00
264	0.0000e+00	0.0000e+00	2.3212e-03	2.9373e-06	3.4011e-05	0.0000e+00
265	0.0000e+00	0.0000e+00	1.6386e-04	-6.2279e-07	1.8951e-05	0.0000e+00
266	0.0000e+00	0.0000e+00	1.3898e-04	-3.9548e-07	1.8572e-05	0.0000e+00
267	0.0000e+00	0.0000e+00	1.3701e-04	3.9448e-07	1.8119e-05	0.0000e+00
268	0.0000e+00	0.0000e+00	1.7956e-04	1.5738e-06	1.7855e-05	0.0000e+00
269	0.0000e+00	0.0000e+00	2.7742e-04	2.8414e-06	1.7985e-05	0.0000e+00
270	0.0000e+00	0.0000e+00	4.2692e-04	3.8559e-06	1.8601e-05	0.0000e+00
271	0.0000e+00	0.0000e+00	6.0983e-04	4.3087e-06	1.9680e-05	0.0000e+00
272	0.0000e+00	0.0000e+00	7.9669e-04	4.0217e-06	2.1090e-05	0.0000e+00
273	0.0000e+00	0.0000e+00	9.5519e-04	3.0609e-06	2.2603e-05	0.0000e+00
274	0.0000e+00	0.0000e+00	1.0622e-03	1.7690e-06	2.3921e-05	0.0000e+00
275	0.0000e+00	0.0000e+00	-5.1330e-04	-5.7670e-07	1.2311e-05	0.0000e+00
276	0.0000e+00	0.0000e+00	-5.3025e-04	-1.0616e-07	1.2303e-05	0.0000e+00
277	0.0000e+00	0.0000e+00	-5.1760e-04	7.2751e-07	1.2045e-05	0.0000e+00
278	0.0000e+00	0.0000e+00	-4.6374e-04	1.7222e-06	1.1761e-05	0.0000e+00
279	0.0000e+00	0.0000e+00	-3.6640e-04	2.6569e-06	1.1644e-05	0.0000e+00
280	0.0000e+00	0.0000e+00	-2.3343e-04	3.2923e-06	1.1791e-05	0.0000e+00
281	0.0000e+00	0.0000e+00	-8.3208e-05	3.4000e-06	1.2225e-05	0.0000e+00
282	0.0000e+00	0.0000e+00	5.7667e-05	2.8612e-06	1.2946e-05	0.0000e+00
283	0.0000e+00	0.0000e+00	1.6235e-04	1.8095e-06	1.3936e-05	0.0000e+00
284	0.0000e+00	0.0000e+00	2.1671e-04	6.7255e-07	1.5067e-05	0.0000e+00
285	0.0000e+00	0.0000e+00	-9.2945e-04	-9.3098e-07	6.9800e-06	0.0000e+00
286	0.0000e+00	0.0000e+00	-9.5228e-04	-3.7466e-08	7.2376e-06	0.0000e+00
287	0.0000e+00	0.0000e+00	-9.3044e-04	1.0283e-06	7.0270e-06	0.0000e+00
288	0.0000e+00	0.0000e+00	-8.6281e-04	2.0181e-06	6.6535e-06	0.0000e+00
289	0.0000e+00	0.0000e+00	-7.5543e-04	2.8120e-06	6.3087e-06	0.0000e+00
290	0.0000e+00	0.0000e+00	-6.1994e-04	3.2591e-06	6.0571e-06	0.0000e+00
291	0.0000e+00	0.0000e+00	-4.7603e-04	3.1494e-06	5.9192e-06	0.0000e+00
292	0.0000e+00	0.0000e+00	-3.5251e-04	2.3102e-06	5.9857e-06	0.0000e+00
293	0.0000e+00	0.0000e+00	-2.8065e-04	8.6815e-07	6.5015e-06	0.0000e+00
294	0.0000e+00	0.0000e+00	-2.7396e-04	-4.7857e-07	7.6121e-06	0.0000e+00
295	0.0000e+00	0.0000e+00	-1.1382e-03	-1.6632e-06	2.8094e-06	0.0000e+00
296	0.0000e+00	0.0000e+00	-1.1741e-03	3.9200e-09	3.0721e-06	0.0000e+00
297	0.0000e+00	0.0000e+00	-1.1414e-03	1.4077e-06	2.7187e-06	0.0000e+00
298	0.0000e+00	0.0000e+00	-1.0556e-03	2.4498e-06	2.2527e-06	0.0000e+00
299	0.0000e+00	0.0000e+00	-9.3012e-04	3.2169e-06	1.7827e-06	0.0000e+00
300	0.0000e+00	0.0000e+00	-7.7781e-04	3.6406e-06	1.2904e-06	0.0000e+00
301	0.0000e+00	0.0000e+00	-6.1826e-04	3.4913e-06	7.3191e-07	0.0000e+00
302	0.0000e+00	0.0000e+00	-4.8436e-04	2.3939e-06	1.5580e-07	0.0000e+00
303	0.0000e+00	0.0000e+00	-4.2314e-04	1.8205e-07	4.5145e-08	0.0000e+00
304	0.0000e+00	0.0000e+00	-4.6752e-04	-2.0067e-06	1.3724e-06	0.0000e+00
305	0.0000e+00	0.0000e+00	-1.1840e-03	-2.2570e-06	-4.7405e-07	0.0000e+00
306	0.0000e+00	0.0000e+00	-1.2191e-03	4.0187e-07	-1.0816e-06	0.0000e+00
307	0.0000e+00	0.0000e+00	-1.1675e-03	1.8721e-06	-1.5693e-06	0.0000e+00
308	0.0000e+00	0.0000e+00	-1.0623e-03	2.8971e-06	-1.9599e-06	0.0000e+00
309	0.0000e+00	0.0000e+00	-9.1718e-04	3.6895e-06	-2.3539e-06	0.0000e+00
310	0.0000e+00	0.0000e+00	-7.4274e-04	4.2083e-06	-2.8351e-06	0.0000e+00
311	0.0000e+00	0.0000e+00	-5.5559e-04	4.2247e-06	-3.4855e-06	0.0000e+00
312	0.0000e+00	0.0000e+00	-3.8731e-04	3.2657e-06	-4.4102e-06	0.0000e+00
313	0.0000e+00	0.0000e+00	-3.0114e-04	2.6063e-07	-5.7294e-06	0.0000e+00
314	0.0000e+00	0.0000e+00	-4.1190e-04	-4.5075e-06	-3.9205e-06	0.0000e+00
315	0.0000e+00	0.0000e+00	-1.0392e-03	-1.7370e-06	-6.5379e-06	0.0000e+00
316	0.0000e+00	0.0000e+00	-1.0566e-03	7.6265e-07	-6.5665e-06	0.0000e+00
317	0.0000e+00	0.0000e+00	-9.9345e-04	2.1018e-06	-6.5211e-06	0.0000e+00
318	0.0000e+00	0.0000e+00	-8.7887e-04	3.1282e-06	-6.5196e-06	0.0000e+00
319	0.0000e+00	0.0000e+00	-7.2216e-04	4.0043e-06	-6.6359e-06	0.0000e+00
320	0.0000e+00	0.0000e+00	-5.3139e-04	4.6501e-06	-6.8863e-06	0.0000e+00
321	0.0000e+00	0.0000e+00	-3.2183e-04	4.8246e-06	-7.2340e-06	0.0000e+00
322	0.0000e+00	0.0000e+00	-1.2380e-04	4.0710e-06	-7.5918e-06	0.0000e+00
323	0.0000e+00	0.0000e+00	-8.5527e-07	1.2013e-06	-7.8393e-06	0.0000e+00
324	0.0000e+00	0.0000e+00	8.3359e-03	-9.3148e-06	5.7935e-05	0.0000e+00
325	0.0000e+00	0.0000e+00	7.8152e-03	-1.3812e-05	5.4623e-05	0.0000e+00
326	0.0000e+00	0.0000e+00	1.0124e-02	-1.4342e-05	5.0275e-05	0.0000e+00
327	0.0000e+00	0.0000e+00	7.2309e-03	-1.2707e-05	5.1587e-05	0.0000e+00
328	0.0000e+00	0.0000e+00	9.4614e-03	-1.3224e-05	4.9938e-05	0.0000e+00
329	0.0000e+00	0.0000e+00	6.7545e-03	-8.9720e-06	4.9522e-05	0.0000e+00
330	0.0000e+00	0.0000e+00	8.9276e-03	-9.4192e-06	4.9475e-05	0.0000e+00

331	0.0000e+00	0.0000e+00	6.4730e-03	-3.8485e-06	4.8380e-05	0.0000e+00
332	0.0000e+00	0.0000e+00	8.6135e-03	-4.0602e-06	4.9164e-05	0.0000e+00
333	0.0000e+00	0.0000e+00	6.4266e-03	1.7201e-06	4.8216e-05	0.0000e+00
334	0.0000e+00	0.0000e+00	8.5639e-03	1.8243e-06	4.9184e-05	0.0000e+00
335	0.0000e+00	0.0000e+00	6.6156e-03	6.8638e-06	4.9036e-05	0.0000e+00
336	0.0000e+00	0.0000e+00	8.7800e-03	7.2462e-06	4.9569e-05	0.0000e+00
337	0.0000e+00	0.0000e+00	7.0021e-03	1.0699e-05	5.0780e-05	0.0000e+00
338	0.0000e+00	0.0000e+00	9.2201e-03	1.1193e-05	5.0207e-05	0.0000e+00
339	0.0000e+00	0.0000e+00	7.5071e-03	1.2251e-05	5.3302e-05	0.0000e+00
340	0.0000e+00	0.0000e+00	9.7972e-03	1.2558e-05	5.0827e-05	0.0000e+00
341	0.0000e+00	0.0000e+00	8.0045e-03	1.0305e-05	5.6400e-05	0.0000e+00
342	0.0000e+00	0.0000e+00	1.0373e-02	1.0057e-05	5.1029e-05	0.0000e+00
343	0.0000e+00	0.0000e+00	8.2977e-03	2.8361e-06	5.8411e-05	0.0000e+00
344	0.0000e+00	0.0000e+00	5.8941e-03	-7.3448e-06	5.3402e-05	0.0000e+00
345	0.0000e+00	0.0000e+00	5.5033e-03	-1.0038e-05	5.0650e-05	0.0000e+00
346	0.0000e+00	0.0000e+00	5.0593e-03	-9.7030e-06	4.7339e-05	0.0000e+00
347	0.0000e+00	0.0000e+00	4.6862e-03	-7.0186e-06	4.4795e-05	0.0000e+00
348	0.0000e+00	0.0000e+00	4.4629e-03	-3.0281e-06	4.3319e-05	0.0000e+00
349	0.0000e+00	0.0000e+00	4.4267e-03	1.3735e-06	4.3020e-05	0.0000e+00
350	0.0000e+00	0.0000e+00	4.5777e-03	5.3777e-06	4.3911e-05	0.0000e+00
351	0.0000e+00	0.0000e+00	4.8812e-03	8.1887e-06	4.5902e-05	0.0000e+00
352	0.0000e+00	0.0000e+00	5.2667e-03	8.9860e-06	4.8733e-05	0.0000e+00
353	0.0000e+00	0.0000e+00	5.6298e-03	7.0434e-06	5.1792e-05	0.0000e+00
354	0.0000e+00	0.0000e+00	5.8463e-03	2.5912e-06	5.3430e-05	0.0000e+00
355	0.0000e+00	0.0000e+00	3.7595e-03	-5.6899e-06	4.4361e-05	0.0000e+00
356	0.0000e+00	0.0000e+00	3.4716e-03	-7.1670e-06	4.2303e-05	0.0000e+00
357	0.0000e+00	0.0000e+00	3.1549e-03	-6.9283e-06	3.9702e-05	0.0000e+00
358	0.0000e+00	0.0000e+00	2.8868e-03	-5.0403e-06	3.7443e-05	0.0000e+00
359	0.0000e+00	0.0000e+00	2.7272e-03	-2.1142e-06	3.6017e-05	0.0000e+00
360	0.0000e+00	0.0000e+00	2.7059e-03	1.1357e-06	3.5636e-05	0.0000e+00
361	0.0000e+00	0.0000e+00	2.8219e-03	4.0238e-06	3.6342e-05	0.0000e+00
362	0.0000e+00	0.0000e+00	3.0449e-03	5.9089e-06	3.8021e-05	0.0000e+00
363	0.0000e+00	0.0000e+00	3.3185e-03	6.2450e-06	4.0338e-05	0.0000e+00
364	0.0000e+00	0.0000e+00	3.5675e-03	4.7984e-06	4.2624e-05	0.0000e+00
365	0.0000e+00	0.0000e+00	3.7216e-03	2.1106e-06	4.3922e-05	0.0000e+00
366	0.0000e+00	0.0000e+00	2.0481e-03	-4.3927e-06	3.4219e-05	0.0000e+00
367	0.0000e+00	0.0000e+00	1.8356e-03	-5.1035e-06	3.2782e-05	0.0000e+00
368	0.0000e+00	0.0000e+00	1.6140e-03	-4.7566e-06	3.0941e-05	0.0000e+00
369	0.0000e+00	0.0000e+00	1.4321e-03	-3.3444e-06	2.9208e-05	0.0000e+00
370	0.0000e+00	0.0000e+00	1.3296e-03	-1.2344e-06	2.7999e-05	0.0000e+00
371	0.0000e+00	0.0000e+00	1.3262e-03	1.0595e-06	2.7557e-05	0.0000e+00
372	0.0000e+00	0.0000e+00	1.4181e-03	3.0132e-06	2.7955e-05	0.0000e+00
373	0.0000e+00	0.0000e+00	1.5799e-03	4.1666e-06	2.9103e-05	0.0000e+00
374	0.0000e+00	0.0000e+00	1.7690e-03	4.2151e-06	3.0718e-05	0.0000e+00
375	0.0000e+00	0.0000e+00	1.9353e-03	3.1682e-06	3.2324e-05	0.0000e+00
376	0.0000e+00	0.0000e+00	2.0391e-03	1.5042e-06	3.3373e-05	0.0000e+00
377	0.0000e+00	0.0000e+00	7.6954e-04	-3.5130e-06	2.4610e-05	0.0000e+00
378	0.0000e+00	0.0000e+00	6.0672e-04	-3.7475e-06	2.3755e-05	0.0000e+00
379	0.0000e+00	0.0000e+00	4.4988e-04	-3.2279e-06	2.2575e-05	0.0000e+00
380	0.0000e+00	0.0000e+00	3.3176e-04	-2.0289e-06	2.1336e-05	0.0000e+00
381	0.0000e+00	0.0000e+00	2.7656e-04	-4.3501e-07	2.0347e-05	0.0000e+00
382	0.0000e+00	0.0000e+00	2.9365e-04	1.1827e-06	1.9834e-05	0.0000e+00
383	0.0000e+00	0.0000e+00	3.7572e-04	2.4501e-06	1.9894e-05	0.0000e+00
384	0.0000e+00	0.0000e+00	5.0016e-04	3.0587e-06	2.0490e-05	0.0000e+00
385	0.0000e+00	0.0000e+00	6.3382e-04	2.8605e-06	2.1464e-05	0.0000e+00
386	0.0000e+00	0.0000e+00	7.4264e-04	1.9803e-06	2.2555e-05	0.0000e+00
387	0.0000e+00	0.0000e+00	8.0493e-04	8.4460e-07	2.3447e-05	0.0000e+00
388	0.0000e+00	0.0000e+00	-1.1620e-04	-3.1132e-06	1.6222e-05	0.0000e+00
389	0.0000e+00	0.0000e+00	-2.5435e-04	-3.0156e-06	1.5957e-05	0.0000e+00
390	0.0000e+00	0.0000e+00	-3.7255e-04	-2.2368e-06	1.5334e-05	0.0000e+00
391	0.0000e+00	0.0000e+00	-4.4583e-04	-1.0300e-06	1.4471e-05	0.0000e+00
392	0.0000e+00	0.0000e+00	-4.6186e-04	3.1118e-07	1.3631e-05	0.0000e+00
393	0.0000e+00	0.0000e+00	-4.2074e-04	1.5156e-06	1.3030e-05	0.0000e+00
394	0.0000e+00	0.0000e+00	-3.3415e-04	2.3275e-06	1.2768e-05	0.0000e+00
395	0.0000e+00	0.0000e+00	-2.2436e-04	2.5323e-06	1.2860e-05	0.0000e+00
396	0.0000e+00	0.0000e+00	-1.2064e-04	2.0518e-06	1.3284e-05	0.0000e+00
397	0.0000e+00	0.0000e+00	-5.0268e-05	1.0794e-06	1.3993e-05	0.0000e+00
398	0.0000e+00	0.0000e+00	-2.4980e-05	1.0986e-07	1.4841e-05	0.0000e+00
399	0.0000e+00	0.0000e+00	-6.6519e-04	-3.2989e-06	9.1306e-06	0.0000e+00
400	0.0000e+00	0.0000e+00	-8.0545e-04	-2.8661e-06	9.5384e-06	0.0000e+00
401	0.0000e+00	0.0000e+00	-9.0671e-04	-1.6430e-06	9.3560e-06	0.0000e+00
402	0.0000e+00	0.0000e+00	-9.4823e-04	-2.3344e-07	8.7106e-06	0.0000e+00



403	0.0000e+00	0.0000e+00	-9.2989e-04	1.0447e-06	7.9455e-06	0.0000e+00
404	0.0000e+00	0.0000e+00	-8.6099e-04	2.0390e-06	7.2693e-06	0.0000e+00
405	0.0000e+00	0.0000e+00	-7.5716e-04	2.5949e-06	6.7507e-06	0.0000e+00
406	0.0000e+00	0.0000e+00	-6.4171e-04	2.5264e-06	6.4065e-06	0.0000e+00
407	0.0000e+00	0.0000e+00	-5.4537e-04	1.7127e-06	6.3142e-06	0.0000e+00
408	0.0000e+00	0.0000e+00	-4.9860e-04	3.4810e-07	6.6892e-06	0.0000e+00
409	0.0000e+00	0.0000e+00	-5.1144e-04	-8.1715e-07	7.6534e-06	0.0000e+00
410	0.0000e+00	0.0000e+00	-9.2796e-04	-4.3382e-06	3.0339e-06	0.0000e+00
411	0.0000e+00	0.0000e+00	-1.1026e-03	-3.2647e-06	4.3091e-06	0.0000e+00
412	0.0000e+00	0.0000e+00	-1.2015e-03	-1.2449e-06	4.2984e-06	0.0000e+00
413	0.0000e+00	0.0000e+00	-1.2170e-03	4.7563e-07	3.6831e-06	0.0000e+00
414	0.0000e+00	0.0000e+00	-1.1671e-03	1.7581e-06	2.9908e-06	0.0000e+00
415	0.0000e+00	0.0000e+00	-1.0688e-03	2.6708e-06	2.3377e-06	0.0000e+00
416	0.0000e+00	0.0000e+00	-9.3940e-04	3.1467e-06	1.7090e-06	0.0000e+00
417	0.0000e+00	0.0000e+00	-8.0198e-04	2.9849e-06	1.0637e-06	0.0000e+00
418	0.0000e+00	0.0000e+00	-6.9100e-04	1.8736e-06	4.5085e-07	0.0000e+00
419	0.0000e+00	0.0000e+00	-6.5167e-04	-2.6114e-07	3.3492e-07	0.0000e+00
420	0.0000e+00	0.0000e+00	-7.1137e-04	-2.2386e-06	1.6310e-06	0.0000e+00
421	0.0000e+00	0.0000e+00	-9.3739e-04	-6.7761e-06	-2.5010e-06	0.0000e+00
422	0.0000e+00	0.0000e+00	-1.1892e-03	-3.6817e-06	-1.1375e-07	0.0000e+00
423	0.0000e+00	0.0000e+00	-1.2796e-03	-6.7139e-07	-8.0224e-07	0.0000e+00
424	0.0000e+00	0.0000e+00	-1.2692e-03	1.0901e-06	-1.3452e-06	0.0000e+00
425	0.0000e+00	0.0000e+00	-1.1938e-03	2.3279e-06	-1.7800e-06	0.0000e+00
426	0.0000e+00	0.0000e+00	-1.0713e-03	3.2352e-06	-2.2066e-06	0.0000e+00
427	0.0000e+00	0.0000e+00	-9.1644e-04	3.7712e-06	-2.7044e-06	0.0000e+00
428	0.0000e+00	0.0000e+00	-7.4976e-04	3.7332e-06	-3.3480e-06	0.0000e+00
429	0.0000e+00	0.0000e+00	-6.0473e-04	2.7093e-06	-4.2304e-06	0.0000e+00
430	0.0000e+00	0.0000e+00	-5.4266e-04	-2.5100e-07	-5.4423e-06	0.0000e+00
431	0.0000e+00	0.0000e+00	-6.6774e-04	-4.6403e-06	-3.5850e-06	0.0000e+00
432	0.0000e+00	0.0000e+00	-1.0297e-03	-3.2639e-06	-7.5739e-06	0.0000e+00
433	0.0000e+00	0.0000e+00	-1.1066e-03	-3.9176e-07	-7.3346e-06	0.0000e+00
434	0.0000e+00	0.0000e+00	-1.0878e-03	1.2562e-06	-7.0822e-06	0.0000e+00
435	0.0000e+00	0.0000e+00	-1.0056e-03	2.5090e-06	-6.9203e-06	0.0000e+00
436	0.0000e+00	0.0000e+00	-8.7351e-04	3.5075e-06	-6.9104e-06	0.0000e+00
437	0.0000e+00	0.0000e+00	-7.0420e-04	4.1710e-06	-7.0593e-06	0.0000e+00
438	0.0000e+00	0.0000e+00	-5.1709e-04	4.2846e-06	-7.3233e-06	0.0000e+00
439	0.0000e+00	0.0000e+00	-3.4470e-04	3.4531e-06	-7.6160e-06	0.0000e+00
440	0.0000e+00	0.0000e+00	-2.4882e-04	6.1510e-07	-7.8274e-06	0.0000e+00
441	0.0000e+00	0.0000e+00	8.0633e-03	-5.5373e-06	5.7456e-05	0.0000e+00
442	0.0000e+00	0.0000e+00	7.6839e-03	-1.1102e-05	5.4435e-05	0.0000e+00
443	0.0000e+00	0.0000e+00	9.9812e-03	-1.1283e-05	4.9943e-05	0.0000e+00
444	0.0000e+00	0.0000e+00	7.2035e-03	-1.0670e-05	5.1646e-05	0.0000e+00
445	0.0000e+00	0.0000e+00	9.4345e-03	-1.0856e-05	4.9892e-05	0.0000e+00
446	0.0000e+00	0.0000e+00	6.8066e-03	-7.3831e-06	4.9820e-05	0.0000e+00
447	0.0000e+00	0.0000e+00	8.9907e-03	-7.5295e-06	4.9669e-05	0.0000e+00
448	0.0000e+00	0.0000e+00	6.5893e-03	-2.5050e-06	4.8903e-05	0.0000e+00
449	0.0000e+00	0.0000e+00	8.7503e-03	-2.4475e-06	4.9567e-05	0.0000e+00
450	0.0000e+00	0.0000e+00	6.6004e-03	3.0013e-06	4.8945e-05	0.0000e+00
451	0.0000e+00	0.0000e+00	8.7666e-03	3.3393e-06	4.9763e-05	0.0000e+00
452	0.0000e+00	0.0000e+00	6.8476e-03	8.2392e-06	4.9954e-05	0.0000e+00
453	0.0000e+00	0.0000e+00	9.0481e-03	8.8141e-06	5.0290e-05	0.0000e+00
454	0.0000e+00	0.0000e+00	7.2991e-03	1.2291e-05	5.1871e-05	0.0000e+00
455	0.0000e+00	0.0000e+00	9.5592e-03	1.2928e-05	5.1027e-05	0.0000e+00
456	0.0000e+00	0.0000e+00	7.8804e-03	1.4141e-05	5.4553e-05	0.0000e+00
457	0.0000e+00	0.0000e+00	1.0217e-02	1.4529e-05	5.1688e-05	0.0000e+00
458	0.0000e+00	0.0000e+00	8.4677e-03	1.2520e-05	5.7804e-05	0.0000e+00
459	0.0000e+00	0.0000e+00	1.0885e-02	1.2280e-05	5.1852e-05	0.0000e+00
460	0.0000e+00	0.0000e+00	8.8642e-03	5.3678e-06	5.9970e-05	0.0000e+00
461	0.0000e+00	0.0000e+00	5.6506e-03	-4.2109e-06	5.2622e-05	0.0000e+00
462	0.0000e+00	0.0000e+00	5.3820e-03	-7.6228e-06	5.0364e-05	0.0000e+00
463	0.0000e+00	0.0000e+00	5.0298e-03	-7.9150e-06	4.7369e-05	0.0000e+00
464	0.0000e+00	0.0000e+00	4.7252e-03	-5.6568e-06	4.5085e-05	0.0000e+00
465	0.0000e+00	0.0000e+00	4.5662e-03	-1.8958e-06	4.3840e-05	0.0000e+00
466	0.0000e+00	0.0000e+00	4.5682e-03	2.4544e-06	4.3760e-05	0.0000e+00
467	0.0000e+00	0.0000e+00	4.7686e-03	6.5586e-06	4.4863e-05	0.0000e+00
468	0.0000e+00	0.0000e+00	5.1284e-03	9.5859e-06	4.7071e-05	0.0000e+00
469	0.0000e+00	0.0000e+00	5.5815e-03	1.0669e-05	5.0138e-05	0.0000e+00
470	0.0000e+00	0.0000e+00	6.0248e-03	9.0152e-06	5.3473e-05	0.0000e+00
471	0.0000e+00	0.0000e+00	6.3322e-03	4.7222e-06	5.5472e-05	0.0000e+00
472	0.0000e+00	0.0000e+00	3.5553e-03	-3.1701e-06	4.3383e-05	0.0000e+00
473	0.0000e+00	0.0000e+00	3.3670e-03	-5.1715e-06	4.1839e-05	0.0000e+00
474	0.0000e+00	0.0000e+00	3.1266e-03	-5.4427e-06	3.9613e-05	0.0000e+00

475	0.0000e+00	0.0000e+00	2.9152e-03	-3.9282e-06	3.7639e-05	0.0000e+00
476	0.0000e+00	0.0000e+00	2.7996e-03	-1.2064e-06	3.6452e-05	0.0000e+00
477	0.0000e+00	0.0000e+00	2.8168e-03	2.0014e-06	3.6291e-05	0.0000e+00
478	0.0000e+00	0.0000e+00	2.9727e-03	4.9853e-06	3.7215e-05	0.0000e+00
479	0.0000e+00	0.0000e+00	3.2421e-03	7.0682e-06	3.9127e-05	0.0000e+00
480	0.0000e+00	0.0000e+00	3.5721e-03	7.6523e-06	4.1711e-05	0.0000e+00
481	0.0000e+00	0.0000e+00	3.8881e-03	6.4270e-06	4.4322e-05	0.0000e+00
482	0.0000e+00	0.0000e+00	4.1161e-03	3.8165e-06	4.6010e-05	0.0000e+00
483	0.0000e+00	0.0000e+00	1.8892e-03	-2.4334e-06	3.3160e-05	0.0000e+00
484	0.0000e+00	0.0000e+00	1.7545e-03	-3.5402e-06	3.2189e-05	0.0000e+00
485	0.0000e+00	0.0000e+00	1.5928e-03	-3.5951e-06	3.0717e-05	0.0000e+00
486	0.0000e+00	0.0000e+00	1.4549e-03	-2.4896e-06	2.9271e-05	0.0000e+00
487	0.0000e+00	0.0000e+00	1.3859e-03	-5.4937e-07	2.8298e-05	0.0000e+00
488	0.0000e+00	0.0000e+00	1.4116e-03	1.7143e-06	2.8067e-05	0.0000e+00
489	0.0000e+00	0.0000e+00	1.5340e-03	3.7571e-06	2.8673e-05	0.0000e+00
490	0.0000e+00	0.0000e+00	1.7323e-03	5.0825e-06	3.0042e-05	0.0000e+00
491	0.0000e+00	0.0000e+00	1.9662e-03	5.3337e-06	3.1914e-05	0.0000e+00
492	0.0000e+00	0.0000e+00	2.1855e-03	4.4468e-06	3.3827e-05	0.0000e+00
493	0.0000e+00	0.0000e+00	2.3466e-03	2.8016e-06	3.5232e-05	0.0000e+00
494	0.0000e+00	0.0000e+00	6.5696e-04	-2.0141e-06	2.3567e-05	0.0000e+00
495	0.0000e+00	0.0000e+00	5.5331e-04	-2.5712e-06	2.3095e-05	0.0000e+00
496	0.0000e+00	0.0000e+00	4.4112e-04	-2.3745e-06	2.2239e-05	0.0000e+00
497	0.0000e+00	0.0000e+00	3.5490e-04	-1.4221e-06	2.1264e-05	0.0000e+00
498	0.0000e+00	0.0000e+00	3.2319e-04	3.8929e-08	2.0494e-05	0.0000e+00
499	0.0000e+00	0.0000e+00	3.6056e-04	1.6428e-06	2.0172e-05	0.0000e+00
500	0.0000e+00	0.0000e+00	4.6460e-04	2.9965e-06	2.0414e-05	0.0000e+00
501	0.0000e+00	0.0000e+00	6.1635e-04	3.7557e-06	2.1199e-05	0.0000e+00
502	0.0000e+00	0.0000e+00	7.8445e-04	3.7222e-06	2.2389e-05	0.0000e+00
503	0.0000e+00	0.0000e+00	9.3407e-04	2.9556e-06	2.3733e-05	0.0000e+00
504	0.0000e+00	0.0000e+00	1.0395e-03	1.8019e-06	2.4907e-05	0.0000e+00
505	0.0000e+00	0.0000e+00	-1.8486e-04	-1.9623e-06	1.5261e-05	0.0000e+00
506	0.0000e+00	0.0000e+00	-2.7849e-04	-2.1537e-06	1.5285e-05	0.0000e+00
507	0.0000e+00	0.0000e+00	-3.6481e-04	-1.6497e-06	1.4922e-05	0.0000e+00
508	0.0000e+00	0.0000e+00	-4.1688e-04	-6.4535e-07	1.4284e-05	0.0000e+00
509	0.0000e+00	0.0000e+00	-4.1840e-04	5.9702e-07	1.3634e-05	0.0000e+00
510	0.0000e+00	0.0000e+00	-3.6476e-04	1.8083e-06	1.3195e-05	0.0000e+00
511	0.0000e+00	0.0000e+00	-2.6338e-04	2.7119e-06	1.3079e-05	0.0000e+00
512	0.0000e+00	0.0000e+00	-1.3357e-04	3.0561e-06	1.3313e-05	0.0000e+00
513	0.0000e+00	0.0000e+00	-3.5327e-06	2.7144e-06	1.3891e-05	0.0000e+00
514	0.0000e+00	0.0000e+00	9.8208e-05	1.8248e-06	1.4780e-05	0.0000e+00
515	0.0000e+00	0.0000e+00	1.5612e-04	8.1891e-07	1.5822e-05	0.0000e+00
516	0.0000e+00	0.0000e+00	-6.9466e-04	-2.3883e-06	8.2953e-06	0.0000e+00
517	0.0000e+00	0.0000e+00	-8.0085e-04	-2.2350e-06	8.8986e-06	0.0000e+00
518	0.0000e+00	0.0000e+00	-8.7999e-04	-1.2690e-06	8.9042e-06	0.0000e+00
519	0.0000e+00	0.0000e+00	-9.0912e-04	-3.6047e-08	8.4398e-06	0.0000e+00
520	0.0000e+00	0.0000e+00	-8.8386e-04	1.1728e-06	7.8319e-06	0.0000e+00
521	0.0000e+00	0.0000e+00	-8.0878e-04	2.1998e-06	7.2829e-06	0.0000e+00
522	0.0000e+00	0.0000e+00	-6.9556e-04	2.8638e-06	6.8651e-06	0.0000e+00
523	0.0000e+00	0.0000e+00	-5.6506e-04	2.9369e-06	6.6043e-06	0.0000e+00
524	0.0000e+00	0.0000e+00	-4.4763e-04	2.2478e-06	6.5941e-06	0.0000e+00
525	0.0000e+00	0.0000e+00	-3.7559e-04	9.4408e-07	7.0705e-06	0.0000e+00
526	0.0000e+00	0.0000e+00	-3.6254e-04	-2.6179e-07	8.1417e-06	0.0000e+00
527	0.0000e+00	0.0000e+00	-9.2492e-04	-3.5686e-06	2.3682e-06	0.0000e+00
528	0.0000e+00	0.0000e+00	-1.0714e-03	-2.7734e-06	3.7337e-06	0.0000e+00
529	0.0000e+00	0.0000e+00	-1.1549e-03	-1.0321e-06	3.8451e-06	0.0000e+00
530	0.0000e+00	0.0000e+00	-1.1650e-03	5.2138e-07	3.3735e-06	0.0000e+00
531	0.0000e+00	0.0000e+00	-1.1142e-03	1.7630e-06	2.8023e-06	0.0000e+00
532	0.0000e+00	0.0000e+00	-1.0145e-03	2.7403e-06	2.2372e-06	0.0000e+00
533	0.0000e+00	0.0000e+00	-8.7909e-04	3.3529e-06	1.6620e-06	0.0000e+00
534	0.0000e+00	0.0000e+00	-7.2891e-04	3.3523e-06	1.0371e-06	0.0000e+00
535	0.0000e+00	0.0000e+00	-5.9866e-04	2.3638e-06	4.2083e-07	0.0000e+00
536	0.0000e+00	0.0000e+00	-5.3659e-04	2.6035e-07	3.1909e-07	0.0000e+00
537	0.0000e+00	0.0000e+00	-5.7385e-04	-1.7517e-06	1.6551e-06	0.0000e+00
538	0.0000e+00	0.0000e+00	-9.1113e-04	-5.9585e-06	-2.9691e-06	0.0000e+00
539	0.0000e+00	0.0000e+00	-1.1347e-03	-3.2558e-06	-6.1064e-07	0.0000e+00
540	0.0000e+00	0.0000e+00	-1.2145e-03	-5.8853e-07	-1.1875e-06	0.0000e+00
541	0.0000e+00	0.0000e+00	-1.2040e-03	1.0227e-06	-1.6278e-06	0.0000e+00
542	0.0000e+00	0.0000e+00	-1.1321e-03	2.2506e-06	-1.9908e-06	0.0000e+00
543	0.0000e+00	0.0000e+00	-1.0109e-03	3.2565e-06	-2.3754e-06	0.0000e+00
544	0.0000e+00	0.0000e+00	-8.5140e-04	3.9659e-06	-2.8643e-06	0.0000e+00
545	0.0000e+00	0.0000e+00	-6.7162e-04	4.1293e-06	-3.5407e-06	0.0000e+00
546	0.0000e+00	0.0000e+00	-5.0535e-04	3.2608e-06	-4.5098e-06	0.0000e+00

547	0.0000e+00	0.0000e+00	-4.1837e-04	2.8697e-07	-5.8521e-06	0.0000e+00
548	0.0000e+00	0.0000e+00	-5.2312e-04	-4.2385e-06	-3.9967e-06	0.0000e+00
549	0.0000e+00	0.0000e+00	-9.5875e-04	-2.9574e-06	-7.7644e-06	0.0000e+00
550	0.0000e+00	0.0000e+00	-1.0289e-03	-3.8320e-07	-7.5055e-06	0.0000e+00
551	0.0000e+00	0.0000e+00	-1.0125e-03	1.1440e-06	-7.2568e-06	0.0000e+00
552	0.0000e+00	0.0000e+00	-9.3512e-04	2.4072e-06	-7.1055e-06	0.0000e+00
553	0.0000e+00	0.0000e+00	-8.0498e-04	3.5257e-06	-7.1110e-06	0.0000e+00
554	0.0000e+00	0.0000e+00	-6.3050e-04	4.3929e-06	-7.2891e-06	0.0000e+00
555	0.0000e+00	0.0000e+00	-4.2821e-04	4.7533e-06	-7.6102e-06	0.0000e+00
556	0.0000e+00	0.0000e+00	-2.3012e-04	4.1452e-06	-8.0094e-06	0.0000e+00
557	0.0000e+00	0.0000e+00	-1.0155e-04	1.3823e-06	-8.4052e-06	0.0000e+00
558	0.0000e+00	0.0000e+00	8.3625e-03	-9.8734e-06	5.7321e-05	0.0000e+00
559	0.0000e+00	0.0000e+00	7.8121e-03	-1.4600e-05	5.3685e-05	0.0000e+00
560	0.0000e+00	0.0000e+00	1.0067e-02	-1.5433e-05	4.8788e-05	0.0000e+00
561	0.0000e+00	0.0000e+00	7.1882e-03	-1.3721e-05	5.0304e-05	0.0000e+00
562	0.0000e+00	0.0000e+00	9.3523e-03	-1.4617e-05	4.8192e-05	0.0000e+00
563	0.0000e+00	0.0000e+00	6.6603e-03	-1.0308e-05	4.7840e-05	0.0000e+00
564	0.0000e+00	0.0000e+00	8.7501e-03	-1.1229e-05	4.7355e-05	0.0000e+00
565	0.0000e+00	0.0000e+00	6.3107e-03	-5.6116e-06	4.6210e-05	0.0000e+00
566	0.0000e+00	0.0000e+00	8.3467e-03	-6.3972e-06	4.6564e-05	0.0000e+00
567	0.0000e+00	0.0000e+00	6.1753e-03	-5.6740e-07	4.5449e-05	0.0000e+00
568	0.0000e+00	0.0000e+00	8.1821e-03	-1.1407e-06	4.5997e-05	0.0000e+00
569	0.0000e+00	0.0000e+00	6.2505e-03	3.9724e-06	4.5551e-05	0.0000e+00
570	0.0000e+00	0.0000e+00	8.2533e-03	3.5739e-06	4.5689e-05	0.0000e+00
571	0.0000e+00	0.0000e+00	6.4955e-03	7.1575e-06	4.6444e-05	0.0000e+00
572	0.0000e+00	0.0000e+00	8.5157e-03	6.7710e-06	4.5530e-05	0.0000e+00
573	0.0000e+00	0.0000e+00	6.8306e-03	8.0697e-06	4.7973e-05	0.0000e+00
574	0.0000e+00	0.0000e+00	8.8813e-03	7.4020e-06	4.5256e-05	0.0000e+00
575	0.0000e+00	0.0000e+00	7.1320e-03	5.5792e-06	4.9935e-05	0.0000e+00
576	0.0000e+00	0.0000e+00	9.2139e-03	4.2681e-06	4.4464e-05	0.0000e+00
577	0.0000e+00	0.0000e+00	7.2101e-03	-2.1840e-06	5.0679e-05	0.0000e+00
578	0.0000e+00	0.0000e+00	5.9383e-03	-7.6351e-06	5.3189e-05	0.0000e+00
579	0.0000e+00	0.0000e+00	5.5310e-03	-1.0496e-05	5.0155e-05	0.0000e+00
580	0.0000e+00	0.0000e+00	5.0627e-03	-1.0359e-05	4.6510e-05	0.0000e+00
581	0.0000e+00	0.0000e+00	4.6551e-03	-7.9312e-06	4.3586e-05	0.0000e+00
582	0.0000e+00	0.0000e+00	4.3845e-03	-4.2756e-06	4.1657e-05	0.0000e+00
583	0.0000e+00	0.0000e+00	4.2844e-03	-2.8744e-07	4.0811e-05	0.0000e+00
584	0.0000e+00	0.0000e+00	4.3518e-03	3.2397e-06	4.1041e-05	0.0000e+00
585	0.0000e+00	0.0000e+00	4.5498e-03	5.5405e-06	4.2244e-05	0.0000e+00
586	0.0000e+00	0.0000e+00	4.8076e-03	5.8433e-06	4.4152e-05	0.0000e+00
587	0.0000e+00	0.0000e+00	5.0226e-03	3.4865e-06	4.6163e-05	0.0000e+00
588	0.0000e+00	0.0000e+00	5.0755e-03	-1.2706e-06	4.6673e-05	0.0000e+00
589	0.0000e+00	0.0000e+00	3.8070e-03	-5.7552e-06	4.4411e-05	0.0000e+00
590	0.0000e+00	0.0000e+00	3.5138e-03	-7.3443e-06	4.2128e-05	0.0000e+00
591	0.0000e+00	0.0000e+00	3.1859e-03	-7.2577e-06	3.9252e-05	0.0000e+00
592	0.0000e+00	0.0000e+00	2.8990e-03	-5.5699e-06	3.6668e-05	0.0000e+00
593	0.0000e+00	0.0000e+00	2.7104e-03	-2.9031e-06	3.4856e-05	0.0000e+00
594	0.0000e+00	0.0000e+00	2.6473e-03	2.7355e-08	3.4012e-05	0.0000e+00
595	0.0000e+00	0.0000e+00	2.7063e-03	2.5478e-06	3.4164e-05	0.0000e+00
596	0.0000e+00	0.0000e+00	2.8555e-03	4.0430e-06	3.5184e-05	0.0000e+00
597	0.0000e+00	0.0000e+00	3.0383e-03	4.0049e-06	3.6732e-05	0.0000e+00
598	0.0000e+00	0.0000e+00	3.1813e-03	2.2424e-06	3.8147e-05	0.0000e+00
599	0.0000e+00	0.0000e+00	3.2173e-03	-6.6780e-07	3.8474e-05	0.0000e+00
600	0.0000e+00	0.0000e+00	2.0896e-03	-4.2841e-06	3.4442e-05	0.0000e+00
601	0.0000e+00	0.0000e+00	1.8803e-03	-5.0623e-06	3.2835e-05	0.0000e+00
602	0.0000e+00	0.0000e+00	1.6582e-03	-4.8214e-06	3.0780e-05	0.0000e+00
603	0.0000e+00	0.0000e+00	1.4702e-03	-3.5596e-06	2.8789e-05	0.0000e+00
604	0.0000e+00	0.0000e+00	1.3538e-03	-1.6490e-06	2.7275e-05	0.0000e+00
605	0.0000e+00	0.0000e+00	1.3266e-03	3.9799e-07	2.6471e-05	0.0000e+00
606	0.0000e+00	0.0000e+00	1.3830e-03	2.0690e-06	2.6441e-05	0.0000e+00
607	0.0000e+00	0.0000e+00	1.4965e-03	2.9256e-06	2.7083e-05	0.0000e+00
608	0.0000e+00	0.0000e+00	1.6243e-03	2.6948e-06	2.8112e-05	0.0000e+00
609	0.0000e+00	0.0000e+00	1.7181e-03	1.4227e-06	2.9048e-05	0.0000e+00
610	0.0000e+00	0.0000e+00	1.7414e-03	-3.7255e-07	2.9335e-05	0.0000e+00
611	0.0000e+00	0.0000e+00	7.9904e-04	-3.2787e-06	2.4932e-05	0.0000e+00
612	0.0000e+00	0.0000e+00	6.4588e-04	-3.5424e-06	2.3954e-05	0.0000e+00
613	0.0000e+00	0.0000e+00	4.9662e-04	-3.0894e-06	2.2614e-05	0.0000e+00
614	0.0000e+00	0.0000e+00	3.8214e-04	-2.0019e-06	2.1181e-05	0.0000e+00
615	0.0000e+00	0.0000e+00	3.2465e-04	-5.6494e-07	1.9966e-05	0.0000e+00
616	0.0000e+00	0.0000e+00	3.3158e-04	8.5567e-07	1.9190e-05	0.0000e+00
617	0.0000e+00	0.0000e+00	3.9412e-04	1.8980e-06	1.8945e-05	0.0000e+00
618	0.0000e+00	0.0000e+00	4.8883e-04	2.2742e-06	1.9189e-05	0.0000e+00

619	0.0000e+00	0.0000e+00	5.8289e-04	1.8663e-06	1.9757e-05	0.0000e+00
620	0.0000e+00	0.0000e+00	6.4401e-04	8.3492e-07	2.0382e-05	0.0000e+00
621	0.0000e+00	0.0000e+00	6.5393e-04	-3.5429e-07	2.0734e-05	0.0000e+00
622	0.0000e+00	0.0000e+00	-1.0162e-04	-2.7958e-06	1.6579e-05	0.0000e+00
623	0.0000e+00	0.0000e+00	-2.2560e-04	-2.6899e-06	1.6230e-05	0.0000e+00
624	0.0000e+00	0.0000e+00	-3.3018e-04	-1.9462e-06	1.5487e-05	0.0000e+00
625	0.0000e+00	0.0000e+00	-3.9255e-04	-8.2607e-07	1.4482e-05	0.0000e+00
626	0.0000e+00	0.0000e+00	-4.0254e-04	3.8273e-07	1.3485e-05	0.0000e+00
627	0.0000e+00	0.0000e+00	-3.6207e-04	1.4183e-06	1.2710e-05	0.0000e+00
628	0.0000e+00	0.0000e+00	-2.8417e-04	2.0375e-06	1.2253e-05	0.0000e+00
629	0.0000e+00	0.0000e+00	-1.9174e-04	2.0461e-06	1.2129e-05	0.0000e+00
630	0.0000e+00	0.0000e+00	-1.1355e-04	1.3981e-06	1.2310e-05	0.0000e+00
631	0.0000e+00	0.0000e+00	-7.4725e-05	3.2786e-07	1.2744e-05	0.0000e+00
632	0.0000e+00	0.0000e+00	-8.3074e-05	-6.3425e-07	1.3261e-05	0.0000e+00
633	0.0000e+00	0.0000e+00	-6.6573e-04	-2.9339e-06	9.4617e-06	0.0000e+00
634	0.0000e+00	0.0000e+00	-7.8870e-04	-2.4488e-06	9.8090e-06	0.0000e+00
635	0.0000e+00	0.0000e+00	-8.7175e-04	-1.2397e-06	9.5331e-06	0.0000e+00
636	0.0000e+00	0.0000e+00	-8.9720e-04	9.1155e-08	8.7920e-06	0.0000e+00
637	0.0000e+00	0.0000e+00	-8.6735e-04	1.2449e-06	7.9322e-06	0.0000e+00
638	0.0000e+00	0.0000e+00	-7.9316e-04	2.0818e-06	7.1569e-06	0.0000e+00
639	0.0000e+00	0.0000e+00	-6.9154e-04	2.4574e-06	6.5326e-06	0.0000e+00
640	0.0000e+00	0.0000e+00	-5.8644e-04	2.2031e-06	6.0793e-06	0.0000e+00
641	0.0000e+00	0.0000e+00	-5.0815e-04	1.2337e-06	5.8815e-06	0.0000e+00
642	0.0000e+00	0.0000e+00	-4.8464e-04	-2.0023e-07	6.1528e-06	0.0000e+00
643	0.0000e+00	0.0000e+00	-5.2089e-04	-1.3026e-06	6.9657e-06	0.0000e+00
644	0.0000e+00	0.0000e+00	-9.4078e-04	-3.9546e-06	3.2599e-06	0.0000e+00
645	0.0000e+00	0.0000e+00	-1.0958e-03	-2.7683e-06	4.4848e-06	0.0000e+00
646	0.0000e+00	0.0000e+00	-1.1730e-03	-7.6560e-07	4.4041e-06	0.0000e+00
647	0.0000e+00	0.0000e+00	-1.1694e-03	8.6475e-07	3.7505e-06	0.0000e+00
648	0.0000e+00	0.0000e+00	-1.1052e-03	2.0216e-06	3.0271e-06	0.0000e+00
649	0.0000e+00	0.0000e+00	-9.9878e-04	2.7811e-06	2.3397e-06	0.0000e+00
650	0.0000e+00	0.0000e+00	-8.6849e-04	3.0793e-06	1.6723e-06	0.0000e+00
651	0.0000e+00	0.0000e+00	-7.3837e-04	2.7249e-06	9.9034e-07	0.0000e+00
652	0.0000e+00	0.0000e+00	-6.4296e-04	1.4362e-06	3.5971e-07	0.0000e+00
653	0.0000e+00	0.0000e+00	-6.2539e-04	-7.8107e-07	2.8016e-07	0.0000e+00
654	0.0000e+00	0.0000e+00	-7.0574e-04	-2.6158e-06	1.5855e-06	0.0000e+00
655	0.0000e+00	0.0000e+00	-9.5489e-04	-6.3982e-06	-2.5340e-06	0.0000e+00
656	0.0000e+00	0.0000e+00	-1.1852e-03	-3.1081e-06	-1.8679e-07	0.0000e+00
657	0.0000e+00	0.0000e+00	-1.2526e-03	-1.8517e-07	-8.5030e-07	0.0000e+00
658	0.0000e+00	0.0000e+00	-1.2232e-03	1.4740e-06	-1.3414e-06	0.0000e+00
659	0.0000e+00	0.0000e+00	-1.1337e-03	2.5916e-06	-1.7384e-06	0.0000e+00
660	0.0000e+00	0.0000e+00	-1.0028e-03	3.3542e-06	-2.1411e-06	0.0000e+00
661	0.0000e+00	0.0000e+00	-8.4653e-04	3.7178e-06	-2.6262e-06	0.0000e+00
662	0.0000e+00	0.0000e+00	-6.8654e-04	3.4833e-06	-3.2647e-06	0.0000e+00
663	0.0000e+00	0.0000e+00	-5.5707e-04	2.2517e-06	-4.1427e-06	0.0000e+00
664	0.0000e+00	0.0000e+00	-5.1924e-04	-8.9404e-07	-5.2967e-06	0.0000e+00
665	0.0000e+00	0.0000e+00	-6.6979e-04	-5.0924e-06	-3.2854e-06	0.0000e+00
666	0.0000e+00	0.0000e+00	-1.0139e-03	-2.8760e-06	-7.9781e-06	0.0000e+00
667	0.0000e+00	0.0000e+00	-1.0742e-03	-2.8865e-08	-7.5148e-06	0.0000e+00
668	0.0000e+00	0.0000e+00	-1.0408e-03	1.5576e-06	-7.1237e-06	0.0000e+00
669	0.0000e+00	0.0000e+00	-9.4746e-04	2.7145e-06	-6.8666e-06	0.0000e+00
670	0.0000e+00	0.0000e+00	-8.0916e-04	3.5833e-06	-6.7811e-06	0.0000e+00
671	0.0000e+00	0.0000e+00	-6.4009e-04	4.0866e-06	-6.8659e-06	0.0000e+00
672	0.0000e+00	0.0000e+00	-4.6078e-04	4.0190e-06	-7.0796e-06	0.0000e+00
673	0.0000e+00	0.0000e+00	-3.0427e-04	3.0051e-06	-7.3545e-06	0.0000e+00
674	0.0000e+00	0.0000e+00	-2.3161e-04	2.1579e-08	-7.6189e-06	0.0000e+00
675	0.0000e+00	0.0000e+00	6.9915e-03	-8.2517e-06	4.8260e-05	0.0000e+00
676	0.0000e+00	0.0000e+00	9.0030e-03	-8.6738e-06	4.3097e-05	0.0000e+00
677	0.0000e+00	0.0000e+00	6.6408e-03	-9.1947e-06	4.5627e-05	0.0000e+00
678	0.0000e+00	0.0000e+00	8.5858e-03	-9.7258e-06	4.2852e-05	0.0000e+00
679	0.0000e+00	0.0000e+00	6.3057e-03	-7.5552e-06	4.3577e-05	0.0000e+00
680	0.0000e+00	0.0000e+00	8.1911e-03	-8.2614e-06	4.2267e-05	0.0000e+00
681	0.0000e+00	0.0000e+00	6.0677e-03	-4.3467e-06	4.2006e-05	0.0000e+00
682	0.0000e+00	0.0000e+00	7.9018e-03	-5.1116e-06	4.1541e-05	0.0000e+00
683	0.0000e+00	0.0000e+00	5.9751e-03	-2.8292e-07	4.0921e-05	0.0000e+00
684	0.0000e+00	0.0000e+00	7.7694e-03	-1.0386e-06	4.0826e-05	0.0000e+00
685	0.0000e+00	0.0000e+00	6.0491e-03	3.9867e-06	4.0302e-05	0.0000e+00
686	0.0000e+00	0.0000e+00	7.8160e-03	3.2352e-06	4.0190e-05	0.0000e+00
687	0.0000e+00	0.0000e+00	6.2853e-03	7.8157e-06	4.0080e-05	0.0000e+00
688	0.0000e+00	0.0000e+00	8.0355e-03	6.9956e-06	3.9635e-05	0.0000e+00
689	0.0000e+00	0.0000e+00	6.6523e-03	1.0501e-05	4.0127e-05	0.0000e+00
690	0.0000e+00	0.0000e+00	8.3932e-03	9.5093e-06	3.9122e-05	0.0000e+00

691	0.0000e+00	0.0000e+00	7.0869e-03	1.1107e-05	4.0397e-05	0.0000e+00
692	0.0000e+00	0.0000e+00	8.8242e-03	1.0006e-05	3.8690e-05	0.0000e+00
693	0.0000e+00	0.0000e+00	7.4849e-03	8.4873e-06	3.9295e-05	0.0000e+00
694	0.0000e+00	0.0000e+00	4.9429e-03	-5.0285e-06	4.4978e-05	0.0000e+00
695	0.0000e+00	0.0000e+00	4.7081e-03	-6.2842e-06	4.2391e-05	0.0000e+00
696	0.0000e+00	0.0000e+00	4.4716e-03	-5.2661e-06	4.0053e-05	0.0000e+00
697	0.0000e+00	0.0000e+00	4.3085e-03	-2.7266e-06	3.8259e-05	0.0000e+00
698	0.0000e+00	0.0000e+00	4.2656e-03	6.6707e-07	3.7099e-05	0.0000e+00
699	0.0000e+00	0.0000e+00	4.3651e-03	4.3191e-06	3.6572e-05	0.0000e+00
700	0.0000e+00	0.0000e+00	4.6055e-03	7.6456e-06	3.6610e-05	0.0000e+00
701	0.0000e+00	0.0000e+00	4.9613e-03	1.0009e-05	3.7063e-05	0.0000e+00
702	0.0000e+00	0.0000e+00	5.3794e-03	1.0649e-05	3.7806e-05	0.0000e+00
703	0.0000e+00	0.0000e+00	5.7686e-03	8.4897e-06	3.7500e-05	0.0000e+00
704	0.0000e+00	0.0000e+00	3.1414e-03	-2.9317e-06	3.7452e-05	0.0000e+00
705	0.0000e+00	0.0000e+00	3.0005e-03	-3.8172e-06	3.5662e-05	0.0000e+00
706	0.0000e+00	0.0000e+00	2.8565e-03	-3.1287e-06	3.3779e-05	0.0000e+00
707	0.0000e+00	0.0000e+00	2.7665e-03	-1.1953e-06	3.2244e-05	0.0000e+00
708	0.0000e+00	0.0000e+00	2.7706e-03	1.4985e-06	3.1271e-05	0.0000e+00
709	0.0000e+00	0.0000e+00	2.8892e-03	4.4569e-06	3.0935e-05	0.0000e+00
710	0.0000e+00	0.0000e+00	3.1227e-03	7.1813e-06	3.1226e-05	0.0000e+00
711	0.0000e+00	0.0000e+00	3.4510e-03	9.1333e-06	3.2028e-05	0.0000e+00
712	0.0000e+00	0.0000e+00	3.8310e-03	9.6826e-06	3.3203e-05	0.0000e+00
713	0.0000e+00	0.0000e+00	4.1881e-03	7.9036e-06	3.3740e-05	0.0000e+00
714	0.0000e+00	0.0000e+00	1.6978e-03	-1.6756e-06	2.8817e-05	0.0000e+00
715	0.0000e+00	0.0000e+00	1.6178e-03	-2.1128e-06	2.7746e-05	0.0000e+00
716	0.0000e+00	0.0000e+00	1.5415e-03	-1.5035e-06	2.6488e-05	0.0000e+00
717	0.0000e+00	0.0000e+00	1.5085e-03	1.6731e-09	2.5396e-05	0.0000e+00
718	0.0000e+00	0.0000e+00	1.5485e-03	2.0816e-06	2.4720e-05	0.0000e+00
719	0.0000e+00	0.0000e+00	1.6768e-03	4.3566e-06	2.4602e-05	0.0000e+00
720	0.0000e+00	0.0000e+00	1.8932e-03	6.4271e-06	2.5094e-05	0.0000e+00
721	0.0000e+00	0.0000e+00	2.1809e-03	7.8679e-06	2.6142e-05	0.0000e+00
722	0.0000e+00	0.0000e+00	2.5054e-03	8.2053e-06	2.7619e-05	0.0000e+00
723	0.0000e+00	0.0000e+00	2.8096e-03	6.8130e-06	2.8765e-05	0.0000e+00
724	0.0000e+00	0.0000e+00	6.2332e-04	-1.0601e-06	2.0627e-05	0.0000e+00
725	0.0000e+00	0.0000e+00	5.7681e-04	-1.1132e-06	2.0125e-05	0.0000e+00
726	0.0000e+00	0.0000e+00	5.4273e-04	-4.4917e-07	1.9401e-05	0.0000e+00
727	0.0000e+00	0.0000e+00	5.4778e-04	8.0385e-07	1.8713e-05	0.0000e+00
728	0.0000e+00	0.0000e+00	6.1100e-04	2.4091e-06	1.8297e-05	0.0000e+00
729	0.0000e+00	0.0000e+00	7.4080e-04	4.0802e-06	1.8326e-05	0.0000e+00
730	0.0000e+00	0.0000e+00	9.3362e-04	5.5111e-06	1.8900e-05	0.0000e+00
731	0.0000e+00	0.0000e+00	1.1735e-03	6.3935e-06	2.0026e-05	0.0000e+00
732	0.0000e+00	0.0000e+00	1.4326e-03	6.4358e-06	2.1613e-05	0.0000e+00
733	0.0000e+00	0.0000e+00	1.6706e-03	5.3421e-06	2.3131e-05	0.0000e+00
734	0.0000e+00	0.0000e+00	-1.1755e-04	-9.5933e-07	1.3549e-05	0.0000e+00
735	0.0000e+00	0.0000e+00	-1.5228e-04	-6.5535e-07	1.3488e-05	0.0000e+00
736	0.0000e+00	0.0000e+00	-1.6389e-04	1.6347e-07	1.3139e-05	0.0000e+00
737	0.0000e+00	0.0000e+00	-1.3545e-04	1.3098e-06	1.2714e-05	0.0000e+00
738	0.0000e+00	0.0000e+00	-5.7852e-05	2.5819e-06	1.2438e-05	0.0000e+00
739	0.0000e+00	0.0000e+00	6.9626e-05	3.7608e-06	1.2489e-05	0.0000e+00
740	0.0000e+00	0.0000e+00	2.3859e-04	4.6133e-06	1.2986e-05	0.0000e+00
741	0.0000e+00	0.0000e+00	4.3148e-04	4.9267e-06	1.3996e-05	0.0000e+00
742	0.0000e+00	0.0000e+00	6.2376e-04	4.5806e-06	1.5502e-05	0.0000e+00
743	0.0000e+00	0.0000e+00	7.8840e-04	3.5989e-06	1.7198e-05	0.0000e+00
744	0.0000e+00	0.0000e+00	-5.7706e-04	-1.3162e-06	7.7182e-06	0.0000e+00
745	0.0000e+00	0.0000e+00	-6.1665e-04	-5.6475e-07	7.9806e-06	0.0000e+00
746	0.0000e+00	0.0000e+00	-6.1811e-04	5.2296e-07	7.8176e-06	0.0000e+00
747	0.0000e+00	0.0000e+00	-5.7424e-04	1.6733e-06	7.4968e-06	0.0000e+00
748	0.0000e+00	0.0000e+00	-4.8567e-04	2.7345e-06	7.2435e-06	0.0000e+00
749	0.0000e+00	0.0000e+00	-3.5882e-04	3.5516e-06	7.2019e-06	0.0000e+00
750	0.0000e+00	0.0000e+00	-2.0719e-04	3.9294e-06	7.4774e-06	0.0000e+00
751	0.0000e+00	0.0000e+00	-5.2191e-05	3.6883e-06	8.1778e-06	0.0000e+00
752	0.0000e+00	0.0000e+00	8.0132e-05	2.8165e-06	9.4190e-06	0.0000e+00
753	0.0000e+00	0.0000e+00	1.6924e-04	1.6432e-06	1.1157e-05	0.0000e+00
754	0.0000e+00	0.0000e+00	-8.0626e-04	-2.1026e-06	2.9846e-06	0.0000e+00
755	0.0000e+00	0.0000e+00	-8.6078e-04	-6.1724e-07	3.3375e-06	0.0000e+00
756	0.0000e+00	0.0000e+00	-8.5566e-04	8.2564e-07	3.1376e-06	0.0000e+00
757	0.0000e+00	0.0000e+00	-7.9844e-04	2.0092e-06	2.8268e-06	0.0000e+00
758	0.0000e+00	0.0000e+00	-6.9871e-04	2.9468e-06	2.5648e-06	0.0000e+00
759	0.0000e+00	0.0000e+00	-5.6755e-04	3.5494e-06	2.4081e-06	0.0000e+00
760	0.0000e+00	0.0000e+00	-4.2187e-04	3.6206e-06	2.3980e-06	0.0000e+00
761	0.0000e+00	0.0000e+00	-2.8788e-04	2.9050e-06	2.6283e-06	0.0000e+00
762	0.0000e+00	0.0000e+00	-1.9992e-04	1.3159e-06	3.3700e-06	0.0000e+00

763	0.0000e+00	0.0000e+00	-1.8553e-04	-5.5317e-07	5.0710e-06	0.0000e+00
764	0.0000e+00	0.0000e+00	-8.4618e-04	-2.9135e-06	-9.1960e-07	0.0000e+00
765	0.0000e+00	0.0000e+00	-9.0783e-04	-3.7471e-07	-1.2632e-06	0.0000e+00
766	0.0000e+00	0.0000e+00	-8.9141e-04	1.1513e-06	-1.5486e-06	0.0000e+00
767	0.0000e+00	0.0000e+00	-8.2260e-04	2.2872e-06	-1.7393e-06	0.0000e+00
768	0.0000e+00	0.0000e+00	-7.1333e-04	3.1669e-06	-1.8915e-06	0.0000e+00
769	0.0000e+00	0.0000e+00	-5.7483e-04	3.7151e-06	-2.0504e-06	0.0000e+00
770	0.0000e+00	0.0000e+00	-4.2426e-04	3.7167e-06	-2.2428e-06	0.0000e+00
771	0.0000e+00	0.0000e+00	-2.9000e-04	2.8205e-06	-2.4675e-06	0.0000e+00
772	0.0000e+00	0.0000e+00	-2.1866e-04	4.3736e-07	-2.6029e-06	0.0000e+00
773	0.0000e+00	0.0000e+00	-2.7442e-04	-3.1771e-06	-1.0833e-06	0.0000e+00
774	0.0000e+00	0.0000e+00	-6.7162e-04	-2.6280e-06	-7.5362e-06	0.0000e+00
775	0.0000e+00	0.0000e+00	-7.2664e-04	-2.7355e-07	-7.2093e-06	0.0000e+00
776	0.0000e+00	0.0000e+00	-7.0941e-04	1.1517e-06	-6.8862e-06	0.0000e+00
777	0.0000e+00	0.0000e+00	-6.4150e-04	2.2778e-06	-6.6184e-06	0.0000e+00
778	0.0000e+00	0.0000e+00	-5.3197e-04	3.2134e-06	-6.4539e-06	0.0000e+00
779	0.0000e+00	0.0000e+00	-3.9011e-04	3.8574e-06	-6.4282e-06	0.0000e+00
780	0.0000e+00	0.0000e+00	-2.3207e-04	3.9702e-06	-6.5533e-06	0.0000e+00
781	0.0000e+00	0.0000e+00	-8.6460e-05	3.1641e-06	-6.8074e-06	0.0000e+00
782	0.0000e+00	0.0000e+00	-2.3589e-06	7.4031e-07	-7.1238e-06	0.0000e+00
783	0.0000e+00	0.0000e+00	8.2744e-03	-3.2679e-06	5.6841e-05	0.0000e+00
784	0.0000e+00	0.0000e+00	1.0667e-02	-2.3841e-06	5.1846e-05	0.0000e+00
785	0.0000e+00	0.0000e+00	8.1211e-03	-3.6577e-06	5.5394e-05	0.0000e+00
786	0.0000e+00	0.0000e+00	1.0498e-02	-2.9536e-06	5.2759e-05	0.0000e+00
787	0.0000e+00	0.0000e+00	8.0061e-03	-1.5984e-06	5.4765e-05	0.0000e+00
788	0.0000e+00	0.0000e+00	1.0380e-02	-1.1371e-06	5.3306e-05	0.0000e+00
789	0.0000e+00	0.0000e+00	8.0030e-03	1.4560e-06	5.4840e-05	0.0000e+00
790	0.0000e+00	0.0000e+00	1.0386e-02	1.7281e-06	5.3662e-05	0.0000e+00
791	0.0000e+00	0.0000e+00	8.1289e-03	4.2968e-06	5.5606e-05	0.0000e+00
792	0.0000e+00	0.0000e+00	1.0534e-02	4.3383e-06	5.3876e-05	0.0000e+00
793	0.0000e+00	0.0000e+00	8.3481e-03	5.7181e-06	5.6999e-05	0.0000e+00
794	0.0000e+00	0.0000e+00	1.0785e-02	5.3617e-06	5.3814e-05	0.0000e+00
795	0.0000e+00	0.0000e+00	8.5694e-03	4.3498e-06	5.8909e-05	0.0000e+00
796	0.0000e+00	0.0000e+00	1.1041e-02	3.3593e-06	5.3203e-05	0.0000e+00
797	0.0000e+00	0.0000e+00	8.6271e-03	-1.8788e-06	5.9840e-05	0.0000e+00
798	0.0000e+00	0.0000e+00	5.8678e-03	-1.2633e-06	5.2716e-05	0.0000e+00
799	0.0000e+00	0.0000e+00	5.7811e-03	-2.2718e-06	5.1180e-05	0.0000e+00
800	0.0000e+00	0.0000e+00	5.7026e-03	-1.1034e-06	5.0233e-05	0.0000e+00
801	0.0000e+00	0.0000e+00	5.6999e-03	1.0256e-06	5.0159e-05	0.0000e+00
802	0.0000e+00	0.0000e+00	5.7900e-03	2.9857e-06	5.0995e-05	0.0000e+00
803	0.0000e+00	0.0000e+00	5.9421e-03	3.7123e-06	5.2578e-05	0.0000e+00
804	0.0000e+00	0.0000e+00	6.0823e-03	2.2994e-06	5.4400e-05	0.0000e+00
805	0.0000e+00	0.0000e+00	6.1099e-03	-1.2040e-06	5.4978e-05	0.0000e+00
806	0.0000e+00	0.0000e+00	3.7581e-03	-2.6660e-07	4.3813e-05	0.0000e+00
807	0.0000e+00	0.0000e+00	3.7211e-03	-1.1578e-06	4.2957e-05	0.0000e+00
808	0.0000e+00	0.0000e+00	3.6788e-03	-6.0144e-07	4.2242e-05	0.0000e+00
809	0.0000e+00	0.0000e+00	3.6799e-03	6.9239e-07	4.2144e-05	0.0000e+00
810	0.0000e+00	0.0000e+00	3.7379e-03	1.8670e-06	4.2779e-05	0.0000e+00
811	0.0000e+00	0.0000e+00	3.8302e-03	2.1616e-06	4.3960e-05	0.0000e+00
812	0.0000e+00	0.0000e+00	3.9074e-03	1.1550e-06	4.5142e-05	0.0000e+00
813	0.0000e+00	0.0000e+00	3.9164e-03	-8.0518e-07	4.5491e-05	0.0000e+00
814	0.0000e+00	0.0000e+00	2.0713e-03	7.1298e-08	3.3610e-05	0.0000e+00
815	0.0000e+00	0.0000e+00	2.0579e-03	-5.2048e-07	3.3292e-05	0.0000e+00
816	0.0000e+00	0.0000e+00	2.0387e-03	-2.4183e-07	3.2896e-05	0.0000e+00
817	0.0000e+00	0.0000e+00	2.0437e-03	4.8915e-07	3.2803e-05	0.0000e+00
818	0.0000e+00	0.0000e+00	2.0802e-03	1.1074e-06	3.3164e-05	0.0000e+00
819	0.0000e+00	0.0000e+00	2.1325e-03	1.1491e-06	3.3874e-05	0.0000e+00
820	0.0000e+00	0.0000e+00	2.1703e-03	4.6235e-07	3.4588e-05	0.0000e+00
821	0.0000e+00	0.0000e+00	2.1667e-03	-6.4036e-07	3.4855e-05	0.0000e+00
822	0.0000e+00	0.0000e+00	8.2157e-04	-2.6805e-09	2.3903e-05	0.0000e+00
823	0.0000e+00	0.0000e+00	8.1339e-04	-2.6841e-07	2.3931e-05	0.0000e+00
824	0.0000e+00	0.0000e+00	8.0580e-04	-1.6216e-08	2.3744e-05	0.0000e+00
825	0.0000e+00	0.0000e+00	8.1517e-04	4.3851e-07	2.3609e-05	0.0000e+00
826	0.0000e+00	0.0000e+00	8.4202e-04	7.2022e-07	2.3699e-05	0.0000e+00
827	0.0000e+00	0.0000e+00	8.7234e-04	5.7377e-07	2.4030e-05	0.0000e+00
828	0.0000e+00	0.0000e+00	8.8633e-04	6.7153e-09	2.4463e-05	0.0000e+00
829	0.0000e+00	0.0000e+00	8.7117e-04	-6.7896e-07	2.4761e-05	0.0000e+00
830	0.0000e+00	0.0000e+00	-3.2456e-05	-3.5140e-07	1.5509e-05	0.0000e+00
831	0.0000e+00	0.0000e+00	-4.7170e-05	-2.4451e-07	1.5757e-05	0.0000e+00
832	0.0000e+00	0.0000e+00	-4.9091e-05	1.7577e-07	1.5643e-05	0.0000e+00
833	0.0000e+00	0.0000e+00	-3.1864e-05	5.7341e-07	1.5388e-05	0.0000e+00
834	0.0000e+00	0.0000e+00	-3.0939e-06	6.6184e-07	1.5200e-05	0.0000e+00

835	0.0000e+00	0.0000e+00	1.9860e-05	3.0295e-07	1.5216e-05	0.0000e+00
836	0.0000e+00	0.0000e+00	1.8961e-05	-3.7407e-07	1.5492e-05	0.0000e+00
837	0.0000e+00	0.0000e+00	-1.1532e-05	-9.5676e-07	1.5938e-05	0.0000e+00
838	0.0000e+00	0.0000e+00	-5.5361e-04	-9.3786e-07	8.6393e-06	0.0000e+00
839	0.0000e+00	0.0000e+00	-5.8231e-04	-3.1194e-07	9.0160e-06	0.0000e+00
840	0.0000e+00	0.0000e+00	-5.7878e-04	4.4734e-07	8.8377e-06	0.0000e+00
841	0.0000e+00	0.0000e+00	-5.4693e-04	9.3846e-07	8.3940e-06	0.0000e+00
842	0.0000e+00	0.0000e+00	-5.0394e-04	9.2440e-07	7.9128e-06	0.0000e+00
843	0.0000e+00	0.0000e+00	-4.7509e-04	2.8522e-07	7.6046e-06	0.0000e+00
844	0.0000e+00	0.0000e+00	-4.8540e-04	-7.9031e-07	7.7550e-06	0.0000e+00
845	0.0000e+00	0.0000e+00	-5.4047e-04	-1.5905e-06	8.5002e-06	0.0000e+00
846	0.0000e+00	0.0000e+00	-8.0552e-04	-1.7645e-06	3.1627e-06	0.0000e+00
847	0.0000e+00	0.0000e+00	-8.5026e-04	-3.0650e-07	3.4537e-06	0.0000e+00
848	0.0000e+00	0.0000e+00	-8.3557e-04	8.8799e-07	3.0643e-06	0.0000e+00
849	0.0000e+00	0.0000e+00	-7.8090e-04	1.5300e-06	2.4580e-06	0.0000e+00
850	0.0000e+00	0.0000e+00	-7.1207e-04	1.5102e-06	1.7578e-06	0.0000e+00
851	0.0000e+00	0.0000e+00	-6.6269e-04	5.8175e-07	1.0813e-06	0.0000e+00
852	0.0000e+00	0.0000e+00	-6.7485e-04	-1.2829e-06	9.3219e-07	0.0000e+00
853	0.0000e+00	0.0000e+00	-7.7119e-04	-2.8798e-06	2.1949e-06	0.0000e+00
854	0.0000e+00	0.0000e+00	-8.4205e-04	-2.3794e-06	-1.2239e-06	0.0000e+00
855	0.0000e+00	0.0000e+00	-8.8662e-04	1.0155e-07	-1.8198e-06	0.0000e+00
856	0.0000e+00	0.0000e+00	-8.5096e-04	1.4496e-06	-2.3588e-06	0.0000e+00
857	0.0000e+00	0.0000e+00	-7.7075e-04	2.1744e-06	-2.8750e-06	0.0000e+00
858	0.0000e+00	0.0000e+00	-6.7219e-04	2.2709e-06	-3.4800e-06	0.0000e+00
859	0.0000e+00	0.0000e+00	-5.8894e-04	1.4034e-06	-4.2919e-06	0.0000e+00
860	0.0000e+00	0.0000e+00	-5.8024e-04	-1.3511e-06	-5.3958e-06	0.0000e+00
861	0.0000e+00	0.0000e+00	-7.4454e-04	-5.3201e-06	-3.3706e-06	0.0000e+00
862	0.0000e+00	0.0000e+00	-6.4538e-04	-1.8802e-06	-8.1146e-06	0.0000e+00
863	0.0000e+00	0.0000e+00	-6.7184e-04	4.9595e-07	-8.2014e-06	0.0000e+00
864	0.0000e+00	0.0000e+00	-6.2236e-04	1.7481e-06	-8.2150e-06	0.0000e+00
865	0.0000e+00	0.0000e+00	-5.2956e-04	2.4894e-06	-8.2302e-06	0.0000e+00
866	0.0000e+00	0.0000e+00	-4.1578e-04	2.6878e-06	-8.2784e-06	0.0000e+00
867	0.0000e+00	0.0000e+00	-3.1162e-04	2.0026e-06	-8.3377e-06	0.0000e+00
868	0.0000e+00	0.0000e+00	-2.7530e-04	-6.0852e-07	-8.3497e-06	0.0000e+00
869	0.0000e+00	0.0000e+00	8.4270e-03	-6.6755e-06	5.7570e-05	0.0000e+00
870	0.0000e+00	0.0000e+00	1.0853e-02	-6.4829e-06	5.2667e-05	0.0000e+00
871	0.0000e+00	0.0000e+00	8.1452e-03	-6.1524e-06	5.5592e-05	0.0000e+00
872	0.0000e+00	0.0000e+00	1.0533e-02	-6.0756e-06	5.3065e-05	0.0000e+00
873	0.0000e+00	0.0000e+00	7.9336e-03	-3.5368e-06	5.4501e-05	0.0000e+00
874	0.0000e+00	0.0000e+00	1.0297e-02	-3.6519e-06	5.3140e-05	0.0000e+00
875	0.0000e+00	0.0000e+00	7.8509e-03	-2.6176e-07	5.4156e-05	0.0000e+00
876	0.0000e+00	0.0000e+00	1.0205e-02	-5.2861e-07	5.3055e-05	0.0000e+00
877	0.0000e+00	0.0000e+00	7.9000e-03	2.4899e-06	5.4522e-05	0.0000e+00
878	0.0000e+00	0.0000e+00	1.0259e-02	2.0176e-06	5.2850e-05	0.0000e+00
879	0.0000e+00	0.0000e+00	8.0324e-03	3.5451e-06	5.5513e-05	0.0000e+00
880	0.0000e+00	0.0000e+00	1.0405e-02	2.6888e-06	5.2381e-05	0.0000e+00
881	0.0000e+00	0.0000e+00	8.1457e-03	1.5674e-06	5.7007e-05	0.0000e+00
882	0.0000e+00	0.0000e+00	1.0535e-02	8.6955e-08	5.1361e-05	0.0000e+00
883	0.0000e+00	0.0000e+00	5.9874e-03	-4.0645e-06	5.3491e-05	0.0000e+00
884	0.0000e+00	0.0000e+00	5.7962e-03	-4.2884e-06	5.1397e-05	0.0000e+00
885	0.0000e+00	0.0000e+00	5.6410e-03	-2.6310e-06	5.0001e-05	0.0000e+00
886	0.0000e+00	0.0000e+00	5.5764e-03	-3.1427e-07	4.9538e-05	0.0000e+00
887	0.0000e+00	0.0000e+00	5.6065e-03	1.5514e-06	5.0007e-05	0.0000e+00
888	0.0000e+00	0.0000e+00	5.6890e-03	1.9321e-06	5.1210e-05	0.0000e+00
889	0.0000e+00	0.0000e+00	5.7397e-03	-3.5488e-08	5.2604e-05	0.0000e+00
890	0.0000e+00	0.0000e+00	3.8420e-03	-2.4218e-06	4.4653e-05	0.0000e+00
891	0.0000e+00	0.0000e+00	3.7249e-03	-2.6866e-06	4.3251e-05	0.0000e+00
892	0.0000e+00	0.0000e+00	3.6250e-03	-1.7317e-06	4.2117e-05	0.0000e+00
893	0.0000e+00	0.0000e+00	3.5805e-03	-2.9279e-07	4.1667e-05	0.0000e+00
894	0.0000e+00	0.0000e+00	3.5937e-03	7.8410e-07	4.1974e-05	0.0000e+00
895	0.0000e+00	0.0000e+00	3.6324e-03	7.6986e-07	4.2807e-05	0.0000e+00
896	0.0000e+00	0.0000e+00	3.6389e-03	-6.9955e-07	4.3574e-05	0.0000e+00
897	0.0000e+00	0.0000e+00	2.1177e-03	-1.4913e-06	3.4468e-05	0.0000e+00
898	0.0000e+00	0.0000e+00	2.0468e-03	-1.6003e-06	3.3668e-05	0.0000e+00
899	0.0000e+00	0.0000e+00	1.9874e-03	-1.0167e-06	3.2901e-05	0.0000e+00
900	0.0000e+00	0.0000e+00	1.9611e-03	-1.8689e-07	3.2505e-05	0.0000e+00
901	0.0000e+00	0.0000e+00	1.9663e-03	3.3129e-07	3.2588e-05	0.0000e+00
902	0.0000e+00	0.0000e+00	1.9791e-03	1.0751e-07	3.3002e-05	0.0000e+00
903	0.0000e+00	0.0000e+00	1.9632e-03	-9.5045e-07	3.3355e-05	0.0000e+00
904	0.0000e+00	0.0000e+00	8.3096e-04	-1.0705e-06	2.4726e-05	0.0000e+00
905	0.0000e+00	0.0000e+00	7.8431e-04	-9.6562e-07	2.4363e-05	0.0000e+00
906	0.0000e+00	0.0000e+00	7.5141e-04	-4.9030e-07	2.3873e-05	0.0000e+00

907	0.0000e+00	0.0000e+00	7.4156e-04	1.8005e-08	2.3493e-05	0.0000e+00
908	0.0000e+00	0.0000e+00	7.4796e-04	1.9426e-07	2.3365e-05	0.0000e+00
909	0.0000e+00	0.0000e+00	7.5039e-04	-1.8154e-07	2.3467e-05	0.0000e+00
910	0.0000e+00	0.0000e+00	7.2474e-04	-1.0451e-06	2.3623e-05	0.0000e+00
911	0.0000e+00	0.0000e+00	-5.7556e-05	-1.0396e-06	1.6255e-05	0.0000e+00
912	0.0000e+00	0.0000e+00	-9.5844e-05	-6.3963e-07	1.6211e-05	0.0000e+00
913	0.0000e+00	0.0000e+00	-1.1135e-04	-6.1792e-08	1.5865e-05	0.0000e+00
914	0.0000e+00	0.0000e+00	-1.0402e-04	3.4653e-07	1.5430e-05	0.0000e+00
915	0.0000e+00	0.0000e+00	-8.7583e-05	3.1755e-07	1.5092e-05	0.0000e+00
916	0.0000e+00	0.0000e+00	-8.4194e-05	-2.4740e-07	1.4958e-05	0.0000e+00
917	0.0000e+00	0.0000e+00	-1.1464e-04	-1.1658e-06	1.5053e-05	0.0000e+00
918	0.0000e+00	0.0000e+00	-6.0895e-04	-1.3615e-06	9.2720e-06	0.0000e+00
919	0.0000e+00	0.0000e+00	-6.5053e-04	-4.8579e-07	9.4479e-06	0.0000e+00
920	0.0000e+00	0.0000e+00	-6.5201e-04	3.8022e-07	9.1074e-06	0.0000e+00
921	0.0000e+00	0.0000e+00	-6.2357e-04	8.3967e-07	8.5477e-06	0.0000e+00
922	0.0000e+00	0.0000e+00	-5.8785e-04	6.8704e-07	7.9861e-06	0.0000e+00
923	0.0000e+00	0.0000e+00	-5.7379e-04	-1.4995e-07	7.6117e-06	0.0000e+00
924	0.0000e+00	0.0000e+00	-6.0782e-04	-1.4277e-06	7.6791e-06	0.0000e+00
925	0.0000e+00	0.0000e+00	-8.8516e-04	-2.0264e-06	3.6395e-06	0.0000e+00
926	0.0000e+00	0.0000e+00	-9.3584e-04	-3.3236e-07	3.8062e-06	0.0000e+00
927	0.0000e+00	0.0000e+00	-9.2056e-04	9.2742e-07	3.3213e-06	0.0000e+00
928	0.0000e+00	0.0000e+00	-8.6558e-04	1.4955e-06	2.6608e-06	0.0000e+00
929	0.0000e+00	0.0000e+00	-8.0188e-04	1.3067e-06	1.9433e-06	0.0000e+00
930	0.0000e+00	0.0000e+00	-7.6605e-04	1.7142e-07	1.2771e-06	0.0000e+00
931	0.0000e+00	0.0000e+00	-8.0039e-04	-1.8681e-06	1.1430e-06	0.0000e+00
932	0.0000e+00	0.0000e+00	-9.3762e-04	-2.5519e-06	-9.7861e-07	0.0000e+00
933	0.0000e+00	0.0000e+00	-9.8449e-04	1.5199e-07	-1.6224e-06	0.0000e+00
934	0.0000e+00	0.0000e+00	-9.4575e-04	1.5297e-06	-2.1765e-06	0.0000e+00
935	0.0000e+00	0.0000e+00	-8.6416e-04	2.1480e-06	-2.6876e-06	0.0000e+00
936	0.0000e+00	0.0000e+00	-7.7100e-04	2.0444e-06	-3.2662e-06	0.0000e+00
937	0.0000e+00	0.0000e+00	-7.0287e-04	9.3976e-07	-4.0231e-06	0.0000e+00
938	0.0000e+00	0.0000e+00	-7.1877e-04	-1.9934e-06	-5.0274e-06	0.0000e+00
939	0.0000e+00	0.0000e+00	-7.4261e-04	-2.1145e-06	-8.2767e-06	0.0000e+00
940	0.0000e+00	0.0000e+00	-7.7372e-04	5.0170e-07	-8.2112e-06	0.0000e+00
941	0.0000e+00	0.0000e+00	-7.2284e-04	1.7939e-06	-8.1332e-06	0.0000e+00
942	0.0000e+00	0.0000e+00	-6.3004e-04	2.4307e-06	-8.0948e-06	0.0000e+00
943	0.0000e+00	0.0000e+00	-5.2318e-04	2.4193e-06	-8.1051e-06	0.0000e+00
944	0.0000e+00	0.0000e+00	-4.3634e-04	1.4750e-06	-8.1258e-06	0.0000e+00
945	0.0000e+00	0.0000e+00	-4.2791e-04	-1.3431e-06	-8.0904e-06	0.0000e+00
946	0.0000e+00	0.0000e+00	8.7753e-03	5.1302e-07	5.7835e-05	0.0000e+00
947	0.0000e+00	0.0000e+00	1.1192e-02	1.5050e-06	5.1928e-05	0.0000e+00
948	0.0000e+00	0.0000e+00	8.7637e-03	-1.0014e-06	5.7067e-05	0.0000e+00
949	0.0000e+00	0.0000e+00	1.1184e-02	-2.6601e-07	5.3002e-05	0.0000e+00
950	0.0000e+00	0.0000e+00	8.7258e-03	-8.9787e-07	5.6856e-05	0.0000e+00
951	0.0000e+00	0.0000e+00	1.1153e-02	-6.2821e-07	5.3563e-05	0.0000e+00
952	0.0000e+00	0.0000e+00	8.6980e-03	-5.0185e-07	5.7041e-05	0.0000e+00
953	0.0000e+00	0.0000e+00	1.1131e-02	-7.3192e-07	5.3628e-05	0.0000e+00
954	0.0000e+00	0.0000e+00	8.6700e-03	-9.1339e-07	5.7557e-05	0.0000e+00
955	0.0000e+00	0.0000e+00	1.1106e-02	-1.7278e-06	5.3158e-05	0.0000e+00
956	0.0000e+00	0.0000e+00	8.5865e-03	-3.3322e-06	5.8317e-05	0.0000e+00
957	0.0000e+00	0.0000e+00	1.1021e-02	-4.8197e-06	5.2051e-05	0.0000e+00
958	0.0000e+00	0.0000e+00	6.3179e-03	1.6143e-06	5.4023e-05	0.0000e+00
959	0.0000e+00	0.0000e+00	6.3383e-03	-2.8005e-07	5.3384e-05	0.0000e+00
960	0.0000e+00	0.0000e+00	6.3143e-03	-7.9578e-07	5.3032e-05	0.0000e+00
961	0.0000e+00	0.0000e+00	6.2795e-03	-9.7503e-07	5.3162e-05	0.0000e+00
962	0.0000e+00	0.0000e+00	6.2278e-03	-1.7841e-06	5.3668e-05	0.0000e+00
963	0.0000e+00	0.0000e+00	6.1185e-03	-3.9596e-06	5.4121e-05	0.0000e+00
964	0.0000e+00	0.0000e+00	4.1489e-03	1.7381e-06	4.5177e-05	0.0000e+00
965	0.0000e+00	0.0000e+00	4.1827e-03	1.2701e-07	4.5114e-05	0.0000e+00
966	0.0000e+00	0.0000e+00	4.1695e-03	-6.9116e-07	4.4970e-05	0.0000e+00
967	0.0000e+00	0.0000e+00	4.1308e-03	-1.2575e-06	4.5030e-05	0.0000e+00
968	0.0000e+00	0.0000e+00	4.0643e-03	-2.1712e-06	4.5231e-05	0.0000e+00
969	0.0000e+00	0.0000e+00	3.9484e-03	-3.7478e-06	4.5192e-05	0.0000e+00
970	0.0000e+00	0.0000e+00	2.4057e-03	1.3347e-06	3.4798e-05	0.0000e+00
971	0.0000e+00	0.0000e+00	2.4332e-03	1.2743e-07	3.5086e-05	0.0000e+00
972	0.0000e+00	0.0000e+00	2.4211e-03	-6.7775e-07	3.5145e-05	0.0000e+00
973	0.0000e+00	0.0000e+00	2.3807e-03	-1.3493e-06	3.5170e-05	0.0000e+00
974	0.0000e+00	0.0000e+00	2.3110e-03	-2.1843e-06	3.5160e-05	0.0000e+00
975	0.0000e+00	0.0000e+00	2.2025e-03	-3.2777e-06	3.4926e-05	0.0000e+00
976	0.0000e+00	0.0000e+00	1.1109e-03	6.9611e-07	2.4760e-05	0.0000e+00
977	0.0000e+00	0.0000e+00	1.1215e-03	-1.1954e-07	2.5214e-05	0.0000e+00
978	0.0000e+00	0.0000e+00	1.1040e-03	-7.3367e-07	2.5373e-05	0.0000e+00



979	0.0000e+00	0.0000e+00	1.0631e-03	-1.3278e-06	2.5367e-05	0.0000e+00
980	0.0000e+00	0.0000e+00	9.9617e-04	-2.0426e-06	2.5269e-05	0.0000e+00
981	0.0000e+00	0.0000e+00	8.9822e-04	-2.8467e-06	2.5050e-05	0.0000e+00
982	0.0000e+00	0.0000e+00	2.2793e-04	-5.2851e-08	1.5963e-05	0.0000e+00
983	0.0000e+00	0.0000e+00	2.1681e-04	-4.6744e-07	1.6495e-05	0.0000e+00
984	0.0000e+00	0.0000e+00	1.9206e-04	-7.8141e-07	1.6645e-05	0.0000e+00
985	0.0000e+00	0.0000e+00	1.5280e-04	-1.2247e-06	1.6553e-05	0.0000e+00
986	0.0000e+00	0.0000e+00	9.1297e-05	-1.8852e-06	1.6396e-05	0.0000e+00
987	0.0000e+00	0.0000e+00	6.4970e-07	-2.6243e-06	1.6291e-05	0.0000e+00
988	0.0000e+00	0.0000e+00	-3.0458e-04	-9.1448e-07	8.6983e-06	0.0000e+00
989	0.0000e+00	0.0000e+00	-3.3972e-04	-8.0799e-07	9.2642e-06	0.0000e+00
990	0.0000e+00	0.0000e+00	-3.6883e-04	-7.0276e-07	9.2802e-06	0.0000e+00
991	0.0000e+00	0.0000e+00	-4.0057e-04	-9.7543e-07	8.9897e-06	0.0000e+00
992	0.0000e+00	0.0000e+00	-4.5301e-04	-1.7241e-06	8.6972e-06	0.0000e+00
993	0.0000e+00	0.0000e+00	-5.4179e-04	-2.7041e-06	8.7052e-06	0.0000e+00
994	0.0000e+00	0.0000e+00	-5.5251e-04	-1.9574e-06	2.9221e-06	0.0000e+00
995	0.0000e+00	0.0000e+00	-6.1090e-04	-9.9656e-07	3.3720e-06	0.0000e+00
996	0.0000e+00	0.0000e+00	-6.3534e-04	-3.5215e-07	3.0873e-06	0.0000e+00
997	0.0000e+00	0.0000e+00	-6.4895e-04	-4.5724e-07	2.5242e-06	0.0000e+00
998	0.0000e+00	0.0000e+00	-6.8390e-04	-1.4400e-06	1.9641e-06	0.0000e+00
999	0.0000e+00	0.0000e+00	-7.7330e-04	-3.1203e-06	1.9111e-06	0.0000e+00
1000	0.0000e+00	0.0000e+00	-5.7618e-04	-2.8853e-06	-1.5204e-06	0.0000e+00
1001	0.0000e+00	0.0000e+00	-6.4115e-04	-6.3543e-07	-2.0038e-06	0.0000e+00
1002	0.0000e+00	0.0000e+00	-6.4596e-04	2.7547e-07	-2.5834e-06	0.0000e+00
1003	0.0000e+00	0.0000e+00	-6.3313e-04	2.8681e-07	-3.1723e-06	0.0000e+00
1004	0.0000e+00	0.0000e+00	-6.3934e-04	-7.1450e-07	-3.8612e-06	0.0000e+00
1005	0.0000e+00	0.0000e+00	-7.1716e-04	-3.4703e-06	-4.6556e-06	0.0000e+00
1006	0.0000e+00	0.0000e+00	-3.7361e-04	-2.1439e-06	-8.3243e-06	0.0000e+00
1007	0.0000e+00	0.0000e+00	-4.1459e-04	-1.1239e-07	-8.5766e-06	0.0000e+00
1008	0.0000e+00	0.0000e+00	-4.0286e-04	6.5579e-07	-8.6685e-06	0.0000e+00
1009	0.0000e+00	0.0000e+00	-3.7673e-04	6.2977e-07	-8.6295e-06	0.0000e+00
1010	0.0000e+00	0.0000e+00	-3.6946e-04	-3.0892e-07	-8.4661e-06	0.0000e+00
1011	0.0000e+00	0.0000e+00	-4.2959e-04	-2.9099e-06	-8.1560e-06	0.0000e+00
1012	0.0000e+00	0.0000e+00	8.9516e-03	-4.8854e-07	5.8954e-05	0.0000e+00
1013	0.0000e+00	0.0000e+00	1.1408e-02	1.9251e-07	5.2596e-05	0.0000e+00
1014	0.0000e+00	0.0000e+00	8.9033e-03	-1.8431e-06	5.7838e-05	0.0000e+00
1015	0.0000e+00	0.0000e+00	1.1351e-02	-1.4180e-06	5.3463e-05	0.0000e+00
1016	0.0000e+00	0.0000e+00	8.8349e-03	-1.5798e-06	5.7325e-05	0.0000e+00
1017	0.0000e+00	0.0000e+00	1.1276e-02	-1.6405e-06	5.3762e-05	0.0000e+00
1018	0.0000e+00	0.0000e+00	8.7824e-03	-1.0526e-06	5.7223e-05	0.0000e+00
1019	0.0000e+00	0.0000e+00	1.1217e-02	-1.6392e-06	5.3522e-05	0.0000e+00
1020	0.0000e+00	0.0000e+00	8.7341e-03	-1.3726e-06	5.7457e-05	0.0000e+00
1021	0.0000e+00	0.0000e+00	1.1158e-02	-2.5755e-06	5.2698e-05	0.0000e+00
1022	0.0000e+00	0.0000e+00	8.6328e-03	-3.7608e-06	5.7953e-05	0.0000e+00
1023	0.0000e+00	0.0000e+00	1.1040e-02	-5.6619e-06	5.1173e-05	0.0000e+00
1024	0.0000e+00	0.0000e+00	6.4418e-03	1.0195e-06	5.5274e-05	0.0000e+00
1025	0.0000e+00	0.0000e+00	6.4402e-03	-7.7398e-07	5.4314e-05	0.0000e+00
1026	0.0000e+00	0.0000e+00	6.3987e-03	-1.1725e-06	5.3683e-05	0.0000e+00
1027	0.0000e+00	0.0000e+00	6.3509e-03	-1.2471e-06	5.3568e-05	0.0000e+00
1028	0.0000e+00	0.0000e+00	6.2896e-03	-1.9879e-06	5.3857e-05	0.0000e+00
1029	0.0000e+00	0.0000e+00	6.1724e-03	-4.1609e-06	5.4114e-05	0.0000e+00
1030	0.0000e+00	0.0000e+00	4.2194e-03	1.4597e-06	4.6365e-05	0.0000e+00
1031	0.0000e+00	0.0000e+00	4.2434e-03	-7.2577e-08	4.6057e-05	0.0000e+00
1032	0.0000e+00	0.0000e+00	4.2236e-03	-8.1181e-07	4.5693e-05	0.0000e+00
1033	0.0000e+00	0.0000e+00	4.1814e-03	-1.3089e-06	4.5563e-05	0.0000e+00
1034	0.0000e+00	0.0000e+00	4.1137e-03	-2.1800e-06	4.5600e-05	0.0000e+00
1035	0.0000e+00	0.0000e+00	3.9974e-03	-3.7583e-06	4.5408e-05	0.0000e+00
1036	0.0000e+00	0.0000e+00	2.4274e-03	1.2883e-06	3.5837e-05	0.0000e+00
1037	0.0000e+00	0.0000e+00	2.4542e-03	1.4564e-07	3.5951e-05	0.0000e+00
1038	0.0000e+00	0.0000e+00	2.4438e-03	-6.0735e-07	3.5852e-05	0.0000e+00
1039	0.0000e+00	0.0000e+00	2.4069e-03	-1.2379e-06	3.5742e-05	0.0000e+00
1040	0.0000e+00	0.0000e+00	2.3422e-03	-2.0483e-06	3.5617e-05	0.0000e+00
1041	0.0000e+00	0.0000e+00	2.2391e-03	-3.1407e-06	3.5272e-05	0.0000e+00
1042	0.0000e+00	0.0000e+00	1.0912e-03	8.1271e-07	2.5619e-05	0.0000e+00
1043	0.0000e+00	0.0000e+00	1.1074e-03	5.0182e-08	2.5953e-05	0.0000e+00
1044	0.0000e+00	0.0000e+00	1.0973e-03	-5.3195e-07	2.6005e-05	0.0000e+00
1045	0.0000e+00	0.0000e+00	1.0648e-03	-1.1067e-06	2.5911e-05	0.0000e+00
1046	0.0000e+00	0.0000e+00	1.0069e-03	-1.8095e-06	2.5742e-05	0.0000e+00
1047	0.0000e+00	0.0000e+00	9.1831e-04	-2.6076e-06	2.5454e-05	0.0000e+00
1048	0.0000e+00	0.0000e+00	1.7487e-04	1.7664e-07	1.6632e-05	0.0000e+00
1049	0.0000e+00	0.0000e+00	1.7385e-04	-1.9371e-07	1.7079e-05	0.0000e+00
1050	0.0000e+00	0.0000e+00	1.6031e-04	-4.9475e-07	1.7157e-05	0.0000e+00

1051	0.0000e+00	0.0000e+00	1.3241e-04	-9.4005e-07	1.7014e-05	0.0000e+00
1052	0.0000e+00	0.0000e+00	8.2185e-05	-1.6006e-06	1.6825e-05	0.0000e+00
1053	0.0000e+00	0.0000e+00	3.0341e-06	-2.3276e-06	1.6693e-05	0.0000e+00
1054	0.0000e+00	0.0000e+00	-3.8248e-04	-6.0157e-07	9.1663e-06	0.0000e+00
1055	0.0000e+00	0.0000e+00	-4.0422e-04	-4.5806e-07	9.6631e-06	0.0000e+00
1056	0.0000e+00	0.0000e+00	-4.1951e-04	-3.6315e-07	9.6285e-06	0.0000e+00
1057	0.0000e+00	0.0000e+00	-4.3828e-04	-6.6447e-07	9.3140e-06	0.0000e+00
1058	0.0000e+00	0.0000e+00	-4.7876e-04	-1.4312e-06	9.0224e-06	0.0000e+00
1059	0.0000e+00	0.0000e+00	-5.5569e-04	-2.3939e-06	9.0434e-06	0.0000e+00
1060	0.0000e+00	0.0000e+00	-6.4573e-04	-1.5689e-06	3.1506e-06	0.0000e+00
1061	0.0000e+00	0.0000e+00	-6.8794e-04	-5.8643e-07	3.5383e-06	0.0000e+00
1062	0.0000e+00	0.0000e+00	-6.9679e-04	1.7254e-08	3.2260e-06	0.0000e+00
1063	0.0000e+00	0.0000e+00	-6.9679e-04	-1.4480e-07	2.6565e-06	0.0000e+00
1064	0.0000e+00	0.0000e+00	-7.2021e-04	-1.1733e-06	2.1109e-06	0.0000e+00
1065	0.0000e+00	0.0000e+00	-7.9903e-04	-2.8443e-06	2.1051e-06	0.0000e+00
1066	0.0000e+00	0.0000e+00	-6.7229e-04	-2.4092e-06	-1.6392e-06	0.0000e+00
1067	0.0000e+00	0.0000e+00	-7.1939e-04	-2.0718e-07	-2.1224e-06	0.0000e+00
1068	0.0000e+00	0.0000e+00	-7.0838e-04	6.4615e-07	-2.6759e-06	0.0000e+00
1069	0.0000e+00	0.0000e+00	-6.8191e-04	5.9872e-07	-3.2605e-06	0.0000e+00
1070	0.0000e+00	0.0000e+00	-6.7679e-04	-4.6600e-07	-3.9657e-06	0.0000e+00
1071	0.0000e+00	0.0000e+00	-7.4569e-04	-3.2824e-06	-4.7473e-06	0.0000e+00
1072	0.0000e+00	0.0000e+00	-4.5346e-04	-1.8413e-06	-8.8735e-06	0.0000e+00
1073	0.0000e+00	0.0000e+00	-4.8191e-04	2.1177e-07	-8.9354e-06	0.0000e+00
1074	0.0000e+00	0.0000e+00	-4.5705e-04	9.8782e-07	-8.9348e-06	0.0000e+00
1075	0.0000e+00	0.0000e+00	-4.1764e-04	9.6238e-07	-8.8842e-06	0.0000e+00
1076	0.0000e+00	0.0000e+00	-3.9710e-04	2.2713e-08	-8.7885e-06	0.0000e+00
1077	0.0000e+00	0.0000e+00	-4.4392e-04	-2.5757e-06	-8.6390e-06	0.0000e+00
1078	0.0000e+00	0.0000e+00	2.6979e-03	-2.8134e-05	-1.4600e-05	0.0000e+00
1079	0.0000e+00	0.0000e+00	1.6786e-03	-2.2534e-05	-1.5098e-05	0.0000e+00
1080	0.0000e+00	0.0000e+00	8.9441e-04	-1.6714e-05	-1.4023e-05	0.0000e+00
1081	0.0000e+00	0.0000e+00	3.3176e-04	-1.1445e-05	-1.2985e-05	0.0000e+00
1082	0.0000e+00	0.0000e+00	-3.2675e-05	-6.8346e-06	-1.2173e-05	0.0000e+00
1083	0.0000e+00	0.0000e+00	-2.2943e-04	-3.0991e-06	-1.1606e-05	0.0000e+00
1084	0.0000e+00	0.0000e+00	-2.9769e-04	-4.4676e-07	-1.1210e-05	0.0000e+00
1085	0.0000e+00	0.0000e+00	-2.8498e-04	9.1115e-07	-1.0845e-05	0.0000e+00
1086	0.0000e+00	0.0000e+00	-2.4849e-04	6.7484e-07	-1.0329e-05	0.0000e+00
1087	0.0000e+00	0.0000e+00	-2.6425e-04	-1.8758e-06	-9.6294e-06	0.0000e+00
1088	0.0000e+00	0.0000e+00	-4.1696e-04	-5.0668e-06	-1.1747e-05	0.0000e+00
1089	0.0000e+00	0.0000e+00	3.4732e-03	-2.6962e-05	-2.1040e-05	0.0000e+00
1090	0.0000e+00	0.0000e+00	2.4619e-03	-2.3257e-05	-2.1101e-05	0.0000e+00
1091	0.0000e+00	0.0000e+00	1.6342e-03	-1.8034e-05	-2.0004e-05	0.0000e+00
1092	0.0000e+00	0.0000e+00	1.0214e-03	-1.2629e-05	-1.8763e-05	0.0000e+00
1093	0.0000e+00	0.0000e+00	6.1640e-04	-7.7110e-06	-1.7743e-05	0.0000e+00
1094	0.0000e+00	0.0000e+00	3.9139e-04	-3.6816e-06	-1.7055e-05	0.0000e+00
1095	0.0000e+00	0.0000e+00	3.0473e-04	-8.4412e-07	-1.6661e-05	0.0000e+00
1096	0.0000e+00	0.0000e+00	3.0373e-04	5.5041e-07	-1.6468e-05	0.0000e+00
1097	0.0000e+00	0.0000e+00	3.2694e-04	3.2249e-07	-1.6447e-05	0.0000e+00
1098	0.0000e+00	0.0000e+00	3.1261e-04	-1.2375e-06	-1.6895e-05	0.0000e+00
1099	0.0000e+00	0.0000e+00	2.2973e-04	-2.6966e-06	-1.8268e-05	0.0000e+00
1100	0.0000e+00	0.0000e+00	4.5288e-03	-2.6692e-05	-2.7191e-05	0.0000e+00
1101	0.0000e+00	0.0000e+00	3.5034e-03	-2.4177e-05	-2.6964e-05	0.0000e+00
1102	0.0000e+00	0.0000e+00	2.6283e-03	-1.9396e-05	-2.5760e-05	0.0000e+00
1103	0.0000e+00	0.0000e+00	1.9626e-03	-1.3883e-05	-2.4563e-05	0.0000e+00
1104	0.0000e+00	0.0000e+00	1.5149e-03	-8.6011e-06	-2.3638e-05	0.0000e+00
1105	0.0000e+00	0.0000e+00	1.2632e-03	-4.1561e-06	-2.3130e-05	0.0000e+00
1106	0.0000e+00	0.0000e+00	1.1656e-03	-9.5370e-07	-2.3056e-05	0.0000e+00
1107	0.0000e+00	0.0000e+00	1.1667e-03	7.3624e-07	-2.3375e-05	0.0000e+00
1108	0.0000e+00	0.0000e+00	1.2040e-03	8.5766e-07	-2.4028e-05	0.0000e+00
1109	0.0000e+00	0.0000e+00	1.2201e-03	-1.9989e-07	-2.4945e-05	0.0000e+00
1110	0.0000e+00	0.0000e+00	1.1850e-03	-1.4700e-06	-2.5909e-05	0.0000e+00
1111	0.0000e+00	0.0000e+00	5.8452e-03	-2.6980e-05	-3.2571e-05	0.0000e+00
1112	0.0000e+00	0.0000e+00	4.7903e-03	-2.5297e-05	-3.2352e-05	0.0000e+00
1113	0.0000e+00	0.0000e+00	3.8662e-03	-2.0682e-05	-3.1171e-05	0.0000e+00
1114	0.0000e+00	0.0000e+00	3.1532e-03	-1.4947e-05	-3.0204e-05	0.0000e+00
1115	0.0000e+00	0.0000e+00	2.6717e-03	-9.2289e-06	-2.9576e-05	0.0000e+00
1116	0.0000e+00	0.0000e+00	2.4055e-03	-4.2579e-06	-2.9427e-05	0.0000e+00
1117	0.0000e+00	0.0000e+00	2.3146e-03	-5.2431e-07	-2.9816e-05	0.0000e+00
1118	0.0000e+00	0.0000e+00	2.3424e-03	1.6305e-06	-3.0733e-05	0.0000e+00
1119	0.0000e+00	0.0000e+00	2.4219e-03	2.0516e-06	-3.2042e-05	0.0000e+00
1120	0.0000e+00	0.0000e+00	2.4863e-03	9.5158e-07	-3.3394e-05	0.0000e+00
1121	0.0000e+00	0.0000e+00	2.4881e-03	-8.7120e-07	-3.4215e-05	0.0000e+00
1122	0.0000e+00	0.0000e+00	7.3779e-03	-2.7593e-05	-3.6503e-05	0.0000e+00

1123	0.0000e+00	0.0000e+00	6.2878e-03	-2.6370e-05	-3.6600e-05	0.0000e+00
1124	0.0000e+00	0.0000e+00	5.3220e-03	-2.1674e-05	-3.5683e-05	0.0000e+00
1125	0.0000e+00	0.0000e+00	4.5754e-03	-1.5628e-05	-3.5135e-05	0.0000e+00
1126	0.0000e+00	0.0000e+00	4.0756e-03	-9.4549e-06	-3.4911e-05	0.0000e+00
1127	0.0000e+00	0.0000e+00	3.8115e-03	-3.9136e-06	-3.5142e-05	0.0000e+00
1128	0.0000e+00	0.0000e+00	3.7467e-03	4.4818e-07	-3.5932e-05	0.0000e+00
1129	0.0000e+00	0.0000e+00	3.8249e-03	3.1781e-06	-3.7315e-05	0.0000e+00
1130	0.0000e+00	0.0000e+00	3.9731e-03	3.8981e-06	-3.9175e-05	0.0000e+00
1131	0.0000e+00	0.0000e+00	4.1068e-03	2.4223e-06	-4.1100e-05	0.0000e+00
1132	0.0000e+00	0.0000e+00	4.1442e-03	-6.6715e-07	-4.2001e-05	0.0000e+00
1133	0.0000e+00	0.0000e+00	9.0481e-03	-2.8424e-05	-3.8094e-05	0.0000e+00
1134	0.0000e+00	0.0000e+00	7.9253e-03	-2.7143e-05	-3.8679e-05	0.0000e+00
1135	0.0000e+00	0.0000e+00	6.9374e-03	-2.2153e-05	-3.8369e-05	0.0000e+00
1136	0.0000e+00	0.0000e+00	6.1786e-03	-1.5821e-05	-3.8384e-05	0.0000e+00
1137	0.0000e+00	0.0000e+00	5.6782e-03	-9.2689e-06	-3.8563e-05	0.0000e+00
1138	0.0000e+00	0.0000e+00	5.4305e-03	-3.1978e-06	-3.9058e-05	0.0000e+00
1139	0.0000e+00	0.0000e+00	5.4042e-03	1.7982e-06	-3.9997e-05	0.0000e+00
1140	0.0000e+00	0.0000e+00	5.5450e-03	5.1668e-06	-4.1436e-05	0.0000e+00
1141	0.0000e+00	0.0000e+00	5.7768e-03	6.3533e-06	-4.3331e-05	0.0000e+00
1142	0.0000e+00	0.0000e+00	5.9994e-03	4.6863e-06	-4.5528e-05	0.0000e+00
1143	0.0000e+00	0.0000e+00	6.0782e-03	-8.2286e-07	-4.6621e-05	0.0000e+00
1144	0.0000e+00	0.0000e+00	9.5800e-03	-2.6376e-05	-3.7194e-05	0.0000e+00
1145	0.0000e+00	0.0000e+00	8.5995e-03	-2.1407e-05	-3.7689e-05	0.0000e+00
1146	0.0000e+00	0.0000e+00	7.8523e-03	-1.5339e-05	-3.8186e-05	0.0000e+00
1147	0.0000e+00	0.0000e+00	7.3675e-03	-8.9116e-06	-3.8720e-05	0.0000e+00
1148	0.0000e+00	0.0000e+00	7.1447e-03	-2.8291e-06	-3.9358e-05	0.0000e+00
1149	0.0000e+00	0.0000e+00	7.1561e-03	2.2399e-06	-4.0127e-05	0.0000e+00
1150	0.0000e+00	0.0000e+00	7.3481e-03	5.6332e-06	-4.0985e-05	0.0000e+00
1151	0.0000e+00	0.0000e+00	7.6408e-03	6.6520e-06	-4.1785e-05	0.0000e+00
1152	0.0000e+00	0.0000e+00	7.9253e-03	4.5101e-06	-4.2232e-05	0.0000e+00
1153	0.0000e+00	0.0000e+00	-5.9676e-04	-2.1982e-06	-1.3810e-05	0.0000e+00
1154	0.0000e+00	0.0000e+00	-6.3458e-04	2.7410e-07	-1.2882e-05	0.0000e+00
1155	0.0000e+00	0.0000e+00	-5.8905e-04	1.7705e-06	-1.2163e-05	0.0000e+00
1156	0.0000e+00	0.0000e+00	-4.8454e-04	2.9917e-06	-1.1717e-05	0.0000e+00
1157	0.0000e+00	0.0000e+00	-3.2927e-04	4.0608e-06	-1.1552e-05	0.0000e+00
1158	0.0000e+00	0.0000e+00	-1.3254e-04	4.8348e-06	-1.1610e-05	0.0000e+00
1159	0.0000e+00	0.0000e+00	8.5949e-05	4.9886e-06	-1.1739e-05	0.0000e+00
1160	0.0000e+00	0.0000e+00	2.8777e-04	3.9777e-06	-1.1686e-05	0.0000e+00
1161	0.0000e+00	0.0000e+00	4.0084e-04	7.1579e-07	-1.1214e-05	0.0000e+00
1162	0.0000e+00	0.0000e+00	3.1057e-04	-3.9976e-06	-1.3781e-05	0.0000e+00
1163	0.0000e+00	0.0000e+00	1.1754e-04	-2.1001e-06	-1.9422e-05	0.0000e+00
1164	0.0000e+00	0.0000e+00	5.9452e-05	-5.3062e-07	-1.9113e-05	0.0000e+00
1165	0.0000e+00	0.0000e+00	7.1541e-05	1.0674e-06	-1.8306e-05	0.0000e+00
1166	0.0000e+00	0.0000e+00	1.5214e-04	2.5957e-06	-1.7674e-05	0.0000e+00
1167	0.0000e+00	0.0000e+00	2.9780e-04	3.9930e-06	-1.7430e-05	0.0000e+00
1168	0.0000e+00	0.0000e+00	4.9770e-04	4.9997e-06	-1.7572e-05	0.0000e+00
1169	0.0000e+00	0.0000e+00	7.2611e-04	5.2044e-06	-1.7982e-05	0.0000e+00
1170	0.0000e+00	0.0000e+00	9.3712e-04	4.1122e-06	-1.8552e-05	0.0000e+00
1171	0.0000e+00	0.0000e+00	1.0682e-03	1.5956e-06	-1.9570e-05	0.0000e+00
1172	0.0000e+00	0.0000e+00	1.0779e-03	-9.6570e-07	-2.1708e-05	0.0000e+00
1173	0.0000e+00	0.0000e+00	1.1055e-03	-1.9251e-06	-2.6341e-05	0.0000e+00
1174	0.0000e+00	0.0000e+00	1.0329e-03	-1.2096e-06	-2.5857e-05	0.0000e+00
1175	0.0000e+00	0.0000e+00	1.0107e-03	2.8359e-07	-2.4997e-05	0.0000e+00
1176	0.0000e+00	0.0000e+00	1.0639e-03	2.1611e-06	-2.4355e-05	0.0000e+00
1177	0.0000e+00	0.0000e+00	1.2015e-03	4.0479e-06	-2.4243e-05	0.0000e+00
1178	0.0000e+00	0.0000e+00	1.4145e-03	5.5110e-06	-2.4741e-05	0.0000e+00
1179	0.0000e+00	0.0000e+00	1.6738e-03	6.0654e-06	-2.5792e-05	0.0000e+00
1180	0.0000e+00	0.0000e+00	1.9301e-03	5.3207e-06	-2.7298e-05	0.0000e+00
1181	0.0000e+00	0.0000e+00	2.1249e-03	3.3547e-06	-2.9173e-05	0.0000e+00
1182	0.0000e+00	0.0000e+00	2.2215e-03	1.0960e-06	-3.1146e-05	0.0000e+00
1183	0.0000e+00	0.0000e+00	2.4138e-03	-2.2888e-06	-3.4029e-05	0.0000e+00
1184	0.0000e+00	0.0000e+00	2.3110e-03	-2.1226e-06	-3.3040e-05	0.0000e+00
1185	0.0000e+00	0.0000e+00	2.2487e-03	-5.5140e-07	-3.1990e-05	0.0000e+00
1186	0.0000e+00	0.0000e+00	2.2756e-03	1.8316e-06	-3.1397e-05	0.0000e+00
1187	0.0000e+00	0.0000e+00	2.4138e-03	4.4099e-06	-3.1535e-05	0.0000e+00
1188	0.0000e+00	0.0000e+00	2.6586e-03	6.5852e-06	-3.2506e-05	0.0000e+00
1189	0.0000e+00	0.0000e+00	2.9791e-03	7.7644e-06	-3.4281e-05	0.0000e+00
1190	0.0000e+00	0.0000e+00	3.3201e-03	7.4543e-06	-3.6694e-05	0.0000e+00
1191	0.0000e+00	0.0000e+00	3.6114e-03	5.5431e-06	-3.9321e-05	0.0000e+00
1192	0.0000e+00	0.0000e+00	3.7939e-03	2.7086e-06	-4.1365e-05	0.0000e+00
1193	0.0000e+00	0.0000e+00	4.0486e-03	-3.3446e-06	-4.1139e-05	0.0000e+00
1194	0.0000e+00	0.0000e+00	3.8920e-03	-3.3911e-06	-3.9569e-05	0.0000e+00

1195	0.0000e+00	0.0000e+00	3.7819e-03	-1.4110e-06	-3.8414e-05	0.0000e+00
1196	0.0000e+00	0.0000e+00	3.7862e-03	1.6855e-06	-3.7962e-05	0.0000e+00
1197	0.0000e+00	0.0000e+00	3.9366e-03	5.1271e-06	-3.8380e-05	0.0000e+00
1198	0.0000e+00	0.0000e+00	4.2326e-03	8.2025e-06	-3.9747e-05	0.0000e+00
1199	0.0000e+00	0.0000e+00	4.6424e-03	1.0200e-05	-4.2055e-05	0.0000e+00
1200	0.0000e+00	0.0000e+00	5.1030e-03	1.0409e-05	-4.5144e-05	0.0000e+00
1201	0.0000e+00	0.0000e+00	5.5228e-03	8.2660e-06	-4.8533e-05	0.0000e+00
1202	0.0000e+00	0.0000e+00	5.7974e-03	4.0477e-06	-5.0794e-05	0.0000e+00
1203	0.0000e+00	0.0000e+00	5.9328e-03	-5.2496e-06	-4.5074e-05	0.0000e+00
1204	0.0000e+00	0.0000e+00	5.7095e-03	-4.8312e-06	-4.3633e-05	0.0000e+00
1205	0.0000e+00	0.0000e+00	5.5559e-03	-2.1536e-06	-4.2856e-05	0.0000e+00
1206	0.0000e+00	0.0000e+00	5.5477e-03	1.7685e-06	-4.2746e-05	0.0000e+00
1207	0.0000e+00	0.0000e+00	5.7219e-03	6.1340e-06	-4.3411e-05	0.0000e+00
1208	0.0000e+00	0.0000e+00	6.0811e-03	1.0171e-05	-4.4910e-05	0.0000e+00
1209	0.0000e+00	0.0000e+00	6.5931e-03	1.3080e-05	-4.7235e-05	0.0000e+00
1210	0.0000e+00	0.0000e+00	7.1891e-03	1.3993e-05	-5.0275e-05	0.0000e+00
1211	0.0000e+00	0.0000e+00	7.7590e-03	1.1871e-05	-5.3813e-05	0.0000e+00
1212	0.0000e+00	0.0000e+00	8.1341e-03	5.0981e-06	-5.6266e-05	0.0000e+00
1213	0.0000e+00	0.0000e+00	7.8569e-03	-4.7059e-06	-4.2852e-05	0.0000e+00
1214	0.0000e+00	0.0000e+00	7.6081e-03	-4.3780e-06	-4.3194e-05	0.0000e+00
1215	0.0000e+00	0.0000e+00	7.4421e-03	-1.6922e-06	-4.3441e-05	0.0000e+00
1216	0.0000e+00	0.0000e+00	7.4413e-03	2.4161e-06	-4.3895e-05	0.0000e+00
1217	0.0000e+00	0.0000e+00	7.6480e-03	7.0620e-06	-4.4708e-05	0.0000e+00
1218	0.0000e+00	0.0000e+00	8.0671e-03	1.1369e-05	-4.5922e-05	0.0000e+00
1219	0.0000e+00	0.0000e+00	8.6646e-03	1.4415e-05	-4.7455e-05	0.0000e+00
1220	0.0000e+00	0.0000e+00	9.3648e-03	1.5171e-05	-4.9082e-05	0.0000e+00
1221	0.0000e+00	0.0000e+00	1.0044e-02	1.2424e-05	-5.0370e-05	0.0000e+00
1222	0.0000e+00	0.0000e+00	-2.3587e-04	-7.4308e-06	-1.4602e-05	0.0000e+00
1223	0.0000e+00	0.0000e+00	-5.1284e-04	-4.1815e-06	-1.6175e-05	0.0000e+00
1224	0.0000e+00	0.0000e+00	-6.2813e-04	-1.2504e-06	-1.4705e-05	0.0000e+00
1225	0.0000e+00	0.0000e+00	-6.4143e-04	6.3180e-07	-1.3532e-05	0.0000e+00
1226	0.0000e+00	0.0000e+00	-5.8079e-04	2.1409e-06	-1.2719e-05	0.0000e+00
1227	0.0000e+00	0.0000e+00	-4.5922e-04	3.3808e-06	-1.2261e-05	0.0000e+00
1228	0.0000e+00	0.0000e+00	-2.9118e-04	4.2107e-06	-1.2085e-05	0.0000e+00
1229	0.0000e+00	0.0000e+00	-1.0086e-04	4.3371e-06	-1.2029e-05	0.0000e+00
1230	0.0000e+00	0.0000e+00	7.1067e-05	3.2866e-06	-1.1834e-05	0.0000e+00
1231	0.0000e+00	0.0000e+00	1.5460e-04	1.0737e-07	-1.1247e-05	0.0000e+00
1232	0.0000e+00	0.0000e+00	4.2673e-05	-4.3785e-06	-1.3568e-05	0.0000e+00
1233	0.0000e+00	0.0000e+00	5.6778e-04	-5.6729e-06	-2.2653e-05	0.0000e+00
1234	0.0000e+00	0.0000e+00	3.3098e-04	-4.7268e-06	-2.3029e-05	0.0000e+00
1235	0.0000e+00	0.0000e+00	1.6774e-04	-2.6565e-06	-2.1973e-05	0.0000e+00
1236	0.0000e+00	0.0000e+00	9.6616e-05	-5.7911e-07	-2.0498e-05	0.0000e+00
1237	0.0000e+00	0.0000e+00	1.1305e-04	1.3286e-06	-1.9300e-05	0.0000e+00
1238	0.0000e+00	0.0000e+00	2.0845e-04	2.9753e-06	-1.8587e-05	0.0000e+00
1239	0.0000e+00	0.0000e+00	3.6620e-04	4.1015e-06	-1.8341e-05	0.0000e+00
1240	0.0000e+00	0.0000e+00	5.5541e-04	4.3260e-06	-1.8425e-05	0.0000e+00
1241	0.0000e+00	0.0000e+00	7.2705e-04	3.2179e-06	-1.8698e-05	0.0000e+00
1242	0.0000e+00	0.0000e+00	8.1877e-04	7.2868e-07	-1.9391e-05	0.0000e+00
1243	0.0000e+00	0.0000e+00	7.9191e-04	-1.7381e-06	-2.1152e-05	0.0000e+00
1244	0.0000e+00	0.0000e+00	1.7478e-03	-5.3776e-06	-3.1872e-05	0.0000e+00
1245	0.0000e+00	0.0000e+00	1.5037e-03	-5.4377e-06	-3.1239e-05	0.0000e+00
1246	0.0000e+00	0.0000e+00	1.2884e-03	-4.1478e-06	-2.9773e-05	0.0000e+00
1247	0.0000e+00	0.0000e+00	1.1494e-03	-2.0733e-06	-2.8034e-05	0.0000e+00
1248	0.0000e+00	0.0000e+00	1.1097e-03	2.9127e-07	-2.6629e-05	0.0000e+00
1249	0.0000e+00	0.0000e+00	1.1726e-03	2.5243e-06	-2.5866e-05	0.0000e+00
1250	0.0000e+00	0.0000e+00	1.3230e-03	4.1832e-06	-2.5807e-05	0.0000e+00
1251	0.0000e+00	0.0000e+00	1.5253e-03	4.8036e-06	-2.6367e-05	0.0000e+00
1252	0.0000e+00	0.0000e+00	1.7254e-03	4.0427e-06	-2.7407e-05	0.0000e+00
1253	0.0000e+00	0.0000e+00	1.8630e-03	2.0486e-06	-2.8783e-05	0.0000e+00
1254	0.0000e+00	0.0000e+00	1.9026e-03	-1.5608e-07	-3.0206e-05	0.0000e+00
1255	0.0000e+00	0.0000e+00	3.3434e-03	-6.0018e-06	-4.1704e-05	0.0000e+00
1256	0.0000e+00	0.0000e+00	3.0526e-03	-6.9365e-06	-4.0199e-05	0.0000e+00
1257	0.0000e+00	0.0000e+00	2.7598e-03	-6.0884e-06	-3.8006e-05	0.0000e+00
1258	0.0000e+00	0.0000e+00	2.5381e-03	-3.8168e-06	-3.5877e-05	0.0000e+00
1259	0.0000e+00	0.0000e+00	2.4347e-03	-8.2692e-07	-3.4332e-05	0.0000e+00
1260	0.0000e+00	0.0000e+00	2.4661e-03	2.2059e-06	-3.3640e-05	0.0000e+00
1261	0.0000e+00	0.0000e+00	2.6202e-03	4.6620e-06	-3.3883e-05	0.0000e+00
1262	0.0000e+00	0.0000e+00	2.8588e-03	5.9565e-06	-3.5005e-05	0.0000e+00
1263	0.0000e+00	0.0000e+00	3.1198e-03	5.6289e-06	-3.6794e-05	0.0000e+00
1264	0.0000e+00	0.0000e+00	3.3288e-03	3.6334e-06	-3.8768e-05	0.0000e+00
1265	0.0000e+00	0.0000e+00	3.4258e-03	7.7349e-07	-4.0080e-05	0.0000e+00
1266	0.0000e+00	0.0000e+00	5.3536e-03	-7.2470e-06	-5.0763e-05	0.0000e+00

1267	0.0000e+00	0.0000e+00	4.9803e-03	-9.3295e-06	-4.8412e-05	0.0000e+00
1268	0.0000e+00	0.0000e+00	4.5776e-03	-8.5706e-06	-4.5478e-05	0.0000e+00
1269	0.0000e+00	0.0000e+00	4.2577e-03	-5.7624e-06	-4.3086e-05	0.0000e+00
1270	0.0000e+00	0.0000e+00	4.0869e-03	-1.9339e-06	-4.1526e-05	0.0000e+00
1271	0.0000e+00	0.0000e+00	4.0908e-03	2.0761e-06	-4.0957e-05	0.0000e+00
1272	0.0000e+00	0.0000e+00	4.2611e-03	5.5253e-06	-4.1444e-05	0.0000e+00
1273	0.0000e+00	0.0000e+00	4.5573e-03	7.6974e-06	-4.2955e-05	0.0000e+00
1274	0.0000e+00	0.0000e+00	4.9079e-03	7.9002e-06	-4.5294e-05	0.0000e+00
1275	0.0000e+00	0.0000e+00	5.2144e-03	5.6124e-06	-4.7923e-05	0.0000e+00
1276	0.0000e+00	0.0000e+00	5.3681e-03	1.2373e-06	-4.9311e-05	0.0000e+00
1277	0.0000e+00	0.0000e+00	7.6858e-03	-8.9846e-06	-5.6093e-05	0.0000e+00
1278	0.0000e+00	0.0000e+00	7.1972e-03	-1.2689e-05	-5.3032e-05	0.0000e+00
1279	0.0000e+00	0.0000e+00	6.6673e-03	-1.1338e-05	-5.0192e-05	0.0000e+00
1280	0.0000e+00	0.0000e+00	6.2485e-03	-7.7093e-06	-4.8117e-05	0.0000e+00
1281	0.0000e+00	0.0000e+00	6.0148e-03	-2.9341e-06	-4.6816e-05	0.0000e+00
1282	0.0000e+00	0.0000e+00	5.9974e-03	2.1130e-06	-4.6395e-05	0.0000e+00
1283	0.0000e+00	0.0000e+00	6.1902e-03	6.6203e-06	-4.6910e-05	0.0000e+00
1284	0.0000e+00	0.0000e+00	6.5515e-03	9.7745e-06	-4.8335e-05	0.0000e+00
1285	0.0000e+00	0.0000e+00	7.0028e-03	1.0714e-05	-5.0535e-05	0.0000e+00
1286	0.0000e+00	0.0000e+00	7.4248e-03	8.4206e-06	-5.3258e-05	0.0000e+00
1287	0.0000e+00	0.0000e+00	7.6404e-03	1.2505e-06	-5.4861e-05	0.0000e+00
1288	0.0000e+00	0.0000e+00	9.4669e-03	-1.3391e-05	-5.0698e-05	0.0000e+00
1289	0.0000e+00	0.0000e+00	8.8541e-03	-1.2139e-05	-4.9819e-05	0.0000e+00
1290	0.0000e+00	0.0000e+00	8.3685e-03	-8.4757e-06	-4.8877e-05	0.0000e+00
1291	0.0000e+00	0.0000e+00	8.0912e-03	-3.4607e-06	-4.8197e-05	0.0000e+00
1292	0.0000e+00	0.0000e+00	8.0593e-03	1.9358e-06	-4.7946e-05	0.0000e+00
1293	0.0000e+00	0.0000e+00	8.2687e-03	6.7864e-06	-4.8165e-05	0.0000e+00
1294	0.0000e+00	0.0000e+00	8.6756e-03	1.0145e-05	-4.8770e-05	0.0000e+00
1295	0.0000e+00	0.0000e+00	9.1936e-03	1.0983e-05	-4.9525e-05	0.0000e+00
1296	0.0000e+00	0.0000e+00	9.6892e-03	8.1050e-06	-4.9984e-05	0.0000e+00
1297	0.0000e+00	0.0000e+00	-2.0523e-04	-6.3025e-06	-1.3828e-05	0.0000e+00
1298	0.0000e+00	0.0000e+00	-4.4719e-04	-3.7340e-06	-1.5724e-05	0.0000e+00
1299	0.0000e+00	0.0000e+00	-5.5018e-04	-1.1330e-06	-1.4549e-05	0.0000e+00
1300	0.0000e+00	0.0000e+00	-5.6177e-04	5.9560e-07	-1.3559e-05	0.0000e+00
1301	0.0000e+00	0.0000e+00	-5.0314e-04	2.0926e-06	-1.2866e-05	0.0000e+00
1302	0.0000e+00	0.0000e+00	-3.8142e-04	3.4438e-06	-1.2490e-05	0.0000e+00
1303	0.0000e+00	0.0000e+00	-2.0614e-04	4.4834e-06	-1.2379e-05	0.0000e+00
1304	0.0000e+00	0.0000e+00	2.0063e-06	4.8767e-06	-1.2387e-05	0.0000e+00
1305	0.0000e+00	0.0000e+00	2.0341e-04	4.0805e-06	-1.2261e-05	0.0000e+00
1306	0.0000e+00	0.0000e+00	3.2498e-04	1.0148e-06	-1.1724e-05	0.0000e+00
1307	0.0000e+00	0.0000e+00	2.4661e-04	-3.7794e-06	-1.4179e-05	0.0000e+00
1308	0.0000e+00	0.0000e+00	5.5432e-04	-4.2413e-06	-2.1363e-05	0.0000e+00
1309	0.0000e+00	0.0000e+00	3.6844e-04	-3.8582e-06	-2.2218e-05	0.0000e+00
1310	0.0000e+00	0.0000e+00	2.3331e-04	-2.2317e-06	-2.1590e-05	0.0000e+00
1311	0.0000e+00	0.0000e+00	1.7497e-04	-4.0890e-07	-2.0430e-05	0.0000e+00
1312	0.0000e+00	0.0000e+00	1.9684e-04	1.4181e-06	-1.9449e-05	0.0000e+00
1313	0.0000e+00	0.0000e+00	2.9748e-04	3.1351e-06	-1.8885e-05	0.0000e+00
1314	0.0000e+00	0.0000e+00	4.6627e-04	4.4514e-06	-1.8749e-05	0.0000e+00
1315	0.0000e+00	0.0000e+00	6.7662e-04	4.9380e-06	-1.8925e-05	0.0000e+00
1316	0.0000e+00	0.0000e+00	8.8108e-04	4.0852e-06	-1.9293e-05	0.0000e+00
1317	0.0000e+00	0.0000e+00	1.0146e-03	1.7264e-06	-2.0115e-05	0.0000e+00
1318	0.0000e+00	0.0000e+00	1.0307e-03	-8.2014e-07	-2.2105e-05	0.0000e+00
1319	0.0000e+00	0.0000e+00	1.6710e-03	-3.3767e-06	-3.0264e-05	0.0000e+00
1320	0.0000e+00	0.0000e+00	1.5016e-03	-4.0549e-06	-3.0259e-05	0.0000e+00
1321	0.0000e+00	0.0000e+00	1.3351e-03	-3.3096e-06	-2.9312e-05	0.0000e+00
1322	0.0000e+00	0.0000e+00	1.2244e-03	-1.6029e-06	-2.7969e-05	0.0000e+00
1323	0.0000e+00	0.0000e+00	1.2012e-03	5.9209e-07	-2.6853e-05	0.0000e+00
1324	0.0000e+00	0.0000e+00	1.2773e-03	2.8370e-06	-2.6303e-05	0.0000e+00
1325	0.0000e+00	0.0000e+00	1.4447e-03	4.6552e-06	-2.6410e-05	0.0000e+00
1326	0.0000e+00	0.0000e+00	1.6734e-03	5.5329e-06	-2.7119e-05	0.0000e+00
1327	0.0000e+00	0.0000e+00	1.9121e-03	5.0568e-06	-2.8327e-05	0.0000e+00
1328	0.0000e+00	0.0000e+00	2.0997e-03	3.2814e-06	-2.9947e-05	0.0000e+00
1329	0.0000e+00	0.0000e+00	2.1955e-03	1.1261e-06	-3.1735e-05	0.0000e+00
1330	0.0000e+00	0.0000e+00	3.1927e-03	-3.2539e-06	-3.9944e-05	0.0000e+00
1331	0.0000e+00	0.0000e+00	3.0068e-03	-4.9348e-06	-3.9191e-05	0.0000e+00
1332	0.0000e+00	0.0000e+00	2.7867e-03	-4.7688e-06	-3.7585e-05	0.0000e+00
1333	0.0000e+00	0.0000e+00	2.6118e-03	-2.9845e-06	-3.5902e-05	0.0000e+00
1334	0.0000e+00	0.0000e+00	2.5388e-03	-2.5401e-07	-3.4700e-05	0.0000e+00
1335	0.0000e+00	0.0000e+00	2.5939e-03	2.7319e-06	-3.4280e-05	0.0000e+00
1336	0.0000e+00	0.0000e+00	2.7737e-03	5.3185e-06	-3.4756e-05	0.0000e+00
1337	0.0000e+00	0.0000e+00	3.0468e-03	6.8748e-06	-3.6101e-05	0.0000e+00
1338	0.0000e+00	0.0000e+00	3.3558e-03	6.8841e-06	-3.8144e-05	0.0000e+00

1339	0.0000e+00	0.0000e+00	3.6277e-03	5.2248e-06	-4.0464e-05	0.0000e+00
1340	0.0000e+00	0.0000e+00	3.8003e-03	2.5783e-06	-4.2280e-05	0.0000e+00
1341	0.0000e+00	0.0000e+00	5.1257e-03	-3.6002e-06	-4.9019e-05	0.0000e+00
1342	0.0000e+00	0.0000e+00	4.8920e-03	-6.6420e-06	-4.7496e-05	0.0000e+00
1343	0.0000e+00	0.0000e+00	4.5881e-03	-6.7347e-06	-4.5161e-05	0.0000e+00
1344	0.0000e+00	0.0000e+00	4.3350e-03	-4.5267e-06	-4.3238e-05	0.0000e+00
1345	0.0000e+00	0.0000e+00	4.2105e-03	-1.0339e-06	-4.2063e-05	0.0000e+00
1346	0.0000e+00	0.0000e+00	4.2514e-03	2.8820e-06	-4.1828e-05	0.0000e+00
1347	0.0000e+00	0.0000e+00	4.4592e-03	6.4418e-06	-4.2623e-05	0.0000e+00
1348	0.0000e+00	0.0000e+00	4.8015e-03	8.8871e-06	-4.4441e-05	0.0000e+00
1349	0.0000e+00	0.0000e+00	5.2129e-03	9.4808e-06	-4.7118e-05	0.0000e+00
1350	0.0000e+00	0.0000e+00	5.5991e-03	7.6576e-06	-5.0160e-05	0.0000e+00
1351	0.0000e+00	0.0000e+00	5.8530e-03	3.7130e-06	-5.2150e-05	0.0000e+00
1352	0.0000e+00	0.0000e+00	7.3849e-03	-4.3008e-06	-5.4571e-05	0.0000e+00
1353	0.0000e+00	0.0000e+00	7.0714e-03	-9.3564e-06	-5.2239e-05	0.0000e+00
1354	0.0000e+00	0.0000e+00	6.6658e-03	-9.0028e-06	-4.9955e-05	0.0000e+00
1355	0.0000e+00	0.0000e+00	6.3344e-03	-6.0558e-06	-4.8356e-05	0.0000e+00
1356	0.0000e+00	0.0000e+00	6.1647e-03	-1.6672e-06	-4.7481e-05	0.0000e+00
1357	0.0000e+00	0.0000e+00	6.2002e-03	3.2580e-06	-4.7458e-05	0.0000e+00
1358	0.0000e+00	0.0000e+00	6.4456e-03	7.8709e-06	-4.8360e-05	0.0000e+00
1359	0.0000e+00	0.0000e+00	6.8684e-03	1.1318e-05	-5.0184e-05	0.0000e+00
1360	0.0000e+00	0.0000e+00	7.3972e-03	1.2693e-05	-5.2817e-05	0.0000e+00
1361	0.0000e+00	0.0000e+00	7.9184e-03	1.0943e-05	-5.6018e-05	0.0000e+00
1362	0.0000e+00	0.0000e+00	8.2604e-03	4.5254e-06	-5.8176e-05	0.0000e+00
1363	0.0000e+00	0.0000e+00	9.3070e-03	-9.3761e-06	-4.9899e-05	0.0000e+00
1364	0.0000e+00	0.0000e+00	8.8416e-03	-9.1863e-06	-4.9534e-05	0.0000e+00
1365	0.0000e+00	0.0000e+00	8.4642e-03	-6.2533e-06	-4.9076e-05	0.0000e+00
1366	0.0000e+00	0.0000e+00	8.2703e-03	-1.6615e-06	-4.8857e-05	0.0000e+00
1367	0.0000e+00	0.0000e+00	8.3097e-03	3.5905e-06	-4.9057e-05	0.0000e+00
1368	0.0000e+00	0.0000e+00	8.5902e-03	8.5411e-06	-4.9734e-05	0.0000e+00
1369	0.0000e+00	0.0000e+00	9.0778e-03	1.2206e-05	-5.0821e-05	0.0000e+00
1370	0.0000e+00	0.0000e+00	9.6945e-03	1.3513e-05	-5.2106e-05	0.0000e+00
1371	0.0000e+00	0.0000e+00	1.0313e-02	1.1220e-05	-5.3173e-05	0.0000e+00
1372	0.0000e+00	0.0000e+00	-2.1547e-04	-7.1000e-06	-1.4819e-05	0.0000e+00
1373	0.0000e+00	0.0000e+00	-4.8194e-04	-4.0124e-06	-1.6394e-05	0.0000e+00
1374	0.0000e+00	0.0000e+00	-5.8856e-04	-1.0433e-06	-1.4835e-05	0.0000e+00
1375	0.0000e+00	0.0000e+00	-5.9304e-04	8.1449e-07	-1.3541e-05	0.0000e+00
1376	0.0000e+00	0.0000e+00	-5.2600e-04	2.2448e-06	-1.2609e-05	0.0000e+00
1377	0.0000e+00	0.0000e+00	-4.0257e-04	3.3611e-06	-1.2029e-05	0.0000e+00
1378	0.0000e+00	0.0000e+00	-2.3894e-04	4.0339e-06	-1.1723e-05	0.0000e+00
1379	0.0000e+00	0.0000e+00	-6.0407e-05	3.9875e-06	-1.1527e-05	0.0000e+00
1380	0.0000e+00	0.0000e+00	9.2215e-05	2.7783e-06	-1.1180e-05	0.0000e+00
1381	0.0000e+00	0.0000e+00	1.5046e-04	-5.0084e-07	-1.0392e-05	0.0000e+00
1382	0.0000e+00	0.0000e+00	6.0271e-06	-5.2359e-06	-1.2380e-05	0.0000e+00
1383	0.0000e+00	0.0000e+00	5.9427e-04	-5.3836e-06	-2.2738e-05	0.0000e+00
1384	0.0000e+00	0.0000e+00	3.6743e-04	-4.5540e-06	-2.3091e-05	0.0000e+00
1385	0.0000e+00	0.0000e+00	2.1055e-04	-2.5338e-06	-2.2000e-05	0.0000e+00
1386	0.0000e+00	0.0000e+00	1.4372e-04	-5.1145e-07	-2.0429e-05	0.0000e+00
1387	0.0000e+00	0.0000e+00	1.6104e-04	1.2978e-06	-1.9094e-05	0.0000e+00
1388	0.0000e+00	0.0000e+00	2.5190e-04	2.7996e-06	-1.8208e-05	0.0000e+00
1389	0.0000e+00	0.0000e+00	3.9782e-04	3.7435e-06	-1.7749e-05	0.0000e+00
1390	0.0000e+00	0.0000e+00	5.6656e-04	3.7643e-06	-1.7572e-05	0.0000e+00
1391	0.0000e+00	0.0000e+00	7.0858e-04	2.4489e-06	-1.7527e-05	0.0000e+00
1392	0.0000e+00	0.0000e+00	7.6155e-04	-2.5332e-07	-1.7818e-05	0.0000e+00
1393	0.0000e+00	0.0000e+00	6.8613e-04	-2.9437e-06	-1.9098e-05	0.0000e+00
1394	0.0000e+00	0.0000e+00	1.7781e-03	-5.1487e-06	-3.1972e-05	0.0000e+00
1395	0.0000e+00	0.0000e+00	1.5420e-03	-5.2973e-06	-3.1279e-05	0.0000e+00
1396	0.0000e+00	0.0000e+00	1.3310e-03	-4.0971e-06	-2.9746e-05	0.0000e+00
1397	0.0000e+00	0.0000e+00	1.1918e-03	-2.1313e-06	-2.7892e-05	0.0000e+00
1398	0.0000e+00	0.0000e+00	1.1462e-03	8.4313e-08	-2.6312e-05	0.0000e+00
1399	0.0000e+00	0.0000e+00	1.1957e-03	2.1206e-06	-2.5311e-05	0.0000e+00
1400	0.0000e+00	0.0000e+00	1.3229e-03	3.5395e-06	-2.4946e-05	0.0000e+00
1401	0.0000e+00	0.0000e+00	1.4908e-03	3.8885e-06	-2.5122e-05	0.0000e+00
1402	0.0000e+00	0.0000e+00	1.6441e-03	2.8404e-06	-2.5689e-05	0.0000e+00
1403	0.0000e+00	0.0000e+00	1.7220e-03	5.5612e-07	-2.6509e-05	0.0000e+00
1404	0.0000e+00	0.0000e+00	1.6895e-03	-1.9215e-06	-2.7300e-05	0.0000e+00
1405	0.0000e+00	0.0000e+00	3.3801e-03	-5.8623e-06	-4.1909e-05	0.0000e+00
1406	0.0000e+00	0.0000e+00	3.0938e-03	-6.8736e-06	-4.0302e-05	0.0000e+00
1407	0.0000e+00	0.0000e+00	2.8011e-03	-6.1466e-06	-3.7992e-05	0.0000e+00
1408	0.0000e+00	0.0000e+00	2.5732e-03	-4.0423e-06	-3.5695e-05	0.0000e+00
1409	0.0000e+00	0.0000e+00	2.4551e-03	-1.2695e-06	-3.3914e-05	0.0000e+00
1410	0.0000e+00	0.0000e+00	2.4610e-03	1.4928e-06	-3.2907e-05	0.0000e+00

1411	0.0000e+00	0.0000e+00	2.5766e-03	3.6261e-06	-3.2749e-05	0.0000e+00
1412	0.0000e+00	0.0000e+00	2.7615e-03	4.5558e-06	-3.3372e-05	0.0000e+00
1413	0.0000e+00	0.0000e+00	2.9522e-03	3.8440e-06	-3.4555e-05	0.0000e+00
1414	0.0000e+00	0.0000e+00	3.0741e-03	1.4787e-06	-3.5823e-05	0.0000e+00
1415	0.0000e+00	0.0000e+00	3.0688e-03	-1.7061e-06	-3.6350e-05	0.0000e+00
1416	0.0000e+00	0.0000e+00	5.4031e-03	-7.2365e-06	-5.1156e-05	0.0000e+00
1417	0.0000e+00	0.0000e+00	5.0288e-03	-9.3936e-06	-4.8655e-05	0.0000e+00
1418	0.0000e+00	0.0000e+00	4.6197e-03	-8.7990e-06	-4.5541e-05	0.0000e+00
1419	0.0000e+00	0.0000e+00	4.2846e-03	-6.2236e-06	-4.2904e-05	0.0000e+00
1420	0.0000e+00	0.0000e+00	4.0871e-03	-2.6865e-06	-4.1027e-05	0.0000e+00
1421	0.0000e+00	0.0000e+00	4.0502e-03	9.7054e-07	-4.0064e-05	0.0000e+00
1422	0.0000e+00	0.0000e+00	4.1628e-03	4.0030e-06	-4.0071e-05	0.0000e+00
1423	0.0000e+00	0.0000e+00	4.3816e-03	5.7024e-06	-4.0999e-05	0.0000e+00
1424	0.0000e+00	0.0000e+00	4.6333e-03	5.4038e-06	-4.2636e-05	0.0000e+00
1425	0.0000e+00	0.0000e+00	4.8192e-03	2.6506e-06	-4.4432e-05	0.0000e+00
1426	0.0000e+00	0.0000e+00	4.8341e-03	-2.0965e-06	-4.4912e-05	0.0000e+00
1427	0.0000e+00	0.0000e+00	7.7584e-03	-9.1492e-06	-5.6781e-05	0.0000e+00
1428	0.0000e+00	0.0000e+00	7.2608e-03	-1.2936e-05	-5.3510e-05	0.0000e+00
1429	0.0000e+00	0.0000e+00	6.7146e-03	-1.1823e-05	-5.0381e-05	0.0000e+00
1430	0.0000e+00	0.0000e+00	6.2678e-03	-8.4900e-06	-4.7957e-05	0.0000e+00
1431	0.0000e+00	0.0000e+00	5.9919e-03	-4.0714e-06	-4.6255e-05	0.0000e+00
1432	0.0000e+00	0.0000e+00	5.9150e-03	5.4853e-07	-4.5375e-05	0.0000e+00
1433	0.0000e+00	0.0000e+00	6.0279e-03	4.5526e-06	-4.5361e-05	0.0000e+00
1434	0.0000e+00	0.0000e+00	6.2858e-03	7.1318e-06	-4.6177e-05	0.0000e+00
1435	0.0000e+00	0.0000e+00	6.6072e-03	7.4437e-06	-4.7673e-05	0.0000e+00
1436	0.0000e+00	0.0000e+00	6.8719e-03	4.5249e-06	-4.9559e-05	0.0000e+00
1437	0.0000e+00	0.0000e+00	6.9075e-03	-2.9967e-06	-5.0143e-05	0.0000e+00
1438	0.0000e+00	0.0000e+00	9.5580e-03	-1.4029e-05	-5.1470e-05	0.0000e+00
1439	0.0000e+00	0.0000e+00	8.9122e-03	-1.3041e-05	-5.0115e-05	0.0000e+00
1440	0.0000e+00	0.0000e+00	8.3809e-03	-9.6996e-06	-4.8717e-05	0.0000e+00
1441	0.0000e+00	0.0000e+00	8.0425e-03	-5.0789e-06	-4.7571e-05	0.0000e+00
1442	0.0000e+00	0.0000e+00	7.9303e-03	-1.5588e-07	-4.6830e-05	0.0000e+00
1443	0.0000e+00	0.0000e+00	8.0369e-03	4.1418e-06	-4.6527e-05	0.0000e+00
1444	0.0000e+00	0.0000e+00	8.3148e-03	6.8786e-06	-4.6577e-05	0.0000e+00
1445	0.0000e+00	0.0000e+00	8.6750e-03	7.0489e-06	-4.6756e-05	0.0000e+00
1446	0.0000e+00	0.0000e+00	8.9825e-03	3.5036e-06	-4.6650e-05	0.0000e+00
1447	0.0000e+00	0.0000e+00	-1.8576e-04	-3.5061e-06	-1.4509e-05	0.0000e+00
1448	0.0000e+00	0.0000e+00	-2.7353e-04	-1.0705e-06	-1.3641e-05	0.0000e+00
1449	0.0000e+00	0.0000e+00	-2.8484e-04	4.8724e-07	-1.2701e-05	0.0000e+00
1450	0.0000e+00	0.0000e+00	-2.3996e-04	1.7852e-06	-1.1918e-05	0.0000e+00
1451	0.0000e+00	0.0000e+00	-1.4603e-04	2.9295e-06	-1.1363e-05	0.0000e+00
1452	0.0000e+00	0.0000e+00	-1.1081e-05	3.7971e-06	-1.1068e-05	0.0000e+00
1453	0.0000e+00	0.0000e+00	1.4866e-04	4.1092e-06	-1.1027e-05	0.0000e+00
1454	0.0000e+00	0.0000e+00	3.0278e-04	3.4268e-06	-1.1190e-05	0.0000e+00
1455	0.0000e+00	0.0000e+00	3.9835e-04	1.0279e-06	-1.1535e-05	0.0000e+00
1456	0.0000e+00	0.0000e+00	3.5649e-04	-3.1247e-06	-1.3239e-05	0.0000e+00
1457	0.0000e+00	0.0000e+00	5.5718e-04	-3.1454e-06	-2.0125e-05	0.0000e+00
1458	0.0000e+00	0.0000e+00	4.5164e-04	-2.0454e-06	-1.9811e-05	0.0000e+00
1459	0.0000e+00	0.0000e+00	3.9776e-04	-6.2092e-07	-1.8780e-05	0.0000e+00
1460	0.0000e+00	0.0000e+00	4.0166e-04	8.5501e-07	-1.7676e-05	0.0000e+00
1461	0.0000e+00	0.0000e+00	4.6437e-04	2.3028e-06	-1.6794e-05	0.0000e+00
1462	0.0000e+00	0.0000e+00	5.8129e-04	3.5211e-06	-1.6262e-05	0.0000e+00
1463	0.0000e+00	0.0000e+00	7.3713e-04	4.1824e-06	-1.6132e-05	0.0000e+00
1464	0.0000e+00	0.0000e+00	9.0135e-04	3.8582e-06	-1.6442e-05	0.0000e+00
1465	0.0000e+00	0.0000e+00	1.0269e-03	2.2034e-06	-1.7357e-05	0.0000e+00
1466	0.0000e+00	0.0000e+00	1.0598e-03	-6.0674e-07	-1.8914e-05	0.0000e+00
1467	0.0000e+00	0.0000e+00	1.5840e-03	-3.0908e-06	-2.7441e-05	0.0000e+00
1468	0.0000e+00	0.0000e+00	1.4575e-03	-3.0114e-06	-2.6686e-05	0.0000e+00
1469	0.0000e+00	0.0000e+00	1.3544e-03	-1.9975e-06	-2.5351e-05	0.0000e+00
1470	0.0000e+00	0.0000e+00	1.3041e-03	-4.2410e-07	-2.3920e-05	0.0000e+00
1471	0.0000e+00	0.0000e+00	1.3223e-03	1.3789e-06	-2.2739e-05	0.0000e+00
1472	0.0000e+00	0.0000e+00	1.4115e-03	3.0721e-06	-2.1989e-05	0.0000e+00
1473	0.0000e+00	0.0000e+00	1.5599e-03	4.2716e-06	-2.1763e-05	0.0000e+00
1474	0.0000e+00	0.0000e+00	1.7393e-03	4.5671e-06	-2.2113e-05	0.0000e+00
1475	0.0000e+00	0.0000e+00	1.9063e-03	3.6154e-06	-2.3103e-05	0.0000e+00
1476	0.0000e+00	0.0000e+00	2.0049e-03	1.1993e-06	-2.4215e-05	0.0000e+00
1477	0.0000e+00	0.0000e+00	2.9520e-03	-3.8808e-06	-3.5687e-05	0.0000e+00
1478	0.0000e+00	0.0000e+00	2.7769e-03	-4.5710e-06	-3.4139e-05	0.0000e+00
1479	0.0000e+00	0.0000e+00	2.6045e-03	-3.8180e-06	-3.2226e-05	0.0000e+00
1480	0.0000e+00	0.0000e+00	2.4839e-03	-2.0725e-06	-3.0387e-05	0.0000e+00
1481	0.0000e+00	0.0000e+00	2.4444e-03	1.6397e-07	-2.8898e-05	0.0000e+00
1482	0.0000e+00	0.0000e+00	2.4962e-03	2.4252e-06	-2.7911e-05	0.0000e+00

1483	0.0000e+00	0.0000e+00	2.6310e-03	4.2581e-06	-2.7500e-05	0.0000e+00
1484	0.0000e+00	0.0000e+00	2.8224e-03	5.1996e-06	-2.7668e-05	0.0000e+00
1485	0.0000e+00	0.0000e+00	3.0253e-03	4.7759e-06	-2.8408e-05	0.0000e+00
1486	0.0000e+00	0.0000e+00	3.1724e-03	2.3861e-06	-2.8871e-05	0.0000e+00
1487	0.0000e+00	0.0000e+00	4.6716e-03	-5.6879e-06	-4.3387e-05	0.0000e+00
1488	0.0000e+00	0.0000e+00	4.4107e-03	-6.9442e-06	-4.0924e-05	0.0000e+00
1489	0.0000e+00	0.0000e+00	4.1433e-03	-6.1617e-06	-3.8464e-05	0.0000e+00
1490	0.0000e+00	0.0000e+00	3.9355e-03	-4.0772e-06	-3.6294e-05	0.0000e+00
1491	0.0000e+00	0.0000e+00	3.8260e-03	-1.3294e-06	-3.4564e-05	0.0000e+00
1492	0.0000e+00	0.0000e+00	3.8299e-03	1.5287e-06	-3.3352e-05	0.0000e+00
1493	0.0000e+00	0.0000e+00	3.9413e-03	3.9794e-06	-3.2680e-05	0.0000e+00
1494	0.0000e+00	0.0000e+00	4.1331e-03	5.4864e-06	-3.2506e-05	0.0000e+00
1495	0.0000e+00	0.0000e+00	4.3555e-03	5.4268e-06	-3.2814e-05	0.0000e+00
1496	0.0000e+00	0.0000e+00	4.5279e-03	2.9323e-06	-3.2438e-05	0.0000e+00
1497	0.0000e+00	0.0000e+00	6.6627e-03	-8.7449e-06	-4.7723e-05	0.0000e+00
1498	0.0000e+00	0.0000e+00	6.2863e-03	-9.9500e-06	-4.4937e-05	0.0000e+00
1499	0.0000e+00	0.0000e+00	5.9100e-03	-8.8241e-06	-4.2479e-05	0.0000e+00
1500	0.0000e+00	0.0000e+00	5.6074e-03	-6.2865e-06	-4.0335e-05	0.0000e+00
1501	0.0000e+00	0.0000e+00	5.4214e-03	-3.0083e-06	-3.8572e-05	0.0000e+00
1502	0.0000e+00	0.0000e+00	5.3696e-03	4.0833e-07	-3.7229e-05	0.0000e+00
1503	0.0000e+00	0.0000e+00	5.4458e-03	3.3908e-06	-3.6296e-05	0.0000e+00
1504	0.0000e+00	0.0000e+00	5.6214e-03	5.3578e-06	-3.5707e-05	0.0000e+00
1505	0.0000e+00	0.0000e+00	5.8412e-03	5.5479e-06	-3.5491e-05	0.0000e+00
1506	0.0000e+00	0.0000e+00	6.0136e-03	2.8101e-06	-3.4302e-05	0.0000e+00
1507	0.0000e+00	0.0000e+00	8.6929e-03	-9.7661e-06	-4.4989e-05	0.0000e+00
1508	0.0000e+00	0.0000e+00	8.2257e-03	-1.1236e-05	-4.3704e-05	0.0000e+00
1509	0.0000e+00	0.0000e+00	7.7608e-03	-1.0339e-05	-4.2155e-05	0.0000e+00
1510	0.0000e+00	0.0000e+00	7.3763e-03	-7.8707e-06	-4.0575e-05	0.0000e+00
1511	0.0000e+00	0.0000e+00	7.1192e-03	-4.5571e-06	-3.9097e-05	0.0000e+00
1512	0.0000e+00	0.0000e+00	7.0094e-03	-1.0683e-06	-3.7789e-05	0.0000e+00
1513	0.0000e+00	0.0000e+00	7.0406e-03	1.9553e-06	-3.6660e-05	0.0000e+00
1514	0.0000e+00	0.0000e+00	7.1817e-03	3.8786e-06	-3.5674e-05	0.0000e+00
1515	0.0000e+00	0.0000e+00	7.3759e-03	4.0579e-06	-3.4784e-05	0.0000e+00
1516	0.0000e+00	0.0000e+00	1.6876e-04	-2.2822e-06	-1.6477e-05	0.0000e+00
1517	0.0000e+00	0.0000e+00	1.2096e-04	-3.4790e-07	-1.6158e-05	0.0000e+00
1518	0.0000e+00	0.0000e+00	1.2199e-04	3.0373e-07	-1.5643e-05	0.0000e+00
1519	0.0000e+00	0.0000e+00	1.3141e-04	8.9663e-08	-1.4971e-05	0.0000e+00
1520	0.0000e+00	0.0000e+00	1.1279e-04	-1.1556e-06	-1.4047e-05	0.0000e+00
1521	0.0000e+00	0.0000e+00	1.2288e-05	-4.1866e-06	-1.2900e-05	0.0000e+00
1522	0.0000e+00	0.0000e+00	1.0281e-03	-1.2451e-06	-2.3538e-05	0.0000e+00
1523	0.0000e+00	0.0000e+00	9.9023e-04	-6.6956e-07	-2.3994e-05	0.0000e+00
1524	0.0000e+00	0.0000e+00	9.7148e-04	-3.7300e-07	-2.3641e-05	0.0000e+00
1525	0.0000e+00	0.0000e+00	9.5071e-04	-7.9492e-07	-2.2986e-05	0.0000e+00
1526	0.0000e+00	0.0000e+00	8.9557e-04	-2.1323e-06	-2.2294e-05	0.0000e+00
1527	0.0000e+00	0.0000e+00	7.7099e-04	-4.1907e-06	-2.2006e-05	0.0000e+00
1528	0.0000e+00	0.0000e+00	2.2372e-03	-1.3747e-07	-3.2436e-05	0.0000e+00
1529	0.0000e+00	0.0000e+00	2.2205e-03	-6.0614e-07	-3.2866e-05	0.0000e+00
1530	0.0000e+00	0.0000e+00	2.1919e-03	-8.4243e-07	-3.2700e-05	0.0000e+00
1531	0.0000e+00	0.0000e+00	2.1493e-03	-1.3854e-06	-3.2335e-05	0.0000e+00
1532	0.0000e+00	0.0000e+00	2.0734e-03	-2.5331e-06	-3.2041e-05	0.0000e+00
1533	0.0000e+00	0.0000e+00	1.9411e-03	-4.1168e-06	-3.1927e-05	0.0000e+00
1534	0.0000e+00	0.0000e+00	3.8562e-03	5.7059e-07	-4.2220e-05	0.0000e+00
1535	0.0000e+00	0.0000e+00	3.8522e-03	-5.9735e-07	-4.2315e-05	0.0000e+00
1536	0.0000e+00	0.0000e+00	3.8173e-03	-1.0943e-06	-4.2135e-05	0.0000e+00
1537	0.0000e+00	0.0000e+00	3.7651e-03	-1.5786e-06	-4.2031e-05	0.0000e+00
1538	0.0000e+00	0.0000e+00	3.6844e-03	-2.5889e-06	-4.2106e-05	0.0000e+00
1539	0.0000e+00	0.0000e+00	3.5497e-03	-4.2383e-06	-4.2158e-05	0.0000e+00
1540	0.0000e+00	0.0000e+00	5.8865e-03	6.7507e-07	-5.1080e-05	0.0000e+00
1541	0.0000e+00	0.0000e+00	5.8765e-03	-8.8737e-07	-5.0631e-05	0.0000e+00
1542	0.0000e+00	0.0000e+00	5.8319e-03	-1.2484e-06	-5.0351e-05	0.0000e+00
1543	0.0000e+00	0.0000e+00	5.7796e-03	-1.4222e-06	-5.0436e-05	0.0000e+00
1544	0.0000e+00	0.0000e+00	5.7095e-03	-2.2503e-06	-5.0865e-05	0.0000e+00
1545	0.0000e+00	0.0000e+00	5.5836e-03	-4.2841e-06	-5.1310e-05	0.0000e+00
1546	0.0000e+00	0.0000e+00	8.2230e-03	-1.6974e-07	-5.5785e-05	0.0000e+00
1547	0.0000e+00	0.0000e+00	8.1892e-03	-1.4338e-06	-5.5194e-05	0.0000e+00
1548	0.0000e+00	0.0000e+00	8.1343e-03	-1.3139e-06	-5.5054e-05	0.0000e+00
1549	0.0000e+00	0.0000e+00	8.0883e-03	-1.0017e-06	-5.5246e-05	0.0000e+00
1550	0.0000e+00	0.0000e+00	8.0397e-03	-1.4561e-06	-5.5745e-05	0.0000e+00
1551	0.0000e+00	0.0000e+00	7.9380e-03	-3.6863e-06	-5.6462e-05	0.0000e+00
1552	0.0000e+00	0.0000e+00	1.0588e-02	8.0872e-07	-5.2232e-05	0.0000e+00
1553	0.0000e+00	0.0000e+00	1.0558e-02	-7.7547e-07	-5.3044e-05	0.0000e+00
1554	0.0000e+00	0.0000e+00	1.0508e-02	-1.0727e-06	-5.3432e-05	0.0000e+00



1555	0.0000e+00	0.0000e+00	1.0469e-02	-1.1523e-06	-5.3533e-05	0.0000e+00
1556	0.0000e+00	0.0000e+00	1.0428e-02	-2.0910e-06	-5.3318e-05	0.0000e+00
1557	0.0000e+00	0.0000e+00	1.0330e-02	-5.0048e-06	-5.2580e-05	0.0000e+00
1558	0.0000e+00	0.0000e+00	1.1107e-04	-2.1763e-06	-1.6872e-05	0.0000e+00
1559	0.0000e+00	0.0000e+00	6.9724e-05	-1.4312e-07	-1.6517e-05	0.0000e+00
1560	0.0000e+00	0.0000e+00	8.0666e-05	5.8692e-07	-1.5952e-05	0.0000e+00
1561	0.0000e+00	0.0000e+00	1.0268e-04	4.3681e-07	-1.5259e-05	0.0000e+00
1562	0.0000e+00	0.0000e+00	9.9069e-05	-7.4317e-07	-1.4342e-05	0.0000e+00
1563	0.0000e+00	0.0000e+00	1.6228e-05	-3.7025e-06	-1.3180e-05	0.0000e+00
1564	0.0000e+00	0.0000e+00	9.8607e-04	-1.1180e-06	-2.3893e-05	0.0000e+00
1565	0.0000e+00	0.0000e+00	9.5405e-04	-4.9529e-07	-2.4341e-05	0.0000e+00
1566	0.0000e+00	0.0000e+00	9.4377e-04	-1.2345e-07	-2.3962e-05	0.0000e+00
1567	0.0000e+00	0.0000e+00	9.3440e-04	-4.7352e-07	-2.3272e-05	0.0000e+00
1568	0.0000e+00	0.0000e+00	8.9318e-04	-1.7560e-06	-2.2531e-05	0.0000e+00
1569	0.0000e+00	0.0000e+00	7.8390e-04	-3.8106e-06	-2.2164e-05	0.0000e+00
1570	0.0000e+00	0.0000e+00	2.2134e-03	-5.0657e-08	-3.2934e-05	0.0000e+00
1571	0.0000e+00	0.0000e+00	2.2012e-03	-4.6021e-07	-3.3316e-05	0.0000e+00
1572	0.0000e+00	0.0000e+00	2.1796e-03	-6.3360e-07	-3.3106e-05	0.0000e+00
1573	0.0000e+00	0.0000e+00	2.1465e-03	-1.1227e-06	-3.2685e-05	0.0000e+00
1574	0.0000e+00	0.0000e+00	2.0818e-03	-2.2396e-06	-3.2314e-05	0.0000e+00
1575	0.0000e+00	0.0000e+00	1.9611e-03	-3.8322e-06	-3.2109e-05	0.0000e+00
1576	0.0000e+00	0.0000e+00	3.8599e-03	5.6362e-07	-4.3000e-05	0.0000e+00
1577	0.0000e+00	0.0000e+00	3.8573e-03	-5.1722e-07	-4.3005e-05	0.0000e+00
1578	0.0000e+00	0.0000e+00	3.8268e-03	-9.5421e-07	-4.2746e-05	0.0000e+00
1579	0.0000e+00	0.0000e+00	3.7809e-03	-1.4022e-06	-4.2557e-05	0.0000e+00
1580	0.0000e+00	0.0000e+00	3.7075e-03	-2.4002e-06	-4.2530e-05	0.0000e+00
1581	0.0000e+00	0.0000e+00	3.5801e-03	-4.0618e-06	-4.2470e-05	0.0000e+00
1582	0.0000e+00	0.0000e+00	5.9326e-03	5.2966e-07	-5.2265e-05	0.0000e+00
1583	0.0000e+00	0.0000e+00	5.9192e-03	-9.1761e-07	-5.1683e-05	0.0000e+00
1584	0.0000e+00	0.0000e+00	5.8746e-03	-1.2154e-06	-5.1282e-05	0.0000e+00
1585	0.0000e+00	0.0000e+00	5.8242e-03	-1.3627e-06	-5.1248e-05	0.0000e+00
1586	0.0000e+00	0.0000e+00	5.7564e-03	-2.1947e-06	-5.1549e-05	0.0000e+00
1587	0.0000e+00	0.0000e+00	5.6323e-03	-4.2495e-06	-5.1850e-05	0.0000e+00
1588	0.0000e+00	0.0000e+00	8.3314e-03	-4.9043e-07	-5.7485e-05	0.0000e+00
1589	0.0000e+00	0.0000e+00	8.2872e-03	-1.6304e-06	-5.6696e-05	0.0000e+00
1590	0.0000e+00	0.0000e+00	8.2258e-03	-1.4330e-06	-5.6374e-05	0.0000e+00
1591	0.0000e+00	0.0000e+00	8.1758e-03	-1.0850e-06	-5.6413e-05	0.0000e+00
1592	0.0000e+00	0.0000e+00	8.1236e-03	-1.5519e-06	-5.6774e-05	0.0000e+00
1593	0.0000e+00	0.0000e+00	8.0170e-03	-3.8382e-06	-5.7339e-05	0.0000e+00
1594	0.0000e+00	0.0000e+00	1.0783e-02	1.4999e-07	-5.4507e-05	0.0000e+00
1595	0.0000e+00	0.0000e+00	1.0731e-02	-1.2603e-06	-5.4980e-05	0.0000e+00
1596	0.0000e+00	0.0000e+00	1.0665e-02	-1.4252e-06	-5.5111e-05	0.0000e+00
1597	0.0000e+00	0.0000e+00	1.0615e-02	-1.4229e-06	-5.5024e-05	0.0000e+00
1598	0.0000e+00	0.0000e+00	1.0564e-02	-2.3393e-06	-5.4682e-05	0.0000e+00
1599	0.0000e+00	0.0000e+00	1.0456e-02	-5.3002e-06	-5.3879e-05	0.0000e+00
1600	0.0000e+00	0.0000e+00	-1.2101e-04	-2.1595e-06	-1.6007e-05	0.0000e+00
1601	0.0000e+00	0.0000e+00	-1.6109e-04	1.2987e-07	-1.5358e-05	0.0000e+00
1602	0.0000e+00	0.0000e+00	-1.2572e-04	1.4426e-06	-1.4743e-05	0.0000e+00
1603	0.0000e+00	0.0000e+00	-4.4674e-05	2.2337e-06	-1.4217e-05	0.0000e+00
1604	0.0000e+00	0.0000e+00	5.8187e-05	2.4015e-06	-1.3716e-05	0.0000e+00
1605	0.0000e+00	0.0000e+00	1.4737e-04	1.5217e-06	-1.3075e-05	0.0000e+00
1606	0.0000e+00	0.0000e+00	1.5895e-04	-1.3628e-06	-1.2110e-05	0.0000e+00
1607	0.0000e+00	0.0000e+00	-7.9641e-06	-5.4154e-06	-1.4169e-05	0.0000e+00
1608	0.0000e+00	0.0000e+00	7.0995e-04	-1.6794e-06	-2.2663e-05	0.0000e+00
1609	0.0000e+00	0.0000e+00	6.6230e-04	-4.6896e-07	-2.2649e-05	0.0000e+00
1610	0.0000e+00	0.0000e+00	6.6920e-04	7.5274e-07	-2.1963e-05	0.0000e+00
1611	0.0000e+00	0.0000e+00	7.2224e-04	1.6175e-06	-2.1238e-05	0.0000e+00
1612	0.0000e+00	0.0000e+00	8.0007e-04	1.8205e-06	-2.0651e-05	0.0000e+00
1613	0.0000e+00	0.0000e+00	8.6477e-04	9.2891e-07	-2.0246e-05	0.0000e+00
1614	0.0000e+00	0.0000e+00	8.6397e-04	-1.1483e-06	-2.0359e-05	0.0000e+00
1615	0.0000e+00	0.0000e+00	7.6638e-04	-3.0760e-06	-2.1671e-05	0.0000e+00
1616	0.0000e+00	0.0000e+00	1.8677e-03	-1.1896e-06	-3.0957e-05	0.0000e+00
1617	0.0000e+00	0.0000e+00	1.8169e-03	-9.5757e-07	-3.0700e-05	0.0000e+00
1618	0.0000e+00	0.0000e+00	1.7940e-03	-1.9176e-08	-2.9926e-05	0.0000e+00
1619	0.0000e+00	0.0000e+00	1.8160e-03	9.9246e-07	-2.9205e-05	0.0000e+00
1620	0.0000e+00	0.0000e+00	1.8729e-03	1.4862e-06	-2.8844e-05	0.0000e+00
1621	0.0000e+00	0.0000e+00	1.9315e-03	1.0061e-06	-2.8950e-05	0.0000e+00
1622	0.0000e+00	0.0000e+00	1.9467e-03	-4.2487e-07	-2.9529e-05	0.0000e+00
1623	0.0000e+00	0.0000e+00	1.8928e-03	-1.9231e-06	-3.0358e-05	0.0000e+00
1624	0.0000e+00	0.0000e+00	3.4084e-03	-1.3243e-06	-4.0126e-05	0.0000e+00
1625	0.0000e+00	0.0000e+00	3.3347e-03	-1.7682e-06	-3.9238e-05	0.0000e+00
1626	0.0000e+00	0.0000e+00	3.2733e-03	-8.8428e-07	-3.8164e-05	0.0000e+00

1627	0.0000e+00	0.0000e+00	3.2648e-03	5.0332e-07	-3.7441e-05	0.0000e+00
1628	0.0000e+00	0.0000e+00	3.3122e-03	1.5571e-06	-3.7347e-05	0.0000e+00
1629	0.0000e+00	0.0000e+00	3.3856e-03	1.6060e-06	-3.7930e-05	0.0000e+00
1630	0.0000e+00	0.0000e+00	3.4333e-03	3.9228e-07	-3.8901e-05	0.0000e+00
1631	0.0000e+00	0.0000e+00	3.4088e-03	-1.5011e-06	-3.9513e-05	0.0000e+00
1632	0.0000e+00	0.0000e+00	5.3367e-03	-2.3079e-06	-4.8525e-05	0.0000e+00
1633	0.0000e+00	0.0000e+00	5.2090e-03	-3.1104e-06	-4.6830e-05	0.0000e+00
1634	0.0000e+00	0.0000e+00	5.0945e-03	-1.9165e-06	-4.5436e-05	0.0000e+00
1635	0.0000e+00	0.0000e+00	5.0539e-03	1.0667e-07	-4.4660e-05	0.0000e+00
1636	0.0000e+00	0.0000e+00	5.1005e-03	1.9362e-06	-4.4678e-05	0.0000e+00
1637	0.0000e+00	0.0000e+00	5.2055e-03	2.6525e-06	-4.5529e-05	0.0000e+00
1638	0.0000e+00	0.0000e+00	5.3030e-03	1.4690e-06	-4.6953e-05	0.0000e+00
1639	0.0000e+00	0.0000e+00	5.3035e-03	-1.5668e-06	-4.7583e-05	0.0000e+00
1640	0.0000e+00	0.0000e+00	7.5572e-03	-4.4284e-06	-5.3061e-05	0.0000e+00
1641	0.0000e+00	0.0000e+00	7.3513e-03	-4.8812e-06	-5.1209e-05	0.0000e+00
1642	0.0000e+00	0.0000e+00	7.1765e-03	-3.0816e-06	-4.9895e-05	0.0000e+00
1643	0.0000e+00	0.0000e+00	7.1018e-03	-3.1944e-07	-4.9099e-05	0.0000e+00
1644	0.0000e+00	0.0000e+00	7.1459e-03	2.3474e-06	-4.8912e-05	0.0000e+00
1645	0.0000e+00	0.0000e+00	7.2821e-03	3.9065e-06	-4.9377e-05	0.0000e+00
1646	0.0000e+00	0.0000e+00	7.4374e-03	3.2122e-06	-5.0576e-05	0.0000e+00
1647	0.0000e+00	0.0000e+00	7.4661e-03	-2.0431e-06	-5.1372e-05	0.0000e+00
1648	0.0000e+00	0.0000e+00	9.8143e-03	-4.2391e-06	-5.0033e-05	0.0000e+00
1649	0.0000e+00	0.0000e+00	9.5607e-03	-5.0454e-06	-4.9779e-05	0.0000e+00
1650	0.0000e+00	0.0000e+00	9.3436e-03	-3.5454e-06	-4.9191e-05	0.0000e+00
1651	0.0000e+00	0.0000e+00	9.2364e-03	-9.5620e-07	-4.8501e-05	0.0000e+00
1652	0.0000e+00	0.0000e+00	9.2607e-03	1.5540e-06	-4.7756e-05	0.0000e+00
1653	0.0000e+00	0.0000e+00	9.3879e-03	2.8197e-06	-4.6808e-05	0.0000e+00
1654	0.0000e+00	0.0000e+00	9.5386e-03	1.6077e-06	-4.5244e-05	0.0000e+00
1655	0.0000e+00	0.0000e+00	-2.0575e-04	-2.6677e-06	-1.6362e-05	0.0000e+00
1656	0.0000e+00	0.0000e+00	-2.5985e-04	-3.3392e-08	-1.5459e-05	0.0000e+00
1657	0.0000e+00	0.0000e+00	-2.2846e-04	1.3988e-06	-1.4701e-05	0.0000e+00
1658	0.0000e+00	0.0000e+00	-1.5010e-04	2.1322e-06	-1.4115e-05	0.0000e+00
1659	0.0000e+00	0.0000e+00	-5.5488e-05	2.1085e-06	-1.3598e-05	0.0000e+00
1660	0.0000e+00	0.0000e+00	1.5338e-05	9.6983e-07	-1.2950e-05	0.0000e+00
1661	0.0000e+00	0.0000e+00	-2.2986e-06	-2.1306e-06	-1.1959e-05	0.0000e+00
1662	0.0000e+00	0.0000e+00	6.3792e-04	-2.4663e-06	-2.2857e-05	0.0000e+00
1663	0.0000e+00	0.0000e+00	5.6596e-04	-8.2035e-07	-2.2618e-05	0.0000e+00
1664	0.0000e+00	0.0000e+00	5.6333e-04	6.3203e-07	-2.1834e-05	0.0000e+00
1665	0.0000e+00	0.0000e+00	6.1220e-04	1.5108e-06	-2.1114e-05	0.0000e+00
1666	0.0000e+00	0.0000e+00	6.8229e-04	1.5436e-06	-2.0579e-05	0.0000e+00
1667	0.0000e+00	0.0000e+00	7.2895e-04	3.6649e-07	-2.0205e-05	0.0000e+00
1668	0.0000e+00	0.0000e+00	6.9667e-04	-2.0245e-06	-2.0259e-05	0.0000e+00
1669	0.0000e+00	0.0000e+00	1.7962e-03	-2.2531e-06	-3.0736e-05	0.0000e+00
1670	0.0000e+00	0.0000e+00	1.7124e-03	-1.4288e-06	-3.0313e-05	0.0000e+00
1671	0.0000e+00	0.0000e+00	1.6782e-03	-1.1850e-07	-2.9566e-05	0.0000e+00
1672	0.0000e+00	0.0000e+00	1.6991e-03	9.8915e-07	-2.9005e-05	0.0000e+00
1673	0.0000e+00	0.0000e+00	1.7533e-03	1.3130e-06	-2.8842e-05	0.0000e+00
1674	0.0000e+00	0.0000e+00	1.7970e-03	4.6529e-07	-2.9080e-05	0.0000e+00
1675	0.0000e+00	0.0000e+00	1.7787e-03	-1.4268e-06	-2.9641e-05	0.0000e+00
1676	0.0000e+00	0.0000e+00	3.3132e-03	-2.6320e-06	-3.9190e-05	0.0000e+00
1677	0.0000e+00	0.0000e+00	3.2019e-03	-2.2240e-06	-3.8262e-05	0.0000e+00
1678	0.0000e+00	0.0000e+00	3.1346e-03	-7.6721e-07	-3.7440e-05	0.0000e+00
1679	0.0000e+00	0.0000e+00	3.1372e-03	8.1182e-07	-3.7143e-05	0.0000e+00
1680	0.0000e+00	0.0000e+00	3.1955e-03	1.6664e-06	-3.7507e-05	0.0000e+00
1681	0.0000e+00	0.0000e+00	3.2637e-03	1.2014e-06	-3.8430e-05	0.0000e+00
1682	0.0000e+00	0.0000e+00	3.2794e-03	-6.9121e-07	-3.9502e-05	0.0000e+00
1683	0.0000e+00	0.0000e+00	5.1794e-03	-3.7575e-06	-4.6509e-05	0.0000e+00
1684	0.0000e+00	0.0000e+00	5.0171e-03	-3.3104e-06	-4.5024e-05	0.0000e+00
1685	0.0000e+00	0.0000e+00	4.9149e-03	-1.2704e-06	-4.4248e-05	0.0000e+00
1686	0.0000e+00	0.0000e+00	4.9117e-03	1.0533e-06	-4.4290e-05	0.0000e+00
1687	0.0000e+00	0.0000e+00	4.9967e-03	2.6302e-06	-4.5152e-05	0.0000e+00
1688	0.0000e+00	0.0000e+00	5.1182e-03	2.6120e-06	-4.6701e-05	0.0000e+00
1689	0.0000e+00	0.0000e+00	5.1929e-03	4.1104e-07	-4.8466e-05	0.0000e+00
1690	0.0000e+00	0.0000e+00	7.2821e-03	-5.7585e-06	-4.9524e-05	0.0000e+00
1691	0.0000e+00	0.0000e+00	7.0608e-03	-4.3583e-06	-4.8429e-05	0.0000e+00
1692	0.0000e+00	0.0000e+00	6.9355e-03	-1.4316e-06	-4.8254e-05	0.0000e+00
1693	0.0000e+00	0.0000e+00	6.9434e-03	1.7268e-06	-4.8731e-05	0.0000e+00
1694	0.0000e+00	0.0000e+00	7.0722e-03	4.0962e-06	-4.9846e-05	0.0000e+00
1695	0.0000e+00	0.0000e+00	7.2656e-03	4.6871e-06	-5.1534e-05	0.0000e+00
1696	0.0000e+00	0.0000e+00	7.4228e-03	2.4211e-06	-5.3621e-05	0.0000e+00
1697	0.0000e+00	0.0000e+00	9.3481e-03	-4.7606e-06	-4.4889e-05	0.0000e+00
1698	0.0000e+00	0.0000e+00	9.1337e-03	-3.4782e-06	-4.6350e-05	0.0000e+00

1699	0.0000e+00	0.0000e+00	9.0264e-03	-7.5040e-07	-4.7368e-05	0.0000e+00
1700	0.0000e+00	0.0000e+00	9.0646e-03	2.2931e-06	-4.8266e-05	0.0000e+00
1701	0.0000e+00	0.0000e+00	9.2378e-03	4.5335e-06	-4.9144e-05	0.0000e+00
1702	0.0000e+00	0.0000e+00	9.4867e-03	4.8165e-06	-4.9909e-05	0.0000e+00
1703	0.0000e+00	0.0000e+00	9.7007e-03	1.8822e-06	-5.0247e-05	0.0000e+00
1704	0.0000e+00	0.0000e+00	3.9569e-03	-2.7658e-05	-1.3251e-05	0.0000e+00
1705	0.0000e+00	0.0000e+00	4.6870e-03	-2.6868e-05	-2.0391e-05	0.0000e+00
1706	0.0000e+00	0.0000e+00	5.7230e-03	-2.6348e-05	-2.7347e-05	0.0000e+00
1707	0.0000e+00	0.0000e+00	7.0418e-03	-2.6262e-05	-3.3430e-05	0.0000e+00
1708	0.0000e+00	0.0000e+00	8.5908e-03	-2.6467e-05	-3.7967e-05	0.0000e+00
1709	0.0000e+00	0.0000e+00	1.0283e-02	-2.6678e-05	-4.0025e-05	0.0000e+00
1710	0.0000e+00	0.0000e+00	2.1934e-04	-2.8241e-06	-1.5601e-05	0.0000e+00
1711	0.0000e+00	0.0000e+00	1.0145e-03	-1.2042e-06	-2.1052e-05	0.0000e+00
1712	0.0000e+00	0.0000e+00	2.0330e-03	2.9636e-07	-2.5898e-05	0.0000e+00
1713	0.0000e+00	0.0000e+00	3.2480e-03	1.2597e-06	-3.0105e-05	0.0000e+00
1714	0.0000e+00	0.0000e+00	4.6232e-03	1.6207e-06	-3.3275e-05	0.0000e+00
1715	0.0000e+00	0.0000e+00	6.1012e-03	1.4169e-06	-3.4838e-05	0.0000e+00
1716	0.0000e+00	0.0000e+00	7.8222e-03	6.8896e-06	3.9994e-05	0.0000e+00
1717	0.0000e+00	0.0000e+00	6.1116e-03	7.0753e-06	3.8489e-05	0.0000e+00
1718	0.0000e+00	0.0000e+00	4.5116e-03	6.7420e-06	3.4958e-05	0.0000e+00
1719	0.0000e+00	0.0000e+00	3.0919e-03	5.9386e-06	3.0211e-05	0.0000e+00
1720	0.0000e+00	0.0000e+00	1.8938e-03	4.7281e-06	2.4791e-05	0.0000e+00
1721	0.0000e+00	0.0000e+00	9.3846e-04	3.1819e-06	1.9065e-05	0.0000e+00
1722	0.0000e+00	0.0000e+00	2.3456e-04	1.3553e-06	1.3252e-05	0.0000e+00
1723	0.0000e+00	0.0000e+00	-2.1553e-04	-6.9280e-07	7.4215e-06	0.0000e+00
1724	0.0000e+00	0.0000e+00	-4.0650e-04	-2.6130e-06	1.3600e-06	0.0000e+00
1725	0.0000e+00	0.0000e+00	1.3585e-02	-3.5366e-05	5.7004e-05	0.0000e+00
1726	0.0000e+00	0.0000e+00	1.1168e-02	-3.3514e-05	5.3899e-05	0.0000e+00
1727	0.0000e+00	0.0000e+00	8.9552e-03	-3.1417e-05	4.7681e-05	0.0000e+00
1728	0.0000e+00	0.0000e+00	7.0507e-03	-2.9476e-05	3.9750e-05	0.0000e+00
1729	0.0000e+00	0.0000e+00	5.5106e-03	-2.7867e-05	3.0949e-05	0.0000e+00
1730	0.0000e+00	0.0000e+00	4.3602e-03	-2.6760e-05	2.1854e-05	0.0000e+00
1731	0.0000e+00	0.0000e+00	3.6041e-03	-2.6316e-05	1.2849e-05	0.0000e+00
1732	0.0000e+00	0.0000e+00	3.2321e-03	-2.6628e-05	4.2121e-06	0.0000e+00
1733	0.0000e+00	0.0000e+00	3.2201e-03	-2.7443e-05	-3.6718e-06	0.0000e+00
1734	0.0000e+00	0.0000e+00	1.1214e-02	-2.6485e-05	-3.5719e-05	0.0000e+00
1735	0.0000e+00	0.0000e+00	1.0257e-02	-2.1285e-05	-3.6250e-05	0.0000e+00
1736	0.0000e+00	0.0000e+00	9.5342e-03	-1.4863e-05	-3.6813e-05	0.0000e+00
1737	0.0000e+00	0.0000e+00	9.0758e-03	-8.0679e-06	-3.7427e-05	0.0000e+00
1738	0.0000e+00	0.0000e+00	8.8824e-03	-1.6151e-06	-3.8090e-05	0.0000e+00
1739	0.0000e+00	0.0000e+00	8.9262e-03	3.7933e-06	-3.8781e-05	0.0000e+00
1740	0.0000e+00	0.0000e+00	9.1509e-03	7.4290e-06	-3.9432e-05	0.0000e+00
1741	0.0000e+00	0.0000e+00	9.4700e-03	8.5035e-06	-3.9901e-05	0.0000e+00
1742	0.0000e+00	0.0000e+00	9.7637e-03	6.1481e-06	-3.9979e-05	0.0000e+00
1743	0.0000e+00	0.0000e+00	9.7411e-03	-5.3177e-06	-4.1271e-05	0.0000e+00
1744	0.0000e+00	0.0000e+00	9.5141e-03	-4.9354e-06	-4.1782e-05	0.0000e+00
1745	0.0000e+00	0.0000e+00	9.3653e-03	-1.8261e-06	-4.2222e-05	0.0000e+00
1746	0.0000e+00	0.0000e+00	9.3883e-03	2.8738e-06	-4.2790e-05	0.0000e+00
1747	0.0000e+00	0.0000e+00	9.6315e-03	8.1897e-06	-4.3593e-05	0.0000e+00
1748	0.0000e+00	0.0000e+00	1.0101e-02	1.3155e-05	-4.4647e-05	0.0000e+00
1749	0.0000e+00	0.0000e+00	1.0758e-02	1.6743e-05	-4.5858e-05	0.0000e+00
1750	0.0000e+00	0.0000e+00	1.1517e-02	1.7798e-05	-4.7000e-05	0.0000e+00
1751	0.0000e+00	0.0000e+00	1.2239e-02	1.5017e-05	-4.7733e-05	0.0000e+00
1752	0.0000e+00	0.0000e+00	1.4850e-02	-3.8989e-05	4.5985e-05	0.0000e+00
1753	0.0000e+00	0.0000e+00	1.3388e-02	-3.4267e-05	4.6693e-05	0.0000e+00
1754	0.0000e+00	0.0000e+00	1.2159e-02	-2.7230e-05	4.6440e-05	0.0000e+00
1755	0.0000e+00	0.0000e+00	1.1230e-02	-1.9259e-05	4.5909e-05	0.0000e+00
1756	0.0000e+00	0.0000e+00	1.0618e-02	-1.1376e-05	4.5339e-05	0.0000e+00
1757	0.0000e+00	0.0000e+00	1.0301e-02	-4.4822e-06	4.4766e-05	0.0000e+00
1758	0.0000e+00	0.0000e+00	1.0222e-02	5.3964e-07	4.4084e-05	0.0000e+00
1759	0.0000e+00	0.0000e+00	1.0288e-02	2.7447e-06	4.2995e-05	0.0000e+00
1760	0.0000e+00	0.0000e+00	1.0364e-02	1.1772e-06	4.1015e-05	0.0000e+00
1761	0.0000e+00	0.0000e+00	1.0096e-02	-6.3950e-06	4.1117e-05	0.0000e+00
1762	0.0000e+00	0.0000e+00	9.8301e-03	-5.7579e-06	4.2431e-05	0.0000e+00
1763	0.0000e+00	0.0000e+00	9.6551e-03	-2.2107e-06	4.3117e-05	0.0000e+00
1764	0.0000e+00	0.0000e+00	9.6722e-03	2.9903e-06	4.3720e-05	0.0000e+00
1765	0.0000e+00	0.0000e+00	9.9308e-03	8.7696e-06	4.4467e-05	0.0000e+00
1766	0.0000e+00	0.0000e+00	1.0433e-02	1.4088e-05	4.5363e-05	0.0000e+00
1767	0.0000e+00	0.0000e+00	1.1135e-02	1.7828e-05	4.6211e-05	0.0000e+00
1768	0.0000e+00	0.0000e+00	1.1937e-02	1.8675e-05	4.6539e-05	0.0000e+00
1769	0.0000e+00	0.0000e+00	1.2676e-02	1.5090e-05	4.5488e-05	0.0000e+00
1770	0.0000e+00	0.0000e+00	1.2271e-02	-1.4639e-05	4.6165e-05	0.0000e+00

1771	0.0000e+00	0.0000e+00	1.1641e-02	-1.4107e-05	4.7428e-05	0.0000e+00
1772	0.0000e+00	0.0000e+00	1.1107e-02	-1.0171e-05	4.7711e-05	0.0000e+00
1773	0.0000e+00	0.0000e+00	1.0789e-02	-4.3218e-06	4.7727e-05	0.0000e+00
1774	0.0000e+00	0.0000e+00	1.0742e-02	2.1876e-06	4.7808e-05	0.0000e+00
1775	0.0000e+00	0.0000e+00	1.0970e-02	8.2005e-06	4.8016e-05	0.0000e+00
1776	0.0000e+00	0.0000e+00	1.1426e-02	1.2527e-05	4.8193e-05	0.0000e+00
1777	0.0000e+00	0.0000e+00	1.2004e-02	1.3820e-05	4.7888e-05	0.0000e+00
1778	0.0000e+00	0.0000e+00	1.2537e-02	1.0535e-05	4.6254e-05	0.0000e+00
1779	0.0000e+00	0.0000e+00	1.1697e-02	-1.5310e-05	-4.8850e-05	0.0000e+00
1780	0.0000e+00	0.0000e+00	1.1053e-02	-1.3910e-05	-4.8209e-05	0.0000e+00
1781	0.0000e+00	0.0000e+00	1.0533e-02	-9.7323e-06	-4.7533e-05	0.0000e+00
1782	0.0000e+00	0.0000e+00	1.0230e-02	-4.0354e-06	-4.7027e-05	0.0000e+00
1783	0.0000e+00	0.0000e+00	1.0188e-02	2.1159e-06	-4.6811e-05	0.0000e+00
1784	0.0000e+00	0.0000e+00	1.0404e-02	7.6987e-06	-4.6905e-05	0.0000e+00
1785	0.0000e+00	0.0000e+00	1.0829e-02	1.1657e-05	-4.7211e-05	0.0000e+00
1786	0.0000e+00	0.0000e+00	1.1367e-02	1.2827e-05	-4.7492e-05	0.0000e+00
1787	0.0000e+00	0.0000e+00	1.1867e-02	9.8909e-06	-4.7363e-05	0.0000e+00
1788	0.0000e+00	0.0000e+00	1.1498e-02	-1.0818e-05	-4.7934e-05	0.0000e+00
1789	0.0000e+00	0.0000e+00	1.1026e-02	-1.0568e-05	-4.7876e-05	0.0000e+00
1790	0.0000e+00	0.0000e+00	1.0637e-02	-7.1497e-06	-4.7691e-05	0.0000e+00
1791	0.0000e+00	0.0000e+00	1.0438e-02	-1.8813e-06	-4.7648e-05	0.0000e+00
1792	0.0000e+00	0.0000e+00	1.0488e-02	4.1380e-06	-4.7886e-05	0.0000e+00
1793	0.0000e+00	0.0000e+00	1.0795e-02	9.8527e-06	-4.8442e-05	0.0000e+00
1794	0.0000e+00	0.0000e+00	1.1323e-02	1.4171e-05	-4.9236e-05	0.0000e+00
1795	0.0000e+00	0.0000e+00	1.1984e-02	1.5891e-05	-5.0050e-05	0.0000e+00
1796	0.0000e+00	0.0000e+00	1.2634e-02	1.3659e-05	-5.0523e-05	0.0000e+00
1797	0.0000e+00	0.0000e+00	1.2115e-02	-1.1396e-05	4.5882e-05	0.0000e+00
1798	0.0000e+00	0.0000e+00	1.1611e-02	-1.1579e-05	4.7371e-05	0.0000e+00
1799	0.0000e+00	0.0000e+00	1.1178e-02	-8.1439e-06	4.7869e-05	0.0000e+00
1800	0.0000e+00	0.0000e+00	1.0942e-02	-2.5935e-06	4.8076e-05	0.0000e+00
1801	0.0000e+00	0.0000e+00	1.0968e-02	3.7950e-06	4.8316e-05	0.0000e+00
1802	0.0000e+00	0.0000e+00	1.1268e-02	9.8330e-06	4.8646e-05	0.0000e+00
1803	0.0000e+00	0.0000e+00	1.1798e-02	1.4290e-05	4.8895e-05	0.0000e+00
1804	0.0000e+00	0.0000e+00	1.2459e-02	1.5771e-05	4.8600e-05	0.0000e+00
1805	0.0000e+00	0.0000e+00	1.3081e-02	1.2692e-05	4.6919e-05	0.0000e+00
1806	0.0000e+00	0.0000e+00	1.2148e-02	-1.5947e-05	4.4697e-05	0.0000e+00
1807	0.0000e+00	0.0000e+00	1.1452e-02	-1.5793e-05	4.5633e-05	0.0000e+00
1808	0.0000e+00	0.0000e+00	1.0833e-02	-1.2370e-05	4.5536e-05	0.0000e+00
1809	0.0000e+00	0.0000e+00	1.0403e-02	-7.1542e-06	4.5084e-05	0.0000e+00
1810	0.0000e+00	0.0000e+00	1.0216e-02	-1.3838e-06	4.4601e-05	0.0000e+00
1811	0.0000e+00	0.0000e+00	1.0269e-02	3.8097e-06	4.4153e-05	0.0000e+00
1812	0.0000e+00	0.0000e+00	1.0513e-02	7.2833e-06	4.3596e-05	0.0000e+00
1813	0.0000e+00	0.0000e+00	1.0843e-02	7.7713e-06	4.2528e-05	0.0000e+00
1814	0.0000e+00	0.0000e+00	1.1097e-02	3.8731e-06	4.0219e-05	0.0000e+00
1815	0.0000e+00	0.0000e+00	1.0833e-02	-8.9007e-06	3.9177e-05	0.0000e+00
1816	0.0000e+00	0.0000e+00	1.0443e-02	-1.0693e-05	4.0215e-05	0.0000e+00
1817	0.0000e+00	0.0000e+00	1.0040e-02	-9.4371e-06	4.0303e-05	0.0000e+00
1818	0.0000e+00	0.0000e+00	9.7279e-03	-6.1811e-06	3.9918e-05	0.0000e+00
1819	0.0000e+00	0.0000e+00	9.5672e-03	-1.8505e-06	3.9342e-05	0.0000e+00
1820	0.0000e+00	0.0000e+00	9.5846e-03	2.7204e-06	3.8683e-05	0.0000e+00
1821	0.0000e+00	0.0000e+00	9.7733e-03	6.7189e-06	3.7914e-05	0.0000e+00
1822	0.0000e+00	0.0000e+00	1.0093e-02	9.2812e-06	3.6837e-05	0.0000e+00
1823	0.0000e+00	0.0000e+00	1.0465e-02	9.4526e-06	3.4986e-05	0.0000e+00
1824	0.0000e+00	0.0000e+00	1.1821e-02	-1.6393e-05	-4.9559e-05	0.0000e+00
1825	0.0000e+00	0.0000e+00	1.1124e-02	-1.5256e-05	-4.8492e-05	0.0000e+00
1826	0.0000e+00	0.0000e+00	1.0538e-02	-1.1398e-05	-4.7363e-05	0.0000e+00
1827	0.0000e+00	0.0000e+00	1.0153e-02	-6.1069e-06	-4.6394e-05	0.0000e+00
1828	0.0000e+00	0.0000e+00	1.0009e-02	-4.5351e-07	-4.5696e-05	0.0000e+00
1829	0.0000e+00	0.0000e+00	1.0099e-02	4.5445e-06	-4.5287e-05	0.0000e+00
1830	0.0000e+00	0.0000e+00	1.0371e-02	7.8475e-06	-4.5068e-05	0.0000e+00
1831	0.0000e+00	0.0000e+00	1.0726e-02	8.3221e-06	-4.4807e-05	0.0000e+00
1832	0.0000e+00	0.0000e+00	1.1012e-02	4.6830e-06	-4.4100e-05	0.0000e+00
1833	0.0000e+00	0.0000e+00	1.0661e-02	-1.2003e-05	-4.2906e-05	0.0000e+00
1834	0.0000e+00	0.0000e+00	1.0145e-02	-1.3707e-05	-4.1944e-05	0.0000e+00
1835	0.0000e+00	0.0000e+00	9.6175e-03	-1.2643e-05	-4.0642e-05	0.0000e+00
1836	0.0000e+00	0.0000e+00	9.1674e-03	-9.8583e-06	-3.9259e-05	0.0000e+00
1837	0.0000e+00	0.0000e+00	8.8474e-03	-6.1492e-06	-3.7906e-05	0.0000e+00
1838	0.0000e+00	0.0000e+00	8.6799e-03	-2.2331e-06	-3.6644e-05	0.0000e+00
1839	0.0000e+00	0.0000e+00	8.6596e-03	1.2096e-06	-3.5493e-05	0.0000e+00
1840	0.0000e+00	0.0000e+00	8.7544e-03	3.5143e-06	-3.4439e-05	0.0000e+00
1841	0.0000e+00	0.0000e+00	8.9057e-03	4.0360e-06	-3.3462e-05	0.0000e+00
1842	0.0000e+00	0.0000e+00	1.2874e-02	1.1330e-06	-4.9909e-05	0.0000e+00

1843	0.0000e+00	0.0000e+00	1.2882e-02	-6.6445e-07	-5.0716e-05	0.0000e+00
1844	0.0000e+00	0.0000e+00	1.2850e-02	-9.0771e-07	-5.1103e-05	0.0000e+00
1845	0.0000e+00	0.0000e+00	1.2813e-02	-9.1659e-07	-5.1134e-05	0.0000e+00
1846	0.0000e+00	0.0000e+00	1.2757e-02	-1.8901e-06	-5.0744e-05	0.0000e+00
1847	0.0000e+00	0.0000e+00	1.2620e-02	-5.0310e-06	-4.9817e-05	0.0000e+00
1848	0.0000e+00	0.0000e+00	1.3390e-02	3.3172e-06	4.6917e-05	0.0000e+00
1849	0.0000e+00	0.0000e+00	1.3471e-02	6.1287e-07	4.9384e-05	0.0000e+00
1850	0.0000e+00	0.0000e+00	1.3478e-02	-2.7098e-07	5.0443e-05	0.0000e+00
1851	0.0000e+00	0.0000e+00	1.3457e-02	-7.7430e-07	5.0438e-05	0.0000e+00
1852	0.0000e+00	0.0000e+00	1.3394e-02	-2.3777e-06	4.9313e-05	0.0000e+00
1853	0.0000e+00	0.0000e+00	1.3214e-02	-6.4266e-06	4.6677e-05	0.0000e+00
1854	0.0000e+00	0.0000e+00	1.3172e-02	1.0598e-07	-5.2156e-05	0.0000e+00
1855	0.0000e+00	0.0000e+00	1.3143e-02	-1.4543e-06	-5.2682e-05	0.0000e+00
1856	0.0000e+00	0.0000e+00	1.3084e-02	-1.4887e-06	-5.2821e-05	0.0000e+00
1857	0.0000e+00	0.0000e+00	1.3027e-02	-1.3451e-06	-5.2657e-05	0.0000e+00
1858	0.0000e+00	0.0000e+00	1.2956e-02	-2.2360e-06	-5.2122e-05	0.0000e+00
1859	0.0000e+00	0.0000e+00	1.2804e-02	-5.3956e-06	-5.1054e-05	0.0000e+00
1860	0.0000e+00	0.0000e+00	1.3635e-02	1.7684e-06	4.7569e-05	0.0000e+00
1861	0.0000e+00	0.0000e+00	1.3656e-02	-8.0192e-07	4.9779e-05	0.0000e+00
1862	0.0000e+00	0.0000e+00	1.3609e-02	-1.5864e-06	5.0573e-05	0.0000e+00
1863	0.0000e+00	0.0000e+00	1.3537e-02	-2.0299e-06	5.0266e-05	0.0000e+00
1864	0.0000e+00	0.0000e+00	1.3423e-02	-3.6229e-06	4.8798e-05	0.0000e+00
1865	0.0000e+00	0.0000e+00	1.3193e-02	-7.6966e-06	4.5806e-05	0.0000e+00
1866	0.0000e+00	0.0000e+00	1.2876e-02	-1.3209e-06	4.7401e-05	0.0000e+00
1867	0.0000e+00	0.0000e+00	1.2792e-02	-2.6330e-06	4.9790e-05	0.0000e+00
1868	0.0000e+00	0.0000e+00	1.2714e-02	-9.2454e-07	5.0919e-05	0.0000e+00
1869	0.0000e+00	0.0000e+00	1.2740e-02	2.0880e-06	5.1388e-05	0.0000e+00
1870	0.0000e+00	0.0000e+00	1.2890e-02	4.8042e-06	5.1346e-05	0.0000e+00
1871	0.0000e+00	0.0000e+00	1.3117e-02	5.5968e-06	5.0523e-05	0.0000e+00
1872	0.0000e+00	0.0000e+00	1.3297e-02	2.7768e-06	4.8225e-05	0.0000e+00
1873	0.0000e+00	0.0000e+00	1.3101e-02	-5.8313e-06	4.8280e-05	0.0000e+00
1874	0.0000e+00	0.0000e+00	1.2841e-02	-6.1130e-06	5.0139e-05	0.0000e+00
1875	0.0000e+00	0.0000e+00	1.2626e-02	-3.7640e-06	5.0800e-05	0.0000e+00
1876	0.0000e+00	0.0000e+00	1.2533e-02	-4.7492e-07	5.0836e-05	0.0000e+00
1877	0.0000e+00	0.0000e+00	1.2570e-02	2.1847e-06	5.0387e-05	0.0000e+00
1878	0.0000e+00	0.0000e+00	1.2675e-02	2.6252e-06	4.9181e-05	0.0000e+00
1879	0.0000e+00	0.0000e+00	1.2712e-02	-7.9876e-07	4.6524e-05	0.0000e+00
1880	0.0000e+00	0.0000e+00	1.2005e-02	-5.4324e-06	-4.7862e-05	0.0000e+00
1881	0.0000e+00	0.0000e+00	1.1746e-02	-6.3382e-06	-4.7772e-05	0.0000e+00
1882	0.0000e+00	0.0000e+00	1.1507e-02	-4.5972e-06	-4.7323e-05	0.0000e+00
1883	0.0000e+00	0.0000e+00	1.1370e-02	-1.6857e-06	-4.6664e-05	0.0000e+00
1884	0.0000e+00	0.0000e+00	1.1357e-02	1.0909e-06	-4.5797e-05	0.0000e+00
1885	0.0000e+00	0.0000e+00	1.1434e-02	2.4435e-06	-4.4619e-05	0.0000e+00
1886	0.0000e+00	0.0000e+00	1.1513e-02	1.1752e-06	-4.3102e-05	0.0000e+00
1887	0.0000e+00	0.0000e+00	1.1323e-02	-4.1400e-06	-4.3360e-05	0.0000e+00
1888	0.0000e+00	0.0000e+00	1.1169e-02	-2.8201e-06	-4.4507e-05	0.0000e+00
1889	0.0000e+00	0.0000e+00	1.1110e-02	1.3193e-07	-4.5580e-05	0.0000e+00
1890	0.0000e+00	0.0000e+00	1.1189e-02	3.5005e-06	-4.6491e-05	0.0000e+00
1891	0.0000e+00	0.0000e+00	1.1398e-02	6.0529e-06	-4.7229e-05	0.0000e+00
1892	0.0000e+00	0.0000e+00	1.1672e-02	6.4898e-06	-4.7679e-05	0.0000e+00
1893	0.0000e+00	0.0000e+00	1.1888e-02	3.4102e-06	-4.7567e-05	0.0000e+00
2124	-2.3175e-03	7.4989e-02	0.0000e+00	0.0000e+00	0.0000e+00	2.6948e-06

SPOSTAMENTI NODALI "V+y" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	7.4830e-04	-1.2805e-05	3.4752e-08	0.0000e+00
2	0.0000e+00	0.0000e+00	-1.7407e-03	-4.0483e-06	-5.8139e-06	0.0000e+00
3	0.0000e+00	0.0000e+00	-1.4300e-03	-4.4833e-06	-6.4507e-06	0.0000e+00
4	0.0000e+00	0.0000e+00	-1.8918e-03	-2.3259e-06	-7.6679e-06	0.0000e+00
5	0.0000e+00	0.0000e+00	-1.4148e-03	-3.4506e-06	-6.7660e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	-1.6179e-03	-3.3863e-06	-7.4405e-06	0.0000e+00
7	0.0000e+00	0.0000e+00	-1.6644e-03	-2.0524e-06	-7.5712e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	-1.3000e-03	-4.5731e-06	-6.8170e-06	0.0000e+00
9	0.0000e+00	0.0000e+00	-1.7168e-03	-1.9492e-06	-7.7846e-06	0.0000e+00
10	0.0000e+00	0.0000e+00	-9.4994e-04	-4.1570e-06	-7.1796e-06	0.0000e+00
11	0.0000e+00	0.0000e+00	-4.3119e-03	-2.0087e-05	-1.3757e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	9.8754e-04	-1.7227e-05	7.3625e-07	0.0000e+00
13	0.0000e+00	0.0000e+00	-9.5658e-05	-1.2885e-05	2.0334e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	3.4566e-04	-1.3636e-05	1.6599e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	-1.6726e-04	-1.3313e-05	1.8465e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	2.0755e-04	-1.3157e-05	1.2418e-06	0.0000e+00

17	0.0000e+00	0.0000e+00	7.0821e-05	-1.3283e-05	1.1956e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	-5.0075e-05	-1.2940e-05	1.0419e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	3.0530e-04	-1.3723e-05	5.2586e-07	0.0000e+00
20	0.0000e+00	0.0000e+00	-2.1930e-04	-1.3305e-05	7.0413e-07	0.0000e+00
21	0.0000e+00	0.0000e+00	2.8105e-04	-1.2840e-05	1.0173e-08	0.0000e+00
22	0.0000e+00	0.0000e+00	-1.3142e-03	-2.0897e-05	1.6357e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	2.3291e-04	-1.1452e-05	3.9167e-06	0.0000e+00
24	0.0000e+00	0.0000e+00	-1.7317e-03	-3.6782e-06	8.2302e-06	0.0000e+00
25	0.0000e+00	0.0000e+00	-1.3508e-03	-4.6448e-06	8.3309e-06	0.0000e+00
26	0.0000e+00	0.0000e+00	-1.8647e-03	-2.5609e-06	8.8381e-06	0.0000e+00
27	0.0000e+00	0.0000e+00	-1.3149e-03	-3.2529e-06	7.3133e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	-1.4059e-03	-3.4964e-06	6.1368e-06	0.0000e+00
29	0.0000e+00	0.0000e+00	-1.5738e-03	-2.4026e-06	7.1432e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	-1.1895e-03	-4.7471e-06	6.3780e-06	0.0000e+00
31	0.0000e+00	0.0000e+00	-1.6832e-03	-2.2417e-06	6.6627e-06	0.0000e+00
32	0.0000e+00	0.0000e+00	-7.6583e-04	-3.2454e-06	4.5244e-06	0.0000e+00
33	0.0000e+00	0.0000e+00	-2.9991e-03	-1.6396e-05	6.5831e-06	0.0000e+00
67	0.0000e+00	0.0000e+00	7.3839e-04	-1.2411e-05	-2.6408e-07	0.0000e+00
68	0.0000e+00	0.0000e+00	-1.9754e-03	-3.5307e-06	-4.6077e-06	0.0000e+00
69	0.0000e+00	0.0000e+00	-1.7023e-03	-3.8278e-06	-5.5002e-06	0.0000e+00
70	0.0000e+00	0.0000e+00	-2.2085e-03	-1.4600e-06	-6.3614e-06	0.0000e+00
71	0.0000e+00	0.0000e+00	-1.6962e-03	-2.7144e-06	-5.7031e-06	0.0000e+00
72	0.0000e+00	0.0000e+00	-1.9249e-03	-2.6214e-06	-6.1667e-06	0.0000e+00
73	0.0000e+00	0.0000e+00	-1.9726e-03	-1.1688e-06	-6.1358e-06	0.0000e+00
74	0.0000e+00	0.0000e+00	-1.5802e-03	-3.9294e-06	-5.5960e-06	0.0000e+00
75	0.0000e+00	0.0000e+00	-2.0317e-03	-1.0152e-06	-6.2760e-06	0.0000e+00
76	0.0000e+00	0.0000e+00	-1.2565e-03	-3.6385e-06	-6.5035e-06	0.0000e+00
77	0.0000e+00	0.0000e+00	-4.8549e-03	-1.9300e-05	-1.0709e-05	0.0000e+00
78	0.0000e+00	0.0000e+00	5.2713e-05	-1.0631e-05	4.0921e-06	0.0000e+00
79	0.0000e+00	0.0000e+00	-2.0772e-03	-2.9093e-06	7.5597e-06	0.0000e+00
80	0.0000e+00	0.0000e+00	-1.7132e-03	-3.8587e-06	7.9956e-06	0.0000e+00
81	0.0000e+00	0.0000e+00	-2.2444e-03	-1.4080e-06	8.3544e-06	0.0000e+00
82	0.0000e+00	0.0000e+00	-1.6322e-03	-2.2578e-06	7.0151e-06	0.0000e+00
83	0.0000e+00	0.0000e+00	-1.6844e-03	-2.5394e-06	6.2371e-06	0.0000e+00
84	0.0000e+00	0.0000e+00	-1.8839e-03	-1.3618e-06	6.8589e-06	0.0000e+00
85	0.0000e+00	0.0000e+00	-1.4740e-03	-3.9236e-06	6.3302e-06	0.0000e+00
86	0.0000e+00	0.0000e+00	-1.9746e-03	-1.0461e-06	6.4568e-06	0.0000e+00
87	0.0000e+00	0.0000e+00	-9.7368e-04	-2.3353e-06	4.6954e-06	0.0000e+00
88	0.0000e+00	0.0000e+00	-3.2798e-03	-1.5513e-05	6.0678e-06	0.0000e+00
89	0.0000e+00	0.0000e+00	1.2836e-03	-1.1593e-05	5.4590e-07	0.0000e+00
90	0.0000e+00	0.0000e+00	1.6406e-03	-1.3656e-05	5.3467e-07	0.0000e+00
91	0.0000e+00	0.0000e+00	7.2102e-04	-1.0677e-05	3.6929e-06	0.0000e+00
92	0.0000e+00	0.0000e+00	1.2884e-03	-1.1967e-05	-2.7522e-07	0.0000e+00
93	0.0000e+00	0.0000e+00	5.4066e-04	-1.0834e-05	4.2884e-06	0.0000e+00
94	0.0000e+00	0.0000e+00	-3.9770e-03	-1.5291e-05	5.8470e-06	0.0000e+00
95	0.0000e+00	0.0000e+00	-5.1392e-03	-1.7809e-05	-1.4153e-05	0.0000e+00
96	0.0000e+00	0.0000e+00	-2.1349e-03	-1.7402e-05	1.8956e-06	0.0000e+00
97	0.0000e+00	0.0000e+00	-3.6898e-03	-1.5053e-05	7.0509e-06	0.0000e+00
98	0.0000e+00	0.0000e+00	-5.7106e-03	-1.8458e-05	-1.1532e-05	0.0000e+00
99	0.0000e+00	0.0000e+00	7.4784e-04	-1.1087e-05	-6.9392e-08	0.0000e+00
100	0.0000e+00	0.0000e+00	3.3846e-04	-9.2818e-06	-1.0741e-06	0.0000e+00
101	0.0000e+00	0.0000e+00	2.9679e-04	-1.0346e-05	-7.7892e-07	0.0000e+00
102	0.0000e+00	0.0000e+00	3.1114e-06	-7.4875e-06	-1.7887e-06	0.0000e+00
103	0.0000e+00	0.0000e+00	-7.0344e-05	-8.4266e-06	-1.5423e-06	0.0000e+00
104	0.0000e+00	0.0000e+00	-2.6731e-04	-6.0530e-06	-2.4472e-06	0.0000e+00
105	0.0000e+00	0.0000e+00	-3.7059e-04	-6.9595e-06	-2.2528e-06	0.0000e+00
106	0.0000e+00	0.0000e+00	-4.8823e-04	-5.0180e-06	-3.1204e-06	0.0000e+00
107	0.0000e+00	0.0000e+00	-6.2109e-04	-5.9025e-06	-2.9289e-06	0.0000e+00
108	0.0000e+00	0.0000e+00	-6.7511e-04	-4.3531e-06	-3.8168e-06	0.0000e+00
109	0.0000e+00	0.0000e+00	-8.3748e-04	-5.2032e-06	-3.5765e-06	0.0000e+00
110	0.0000e+00	0.0000e+00	-8.4152e-04	-3.9948e-06	-4.5294e-06	0.0000e+00
111	0.0000e+00	0.0000e+00	-1.0330e-03	-4.7907e-06	-4.1895e-06	0.0000e+00
112	0.0000e+00	0.0000e+00	-9.9789e-04	-3.8504e-06	-5.2545e-06	0.0000e+00
113	0.0000e+00	0.0000e+00	-1.2176e-03	-4.5751e-06	-4.7528e-06	0.0000e+00
114	0.0000e+00	0.0000e+00	-1.1503e-03	-3.7922e-06	-6.0130e-06	0.0000e+00
115	0.0000e+00	0.0000e+00	-1.3974e-03	-4.4491e-06	-5.2439e-06	0.0000e+00
116	0.0000e+00	0.0000e+00	-1.2978e-03	-3.5767e-06	-6.9284e-06	0.0000e+00
117	0.0000e+00	0.0000e+00	-1.5732e-03	-4.2985e-06	-5.6410e-06	0.0000e+00
118	0.0000e+00	0.0000e+00	-1.4182e-03	-2.2077e-06	-8.1498e-06	0.0000e+00
119	0.0000e+00	0.0000e+00	7.5388e-04	-9.9478e-06	-2.6129e-07	0.0000e+00
120	0.0000e+00	0.0000e+00	3.8458e-04	-8.4395e-06	-1.0509e-06	0.0000e+00
121	0.0000e+00	0.0000e+00	7.9958e-05	-6.7941e-06	-1.7141e-06	0.0000e+00

122 0.0000e+00 0.0000e+00 -1.6254e-04 -5.3676e-06 -2.3264e-06 0.0000e+00  
123 0.0000e+00 0.0000e+00 -3.5488e-04 -4.2950e-06 -2.9599e-06 0.0000e+00  
124 0.0000e+00 0.0000e+00 -5.1165e-04 -3.5868e-06 -3.6398e-06 0.0000e+00  
125 0.0000e+00 0.0000e+00 -6.4644e-04 -3.1870e-06 -4.3692e-06 0.0000e+00  
126 0.0000e+00 0.0000e+00 -7.6957e-04 -2.9873e-06 -5.1528e-06 0.0000e+00  
127 0.0000e+00 0.0000e+00 -8.8583e-04 -2.8129e-06 -6.0131e-06 0.0000e+00  
128 0.0000e+00 0.0000e+00 -9.9094e-04 -2.3650e-06 -6.9793e-06 0.0000e+00  
129 0.0000e+00 0.0000e+00 -1.0667e-03 -1.3040e-06 -7.8698e-06 0.0000e+00  
130 0.0000e+00 0.0000e+00 7.7003e-04 -9.2011e-06 -4.9609e-07 0.0000e+00  
131 0.0000e+00 0.0000e+00 4.2932e-04 -7.7604e-06 -1.0067e-06 0.0000e+00  
132 0.0000e+00 0.0000e+00 1.5034e-04 -6.1702e-06 -1.5067e-06 0.0000e+00  
133 0.0000e+00 0.0000e+00 -6.7296e-05 -4.7324e-06 -2.0245e-06 0.0000e+00  
134 0.0000e+00 0.0000e+00 -2.3335e-04 -3.6077e-06 -2.5926e-06 0.0000e+00  
135 0.0000e+00 0.0000e+00 -3.6149e-04 -2.8383e-06 -3.2228e-06 0.0000e+00  
136 0.0000e+00 0.0000e+00 -4.6530e-04 -2.3798e-06 -3.9094e-06 0.0000e+00  
137 0.0000e+00 0.0000e+00 -5.5517e-04 -2.1200e-06 -4.6397e-06 0.0000e+00  
138 0.0000e+00 0.0000e+00 -6.3583e-04 -1.8846e-06 -5.3950e-06 0.0000e+00  
139 0.0000e+00 0.0000e+00 -7.0412e-04 -1.4626e-06 -6.1208e-06 0.0000e+00  
140 0.0000e+00 0.0000e+00 -7.4918e-04 -7.1193e-07 -6.6810e-06 0.0000e+00  
141 0.0000e+00 0.0000e+00 7.9717e-04 -8.8264e-06 -7.3023e-07 0.0000e+00  
142 0.0000e+00 0.0000e+00 4.7213e-04 -7.3498e-06 -9.5220e-07 0.0000e+00  
143 0.0000e+00 0.0000e+00 2.1051e-04 -5.7078e-06 -1.2425e-06 0.0000e+00  
144 0.0000e+00 0.0000e+00 1.2749e-05 -4.1970e-06 -1.6339e-06 0.0000e+00  
145 0.0000e+00 0.0000e+00 -1.3027e-04 -2.9915e-06 -2.1225e-06 0.0000e+00  
146 0.0000e+00 0.0000e+00 -2.3233e-04 -2.1530e-06 -2.6904e-06 0.0000e+00  
147 0.0000e+00 0.0000e+00 -3.0779e-04 -1.6504e-06 -3.3055e-06 0.0000e+00  
148 0.0000e+00 0.0000e+00 -3.6825e-04 -1.3805e-06 -3.9250e-06 0.0000e+00  
149 0.0000e+00 0.0000e+00 -4.2005e-04 -1.1866e-06 -4.4956e-06 0.0000e+00  
150 0.0000e+00 0.0000e+00 -4.6279e-04 -8.9840e-07 -4.9511e-06 0.0000e+00  
151 0.0000e+00 0.0000e+00 -4.9009e-04 -4.0636e-07 -5.2241e-06 0.0000e+00  
152 0.0000e+00 0.0000e+00 8.3440e-04 -8.8258e-06 -9.2105e-07 0.0000e+00  
153 0.0000e+00 0.0000e+00 5.1172e-04 -7.2243e-06 -8.4856e-07 0.0000e+00  
154 0.0000e+00 0.0000e+00 2.5822e-04 -5.4272e-06 -9.2583e-07 0.0000e+00  
155 0.0000e+00 0.0000e+00 7.4756e-05 -3.7680e-06 -1.1950e-06 0.0000e+00  
156 0.0000e+00 0.0000e+00 -4.8584e-05 -2.4444e-06 -1.6151e-06 0.0000e+00  
157 0.0000e+00 0.0000e+00 -1.2713e-04 -1.5335e-06 -2.1332e-06 0.0000e+00  
158 0.0000e+00 0.0000e+00 -1.7731e-04 -1.0167e-06 -2.6863e-06 0.0000e+00  
159 0.0000e+00 0.0000e+00 -2.1327e-04 -8.0225e-07 -3.2002e-06 0.0000e+00  
160 0.0000e+00 0.0000e+00 -2.4430e-04 -7.3942e-07 -3.5921e-06 0.0000e+00  
161 0.0000e+00 0.0000e+00 -2.7287e-04 -6.4453e-07 -3.7930e-06 0.0000e+00  
162 0.0000e+00 0.0000e+00 -2.9430e-04 -3.6394e-07 -3.7894e-06 0.0000e+00  
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844	0.0000e+00	0.0000e+00	1.4106e-04	-1.1156e-06	-2.0045e-06	0.0000e+00
845	0.0000e+00	0.0000e+00	7.8382e-05	-1.5890e-06	-1.2411e-06	0.0000e+00
846	0.0000e+00	0.0000e+00	1.1383e-04	-1.8256e-06	6.8824e-07	0.0000e+00
847	0.0000e+00	0.0000e+00	7.5029e-05	-3.2053e-08	7.3589e-07	0.0000e+00
848	0.0000e+00	0.0000e+00	1.0190e-04	1.1301e-06	1.8797e-07	0.0000e+00
849	0.0000e+00	0.0000e+00	1.6185e-04	1.5130e-06	-4.8178e-07	0.0000e+00
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851	0.0000e+00	0.0000e+00	2.5280e-04	5.9389e-08	-1.7247e-06	0.0000e+00
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854	0.0000e+00	0.0000e+00	5.1677e-05	-2.1603e-06	2.3559e-06	0.0000e+00
855	0.0000e+00	0.0000e+00	2.3522e-05	5.8279e-07	1.5252e-06	0.0000e+00
856	0.0000e+00	0.0000e+00	7.7855e-05	1.7927e-06	8.6088e-07	0.0000e+00
857	0.0000e+00	0.0000e+00	1.6560e-04	2.1619e-06	3.0879e-07	0.0000e+00
858	0.0000e+00	0.0000e+00	2.5454e-04	1.8485e-06	-2.4238e-07	0.0000e+00
859	0.0000e+00	0.0000e+00	3.1237e-04	6.8741e-07	-9.0651e-07	0.0000e+00
860	0.0000e+00	0.0000e+00	2.8922e-04	-2.0407e-06	-1.7469e-06	0.0000e+00
861	0.0000e+00	0.0000e+00	1.0828e-04	-5.3246e-06	4.9111e-07	0.0000e+00
862	0.0000e+00	0.0000e+00	-3.0997e-05	-1.5735e-06	1.1723e-06	0.0000e+00
863	0.0000e+00	0.0000e+00	-3.7448e-05	1.0585e-06	1.1550e-06	0.0000e+00
864	0.0000e+00	0.0000e+00	3.3532e-05	2.1352e-06	1.1372e-06	0.0000e+00
865	0.0000e+00	0.0000e+00	1.3450e-04	2.4584e-06	1.1248e-06	0.0000e+00
866	0.0000e+00	0.0000e+00	2.3637e-04	2.1778e-06	1.1264e-06	0.0000e+00
867	0.0000e+00	0.0000e+00	3.1007e-04	1.1436e-06	1.1459e-06	0.0000e+00
868	0.0000e+00	0.0000e+00	3.0775e-04	-1.4729e-06	1.1786e-06	0.0000e+00
869	0.0000e+00	0.0000e+00	-1.3045e-03	-3.1887e-07	-9.1023e-06	0.0000e+00
870	0.0000e+00	0.0000e+00	-1.6813e-03	-7.9642e-07	-7.9127e-06	0.0000e+00
871	0.0000e+00	0.0000e+00	-1.2963e-03	6.9035e-07	-8.8438e-06	0.0000e+00
872	0.0000e+00	0.0000e+00	-1.6695e-03	5.2645e-07	-8.0880e-06	0.0000e+00
873	0.0000e+00	0.0000e+00	-1.2593e-03	9.9419e-07	-8.5025e-06	0.0000e+00
874	0.0000e+00	0.0000e+00	-1.6240e-03	9.7660e-07	-8.0850e-06	0.0000e+00
875	0.0000e+00	0.0000e+00	-1.2206e-03	7.6481e-07	-8.2009e-06	0.0000e+00
876	0.0000e+00	0.0000e+00	-1.5762e-03	8.1468e-07	-7.9910e-06	0.0000e+00
877	0.0000e+00	0.0000e+00	-1.1996e-03	1.8643e-07	-7.9916e-06	0.0000e+00
878	0.0000e+00	0.0000e+00	-1.5476e-03	2.5655e-07	-7.8660e-06	0.0000e+00
879	0.0000e+00	0.0000e+00	-1.2074e-03	-5.5113e-07	-7.9186e-06	0.0000e+00
880	0.0000e+00	0.0000e+00	-1.5510e-03	-5.0751e-07	-7.7437e-06	0.0000e+00
881	0.0000e+00	0.0000e+00	-1.2459e-03	-1.1876e-06	-8.1009e-06	0.0000e+00
882	0.0000e+00	0.0000e+00	-1.5911e-03	-1.3111e-06	-7.6487e-06	0.0000e+00
883	0.0000e+00	0.0000e+00	-9.2384e-04	-3.8736e-07	-8.2755e-06	0.0000e+00
884	0.0000e+00	0.0000e+00	-9.2383e-04	3.2783e-07	-8.1172e-06	0.0000e+00
885	0.0000e+00	0.0000e+00	-9.0148e-04	6.1999e-07	-7.7967e-06	0.0000e+00
886	0.0000e+00	0.0000e+00	-8.7602e-04	4.8544e-07	-7.5053e-06	0.0000e+00
887	0.0000e+00	0.0000e+00	-8.6336e-04	5.8786e-08	-7.3376e-06	0.0000e+00
888	0.0000e+00	0.0000e+00	-8.7201e-04	-4.5559e-07	-7.3572e-06	0.0000e+00
889	0.0000e+00	0.0000e+00	-8.9940e-04	-7.3078e-07	-7.6347e-06	0.0000e+00
890	0.0000e+00	0.0000e+00	-5.9583e-04	-3.4983e-07	-6.7598e-06	0.0000e+00
891	0.0000e+00	0.0000e+00	-6.0057e-04	1.1459e-07	-6.6729e-06	0.0000e+00
892	0.0000e+00	0.0000e+00	-5.8928e-04	3.5392e-07	-6.4727e-06	0.0000e+00
893	0.0000e+00	0.0000e+00	-5.7406e-04	2.9438e-07	-6.2923e-06	0.0000e+00
894	0.0000e+00	0.0000e+00	-5.6680e-04	9.7659e-09	-6.2089e-06	0.0000e+00
895	0.0000e+00	0.0000e+00	-5.7381e-04	-3.2129e-07	-6.2549e-06	0.0000e+00
896	0.0000e+00	0.0000e+00	-5.9185e-04	-4.4770e-07	-6.4130e-06	0.0000e+00
897	0.0000e+00	0.0000e+00	-3.3813e-04	-3.5656e-07	-5.0748e-06	0.0000e+00
898	0.0000e+00	0.0000e+00	-3.4606e-04	-9.0515e-09	-5.0010e-06	0.0000e+00
899	0.0000e+00	0.0000e+00	-3.4076e-04	2.1636e-07	-4.9144e-06	0.0000e+00
900	0.0000e+00	0.0000e+00	-3.3037e-04	2.1554e-07	-4.8700e-06	0.0000e+00
901	0.0000e+00	0.0000e+00	-3.2470e-04	1.5388e-08	-4.8814e-06	0.0000e+00
902	0.0000e+00	0.0000e+00	-3.2981e-04	-2.4453e-07	-4.9260e-06	0.0000e+00
903	0.0000e+00	0.0000e+00	-3.4404e-04	-3.6400e-07	-4.9544e-06	0.0000e+00
904	0.0000e+00	0.0000e+00	-1.5277e-04	-4.4365e-07	-3.4434e-06	0.0000e+00
905	0.0000e+00	0.0000e+00	-1.6425e-04	-7.3539e-08	-3.3452e-06	0.0000e+00
906	0.0000e+00	0.0000e+00	-1.6047e-04	2.1344e-07	-3.3603e-06	0.0000e+00
907	0.0000e+00	0.0000e+00	-1.4887e-04	2.6834e-07	-3.4660e-06	0.0000e+00
908	0.0000e+00	0.0000e+00	-1.4038e-04	8.1075e-08	-3.5933e-06	0.0000e+00
909	0.0000e+00	0.0000e+00	-1.4344e-04	-2.2734e-07	-3.6529e-06	0.0000e+00
910	0.0000e+00	0.0000e+00	-1.5901e-04	-4.4850e-07	-3.5686e-06	0.0000e+00
911	0.0000e+00	0.0000e+00	-3.5669e-05	-6.5305e-07	-1.9285e-06	0.0000e+00
912	0.0000e+00	0.0000e+00	-5.2291e-05	-9.3785e-08	-1.7851e-06	0.0000e+00
913	0.0000e+00	0.0000e+00	-4.5496e-05	3.5886e-07	-1.9205e-06	0.0000e+00

914 0.0000e+00 0.0000e+00 -2.5625e-05 4.8208e-07 -2.2108e-06 0.0000e+00  
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1050 0.0000e+00 0.0000e+00 -1.6423e-05 -8.8278e-07 -2.1093e-06 0.0000e+00  
1051 0.0000e+00 0.0000e+00 -4.9643e-05 -8.2093e-07 -2.2125e-06 0.0000e+00  
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1053 0.0000e+00 0.0000e+00 -1.2367e-04 -1.0104e-06 -1.9458e-06 0.0000e+00  
1054 0.0000e+00 0.0000e+00 1.4656e-04 -1.7907e-06 -1.0579e-06 0.0000e+00  
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1067 0.0000e+00 0.0000e+00 5.8146e-05 -4.8895e-07 1.3116e-06 0.0000e+00  
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1087 0.0000e+00 0.0000e+00 -2.1460e-06 -2.8172e-06 4.1966e-06 0.0000e+00  
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1130	0.0000e+00	0.0000e+00	-8.2383e-04	-2.2757e-06	6.6963e-06	0.0000e+00
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1132	0.0000e+00	0.0000e+00	-9.9169e-04	-1.4829e-06	7.7570e-06	0.0000e+00
1133	0.0000e+00	0.0000e+00	3.9324e-04	-1.0407e-05	3.4855e-06	0.0000e+00
1134	0.0000e+00	0.0000e+00	1.7531e-05	-8.2850e-06	3.9093e-06	0.0000e+00
1135	0.0000e+00	0.0000e+00	-2.7331e-04	-6.2649e-06	4.1500e-06	0.0000e+00
1136	0.0000e+00	0.0000e+00	-4.9191e-04	-4.6954e-06	4.4656e-06	0.0000e+00
1137	0.0000e+00	0.0000e+00	-6.5739e-04	-3.6161e-06	4.9070e-06	0.0000e+00
1138	0.0000e+00	0.0000e+00	-7.8880e-04	-2.9928e-06	5.4481e-06	0.0000e+00
1139	0.0000e+00	0.0000e+00	-9.0299e-04	-2.7504e-06	6.0410e-06	0.0000e+00
1140	0.0000e+00	0.0000e+00	-1.0131e-03	-2.7802e-06	6.6397e-06	0.0000e+00
1141	0.0000e+00	0.0000e+00	-1.1273e-03	-2.9350e-06	7.2245e-06	0.0000e+00
1142	0.0000e+00	0.0000e+00	-1.2463e-03	-2.9763e-06	7.8714e-06	0.0000e+00
1143	0.0000e+00	0.0000e+00	-1.3520e-03	-2.0618e-06	8.7841e-06	0.0000e+00
1144	0.0000e+00	0.0000e+00	-1.5896e-04	-8.8003e-06	4.1288e-06	0.0000e+00
1145	0.0000e+00	0.0000e+00	-4.6074e-04	-6.7809e-06	4.4153e-06	0.0000e+00
1146	0.0000e+00	0.0000e+00	-6.9348e-04	-5.2971e-06	4.7552e-06	0.0000e+00
1147	0.0000e+00	0.0000e+00	-8.7741e-04	-4.2938e-06	5.1600e-06	0.0000e+00
1148	0.0000e+00	0.0000e+00	-1.0308e-03	-3.7070e-06	5.6233e-06	0.0000e+00
1149	0.0000e+00	0.0000e+00	-1.1689e-03	-3.4548e-06	6.1283e-06	0.0000e+00
1150	0.0000e+00	0.0000e+00	-1.3036e-03	-3.4362e-06	6.6557e-06	0.0000e+00
1151	0.0000e+00	0.0000e+00	-1.4420e-03	-3.5343e-06	7.1920e-06	0.0000e+00
1152	0.0000e+00	0.0000e+00	-1.5861e-03	-3.6303e-06	7.7311e-06	0.0000e+00
1153	0.0000e+00	0.0000e+00	-3.3768e-04	-1.2359e-06	4.5345e-08	0.0000e+00
1154	0.0000e+00	0.0000e+00	-3.2093e-04	1.6980e-06	8.9446e-07	0.0000e+00
1155	0.0000e+00	0.0000e+00	-2.1454e-04	3.0293e-06	1.4015e-06	0.0000e+00
1156	0.0000e+00	0.0000e+00	-6.8129e-05	3.5774e-06	1.7073e-06	0.0000e+00
1157	0.0000e+00	0.0000e+00	9.1436e-05	3.6491e-06	1.9558e-06	0.0000e+00
1158	0.0000e+00	0.0000e+00	2.4571e-04	3.3409e-06	2.2667e-06	0.0000e+00
1159	0.0000e+00	0.0000e+00	3.7701e-04	2.5882e-06	2.7495e-06	0.0000e+00
1160	0.0000e+00	0.0000e+00	4.6026e-04	1.0927e-06	3.5171e-06	0.0000e+00
1161	0.0000e+00	0.0000e+00	4.4708e-04	-2.0021e-06	4.6148e-06	0.0000e+00
1162	0.0000e+00	0.0000e+00	2.5546e-04	-5.7834e-06	2.6157e-06	0.0000e+00
1163	0.0000e+00	0.0000e+00	-3.8211e-04	-1.0527e-06	1.8955e-06	0.0000e+00
1164	0.0000e+00	0.0000e+00	-3.7709e-04	1.1636e-06	1.8623e-06	0.0000e+00
1165	0.0000e+00	0.0000e+00	-2.9117e-04	2.5981e-06	2.2360e-06	0.0000e+00
1166	0.0000e+00	0.0000e+00	-1.6072e-04	3.2382e-06	2.6114e-06	0.0000e+00
1167	0.0000e+00	0.0000e+00	-1.5585e-05	3.2943e-06	2.9835e-06	0.0000e+00
1168	0.0000e+00	0.0000e+00	1.2120e-04	2.8646e-06	3.4362e-06	0.0000e+00
1169	0.0000e+00	0.0000e+00	2.2807e-04	1.9165e-06	4.0308e-06	0.0000e+00
1170	0.0000e+00	0.0000e+00	2.7933e-04	2.9246e-07	4.6920e-06	0.0000e+00
1171	0.0000e+00	0.0000e+00	2.4492e-04	-1.9385e-06	4.8857e-06	0.0000e+00
1172	0.0000e+00	0.0000e+00	1.1868e-04	-3.5050e-06	3.7715e-06	0.0000e+00
1173	0.0000e+00	0.0000e+00	-5.0950e-04	-5.1469e-07	3.9116e-06	0.0000e+00
1174	0.0000e+00	0.0000e+00	-4.9645e-04	1.0946e-06	3.6511e-06	0.0000e+00
1175	0.0000e+00	0.0000e+00	-4.1891e-04	2.3298e-06	3.6984e-06	0.0000e+00
1176	0.0000e+00	0.0000e+00	-3.0088e-04	2.9301e-06	3.8780e-06	0.0000e+00
1177	0.0000e+00	0.0000e+00	-1.7016e-04	2.9229e-06	4.1418e-06	0.0000e+00
1178	0.0000e+00	0.0000e+00	-5.1725e-05	2.3818e-06	4.5095e-06	0.0000e+00
1179	0.0000e+00	0.0000e+00	3.2064e-05	1.3507e-06	4.9724e-06	0.0000e+00
1180	0.0000e+00	0.0000e+00	6.0973e-05	-9.1653e-08	5.3971e-06	0.0000e+00
1181	0.0000e+00	0.0000e+00	2.2571e-05	-1.6160e-06	5.4792e-06	0.0000e+00
1182	0.0000e+00	0.0000e+00	-7.1916e-05	-2.4915e-06	5.0371e-06	0.0000e+00
1183	0.0000e+00	0.0000e+00	-7.2413e-04	-1.4262e-07	5.9578e-06	0.0000e+00
1184	0.0000e+00	0.0000e+00	-6.9890e-04	1.2752e-06	5.6575e-06	0.0000e+00
1185	0.0000e+00	0.0000e+00	-6.1726e-04	2.3491e-06	5.4345e-06	0.0000e+00
1186	0.0000e+00	0.0000e+00	-5.0101e-04	2.8318e-06	5.3383e-06	0.0000e+00
1187	0.0000e+00	0.0000e+00	-3.7703e-04	2.7102e-06	5.3778e-06	0.0000e+00
1188	0.0000e+00	0.0000e+00	-2.7037e-04	2.0574e-06	5.5486e-06	0.0000e+00
1189	0.0000e+00	0.0000e+00	-2.0229e-04	9.7429e-07	5.8194e-06	0.0000e+00
1190	0.0000e+00	0.0000e+00	-1.8830e-04	-3.6078e-07	6.1124e-06	0.0000e+00
1191	0.0000e+00	0.0000e+00	-2.3253e-04	-1.5892e-06	6.3201e-06	0.0000e+00
1192	0.0000e+00	0.0000e+00	-3.1932e-04	-2.2147e-06	6.3726e-06	0.0000e+00
1193	0.0000e+00	0.0000e+00	-1.0242e-03	7.5668e-08	7.8498e-06	0.0000e+00
1194	0.0000e+00	0.0000e+00	-9.8551e-04	1.6215e-06	7.4960e-06	0.0000e+00
1195	0.0000e+00	0.0000e+00	-8.8962e-04	2.6315e-06	7.0586e-06	0.0000e+00
1196	0.0000e+00	0.0000e+00	-7.6394e-04	2.9770e-06	6.7282e-06	0.0000e+00
1197	0.0000e+00	0.0000e+00	-6.3685e-04	2.7085e-06	6.5552e-06	0.0000e+00
1198	0.0000e+00	0.0000e+00	-5.3320e-04	1.9274e-06	6.5324e-06	0.0000e+00
1199	0.0000e+00	0.0000e+00	-4.7293e-04	7.5610e-07	6.6316e-06	0.0000e+00
1200	0.0000e+00	0.0000e+00	-4.6961e-04	-6.2624e-07	6.8321e-06	0.0000e+00
1201	0.0000e+00	0.0000e+00	-5.2591e-04	-1.8766e-06	7.1770e-06	0.0000e+00

1202	0.0000e+00	0.0000e+00	-6.2404e-04	-2.4344e-06	7.6508e-06	0.0000e+00
1203	0.0000e+00	0.0000e+00	-1.3940e-03	3.3217e-07	9.1111e-06	0.0000e+00
1204	0.0000e+00	0.0000e+00	-1.3389e-03	2.1690e-06	8.6502e-06	0.0000e+00
1205	0.0000e+00	0.0000e+00	-1.2219e-03	3.1256e-06	8.1308e-06	0.0000e+00
1206	0.0000e+00	0.0000e+00	-1.0796e-03	3.3186e-06	7.7180e-06	0.0000e+00
1207	0.0000e+00	0.0000e+00	-9.4247e-04	2.8873e-06	7.4511e-06	0.0000e+00
1208	0.0000e+00	0.0000e+00	-8.3517e-04	1.9649e-06	7.3243e-06	0.0000e+00
1209	0.0000e+00	0.0000e+00	-7.7658e-04	6.7804e-07	7.3162e-06	0.0000e+00
1210	0.0000e+00	0.0000e+00	-7.7988e-04	-8.3725e-07	7.4162e-06	0.0000e+00
1211	0.0000e+00	0.0000e+00	-8.5101e-04	-2.3745e-06	7.7067e-06	0.0000e+00
1212	0.0000e+00	0.0000e+00	-9.7713e-04	-3.0870e-06	8.5410e-06	0.0000e+00
1213	0.0000e+00	0.0000e+00	-1.7804e-03	-1.8303e-08	8.4101e-06	0.0000e+00
1214	0.0000e+00	0.0000e+00	-1.7117e-03	2.1355e-06	8.3243e-06	0.0000e+00
1215	0.0000e+00	0.0000e+00	-1.5780e-03	3.1738e-06	8.1189e-06	0.0000e+00
1216	0.0000e+00	0.0000e+00	-1.4214e-03	3.3539e-06	7.9018e-06	0.0000e+00
1217	0.0000e+00	0.0000e+00	-1.2743e-03	2.8729e-06	7.7346e-06	0.0000e+00
1218	0.0000e+00	0.0000e+00	-1.1620e-03	1.8916e-06	7.6486e-06	0.0000e+00
1219	0.0000e+00	0.0000e+00	-1.1031e-03	5.4731e-07	7.6582e-06	0.0000e+00
1220	0.0000e+00	0.0000e+00	-1.1107e-03	-1.0398e-06	7.7730e-06	0.0000e+00
1221	0.0000e+00	0.0000e+00	-1.1926e-03	-2.7713e-06	8.0071e-06	0.0000e+00
1222	0.0000e+00	0.0000e+00	-2.4262e-04	-5.3413e-06	1.9000e-06	0.0000e+00
1223	0.0000e+00	0.0000e+00	-4.0586e-04	-1.2035e-06	-1.8122e-07	0.0000e+00
1224	0.0000e+00	0.0000e+00	-3.8537e-04	1.8063e-06	7.5377e-07	0.0000e+00
1225	0.0000e+00	0.0000e+00	-2.7554e-04	3.0665e-06	1.3262e-06	0.0000e+00
1226	0.0000e+00	0.0000e+00	-1.3029e-04	3.4852e-06	1.6686e-06	0.0000e+00
1227	0.0000e+00	0.0000e+00	2.2140e-05	3.4184e-06	1.9271e-06	0.0000e+00
1228	0.0000e+00	0.0000e+00	1.6369e-04	2.9979e-06	2.2173e-06	0.0000e+00
1229	0.0000e+00	0.0000e+00	2.7857e-04	2.1932e-06	2.6392e-06	0.0000e+00
1230	0.0000e+00	0.0000e+00	3.4531e-04	7.5298e-07	3.2905e-06	0.0000e+00
1231	0.0000e+00	0.0000e+00	3.2187e-04	-2.0972e-06	4.2154e-06	0.0000e+00
1232	0.0000e+00	0.0000e+00	1.3522e-04	-5.4861e-06	2.1360e-06	0.0000e+00
1233	0.0000e+00	0.0000e+00	-3.4922e-04	-2.8921e-06	3.0063e-06	0.0000e+00
1234	0.0000e+00	0.0000e+00	-4.4112e-04	-1.0278e-06	1.7038e-06	0.0000e+00
1235	0.0000e+00	0.0000e+00	-4.3421e-04	1.2090e-06	1.6829e-06	0.0000e+00
1236	0.0000e+00	0.0000e+00	-3.4731e-04	2.5849e-06	2.1013e-06	0.0000e+00
1237	0.0000e+00	0.0000e+00	-2.1965e-04	3.1202e-06	2.5122e-06	0.0000e+00
1238	0.0000e+00	0.0000e+00	-8.2116e-05	3.0682e-06	2.8949e-06	0.0000e+00
1239	0.0000e+00	0.0000e+00	4.2942e-05	2.5641e-06	3.3236e-06	0.0000e+00
1240	0.0000e+00	0.0000e+00	1.3625e-04	1.6119e-06	3.8512e-06	0.0000e+00
1241	0.0000e+00	0.0000e+00	1.7604e-04	9.3032e-08	4.4001e-06	0.0000e+00
1242	0.0000e+00	0.0000e+00	1.3765e-04	-1.9031e-06	4.4648e-06	0.0000e+00
1243	0.0000e+00	0.0000e+00	1.9511e-05	-3.1758e-06	3.2220e-06	0.0000e+00
1244	0.0000e+00	0.0000e+00	-5.1349e-04	-1.6489e-06	4.5934e-06	0.0000e+00
1245	0.0000e+00	0.0000e+00	-5.6273e-04	-4.3903e-07	3.8376e-06	0.0000e+00
1246	0.0000e+00	0.0000e+00	-5.4703e-04	1.1296e-06	3.5346e-06	0.0000e+00
1247	0.0000e+00	0.0000e+00	-4.6947e-04	2.2880e-06	3.5845e-06	0.0000e+00
1248	0.0000e+00	0.0000e+00	-3.5529e-04	2.7939e-06	3.7778e-06	0.0000e+00
1249	0.0000e+00	0.0000e+00	-2.3243e-04	2.7042e-06	4.0427e-06	0.0000e+00
1250	0.0000e+00	0.0000e+00	-1.2462e-04	2.1247e-06	4.3843e-06	0.0000e+00
1251	0.0000e+00	0.0000e+00	-5.1592e-05	1.1304e-06	4.7857e-06	0.0000e+00
1252	0.0000e+00	0.0000e+00	-2.9658e-05	-1.7357e-07	5.1127e-06	0.0000e+00
1253	0.0000e+00	0.0000e+00	-6.6523e-05	-1.4524e-06	5.0693e-06	0.0000e+00
1254	0.0000e+00	0.0000e+00	-1.4685e-04	-2.0043e-06	4.4646e-06	0.0000e+00
1255	0.0000e+00	0.0000e+00	-7.5268e-04	-1.0821e-06	6.4443e-06	0.0000e+00
1256	0.0000e+00	0.0000e+00	-7.7775e-04	3.5790e-08	6.0453e-06	0.0000e+00
1257	0.0000e+00	0.0000e+00	-7.4685e-04	1.3488e-06	5.6512e-06	0.0000e+00
1258	0.0000e+00	0.0000e+00	-6.6430e-04	2.3129e-06	5.3886e-06	0.0000e+00
1259	0.0000e+00	0.0000e+00	-5.5183e-04	2.6964e-06	5.2771e-06	0.0000e+00
1260	0.0000e+00	0.0000e+00	-4.3537e-04	2.5073e-06	5.3008e-06	0.0000e+00
1261	0.0000e+00	0.0000e+00	-3.3805e-04	1.8430e-06	5.4386e-06	0.0000e+00
1262	0.0000e+00	0.0000e+00	-2.7813e-04	8.2936e-07	5.6498e-06	0.0000e+00
1263	0.0000e+00	0.0000e+00	-2.6705e-04	-3.3401e-07	5.8522e-06	0.0000e+00
1264	0.0000e+00	0.0000e+00	-3.0419e-04	-1.2809e-06	5.9315e-06	0.0000e+00
1265	0.0000e+00	0.0000e+00	-3.6945e-04	-1.5370e-06	5.8035e-06	0.0000e+00
1266	0.0000e+00	0.0000e+00	-1.0718e-03	-9.6282e-07	8.2383e-06	0.0000e+00
1267	0.0000e+00	0.0000e+00	-1.0855e-03	4.0911e-07	8.1012e-06	0.0000e+00
1268	0.0000e+00	0.0000e+00	-1.0359e-03	1.7780e-06	7.6098e-06	0.0000e+00
1269	0.0000e+00	0.0000e+00	-9.3655e-04	2.6358e-06	7.0960e-06	0.0000e+00
1270	0.0000e+00	0.0000e+00	-8.1325e-04	2.8673e-06	6.7200e-06	0.0000e+00
1271	0.0000e+00	0.0000e+00	-6.9247e-04	2.5371e-06	6.5078e-06	0.0000e+00
1272	0.0000e+00	0.0000e+00	-5.9639e-04	1.7633e-06	6.4356e-06	0.0000e+00
1273	0.0000e+00	0.0000e+00	-5.4150e-04	6.8709e-07	6.4651e-06	0.0000e+00

1274	0.0000e+00	0.0000e+00	-5.3709e-04	-4.9274e-07	6.5707e-06	0.0000e+00
1275	0.0000e+00	0.0000e+00	-5.8070e-04	-1.4158e-06	6.7886e-06	0.0000e+00
1276	0.0000e+00	0.0000e+00	-6.4914e-04	-1.5380e-06	7.0706e-06	0.0000e+00
1277	0.0000e+00	0.0000e+00	-1.4569e-03	-1.2389e-06	9.4210e-06	0.0000e+00
1278	0.0000e+00	0.0000e+00	-1.4693e-03	8.5839e-07	9.4906e-06	0.0000e+00
1279	0.0000e+00	0.0000e+00	-1.3967e-03	2.4383e-06	8.8676e-06	0.0000e+00
1280	0.0000e+00	0.0000e+00	-1.2722e-03	3.1981e-06	8.2436e-06	0.0000e+00
1281	0.0000e+00	0.0000e+00	-1.1296e-03	3.2593e-06	7.7536e-06	0.0000e+00
1282	0.0000e+00	0.0000e+00	-9.9637e-04	2.7677e-06	7.4163e-06	0.0000e+00
1283	0.0000e+00	0.0000e+00	-8.9387e-04	1.8666e-06	7.2108e-06	0.0000e+00
1284	0.0000e+00	0.0000e+00	-8.3708e-04	6.9571e-07	7.1056e-06	0.0000e+00
1285	0.0000e+00	0.0000e+00	-8.3467e-04	-5.9354e-07	7.0845e-06	0.0000e+00
1286	0.0000e+00	0.0000e+00	-8.8733e-04	-1.7748e-06	7.2329e-06	0.0000e+00
1287	0.0000e+00	0.0000e+00	-9.7521e-04	-1.9348e-06	7.8870e-06	0.0000e+00
1288	0.0000e+00	0.0000e+00	-1.8738e-03	7.1808e-07	8.8579e-06	0.0000e+00
1289	0.0000e+00	0.0000e+00	-1.7808e-03	2.5667e-06	8.6211e-06	0.0000e+00
1290	0.0000e+00	0.0000e+00	-1.6345e-03	3.3805e-06	8.2860e-06	0.0000e+00
1291	0.0000e+00	0.0000e+00	-1.4733e-03	3.4184e-06	7.9530e-06	0.0000e+00
1292	0.0000e+00	0.0000e+00	-1.3262e-03	2.8820e-06	7.6728e-06	0.0000e+00
1293	0.0000e+00	0.0000e+00	-1.2144e-03	1.9399e-06	7.4652e-06	0.0000e+00
1294	0.0000e+00	0.0000e+00	-1.1521e-03	7.3992e-07	7.3334e-06	0.0000e+00
1295	0.0000e+00	0.0000e+00	-1.1476e-03	-5.8486e-07	7.2750e-06	0.0000e+00
1296	0.0000e+00	0.0000e+00	-1.2032e-03	-1.9217e-06	7.2892e-06	0.0000e+00
1297	0.0000e+00	0.0000e+00	-1.1275e-04	-5.2056e-06	1.8737e-06	0.0000e+00
1298	0.0000e+00	0.0000e+00	-2.8043e-04	-1.5364e-06	-2.6876e-07	0.0000e+00
1299	0.0000e+00	0.0000e+00	-2.7663e-04	1.3982e-06	5.6941e-07	0.0000e+00
1300	0.0000e+00	0.0000e+00	-1.8311e-04	2.7391e-06	1.1035e-06	0.0000e+00
1301	0.0000e+00	0.0000e+00	-4.9026e-05	3.3061e-06	1.4315e-06	0.0000e+00
1302	0.0000e+00	0.0000e+00	9.9228e-05	3.4076e-06	1.6923e-06	0.0000e+00
1303	0.0000e+00	0.0000e+00	2.4372e-04	3.1410e-06	2.0018e-06	0.0000e+00
1304	0.0000e+00	0.0000e+00	3.6734e-04	2.4442e-06	2.4652e-06	0.0000e+00
1305	0.0000e+00	0.0000e+00	4.4571e-04	1.0257e-06	3.1920e-06	0.0000e+00
1306	0.0000e+00	0.0000e+00	4.3153e-04	-1.9638e-06	4.2650e-06	0.0000e+00
1307	0.0000e+00	0.0000e+00	2.3924e-04	-5.8753e-06	2.3143e-06	0.0000e+00
1308	0.0000e+00	0.0000e+00	-2.1799e-04	-2.8100e-06	3.0063e-06	0.0000e+00
1309	0.0000e+00	0.0000e+00	-3.1288e-04	-1.2323e-06	1.6303e-06	0.0000e+00
1310	0.0000e+00	0.0000e+00	-3.1809e-04	8.8999e-07	1.5006e-06	0.0000e+00
1311	0.0000e+00	0.0000e+00	-2.4467e-04	2.3041e-06	1.8385e-06	0.0000e+00
1312	0.0000e+00	0.0000e+00	-1.2692e-04	2.9557e-06	2.2095e-06	0.0000e+00
1313	0.0000e+00	0.0000e+00	6.4386e-06	3.0432e-06	2.5911e-06	0.0000e+00
1314	0.0000e+00	0.0000e+00	1.3315e-04	2.6613e-06	3.0583e-06	0.0000e+00
1315	0.0000e+00	0.0000e+00	2.3235e-04	1.7756e-06	3.6708e-06	0.0000e+00
1316	0.0000e+00	0.0000e+00	2.7884e-04	2.2072e-07	4.3599e-06	0.0000e+00
1317	0.0000e+00	0.0000e+00	2.4226e-04	-1.9733e-06	4.6149e-06	0.0000e+00
1318	0.0000e+00	0.0000e+00	1.1332e-04	-3.6027e-06	3.5495e-06	0.0000e+00
1319	0.0000e+00	0.0000e+00	-3.7804e-04	-1.5328e-06	4.3993e-06	0.0000e+00
1320	0.0000e+00	0.0000e+00	-4.2777e-04	-5.5854e-07	3.5846e-06	0.0000e+00
1321	0.0000e+00	0.0000e+00	-4.2009e-04	9.0314e-07	3.1997e-06	0.0000e+00
1322	0.0000e+00	0.0000e+00	-3.5265e-04	2.0683e-06	3.1766e-06	0.0000e+00
1323	0.0000e+00	0.0000e+00	-2.4661e-04	2.6499e-06	3.3316e-06	0.0000e+00
1324	0.0000e+00	0.0000e+00	-1.2797e-04	2.6572e-06	3.6006e-06	0.0000e+00
1325	0.0000e+00	0.0000e+00	-2.0475e-05	2.1532e-06	3.9927e-06	0.0000e+00
1326	0.0000e+00	0.0000e+00	5.4313e-05	1.1722e-06	4.4959e-06	0.0000e+00
1327	0.0000e+00	0.0000e+00	7.6477e-05	-2.2009e-07	4.9779e-06	0.0000e+00
1328	0.0000e+00	0.0000e+00	3.3130e-05	-1.7170e-06	5.1274e-06	0.0000e+00
1329	0.0000e+00	0.0000e+00	-6.5919e-05	-2.6016e-06	4.7263e-06	0.0000e+00
1330	0.0000e+00	0.0000e+00	-6.0186e-04	-9.4675e-07	5.9305e-06	0.0000e+00
1331	0.0000e+00	0.0000e+00	-6.2565e-04	-2.4918e-08	5.4992e-06	0.0000e+00
1332	0.0000e+00	0.0000e+00	-5.9989e-04	1.1901e-06	5.0527e-06	0.0000e+00
1333	0.0000e+00	0.0000e+00	-5.2491e-04	2.1397e-06	4.7449e-06	0.0000e+00
1334	0.0000e+00	0.0000e+00	-4.1933e-04	2.5632e-06	4.6146e-06	0.0000e+00
1335	0.0000e+00	0.0000e+00	-3.0753e-04	2.4295e-06	4.6546e-06	0.0000e+00
1336	0.0000e+00	0.0000e+00	-2.1287e-04	1.7948e-06	4.8490e-06	0.0000e+00
1337	0.0000e+00	0.0000e+00	-1.5561e-04	7.4494e-07	5.1609e-06	0.0000e+00
1338	0.0000e+00	0.0000e+00	-1.5087e-04	-5.5312e-07	5.5097e-06	0.0000e+00
1339	0.0000e+00	0.0000e+00	-2.0276e-04	-1.7466e-06	5.7770e-06	0.0000e+00
1340	0.0000e+00	0.0000e+00	-2.9572e-04	-2.3386e-06	5.8641e-06	0.0000e+00
1341	0.0000e+00	0.0000e+00	-8.9046e-04	-8.2838e-07	7.3505e-06	0.0000e+00
1342	0.0000e+00	0.0000e+00	-9.0209e-04	3.8143e-07	7.2051e-06	0.0000e+00
1343	0.0000e+00	0.0000e+00	-8.5618e-04	1.6536e-06	6.6940e-06	0.0000e+00
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1383 0.0000e+00 0.0000e+00 -3.6407e-04 -2.8483e-06 2.7372e-06 0.0000e+00  
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1385 0.0000e+00 0.0000e+00 -4.4691e-04 1.2791e-06 1.2416e-06 0.0000e+00  
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1398 0.0000e+00 0.0000e+00 -3.2082e-04 3.1982e-06 2.9517e-06 0.0000e+00  
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1421 0.0000e+00 0.0000e+00 -5.2737e-04 3.3482e-06 4.9072e-06 0.0000e+00  
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1491	0.0000e+00	0.0000e+00	-5.6606e-04	-2.9181e-06	5.5064e-06	0.0000e+00
1492	0.0000e+00	0.0000e+00	-7.2058e-04	-4.9012e-06	5.9109e-06	0.0000e+00
1493	0.0000e+00	0.0000e+00	-9.6548e-04	-7.4204e-06	6.3472e-06	0.0000e+00
1494	0.0000e+00	0.0000e+00	-1.3184e-03	-1.0266e-05	6.7567e-06	0.0000e+00
1495	0.0000e+00	0.0000e+00	-1.7847e-03	-1.2995e-05	7.1729e-06	0.0000e+00
1496	0.0000e+00	0.0000e+00	-2.3437e-03	-1.4752e-05	7.2901e-06	0.0000e+00
1497	0.0000e+00	0.0000e+00	-6.0178e-04	-1.0904e-06	5.7927e-06	0.0000e+00
1498	0.0000e+00	0.0000e+00	-6.3690e-04	-6.6324e-07	5.7348e-06	0.0000e+00
1499	0.0000e+00	0.0000e+00	-6.6737e-04	-8.8206e-07	5.7110e-06	0.0000e+00
1500	0.0000e+00	0.0000e+00	-7.1933e-04	-1.7534e-06	5.8171e-06	0.0000e+00
1501	0.0000e+00	0.0000e+00	-8.1835e-04	-3.2445e-06	6.0490e-06	0.0000e+00
1502	0.0000e+00	0.0000e+00	-9.8811e-04	-5.2942e-06	6.3565e-06	0.0000e+00
1503	0.0000e+00	0.0000e+00	-1.2492e-03	-7.8040e-06	6.6706e-06	0.0000e+00
1504	0.0000e+00	0.0000e+00	-1.6169e-03	-1.0616e-05	6.9314e-06	0.0000e+00
1505	0.0000e+00	0.0000e+00	-2.0978e-03	-1.3408e-05	7.2185e-06	0.0000e+00
1506	0.0000e+00	0.0000e+00	-2.6763e-03	-1.5298e-05	7.3977e-06	0.0000e+00
1507	0.0000e+00	0.0000e+00	-8.4199e-04	-1.6431e-06	5.0679e-06	0.0000e+00
1508	0.0000e+00	0.0000e+00	-8.8092e-04	-1.0577e-06	5.3745e-06	0.0000e+00
1509	0.0000e+00	0.0000e+00	-9.1491e-04	-1.2790e-06	5.5914e-06	0.0000e+00
1510	0.0000e+00	0.0000e+00	-9.7319e-04	-2.1945e-06	5.7889e-06	0.0000e+00
1511	0.0000e+00	0.0000e+00	-1.0816e-03	-3.7123e-06	5.9933e-06	0.0000e+00
1512	0.0000e+00	0.0000e+00	-1.2626e-03	-5.7365e-06	6.2003e-06	0.0000e+00
1513	0.0000e+00	0.0000e+00	-1.5346e-03	-8.1548e-06	6.3889e-06	0.0000e+00
1514	0.0000e+00	0.0000e+00	-1.9111e-03	-1.0831e-05	6.5364e-06	0.0000e+00
1515	0.0000e+00	0.0000e+00	-2.3992e-03	-1.3611e-05	6.6406e-06	0.0000e+00
1516	0.0000e+00	0.0000e+00	6.1919e-05	-3.0986e-06	5.2520e-07	0.0000e+00
1517	0.0000e+00	0.0000e+00	-5.9852e-06	-5.7340e-07	1.3291e-06	0.0000e+00
1518	0.0000e+00	0.0000e+00	-7.5378e-06	3.8268e-07	2.0748e-06	0.0000e+00
1519	0.0000e+00	0.0000e+00	9.2169e-06	3.7774e-07	2.7598e-06	0.0000e+00
1520	0.0000e+00	0.0000e+00	7.6470e-06	-5.7315e-07	3.4784e-06	0.0000e+00
1521	0.0000e+00	0.0000e+00	-5.8913e-05	-3.0351e-06	4.1721e-06	0.0000e+00
1522	0.0000e+00	0.0000e+00	-1.1493e-05	-2.7189e-06	2.6619e-06	0.0000e+00
1523	0.0000e+00	0.0000e+00	-9.0345e-05	-1.2924e-06	2.6788e-06	0.0000e+00
1524	0.0000e+00	0.0000e+00	-1.2194e-04	-4.2881e-07	3.2550e-06	0.0000e+00
1525	0.0000e+00	0.0000e+00	-1.3609e-04	-4.0766e-07	3.9303e-06	0.0000e+00
1526	0.0000e+00	0.0000e+00	-1.6543e-04	-1.1923e-06	4.4433e-06	0.0000e+00
1527	0.0000e+00	0.0000e+00	-2.3691e-04	-2.4293e-06	4.3094e-06	0.0000e+00
1528	0.0000e+00	0.0000e+00	-1.7036e-04	-2.2597e-06	4.5665e-06	0.0000e+00
1529	0.0000e+00	0.0000e+00	-2.4679e-04	-1.5436e-06	4.5014e-06	0.0000e+00
1530	0.0000e+00	0.0000e+00	-2.9612e-04	-1.0020e-06	4.7860e-06	0.0000e+00
1531	0.0000e+00	0.0000e+00	-3.3321e-04	-9.5247e-07	5.1833e-06	0.0000e+00
1532	0.0000e+00	0.0000e+00	-3.7790e-04	-1.3430e-06	5.4291e-06	0.0000e+00
1533	0.0000e+00	0.0000e+00	-4.4131e-04	-1.7849e-06	5.2579e-06	0.0000e+00
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1535	0.0000e+00	0.0000e+00	-4.8258e-04	-1.6331e-06	6.3270e-06	0.0000e+00
1536	0.0000e+00	0.0000e+00	-5.3963e-04	-1.2704e-06	6.4197e-06	0.0000e+00
1537	0.0000e+00	0.0000e+00	-5.8811e-04	-1.2188e-06	6.5732e-06	0.0000e+00
1538	0.0000e+00	0.0000e+00	-6.4000e-04	-1.3991e-06	6.6891e-06	0.0000e+00
1539	0.0000e+00	0.0000e+00	-6.9884e-04	-1.4838e-06	6.6639e-06	0.0000e+00
1540	0.0000e+00	0.0000e+00	-7.1781e-04	-2.1561e-06	7.9291e-06	0.0000e+00
1541	0.0000e+00	0.0000e+00	-7.9350e-04	-1.6403e-06	7.9502e-06	0.0000e+00
1542	0.0000e+00	0.0000e+00	-8.5143e-04	-1.3139e-06	7.8978e-06	0.0000e+00
1543	0.0000e+00	0.0000e+00	-9.0263e-04	-1.3017e-06	7.8808e-06	0.0000e+00
1544	0.0000e+00	0.0000e+00	-9.5798e-04	-1.4838e-06	7.9279e-06	0.0000e+00
1545	0.0000e+00	0.0000e+00	-1.0193e-03	-1.5224e-06	8.0710e-06	0.0000e+00
1546	0.0000e+00	0.0000e+00	-1.0880e-03	-2.2834e-06	9.0692e-06	0.0000e+00
1547	0.0000e+00	0.0000e+00	-1.1638e-03	-1.5061e-06	8.9994e-06	0.0000e+00
1548	0.0000e+00	0.0000e+00	-1.2173e-03	-1.1831e-06	8.8528e-06	0.0000e+00
1549	0.0000e+00	0.0000e+00	-1.2656e-03	-1.2470e-06	8.7490e-06	0.0000e+00
1550	0.0000e+00	0.0000e+00	-1.3214e-03	-1.5532e-06	8.7204e-06	0.0000e+00
1551	0.0000e+00	0.0000e+00	-1.3901e-03	-1.8518e-06	8.8669e-06	0.0000e+00
1552	0.0000e+00	0.0000e+00	-1.4774e-03	-2.7070e-06	8.6016e-06	0.0000e+00
1553	0.0000e+00	0.0000e+00	-1.5525e-03	-1.6787e-06	8.7172e-06	0.0000e+00
1554	0.0000e+00	0.0000e+00	-1.6026e-03	-1.2755e-06	8.7488e-06	0.0000e+00
1555	0.0000e+00	0.0000e+00	-1.6483e-03	-1.3081e-06	8.7565e-06	0.0000e+00
1556	0.0000e+00	0.0000e+00	-1.7034e-03	-1.6131e-06	8.7736e-06	0.0000e+00
1557	0.0000e+00	0.0000e+00	-1.7753e-03	-2.0486e-06	8.8187e-06	0.0000e+00
1558	0.0000e+00	0.0000e+00	3.9080e-05	-3.3284e-06	1.8796e-07	0.0000e+00
1559	0.0000e+00	0.0000e+00	-3.6074e-05	-7.1912e-07	9.9827e-07	0.0000e+00
1560	0.0000e+00	0.0000e+00	-4.1848e-05	3.0883e-07	1.7701e-06	0.0000e+00
1561	0.0000e+00	0.0000e+00	-2.6746e-05	3.6882e-07	2.4526e-06	0.0000e+00

1562 0.0000e+00 0.0000e+00 -2.7361e-05 -5.0830e-07 3.1399e-06 0.0000e+00  
1563 0.0000e+00 0.0000e+00 -8.9820e-05 -2.8822e-06 3.8207e-06 0.0000e+00  
1564 0.0000e+00 0.0000e+00 -2.2196e-05 -2.8785e-06 2.4138e-06 0.0000e+00  
1565 0.0000e+00 0.0000e+00 -1.0718e-04 -1.4300e-06 2.3877e-06 0.0000e+00  
1566 0.0000e+00 0.0000e+00 -1.4298e-04 -5.0237e-07 2.9464e-06 0.0000e+00  
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1569 0.0000e+00 0.0000e+00 -2.5474e-04 -2.3347e-06 4.0316e-06 0.0000e+00  
1570 0.0000e+00 0.0000e+00 -1.6902e-04 -2.3794e-06 4.2453e-06 0.0000e+00  
1571 0.0000e+00 0.0000e+00 -2.4996e-04 -1.6442e-06 4.1461e-06 0.0000e+00  
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1709	0.0000e+00	0.0000e+00	8.6519e-04	-1.0467e-05	2.9808e-06	0.0000e+00
1710	0.0000e+00	0.0000e+00	-2.1952e-03	-1.7168e-05	1.0814e-06	0.0000e+00
1711	0.0000e+00	0.0000e+00	-2.2813e-03	-1.6041e-05	2.8803e-06	0.0000e+00
1712	0.0000e+00	0.0000e+00	-2.4487e-03	-1.5119e-05	4.8275e-06	0.0000e+00
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1715	0.0000e+00	0.0000e+00	-3.3556e-03	-1.4876e-05	8.2992e-06	0.0000e+00
1716	0.0000e+00	0.0000e+00	-4.4807e-03	-1.7316e-05	-1.5804e-05	0.0000e+00
1717	0.0000e+00	0.0000e+00	-3.8172e-03	-1.6187e-05	-1.4638e-05	0.0000e+00
1718	0.0000e+00	0.0000e+00	-3.2250e-03	-1.5138e-05	-1.2547e-05	0.0000e+00
1719	0.0000e+00	0.0000e+00	-2.7341e-03	-1.4380e-05	-9.9901e-06	0.0000e+00
1720	0.0000e+00	0.0000e+00	-2.3592e-03	-1.3984e-05	-7.2206e-06	0.0000e+00
1721	0.0000e+00	0.0000e+00	-2.1057e-03	-1.4021e-05	-4.4131e-06	0.0000e+00
1722	0.0000e+00	0.0000e+00	-1.9725e-03	-1.4557e-05	-1.6960e-06	0.0000e+00
1723	0.0000e+00	0.0000e+00	-1.9527e-03	-1.5623e-05	8.0186e-07	0.0000e+00
1724	0.0000e+00	0.0000e+00	-2.0302e-03	-1.6923e-05	2.7672e-06	0.0000e+00
1725	0.0000e+00	0.0000e+00	1.2452e-03	-1.0962e-05	1.1208e-06	0.0000e+00
1726	0.0000e+00	0.0000e+00	1.2062e-03	-1.0078e-05	6.6801e-07	0.0000e+00
1727	0.0000e+00	0.0000e+00	1.1903e-03	-9.3892e-06	6.3779e-08	0.0000e+00
1728	0.0000e+00	0.0000e+00	1.2012e-03	-9.0382e-06	-5.6595e-07	0.0000e+00
1729	0.0000e+00	0.0000e+00	1.2392e-03	-9.0617e-06	-1.1769e-06	0.0000e+00
1730	0.0000e+00	0.0000e+00	1.3026e-03	-9.4913e-06	-1.7370e-06	0.0000e+00
1731	0.0000e+00	0.0000e+00	1.3884e-03	-1.0362e-05	-2.2092e-06	0.0000e+00
1732	0.0000e+00	0.0000e+00	1.4911e-03	-1.1681e-05	-2.5172e-06	0.0000e+00
1733	0.0000e+00	0.0000e+00	1.5974e-03	-1.3137e-05	-2.3737e-06	0.0000e+00
1734	0.0000e+00	0.0000e+00	-3.4126e-04	-8.8455e-06	3.9932e-06	0.0000e+00
1735	0.0000e+00	0.0000e+00	-6.5695e-04	-6.9227e-06	4.3169e-06	0.0000e+00
1736	0.0000e+00	0.0000e+00	-9.0536e-04	-5.5053e-06	4.6693e-06	0.0000e+00
1737	0.0000e+00	0.0000e+00	-1.1070e-03	-4.5853e-06	5.0543e-06	0.0000e+00
1738	0.0000e+00	0.0000e+00	-1.2802e-03	-4.0857e-06	5.4824e-06	0.0000e+00
1739	0.0000e+00	0.0000e+00	-1.4401e-03	-3.9163e-06	5.9513e-06	0.0000e+00
1740	0.0000e+00	0.0000e+00	-1.5978e-03	-3.9768e-06	6.4552e-06	0.0000e+00
1741	0.0000e+00	0.0000e+00	-1.7604e-03	-4.1494e-06	6.9925e-06	0.0000e+00
1742	0.0000e+00	0.0000e+00	-1.9283e-03	-4.2051e-06	7.5047e-06	0.0000e+00
1743	0.0000e+00	0.0000e+00	-2.1381e-03	3.9545e-07	7.6294e-06	0.0000e+00
1744	0.0000e+00	0.0000e+00	-2.0725e-03	2.6235e-06	7.8150e-06	0.0000e+00
1745	0.0000e+00	0.0000e+00	-1.9343e-03	3.6663e-06	7.7787e-06	0.0000e+00
1746	0.0000e+00	0.0000e+00	-1.7708e-03	3.7733e-06	7.6658e-06	0.0000e+00
1747	0.0000e+00	0.0000e+00	-1.6181e-03	3.1761e-06	7.5630e-06	0.0000e+00
1748	0.0000e+00	0.0000e+00	-1.5031e-03	2.0569e-06	7.5188e-06	0.0000e+00
1749	0.0000e+00	0.0000e+00	-1.4456e-03	5.5961e-07	7.5644e-06	0.0000e+00
1750	0.0000e+00	0.0000e+00	-1.4597e-03	-1.1955e-06	7.7311e-06	0.0000e+00
1751	0.0000e+00	0.0000e+00	-1.5535e-03	-3.0266e-06	8.0362e-06	0.0000e+00
1752	0.0000e+00	0.0000e+00	2.6541e-04	-1.0980e-05	-6.5843e-07	0.0000e+00
1753	0.0000e+00	0.0000e+00	-1.3593e-04	-9.0681e-06	-1.4053e-06	0.0000e+00
1754	0.0000e+00	0.0000e+00	-4.6820e-04	-7.5544e-06	-2.1157e-06	0.0000e+00
1755	0.0000e+00	0.0000e+00	-7.4851e-04	-6.4728e-06	-2.7681e-06	0.0000e+00
1756	0.0000e+00	0.0000e+00	-9.9295e-04	-5.7606e-06	-3.3755e-06	0.0000e+00
1757	0.0000e+00	0.0000e+00	-1.2146e-03	-5.3328e-06	-3.9366e-06	0.0000e+00
1758	0.0000e+00	0.0000e+00	-1.4228e-03	-5.0856e-06	-4.4365e-06	0.0000e+00
1759	0.0000e+00	0.0000e+00	-1.6223e-03	-4.8900e-06	-4.8427e-06	0.0000e+00
1760	0.0000e+00	0.0000e+00	-1.8113e-03	-4.5507e-06	-5.0893e-06	0.0000e+00
1761	0.0000e+00	0.0000e+00	-2.0721e-03	-4.4808e-07	-5.6197e-06	0.0000e+00
1762	0.0000e+00	0.0000e+00	-2.0379e-03	2.0516e-06	-6.3610e-06	0.0000e+00
1763	0.0000e+00	0.0000e+00	-1.9209e-03	3.2790e-06	-6.6655e-06	0.0000e+00
1764	0.0000e+00	0.0000e+00	-1.7719e-03	3.5019e-06	-6.7139e-06	0.0000e+00
1765	0.0000e+00	0.0000e+00	-1.6292e-03	2.9879e-06	-6.6395e-06	0.0000e+00
1766	0.0000e+00	0.0000e+00	-1.5207e-03	1.9499e-06	-6.5225e-06	0.0000e+00
1767	0.0000e+00	0.0000e+00	-1.4655e-03	5.6010e-07	-6.4078e-06	0.0000e+00
1768	0.0000e+00	0.0000e+00	-1.4760e-03	-1.0302e-06	-6.3105e-06	0.0000e+00
1769	0.0000e+00	0.0000e+00	-1.5569e-03	-2.6323e-06	-6.2086e-06	0.0000e+00
1770	0.0000e+00	0.0000e+00	-2.2281e-03	9.8699e-07	-7.0752e-06	0.0000e+00
1771	0.0000e+00	0.0000e+00	-2.1427e-03	2.9461e-06	-7.5062e-06	0.0000e+00
1772	0.0000e+00	0.0000e+00	-1.9955e-03	3.7595e-06	-7.5624e-06	0.0000e+00
1773	0.0000e+00	0.0000e+00	-1.8316e-03	3.6946e-06	-7.4216e-06	0.0000e+00
1774	0.0000e+00	0.0000e+00	-1.6842e-03	3.0139e-06	-7.2075e-06	0.0000e+00
1775	0.0000e+00	0.0000e+00	-1.5756e-03	1.9264e-06	-6.9891e-06	0.0000e+00
1776	0.0000e+00	0.0000e+00	-1.5200e-03	6.0451e-07	-6.8013e-06	0.0000e+00
1777	0.0000e+00	0.0000e+00	-1.5243e-03	-7.9575e-07	-6.6488e-06	0.0000e+00

1778 0.0000e+00 0.0000e+00 -1.5877e-03 -2.0713e-06 -6.4877e-06 0.0000e+00  
1779 0.0000e+00 0.0000e+00 -2.2530e-03 1.2979e-06 8.1269e-06 0.0000e+00  
1780 0.0000e+00 0.0000e+00 -2.1554e-03 3.1743e-06 8.1289e-06 0.0000e+00  
1781 0.0000e+00 0.0000e+00 -1.9985e-03 3.9706e-06 7.9509e-06 0.0000e+00  
1782 0.0000e+00 0.0000e+00 -1.8250e-03 3.9249e-06 7.7119e-06 0.0000e+00  
1783 0.0000e+00 0.0000e+00 -1.6668e-03 3.2723e-06 7.4857e-06 0.0000e+00  
1784 0.0000e+00 0.0000e+00 -1.5465e-03 2.2024e-06 7.3098e-06 0.0000e+00  
1785 0.0000e+00 0.0000e+00 -1.4790e-03 8.6988e-07 7.2045e-06 0.0000e+00  
1786 0.0000e+00 0.0000e+00 -1.4730e-03 -5.9157e-07 7.1912e-06 0.0000e+00  
1787 0.0000e+00 0.0000e+00 -1.5306e-03 -1.9873e-06 7.2808e-06 0.0000e+00  
1788 0.0000e+00 0.0000e+00 -1.8968e-03 1.0528e-06 6.6974e-06 0.0000e+00  
1789 0.0000e+00 0.0000e+00 -1.8119e-03 2.8425e-06 6.7965e-06 0.0000e+00  
1790 0.0000e+00 0.0000e+00 -1.6697e-03 3.6308e-06 6.7138e-06 0.0000e+00  
1791 0.0000e+00 0.0000e+00 -1.5106e-03 3.6100e-06 6.5565e-06 0.0000e+00  
1792 0.0000e+00 0.0000e+00 -1.3658e-03 2.9783e-06 6.4007e-06 0.0000e+00  
1793 0.0000e+00 0.0000e+00 -1.2588e-03 1.8908e-06 6.2869e-06 0.0000e+00  
1794 0.0000e+00 0.0000e+00 -1.2070e-03 4.6800e-07 6.2376e-06 0.0000e+00  
1795 0.0000e+00 0.0000e+00 -1.2231e-03 -1.1924e-06 6.2773e-06 0.0000e+00  
1796 0.0000e+00 0.0000e+00 -1.3150e-03 -2.9456e-06 6.4417e-06 0.0000e+00  
1797 0.0000e+00 0.0000e+00 -1.9828e-03 1.1108e-06 -6.7764e-06 0.0000e+00  
1798 0.0000e+00 0.0000e+00 -1.8956e-03 2.9050e-06 -7.0919e-06 0.0000e+00  
1799 0.0000e+00 0.0000e+00 -1.7521e-03 3.6320e-06 -7.0647e-06 0.0000e+00  
1800 0.0000e+00 0.0000e+00 -1.5946e-03 3.5319e-06 -6.8825e-06 0.0000e+00  
1801 0.0000e+00 0.0000e+00 -1.4548e-03 2.8308e-06 -6.6654e-06 0.0000e+00  
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1803 0.0000e+00 0.0000e+00 -1.3116e-03 2.8115e-07 -6.3628e-06 0.0000e+00  
1804 0.0000e+00 0.0000e+00 -1.3342e-03 -1.3088e-06 -6.3197e-06 0.0000e+00  
1805 0.0000e+00 0.0000e+00 -1.4270e-03 -2.8913e-06 -6.2994e-06 0.0000e+00  
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1810 0.0000e+00 0.0000e+00 -1.3377e-03 4.0314e-06 -6.4921e-06 0.0000e+00  
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1823 0.0000e+00 0.0000e+00 -4.0999e-03 -1.8293e-05 -1.1682e-05 0.0000e+00  
1824 0.0000e+00 0.0000e+00 -1.9688e-03 1.6082e-06 6.2077e-06 0.0000e+00  
1825 0.0000e+00 0.0000e+00 -1.8532e-03 3.6839e-06 6.2456e-06 0.0000e+00  
1826 0.0000e+00 0.0000e+00 -1.6685e-03 4.7218e-06 6.0763e-06 0.0000e+00  
1827 0.0000e+00 0.0000e+00 -1.4566e-03 4.9192e-06 5.8001e-06 0.0000e+00  
1828 0.0000e+00 0.0000e+00 -1.2500e-03 4.4806e-06 5.4979e-06 0.0000e+00  
1829 0.0000e+00 0.0000e+00 -1.0732e-03 3.5607e-06 5.2179e-06 0.0000e+00  
1830 0.0000e+00 0.0000e+00 -9.4512e-04 2.2693e-06 4.9922e-06 0.0000e+00  
1831 0.0000e+00 0.0000e+00 -8.8041e-04 6.8156e-07 4.8585e-06 0.0000e+00  
1832 0.0000e+00 0.0000e+00 -8.9056e-04 -1.0997e-06 4.8748e-06 0.0000e+00  
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1835 0.0000e+00 0.0000e+00 -1.1599e-03 -1.2468e-06 5.3442e-06 0.0000e+00  
1836 0.0000e+00 0.0000e+00 -1.2280e-03 -2.1672e-06 5.5747e-06 0.0000e+00  
1837 0.0000e+00 0.0000e+00 -1.3454e-03 -3.7111e-06 5.7694e-06 0.0000e+00  
1838 0.0000e+00 0.0000e+00 -1.5347e-03 -5.7654e-06 5.9409e-06 0.0000e+00  
1839 0.0000e+00 0.0000e+00 -1.8141e-03 -8.2149e-06 6.0910e-06 0.0000e+00  
1840 0.0000e+00 0.0000e+00 -2.1969e-03 -1.0931e-05 6.2275e-06 0.0000e+00  
1841 0.0000e+00 0.0000e+00 -2.6899e-03 -1.3695e-05 6.3465e-06 0.0000e+00  
1842 0.0000e+00 0.0000e+00 -1.8475e-03 -2.6244e-06 7.9719e-06 0.0000e+00  
1843 0.0000e+00 0.0000e+00 -1.9319e-03 -1.5727e-06 8.2420e-06 0.0000e+00  
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1846 0.0000e+00 0.0000e+00 -2.0925e-03 -1.6392e-06 8.5550e-06 0.0000e+00  
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1850 0.0000e+00 0.0000e+00 -1.9917e-03 -1.1302e-06 -7.2246e-06 0.0000e+00  
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1871 0.0000e+00 0.0000e+00 -1.7501e-03 -1.0489e-06 -7.0954e-06 0.0000e+00  
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1875 0.0000e+00 0.0000e+00 -1.9756e-03 1.2025e-06 -7.6347e-06 0.0000e+00  
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1882 0.0000e+00 0.0000e+00 -1.6267e-03 1.5133e-06 6.8928e-06 0.0000e+00  
1883 0.0000e+00 0.0000e+00 -1.5654e-03 1.2926e-06 6.7502e-06 0.0000e+00  
1884 0.0000e+00 0.0000e+00 -1.5252e-03 5.4578e-07 6.5974e-06 0.0000e+00  
1885 0.0000e+00 0.0000e+00 -1.5260e-03 -5.7041e-07 6.4843e-06 0.0000e+00  
1886 0.0000e+00 0.0000e+00 -1.5803e-03 -1.8693e-06 6.4735e-06 0.0000e+00  
1887 0.0000e+00 0.0000e+00 -1.7704e-03 -1.0876e-06 6.2135e-06 0.0000e+00  
1888 0.0000e+00 0.0000e+00 -1.7905e-03 2.0426e-07 6.5928e-06 0.0000e+00  
1889 0.0000e+00 0.0000e+00 -1.7710e-03 6.8906e-07 6.8089e-06 0.0000e+00  
1890 0.0000e+00 0.0000e+00 -1.7443e-03 5.3430e-07 6.9163e-06 0.0000e+00  
1891 0.0000e+00 0.0000e+00 -1.7337e-03 -4.6796e-08 6.9783e-06 0.0000e+00  
1892 0.0000e+00 0.0000e+00 -1.7537e-03 -8.6023e-07 7.0430e-06 0.0000e+00  
1893 0.0000e+00 0.0000e+00 -1.8097e-03 -1.6576e-06 7.1411e-06 0.0000e+00  
2124 3.4398e-04 7.5053e-02 0.0000e+00 0.0000e+00 0.0000e+00 2.7255e-06

SPOSTAMENTI NODALI "V-x" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	1.1838e-02	-2.4385e-05	4.5451e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	8.9187e-03	5.6513e-08	4.3092e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	1.0924e-02	9.0634e-06	4.9234e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	1.1042e-02	-7.9630e-06	5.0216e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	1.0610e-02	4.7740e-06	4.9601e-05	0.0000e+00
6	0.0000e+00	0.0000e+00	1.1126e-02	-4.0145e-08	5.1384e-05	0.0000e+00
7	0.0000e+00	0.0000e+00	1.0588e-02	-4.7442e-06	4.9520e-05	0.0000e+00
8	0.0000e+00	0.0000e+00	1.1048e-02	7.8555e-06	5.0203e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	1.0877e-02	-9.0775e-06	4.9089e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	8.9604e-03	-8.2655e-09	4.3242e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	1.1812e-02	2.4182e-05	4.5421e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	1.0615e-03	-1.2043e-05	-7.7598e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	-6.1669e-04	1.1571e-07	-6.9944e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	-4.3191e-04	1.1158e-06	-8.0558e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	-4.7711e-04	-1.3976e-06	-8.1066e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	-5.4203e-04	7.5473e-07	-7.8117e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-4.8731e-04	1.0432e-08	-8.1726e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	-5.4186e-04	-7.3328e-07	-7.8077e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-4.7613e-04	1.4152e-06	-8.0913e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-4.3236e-04	-1.0991e-06	-8.0457e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	-6.1558e-04	-9.5280e-08	-6.9840e-06	0.0000e+00
22	0.0000e+00	0.0000e+00	1.0653e-03	1.2072e-05	-7.8349e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	9.1580e-03	-1.5820e-05	-3.5078e-05	0.0000e+00

24	0.0000e+00	0.0000e+00	8.5415e-03	1.6797e-06	-4.3472e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	1.0356e-02	8.1360e-06	-5.1182e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	1.0413e-02	-7.4717e-06	-5.1894e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	9.8459e-03	2.8973e-06	-4.9276e-05	0.0000e+00
28	0.0000e+00	0.0000e+00	9.5814e-03	-7.7618e-10	-4.1815e-05	0.0000e+00
29	0.0000e+00	0.0000e+00	9.8440e-03	-2.8914e-06	-4.9264e-05	0.0000e+00
30	0.0000e+00	0.0000e+00	1.0412e-02	7.4697e-06	-5.1880e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	1.0354e-02	-8.1164e-06	-5.1169e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	8.5612e-03	-1.6445e-06	-4.3542e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	9.1930e-03	1.5904e-05	-3.5161e-05	0.0000e+00
67	0.0000e+00	0.0000e+00	1.3661e-02	-2.3127e-05	3.5940e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	1.0708e-02	1.4276e-07	3.6511e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	1.2955e-02	1.0090e-05	4.0766e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	1.3116e-02	-8.7339e-06	4.1683e-05	0.0000e+00
71	0.0000e+00	0.0000e+00	1.2656e-02	5.2734e-06	4.1266e-05	0.0000e+00
72	0.0000e+00	0.0000e+00	1.3252e-02	-4.5643e-08	4.2888e-05	0.0000e+00
73	0.0000e+00	0.0000e+00	1.2630e-02	-5.2439e-06	4.1187e-05	0.0000e+00
74	0.0000e+00	0.0000e+00	1.3120e-02	8.6168e-06	4.1648e-05	0.0000e+00
75	0.0000e+00	0.0000e+00	1.2901e-02	-1.0103e-05	4.0637e-05	0.0000e+00
76	0.0000e+00	0.0000e+00	1.0756e-02	-8.8732e-08	3.6648e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	1.3635e-02	2.2925e-05	3.5991e-05	0.0000e+00
78	0.0000e+00	0.0000e+00	1.0699e-02	-1.5559e-05	-3.3984e-05	0.0000e+00
79	0.0000e+00	0.0000e+00	1.0426e-02	2.2067e-06	-4.1746e-05	0.0000e+00
80	0.0000e+00	0.0000e+00	1.2588e-02	9.5242e-06	-4.9334e-05	0.0000e+00
81	0.0000e+00	0.0000e+00	1.2678e-02	-8.6000e-06	-5.0084e-05	0.0000e+00
82	0.0000e+00	0.0000e+00	1.1984e-02	3.0502e-06	-4.7292e-05	0.0000e+00
83	0.0000e+00	0.0000e+00	1.1479e-02	-2.4909e-09	-4.2504e-05	0.0000e+00
84	0.0000e+00	0.0000e+00	1.1982e-02	-3.0462e-06	-4.7281e-05	0.0000e+00
85	0.0000e+00	0.0000e+00	1.2676e-02	8.5953e-06	-5.0072e-05	0.0000e+00
86	0.0000e+00	0.0000e+00	1.2585e-02	-9.5020e-06	-4.9327e-05	0.0000e+00
87	0.0000e+00	0.0000e+00	1.0449e-02	-2.1671e-06	-4.1816e-05	0.0000e+00
88	0.0000e+00	0.0000e+00	1.0738e-02	1.5641e-05	-3.4065e-05	0.0000e+00
89	0.0000e+00	0.0000e+00	1.2817e-02	-2.0821e-05	4.5045e-05	0.0000e+00
90	0.0000e+00	0.0000e+00	1.6117e-03	-1.2294e-05	-7.8981e-06	0.0000e+00
91	0.0000e+00	0.0000e+00	9.8050e-03	-1.3975e-05	-3.5825e-05	0.0000e+00
92	0.0000e+00	0.0000e+00	1.4687e-02	-2.1780e-05	3.8895e-05	0.0000e+00
93	0.0000e+00	0.0000e+00	1.1366e-02	-1.4202e-05	-3.3865e-05	0.0000e+00
94	0.0000e+00	0.0000e+00	1.1408e-02	1.4280e-05	-3.3946e-05	0.0000e+00
95	0.0000e+00	0.0000e+00	1.2782e-02	2.0641e-05	4.5013e-05	0.0000e+00
96	0.0000e+00	0.0000e+00	1.6166e-03	1.2315e-05	-7.9906e-06	0.0000e+00
97	0.0000e+00	0.0000e+00	9.8434e-03	1.4049e-05	-3.5918e-05	0.0000e+00
98	0.0000e+00	0.0000e+00	1.4652e-02	2.1585e-05	3.8914e-05	0.0000e+00
99	0.0000e+00	0.0000e+00	9.7657e-03	-2.3330e-05	4.6476e-05	0.0000e+00
100	0.0000e+00	0.0000e+00	8.8033e-03	-2.4308e-05	4.6571e-05	0.0000e+00
101	0.0000e+00	0.0000e+00	1.0811e-02	-2.4290e-05	4.4897e-05	0.0000e+00
102	0.0000e+00	0.0000e+00	7.8849e-03	-2.1476e-05	4.5377e-05	0.0000e+00
103	0.0000e+00	0.0000e+00	9.8584e-03	-2.1444e-05	4.4478e-05	0.0000e+00
104	0.0000e+00	0.0000e+00	7.1229e-03	-1.6605e-05	4.4510e-05	0.0000e+00
105	0.0000e+00	0.0000e+00	9.0708e-03	-1.6742e-05	4.4213e-05	0.0000e+00
106	0.0000e+00	0.0000e+00	6.5742e-03	-1.0852e-05	4.3940e-05	0.0000e+00
107	0.0000e+00	0.0000e+00	8.5053e-03	-1.1046e-05	4.4037e-05	0.0000e+00
108	0.0000e+00	0.0000e+00	6.2576e-03	-5.0128e-06	4.3810e-05	0.0000e+00
109	0.0000e+00	0.0000e+00	8.1847e-03	-5.1614e-06	4.3990e-05	0.0000e+00
110	0.0000e+00	0.0000e+00	6.1625e-03	2.2432e-07	4.4212e-05	0.0000e+00
111	0.0000e+00	0.0000e+00	8.1007e-03	1.5196e-07	4.4079e-05	0.0000e+00
112	0.0000e+00	0.0000e+00	6.2516e-03	4.2026e-06	4.5172e-05	0.0000e+00
113	0.0000e+00	0.0000e+00	8.2154e-03	4.1478e-06	4.4243e-05	0.0000e+00
114	0.0000e+00	0.0000e+00	6.4610e-03	6.2328e-06	4.6660e-05	0.0000e+00
115	0.0000e+00	0.0000e+00	8.4616e-03	6.0543e-06	4.4329e-05	0.0000e+00
116	0.0000e+00	0.0000e+00	6.6958e-03	5.4097e-06	4.8652e-05	0.0000e+00
117	0.0000e+00	0.0000e+00	8.7401e-03	5.0287e-06	4.4128e-05	0.0000e+00
118	0.0000e+00	0.0000e+00	6.8083e-03	-8.5131e-08	5.0038e-05	0.0000e+00
119	0.0000e+00	0.0000e+00	7.7393e-03	-2.1963e-05	4.4126e-05	0.0000e+00
120	0.0000e+00	0.0000e+00	6.8357e-03	-2.2741e-05	4.3532e-05	0.0000e+00
121	0.0000e+00	0.0000e+00	5.9744e-03	-2.0040e-05	4.1840e-05	0.0000e+00
122	0.0000e+00	0.0000e+00	5.2601e-03	-1.5555e-05	4.0548e-05	0.0000e+00
123	0.0000e+00	0.0000e+00	4.7417e-03	-1.0349e-05	3.9717e-05	0.0000e+00
124	0.0000e+00	0.0000e+00	4.4323e-03	-5.1871e-06	3.9500e-05	0.0000e+00
125	0.0000e+00	0.0000e+00	4.3175e-03	-6.9206e-07	3.9970e-05	0.0000e+00
126	0.0000e+00	0.0000e+00	4.3592e-03	2.5611e-06	4.1125e-05	0.0000e+00
127	0.0000e+00	0.0000e+00	4.4964e-03	3.9936e-06	4.2832e-05	0.0000e+00
128	0.0000e+00	0.0000e+00	4.6459e-03	3.0715e-06	4.4712e-05	0.0000e+00



129	0.0000e+00	0.0000e+00	4.7107e-03	-7.5643e-08	4.5639e-05	0.0000e+00
130	0.0000e+00	0.0000e+00	5.8855e-03	-2.0364e-05	3.9397e-05	0.0000e+00
131	0.0000e+00	0.0000e+00	5.0548e-03	-2.0766e-05	3.8135e-05	0.0000e+00
132	0.0000e+00	0.0000e+00	4.2700e-03	-1.8234e-05	3.6126e-05	0.0000e+00
133	0.0000e+00	0.0000e+00	3.6190e-03	-1.4220e-05	3.4536e-05	0.0000e+00
134	0.0000e+00	0.0000e+00	3.1414e-03	-9.6613e-06	3.3489e-05	0.0000e+00
135	0.0000e+00	0.0000e+00	2.8448e-03	-5.2452e-06	3.3106e-05	0.0000e+00
136	0.0000e+00	0.0000e+00	2.7127e-03	-1.5075e-06	3.3411e-05	0.0000e+00
137	0.0000e+00	0.0000e+00	2.7088e-03	1.1000e-06	3.4328e-05	0.0000e+00
138	0.0000e+00	0.0000e+00	2.7804e-03	2.2122e-06	3.5628e-05	0.0000e+00
139	0.0000e+00	0.0000e+00	2.8638e-03	1.6901e-06	3.6858e-05	0.0000e+00
140	0.0000e+00	0.0000e+00	2.8989e-03	-7.0210e-08	3.7385e-05	0.0000e+00
141	0.0000e+00	0.0000e+00	4.2840e-03	-1.8608e-05	3.3229e-05	0.0000e+00
142	0.0000e+00	0.0000e+00	3.5354e-03	-1.8507e-05	3.1589e-05	0.0000e+00
143	0.0000e+00	0.0000e+00	2.8378e-03	-1.6161e-05	2.9474e-05	0.0000e+00
144	0.0000e+00	0.0000e+00	2.2596e-03	-1.2663e-05	2.7746e-05	0.0000e+00
145	0.0000e+00	0.0000e+00	1.8307e-03	-8.7810e-06	2.6560e-05	0.0000e+00
146	0.0000e+00	0.0000e+00	1.5548e-03	-5.0904e-06	2.6000e-05	0.0000e+00
147	0.0000e+00	0.0000e+00	1.4152e-03	-2.0265e-06	2.6044e-05	0.0000e+00
148	0.0000e+00	0.0000e+00	1.3800e-03	8.5398e-08	2.6575e-05	0.0000e+00
149	0.0000e+00	0.0000e+00	1.4069e-03	1.0516e-06	2.7365e-05	0.0000e+00
150	0.0000e+00	0.0000e+00	1.4495e-03	8.9488e-07	2.8071e-05	0.0000e+00
151	0.0000e+00	0.0000e+00	1.4683e-03	-4.3771e-08	2.8346e-05	0.0000e+00
152	0.0000e+00	0.0000e+00	2.9779e-03	-1.6846e-05	2.6333e-05	0.0000e+00
153	0.0000e+00	0.0000e+00	2.3113e-03	-1.6242e-05	2.4603e-05	0.0000e+00
154	0.0000e+00	0.0000e+00	1.7018e-03	-1.4059e-05	2.2614e-05	0.0000e+00
155	0.0000e+00	0.0000e+00	1.1980e-03	-1.1046e-05	2.0942e-05	0.0000e+00
156	0.0000e+00	0.0000e+00	8.2137e-04	-7.7802e-06	1.9745e-05	0.0000e+00
157	0.0000e+00	0.0000e+00	5.7256e-04	-4.7185e-06	1.9075e-05	0.0000e+00
158	0.0000e+00	0.0000e+00	4.3639e-04	-2.1999e-06	1.8892e-05	0.0000e+00
159	0.0000e+00	0.0000e+00	3.8621e-04	-4.5359e-07	1.9080e-05	0.0000e+00
160	0.0000e+00	0.0000e+00	3.8860e-04	4.1907e-07	1.9455e-05	0.0000e+00
161	0.0000e+00	0.0000e+00	4.0919e-04	4.8347e-07	1.9798e-05	0.0000e+00
162	0.0000e+00	0.0000e+00	4.2001e-04	-4.6255e-09	1.9918e-05	0.0000e+00
163	0.0000e+00	0.0000e+00	1.9845e-03	-1.5233e-05	1.9191e-05	0.0000e+00
164	0.0000e+00	0.0000e+00	1.3921e-03	-1.4213e-05	1.7612e-05	0.0000e+00
165	0.0000e+00	0.0000e+00	8.6157e-04	-1.2165e-05	1.5947e-05	0.0000e+00
166	0.0000e+00	0.0000e+00	4.2562e-04	-9.5516e-06	1.4518e-05	0.0000e+00
167	0.0000e+00	0.0000e+00	9.8502e-05	-6.7869e-06	1.3458e-05	0.0000e+00
168	0.0000e+00	0.0000e+00	-1.2085e-04	-4.2188e-06	1.2795e-05	0.0000e+00
169	0.0000e+00	0.0000e+00	-2.4579e-04	-2.1099e-06	1.2485e-05	0.0000e+00
170	0.0000e+00	0.0000e+00	-2.9839e-04	-6.2940e-07	1.2437e-05	0.0000e+00
171	0.0000e+00	0.0000e+00	-3.0548e-04	1.5917e-07	1.2526e-05	0.0000e+00
172	0.0000e+00	0.0000e+00	-2.9405e-04	3.1710e-07	1.2628e-05	0.0000e+00
173	0.0000e+00	0.0000e+00	-2.8600e-04	3.6844e-08	1.2652e-05	0.0000e+00
174	0.0000e+00	0.0000e+00	1.3052e-03	-1.3897e-05	1.2096e-05	0.0000e+00
175	0.0000e+00	0.0000e+00	7.7250e-04	-1.2608e-05	1.0846e-05	0.0000e+00
176	0.0000e+00	0.0000e+00	3.0437e-04	-1.0672e-05	9.6493e-06	0.0000e+00
177	0.0000e+00	0.0000e+00	-7.7718e-05	-8.3521e-06	8.6132e-06	0.0000e+00
178	0.0000e+00	0.0000e+00	-3.6417e-04	-5.9425e-06	7.8198e-06	0.0000e+00
179	0.0000e+00	0.0000e+00	-5.5689e-04	-3.7142e-06	7.2774e-06	0.0000e+00
180	0.0000e+00	0.0000e+00	-6.6756e-04	-1.8778e-06	6.9513e-06	0.0000e+00
181	0.0000e+00	0.0000e+00	-7.1487e-04	-5.7133e-07	6.7785e-06	0.0000e+00
182	0.0000e+00	0.0000e+00	-7.2151e-04	1.4679e-07	6.6872e-06	0.0000e+00
183	0.0000e+00	0.0000e+00	-7.1073e-04	3.1088e-07	6.6262e-06	0.0000e+00
184	0.0000e+00	0.0000e+00	-7.0221e-04	7.0679e-08	6.5876e-06	0.0000e+00
185	0.0000e+00	0.0000e+00	9.3260e-04	-1.2920e-05	5.1999e-06	0.0000e+00
186	0.0000e+00	0.0000e+00	4.4100e-04	-1.1552e-05	4.3813e-06	0.0000e+00
187	0.0000e+00	0.0000e+00	1.3244e-05	-9.7169e-06	3.7435e-06	0.0000e+00
188	0.0000e+00	0.0000e+00	-3.3416e-04	-7.5723e-06	3.1891e-06	0.0000e+00
189	0.0000e+00	0.0000e+00	-5.9347e-04	-5.3597e-06	2.7429e-06	0.0000e+00
190	0.0000e+00	0.0000e+00	-7.6672e-04	-3.3130e-06	2.4009e-06	0.0000e+00
191	0.0000e+00	0.0000e+00	-8.6439e-04	-1.6149e-06	2.1433e-06	0.0000e+00
192	0.0000e+00	0.0000e+00	-9.0311e-04	-3.8831e-07	1.9367e-06	0.0000e+00
193	0.0000e+00	0.0000e+00	-9.0333e-04	2.9759e-07	1.7459e-06	0.0000e+00
194	0.0000e+00	0.0000e+00	-8.8720e-04	4.2610e-07	1.5612e-06	0.0000e+00
195	0.0000e+00	0.0000e+00	-8.7584e-04	9.0790e-08	1.4653e-06	0.0000e+00
196	0.0000e+00	0.0000e+00	8.5544e-04	-1.2326e-05	-1.4300e-06	0.0000e+00
197	0.0000e+00	0.0000e+00	3.8446e-04	-1.1116e-05	-1.7855e-06	0.0000e+00
198	0.0000e+00	0.0000e+00	-2.7569e-05	-9.3632e-06	-1.8370e-06	0.0000e+00
199	0.0000e+00	0.0000e+00	-3.6161e-04	-7.2627e-06	-1.9051e-06	0.0000e+00
200	0.0000e+00	0.0000e+00	-6.0930e-04	-5.0914e-06	-1.9951e-06	0.0000e+00

201	0.0000e+00	0.0000e+00	-7.7250e-04	-3.0787e-06	-2.1145e-06	0.0000e+00
202	0.0000e+00	0.0000e+00	-8.6125e-04	-1.3993e-06	-2.2633e-06	0.0000e+00
203	0.0000e+00	0.0000e+00	-8.9145e-04	-1.6955e-07	-2.4410e-06	0.0000e+00
204	0.0000e+00	0.0000e+00	-8.8266e-04	5.4121e-07	-2.6493e-06	0.0000e+00
205	0.0000e+00	0.0000e+00	-8.5692e-04	6.6966e-07	-2.9030e-06	0.0000e+00
206	0.0000e+00	0.0000e+00	-8.4021e-04	9.6616e-08	-3.0684e-06	0.0000e+00
207	0.0000e+00	0.0000e+00	5.8904e-04	-1.1288e-05	-7.5905e-06	0.0000e+00
208	0.0000e+00	0.0000e+00	1.7004e-04	-9.5425e-06	-7.2133e-06	0.0000e+00
209	0.0000e+00	0.0000e+00	-1.6979e-04	-7.3789e-06	-6.8929e-06	0.0000e+00
210	0.0000e+00	0.0000e+00	-4.2011e-04	-5.1157e-06	-6.6915e-06	0.0000e+00
211	0.0000e+00	0.0000e+00	-5.8224e-04	-3.0108e-06	-6.6313e-06	0.0000e+00
212	0.0000e+00	0.0000e+00	-6.6659e-04	-1.2574e-06	-6.6941e-06	0.0000e+00
213	0.0000e+00	0.0000e+00	-6.9004e-04	1.6476e-08	-6.8343e-06	0.0000e+00
214	0.0000e+00	0.0000e+00	-6.7346e-04	7.3964e-07	-6.9861e-06	0.0000e+00
215	0.0000e+00	0.0000e+00	-6.3999e-04	8.6382e-07	-7.0805e-06	0.0000e+00
216	0.0000e+00	0.0000e+00	6.6672e-03	-5.9967e-06	4.8528e-05	0.0000e+00
217	0.0000e+00	0.0000e+00	8.7143e-03	-5.3557e-06	4.4412e-05	0.0000e+00
218	0.0000e+00	0.0000e+00	6.3835e-03	-6.8425e-06	4.6556e-05	0.0000e+00
219	0.0000e+00	0.0000e+00	8.3929e-03	-6.4382e-06	4.4864e-05	0.0000e+00
220	0.0000e+00	0.0000e+00	6.1265e-03	-4.8363e-06	4.5274e-05	0.0000e+00
221	0.0000e+00	0.0000e+00	8.1102e-03	-4.4776e-06	4.5072e-05	0.0000e+00
222	0.0000e+00	0.0000e+00	5.9967e-03	-1.0585e-06	4.4757e-05	0.0000e+00
223	0.0000e+00	0.0000e+00	7.9743e-03	-5.4394e-07	4.5349e-05	0.0000e+00
224	0.0000e+00	0.0000e+00	6.0530e-03	3.6271e-06	4.5099e-05	0.0000e+00
225	0.0000e+00	0.0000e+00	8.0497e-03	4.3932e-06	4.5886e-05	0.0000e+00
226	0.0000e+00	0.0000e+00	6.3173e-03	8.4016e-06	4.6330e-05	0.0000e+00
227	0.0000e+00	0.0000e+00	8.3599e-03	9.3991e-06	4.6732e-05	0.0000e+00
228	0.0000e+00	0.0000e+00	6.7749e-03	1.2420e-05	4.8416e-05	0.0000e+00
229	0.0000e+00	0.0000e+00	8.8878e-03	1.3512e-05	4.7801e-05	0.0000e+00
230	0.0000e+00	0.0000e+00	7.3718e-03	1.4734e-05	5.1262e-05	0.0000e+00
231	0.0000e+00	0.0000e+00	9.5729e-03	1.5682e-05	4.8859e-05	0.0000e+00
232	0.0000e+00	0.0000e+00	8.0073e-03	1.4114e-05	5.4802e-05	0.0000e+00
233	0.0000e+00	0.0000e+00	1.0306e-02	1.4702e-05	4.9558e-05	0.0000e+00
234	0.0000e+00	0.0000e+00	8.5028e-03	8.0794e-06	5.7878e-05	0.0000e+00
235	0.0000e+00	0.0000e+00	4.6232e-03	-3.6601e-06	4.4578e-05	0.0000e+00
236	0.0000e+00	0.0000e+00	4.4279e-03	-4.8046e-06	4.2520e-05	0.0000e+00
237	0.0000e+00	0.0000e+00	4.2370e-03	-3.5979e-06	4.0874e-05	0.0000e+00
238	0.0000e+00	0.0000e+00	4.1369e-03	-7.9131e-07	4.0076e-05	0.0000e+00
239	0.0000e+00	0.0000e+00	4.1809e-03	2.8479e-06	4.0305e-05	0.0000e+00
240	0.0000e+00	0.0000e+00	4.3891e-03	6.5718e-06	4.1617e-05	0.0000e+00
241	0.0000e+00	0.0000e+00	4.7484e-03	9.6055e-06	4.3970e-05	0.0000e+00
242	0.0000e+00	0.0000e+00	5.2100e-03	1.1097e-05	4.7195e-05	0.0000e+00
243	0.0000e+00	0.0000e+00	5.6872e-03	1.0147e-05	5.0861e-05	0.0000e+00
244	0.0000e+00	0.0000e+00	6.0594e-03	6.4713e-06	5.3529e-05	0.0000e+00
245	0.0000e+00	0.0000e+00	2.8470e-03	-2.1824e-06	3.6733e-05	0.0000e+00
246	0.0000e+00	0.0000e+00	2.7258e-03	-3.0793e-06	3.5293e-05	0.0000e+00
247	0.0000e+00	0.0000e+00	2.6001e-03	-2.4092e-06	3.3941e-05	0.0000e+00
248	0.0000e+00	0.0000e+00	2.5332e-03	-4.9114e-07	3.3229e-05	0.0000e+00
249	0.0000e+00	0.0000e+00	2.5680e-03	2.1207e-06	3.3422e-05	0.0000e+00
250	0.0000e+00	0.0000e+00	2.7215e-03	4.8093e-06	3.4604e-05	0.0000e+00
251	0.0000e+00	0.0000e+00	2.9830e-03	6.9319e-06	3.6708e-05	0.0000e+00
252	0.0000e+00	0.0000e+00	3.3137e-03	7.8563e-06	3.9481e-05	0.0000e+00
253	0.0000e+00	0.0000e+00	3.6498e-03	7.1332e-06	4.2370e-05	0.0000e+00
254	0.0000e+00	0.0000e+00	3.9192e-03	4.9398e-06	4.4481e-05	0.0000e+00
255	0.0000e+00	0.0000e+00	1.4384e-03	-1.2615e-06	2.7950e-05	0.0000e+00
256	0.0000e+00	0.0000e+00	1.3663e-03	-1.8632e-06	2.7051e-05	0.0000e+00
257	0.0000e+00	0.0000e+00	1.2887e-03	-1.4994e-06	2.6149e-05	0.0000e+00
258	0.0000e+00	0.0000e+00	1.2474e-03	-2.6339e-07	2.5666e-05	0.0000e+00
259	0.0000e+00	0.0000e+00	1.2737e-03	1.4968e-06	2.5856e-05	0.0000e+00
260	0.0000e+00	0.0000e+00	1.3808e-03	3.3255e-06	2.6804e-05	0.0000e+00
261	0.0000e+00	0.0000e+00	1.5611e-03	4.7435e-06	2.8440e-05	0.0000e+00
262	0.0000e+00	0.0000e+00	1.7869e-03	5.3333e-06	3.0519e-05	0.0000e+00
263	0.0000e+00	0.0000e+00	2.0161e-03	4.8858e-06	3.2616e-05	0.0000e+00
264	0.0000e+00	0.0000e+00	2.2052e-03	3.5905e-06	3.4218e-05	0.0000e+00
265	0.0000e+00	0.0000e+00	4.0348e-04	-7.2325e-07	1.9688e-05	0.0000e+00
266	0.0000e+00	0.0000e+00	3.6076e-04	-1.1242e-06	1.9183e-05	0.0000e+00
267	0.0000e+00	0.0000e+00	3.1304e-04	-9.3311e-07	1.8669e-05	0.0000e+00
268	0.0000e+00	0.0000e+00	2.8724e-04	-1.5602e-07	1.8413e-05	0.0000e+00
269	0.0000e+00	0.0000e+00	3.0514e-04	9.9760e-07	1.8598e-05	0.0000e+00
270	0.0000e+00	0.0000e+00	3.7659e-04	2.2132e-06	1.9292e-05	0.0000e+00
271	0.0000e+00	0.0000e+00	4.9685e-04	3.1554e-06	2.0438e-05	0.0000e+00
272	0.0000e+00	0.0000e+00	6.4745e-04	3.5522e-06	2.1857e-05	0.0000e+00

273	0.0000e+00	0.0000e+00	8.0109e-04	3.2941e-06	2.3279e-05	0.0000e+00
274	0.0000e+00	0.0000e+00	9.3075e-04	2.5117e-06	2.4421e-05	0.0000e+00
275	0.0000e+00	0.0000e+00	-2.9520e-04	-4.4374e-07	1.2540e-05	0.0000e+00
276	0.0000e+00	0.0000e+00	-3.2269e-04	-7.4297e-07	1.2317e-05	0.0000e+00
277	0.0000e+00	0.0000e+00	-3.5507e-04	-6.5061e-07	1.2096e-05	0.0000e+00
278	0.0000e+00	0.0000e+00	-3.7399e-04	-1.5011e-07	1.2015e-05	0.0000e+00
279	0.0000e+00	0.0000e+00	-3.6398e-04	6.2526e-07	1.2184e-05	0.0000e+00
280	0.0000e+00	0.0000e+00	-3.1751e-04	1.4588e-06	1.2644e-05	0.0000e+00
281	0.0000e+00	0.0000e+00	-2.3727e-04	2.1149e-06	1.3359e-05	0.0000e+00
282	0.0000e+00	0.0000e+00	-1.3563e-04	2.4030e-06	1.4220e-05	0.0000e+00
283	0.0000e+00	0.0000e+00	-3.1093e-05	2.2463e-06	1.5084e-05	0.0000e+00
284	0.0000e+00	0.0000e+00	5.7862e-05	1.7279e-06	1.5820e-05	0.0000e+00
285	0.0000e+00	0.0000e+00	-7.0867e-04	-3.5472e-07	6.5739e-06	0.0000e+00
286	0.0000e+00	0.0000e+00	-7.3136e-04	-6.2483e-07	6.5654e-06	0.0000e+00
287	0.0000e+00	0.0000e+00	-7.5914e-04	-5.7771e-07	6.5582e-06	0.0000e+00
288	0.0000e+00	0.0000e+00	-7.7748e-04	-2.1151e-07	6.5976e-06	0.0000e+00
289	0.0000e+00	0.0000e+00	-7.7428e-04	3.7142e-07	6.7371e-06	0.0000e+00
290	0.0000e+00	0.0000e+00	-7.4339e-04	1.0116e-06	6.9989e-06	0.0000e+00
291	0.0000e+00	0.0000e+00	-6.8621e-04	1.5317e-06	7.3596e-06	0.0000e+00
292	0.0000e+00	0.0000e+00	-6.1166e-04	1.7757e-06	7.7627e-06	0.0000e+00
293	0.0000e+00	0.0000e+00	-5.3419e-04	1.6578e-06	8.1570e-06	0.0000e+00
294	0.0000e+00	0.0000e+00	-4.6943e-04	1.2255e-06	8.5358e-06	0.0000e+00
295	0.0000e+00	0.0000e+00	-8.8369e-04	-4.2867e-07	1.5494e-06	0.0000e+00
296	0.0000e+00	0.0000e+00	-9.0987e-04	-7.0450e-07	1.7194e-06	0.0000e+00
297	0.0000e+00	0.0000e+00	-9.4075e-04	-6.4857e-07	1.8578e-06	0.0000e+00
298	0.0000e+00	0.0000e+00	-9.6253e-04	-3.0654e-07	1.9658e-06	0.0000e+00
299	0.0000e+00	0.0000e+00	-9.6460e-04	2.2426e-07	2.0645e-06	0.0000e+00
300	0.0000e+00	0.0000e+00	-9.4141e-04	8.1401e-07	2.1621e-06	0.0000e+00
301	0.0000e+00	0.0000e+00	-8.9359e-04	1.3160e-06	2.2445e-06	0.0000e+00
302	0.0000e+00	0.0000e+00	-8.2833e-04	1.5812e-06	2.2831e-06	0.0000e+00
303	0.0000e+00	0.0000e+00	-7.5909e-04	1.4762e-06	2.2674e-06	0.0000e+00
304	0.0000e+00	0.0000e+00	-7.0372e-04	9.7498e-07	2.3164e-06	0.0000e+00
305	0.0000e+00	0.0000e+00	-8.5367e-04	-6.6788e-07	-2.8821e-06	0.0000e+00
306	0.0000e+00	0.0000e+00	-8.8957e-04	-9.1334e-07	-2.6083e-06	0.0000e+00
307	0.0000e+00	0.0000e+00	-9.2805e-04	-7.9574e-07	-2.4126e-06	0.0000e+00
308	0.0000e+00	0.0000e+00	-9.5504e-04	-4.0208e-07	-2.2886e-06	0.0000e+00
309	0.0000e+00	0.0000e+00	-9.6028e-04	1.7416e-07	-2.2434e-06	0.0000e+00
310	0.0000e+00	0.0000e+00	-9.3828e-04	8.1300e-07	-2.2830e-06	0.0000e+00
311	0.0000e+00	0.0000e+00	-8.8928e-04	1.3783e-06	-2.4103e-06	0.0000e+00
312	0.0000e+00	0.0000e+00	-8.1974e-04	1.7271e-06	-2.6276e-06	0.0000e+00
313	0.0000e+00	0.0000e+00	-7.4291e-04	1.6860e-06	-2.9556e-06	0.0000e+00
314	0.0000e+00	0.0000e+00	-6.8298e-04	9.4960e-07	-3.2269e-06	0.0000e+00
315	0.0000e+00	0.0000e+00	-6.3763e-04	-8.6804e-07	-7.0718e-06	0.0000e+00
316	0.0000e+00	0.0000e+00	-6.8217e-04	-1.1107e-06	-6.9519e-06	0.0000e+00
317	0.0000e+00	0.0000e+00	-7.2842e-04	-9.4877e-07	-6.7916e-06	0.0000e+00
318	0.0000e+00	0.0000e+00	-7.6037e-04	-4.7043e-07	-6.6847e-06	0.0000e+00
319	0.0000e+00	0.0000e+00	-7.6620e-04	2.1776e-07	-6.7016e-06	0.0000e+00
320	0.0000e+00	0.0000e+00	-7.3968e-04	9.7338e-07	-6.8710e-06	0.0000e+00
321	0.0000e+00	0.0000e+00	-6.8137e-04	1.6374e-06	-7.1749e-06	0.0000e+00
322	0.0000e+00	0.0000e+00	-5.9890e-04	2.0527e-06	-7.5511e-06	0.0000e+00
323	0.0000e+00	0.0000e+00	-5.0715e-04	2.0417e-06	-7.9088e-06	0.0000e+00
324	0.0000e+00	0.0000e+00	8.5778e-03	-7.3542e-06	5.8810e-05	0.0000e+00
325	0.0000e+00	0.0000e+00	8.1196e-03	-1.3137e-05	5.6076e-05	0.0000e+00
326	0.0000e+00	0.0000e+00	1.0477e-02	-1.3282e-05	5.0941e-05	0.0000e+00
327	0.0000e+00	0.0000e+00	7.5356e-03	-1.3372e-05	5.2944e-05	0.0000e+00
328	0.0000e+00	0.0000e+00	9.8138e-03	-1.3820e-05	5.0696e-05	0.0000e+00
329	0.0000e+00	0.0000e+00	7.0093e-03	-1.0568e-05	5.0583e-05	0.0000e+00
330	0.0000e+00	0.0000e+00	9.2210e-03	-1.1102e-05	5.0141e-05	0.0000e+00
331	0.0000e+00	0.0000e+00	6.6457e-03	-5.9772e-06	4.9067e-05	0.0000e+00
332	0.0000e+00	0.0000e+00	8.8118e-03	-6.3617e-06	4.9627e-05	0.0000e+00
333	0.0000e+00	0.0000e+00	6.5017e-03	-5.7668e-07	4.8493e-05	0.0000e+00
334	0.0000e+00	0.0000e+00	8.6496e-03	-6.8464e-07	4.9383e-05	0.0000e+00
335	0.0000e+00	0.0000e+00	6.5934e-03	4.7418e-06	4.8894e-05	0.0000e+00
336	0.0000e+00	0.0000e+00	8.7526e-03	4.9125e-06	4.9486e-05	0.0000e+00
337	0.0000e+00	0.0000e+00	6.8976e-03	9.0895e-06	5.0234e-05	0.0000e+00
338	0.0000e+00	0.0000e+00	9.0955e-03	9.4166e-06	4.9863e-05	0.0000e+00
339	0.0000e+00	0.0000e+00	7.3504e-03	1.1499e-05	5.2416e-05	0.0000e+00
340	0.0000e+00	0.0000e+00	9.6082e-03	1.1750e-05	5.0289e-05	0.0000e+00
341	0.0000e+00	0.0000e+00	7.8407e-03	1.0730e-05	5.5366e-05	0.0000e+00
342	0.0000e+00	0.0000e+00	1.0171e-02	1.0700e-05	5.0419e-05	0.0000e+00
343	0.0000e+00	0.0000e+00	8.1779e-03	4.1993e-06	5.7886e-05	0.0000e+00
344	0.0000e+00	0.0000e+00	6.0969e-03	-6.0429e-06	5.4307e-05	0.0000e+00

345	0.0000e+00	0.0000e+00	5.7480e-03	-9.5072e-06	5.1935e-05	0.0000e+00
346	0.0000e+00	0.0000e+00	5.3057e-03	-1.0147e-05	4.8622e-05	0.0000e+00
347	0.0000e+00	0.0000e+00	4.8945e-03	-8.2529e-06	4.5830e-05	0.0000e+00
348	0.0000e+00	0.0000e+00	4.6053e-03	-4.7407e-06	4.4002e-05	0.0000e+00
349	0.0000e+00	0.0000e+00	4.4893e-03	-4.8949e-07	4.3314e-05	0.0000e+00
350	0.0000e+00	0.0000e+00	4.5609e-03	3.6828e-06	4.3812e-05	0.0000e+00
351	0.0000e+00	0.0000e+00	4.7990e-03	6.9617e-06	4.5440e-05	0.0000e+00
352	0.0000e+00	0.0000e+00	5.1456e-03	8.4810e-06	4.8007e-05	0.0000e+00
353	0.0000e+00	0.0000e+00	5.5044e-03	7.3539e-06	5.1041e-05	0.0000e+00
354	0.0000e+00	0.0000e+00	5.7476e-03	3.4110e-06	5.2993e-05	0.0000e+00
355	0.0000e+00	0.0000e+00	3.9266e-03	-4.7594e-06	4.5080e-05	0.0000e+00
356	0.0000e+00	0.0000e+00	3.6689e-03	-6.7837e-06	4.3208e-05	0.0000e+00
357	0.0000e+00	0.0000e+00	3.3534e-03	-7.2623e-06	4.0610e-05	0.0000e+00
358	0.0000e+00	0.0000e+00	3.0558e-03	-6.0179e-06	3.8200e-05	0.0000e+00
359	0.0000e+00	0.0000e+00	2.8430e-03	-3.5103e-06	3.6543e-05	0.0000e+00
360	0.0000e+00	0.0000e+00	2.7562e-03	-3.9428e-07	3.5903e-05	0.0000e+00
361	0.0000e+00	0.0000e+00	2.8071e-03	2.6500e-06	3.6348e-05	0.0000e+00
362	0.0000e+00	0.0000e+00	2.9779e-03	4.9481e-06	3.7791e-05	0.0000e+00
363	0.0000e+00	0.0000e+00	3.2215e-03	5.8669e-06	3.9945e-05	0.0000e+00
364	0.0000e+00	0.0000e+00	3.4671e-03	5.0005e-06	4.2206e-05	0.0000e+00
365	0.0000e+00	0.0000e+00	3.6388e-03	2.6479e-06	4.3631e-05	0.0000e+00
366	0.0000e+00	0.0000e+00	2.1902e-03	-3.6007e-06	3.4645e-05	0.0000e+00
367	0.0000e+00	0.0000e+00	2.0035e-03	-4.7659e-06	3.3225e-05	0.0000e+00
368	0.0000e+00	0.0000e+00	1.7837e-03	-5.0258e-06	3.1354e-05	0.0000e+00
369	0.0000e+00	0.0000e+00	1.5768e-03	-4.1879e-06	2.9560e-05	0.0000e+00
370	0.0000e+00	0.0000e+00	1.4277e-03	-2.4677e-06	2.8281e-05	0.0000e+00
371	0.0000e+00	0.0000e+00	1.3659e-03	-2.9979e-07	2.7767e-05	0.0000e+00
372	0.0000e+00	0.0000e+00	1.4003e-03	1.8064e-06	2.8092e-05	0.0000e+00
373	0.0000e+00	0.0000e+00	1.5167e-03	3.3493e-06	2.9160e-05	0.0000e+00
374	0.0000e+00	0.0000e+00	1.6810e-03	3.9216e-06	3.0698e-05	0.0000e+00
375	0.0000e+00	0.0000e+00	1.8456e-03	3.3654e-06	3.2242e-05	0.0000e+00
376	0.0000e+00	0.0000e+00	1.9652e-03	1.9744e-06	3.3254e-05	0.0000e+00
377	0.0000e+00	0.0000e+00	9.0037e-04	-2.6590e-06	2.4702e-05	0.0000e+00
378	0.0000e+00	0.0000e+00	7.6634e-04	-3.3450e-06	2.3688e-05	0.0000e+00
379	0.0000e+00	0.0000e+00	6.1356e-04	-3.4619e-06	2.2430e-05	0.0000e+00
380	0.0000e+00	0.0000e+00	4.7112e-04	-2.8750e-06	2.1221e-05	0.0000e+00
381	0.0000e+00	0.0000e+00	3.6846e-04	-1.6968e-06	2.0342e-05	0.0000e+00
382	0.0000e+00	0.0000e+00	3.2582e-04	-2.1136e-07	1.9973e-05	0.0000e+00
383	0.0000e+00	0.0000e+00	3.4896e-04	1.2225e-06	2.0171e-05	0.0000e+00
384	0.0000e+00	0.0000e+00	4.2773e-04	2.2547e-06	2.0861e-05	0.0000e+00
385	0.0000e+00	0.0000e+00	5.3823e-04	2.6286e-06	2.1841e-05	0.0000e+00
386	0.0000e+00	0.0000e+00	6.4915e-04	2.2834e-06	2.2819e-05	0.0000e+00
387	0.0000e+00	0.0000e+00	7.3238e-04	1.4333e-06	2.3502e-05	0.0000e+00
388	0.0000e+00	0.0000e+00	1.7819e-05	-1.9662e-06	1.5985e-05	0.0000e+00
389	0.0000e+00	0.0000e+00	-8.0100e-05	-2.4153e-06	1.5331e-05	0.0000e+00
390	0.0000e+00	0.0000e+00	-1.8976e-04	-2.4668e-06	1.4578e-05	0.0000e+00
391	0.0000e+00	0.0000e+00	-2.9097e-04	-2.0319e-06	1.3861e-05	0.0000e+00
392	0.0000e+00	0.0000e+00	-3.6337e-04	-1.1883e-06	1.3330e-05	0.0000e+00
393	0.0000e+00	0.0000e+00	-3.9297e-04	-1.3457e-07	1.3094e-05	0.0000e+00
394	0.0000e+00	0.0000e+00	-3.7600e-04	8.7586e-07	1.3188e-05	0.0000e+00
395	0.0000e+00	0.0000e+00	-3.1991e-04	1.5978e-06	1.3564e-05	0.0000e+00
396	0.0000e+00	0.0000e+00	-2.4166e-04	1.8578e-06	1.4099e-05	0.0000e+00
397	0.0000e+00	0.0000e+00	-1.6305e-04	1.6216e-06	1.4638e-05	0.0000e+00
398	0.0000e+00	0.0000e+00	-1.0341e-04	1.0390e-06	1.5052e-05	0.0000e+00
399	0.0000e+00	0.0000e+00	-5.1471e-04	-1.5175e-06	8.6137e-06	0.0000e+00
400	0.0000e+00	0.0000e+00	-5.9126e-04	-1.9011e-06	8.2816e-06	0.0000e+00
401	0.0000e+00	0.0000e+00	-6.7768e-04	-1.9395e-06	7.9537e-06	0.0000e+00
402	0.0000e+00	0.0000e+00	-7.5687e-04	-1.5783e-06	7.6392e-06	0.0000e+00
403	0.0000e+00	0.0000e+00	-8.1264e-04	-9.0248e-07	7.3910e-06	0.0000e+00
404	0.0000e+00	0.0000e+00	-8.3449e-04	-7.3769e-08	7.2662e-06	0.0000e+00
405	0.0000e+00	0.0000e+00	-8.1984e-04	7.1690e-07	7.2857e-06	0.0000e+00
406	0.0000e+00	0.0000e+00	-7.7450e-04	1.2861e-06	7.4214e-06	0.0000e+00
407	0.0000e+00	0.0000e+00	-7.1157e-04	1.4948e-06	7.6106e-06	0.0000e+00
408	0.0000e+00	0.0000e+00	-6.4845e-04	1.2948e-06	7.7973e-06	0.0000e+00
409	0.0000e+00	0.0000e+00	-6.0165e-04	7.8802e-07	7.9785e-06	0.0000e+00
410	0.0000e+00	0.0000e+00	-7.5101e-04	-1.2910e-06	2.3324e-06	0.0000e+00
411	0.0000e+00	0.0000e+00	-8.1956e-04	-1.7587e-06	2.3011e-06	0.0000e+00
412	0.0000e+00	0.0000e+00	-8.9987e-04	-1.8004e-06	2.3476e-06	0.0000e+00
413	0.0000e+00	0.0000e+00	-9.7257e-04	-1.4345e-06	2.3504e-06	0.0000e+00
414	0.0000e+00	0.0000e+00	-1.0225e-03	-7.9386e-07	2.3196e-06	0.0000e+00
415	0.0000e+00	0.0000e+00	-1.0410e-03	-3.1736e-08	2.2837e-06	0.0000e+00
416	0.0000e+00	0.0000e+00	-1.0260e-03	6.9425e-07	2.2549e-06	0.0000e+00

417	0.0000e+00	0.0000e+00	-9.8260e-04	1.2336e-06	2.2206e-06	0.0000e+00
418	0.0000e+00	0.0000e+00	-9.2198e-04	1.4546e-06	2.1522e-06	0.0000e+00
419	0.0000e+00	0.0000e+00	-8.6048e-04	1.2583e-06	2.0401e-06	0.0000e+00
420	0.0000e+00	0.0000e+00	-8.1696e-04	6.6778e-07	2.0053e-06	0.0000e+00
421	0.0000e+00	0.0000e+00	-7.3000e-04	-1.2647e-06	-3.2544e-06	0.0000e+00
422	0.0000e+00	0.0000e+00	-8.0333e-04	-1.9806e-06	-2.9901e-06	0.0000e+00
423	0.0000e+00	0.0000e+00	-8.9189e-04	-1.9638e-06	-2.6617e-06	0.0000e+00
424	0.0000e+00	0.0000e+00	-9.6973e-04	-1.5180e-06	-2.4468e-06	0.0000e+00
425	0.0000e+00	0.0000e+00	-1.0219e-03	-8.1796e-07	-2.3240e-06	0.0000e+00
426	0.0000e+00	0.0000e+00	-1.0403e-03	-1.0049e-08	-2.2909e-06	0.0000e+00
427	0.0000e+00	0.0000e+00	-1.0235e-03	7.6039e-07	-2.3456e-06	0.0000e+00
428	0.0000e+00	0.0000e+00	-9.7611e-04	1.3550e-06	-2.4842e-06	0.0000e+00
429	0.0000e+00	0.0000e+00	-9.0884e-04	1.6489e-06	-2.7038e-06	0.0000e+00
430	0.0000e+00	0.0000e+00	-8.3789e-04	1.5037e-06	-3.0198e-06	0.0000e+00
431	0.0000e+00	0.0000e+00	-7.8850e-04	6.6320e-07	-3.2713e-06	0.0000e+00
432	0.0000e+00	0.0000e+00	-5.6498e-04	-2.3209e-06	-7.9917e-06	0.0000e+00
433	0.0000e+00	0.0000e+00	-6.6764e-04	-2.2678e-06	-7.6729e-06	0.0000e+00
434	0.0000e+00	0.0000e+00	-7.5729e-04	-1.7485e-06	-7.3459e-06	0.0000e+00
435	0.0000e+00	0.0000e+00	-8.1734e-04	-9.4236e-07	-7.1033e-06	0.0000e+00
436	0.0000e+00	0.0000e+00	-8.3855e-04	-9.9022e-09	-7.0084e-06	0.0000e+00
437	0.0000e+00	0.0000e+00	-8.1900e-04	8.8079e-07	-7.0792e-06	0.0000e+00
438	0.0000e+00	0.0000e+00	-7.6417e-04	1.5691e-06	-7.2863e-06	0.0000e+00
439	0.0000e+00	0.0000e+00	-6.8622e-04	1.9173e-06	-7.5566e-06	0.0000e+00
440	0.0000e+00	0.0000e+00	-6.0322e-04	1.7871e-06	-7.7919e-06	0.0000e+00
441	0.0000e+00	0.0000e+00	8.1598e-03	-4.1738e-06	5.7779e-05	0.0000e+00
442	0.0000e+00	0.0000e+00	7.8246e-03	-1.0664e-05	5.5271e-05	0.0000e+00
443	0.0000e+00	0.0000e+00	1.0151e-02	-1.0627e-05	5.0340e-05	0.0000e+00
444	0.0000e+00	0.0000e+00	7.3378e-03	-1.1411e-05	5.2339e-05	0.0000e+00
445	0.0000e+00	0.0000e+00	9.5923e-03	-1.1652e-05	5.0221e-05	0.0000e+00
446	0.0000e+00	0.0000e+00	6.8890e-03	-8.9909e-06	5.0176e-05	0.0000e+00
447	0.0000e+00	0.0000e+00	9.0845e-03	-9.3056e-06	4.9808e-05	0.0000e+00
448	0.0000e+00	0.0000e+00	6.5892e-03	-4.6419e-06	4.8855e-05	0.0000e+00
449	0.0000e+00	0.0000e+00	8.7466e-03	-4.7997e-06	4.9444e-05	0.0000e+00
450	0.0000e+00	0.0000e+00	6.5017e-03	6.6986e-07	4.8473e-05	0.0000e+00
451	0.0000e+00	0.0000e+00	8.6486e-03	7.8935e-07	4.9355e-05	0.0000e+00
452	0.0000e+00	0.0000e+00	6.6495e-03	6.0555e-06	4.9063e-05	0.0000e+00
453	0.0000e+00	0.0000e+00	8.8151e-03	6.4487e-06	4.9611e-05	0.0000e+00
454	0.0000e+00	0.0000e+00	7.0160e-03	1.0622e-05	5.0592e-05	0.0000e+00
455	0.0000e+00	0.0000e+00	9.2277e-03	1.1161e-05	5.0133e-05	0.0000e+00
456	0.0000e+00	0.0000e+00	7.5439e-03	1.3392e-05	5.2961e-05	0.0000e+00
457	0.0000e+00	0.0000e+00	9.8224e-03	1.3838e-05	5.0691e-05	0.0000e+00
458	0.0000e+00	0.0000e+00	8.1278e-03	1.3109e-05	5.6097e-05	0.0000e+00
459	0.0000e+00	0.0000e+00	1.0485e-02	1.3246e-05	5.0935e-05	0.0000e+00
460	0.0000e+00	0.0000e+00	8.5834e-03	7.2596e-06	5.8824e-05	0.0000e+00
461	0.0000e+00	0.0000e+00	5.7341e-03	-3.3901e-06	5.2892e-05	0.0000e+00
462	0.0000e+00	0.0000e+00	5.4924e-03	-7.3047e-06	5.0950e-05	0.0000e+00
463	0.0000e+00	0.0000e+00	5.1362e-03	-8.4128e-06	4.7933e-05	0.0000e+00
464	0.0000e+00	0.0000e+00	4.7929e-03	-6.8838e-06	4.5387e-05	0.0000e+00
465	0.0000e+00	0.0000e+00	4.5583e-03	-3.6030e-06	4.3779e-05	0.0000e+00
466	0.0000e+00	0.0000e+00	4.4900e-03	5.6401e-07	4.3300e-05	0.0000e+00
467	0.0000e+00	0.0000e+00	4.6091e-03	4.8029e-06	4.4005e-05	0.0000e+00
468	0.0000e+00	0.0000e+00	4.9006e-03	8.2949e-06	4.5848e-05	0.0000e+00
469	0.0000e+00	0.0000e+00	5.3130e-03	1.0160e-05	4.8649e-05	0.0000e+00
470	0.0000e+00	0.0000e+00	5.7551e-03	9.4802e-06	5.1964e-05	0.0000e+00
471	0.0000e+00	0.0000e+00	6.1017e-03	5.9666e-06	5.4326e-05	0.0000e+00
472	0.0000e+00	0.0000e+00	3.6293e-03	-2.6312e-06	4.3546e-05	0.0000e+00
473	0.0000e+00	0.0000e+00	3.4588e-03	-4.9644e-06	4.2130e-05	0.0000e+00
474	0.0000e+00	0.0000e+00	3.2151e-03	-5.8162e-06	3.9883e-05	0.0000e+00
475	0.0000e+00	0.0000e+00	2.9739e-03	-4.8894e-06	3.7746e-05	0.0000e+00
476	0.0000e+00	0.0000e+00	2.8058e-03	-2.5894e-06	3.6322e-05	0.0000e+00
477	0.0000e+00	0.0000e+00	2.7574e-03	4.5100e-07	3.5895e-05	0.0000e+00
478	0.0000e+00	0.0000e+00	2.8466e-03	3.5573e-06	3.6551e-05	0.0000e+00
479	0.0000e+00	0.0000e+00	3.0611e-03	6.0487e-06	3.8220e-05	0.0000e+00
480	0.0000e+00	0.0000e+00	3.3596e-03	7.2699e-06	4.0638e-05	0.0000e+00
481	0.0000e+00	0.0000e+00	3.6747e-03	6.7608e-06	4.3236e-05	0.0000e+00
482	0.0000e+00	0.0000e+00	3.9307e-03	4.7013e-06	4.5096e-05	0.0000e+00
483	0.0000e+00	0.0000e+00	1.9590e-03	-1.9614e-06	3.3189e-05	0.0000e+00
484	0.0000e+00	0.0000e+00	1.8402e-03	-3.3393e-06	3.2182e-05	0.0000e+00
485	0.0000e+00	0.0000e+00	1.6770e-03	-3.8854e-06	3.0649e-05	0.0000e+00
486	0.0000e+00	0.0000e+00	1.5144e-03	-3.3071e-06	2.9126e-05	0.0000e+00
487	0.0000e+00	0.0000e+00	1.3999e-03	-1.7625e-06	2.8073e-05	0.0000e+00
488	0.0000e+00	0.0000e+00	1.3675e-03	3.4089e-07	2.7763e-05	0.0000e+00

489	0.0000e+00	0.0000e+00	1.4309e-03	2.5015e-06	2.8290e-05	0.0000e+00
490	0.0000e+00	0.0000e+00	1.5813e-03	4.2096e-06	2.9579e-05	0.0000e+00
491	0.0000e+00	0.0000e+00	1.7888e-03	5.0302e-06	3.1379e-05	0.0000e+00
492	0.0000e+00	0.0000e+00	2.0083e-03	4.7484e-06	3.3249e-05	0.0000e+00
493	0.0000e+00	0.0000e+00	2.1937e-03	3.5589e-06	3.4659e-05	0.0000e+00
494	0.0000e+00	0.0000e+00	7.2857e-04	-1.4232e-06	2.3455e-05	0.0000e+00
495	0.0000e+00	0.0000e+00	6.4598e-04	-2.2649e-06	2.2775e-05	0.0000e+00
496	0.0000e+00	0.0000e+00	5.3603e-04	-2.6035e-06	2.1806e-05	0.0000e+00
497	0.0000e+00	0.0000e+00	4.2673e-04	-2.2256e-06	2.0836e-05	0.0000e+00
498	0.0000e+00	0.0000e+00	3.4929e-04	-1.1923e-06	2.0159e-05	0.0000e+00
499	0.0000e+00	0.0000e+00	3.2745e-04	2.3975e-07	1.9972e-05	0.0000e+00
500	0.0000e+00	0.0000e+00	3.7124e-04	1.7201e-06	2.0352e-05	0.0000e+00
501	0.0000e+00	0.0000e+00	4.7476e-04	2.8899e-06	2.1239e-05	0.0000e+00
502	0.0000e+00	0.0000e+00	6.1760e-04	3.4648e-06	2.2451e-05	0.0000e+00
503	0.0000e+00	0.0000e+00	7.7019e-04	3.3330e-06	2.3707e-05	0.0000e+00
504	0.0000e+00	0.0000e+00	9.0333e-04	2.6306e-06	2.4712e-05	0.0000e+00
505	0.0000e+00	0.0000e+00	-1.0548e-04	-1.0308e-06	1.5019e-05	0.0000e+00
506	0.0000e+00	0.0000e+00	-1.6464e-04	-1.6085e-06	1.4609e-05	0.0000e+00
507	0.0000e+00	0.0000e+00	-2.4258e-04	-1.8409e-06	1.4075e-05	0.0000e+00
508	0.0000e+00	0.0000e+00	-3.2003e-04	-1.5786e-06	1.3548e-05	0.0000e+00
509	0.0000e+00	0.0000e+00	-3.7525e-04	-8.5608e-07	1.3181e-05	0.0000e+00
510	0.0000e+00	0.0000e+00	-3.9137e-04	1.5311e-07	1.3096e-05	0.0000e+00
511	0.0000e+00	0.0000e+00	-3.6101e-04	1.2036e-06	1.3340e-05	0.0000e+00
512	0.0000e+00	0.0000e+00	-2.8805e-04	2.0417e-06	1.3877e-05	0.0000e+00
513	0.0000e+00	0.0000e+00	-1.8657e-04	2.4691e-06	1.4596e-05	0.0000e+00
514	0.0000e+00	0.0000e+00	-7.7006e-05	2.4081e-06	1.5347e-05	0.0000e+00
515	0.0000e+00	0.0000e+00	2.0358e-05	1.9483e-06	1.5994e-05	0.0000e+00
516	0.0000e+00	0.0000e+00	-6.0256e-04	-7.8078e-07	7.9576e-06	0.0000e+00
517	0.0000e+00	0.0000e+00	-6.4899e-04	-1.2852e-06	7.7779e-06	0.0000e+00
518	0.0000e+00	0.0000e+00	-7.1164e-04	-1.4838e-06	7.5951e-06	0.0000e+00
519	0.0000e+00	0.0000e+00	-7.7407e-04	-1.2743e-06	7.4117e-06	0.0000e+00
520	0.0000e+00	0.0000e+00	-8.1887e-04	-7.0498e-07	7.2827e-06	0.0000e+00
521	0.0000e+00	0.0000e+00	-8.3301e-04	8.4889e-08	7.2699e-06	0.0000e+00
522	0.0000e+00	0.0000e+00	-8.1070e-04	9.1171e-07	7.4007e-06	0.0000e+00
523	0.0000e+00	0.0000e+00	-7.5459e-04	1.5845e-06	7.6532e-06	0.0000e+00
524	0.0000e+00	0.0000e+00	-6.7522e-04	1.9416e-06	7.9695e-06	0.0000e+00
525	0.0000e+00	0.0000e+00	-5.8881e-04	1.8980e-06	8.2956e-06	0.0000e+00
526	0.0000e+00	0.0000e+00	-5.1254e-04	1.5078e-06	8.6220e-06	0.0000e+00
527	0.0000e+00	0.0000e+00	-8.1717e-04	-6.6002e-07	1.9936e-06	0.0000e+00
528	0.0000e+00	0.0000e+00	-8.6034e-04	-1.2507e-06	2.0282e-06	0.0000e+00
529	0.0000e+00	0.0000e+00	-9.2152e-04	-1.4478e-06	2.1432e-06	0.0000e+00
530	0.0000e+00	0.0000e+00	-9.8185e-04	-1.2272e-06	2.2157e-06	0.0000e+00
531	0.0000e+00	0.0000e+00	-1.0250e-03	-6.8806e-07	2.2549e-06	0.0000e+00
532	0.0000e+00	0.0000e+00	-1.0397e-03	3.7401e-08	2.2885e-06	0.0000e+00
533	0.0000e+00	0.0000e+00	-1.0210e-03	7.9853e-07	2.3287e-06	0.0000e+00
534	0.0000e+00	0.0000e+00	-9.7086e-04	1.4378e-06	2.3630e-06	0.0000e+00
535	0.0000e+00	0.0000e+00	-8.9805e-04	1.8023e-06	2.3621e-06	0.0000e+00
536	0.0000e+00	0.0000e+00	-8.1769e-04	1.7591e-06	2.3145e-06	0.0000e+00
537	0.0000e+00	0.0000e+00	-7.4920e-04	1.2879e-06	2.3406e-06	0.0000e+00
538	0.0000e+00	0.0000e+00	-7.8837e-04	-6.5282e-07	-3.2759e-06	0.0000e+00
539	0.0000e+00	0.0000e+00	-8.3736e-04	-1.4977e-06	-3.0263e-06	0.0000e+00
540	0.0000e+00	0.0000e+00	-9.0810e-04	-1.6454e-06	-2.7075e-06	0.0000e+00
541	0.0000e+00	0.0000e+00	-9.7524e-04	-1.3524e-06	-2.4851e-06	0.0000e+00
542	0.0000e+00	0.0000e+00	-1.0225e-03	-7.5812e-07	-2.3434e-06	0.0000e+00
543	0.0000e+00	0.0000e+00	-1.0393e-03	1.1922e-08	-2.2856e-06	0.0000e+00
544	0.0000e+00	0.0000e+00	-1.0207e-03	8.1926e-07	-2.3158e-06	0.0000e+00
545	0.0000e+00	0.0000e+00	-9.6853e-04	1.5187e-06	-2.4360e-06	0.0000e+00
546	0.0000e+00	0.0000e+00	-8.9067e-04	1.9645e-06	-2.6487e-06	0.0000e+00
547	0.0000e+00	0.0000e+00	-8.0205e-04	1.9833e-06	-2.9758e-06	0.0000e+00
548	0.0000e+00	0.0000e+00	-7.2855e-04	1.2683e-06	-3.2454e-06	0.0000e+00
549	0.0000e+00	0.0000e+00	-6.0259e-04	-1.7821e-06	-7.7902e-06	0.0000e+00
550	0.0000e+00	0.0000e+00	-6.8544e-04	-1.9155e-06	-7.5548e-06	0.0000e+00
551	0.0000e+00	0.0000e+00	-7.6334e-04	-1.5684e-06	-7.2837e-06	0.0000e+00
552	0.0000e+00	0.0000e+00	-8.1815e-04	-8.8071e-07	-7.0754e-06	0.0000e+00
553	0.0000e+00	0.0000e+00	-8.3770e-04	9.5415e-09	-7.0031e-06	0.0000e+00
554	0.0000e+00	0.0000e+00	-8.1652e-04	9.4152e-07	-7.0965e-06	0.0000e+00
555	0.0000e+00	0.0000e+00	-7.5651e-04	1.7472e-06	-7.3377e-06	0.0000e+00
556	0.0000e+00	0.0000e+00	-6.6691e-04	2.2666e-06	-7.6633e-06	0.0000e+00
557	0.0000e+00	0.0000e+00	-5.6427e-04	2.3218e-06	-7.9807e-06	0.0000e+00
558	0.0000e+00	0.0000e+00	8.4636e-03	-8.0962e-06	5.7662e-05	0.0000e+00
559	0.0000e+00	0.0000e+00	7.9697e-03	-1.4022e-05	5.4606e-05	0.0000e+00
560	0.0000e+00	0.0000e+00	1.0261e-02	-1.4599e-05	4.9415e-05	0.0000e+00

561	0.0000e+00	0.0000e+00	7.3398e-03	-1.4575e-05	5.1103e-05	0.0000e+00
562	0.0000e+00	0.0000e+00	9.5347e-03	-1.5500e-05	4.8736e-05	0.0000e+00
563	0.0000e+00	0.0000e+00	6.7509e-03	-1.2218e-05	4.8299e-05	0.0000e+00
564	0.0000e+00	0.0000e+00	8.8592e-03	-1.3279e-05	4.7709e-05	0.0000e+00
565	0.0000e+00	0.0000e+00	6.3027e-03	-8.1764e-06	4.6261e-05	0.0000e+00
566	0.0000e+00	0.0000e+00	8.3425e-03	-9.1365e-06	4.6678e-05	0.0000e+00
567	0.0000e+00	0.0000e+00	6.0485e-03	-3.3936e-06	4.5080e-05	0.0000e+00
568	0.0000e+00	0.0000e+00	8.0444e-03	-4.1197e-06	4.5871e-05	0.0000e+00
569	0.0000e+00	0.0000e+00	6.0023e-03	1.2870e-06	4.4788e-05	0.0000e+00
570	0.0000e+00	0.0000e+00	7.9812e-03	8.1212e-07	4.5376e-05	0.0000e+00
571	0.0000e+00	0.0000e+00	6.1417e-03	5.0464e-06	4.5354e-05	0.0000e+00
572	0.0000e+00	0.0000e+00	8.1287e-03	4.7240e-06	4.5140e-05	0.0000e+00
573	0.0000e+00	0.0000e+00	6.4072e-03	7.0185e-06	4.6682e-05	0.0000e+00
574	0.0000e+00	0.0000e+00	8.4217e-03	6.6439e-06	4.4967e-05	0.0000e+00
575	0.0000e+00	0.0000e+00	6.6975e-03	6.1187e-06	4.8693e-05	0.0000e+00
576	0.0000e+00	0.0000e+00	8.7512e-03	5.4974e-06	4.4545e-05	0.0000e+00
577	0.0000e+00	0.0000e+00	6.8423e-03	1.2353e-07	5.0228e-05	0.0000e+00
578	0.0000e+00	0.0000e+00	6.0294e-03	-6.4877e-06	5.3319e-05	0.0000e+00
579	0.0000e+00	0.0000e+00	5.6583e-03	-1.0086e-05	5.0665e-05	0.0000e+00
580	0.0000e+00	0.0000e+00	5.1852e-03	-1.0979e-05	4.7033e-05	0.0000e+00
581	0.0000e+00	0.0000e+00	4.7295e-03	-9.4512e-06	4.3852e-05	0.0000e+00
582	0.0000e+00	0.0000e+00	4.3776e-03	-6.3972e-06	4.1547e-05	0.0000e+00
583	0.0000e+00	0.0000e+00	4.1773e-03	-2.6660e-06	4.0285e-05	0.0000e+00
584	0.0000e+00	0.0000e+00	4.1412e-03	9.6893e-07	4.0106e-05	0.0000e+00
585	0.0000e+00	0.0000e+00	4.2488e-03	3.7597e-06	4.0953e-05	0.0000e+00
586	0.0000e+00	0.0000e+00	4.4462e-03	4.9372e-06	4.2643e-05	0.0000e+00
587	0.0000e+00	0.0000e+00	4.6464e-03	3.7482e-06	4.4738e-05	0.0000e+00
588	0.0000e+00	0.0000e+00	4.7366e-03	1.0403e-07	4.5818e-05	0.0000e+00
589	0.0000e+00	0.0000e+00	3.8977e-03	-4.9545e-06	4.4303e-05	0.0000e+00
590	0.0000e+00	0.0000e+00	3.6289e-03	-7.0948e-06	4.2200e-05	0.0000e+00
591	0.0000e+00	0.0000e+00	3.2955e-03	-7.7747e-06	3.9338e-05	0.0000e+00
592	0.0000e+00	0.0000e+00	2.9691e-03	-6.8207e-06	3.6602e-05	0.0000e+00
593	0.0000e+00	0.0000e+00	2.7128e-03	-4.6812e-06	3.4540e-05	0.0000e+00
594	0.0000e+00	0.0000e+00	2.5651e-03	-1.9864e-06	3.3403e-05	0.0000e+00
595	0.0000e+00	0.0000e+00	2.5362e-03	6.2211e-07	3.3255e-05	0.0000e+00
596	0.0000e+00	0.0000e+00	2.6087e-03	2.5274e-06	3.4009e-05	0.0000e+00
597	0.0000e+00	0.0000e+00	2.7391e-03	3.1746e-06	3.5399e-05	0.0000e+00
598	0.0000e+00	0.0000e+00	2.8638e-03	2.2441e-06	3.6868e-05	0.0000e+00
599	0.0000e+00	0.0000e+00	2.9176e-03	9.0196e-08	3.7535e-05	0.0000e+00
600	0.0000e+00	0.0000e+00	2.1906e-03	-3.6030e-06	3.4078e-05	0.0000e+00
601	0.0000e+00	0.0000e+00	2.0017e-03	-4.8627e-06	3.2482e-05	0.0000e+00
602	0.0000e+00	0.0000e+00	1.7743e-03	-5.2799e-06	3.0404e-05	0.0000e+00
603	0.0000e+00	0.0000e+00	1.5513e-03	-4.6681e-06	2.8353e-05	0.0000e+00
604	0.0000e+00	0.0000e+00	1.3746e-03	-3.2369e-06	2.6752e-05	0.0000e+00
605	0.0000e+00	0.0000e+00	1.2716e-03	-1.4031e-06	2.5840e-05	0.0000e+00
606	0.0000e+00	0.0000e+00	1.2494e-03	3.5489e-07	2.5686e-05	0.0000e+00
607	0.0000e+00	0.0000e+00	1.2946e-03	1.5815e-06	2.6203e-05	0.0000e+00
608	0.0000e+00	0.0000e+00	1.3755e-03	1.9286e-06	2.7135e-05	0.0000e+00
609	0.0000e+00	0.0000e+00	1.4500e-03	1.3032e-06	2.8056e-05	0.0000e+00
610	0.0000e+00	0.0000e+00	1.4811e-03	5.7033e-08	2.8464e-05	0.0000e+00
611	0.0000e+00	0.0000e+00	9.2141e-04	-2.5219e-06	2.4318e-05	0.0000e+00
612	0.0000e+00	0.0000e+00	7.9181e-04	-3.2814e-06	2.3179e-05	0.0000e+00
613	0.0000e+00	0.0000e+00	6.3919e-04	-3.5194e-06	2.1770e-05	0.0000e+00
614	0.0000e+00	0.0000e+00	4.9041e-04	-3.1074e-06	2.0372e-05	0.0000e+00
615	0.0000e+00	0.0000e+00	3.7250e-04	-2.1556e-06	1.9252e-05	0.0000e+00
616	0.0000e+00	0.0000e+00	3.0370e-04	-9.3590e-07	1.8586e-05	0.0000e+00
617	0.0000e+00	0.0000e+00	2.8853e-04	2.1659e-07	1.8428e-05	0.0000e+00
618	0.0000e+00	0.0000e+00	3.1689e-04	9.8746e-07	1.8709e-05	0.0000e+00
619	0.0000e+00	0.0000e+00	3.6678e-04	1.1673e-06	1.9245e-05	0.0000e+00
620	0.0000e+00	0.0000e+00	4.1108e-04	7.5054e-07	1.9766e-05	0.0000e+00
621	0.0000e+00	0.0000e+00	4.2840e-04	1.2946e-08	2.0004e-05	0.0000e+00
622	0.0000e+00	0.0000e+00	5.2296e-05	-1.7357e-06	1.5748e-05	0.0000e+00
623	0.0000e+00	0.0000e+00	-3.6693e-05	-2.2402e-06	1.5013e-05	0.0000e+00
624	0.0000e+00	0.0000e+00	-1.4068e-04	-2.3846e-06	1.4158e-05	0.0000e+00
625	0.0000e+00	0.0000e+00	-2.4127e-04	-2.0866e-06	1.3312e-05	0.0000e+00
626	0.0000e+00	0.0000e+00	-3.2010e-04	-1.4240e-06	1.2615e-05	0.0000e+00
627	0.0000e+00	0.0000e+00	-3.6494e-04	-5.8730e-07	1.2175e-05	0.0000e+00
628	0.0000e+00	0.0000e+00	-3.7327e-04	1.8788e-07	1.2026e-05	0.0000e+00
629	0.0000e+00	0.0000e+00	-3.5273e-04	6.8491e-07	1.2125e-05	0.0000e+00
630	0.0000e+00	0.0000e+00	-3.1897e-04	7.7050e-07	1.2361e-05	0.0000e+00
631	0.0000e+00	0.0000e+00	-2.9047e-04	4.6134e-07	1.2595e-05	0.0000e+00
632	0.0000e+00	0.0000e+00	-2.8076e-04	-3.1681e-08	1.2711e-05	0.0000e+00

633	0.0000e+00	0.0000e+00	-4.7243e-04	-1.2308e-06	8.4888e-06	0.0000e+00
634	0.0000e+00	0.0000e+00	-5.3726e-04	-1.6556e-06	8.1100e-06	0.0000e+00
635	0.0000e+00	0.0000e+00	-6.1447e-04	-1.7669e-06	7.7211e-06	0.0000e+00
636	0.0000e+00	0.0000e+00	-6.8850e-04	-1.5171e-06	7.3277e-06	0.0000e+00
637	0.0000e+00	0.0000e+00	-7.4493e-04	-9.9274e-07	6.9793e-06	0.0000e+00
638	0.0000e+00	0.0000e+00	-7.7492e-04	-3.5009e-07	6.7311e-06	0.0000e+00
639	0.0000e+00	0.0000e+00	-7.7715e-04	2.3343e-07	6.6051e-06	0.0000e+00
640	0.0000e+00	0.0000e+00	-7.5785e-04	5.9836e-07	6.5779e-06	0.0000e+00
641	0.0000e+00	0.0000e+00	-7.2922e-04	6.4229e-07	6.5948e-06	0.0000e+00
642	0.0000e+00	0.0000e+00	-7.0587e-04	3.6669e-07	6.6091e-06	0.0000e+00
643	0.0000e+00	0.0000e+00	-6.9905e-04	-6.6865e-08	6.6248e-06	0.0000e+00
644	0.0000e+00	0.0000e+00	-7.0512e-04	-9.7703e-07	2.2889e-06	0.0000e+00
645	0.0000e+00	0.0000e+00	-7.6052e-04	-1.4759e-06	2.2384e-06	0.0000e+00
646	0.0000e+00	0.0000e+00	-8.2970e-04	-1.5785e-06	2.2573e-06	0.0000e+00
647	0.0000e+00	0.0000e+00	-8.9476e-04	-1.3103e-06	2.2247e-06	0.0000e+00
648	0.0000e+00	0.0000e+00	-9.4226e-04	-8.0553e-07	2.1498e-06	0.0000e+00
649	0.0000e+00	0.0000e+00	-9.6502e-04	-2.1380e-07	2.0606e-06	0.0000e+00
650	0.0000e+00	0.0000e+00	-9.6246e-04	3.1808e-07	1.9703e-06	0.0000e+00
651	0.0000e+00	0.0000e+00	-9.4016e-04	6.6040e-07	1.8700e-06	0.0000e+00
652	0.0000e+00	0.0000e+00	-9.0876e-04	7.1600e-07	1.7376e-06	0.0000e+00
653	0.0000e+00	0.0000e+00	-8.8209e-04	4.3856e-07	1.5702e-06	0.0000e+00
654	0.0000e+00	0.0000e+00	-8.7391e-04	-8.6259e-08	1.4851e-06	0.0000e+00
655	0.0000e+00	0.0000e+00	-6.8354e-04	-9.4660e-07	-3.2385e-06	0.0000e+00
656	0.0000e+00	0.0000e+00	-7.4340e-04	-1.6869e-06	-2.9705e-06	0.0000e+00
657	0.0000e+00	0.0000e+00	-8.2027e-04	-1.7279e-06	-2.6406e-06	0.0000e+00
658	0.0000e+00	0.0000e+00	-8.8981e-04	-1.3774e-06	-2.4209e-06	0.0000e+00
659	0.0000e+00	0.0000e+00	-9.3871e-04	-8.1029e-07	-2.2903e-06	0.0000e+00
660	0.0000e+00	0.0000e+00	-9.6055e-04	-1.6987e-07	-2.2466e-06	0.0000e+00
661	0.0000e+00	0.0000e+00	-9.5509e-04	4.0755e-07	-2.2876e-06	0.0000e+00
662	0.0000e+00	0.0000e+00	-9.2783e-04	8.0216e-07	-2.4074e-06	0.0000e+00
663	0.0000e+00	0.0000e+00	-8.8904e-04	9.2096e-07	-2.5993e-06	0.0000e+00
664	0.0000e+00	0.0000e+00	-8.5276e-04	6.7804e-07	-2.8705e-06	0.0000e+00
665	0.0000e+00	0.0000e+00	-8.3886e-04	-8.8638e-08	-3.0609e-06	0.0000e+00
666	0.0000e+00	0.0000e+00	-5.0734e-04	-2.0408e-06	-7.9085e-06	0.0000e+00
667	0.0000e+00	0.0000e+00	-5.9909e-04	-2.0534e-06	-7.5540e-06	0.0000e+00
668	0.0000e+00	0.0000e+00	-6.8158e-04	-1.6376e-06	-7.1792e-06	0.0000e+00
669	0.0000e+00	0.0000e+00	-7.3986e-04	-9.7240e-07	-6.8757e-06	0.0000e+00
670	0.0000e+00	0.0000e+00	-7.6631e-04	-2.1565e-07	-6.7061e-06	0.0000e+00
671	0.0000e+00	0.0000e+00	-7.6036e-04	4.7351e-07	-6.6887e-06	0.0000e+00
672	0.0000e+00	0.0000e+00	-7.2825e-04	9.5261e-07	-6.7948e-06	0.0000e+00
673	0.0000e+00	0.0000e+00	-6.8180e-04	1.1154e-06	-6.9538e-06	0.0000e+00
674	0.0000e+00	0.0000e+00	-6.3701e-04	8.7484e-07	-7.0711e-06	0.0000e+00
675	0.0000e+00	0.0000e+00	6.7296e-03	-5.4502e-06	4.8839e-05	0.0000e+00
676	0.0000e+00	0.0000e+00	8.7814e-03	-5.0703e-06	4.4280e-05	0.0000e+00
677	0.0000e+00	0.0000e+00	6.4921e-03	-6.3284e-06	4.6829e-05	0.0000e+00
678	0.0000e+00	0.0000e+00	8.4995e-03	-6.1610e-06	4.4471e-05	0.0000e+00
679	0.0000e+00	0.0000e+00	6.2781e-03	-4.3366e-06	4.5317e-05	0.0000e+00
680	0.0000e+00	0.0000e+00	8.2479e-03	-4.3003e-06	4.4369e-05	0.0000e+00
681	0.0000e+00	0.0000e+00	6.1831e-03	-3.8475e-07	4.4330e-05	0.0000e+00
682	0.0000e+00	0.0000e+00	8.1262e-03	-3.3598e-07	4.4186e-05	0.0000e+00
683	0.0000e+00	0.0000e+00	6.2714e-03	4.8344e-06	4.3899e-05	0.0000e+00
684	0.0000e+00	0.0000e+00	8.2023e-03	4.9566e-06	4.4074e-05	0.0000e+00
685	0.0000e+00	0.0000e+00	6.5807e-03	1.0662e-05	4.3997e-05	0.0000e+00
686	0.0000e+00	0.0000e+00	8.5144e-03	1.0829e-05	4.4097e-05	0.0000e+00
687	0.0000e+00	0.0000e+00	7.1216e-03	1.6408e-05	4.4536e-05	0.0000e+00
688	0.0000e+00	0.0000e+00	9.0709e-03	1.6518e-05	4.4249e-05	0.0000e+00
689	0.0000e+00	0.0000e+00	7.8757e-03	2.1277e-05	4.5374e-05	0.0000e+00
690	0.0000e+00	0.0000e+00	9.8494e-03	2.1220e-05	4.4491e-05	0.0000e+00
691	0.0000e+00	0.0000e+00	8.7863e-03	2.4114e-05	4.6540e-05	0.0000e+00
692	0.0000e+00	0.0000e+00	1.0794e-02	2.4071e-05	4.4889e-05	0.0000e+00
693	0.0000e+00	0.0000e+00	9.7411e-03	2.3148e-05	4.6425e-05	0.0000e+00
694	0.0000e+00	0.0000e+00	4.6717e-03	-3.0984e-06	4.4891e-05	0.0000e+00
695	0.0000e+00	0.0000e+00	4.5202e-03	-4.0653e-06	4.2995e-05	0.0000e+00
696	0.0000e+00	0.0000e+00	4.3794e-03	-2.6657e-06	4.1264e-05	0.0000e+00
697	0.0000e+00	0.0000e+00	4.3331e-03	5.6433e-07	4.0082e-05	0.0000e+00
698	0.0000e+00	0.0000e+00	4.4425e-03	5.0432e-06	3.9581e-05	0.0000e+00
699	0.0000e+00	0.0000e+00	4.7459e-03	1.0194e-05	3.9767e-05	0.0000e+00
700	0.0000e+00	0.0000e+00	5.2579e-03	1.5393e-05	4.0566e-05	0.0000e+00
701	0.0000e+00	0.0000e+00	5.9656e-03	1.9874e-05	4.1827e-05	0.0000e+00
702	0.0000e+00	0.0000e+00	6.8203e-03	2.2576e-05	4.3491e-05	0.0000e+00
703	0.0000e+00	0.0000e+00	7.7174e-03	2.1805e-05	4.4061e-05	0.0000e+00
704	0.0000e+00	0.0000e+00	2.8824e-03	-1.7086e-06	3.7009e-05	0.0000e+00



705	0.0000e+00	0.0000e+00	2.7976e-03	-2.2642e-06	3.5768e-05	0.0000e+00
706	0.0000e+00	0.0000e+00	2.7234e-03	-1.1780e-06	3.4448e-05	0.0000e+00
707	0.0000e+00	0.0000e+00	2.7238e-03	1.4102e-06	3.3507e-05	0.0000e+00
708	0.0000e+00	0.0000e+00	2.8517e-03	5.1340e-06	3.3174e-05	0.0000e+00
709	0.0000e+00	0.0000e+00	3.1436e-03	9.5399e-06	3.3528e-05	0.0000e+00
710	0.0000e+00	0.0000e+00	3.6162e-03	1.4091e-05	3.4545e-05	0.0000e+00
711	0.0000e+00	0.0000e+00	4.2619e-03	1.8100e-05	3.6107e-05	0.0000e+00
712	0.0000e+00	0.0000e+00	5.0414e-03	2.0631e-05	3.8088e-05	0.0000e+00
713	0.0000e+00	0.0000e+00	5.8666e-03	2.0231e-05	3.9326e-05	0.0000e+00
714	0.0000e+00	0.0000e+00	1.4623e-03	-9.0797e-07	2.8189e-05	0.0000e+00
715	0.0000e+00	0.0000e+00	1.4187e-03	-1.0885e-06	2.7475e-05	0.0000e+00
716	0.0000e+00	0.0000e+00	1.3899e-03	-1.4168e-07	2.6670e-05	0.0000e+00
717	0.0000e+00	0.0000e+00	1.4225e-03	1.9553e-06	2.6119e-05	0.0000e+00
718	0.0000e+00	0.0000e+00	1.5590e-03	5.0078e-06	2.6052e-05	0.0000e+00
719	0.0000e+00	0.0000e+00	1.8315e-03	8.6896e-06	2.6588e-05	0.0000e+00
720	0.0000e+00	0.0000e+00	2.2565e-03	1.2565e-05	2.7748e-05	0.0000e+00
721	0.0000e+00	0.0000e+00	2.8307e-03	1.6057e-05	2.9450e-05	0.0000e+00
722	0.0000e+00	0.0000e+00	3.5240e-03	1.8400e-05	3.1538e-05	0.0000e+00
723	0.0000e+00	0.0000e+00	4.2684e-03	1.8501e-05	3.3155e-05	0.0000e+00
724	0.0000e+00	0.0000e+00	4.1755e-04	-4.9291e-07	1.9884e-05	0.0000e+00
725	0.0000e+00	0.0000e+00	3.9625e-04	-4.4491e-07	1.9536e-05	0.0000e+00
726	0.0000e+00	0.0000e+00	3.9253e-04	4.1397e-07	1.9150e-05	0.0000e+00
727	0.0000e+00	0.0000e+00	4.4089e-04	2.1493e-06	1.8947e-05	0.0000e+00
728	0.0000e+00	0.0000e+00	5.7486e-04	4.6595e-06	1.9112e-05	0.0000e+00
729	0.0000e+00	0.0000e+00	8.2115e-04	7.7143e-06	1.9761e-05	0.0000e+00
730	0.0000e+00	0.0000e+00	1.1950e-03	1.0974e-05	2.0936e-05	0.0000e+00
731	0.0000e+00	0.0000e+00	1.6958e-03	1.3983e-05	2.2585e-05	0.0000e+00
732	0.0000e+00	0.0000e+00	2.3022e-03	1.6161e-05	2.4550e-05	0.0000e+00
733	0.0000e+00	0.0000e+00	2.9655e-03	1.6764e-05	2.6258e-05	0.0000e+00
734	0.0000e+00	0.0000e+00	-2.8884e-04	-3.2395e-07	1.2687e-05	0.0000e+00
735	0.0000e+00	0.0000e+00	-3.0077e-04	-1.7724e-07	1.2581e-05	0.0000e+00
736	0.0000e+00	0.0000e+00	-2.9461e-04	6.0194e-07	1.2484e-05	0.0000e+00
737	0.0000e+00	0.0000e+00	-2.4327e-04	2.0751e-06	1.2522e-05	0.0000e+00
738	0.0000e+00	0.0000e+00	-1.1985e-04	4.1784e-06	1.2817e-05	0.0000e+00
739	0.0000e+00	0.0000e+00	9.7788e-05	6.7419e-06	1.3464e-05	0.0000e+00
740	0.0000e+00	0.0000e+00	4.2302e-04	9.5025e-06	1.4506e-05	0.0000e+00
741	0.0000e+00	0.0000e+00	8.5692e-04	1.2112e-05	1.5915e-05	0.0000e+00
742	0.0000e+00	0.0000e+00	1.3852e-03	1.4157e-05	1.7559e-05	0.0000e+00
743	0.0000e+00	0.0000e+00	1.9754e-03	1.5175e-05	1.9116e-05	0.0000e+00
744	0.0000e+00	0.0000e+00	-7.0758e-04	-3.1575e-07	6.6627e-06	0.0000e+00
745	0.0000e+00	0.0000e+00	-7.1872e-04	-1.5962e-07	6.7211e-06	0.0000e+00
746	0.0000e+00	0.0000e+00	-7.1273e-04	5.5240e-07	6.8072e-06	0.0000e+00
747	0.0000e+00	0.0000e+00	-6.6628e-04	1.8547e-06	6.9722e-06	0.0000e+00
748	0.0000e+00	0.0000e+00	-5.5660e-04	3.6882e-06	7.2878e-06	0.0000e+00
749	0.0000e+00	0.0000e+00	-3.6497e-04	5.9145e-06	7.8174e-06	0.0000e+00
750	0.0000e+00	0.0000e+00	-7.9681e-05	8.3223e-06	8.5957e-06	0.0000e+00
751	0.0000e+00	0.0000e+00	3.0118e-04	1.0640e-05	9.6145e-06	0.0000e+00
752	0.0000e+00	0.0000e+00	7.6799e-04	1.2574e-05	1.0792e-05	0.0000e+00
753	0.0000e+00	0.0000e+00	1.2993e-03	1.3861e-05	1.2021e-05	0.0000e+00
754	0.0000e+00	0.0000e+00	-8.8524e-04	-4.2943e-07	1.5795e-06	0.0000e+00
755	0.0000e+00	0.0000e+00	-9.0164e-04	-3.0715e-07	1.7626e-06	0.0000e+00
756	0.0000e+00	0.0000e+00	-9.0188e-04	3.7521e-07	1.9501e-06	0.0000e+00
757	0.0000e+00	0.0000e+00	-8.6372e-04	1.6003e-06	2.1510e-06	0.0000e+00
758	0.0000e+00	0.0000e+00	-7.6664e-04	3.2983e-06	2.4006e-06	0.0000e+00
759	0.0000e+00	0.0000e+00	-5.9398e-04	5.3454e-06	2.7322e-06	0.0000e+00
760	0.0000e+00	0.0000e+00	-3.3523e-04	7.5588e-06	3.1658e-06	0.0000e+00
761	0.0000e+00	0.0000e+00	1.1637e-05	9.7040e-06	3.7055e-06	0.0000e+00
762	0.0000e+00	0.0000e+00	4.3888e-04	1.1539e-05	4.3261e-06	0.0000e+00
763	0.0000e+00	0.0000e+00	9.2994e-04	1.2906e-05	5.1255e-06	0.0000e+00
764	0.0000e+00	0.0000e+00	-8.5544e-04	-6.7250e-07	-2.8985e-06	0.0000e+00
765	0.0000e+00	0.0000e+00	-8.8140e-04	-5.4882e-07	-2.6454e-06	0.0000e+00
766	0.0000e+00	0.0000e+00	-8.9052e-04	1.6087e-07	-2.4401e-06	0.0000e+00
767	0.0000e+00	0.0000e+00	-8.6066e-04	1.3915e-06	-2.2673e-06	0.0000e+00
768	0.0000e+00	0.0000e+00	-7.7218e-04	3.0731e-06	-2.1252e-06	0.0000e+00
769	0.0000e+00	0.0000e+00	-6.0915e-04	5.0886e-06	-2.0146e-06	0.0000e+00
770	0.0000e+00	0.0000e+00	-3.6152e-04	7.2629e-06	-1.9353e-06	0.0000e+00
771	0.0000e+00	0.0000e+00	-2.7416e-05	9.3662e-06	-1.8798e-06	0.0000e+00
772	0.0000e+00	0.0000e+00	3.8478e-04	1.1122e-05	-1.8428e-06	0.0000e+00
773	0.0000e+00	0.0000e+00	8.5603e-04	1.2333e-05	-1.5049e-06	0.0000e+00
774	0.0000e+00	0.0000e+00	-6.3860e-04	-8.6384e-07	-7.0815e-06	0.0000e+00
775	0.0000e+00	0.0000e+00	-6.7216e-04	-7.4362e-07	-6.9921e-06	0.0000e+00
776	0.0000e+00	0.0000e+00	-6.8890e-04	-2.0482e-08	-6.8449e-06	0.0000e+00

777	0.0000e+00	0.0000e+00	-6.6557e-04	1.2558e-06	-6.7098e-06	0.0000e+00
778	0.0000e+00	0.0000e+00	-5.8121e-04	3.0131e-06	-6.6531e-06	0.0000e+00
779	0.0000e+00	0.0000e+00	-4.1889e-04	5.1228e-06	-6.7212e-06	0.0000e+00
780	0.0000e+00	0.0000e+00	-1.6818e-04	7.3911e-06	-6.9322e-06	0.0000e+00
781	0.0000e+00	0.0000e+00	1.7222e-04	9.5594e-06	-7.2640e-06	0.0000e+00
782	0.0000e+00	0.0000e+00	5.9198e-04	1.1309e-05	-7.6537e-06	0.0000e+00
783	0.0000e+00	0.0000e+00	8.2077e-03	-2.4192e-06	5.6878e-05	0.0000e+00
784	0.0000e+00	0.0000e+00	1.0596e-02	-1.2361e-06	5.1539e-05	0.0000e+00
785	0.0000e+00	0.0000e+00	8.0741e-03	-3.6145e-06	5.5405e-05	0.0000e+00
786	0.0000e+00	0.0000e+00	1.0447e-02	-2.8354e-06	5.2507e-05	0.0000e+00
787	0.0000e+00	0.0000e+00	7.9496e-03	-2.0668e-06	5.4591e-05	0.0000e+00
788	0.0000e+00	0.0000e+00	1.0313e-02	-1.6033e-06	5.3013e-05	0.0000e+00
789	0.0000e+00	0.0000e+00	7.9224e-03	8.2875e-07	5.4440e-05	0.0000e+00
790	0.0000e+00	0.0000e+00	1.0288e-02	1.0927e-06	5.3289e-05	0.0000e+00
791	0.0000e+00	0.0000e+00	8.0252e-03	3.8812e-06	5.4988e-05	0.0000e+00
792	0.0000e+00	0.0000e+00	1.0407e-02	3.9523e-06	5.3431e-05	0.0000e+00
793	0.0000e+00	0.0000e+00	8.2390e-03	5.8967e-06	5.6220e-05	0.0000e+00
794	0.0000e+00	0.0000e+00	1.0648e-02	5.6720e-06	5.3354e-05	0.0000e+00
795	0.0000e+00	0.0000e+00	8.4889e-03	5.4743e-06	5.8153e-05	0.0000e+00
796	0.0000e+00	0.0000e+00	1.0934e-02	4.8750e-06	5.2840e-05	0.0000e+00
797	0.0000e+00	0.0000e+00	8.6162e-03	-3.3674e-08	5.9745e-05	0.0000e+00
798	0.0000e+00	0.0000e+00	5.8032e-03	-6.1460e-07	5.2628e-05	0.0000e+00
799	0.0000e+00	0.0000e+00	5.7342e-03	-2.1119e-06	5.1161e-05	0.0000e+00
800	0.0000e+00	0.0000e+00	5.6531e-03	-1.3448e-06	5.0081e-05	0.0000e+00
801	0.0000e+00	0.0000e+00	5.6358e-03	6.4693e-07	4.9804e-05	0.0000e+00
802	0.0000e+00	0.0000e+00	5.7120e-03	2.7815e-06	5.0446e-05	0.0000e+00
803	0.0000e+00	0.0000e+00	5.8645e-03	3.9716e-06	5.1927e-05	0.0000e+00
804	0.0000e+00	0.0000e+00	6.0289e-03	3.1536e-06	5.3876e-05	0.0000e+00
805	0.0000e+00	0.0000e+00	6.1028e-03	-2.6123e-08	5.4899e-05	0.0000e+00
806	0.0000e+00	0.0000e+00	3.6990e-03	2.1629e-07	4.3673e-05	0.0000e+00
807	0.0000e+00	0.0000e+00	3.6771e-03	-9.7089e-07	4.2860e-05	0.0000e+00
808	0.0000e+00	0.0000e+00	3.6362e-03	-7.0533e-07	4.2083e-05	0.0000e+00
809	0.0000e+00	0.0000e+00	3.6295e-03	4.7597e-07	4.1875e-05	0.0000e+00
810	0.0000e+00	0.0000e+00	3.6799e-03	1.7801e-06	4.2410e-05	0.0000e+00
811	0.0000e+00	0.0000e+00	3.7751e-03	2.4037e-06	4.3561e-05	0.0000e+00
812	0.0000e+00	0.0000e+00	3.8714e-03	1.7683e-06	4.4845e-05	0.0000e+00
813	0.0000e+00	0.0000e+00	3.9123e-03	-1.9069e-08	4.5432e-05	0.0000e+00
814	0.0000e+00	0.0000e+00	2.0185e-03	5.1102e-07	3.3472e-05	0.0000e+00
815	0.0000e+00	0.0000e+00	2.0196e-03	-3.1867e-07	3.3134e-05	0.0000e+00
816	0.0000e+00	0.0000e+00	2.0033e-03	-2.9512e-07	3.2727e-05	0.0000e+00
817	0.0000e+00	0.0000e+00	2.0028e-03	3.2666e-07	3.2635e-05	0.0000e+00
818	0.0000e+00	0.0000e+00	2.0336e-03	1.0490e-06	3.3008e-05	0.0000e+00
819	0.0000e+00	0.0000e+00	2.0889e-03	1.3610e-06	3.3741e-05	0.0000e+00
820	0.0000e+00	0.0000e+00	2.1426e-03	9.6332e-07	3.4492e-05	0.0000e+00
821	0.0000e+00	0.0000e+00	2.1648e-03	-1.2997e-08	3.4813e-05	0.0000e+00
822	0.0000e+00	0.0000e+00	7.7469e-04	5.2158e-07	2.3759e-05	0.0000e+00
823	0.0000e+00	0.0000e+00	7.8336e-04	-4.6338e-08	2.3694e-05	0.0000e+00
824	0.0000e+00	0.0000e+00	7.7817e-04	-1.1080e-07	2.3548e-05	0.0000e+00
825	0.0000e+00	0.0000e+00	7.7936e-04	2.0283e-07	2.3542e-05	0.0000e+00
826	0.0000e+00	0.0000e+00	7.9736e-04	5.9684e-07	2.3772e-05	0.0000e+00
827	0.0000e+00	0.0000e+00	8.2860e-04	7.6102e-07	2.4179e-05	0.0000e+00
828	0.0000e+00	0.0000e+00	8.5853e-04	5.3015e-07	2.4573e-05	0.0000e+00
829	0.0000e+00	0.0000e+00	8.7070e-04	-8.0911e-09	2.4734e-05	0.0000e+00
830	0.0000e+00	0.0000e+00	-7.1959e-05	4.0782e-07	1.5282e-05	0.0000e+00
831	0.0000e+00	0.0000e+00	-6.4116e-05	-1.9864e-10	1.5358e-05	0.0000e+00
832	0.0000e+00	0.0000e+00	-6.6887e-05	-7.4388e-08	1.5366e-05	0.0000e+00
833	0.0000e+00	0.0000e+00	-6.6677e-05	1.0872e-07	1.5406e-05	0.0000e+00
834	0.0000e+00	0.0000e+00	-5.6176e-05	3.5659e-07	1.5527e-05	0.0000e+00
835	0.0000e+00	0.0000e+00	-3.7178e-05	4.6617e-07	1.5705e-05	0.0000e+00
836	0.0000e+00	0.0000e+00	-1.8699e-05	3.2813e-07	1.5863e-05	0.0000e+00
837	0.0000e+00	0.0000e+00	-1.1131e-05	-4.2820e-09	1.5923e-05	0.0000e+00
838	0.0000e+00	0.0000e+00	-5.7924e-04	2.4587e-07	8.1631e-06	0.0000e+00
839	0.0000e+00	0.0000e+00	-5.7657e-04	-8.1796e-08	8.3172e-06	0.0000e+00
840	0.0000e+00	0.0000e+00	-5.8190e-04	-1.2211e-07	8.4145e-06	0.0000e+00
841	0.0000e+00	0.0000e+00	-5.8396e-04	4.6273e-08	8.4725e-06	0.0000e+00
842	0.0000e+00	0.0000e+00	-5.7683e-04	2.6881e-07	8.5105e-06	0.0000e+00
843	0.0000e+00	0.0000e+00	-5.6180e-04	3.8271e-07	8.5251e-06	0.0000e+00
844	0.0000e+00	0.0000e+00	-5.4627e-04	2.8366e-07	8.5102e-06	0.0000e+00
845	0.0000e+00	0.0000e+00	-5.3964e-04	-1.3210e-09	8.4944e-06	0.0000e+00
846	0.0000e+00	0.0000e+00	-8.0167e-04	5.3289e-08	2.1577e-06	0.0000e+00
847	0.0000e+00	0.0000e+00	-8.0686e-04	-2.3931e-07	2.3699e-06	0.0000e+00
848	0.0000e+00	0.0000e+00	-8.1747e-04	-2.1109e-07	2.5081e-06	0.0000e+00

849	0.0000e+00	0.0000e+00	-8.2208e-04	1.4825e-08	2.5635e-06	0.0000e+00
850	0.0000e+00	0.0000e+00	-8.1526e-04	2.8901e-07	2.5432e-06	0.0000e+00
851	0.0000e+00	0.0000e+00	-7.9830e-04	4.5550e-07	2.4469e-06	0.0000e+00
852	0.0000e+00	0.0000e+00	-7.7908e-04	3.7174e-07	2.2879e-06	0.0000e+00
853	0.0000e+00	0.0000e+00	-7.7024e-04	1.2304e-09	2.1948e-06	0.0000e+00
854	0.0000e+00	0.0000e+00	-7.7933e-04	-1.9105e-07	-3.1216e-06	0.0000e+00
855	0.0000e+00	0.0000e+00	-7.9364e-04	-4.1964e-07	-2.9168e-06	0.0000e+00
856	0.0000e+00	0.0000e+00	-8.0993e-04	-2.9918e-07	-2.8076e-06	0.0000e+00
857	0.0000e+00	0.0000e+00	-8.1650e-04	1.0923e-08	-2.7763e-06	0.0000e+00
858	0.0000e+00	0.0000e+00	-8.0811e-04	3.6839e-07	-2.8232e-06	0.0000e+00
859	0.0000e+00	0.0000e+00	-7.8594e-04	6.2436e-07	-2.9521e-06	0.0000e+00
860	0.0000e+00	0.0000e+00	-7.5817e-04	6.0129e-07	-3.1819e-06	0.0000e+00
861	0.0000e+00	0.0000e+00	-7.4366e-04	3.9652e-09	-3.3674e-06	0.0000e+00
862	0.0000e+00	0.0000e+00	-5.3574e-04	-2.6746e-07	-8.0982e-06	0.0000e+00
863	0.0000e+00	0.0000e+00	-5.5319e-04	-4.9058e-07	-8.1588e-06	0.0000e+00
864	0.0000e+00	0.0000e+00	-5.7193e-04	-3.3762e-07	-8.1551e-06	0.0000e+00
865	0.0000e+00	0.0000e+00	-5.7906e-04	2.7028e-08	-8.1575e-06	0.0000e+00
866	0.0000e+00	0.0000e+00	-5.6867e-04	4.4477e-07	-8.2009e-06	0.0000e+00
867	0.0000e+00	0.0000e+00	-5.4211e-04	7.4904e-07	-8.2697e-06	0.0000e+00
868	0.0000e+00	0.0000e+00	-5.0842e-04	7.5370e-07	-8.3087e-06	0.0000e+00
869	0.0000e+00	0.0000e+00	8.4859e-03	-5.5429e-06	5.8138e-05	0.0000e+00
870	0.0000e+00	0.0000e+00	1.0930e-02	-4.9586e-06	5.2826e-05	0.0000e+00
871	0.0000e+00	0.0000e+00	8.2330e-03	-5.9668e-06	5.6188e-05	0.0000e+00
872	0.0000e+00	0.0000e+00	1.0641e-02	-5.7570e-06	5.3325e-05	0.0000e+00
873	0.0000e+00	0.0000e+00	8.0161e-03	-3.9510e-06	5.4939e-05	0.0000e+00
874	0.0000e+00	0.0000e+00	1.0396e-02	-4.0361e-06	5.3388e-05	0.0000e+00
875	0.0000e+00	0.0000e+00	7.9103e-03	-8.9517e-07	5.4375e-05	0.0000e+00
876	0.0000e+00	0.0000e+00	1.0273e-02	-1.1714e-06	5.3232e-05	0.0000e+00
877	0.0000e+00	0.0000e+00	7.9348e-03	2.0087e-06	5.4512e-05	0.0000e+00
878	0.0000e+00	0.0000e+00	1.0295e-02	1.5357e-06	5.2944e-05	0.0000e+00
879	0.0000e+00	0.0000e+00	8.0571e-03	3.5719e-06	5.5312e-05	0.0000e+00
880	0.0000e+00	0.0000e+00	1.0426e-02	2.7872e-06	5.2428e-05	0.0000e+00
881	0.0000e+00	0.0000e+00	8.1894e-03	2.4023e-06	5.6774e-05	0.0000e+00
882	0.0000e+00	0.0000e+00	1.0574e-02	1.2191e-06	5.1456e-05	0.0000e+00
883	0.0000e+00	0.0000e+00	6.0266e-03	-3.2064e-06	5.3861e-05	0.0000e+00
884	0.0000e+00	0.0000e+00	5.8598e-03	-4.0253e-06	5.1896e-05	0.0000e+00
885	0.0000e+00	0.0000e+00	5.7051e-03	-2.8348e-06	5.0400e-05	0.0000e+00
886	0.0000e+00	0.0000e+00	5.6265e-03	-6.9735e-07	4.9742e-05	0.0000e+00
887	0.0000e+00	0.0000e+00	5.6418e-03	1.3015e-06	5.0004e-05	0.0000e+00
888	0.0000e+00	0.0000e+00	5.7212e-03	2.0821e-06	5.1071e-05	0.0000e+00
889	0.0000e+00	0.0000e+00	5.7893e-03	6.0629e-07	5.2528e-05	0.0000e+00
890	0.0000e+00	0.0000e+00	3.8698e-03	-1.8067e-06	4.4832e-05	0.0000e+00
891	0.0000e+00	0.0000e+00	3.7718e-03	-2.4426e-06	4.3534e-05	0.0000e+00
892	0.0000e+00	0.0000e+00	3.6748e-03	-1.8187e-06	4.2370e-05	0.0000e+00
893	0.0000e+00	0.0000e+00	3.6227e-03	-5.1201e-07	4.1821e-05	0.0000e+00
894	0.0000e+00	0.0000e+00	3.6280e-03	6.7522e-07	4.2016e-05	0.0000e+00
895	0.0000e+00	0.0000e+00	3.6678e-03	9.5148e-07	4.2782e-05	0.0000e+00
896	0.0000e+00	0.0000e+00	3.6892e-03	-2.1961e-07	4.3588e-05	0.0000e+00
897	0.0000e+00	0.0000e+00	2.1415e-03	-9.8953e-07	3.4481e-05	0.0000e+00
898	0.0000e+00	0.0000e+00	2.0866e-03	-1.3876e-06	3.3719e-05	0.0000e+00
899	0.0000e+00	0.0000e+00	2.0302e-03	-1.0752e-06	3.2975e-05	0.0000e+00
900	0.0000e+00	0.0000e+00	1.9982e-03	-3.5092e-07	3.2591e-05	0.0000e+00
901	0.0000e+00	0.0000e+00	1.9978e-03	2.7546e-07	3.2673e-05	0.0000e+00
902	0.0000e+00	0.0000e+00	2.0133e-03	3.0698e-07	3.3073e-05	0.0000e+00
903	0.0000e+00	0.0000e+00	2.0119e-03	-5.1139e-07	3.3406e-05	0.0000e+00
904	0.0000e+00	0.0000e+00	8.5782e-04	-5.4658e-07	2.4564e-05	0.0000e+00
905	0.0000e+00	0.0000e+00	8.2714e-04	-7.7789e-07	2.4162e-05	0.0000e+00
906	0.0000e+00	0.0000e+00	7.9516e-04	-6.1366e-07	2.3747e-05	0.0000e+00
907	0.0000e+00	0.0000e+00	7.7645e-04	-2.1830e-07	2.3509e-05	0.0000e+00
908	0.0000e+00	0.0000e+00	7.7464e-04	9.8700e-08	2.3508e-05	0.0000e+00
909	0.0000e+00	0.0000e+00	7.7942e-04	3.9937e-08	2.3649e-05	0.0000e+00
910	0.0000e+00	0.0000e+00	7.7063e-04	-5.2022e-07	2.3711e-05	0.0000e+00
911	0.0000e+00	0.0000e+00	-1.9085e-05	-3.3711e-07	1.5856e-05	0.0000e+00
912	0.0000e+00	0.0000e+00	-3.7978e-05	-4.7597e-07	1.5692e-05	0.0000e+00
913	0.0000e+00	0.0000e+00	-5.7422e-05	-3.6680e-07	1.5509e-05	0.0000e+00
914	0.0000e+00	0.0000e+00	-6.8362e-05	-1.1820e-07	1.5383e-05	0.0000e+00
915	0.0000e+00	0.0000e+00	-6.8945e-05	6.7290e-08	1.5339e-05	0.0000e+00
916	0.0000e+00	0.0000e+00	-6.6403e-05	-2.7759e-09	1.5327e-05	0.0000e+00
917	0.0000e+00	0.0000e+00	-7.4262e-05	-4.0538e-07	1.5249e-05	0.0000e+00
918	0.0000e+00	0.0000e+00	-5.4641e-04	-2.8714e-07	8.5051e-06	0.0000e+00
919	0.0000e+00	0.0000e+00	-5.6212e-04	-3.8776e-07	8.5157e-06	0.0000e+00
920	0.0000e+00	0.0000e+00	-5.7740e-04	-2.7492e-07	8.4978e-06	0.0000e+00

921	0.0000e+00	0.0000e+00	-5.8480e-04	-5.2215e-08	8.4571e-06	0.0000e+00
922	0.0000e+00	0.0000e+00	-5.8298e-04	1.1788e-07	8.3969e-06	0.0000e+00
923	0.0000e+00	0.0000e+00	-5.7776e-04	8.0846e-08	8.2979e-06	0.0000e+00
924	0.0000e+00	0.0000e+00	-5.8039e-04	-2.4255e-07	8.1427e-06	0.0000e+00
925	0.0000e+00	0.0000e+00	-7.7901e-04	-3.7123e-07	2.2835e-06	0.0000e+00
926	0.0000e+00	0.0000e+00	-7.9828e-04	-4.5786e-07	2.4401e-06	0.0000e+00
927	0.0000e+00	0.0000e+00	-8.1539e-04	-2.9314e-07	2.5351e-06	0.0000e+00
928	0.0000e+00	0.0000e+00	-8.2240e-04	-1.9221e-08	2.5545e-06	0.0000e+00
929	0.0000e+00	0.0000e+00	-8.1796e-04	2.0797e-07	2.4985e-06	0.0000e+00
930	0.0000e+00	0.0000e+00	-8.0742e-04	2.3920e-07	2.3601e-06	0.0000e+00
931	0.0000e+00	0.0000e+00	-8.0216e-04	-4.9023e-08	2.1475e-06	0.0000e+00
932	0.0000e+00	0.0000e+00	-7.5791e-04	-5.9863e-07	-3.1864e-06	0.0000e+00
933	0.0000e+00	0.0000e+00	-7.8567e-04	-6.2610e-07	-2.9564e-06	0.0000e+00
934	0.0000e+00	0.0000e+00	-8.0797e-04	-3.7206e-07	-2.8275e-06	0.0000e+00
935	0.0000e+00	0.0000e+00	-8.1653e-04	-1.5081e-08	-2.7806e-06	0.0000e+00
936	0.0000e+00	0.0000e+00	-8.1013e-04	2.9588e-07	-2.8116e-06	0.0000e+00
937	0.0000e+00	0.0000e+00	-7.9394e-04	4.1890e-07	-2.9200e-06	0.0000e+00
938	0.0000e+00	0.0000e+00	-7.7955e-04	1.9575e-07	-3.1233e-06	0.0000e+00
939	0.0000e+00	0.0000e+00	-5.0805e-04	-7.5129e-07	-8.3090e-06	0.0000e+00
940	0.0000e+00	0.0000e+00	-5.4174e-04	-7.5089e-07	-8.2703e-06	0.0000e+00
941	0.0000e+00	0.0000e+00	-5.6842e-04	-4.4844e-07	-8.2018e-06	0.0000e+00
942	0.0000e+00	0.0000e+00	-5.7898e-04	-3.1300e-08	-8.1584e-06	0.0000e+00
943	0.0000e+00	0.0000e+00	-5.7203e-04	3.3382e-07	-8.1559e-06	0.0000e+00
944	0.0000e+00	0.0000e+00	-5.5342e-04	4.8865e-07	-8.1592e-06	0.0000e+00
945	0.0000e+00	0.0000e+00	-5.3596e-04	2.7010e-07	-8.0976e-06	0.0000e+00
946	0.0000e+00	0.0000e+00	8.6994e-03	2.0613e-06	5.7860e-05	0.0000e+00
947	0.0000e+00	0.0000e+00	1.1110e-02	3.4923e-06	5.1512e-05	0.0000e+00
948	0.0000e+00	0.0000e+00	8.7411e-03	9.8845e-08	5.7209e-05	0.0000e+00
949	0.0000e+00	0.0000e+00	1.1161e-02	1.0511e-06	5.2795e-05	0.0000e+00
950	0.0000e+00	0.0000e+00	8.7427e-03	-1.4030e-08	5.6967e-05	0.0000e+00
951	0.0000e+00	0.0000e+00	1.1170e-02	3.9702e-07	5.3471e-05	0.0000e+00
952	0.0000e+00	0.0000e+00	8.7514e-03	4.5048e-07	5.7090e-05	0.0000e+00
953	0.0000e+00	0.0000e+00	1.1185e-02	3.4996e-07	5.3607e-05	0.0000e+00
954	0.0000e+00	0.0000e+00	8.7683e-03	3.8836e-07	5.7584e-05	0.0000e+00
955	0.0000e+00	0.0000e+00	1.1205e-02	-2.4427e-07	5.3207e-05	0.0000e+00
956	0.0000e+00	0.0000e+00	8.7482e-03	-1.4747e-06	5.8504e-05	0.0000e+00
957	0.0000e+00	0.0000e+00	1.1188e-02	-2.5672e-06	5.2208e-05	0.0000e+00
958	0.0000e+00	0.0000e+00	6.2419e-03	2.8316e-06	5.4040e-05	0.0000e+00
959	0.0000e+00	0.0000e+00	6.3083e-03	7.8903e-07	5.3573e-05	0.0000e+00
960	0.0000e+00	0.0000e+00	6.3242e-03	1.5714e-07	5.3234e-05	0.0000e+00
961	0.0000e+00	0.0000e+00	6.3280e-03	3.3005e-08	5.3336e-05	0.0000e+00
962	0.0000e+00	0.0000e+00	6.3205e-03	-5.6040e-07	5.3886e-05	0.0000e+00
963	0.0000e+00	0.0000e+00	6.2648e-03	-2.5257e-06	5.4576e-05	0.0000e+00
964	0.0000e+00	0.0000e+00	4.0711e-03	2.7087e-06	4.5269e-05	0.0000e+00
965	0.0000e+00	0.0000e+00	4.1444e-03	1.1077e-06	4.5318e-05	0.0000e+00
966	0.0000e+00	0.0000e+00	4.1697e-03	2.6051e-07	4.5211e-05	0.0000e+00
967	0.0000e+00	0.0000e+00	4.1696e-03	-2.6878e-07	4.5289e-05	0.0000e+00
968	0.0000e+00	0.0000e+00	4.1446e-03	-1.0872e-06	4.5556e-05	0.0000e+00
969	0.0000e+00	0.0000e+00	4.0733e-03	-2.6278e-06	4.5679e-05	0.0000e+00
970	0.0000e+00	0.0000e+00	2.3213e-03	2.2116e-06	3.5017e-05	0.0000e+00
971	0.0000e+00	0.0000e+00	2.3854e-03	1.0574e-06	3.5321e-05	0.0000e+00
972	0.0000e+00	0.0000e+00	2.4105e-03	2.4791e-07	3.5401e-05	0.0000e+00
973	0.0000e+00	0.0000e+00	2.4074e-03	-4.0127e-07	3.5456e-05	0.0000e+00
974	0.0000e+00	0.0000e+00	2.3767e-03	-1.1895e-06	3.5489e-05	0.0000e+00
975	0.0000e+00	0.0000e+00	2.3082e-03	-2.2982e-06	3.5306e-05	0.0000e+00
976	0.0000e+00	0.0000e+00	1.0141e-03	1.6358e-06	2.5094e-05	0.0000e+00
977	0.0000e+00	0.0000e+00	1.0630e-03	8.2595e-07	2.5457e-05	0.0000e+00
978	0.0000e+00	0.0000e+00	1.0824e-03	1.6635e-07	2.5611e-05	0.0000e+00
979	0.0000e+00	0.0000e+00	1.0774e-03	-4.1688e-07	2.5646e-05	0.0000e+00
980	0.0000e+00	0.0000e+00	1.0483e-03	-1.0615e-06	2.5564e-05	0.0000e+00
981	0.0000e+00	0.0000e+00	9.9074e-04	-1.8387e-06	2.5281e-05	0.0000e+00
982	0.0000e+00	0.0000e+00	1.1549e-04	1.1285e-06	1.6320e-05	0.0000e+00
983	0.0000e+00	0.0000e+00	1.4910e-04	5.5561e-07	1.6646e-05	0.0000e+00
984	0.0000e+00	0.0000e+00	1.6137e-04	6.7365e-08	1.6809e-05	0.0000e+00
985	0.0000e+00	0.0000e+00	1.5521e-04	-3.7629e-07	1.6829e-05	0.0000e+00
986	0.0000e+00	0.0000e+00	1.3082e-04	-8.5457e-07	1.6706e-05	0.0000e+00
987	0.0000e+00	0.0000e+00	8.5723e-05	-1.4053e-06	1.6426e-05	0.0000e+00
988	0.0000e+00	0.0000e+00	-4.2984e-04	7.3586e-07	8.8661e-06	0.0000e+00
989	0.0000e+00	0.0000e+00	-4.0914e-04	3.0594e-07	9.1346e-06	0.0000e+00
990	0.0000e+00	0.0000e+00	-4.0371e-04	-2.5896e-08	9.2847e-06	0.0000e+00
991	0.0000e+00	0.0000e+00	-4.1047e-04	-3.1276e-07	9.2932e-06	0.0000e+00
992	0.0000e+00	0.0000e+00	-4.2929e-04	-6.3804e-07	9.1614e-06	0.0000e+00

993	0.0000e+00	0.0000e+00	-4.6296e-04	-1.0535e-06	8.9147e-06	0.0000e+00
994	0.0000e+00	0.0000e+00	-6.7532e-04	4.4316e-07	2.5108e-06	0.0000e+00
995	0.0000e+00	0.0000e+00	-6.6516e-04	8.6002e-08	2.7362e-06	0.0000e+00
996	0.0000e+00	0.0000e+00	-6.6581e-04	-1.0759e-07	2.8647e-06	0.0000e+00
997	0.0000e+00	0.0000e+00	-6.7278e-04	-2.4148e-07	2.8664e-06	0.0000e+00
998	0.0000e+00	0.0000e+00	-6.8598e-04	-4.2991e-07	2.7413e-06	0.0000e+00
999	0.0000e+00	0.0000e+00	-7.0966e-04	-7.7633e-07	2.5200e-06	0.0000e+00
1000	0.0000e+00	0.0000e+00	-6.6038e-04	2.0088e-07	-3.1366e-06	0.0000e+00
1001	0.0000e+00	0.0000e+00	-6.5839e-04	-8.5740e-08	-2.9882e-06	0.0000e+00
1002	0.0000e+00	0.0000e+00	-6.6344e-04	-1.6448e-07	-2.9258e-06	0.0000e+00
1003	0.0000e+00	0.0000e+00	-6.7039e-04	-1.8312e-07	-2.9283e-06	0.0000e+00
1004	0.0000e+00	0.0000e+00	-6.7913e-04	-2.5641e-07	-2.9962e-06	0.0000e+00
1005	0.0000e+00	0.0000e+00	-6.9455e-04	-5.3071e-07	-3.1515e-06	0.0000e+00
1006	0.0000e+00	0.0000e+00	-4.0809e-04	2.1759e-07	-8.4836e-06	0.0000e+00
1007	0.0000e+00	0.0000e+00	-4.0516e-04	-6.8729e-08	-8.6840e-06	0.0000e+00
1008	0.0000e+00	0.0000e+00	-4.0964e-04	-1.5597e-07	-8.7777e-06	0.0000e+00
1009	0.0000e+00	0.0000e+00	-4.1640e-04	-1.8218e-07	-8.7838e-06	0.0000e+00
1010	0.0000e+00	0.0000e+00	-4.2531e-04	-2.6287e-07	-8.7029e-06	0.0000e+00
1011	0.0000e+00	0.0000e+00	-4.4121e-04	-5.3450e-07	-8.5176e-06	0.0000e+00
1012	0.0000e+00	0.0000e+00	8.7487e-03	1.3189e-06	5.8493e-05	0.0000e+00
1013	0.0000e+00	0.0000e+00	1.1188e-02	2.3904e-06	5.2177e-05	0.0000e+00
1014	0.0000e+00	0.0000e+00	8.7618e-03	-5.8285e-07	5.7536e-05	0.0000e+00
1015	0.0000e+00	0.0000e+00	1.1197e-02	2.3982e-08	5.3151e-05	0.0000e+00
1016	0.0000e+00	0.0000e+00	8.7368e-03	-6.6205e-07	5.7002e-05	0.0000e+00
1017	0.0000e+00	0.0000e+00	1.1166e-02	-5.8848e-07	5.3524e-05	0.0000e+00
1018	0.0000e+00	0.0000e+00	8.7197e-03	-1.9231e-07	5.6839e-05	0.0000e+00
1019	0.0000e+00	0.0000e+00	1.1142e-02	-6.2760e-07	5.3361e-05	0.0000e+00
1020	0.0000e+00	0.0000e+00	8.7105e-03	-2.7528e-07	5.7043e-05	0.0000e+00
1021	0.0000e+00	0.0000e+00	1.1124e-02	-1.2448e-06	5.2663e-05	0.0000e+00
1022	0.0000e+00	0.0000e+00	8.6629e-03	-2.1784e-06	5.7661e-05	0.0000e+00
1023	0.0000e+00	0.0000e+00	1.1066e-02	-3.6160e-06	5.1365e-05	0.0000e+00
1024	0.0000e+00	0.0000e+00	6.2657e-03	2.4061e-06	5.4571e-05	0.0000e+00
1025	0.0000e+00	0.0000e+00	6.3159e-03	4.1004e-07	5.3845e-05	0.0000e+00
1026	0.0000e+00	0.0000e+00	6.3171e-03	-1.9744e-07	5.3254e-05	0.0000e+00
1027	0.0000e+00	0.0000e+00	6.3068e-03	-3.1680e-07	5.3110e-05	0.0000e+00
1028	0.0000e+00	0.0000e+00	6.2849e-03	-9.2294e-07	5.3410e-05	0.0000e+00
1029	0.0000e+00	0.0000e+00	6.2141e-03	-2.9167e-06	5.3844e-05	0.0000e+00
1030	0.0000e+00	0.0000e+00	4.0745e-03	2.5394e-06	4.5674e-05	0.0000e+00
1031	0.0000e+00	0.0000e+00	4.1417e-03	9.7646e-07	4.5521e-05	0.0000e+00
1032	0.0000e+00	0.0000e+00	4.1620e-03	1.4773e-07	4.5219e-05	0.0000e+00
1033	0.0000e+00	0.0000e+00	4.1574e-03	-3.7741e-07	4.5104e-05	0.0000e+00
1034	0.0000e+00	0.0000e+00	4.1277e-03	-1.2046e-06	4.5177e-05	0.0000e+00
1035	0.0000e+00	0.0000e+00	4.0512e-03	-2.7701e-06	4.5102e-05	0.0000e+00
1036	0.0000e+00	0.0000e+00	2.3096e-03	2.2357e-06	3.5302e-05	0.0000e+00
1037	0.0000e+00	0.0000e+00	2.3752e-03	1.1116e-06	3.5460e-05	0.0000e+00
1038	0.0000e+00	0.0000e+00	2.4026e-03	3.1624e-07	3.5399e-05	0.0000e+00
1039	0.0000e+00	0.0000e+00	2.4023e-03	-3.2972e-07	3.5315e-05	0.0000e+00
1040	0.0000e+00	0.0000e+00	2.3742e-03	-1.1250e-06	3.5210e-05	0.0000e+00
1041	0.0000e+00	0.0000e+00	2.3078e-03	-2.2549e-06	3.4886e-05	0.0000e+00
1042	0.0000e+00	0.0000e+00	9.9226e-04	1.7964e-06	2.5278e-05	0.0000e+00
1043	0.0000e+00	0.0000e+00	1.0479e-03	1.0088e-06	2.5542e-05	0.0000e+00
1044	0.0000e+00	0.0000e+00	1.0748e-03	3.5931e-07	2.5604e-05	0.0000e+00
1045	0.0000e+00	0.0000e+00	1.0775e-03	-2.2169e-07	2.5548e-05	0.0000e+00
1046	0.0000e+00	0.0000e+00	1.0560e-03	-8.7175e-07	2.5374e-05	0.0000e+00
1047	0.0000e+00	0.0000e+00	1.0056e-03	-1.6657e-06	2.4997e-05	0.0000e+00
1048	0.0000e+00	0.0000e+00	8.7349e-05	1.3781e-06	1.6425e-05	0.0000e+00
1049	0.0000e+00	0.0000e+00	1.3119e-04	8.2005e-07	1.6692e-05	0.0000e+00
1050	0.0000e+00	0.0000e+00	1.5411e-04	3.3836e-07	1.6800e-05	0.0000e+00
1051	0.0000e+00	0.0000e+00	1.5875e-04	-1.0388e-07	1.6766e-05	0.0000e+00
1052	0.0000e+00	0.0000e+00	1.4512e-04	-5.8585e-07	1.6589e-05	0.0000e+00
1053	0.0000e+00	0.0000e+00	1.1049e-04	-1.1486e-06	1.6253e-05	0.0000e+00
1054	0.0000e+00	0.0000e+00	-4.6132e-04	1.0370e-06	8.9154e-06	0.0000e+00
1055	0.0000e+00	0.0000e+00	-4.2844e-04	6.1595e-07	9.1534e-06	0.0000e+00
1056	0.0000e+00	0.0000e+00	-4.1058e-04	2.8794e-07	9.2759e-06	0.0000e+00
1057	0.0000e+00	0.0000e+00	-4.0482e-04	1.9820e-09	9.2579e-06	0.0000e+00
1058	0.0000e+00	0.0000e+00	-4.1113e-04	-3.2546e-07	9.0993e-06	0.0000e+00
1059	0.0000e+00	0.0000e+00	-4.3249e-04	-7.4859e-07	8.8236e-06	0.0000e+00
1060	0.0000e+00	0.0000e+00	-7.0809e-04	7.6721e-07	2.5223e-06	0.0000e+00
1061	0.0000e+00	0.0000e+00	-6.8489e-04	4.1547e-07	2.7385e-06	0.0000e+00
1062	0.0000e+00	0.0000e+00	-6.7234e-04	2.2448e-07	2.8583e-06	0.0000e+00
1063	0.0000e+00	0.0000e+00	-6.6605e-04	9.1256e-08	2.8515e-06	0.0000e+00
1064	0.0000e+00	0.0000e+00	-6.6600e-04	-9.8574e-08	2.7181e-06	0.0000e+00

1065	0.0000e+00	0.0000e+00	-6.7655e-04	-4.5001e-07	2.4880e-06	0.0000e+00
1066	0.0000e+00	0.0000e+00	-6.9311e-04	5.2582e-07	-3.1479e-06	0.0000e+00
1067	0.0000e+00	0.0000e+00	-6.7801e-04	2.4571e-07	-2.9945e-06	0.0000e+00
1068	0.0000e+00	0.0000e+00	-6.6976e-04	1.7009e-07	-2.9291e-06	0.0000e+00
1069	0.0000e+00	0.0000e+00	-6.6333e-04	1.5182e-07	-2.9289e-06	0.0000e+00
1070	0.0000e+00	0.0000e+00	-6.5874e-04	7.6340e-08	-2.9930e-06	0.0000e+00
1071	0.0000e+00	0.0000e+00	-6.6098e-04	-2.0316e-07	-3.1426e-06	0.0000e+00
1072	0.0000e+00	0.0000e+00	-4.4005e-04	5.3180e-07	-8.5080e-06	0.0000e+00
1073	0.0000e+00	0.0000e+00	-4.2439e-04	2.5461e-07	-8.6961e-06	0.0000e+00
1074	0.0000e+00	0.0000e+00	-4.1586e-04	1.7141e-07	-8.7792e-06	0.0000e+00
1075	0.0000e+00	0.0000e+00	-4.0954e-04	1.4486e-07	-8.7748e-06	0.0000e+00
1076	0.0000e+00	0.0000e+00	-4.0548e-04	5.9543e-08	-8.6816e-06	0.0000e+00
1077	0.0000e+00	0.0000e+00	-4.0867e-04	-2.2152e-07	-8.4805e-06	0.0000e+00
1078	0.0000e+00	0.0000e+00	1.5330e-03	-1.2560e-05	-1.3939e-05	0.0000e+00
1079	0.0000e+00	0.0000e+00	1.0422e-03	-1.1832e-05	-1.3333e-05	0.0000e+00
1080	0.0000e+00	0.0000e+00	6.0036e-04	-1.0115e-05	-1.2620e-05	0.0000e+00
1081	0.0000e+00	0.0000e+00	2.4035e-04	-7.8136e-06	-1.2016e-05	0.0000e+00
1082	0.0000e+00	0.0000e+00	-2.3066e-05	-5.3448e-06	-1.1627e-05	0.0000e+00
1083	0.0000e+00	0.0000e+00	-1.8993e-04	-3.0359e-06	-1.1486e-05	0.0000e+00
1084	0.0000e+00	0.0000e+00	-2.7176e-04	-1.1308e-06	-1.1561e-05	0.0000e+00
1085	0.0000e+00	0.0000e+00	-2.8832e-04	2.0361e-07	-1.1766e-05	0.0000e+00
1086	0.0000e+00	0.0000e+00	-2.6463e-04	8.7097e-07	-1.1975e-05	0.0000e+00
1087	0.0000e+00	0.0000e+00	-2.2856e-04	8.2086e-07	-1.2056e-05	0.0000e+00
1088	0.0000e+00	0.0000e+00	-2.0868e-04	9.4844e-08	-1.2046e-05	0.0000e+00
1089	0.0000e+00	0.0000e+00	2.2735e-03	-1.3238e-05	-2.0011e-05	0.0000e+00
1090	0.0000e+00	0.0000e+00	1.7491e-03	-1.2786e-05	-1.9257e-05	0.0000e+00
1091	0.0000e+00	0.0000e+00	1.2703e-03	-1.0996e-05	-1.8245e-05	0.0000e+00
1092	0.0000e+00	0.0000e+00	8.7997e-04	-8.4484e-06	-1.7463e-05	0.0000e+00
1093	0.0000e+00	0.0000e+00	5.9797e-04	-5.6514e-06	-1.7011e-05	0.0000e+00
1094	0.0000e+00	0.0000e+00	4.2573e-04	-3.0204e-06	-1.6925e-05	0.0000e+00
1095	0.0000e+00	0.0000e+00	3.5004e-04	-8.7066e-07	-1.7162e-05	0.0000e+00
1096	0.0000e+00	0.0000e+00	3.4689e-04	5.7176e-07	-1.7611e-05	0.0000e+00
1097	0.0000e+00	0.0000e+00	3.8502e-04	1.1776e-06	-1.8109e-05	0.0000e+00
1098	0.0000e+00	0.0000e+00	4.3052e-04	9.5495e-07	-1.8484e-05	0.0000e+00
1099	0.0000e+00	0.0000e+00	4.5371e-04	1.3012e-07	-1.8653e-05	0.0000e+00
1100	0.0000e+00	0.0000e+00	3.2756e-03	-1.4013e-05	-2.5748e-05	0.0000e+00
1101	0.0000e+00	0.0000e+00	2.7110e-03	-1.3960e-05	-2.5072e-05	0.0000e+00
1102	0.0000e+00	0.0000e+00	2.1875e-03	-1.2040e-05	-2.3966e-05	0.0000e+00
1103	0.0000e+00	0.0000e+00	1.7627e-03	-9.1296e-06	-2.3183e-05	0.0000e+00
1104	0.0000e+00	0.0000e+00	1.4627e-03	-5.8817e-06	-2.2823e-05	0.0000e+00
1105	0.0000e+00	0.0000e+00	1.2906e-03	-2.8056e-06	-2.2933e-05	0.0000e+00
1106	0.0000e+00	0.0000e+00	1.2313e-03	-2.9550e-07	-2.3476e-05	0.0000e+00
1107	0.0000e+00	0.0000e+00	1.2559e-03	1.3441e-06	-2.4341e-05	0.0000e+00
1108	0.0000e+00	0.0000e+00	1.3254e-03	1.9203e-06	-2.5326e-05	0.0000e+00
1109	0.0000e+00	0.0000e+00	1.3963e-03	1.4403e-06	-2.6154e-05	0.0000e+00
1110	0.0000e+00	0.0000e+00	1.4315e-03	2.2906e-07	-2.6561e-05	0.0000e+00
1111	0.0000e+00	0.0000e+00	4.5198e-03	-1.4759e-05	-3.0775e-05	0.0000e+00
1112	0.0000e+00	0.0000e+00	3.9158e-03	-1.5111e-05	-3.0426e-05	0.0000e+00
1113	0.0000e+00	0.0000e+00	3.3494e-03	-1.3011e-05	-2.9454e-05	0.0000e+00
1114	0.0000e+00	0.0000e+00	2.8945e-03	-9.6670e-06	-2.8874e-05	0.0000e+00
1115	0.0000e+00	0.0000e+00	2.5838e-03	-5.8852e-06	-2.8753e-05	0.0000e+00
1116	0.0000e+00	0.0000e+00	2.4227e-03	-2.2622e-06	-2.9159e-05	0.0000e+00
1117	0.0000e+00	0.0000e+00	2.3951e-03	7.3047e-07	-3.0085e-05	0.0000e+00
1118	0.0000e+00	0.0000e+00	2.4677e-03	2.6893e-06	-3.1449e-05	0.0000e+00
1119	0.0000e+00	0.0000e+00	2.5924e-03	3.2867e-06	-3.3048e-05	0.0000e+00
1120	0.0000e+00	0.0000e+00	2.7114e-03	2.4035e-06	-3.4489e-05	0.0000e+00
1121	0.0000e+00	0.0000e+00	2.7705e-03	4.1745e-07	-3.5226e-05	0.0000e+00
1122	0.0000e+00	0.0000e+00	5.9664e-03	-1.5347e-05	-3.4530e-05	0.0000e+00
1123	0.0000e+00	0.0000e+00	5.3317e-03	-1.5984e-05	-3.4758e-05	0.0000e+00
1124	0.0000e+00	0.0000e+00	4.7342e-03	-1.3664e-05	-3.4133e-05	0.0000e+00
1125	0.0000e+00	0.0000e+00	4.2618e-03	-9.8831e-06	-3.3932e-05	0.0000e+00
1126	0.0000e+00	0.0000e+00	3.9531e-03	-5.5655e-06	-3.4141e-05	0.0000e+00
1127	0.0000e+00	0.0000e+00	3.8162e-03	-1.3590e-06	-3.4848e-05	0.0000e+00
1128	0.0000e+00	0.0000e+00	3.8361e-03	2.2035e-06	-3.6092e-05	0.0000e+00
1129	0.0000e+00	0.0000e+00	3.9769e-03	4.6202e-06	-3.7854e-05	0.0000e+00
1130	0.0000e+00	0.0000e+00	4.1830e-03	5.3835e-06	-4.0000e-05	0.0000e+00
1131	0.0000e+00	0.0000e+00	4.3790e-03	4.0331e-06	-4.2183e-05	0.0000e+00
1132	0.0000e+00	0.0000e+00	4.4785e-03	7.1132e-07	-4.3389e-05	0.0000e+00
1133	0.0000e+00	0.0000e+00	7.5470e-03	-1.5711e-05	-3.6257e-05	0.0000e+00
1134	0.0000e+00	0.0000e+00	6.8955e-03	-1.6444e-05	-3.7137e-05	0.0000e+00
1135	0.0000e+00	0.0000e+00	6.2877e-03	-1.3854e-05	-3.7077e-05	0.0000e+00
1136	0.0000e+00	0.0000e+00	5.8167e-03	-9.7015e-06	-3.7364e-05	0.0000e+00

1137	0.0000e+00	0.0000e+00	5.5246e-03	-4.9292e-06	-3.7906e-05	0.0000e+00
1138	0.0000e+00	0.0000e+00	5.4232e-03	-1.7883e-07	-3.8810e-05	0.0000e+00
1139	0.0000e+00	0.0000e+00	5.4999e-03	3.9664e-06	-4.0145e-05	0.0000e+00
1140	0.0000e+00	0.0000e+00	5.7187e-03	6.9297e-06	-4.1922e-05	0.0000e+00
1141	0.0000e+00	0.0000e+00	6.0204e-03	8.0994e-06	-4.4085e-05	0.0000e+00
1142	0.0000e+00	0.0000e+00	6.3182e-03	6.6818e-06	-4.6564e-05	0.0000e+00
1143	0.0000e+00	0.0000e+00	6.4792e-03	1.0803e-06	-4.8314e-05	0.0000e+00
1144	0.0000e+00	0.0000e+00	8.4923e-03	-1.5326e-05	-3.6033e-05	0.0000e+00
1145	0.0000e+00	0.0000e+00	7.9006e-03	-1.2754e-05	-3.6715e-05	0.0000e+00
1146	0.0000e+00	0.0000e+00	7.4519e-03	-8.7567e-06	-3.7445e-05	0.0000e+00
1147	0.0000e+00	0.0000e+00	7.1896e-03	-4.0268e-06	-3.8264e-05	0.0000e+00
1148	0.0000e+00	0.0000e+00	7.1290e-03	7.6555e-07	-3.9224e-05	0.0000e+00
1149	0.0000e+00	0.0000e+00	7.2594e-03	4.9658e-06	-4.0335e-05	0.0000e+00
1150	0.0000e+00	0.0000e+00	7.5443e-03	7.9085e-06	-4.1543e-05	0.0000e+00
1151	0.0000e+00	0.0000e+00	7.9202e-03	8.8825e-06	-4.2708e-05	0.0000e+00
1152	0.0000e+00	0.0000e+00	8.2939e-03	7.0985e-06	-4.3568e-05	0.0000e+00
1153	0.0000e+00	0.0000e+00	-2.2591e-04	-8.3913e-07	-1.2082e-05	0.0000e+00
1154	0.0000e+00	0.0000e+00	-2.7351e-04	-1.2416e-06	-1.2013e-05	0.0000e+00
1155	0.0000e+00	0.0000e+00	-3.2658e-04	-1.0976e-06	-1.1829e-05	0.0000e+00
1156	0.0000e+00	0.0000e+00	-3.6311e-04	-5.1069e-07	-1.1706e-05	0.0000e+00
1157	0.0000e+00	0.0000e+00	-3.6686e-04	3.5907e-07	-1.1779e-05	0.0000e+00
1158	0.0000e+00	0.0000e+00	-3.2983e-04	1.3026e-06	-1.2101e-05	0.0000e+00
1159	0.0000e+00	0.0000e+00	-2.5381e-04	2.0932e-06	-1.2634e-05	0.0000e+00
1160	0.0000e+00	0.0000e+00	-1.5040e-04	2.5157e-06	-1.3257e-05	0.0000e+00
1161	0.0000e+00	0.0000e+00	-4.0323e-05	2.3700e-06	-1.3803e-05	0.0000e+00
1162	0.0000e+00	0.0000e+00	4.8054e-05	1.5572e-06	-1.4298e-05	0.0000e+00
1163	0.0000e+00	0.0000e+00	4.3569e-04	-9.1331e-07	-1.8588e-05	0.0000e+00
1164	0.0000e+00	0.0000e+00	3.8067e-04	-1.4773e-06	-1.8291e-05	0.0000e+00
1165	0.0000e+00	0.0000e+00	3.1628e-04	-1.3347e-06	-1.7913e-05	0.0000e+00
1166	0.0000e+00	0.0000e+00	2.7282e-04	-5.6023e-07	-1.7689e-05	0.0000e+00
1167	0.0000e+00	0.0000e+00	2.7327e-04	6.0922e-07	-1.7801e-05	0.0000e+00
1168	0.0000e+00	0.0000e+00	3.2831e-04	1.8618e-06	-1.8319e-05	0.0000e+00
1169	0.0000e+00	0.0000e+00	4.3430e-04	2.8671e-06	-1.9195e-05	0.0000e+00
1170	0.0000e+00	0.0000e+00	5.7359e-04	3.3308e-06	-2.0269e-05	0.0000e+00
1171	0.0000e+00	0.0000e+00	7.1788e-04	3.0818e-06	-2.1325e-05	0.0000e+00
1172	0.0000e+00	0.0000e+00	8.3644e-04	2.2142e-06	-2.2218e-05	0.0000e+00
1173	0.0000e+00	0.0000e+00	1.4083e-03	-1.2298e-06	-2.6381e-05	0.0000e+00
1174	0.0000e+00	0.0000e+00	1.3336e-03	-2.0093e-06	-2.5731e-05	0.0000e+00
1175	0.0000e+00	0.0000e+00	1.2466e-03	-1.7843e-06	-2.5022e-05	0.0000e+00
1176	0.0000e+00	0.0000e+00	1.1901e-03	-6.7065e-07	-2.4619e-05	0.0000e+00
1177	0.0000e+00	0.0000e+00	1.1961e-03	9.8100e-07	-2.4752e-05	0.0000e+00
1178	0.0000e+00	0.0000e+00	1.2786e-03	2.7287e-06	-2.5506e-05	0.0000e+00
1179	0.0000e+00	0.0000e+00	1.4316e-03	4.1113e-06	-2.6827e-05	0.0000e+00
1180	0.0000e+00	0.0000e+00	1.6298e-03	4.7195e-06	-2.8510e-05	0.0000e+00
1181	0.0000e+00	0.0000e+00	1.8332e-03	4.3345e-06	-3.0217e-05	0.0000e+00
1182	0.0000e+00	0.0000e+00	1.9999e-03	3.1283e-06	-3.1551e-05	0.0000e+00
1183	0.0000e+00	0.0000e+00	2.7362e-03	-1.8715e-06	-3.4869e-05	0.0000e+00
1184	0.0000e+00	0.0000e+00	2.6247e-03	-2.9629e-06	-3.3744e-05	0.0000e+00
1185	0.0000e+00	0.0000e+00	2.4991e-03	-2.5292e-06	-3.2634e-05	0.0000e+00
1186	0.0000e+00	0.0000e+00	2.4212e-03	-8.7224e-07	-3.2033e-05	0.0000e+00
1187	0.0000e+00	0.0000e+00	2.4336e-03	1.4822e-06	-3.2188e-05	0.0000e+00
1188	0.0000e+00	0.0000e+00	2.5540e-03	3.9482e-06	-3.3183e-05	0.0000e+00
1189	0.0000e+00	0.0000e+00	2.7742e-03	5.9210e-06	-3.4968e-05	0.0000e+00
1190	0.0000e+00	0.0000e+00	3.0593e-03	6.8148e-06	-3.7327e-05	0.0000e+00
1191	0.0000e+00	0.0000e+00	3.3519e-03	6.2194e-06	-3.9799e-05	0.0000e+00
1192	0.0000e+00	0.0000e+00	3.5867e-03	4.2931e-06	-4.1627e-05	0.0000e+00
1193	0.0000e+00	0.0000e+00	4.4235e-03	-2.9824e-06	-4.2718e-05	0.0000e+00
1194	0.0000e+00	0.0000e+00	4.2532e-03	-4.3710e-06	-4.1041e-05	0.0000e+00
1195	0.0000e+00	0.0000e+00	4.0735e-03	-3.5251e-06	-3.9652e-05	0.0000e+00
1196	0.0000e+00	0.0000e+00	3.9677e-03	-1.1262e-06	-3.8970e-05	0.0000e+00
1197	0.0000e+00	0.0000e+00	3.9881e-03	2.1091e-06	-3.9183e-05	0.0000e+00
1198	0.0000e+00	0.0000e+00	4.1558e-03	5.4719e-06	-4.0356e-05	0.0000e+00
1199	0.0000e+00	0.0000e+00	4.4606e-03	8.2350e-06	-4.2454e-05	0.0000e+00
1200	0.0000e+00	0.0000e+00	4.8593e-03	9.6229e-06	-4.5323e-05	0.0000e+00
1201	0.0000e+00	0.0000e+00	5.2745e-03	8.8443e-06	-4.8579e-05	0.0000e+00
1202	0.0000e+00	0.0000e+00	5.5995e-03	5.6524e-06	-5.0964e-05	0.0000e+00
1203	0.0000e+00	0.0000e+00	6.3890e-03	-4.8673e-06	-4.7249e-05	0.0000e+00
1204	0.0000e+00	0.0000e+00	6.1462e-03	-6.1042e-06	-4.5591e-05	0.0000e+00
1205	0.0000e+00	0.0000e+00	5.9102e-03	-4.6035e-06	-4.4461e-05	0.0000e+00
1206	0.0000e+00	0.0000e+00	5.7790e-03	-1.3516e-06	-4.4005e-05	0.0000e+00
1207	0.0000e+00	0.0000e+00	5.8113e-03	2.8311e-06	-4.4351e-05	0.0000e+00
1208	0.0000e+00	0.0000e+00	6.0310e-03	7.1556e-06	-4.5548e-05	0.0000e+00

1209	0.0000e+00	0.0000e+00	6.4264e-03	1.0814e-05	-4.7569e-05	0.0000e+00
1210	0.0000e+00	0.0000e+00	6.9490e-03	1.2932e-05	-5.0307e-05	0.0000e+00
1211	0.0000e+00	0.0000e+00	7.5080e-03	1.2422e-05	-5.3645e-05	0.0000e+00
1212	0.0000e+00	0.0000e+00	7.9450e-03	7.1374e-06	-5.6512e-05	0.0000e+00
1213	0.0000e+00	0.0000e+00	8.4037e-03	-4.0876e-06	-4.4700e-05	0.0000e+00
1214	0.0000e+00	0.0000e+00	8.1269e-03	-5.6797e-06	-4.4924e-05	0.0000e+00
1215	0.0000e+00	0.0000e+00	7.8656e-03	-4.2432e-06	-4.4961e-05	0.0000e+00
1216	0.0000e+00	0.0000e+00	7.7282e-03	-8.1781e-07	-4.5167e-05	0.0000e+00
1217	0.0000e+00	0.0000e+00	7.7803e-03	3.6529e-06	-4.5730e-05	0.0000e+00
1218	0.0000e+00	0.0000e+00	8.0478e-03	8.2645e-06	-4.6713e-05	0.0000e+00
1219	0.0000e+00	0.0000e+00	8.5175e-03	1.2093e-05	-4.8059e-05	0.0000e+00
1220	0.0000e+00	0.0000e+00	9.1346e-03	1.4136e-05	-4.9577e-05	0.0000e+00
1221	0.0000e+00	0.0000e+00	9.7984e-03	1.3250e-05	-5.0905e-05	0.0000e+00
1222	0.0000e+00	0.0000e+00	5.8852e-06	-1.8220e-06	-1.4389e-05	0.0000e+00
1223	0.0000e+00	0.0000e+00	-9.3288e-05	-2.5967e-06	-1.3947e-05	0.0000e+00
1224	0.0000e+00	0.0000e+00	-2.1169e-04	-2.6654e-06	-1.3480e-05	0.0000e+00
1225	0.0000e+00	0.0000e+00	-3.1905e-04	-2.1230e-06	-1.2956e-05	0.0000e+00
1226	0.0000e+00	0.0000e+00	-3.9284e-04	-1.1723e-06	-1.2546e-05	0.0000e+00
1227	0.0000e+00	0.0000e+00	-4.1975e-04	-3.2805e-08	-1.2372e-05	0.0000e+00
1228	0.0000e+00	0.0000e+00	-3.9665e-04	1.0576e-06	-1.2472e-05	0.0000e+00
1229	0.0000e+00	0.0000e+00	-3.3086e-04	1.8695e-06	-1.2791e-05	0.0000e+00
1230	0.0000e+00	0.0000e+00	-2.3914e-04	2.2093e-06	-1.3189e-05	0.0000e+00
1231	0.0000e+00	0.0000e+00	-1.4586e-04	1.9223e-06	-1.3483e-05	0.0000e+00
1232	0.0000e+00	0.0000e+00	-8.0704e-05	9.6586e-07	-1.3694e-05	0.0000e+00
1233	0.0000e+00	0.0000e+00	7.9963e-04	-2.4248e-06	-2.2375e-05	0.0000e+00
1234	0.0000e+00	0.0000e+00	6.7327e-04	-3.2256e-06	-2.1567e-05	0.0000e+00
1235	0.0000e+00	0.0000e+00	5.2490e-04	-3.3707e-06	-2.0628e-05	0.0000e+00
1236	0.0000e+00	0.0000e+00	3.8710e-04	-2.7590e-06	-1.9707e-05	0.0000e+00
1237	0.0000e+00	0.0000e+00	2.9011e-04	-1.5623e-06	-1.9020e-05	0.0000e+00
1238	0.0000e+00	0.0000e+00	2.5337e-04	-8.0994e-08	-1.8732e-05	0.0000e+00
1239	0.0000e+00	0.0000e+00	2.8188e-04	1.3405e-06	-1.8892e-05	0.0000e+00
1240	0.0000e+00	0.0000e+00	3.6551e-04	2.3667e-06	-1.9424e-05	0.0000e+00
1241	0.0000e+00	0.0000e+00	4.8048e-04	2.7249e-06	-2.0142e-05	0.0000e+00
1242	0.0000e+00	0.0000e+00	5.9394e-04	2.2949e-06	-2.0803e-05	0.0000e+00
1243	0.0000e+00	0.0000e+00	6.7353e-04	1.2537e-06	-2.1254e-05	0.0000e+00
1244	0.0000e+00	0.0000e+00	1.9718e-03	-3.2514e-06	-3.1798e-05	0.0000e+00
1245	0.0000e+00	0.0000e+00	1.8019e-03	-4.3588e-06	-3.0587e-05	0.0000e+00
1246	0.0000e+00	0.0000e+00	1.6005e-03	-4.6019e-06	-2.9044e-05	0.0000e+00
1247	0.0000e+00	0.0000e+00	1.4117e-03	-3.8031e-06	-2.7571e-05	0.0000e+00
1248	0.0000e+00	0.0000e+00	1.2774e-03	-2.1823e-06	-2.6514e-05	0.0000e+00
1249	0.0000e+00	0.0000e+00	1.2252e-03	-1.5692e-07	-2.6081e-05	0.0000e+00
1250	0.0000e+00	0.0000e+00	1.2623e-03	1.7950e-06	-2.6327e-05	0.0000e+00
1251	0.0000e+00	0.0000e+00	1.3750e-03	3.2031e-06	-2.7166e-05	0.0000e+00
1252	0.0000e+00	0.0000e+00	1.5305e-03	3.6766e-06	-2.8357e-05	0.0000e+00
1253	0.0000e+00	0.0000e+00	1.6825e-03	3.0529e-06	-2.9519e-05	0.0000e+00
1254	0.0000e+00	0.0000e+00	1.7871e-03	1.6116e-06	-3.0233e-05	0.0000e+00
1255	0.0000e+00	0.0000e+00	3.5718e-03	-4.2900e-06	-4.1985e-05	0.0000e+00
1256	0.0000e+00	0.0000e+00	3.3401e-03	-6.0798e-06	-4.0325e-05	0.0000e+00
1257	0.0000e+00	0.0000e+00	3.0578e-03	-6.4853e-06	-3.8069e-05	0.0000e+00
1258	0.0000e+00	0.0000e+00	2.7925e-03	-5.3451e-06	-3.5983e-05	0.0000e+00
1259	0.0000e+00	0.0000e+00	2.6043e-03	-3.0723e-06	-3.4539e-05	0.0000e+00
1260	0.0000e+00	0.0000e+00	2.5300e-03	-2.6286e-07	-3.3956e-05	0.0000e+00
1261	0.0000e+00	0.0000e+00	2.5796e-03	2.4582e-06	-3.4288e-05	0.0000e+00
1262	0.0000e+00	0.0000e+00	2.7354e-03	4.4709e-06	-3.5451e-05	0.0000e+00
1263	0.0000e+00	0.0000e+00	2.9534e-03	5.1996e-06	-3.7188e-05	0.0000e+00
1264	0.0000e+00	0.0000e+00	3.1679e-03	4.2852e-06	-3.8978e-05	0.0000e+00
1265	0.0000e+00	0.0000e+00	3.3095e-03	2.0148e-06	-4.0010e-05	0.0000e+00
1266	0.0000e+00	0.0000e+00	5.6029e-03	-5.4798e-06	-5.1449e-05	0.0000e+00
1267	0.0000e+00	0.0000e+00	5.2894e-03	-8.4921e-06	-4.9279e-05	0.0000e+00
1268	0.0000e+00	0.0000e+00	4.8950e-03	-9.0240e-06	-4.6292e-05	0.0000e+00
1269	0.0000e+00	0.0000e+00	4.5294e-03	-7.3232e-06	-4.3759e-05	0.0000e+00
1270	0.0000e+00	0.0000e+00	4.2729e-03	-4.1867e-06	-4.2071e-05	0.0000e+00
1271	0.0000e+00	0.0000e+00	4.1711e-03	-4.0200e-07	-4.1389e-05	0.0000e+00
1272	0.0000e+00	0.0000e+00	4.2358e-03	3.2804e-06	-4.1751e-05	0.0000e+00
1273	0.0000e+00	0.0000e+00	4.4461e-03	6.1130e-06	-4.3094e-05	0.0000e+00
1274	0.0000e+00	0.0000e+00	4.7481e-03	7.3187e-06	-4.5226e-05	0.0000e+00
1275	0.0000e+00	0.0000e+00	5.0533e-03	6.1286e-06	-4.7709e-05	0.0000e+00
1276	0.0000e+00	0.0000e+00	5.2471e-03	2.4200e-06	-4.9164e-05	0.0000e+00
1277	0.0000e+00	0.0000e+00	7.9725e-03	-6.7542e-06	-5.7128e-05	0.0000e+00
1278	0.0000e+00	0.0000e+00	7.5572e-03	-1.1814e-05	-5.4520e-05	0.0000e+00
1279	0.0000e+00	0.0000e+00	7.0318e-03	-1.2013e-05	-5.1500e-05	0.0000e+00
1280	0.0000e+00	0.0000e+00	6.5580e-03	-9.5112e-06	-4.9147e-05	0.0000e+00



1281	0.0000e+00	0.0000e+00	6.2299e-03	-5.4006e-06	-4.7584e-05	0.0000e+00
1282	0.0000e+00	0.0000e+00	6.0986e-03	-5.7086e-07	-4.6924e-05	0.0000e+00
1283	0.0000e+00	0.0000e+00	6.1773e-03	4.1453e-06	-4.7194e-05	0.0000e+00
1284	0.0000e+00	0.0000e+00	6.4428e-03	7.9167e-06	-4.8344e-05	0.0000e+00
1285	0.0000e+00	0.0000e+00	6.8343e-03	9.8599e-06	-5.0244e-05	0.0000e+00
1286	0.0000e+00	0.0000e+00	7.2482e-03	8.8904e-06	-5.2748e-05	0.0000e+00
1287	0.0000e+00	0.0000e+00	7.5128e-03	2.7775e-06	-5.4716e-05	0.0000e+00
1288	0.0000e+00	0.0000e+00	9.8891e-03	-1.2303e-05	-5.1933e-05	0.0000e+00
1289	0.0000e+00	0.0000e+00	9.2736e-03	-1.2824e-05	-5.0960e-05	0.0000e+00
1290	0.0000e+00	0.0000e+00	8.7226e-03	-1.0339e-05	-4.9846e-05	0.0000e+00
1291	0.0000e+00	0.0000e+00	8.3403e-03	-5.9985e-06	-4.8963e-05	0.0000e+00
1292	0.0000e+00	0.0000e+00	8.1842e-03	-8.2511e-07	-4.8499e-05	0.0000e+00
1293	0.0000e+00	0.0000e+00	8.2693e-03	4.2261e-06	-4.8509e-05	0.0000e+00
1294	0.0000e+00	0.0000e+00	8.5697e-03	8.2016e-06	-4.8922e-05	0.0000e+00
1295	0.0000e+00	0.0000e+00	9.0176e-03	1.0087e-05	-4.9529e-05	0.0000e+00
1296	0.0000e+00	0.0000e+00	9.4982e-03	8.7433e-06	-4.9942e-05	0.0000e+00
1297	0.0000e+00	0.0000e+00	-8.0639e-05	-9.5651e-07	-1.3692e-05	0.0000e+00
1298	0.0000e+00	0.0000e+00	-1.4542e-04	-1.9163e-06	-1.3477e-05	0.0000e+00
1299	0.0000e+00	0.0000e+00	-2.3853e-04	-2.2071e-06	-1.3183e-05	0.0000e+00
1300	0.0000e+00	0.0000e+00	-3.3020e-04	-1.8691e-06	-1.2786e-05	0.0000e+00
1301	0.0000e+00	0.0000e+00	-3.9599e-04	-1.0582e-06	-1.2467e-05	0.0000e+00
1302	0.0000e+00	0.0000e+00	-4.1913e-04	3.1633e-08	-1.2367e-05	0.0000e+00
1303	0.0000e+00	0.0000e+00	-3.9228e-04	1.1706e-06	-1.2540e-05	0.0000e+00
1304	0.0000e+00	0.0000e+00	-3.1857e-04	2.1211e-06	-1.2951e-05	0.0000e+00
1305	0.0000e+00	0.0000e+00	-2.1128e-04	2.6638e-06	-1.3475e-05	0.0000e+00
1306	0.0000e+00	0.0000e+00	-9.2908e-05	2.5973e-06	-1.3943e-05	0.0000e+00
1307	0.0000e+00	0.0000e+00	6.4278e-06	1.8276e-06	-1.4382e-05	0.0000e+00
1308	0.0000e+00	0.0000e+00	6.7345e-04	-1.2481e-06	-2.1250e-05	0.0000e+00
1309	0.0000e+00	0.0000e+00	5.9411e-04	-2.2898e-06	-2.0796e-05	0.0000e+00
1310	0.0000e+00	0.0000e+00	4.8082e-04	-2.7221e-06	-2.0135e-05	0.0000e+00
1311	0.0000e+00	0.0000e+00	3.6593e-04	-2.3657e-06	-1.9418e-05	0.0000e+00
1312	0.0000e+00	0.0000e+00	2.8232e-04	-1.3407e-06	-1.8886e-05	0.0000e+00
1313	0.0000e+00	0.0000e+00	2.5379e-04	8.0060e-08	-1.8727e-05	0.0000e+00
1314	0.0000e+00	0.0000e+00	2.9048e-04	1.5609e-06	-1.9016e-05	0.0000e+00
1315	0.0000e+00	0.0000e+00	3.8740e-04	2.7576e-06	-1.9703e-05	0.0000e+00
1316	0.0000e+00	0.0000e+00	5.2515e-04	3.3699e-06	-2.0625e-05	0.0000e+00
1317	0.0000e+00	0.0000e+00	6.7350e-04	3.2262e-06	-2.1564e-05	0.0000e+00
1318	0.0000e+00	0.0000e+00	7.9992e-04	2.4264e-06	-2.2371e-05	0.0000e+00
1319	0.0000e+00	0.0000e+00	1.7868e-03	-1.6079e-06	-3.0227e-05	0.0000e+00
1320	0.0000e+00	0.0000e+00	1.6824e-03	-3.0488e-06	-2.9512e-05	0.0000e+00
1321	0.0000e+00	0.0000e+00	1.5305e-03	-3.6735e-06	-2.8350e-05	0.0000e+00
1322	0.0000e+00	0.0000e+00	1.3752e-03	-3.2013e-06	-2.7159e-05	0.0000e+00
1323	0.0000e+00	0.0000e+00	1.2625e-03	-1.7944e-06	-2.6321e-05	0.0000e+00
1324	0.0000e+00	0.0000e+00	1.2254e-03	1.5680e-07	-2.6076e-05	0.0000e+00
1325	0.0000e+00	0.0000e+00	1.2776e-03	2.1818e-06	-2.6511e-05	0.0000e+00
1326	0.0000e+00	0.0000e+00	1.4118e-03	3.8024e-06	-2.7568e-05	0.0000e+00
1327	0.0000e+00	0.0000e+00	1.6007e-03	4.6015e-06	-2.9042e-05	0.0000e+00
1328	0.0000e+00	0.0000e+00	1.8020e-03	4.3586e-06	-3.0585e-05	0.0000e+00
1329	0.0000e+00	0.0000e+00	1.9719e-03	3.2505e-06	-3.1794e-05	0.0000e+00
1330	0.0000e+00	0.0000e+00	3.3089e-03	-2.0118e-06	-4.0002e-05	0.0000e+00
1331	0.0000e+00	0.0000e+00	3.1675e-03	-4.2814e-06	-3.8970e-05	0.0000e+00
1332	0.0000e+00	0.0000e+00	2.9531e-03	-5.1962e-06	-3.7180e-05	0.0000e+00
1333	0.0000e+00	0.0000e+00	2.7352e-03	-4.4684e-06	-3.5444e-05	0.0000e+00
1334	0.0000e+00	0.0000e+00	2.5795e-03	-2.4566e-06	-3.4282e-05	0.0000e+00
1335	0.0000e+00	0.0000e+00	2.5300e-03	2.6372e-07	-3.3951e-05	0.0000e+00
1336	0.0000e+00	0.0000e+00	2.6043e-03	3.0727e-06	-3.4535e-05	0.0000e+00
1337	0.0000e+00	0.0000e+00	2.7925e-03	5.3452e-06	-3.5980e-05	0.0000e+00
1338	0.0000e+00	0.0000e+00	3.0578e-03	6.4852e-06	-3.8066e-05	0.0000e+00
1339	0.0000e+00	0.0000e+00	3.3401e-03	6.0791e-06	-4.0322e-05	0.0000e+00
1340	0.0000e+00	0.0000e+00	3.5717e-03	4.2876e-06	-4.1982e-05	0.0000e+00
1341	0.0000e+00	0.0000e+00	5.2461e-03	-2.4170e-06	-4.9154e-05	0.0000e+00
1342	0.0000e+00	0.0000e+00	5.0525e-03	-6.1244e-06	-4.7700e-05	0.0000e+00
1343	0.0000e+00	0.0000e+00	4.7474e-03	-7.3146e-06	-4.5217e-05	0.0000e+00
1344	0.0000e+00	0.0000e+00	4.4457e-03	-6.1096e-06	-4.3087e-05	0.0000e+00
1345	0.0000e+00	0.0000e+00	4.2354e-03	-3.2779e-06	-4.1744e-05	0.0000e+00
1346	0.0000e+00	0.0000e+00	4.1708e-03	4.0377e-07	-4.1383e-05	0.0000e+00
1347	0.0000e+00	0.0000e+00	4.2727e-03	4.1879e-06	-4.2065e-05	0.0000e+00
1348	0.0000e+00	0.0000e+00	4.5293e-03	7.3240e-06	-4.3754e-05	0.0000e+00
1349	0.0000e+00	0.0000e+00	4.8949e-03	9.0243e-06	-4.6288e-05	0.0000e+00
1350	0.0000e+00	0.0000e+00	5.2892e-03	8.4913e-06	-4.9275e-05	0.0000e+00
1351	0.0000e+00	0.0000e+00	5.6027e-03	5.4764e-06	-5.1445e-05	0.0000e+00
1352	0.0000e+00	0.0000e+00	7.5113e-03	-2.7738e-06	-5.4705e-05	0.0000e+00

1353	0.0000e+00	0.0000e+00	7.2470e-03	-8.8853e-06	-5.2738e-05	0.0000e+00
1354	0.0000e+00	0.0000e+00	6.8332e-03	-9.8550e-06	-5.0235e-05	0.0000e+00
1355	0.0000e+00	0.0000e+00	6.4420e-03	-7.9125e-06	-4.8336e-05	0.0000e+00
1356	0.0000e+00	0.0000e+00	6.1766e-03	-4.1419e-06	-4.7186e-05	0.0000e+00
1357	0.0000e+00	0.0000e+00	6.0980e-03	5.7331e-07	-4.6916e-05	0.0000e+00
1358	0.0000e+00	0.0000e+00	6.2295e-03	5.4023e-06	-4.7578e-05	0.0000e+00
1359	0.0000e+00	0.0000e+00	6.5577e-03	9.5122e-06	-4.9140e-05	0.0000e+00
1360	0.0000e+00	0.0000e+00	7.0314e-03	1.2013e-05	-5.1493e-05	0.0000e+00
1361	0.0000e+00	0.0000e+00	7.5568e-03	1.1813e-05	-5.4513e-05	0.0000e+00
1362	0.0000e+00	0.0000e+00	7.9720e-03	6.7505e-06	-5.7121e-05	0.0000e+00
1363	0.0000e+00	0.0000e+00	9.4965e-03	-8.7374e-06	-4.9932e-05	0.0000e+00
1364	0.0000e+00	0.0000e+00	9.0161e-03	-1.0081e-05	-4.9519e-05	0.0000e+00
1365	0.0000e+00	0.0000e+00	8.5685e-03	-8.1969e-06	-4.8913e-05	0.0000e+00
1366	0.0000e+00	0.0000e+00	8.2682e-03	-4.2223e-06	-4.8501e-05	0.0000e+00
1367	0.0000e+00	0.0000e+00	8.1833e-03	8.2790e-07	-4.8491e-05	0.0000e+00
1368	0.0000e+00	0.0000e+00	8.3395e-03	6.0002e-06	-4.8954e-05	0.0000e+00
1369	0.0000e+00	0.0000e+00	8.7219e-03	1.0339e-05	-4.9838e-05	0.0000e+00
1370	0.0000e+00	0.0000e+00	9.2729e-03	1.2823e-05	-5.0950e-05	0.0000e+00
1371	0.0000e+00	0.0000e+00	9.8883e-03	1.2302e-05	-5.1922e-05	0.0000e+00
1372	0.0000e+00	0.0000e+00	4.7423e-05	-1.5516e-06	-1.4296e-05	0.0000e+00
1373	0.0000e+00	0.0000e+00	-4.0673e-05	-2.3647e-06	-1.3797e-05	0.0000e+00
1374	0.0000e+00	0.0000e+00	-1.5059e-04	-2.5132e-06	-1.3255e-05	0.0000e+00
1375	0.0000e+00	0.0000e+00	-2.5390e-04	-2.0911e-06	-1.2635e-05	0.0000e+00
1376	0.0000e+00	0.0000e+00	-3.2982e-04	-1.3000e-06	-1.2106e-05	0.0000e+00
1377	0.0000e+00	0.0000e+00	-3.6670e-04	-3.5558e-07	-1.1787e-05	0.0000e+00
1378	0.0000e+00	0.0000e+00	-3.6278e-04	5.1494e-07	-1.1717e-05	0.0000e+00
1379	0.0000e+00	0.0000e+00	-3.2604e-04	1.1023e-06	-1.1842e-05	0.0000e+00
1380	0.0000e+00	0.0000e+00	-2.7275e-04	1.2466e-06	-1.2030e-05	0.0000e+00
1381	0.0000e+00	0.0000e+00	-2.2491e-04	8.4500e-07	-1.2102e-05	0.0000e+00
1382	0.0000e+00	0.0000e+00	-2.0730e-04	-8.4544e-08	-1.2065e-05	0.0000e+00
1383	0.0000e+00	0.0000e+00	8.3567e-04	-2.2107e-06	-2.2215e-05	0.0000e+00
1384	0.0000e+00	0.0000e+00	7.1734e-04	-3.0758e-06	-2.1321e-05	0.0000e+00
1385	0.0000e+00	0.0000e+00	5.7331e-04	-3.3248e-06	-2.0267e-05	0.0000e+00
1386	0.0000e+00	0.0000e+00	4.3429e-04	-2.8609e-06	-1.9198e-05	0.0000e+00
1387	0.0000e+00	0.0000e+00	3.2859e-04	-1.8549e-06	-1.8327e-05	0.0000e+00
1388	0.0000e+00	0.0000e+00	2.7388e-04	-6.0126e-07	-1.7814e-05	0.0000e+00
1389	0.0000e+00	0.0000e+00	2.7381e-04	5.6908e-07	-1.7709e-05	0.0000e+00
1390	0.0000e+00	0.0000e+00	3.1768e-04	1.3440e-06	-1.7939e-05	0.0000e+00
1391	0.0000e+00	0.0000e+00	3.8248e-04	1.4866e-06	-1.8322e-05	0.0000e+00
1392	0.0000e+00	0.0000e+00	4.3791e-04	9.2255e-07	-1.8625e-05	0.0000e+00
1393	0.0000e+00	0.0000e+00	4.5634e-04	-1.2100e-07	-1.8692e-05	0.0000e+00
1394	0.0000e+00	0.0000e+00	1.9989e-03	-3.1246e-06	-3.1546e-05	0.0000e+00
1395	0.0000e+00	0.0000e+00	1.8325e-03	-4.3271e-06	-3.0213e-05	0.0000e+00
1396	0.0000e+00	0.0000e+00	1.6295e-03	-4.7098e-06	-2.8510e-05	0.0000e+00
1397	0.0000e+00	0.0000e+00	1.4318e-03	-4.0997e-06	-2.6831e-05	0.0000e+00
1398	0.0000e+00	0.0000e+00	1.2792e-03	-2.7153e-06	-2.5518e-05	0.0000e+00
1399	0.0000e+00	0.0000e+00	1.1974e-03	-9.6587e-07	-2.4771e-05	0.0000e+00
1400	0.0000e+00	0.0000e+00	1.1921e-03	6.8717e-07	-2.4647e-05	0.0000e+00
1401	0.0000e+00	0.0000e+00	1.2494e-03	1.8013e-06	-2.5060e-05	0.0000e+00
1402	0.0000e+00	0.0000e+00	1.3371e-03	2.0257e-06	-2.5778e-05	0.0000e+00
1403	0.0000e+00	0.0000e+00	1.4125e-03	1.2440e-06	-2.6435e-05	0.0000e+00
1404	0.0000e+00	0.0000e+00	1.4362e-03	-2.1832e-07	-2.6620e-05	0.0000e+00
1405	0.0000e+00	0.0000e+00	3.5855e-03	-4.2876e-06	-4.1620e-05	0.0000e+00
1406	0.0000e+00	0.0000e+00	3.3511e-03	-6.2087e-06	-3.9795e-05	0.0000e+00
1407	0.0000e+00	0.0000e+00	3.0590e-03	-6.7999e-06	-3.7328e-05	0.0000e+00
1408	0.0000e+00	0.0000e+00	2.7746e-03	-5.9026e-06	-3.4975e-05	0.0000e+00
1409	0.0000e+00	0.0000e+00	2.5553e-03	-3.9265e-06	-3.3200e-05	0.0000e+00
1410	0.0000e+00	0.0000e+00	2.4359e-03	-1.4576e-06	-3.2214e-05	0.0000e+00
1411	0.0000e+00	0.0000e+00	2.4247e-03	8.9908e-07	-3.2070e-05	0.0000e+00
1412	0.0000e+00	0.0000e+00	2.5038e-03	2.5570e-06	-3.2683e-05	0.0000e+00
1413	0.0000e+00	0.0000e+00	2.6305e-03	2.9893e-06	-3.3805e-05	0.0000e+00
1414	0.0000e+00	0.0000e+00	2.7432e-03	1.8933e-06	-3.4940e-05	0.0000e+00
1415	0.0000e+00	0.0000e+00	2.7782e-03	-4.0304e-07	-3.5305e-05	0.0000e+00
1416	0.0000e+00	0.0000e+00	5.5979e-03	-5.6439e-06	-5.0954e-05	0.0000e+00
1417	0.0000e+00	0.0000e+00	5.2734e-03	-8.8287e-06	-4.8574e-05	0.0000e+00
1418	0.0000e+00	0.0000e+00	4.8591e-03	-9.6013e-06	-4.5325e-05	0.0000e+00
1419	0.0000e+00	0.0000e+00	4.4614e-03	-8.2082e-06	-4.2465e-05	0.0000e+00
1420	0.0000e+00	0.0000e+00	4.1579e-03	-5.4404e-06	-4.0376e-05	0.0000e+00
1421	0.0000e+00	0.0000e+00	3.9917e-03	-2.0733e-06	-3.9215e-05	0.0000e+00
1422	0.0000e+00	0.0000e+00	3.9730e-03	1.1652e-06	-3.9014e-05	0.0000e+00
1423	0.0000e+00	0.0000e+00	4.0805e-03	3.5657e-06	-3.9710e-05	0.0000e+00
1424	0.0000e+00	0.0000e+00	4.2619e-03	4.4101e-06	-4.1112e-05	0.0000e+00

1425	0.0000e+00	0.0000e+00	4.4339e-03	3.0150e-06	-4.2803e-05	0.0000e+00
1426	0.0000e+00	0.0000e+00	4.4900e-03	-6.9155e-07	-4.3484e-05	0.0000e+00
1427	0.0000e+00	0.0000e+00	7.9430e-03	-7.1246e-06	-5.6501e-05	0.0000e+00
1428	0.0000e+00	0.0000e+00	7.5067e-03	-1.2400e-05	-5.3641e-05	0.0000e+00
1429	0.0000e+00	0.0000e+00	6.9488e-03	-1.2902e-05	-5.0310e-05	0.0000e+00
1430	0.0000e+00	0.0000e+00	6.4277e-03	-1.0778e-05	-4.7582e-05	0.0000e+00
1431	0.0000e+00	0.0000e+00	6.0340e-03	-7.1131e-06	-4.5572e-05	0.0000e+00
1432	0.0000e+00	0.0000e+00	5.8164e-03	-2.7833e-06	-4.4386e-05	0.0000e+00
1433	0.0000e+00	0.0000e+00	5.7862e-03	1.4038e-06	-4.4052e-05	0.0000e+00
1434	0.0000e+00	0.0000e+00	5.9198e-03	4.6578e-06	-4.4521e-05	0.0000e+00
1435	0.0000e+00	0.0000e+00	6.1582e-03	6.1576e-06	-4.5665e-05	0.0000e+00
1436	0.0000e+00	0.0000e+00	6.4031e-03	4.9139e-06	-4.7337e-05	0.0000e+00
1437	0.0000e+00	0.0000e+00	6.4950e-03	-1.0538e-06	-4.8413e-05	0.0000e+00
1438	0.0000e+00	0.0000e+00	9.7969e-03	-1.3221e-05	-5.0901e-05	0.0000e+00
1439	0.0000e+00	0.0000e+00	9.1347e-03	-1.4098e-05	-4.9582e-05	0.0000e+00
1440	0.0000e+00	0.0000e+00	8.5194e-03	-1.2047e-05	-4.8073e-05	0.0000e+00
1441	0.0000e+00	0.0000e+00	8.0519e-03	-8.2118e-06	-4.6738e-05	0.0000e+00
1442	0.0000e+00	0.0000e+00	7.7869e-03	-3.5944e-06	-4.5765e-05	0.0000e+00
1443	0.0000e+00	0.0000e+00	7.7375e-03	8.8044e-07	-4.5212e-05	0.0000e+00
1444	0.0000e+00	0.0000e+00	7.8777e-03	4.3073e-06	-4.5016e-05	0.0000e+00
1445	0.0000e+00	0.0000e+00	8.1419e-03	5.7412e-06	-4.4988e-05	0.0000e+00
1446	0.0000e+00	0.0000e+00	8.4213e-03	4.1402e-06	-4.4771e-05	0.0000e+00
1447	0.0000e+00	0.0000e+00	-2.2682e-04	-8.1461e-07	-1.2073e-05	0.0000e+00
1448	0.0000e+00	0.0000e+00	-2.6276e-04	-8.6974e-07	-1.1995e-05	0.0000e+00
1449	0.0000e+00	0.0000e+00	-2.8642e-04	-2.0261e-07	-1.1791e-05	0.0000e+00
1450	0.0000e+00	0.0000e+00	-2.6977e-04	1.1349e-06	-1.1590e-05	0.0000e+00
1451	0.0000e+00	0.0000e+00	-1.8768e-04	3.0454e-06	-1.1521e-05	0.0000e+00
1452	0.0000e+00	0.0000e+00	-2.0299e-05	5.3611e-06	-1.1668e-05	0.0000e+00
1453	0.0000e+00	0.0000e+00	2.4391e-04	7.8370e-06	-1.2067e-05	0.0000e+00
1454	0.0000e+00	0.0000e+00	6.0499e-04	1.0145e-05	-1.2682e-05	0.0000e+00
1455	0.0000e+00	0.0000e+00	1.0481e-03	1.1867e-05	-1.3408e-05	0.0000e+00
1456	0.0000e+00	0.0000e+00	1.5404e-03	1.2597e-05	-1.4025e-05	0.0000e+00
1457	0.0000e+00	0.0000e+00	4.3347e-04	-9.4819e-07	-1.8523e-05	0.0000e+00
1458	0.0000e+00	0.0000e+00	3.8819e-04	-1.1732e-06	-1.8149e-05	0.0000e+00
1459	0.0000e+00	0.0000e+00	3.5023e-04	-5.6697e-07	-1.7653e-05	0.0000e+00
1460	0.0000e+00	0.0000e+00	3.5365e-04	8.7949e-07	-1.7207e-05	0.0000e+00
1461	0.0000e+00	0.0000e+00	4.2981e-04	3.0362e-06	-1.6975e-05	0.0000e+00
1462	0.0000e+00	0.0000e+00	6.0286e-04	5.6761e-06	-1.7067e-05	0.0000e+00
1463	0.0000e+00	0.0000e+00	8.8603e-04	8.4825e-06	-1.7527e-05	0.0000e+00
1464	0.0000e+00	0.0000e+00	1.2779e-03	1.1038e-05	-1.8320e-05	0.0000e+00
1465	0.0000e+00	0.0000e+00	1.7585e-03	1.2834e-05	-1.9344e-05	0.0000e+00
1466	0.0000e+00	0.0000e+00	2.2849e-03	1.3286e-05	-2.0107e-05	0.0000e+00
1467	0.0000e+00	0.0000e+00	1.4014e-03	-1.4331e-06	-2.6215e-05	0.0000e+00
1468	0.0000e+00	0.0000e+00	1.3307e-03	-1.9151e-06	-2.5387e-05	0.0000e+00
1469	0.0000e+00	0.0000e+00	1.2615e-03	-1.3374e-06	-2.4402e-05	0.0000e+00
1470	0.0000e+00	0.0000e+00	1.2372e-03	3.0752e-07	-2.3539e-05	0.0000e+00
1471	0.0000e+00	0.0000e+00	1.2972e-03	2.8264e-06	-2.2999e-05	0.0000e+00
1472	0.0000e+00	0.0000e+00	1.4704e-03	5.9136e-06	-2.2893e-05	0.0000e+00
1473	0.0000e+00	0.0000e+00	1.7718e-03	9.1733e-06	-2.3260e-05	0.0000e+00
1474	0.0000e+00	0.0000e+00	2.1986e-03	1.2094e-05	-2.4053e-05	0.0000e+00
1475	0.0000e+00	0.0000e+00	2.7244e-03	1.4020e-05	-2.5169e-05	0.0000e+00
1476	0.0000e+00	0.0000e+00	3.2914e-03	1.4070e-05	-2.5855e-05	0.0000e+00
1477	0.0000e+00	0.0000e+00	2.7196e-03	-2.3956e-06	-3.4570e-05	0.0000e+00
1478	0.0000e+00	0.0000e+00	2.6009e-03	-3.2818e-06	-3.3129e-05	0.0000e+00
1479	0.0000e+00	0.0000e+00	2.4764e-03	-2.6825e-06	-3.1529e-05	0.0000e+00
1480	0.0000e+00	0.0000e+00	2.4041e-03	-7.1692e-07	-3.0164e-05	0.0000e+00
1481	0.0000e+00	0.0000e+00	2.4325e-03	2.2864e-06	-2.9240e-05	0.0000e+00
1482	0.0000e+00	0.0000e+00	2.5949e-03	5.9228e-06	-2.8838e-05	0.0000e+00
1483	0.0000e+00	0.0000e+00	2.9073e-03	9.7188e-06	-2.8965e-05	0.0000e+00
1484	0.0000e+00	0.0000e+00	3.3645e-03	1.3075e-05	-2.9552e-05	0.0000e+00
1485	0.0000e+00	0.0000e+00	3.9336e-03	1.5181e-05	-3.0532e-05	0.0000e+00
1486	0.0000e+00	0.0000e+00	4.5404e-03	1.4825e-05	-3.0888e-05	0.0000e+00
1487	0.0000e+00	0.0000e+00	4.3911e-03	-4.0247e-06	-4.2280e-05	0.0000e+00
1488	0.0000e+00	0.0000e+00	4.1953e-03	-5.3801e-06	-4.0096e-05	0.0000e+00
1489	0.0000e+00	0.0000e+00	3.9893e-03	-4.6145e-06	-3.7948e-05	0.0000e+00
1490	0.0000e+00	0.0000e+00	3.8489e-03	-2.1897e-06	-3.6186e-05	0.0000e+00
1491	0.0000e+00	0.0000e+00	3.8299e-03	1.3853e-06	-3.4942e-05	0.0000e+00
1492	0.0000e+00	0.0000e+00	3.9681e-03	5.6069e-06	-3.4237e-05	0.0000e+00
1493	0.0000e+00	0.0000e+00	4.2787e-03	9.9406e-06	-3.4032e-05	0.0000e+00
1494	0.0000e+00	0.0000e+00	4.7537e-03	1.3736e-05	-3.4237e-05	0.0000e+00
1495	0.0000e+00	0.0000e+00	5.3543e-03	1.6064e-05	-3.4868e-05	0.0000e+00
1496	0.0000e+00	0.0000e+00	5.9921e-03	1.5421e-05	-3.4643e-05	0.0000e+00

1497	0.0000e+00	0.0000e+00	6.3346e-03	-6.6747e-06	-4.6666e-05	0.0000e+00
1498	0.0000e+00	0.0000e+00	6.0370e-03	-8.0981e-06	-4.4185e-05	0.0000e+00
1499	0.0000e+00	0.0000e+00	5.7355e-03	-6.9254e-06	-4.2022e-05	0.0000e+00
1500	0.0000e+00	0.0000e+00	5.5169e-03	-3.9529e-06	-4.0245e-05	0.0000e+00
1501	0.0000e+00	0.0000e+00	5.4411e-03	2.0602e-07	-3.8910e-05	0.0000e+00
1502	0.0000e+00	0.0000e+00	5.5439e-03	4.9726e-06	-3.8007e-05	0.0000e+00
1503	0.0000e+00	0.0000e+00	5.8380e-03	9.7619e-06	-3.7467e-05	0.0000e+00
1504	0.0000e+00	0.0000e+00	6.3118e-03	1.3930e-05	-3.7180e-05	0.0000e+00
1505	0.0000e+00	0.0000e+00	6.9228e-03	1.6529e-05	-3.7243e-05	0.0000e+00
1506	0.0000e+00	0.0000e+00	7.5776e-03	1.5790e-05	-3.6362e-05	0.0000e+00
1507	0.0000e+00	0.0000e+00	8.3144e-03	-7.0832e-06	-4.3650e-05	0.0000e+00
1508	0.0000e+00	0.0000e+00	7.9410e-03	-8.8754e-06	-4.2796e-05	0.0000e+00
1509	0.0000e+00	0.0000e+00	7.5653e-03	-7.9002e-06	-4.1635e-05	0.0000e+00
1510	0.0000e+00	0.0000e+00	7.2808e-03	-4.9496e-06	-4.0429e-05	0.0000e+00
1511	0.0000e+00	0.0000e+00	7.1512e-03	-7.3669e-07	-3.9319e-05	0.0000e+00
1512	0.0000e+00	0.0000e+00	7.2132e-03	4.0707e-06	-3.8359e-05	0.0000e+00
1513	0.0000e+00	0.0000e+00	7.4776e-03	8.8160e-06	-3.7539e-05	0.0000e+00
1514	0.0000e+00	0.0000e+00	7.9289e-03	1.2826e-05	-3.6808e-05	0.0000e+00
1515	0.0000e+00	0.0000e+00	8.5239e-03	1.5408e-05	-3.6122e-05	0.0000e+00
1516	0.0000e+00	0.0000e+00	9.3169e-05	7.1186e-07	-1.4826e-05	0.0000e+00
1517	0.0000e+00	0.0000e+00	1.1070e-04	1.9663e-07	-1.5248e-05	0.0000e+00
1518	0.0000e+00	0.0000e+00	1.1295e-04	-6.8849e-08	-1.5450e-05	0.0000e+00
1519	0.0000e+00	0.0000e+00	1.0655e-04	-2.5121e-07	-1.5461e-05	0.0000e+00
1520	0.0000e+00	0.0000e+00	9.1682e-05	-5.0790e-07	-1.5282e-05	0.0000e+00
1521	0.0000e+00	0.0000e+00	6.2087e-05	-1.0041e-06	-1.4887e-05	0.0000e+00
1522	0.0000e+00	0.0000e+00	9.0650e-04	1.2852e-06	-2.2846e-05	0.0000e+00
1523	0.0000e+00	0.0000e+00	9.4226e-04	5.4314e-07	-2.3259e-05	0.0000e+00
1524	0.0000e+00	0.0000e+00	9.5346e-04	4.8663e-08	-2.3453e-05	0.0000e+00
1525	0.0000e+00	0.0000e+00	9.4769e-04	-3.3769e-07	-2.3471e-05	0.0000e+00
1526	0.0000e+00	0.0000e+00	9.2519e-04	-8.1967e-07	-2.3315e-05	0.0000e+00
1527	0.0000e+00	0.0000e+00	8.7889e-04	-1.5360e-06	-2.2947e-05	0.0000e+00
1528	0.0000e+00	0.0000e+00	2.0994e-03	1.8506e-06	-3.2266e-05	0.0000e+00
1529	0.0000e+00	0.0000e+00	2.1515e-03	8.1750e-07	-3.2584e-05	0.0000e+00
1530	0.0000e+00	0.0000e+00	2.1695e-03	1.3918e-07	-3.2687e-05	0.0000e+00
1531	0.0000e+00	0.0000e+00	2.1648e-03	-3.7753e-07	-3.2716e-05	0.0000e+00
1532	0.0000e+00	0.0000e+00	2.1376e-03	-1.0378e-06	-3.2674e-05	0.0000e+00
1533	0.0000e+00	0.0000e+00	2.0774e-03	-2.0335e-06	-3.2426e-05	0.0000e+00
1534	0.0000e+00	0.0000e+00	3.7181e-03	2.3207e-06	-4.2337e-05	0.0000e+00
1535	0.0000e+00	0.0000e+00	3.7799e-03	9.0313e-07	-4.2416e-05	0.0000e+00
1536	0.0000e+00	0.0000e+00	3.7992e-03	1.5354e-07	-4.2340e-05	0.0000e+00
1537	0.0000e+00	0.0000e+00	3.7960e-03	-3.1379e-07	-4.2383e-05	0.0000e+00
1538	0.0000e+00	0.0000e+00	3.7708e-03	-1.0375e-06	-4.2549e-05	0.0000e+00
1539	0.0000e+00	0.0000e+00	3.7047e-03	-2.4019e-06	-4.2573e-05	0.0000e+00
1540	0.0000e+00	0.0000e+00	5.7590e-03	2.4688e-06	-5.1456e-05	0.0000e+00
1541	0.0000e+00	0.0000e+00	5.8162e-03	6.5655e-07	-5.1083e-05	0.0000e+00
1542	0.0000e+00	0.0000e+00	5.8279e-03	5.7172e-08	-5.0793e-05	0.0000e+00
1543	0.0000e+00	0.0000e+00	5.8269e-03	-1.0502e-07	-5.0853e-05	0.0000e+00
1544	0.0000e+00	0.0000e+00	5.8141e-03	-6.6844e-07	-5.1267e-05	0.0000e+00
1545	0.0000e+00	0.0000e+00	5.7578e-03	-2.4082e-06	-5.1780e-05	0.0000e+00
1546	0.0000e+00	0.0000e+00	8.1192e-03	1.8431e-06	-5.6553e-05	0.0000e+00
1547	0.0000e+00	0.0000e+00	8.1558e-03	6.3061e-08	-5.5977e-05	0.0000e+00
1548	0.0000e+00	0.0000e+00	8.1546e-03	-1.1402e-07	-5.5727e-05	0.0000e+00
1549	0.0000e+00	0.0000e+00	8.1566e-03	2.1384e-07	-5.5804e-05	0.0000e+00
1550	0.0000e+00	0.0000e+00	8.1628e-03	8.4626e-08	-5.6214e-05	0.0000e+00
1551	0.0000e+00	0.0000e+00	8.1341e-03	-1.5997e-06	-5.6967e-05	0.0000e+00
1552	0.0000e+00	0.0000e+00	1.0521e-02	3.0657e-06	-5.3047e-05	0.0000e+00
1553	0.0000e+00	0.0000e+00	1.0560e-02	7.8760e-07	-5.3856e-05	0.0000e+00
1554	0.0000e+00	0.0000e+00	1.0561e-02	1.7682e-07	-5.4222e-05	0.0000e+00
1555	0.0000e+00	0.0000e+00	1.0566e-02	1.3582e-07	-5.4317e-05	0.0000e+00
1556	0.0000e+00	0.0000e+00	1.0579e-02	-4.1673e-07	-5.4144e-05	0.0000e+00
1557	0.0000e+00	0.0000e+00	1.0556e-02	-2.5778e-06	-5.3540e-05	0.0000e+00
1558	0.0000e+00	0.0000e+00	6.2776e-05	1.0046e-06	-1.4876e-05	0.0000e+00
1559	0.0000e+00	0.0000e+00	9.2256e-05	5.0228e-07	-1.5273e-05	0.0000e+00
1560	0.0000e+00	0.0000e+00	1.0683e-04	2.4249e-07	-1.5454e-05	0.0000e+00
1561	0.0000e+00	0.0000e+00	1.1286e-04	5.9287e-08	-1.5445e-05	0.0000e+00
1562	0.0000e+00	0.0000e+00	1.1025e-04	-2.0481e-07	-1.5245e-05	0.0000e+00
1563	0.0000e+00	0.0000e+00	9.2474e-05	-7.1531e-07	-1.4824e-05	0.0000e+00
1564	0.0000e+00	0.0000e+00	8.7921e-04	1.5351e-06	-2.2940e-05	0.0000e+00
1565	0.0000e+00	0.0000e+00	9.2539e-04	8.1505e-07	-2.3307e-05	0.0000e+00
1566	0.0000e+00	0.0000e+00	9.4764e-04	3.3042e-07	-2.3464e-05	0.0000e+00
1567	0.0000e+00	0.0000e+00	9.5311e-04	-5.6510e-08	-2.3447e-05	0.0000e+00
1568	0.0000e+00	0.0000e+00	9.4162e-04	-5.4917e-07	-2.3254e-05	0.0000e+00

1569	0.0000e+00	0.0000e+00	9.0570e-04	-1.2869e-06	-2.2842e-05	0.0000e+00
1570	0.0000e+00	0.0000e+00	2.0775e-03	2.0306e-06	-3.2420e-05	0.0000e+00
1571	0.0000e+00	0.0000e+00	2.1374e-03	1.0324e-06	-3.2667e-05	0.0000e+00
1572	0.0000e+00	0.0000e+00	2.1644e-03	3.7045e-07	-3.2709e-05	0.0000e+00
1573	0.0000e+00	0.0000e+00	2.1689e-03	-1.4616e-07	-3.2680e-05	0.0000e+00
1574	0.0000e+00	0.0000e+00	2.1506e-03	-8.2230e-07	-3.2577e-05	0.0000e+00
1575	0.0000e+00	0.0000e+00	2.0984e-03	-1.8514e-06	-3.2259e-05	0.0000e+00
1576	0.0000e+00	0.0000e+00	3.7045e-03	2.3971e-06	-4.2568e-05	0.0000e+00
1577	0.0000e+00	0.0000e+00	3.7704e-03	1.0304e-06	-4.2542e-05	0.0000e+00
1578	0.0000e+00	0.0000e+00	3.7953e-03	3.0572e-07	-4.2374e-05	0.0000e+00
1579	0.0000e+00	0.0000e+00	3.7982e-03	-1.6076e-07	-4.2330e-05	0.0000e+00
1580	0.0000e+00	0.0000e+00	3.7787e-03	-9.0744e-07	-4.2406e-05	0.0000e+00
1581	0.0000e+00	0.0000e+00	3.7168e-03	-2.3205e-06	-4.2328e-05	0.0000e+00
1582	0.0000e+00	0.0000e+00	5.7573e-03	2.4015e-06	-5.1775e-05	0.0000e+00
1583	0.0000e+00	0.0000e+00	5.8133e-03	6.5919e-07	-5.1259e-05	0.0000e+00
1584	0.0000e+00	0.0000e+00	5.8258e-03	9.5106e-08	-5.0843e-05	0.0000e+00
1585	0.0000e+00	0.0000e+00	5.8264e-03	-6.5503e-08	-5.0781e-05	0.0000e+00
1586	0.0000e+00	0.0000e+00	5.8145e-03	-6.6090e-07	-5.1070e-05	0.0000e+00
1587	0.0000e+00	0.0000e+00	5.7572e-03	-2.4671e-06	-5.1445e-05	0.0000e+00
1588	0.0000e+00	0.0000e+00	8.1334e-03	1.5908e-06	-5.6960e-05	0.0000e+00
1589	0.0000e+00	0.0000e+00	8.1617e-03	-9.6397e-08	-5.6205e-05	0.0000e+00
1590	0.0000e+00	0.0000e+00	8.1550e-03	-2.2605e-07	-5.5793e-05	0.0000e+00
1591	0.0000e+00	0.0000e+00	8.1525e-03	1.0398e-07	-5.5714e-05	0.0000e+00
1592	0.0000e+00	0.0000e+00	8.1535e-03	-6.8029e-08	-5.5963e-05	0.0000e+00
1593	0.0000e+00	0.0000e+00	8.1168e-03	-1.8400e-06	-5.6539e-05	0.0000e+00
1594	0.0000e+00	0.0000e+00	1.0554e-02	2.5694e-06	-5.3528e-05	0.0000e+00
1595	0.0000e+00	0.0000e+00	1.0577e-02	4.0494e-07	-5.4132e-05	0.0000e+00
1596	0.0000e+00	0.0000e+00	1.0564e-02	-1.4810e-07	-5.4304e-05	0.0000e+00
1597	0.0000e+00	0.0000e+00	1.0558e-02	-1.8658e-07	-5.4209e-05	0.0000e+00
1598	0.0000e+00	0.0000e+00	1.0557e-02	-7.9156e-07	-5.3843e-05	0.0000e+00
1599	0.0000e+00	0.0000e+00	1.0518e-02	-3.0601e-06	-5.3034e-05	0.0000e+00
1600	0.0000e+00	0.0000e+00	-6.0964e-05	-1.3486e-08	-1.3977e-05	0.0000e+00
1601	0.0000e+00	0.0000e+00	-7.2188e-05	-4.2097e-07	-1.4149e-05	0.0000e+00
1602	0.0000e+00	0.0000e+00	-8.9978e-05	-3.3487e-07	-1.4166e-05	0.0000e+00
1603	0.0000e+00	0.0000e+00	-9.6856e-05	4.8564e-08	-1.4162e-05	0.0000e+00
1604	0.0000e+00	0.0000e+00	-8.4696e-05	4.9941e-07	-1.4204e-05	0.0000e+00
1605	0.0000e+00	0.0000e+00	-5.5866e-05	7.7661e-07	-1.4263e-05	0.0000e+00
1606	0.0000e+00	0.0000e+00	-2.3019e-05	6.5380e-07	-1.4233e-05	0.0000e+00
1607	0.0000e+00	0.0000e+00	-7.4448e-06	4.3434e-09	-1.4164e-05	0.0000e+00
1608	0.0000e+00	0.0000e+00	7.0379e-04	1.7340e-07	-2.1457e-05	0.0000e+00
1609	0.0000e+00	0.0000e+00	6.9611e-04	-4.1836e-07	-2.1423e-05	0.0000e+00
1610	0.0000e+00	0.0000e+00	6.7618e-04	-3.9699e-07	-2.1267e-05	0.0000e+00
1611	0.0000e+00	0.0000e+00	6.6758e-04	5.1491e-08	-2.1172e-05	0.0000e+00
1612	0.0000e+00	0.0000e+00	6.8198e-04	5.9263e-07	-2.1239e-05	0.0000e+00
1613	0.0000e+00	0.0000e+00	7.1560e-04	8.7405e-07	-2.1429e-05	0.0000e+00
1614	0.0000e+00	0.0000e+00	7.5119e-04	6.6003e-07	-2.1604e-05	0.0000e+00
1615	0.0000e+00	0.0000e+00	7.6670e-04	2.2479e-09	-2.1666e-05	0.0000e+00
1616	0.0000e+00	0.0000e+00	1.8236e-03	1.1919e-07	-3.0296e-05	0.0000e+00
1617	0.0000e+00	0.0000e+00	1.8073e-03	-7.1195e-07	-2.9887e-05	0.0000e+00
1618	0.0000e+00	0.0000e+00	1.7739e-03	-6.6746e-07	-2.9381e-05	0.0000e+00
1619	0.0000e+00	0.0000e+00	1.7578e-03	-7.0459e-11	-2.9102e-05	0.0000e+00
1620	0.0000e+00	0.0000e+00	1.7757e-03	8.0083e-07	-2.9202e-05	0.0000e+00
1621	0.0000e+00	0.0000e+00	1.8221e-03	1.2167e-06	-2.9628e-05	0.0000e+00
1622	0.0000e+00	0.0000e+00	1.8715e-03	9.1438e-07	-3.0129e-05	0.0000e+00
1623	0.0000e+00	0.0000e+00	1.8930e-03	8.7479e-10	-3.0354e-05	0.0000e+00
1624	0.0000e+00	0.0000e+00	3.3441e-03	-3.1614e-07	-3.9812e-05	0.0000e+00
1625	0.0000e+00	0.0000e+00	3.2994e-03	-1.4853e-06	-3.8832e-05	0.0000e+00
1626	0.0000e+00	0.0000e+00	3.2346e-03	-1.2768e-06	-3.7834e-05	0.0000e+00
1627	0.0000e+00	0.0000e+00	3.2011e-03	-1.5610e-07	-3.7290e-05	0.0000e+00
1628	0.0000e+00	0.0000e+00	3.2235e-03	1.1604e-06	-3.7391e-05	0.0000e+00
1629	0.0000e+00	0.0000e+00	3.2937e-03	1.9138e-06	-3.8094e-05	0.0000e+00
1630	0.0000e+00	0.0000e+00	3.3732e-03	1.5116e-06	-3.9042e-05	0.0000e+00
1631	0.0000e+00	0.0000e+00	3.4087e-03	-8.2968e-11	-3.9509e-05	0.0000e+00
1632	0.0000e+00	0.0000e+00	5.2650e-03	-1.3590e-06	-4.8495e-05	0.0000e+00
1633	0.0000e+00	0.0000e+00	5.1638e-03	-2.8619e-06	-4.6765e-05	0.0000e+00
1634	0.0000e+00	0.0000e+00	5.0457e-03	-2.2751e-06	-4.5293e-05	0.0000e+00
1635	0.0000e+00	0.0000e+00	4.9829e-03	-4.7560e-07	-4.4473e-05	0.0000e+00
1636	0.0000e+00	0.0000e+00	5.0076e-03	1.6010e-06	-4.4461e-05	0.0000e+00
1637	0.0000e+00	0.0000e+00	5.1112e-03	2.9795e-06	-4.5274e-05	0.0000e+00
1638	0.0000e+00	0.0000e+00	5.2410e-03	2.6120e-06	-4.6728e-05	0.0000e+00
1639	0.0000e+00	0.0000e+00	5.3032e-03	-7.7261e-10	-4.7579e-05	0.0000e+00
1640	0.0000e+00	0.0000e+00	7.4902e-03	-3.4242e-06	-5.3342e-05	0.0000e+00

1641	0.0000e+00	0.0000e+00	7.3086e-03	-4.7852e-06	-5.1372e-05	0.0000e+00
1642	0.0000e+00	0.0000e+00	7.1245e-03	-3.5911e-06	-4.9870e-05	0.0000e+00
1643	0.0000e+00	0.0000e+00	7.0226e-03	-1.0260e-06	-4.8915e-05	0.0000e+00
1644	0.0000e+00	0.0000e+00	7.0406e-03	1.8864e-06	-4.8582e-05	0.0000e+00
1645	0.0000e+00	0.0000e+00	7.1712e-03	4.1296e-06	-4.8901e-05	0.0000e+00
1646	0.0000e+00	0.0000e+00	7.3594e-03	4.4832e-06	-5.0047e-05	0.0000e+00
1647	0.0000e+00	0.0000e+00	7.4656e-03	-1.2038e-09	-5.1368e-05	0.0000e+00
1648	0.0000e+00	0.0000e+00	9.7578e-03	-3.0601e-06	-5.0141e-05	0.0000e+00
1649	0.0000e+00	0.0000e+00	9.5239e-03	-4.9323e-06	-4.9845e-05	0.0000e+00
1650	0.0000e+00	0.0000e+00	9.2908e-03	-4.0421e-06	-4.9168e-05	0.0000e+00
1651	0.0000e+00	0.0000e+00	9.1505e-03	-1.6280e-06	-4.8383e-05	0.0000e+00
1652	0.0000e+00	0.0000e+00	9.1434e-03	1.1487e-06	-4.7561e-05	0.0000e+00
1653	0.0000e+00	0.0000e+00	9.2605e-03	3.1458e-06	-4.6578e-05	0.0000e+00
1654	0.0000e+00	0.0000e+00	9.4429e-03	3.1818e-06	-4.5065e-05	0.0000e+00
1655	0.0000e+00	0.0000e+00	-2.2725e-05	-6.5045e-07	-1.4229e-05	0.0000e+00
1656	0.0000e+00	0.0000e+00	-5.5535e-05	-7.7776e-07	-1.4261e-05	0.0000e+00
1657	0.0000e+00	0.0000e+00	-8.4467e-05	-5.0267e-07	-1.4203e-05	0.0000e+00
1658	0.0000e+00	0.0000e+00	-9.6789e-05	-5.2607e-08	-1.4160e-05	0.0000e+00
1659	0.0000e+00	0.0000e+00	-9.0082e-05	3.3121e-07	-1.4165e-05	0.0000e+00
1660	0.0000e+00	0.0000e+00	-7.2416e-05	4.1914e-07	-1.4149e-05	0.0000e+00
1661	0.0000e+00	0.0000e+00	-6.1186e-05	1.6043e-08	-1.3978e-05	0.0000e+00
1662	0.0000e+00	0.0000e+00	7.5135e-04	-6.5758e-07	-2.1602e-05	0.0000e+00
1663	0.0000e+00	0.0000e+00	7.1579e-04	-8.7470e-07	-2.1425e-05	0.0000e+00
1664	0.0000e+00	0.0000e+00	6.8210e-04	-5.9541e-07	-2.1236e-05	0.0000e+00
1665	0.0000e+00	0.0000e+00	6.6755e-04	-5.5092e-08	-2.1169e-05	0.0000e+00
1666	0.0000e+00	0.0000e+00	6.7600e-04	3.9387e-07	-2.1265e-05	0.0000e+00
1667	0.0000e+00	0.0000e+00	6.9583e-04	4.1721e-07	-2.1421e-05	0.0000e+00
1668	0.0000e+00	0.0000e+00	7.0353e-04	-1.7109e-07	-2.1455e-05	0.0000e+00
1669	0.0000e+00	0.0000e+00	1.8716e-03	-9.1362e-07	-3.0127e-05	0.0000e+00
1670	0.0000e+00	0.0000e+00	1.8221e-03	-1.2179e-06	-2.9625e-05	0.0000e+00
1671	0.0000e+00	0.0000e+00	1.7757e-03	-8.0366e-07	-2.9198e-05	0.0000e+00
1672	0.0000e+00	0.0000e+00	1.7576e-03	-3.4197e-09	-2.9098e-05	0.0000e+00
1673	0.0000e+00	0.0000e+00	1.7736e-03	6.6454e-07	-2.9377e-05	0.0000e+00
1674	0.0000e+00	0.0000e+00	1.8068e-03	7.1084e-07	-2.9883e-05	0.0000e+00
1675	0.0000e+00	0.0000e+00	1.8232e-03	-1.1768e-07	-3.0291e-05	0.0000e+00
1676	0.0000e+00	0.0000e+00	3.3732e-03	-1.5124e-06	-3.9040e-05	0.0000e+00
1677	0.0000e+00	0.0000e+00	3.2936e-03	-1.9161e-06	-3.8090e-05	0.0000e+00
1678	0.0000e+00	0.0000e+00	3.2233e-03	-1.1640e-06	-3.7387e-05	0.0000e+00
1679	0.0000e+00	0.0000e+00	3.2007e-03	1.5206e-07	-3.7285e-05	0.0000e+00
1680	0.0000e+00	0.0000e+00	3.2340e-03	1.2734e-06	-3.7828e-05	0.0000e+00
1681	0.0000e+00	0.0000e+00	3.2988e-03	1.4838e-06	-3.8825e-05	0.0000e+00
1682	0.0000e+00	0.0000e+00	3.3434e-03	3.1701e-07	-3.9805e-05	0.0000e+00
1683	0.0000e+00	0.0000e+00	5.2409e-03	-2.6143e-06	-4.6727e-05	0.0000e+00
1684	0.0000e+00	0.0000e+00	5.1109e-03	-2.9833e-06	-4.5271e-05	0.0000e+00
1685	0.0000e+00	0.0000e+00	5.0072e-03	-1.6059e-06	-4.4457e-05	0.0000e+00
1686	0.0000e+00	0.0000e+00	4.9822e-03	4.7031e-07	-4.4467e-05	0.0000e+00
1687	0.0000e+00	0.0000e+00	5.0449e-03	2.2706e-06	-4.5286e-05	0.0000e+00
1688	0.0000e+00	0.0000e+00	5.1628e-03	2.8594e-06	-4.6756e-05	0.0000e+00
1689	0.0000e+00	0.0000e+00	5.2639e-03	1.3593e-06	-4.8485e-05	0.0000e+00
1690	0.0000e+00	0.0000e+00	7.3593e-03	-4.4870e-06	-5.0047e-05	0.0000e+00
1691	0.0000e+00	0.0000e+00	7.1708e-03	-4.1353e-06	-4.8899e-05	0.0000e+00
1692	0.0000e+00	0.0000e+00	7.0400e-03	-1.8933e-06	-4.8577e-05	0.0000e+00
1693	0.0000e+00	0.0000e+00	7.0217e-03	1.0189e-06	-4.8908e-05	0.0000e+00
1694	0.0000e+00	0.0000e+00	7.1233e-03	3.5850e-06	-4.9862e-05	0.0000e+00
1695	0.0000e+00	0.0000e+00	7.3072e-03	4.7813e-06	-5.1362e-05	0.0000e+00
1696	0.0000e+00	0.0000e+00	7.4887e-03	3.4239e-06	-5.3330e-05	0.0000e+00
1697	0.0000e+00	0.0000e+00	9.4427e-03	-3.1868e-06	-4.5063e-05	0.0000e+00
1698	0.0000e+00	0.0000e+00	9.2600e-03	-3.1530e-06	-4.6575e-05	0.0000e+00
1699	0.0000e+00	0.0000e+00	9.1425e-03	-1.1571e-06	-4.7557e-05	0.0000e+00
1700	0.0000e+00	0.0000e+00	9.1493e-03	1.6195e-06	-4.8377e-05	0.0000e+00
1701	0.0000e+00	0.0000e+00	9.2892e-03	4.0346e-06	-4.9160e-05	0.0000e+00
1702	0.0000e+00	0.0000e+00	9.5221e-03	4.9274e-06	-4.9835e-05	0.0000e+00
1703	0.0000e+00	0.0000e+00	9.7557e-03	3.0595e-06	-5.0130e-05	0.0000e+00
1704	0.0000e+00	0.0000e+00	2.0965e-03	-1.2474e-05	-1.4450e-05	0.0000e+00
1705	0.0000e+00	0.0000e+00	2.8605e-03	-1.2893e-05	-2.0762e-05	0.0000e+00
1706	0.0000e+00	0.0000e+00	3.8898e-03	-1.3389e-05	-2.6676e-05	0.0000e+00
1707	0.0000e+00	0.0000e+00	5.1592e-03	-1.3835e-05	-3.1831e-05	0.0000e+00
1708	0.0000e+00	0.0000e+00	6.6242e-03	-1.4126e-05	-3.5690e-05	0.0000e+00
1709	0.0000e+00	0.0000e+00	8.2124e-03	-1.4137e-05	-3.7501e-05	0.0000e+00
1710	0.0000e+00	0.0000e+00	2.1055e-03	1.2508e-05	-1.4547e-05	0.0000e+00
1711	0.0000e+00	0.0000e+00	2.8739e-03	1.2938e-05	-2.0869e-05	0.0000e+00
1712	0.0000e+00	0.0000e+00	3.9080e-03	1.3442e-05	-2.6793e-05	0.0000e+00

1713	0.0000e+00	0.0000e+00	5.1827e-03	1.3896e-05	-3.1954e-05	0.0000e+00
1714	0.0000e+00	0.0000e+00	6.6530e-03	1.4193e-05	-3.5814e-05	0.0000e+00
1715	0.0000e+00	0.0000e+00	8.2463e-03	1.4207e-05	-3.7615e-05	0.0000e+00
1716	0.0000e+00	0.0000e+00	1.0728e-02	2.1108e-05	4.8655e-05	0.0000e+00
1717	0.0000e+00	0.0000e+00	8.6579e-03	2.0285e-05	4.6326e-05	0.0000e+00
1718	0.0000e+00	0.0000e+00	6.7463e-03	1.9080e-05	4.1425e-05	0.0000e+00
1719	0.0000e+00	0.0000e+00	5.0803e-03	1.7717e-05	3.5056e-05	0.0000e+00
1720	0.0000e+00	0.0000e+00	3.7086e-03	1.6317e-05	2.7914e-05	0.0000e+00
1721	0.0000e+00	0.0000e+00	2.6545e-03	1.5001e-05	2.0473e-05	0.0000e+00
1722	0.0000e+00	0.0000e+00	1.9245e-03	1.3876e-05	1.3034e-05	0.0000e+00
1723	0.0000e+00	0.0000e+00	1.5148e-03	1.3019e-05	5.7723e-06	0.0000e+00
1724	0.0000e+00	0.0000e+00	1.4158e-03	1.2479e-05	-1.2270e-06	0.0000e+00
1725	0.0000e+00	0.0000e+00	1.0761e-02	-2.1280e-05	4.8731e-05	0.0000e+00
1726	0.0000e+00	0.0000e+00	8.6867e-03	-2.0436e-05	4.6417e-05	0.0000e+00
1727	0.0000e+00	0.0000e+00	6.7710e-03	-1.9208e-05	4.1523e-05	0.0000e+00
1728	0.0000e+00	0.0000e+00	5.1007e-03	-1.7822e-05	3.5156e-05	0.0000e+00
1729	0.0000e+00	0.0000e+00	3.7246e-03	-1.6398e-05	2.8014e-05	0.0000e+00
1730	0.0000e+00	0.0000e+00	2.6663e-03	-1.5059e-05	2.0571e-05	0.0000e+00
1731	0.0000e+00	0.0000e+00	1.9321e-03	-1.3912e-05	1.3131e-05	0.0000e+00
1732	0.0000e+00	0.0000e+00	1.5182e-03	-1.3034e-05	5.8679e-06	0.0000e+00
1733	0.0000e+00	0.0000e+00	1.4150e-03	-1.2475e-05	-1.1320e-06	0.0000e+00
1734	0.0000e+00	0.0000e+00	1.0076e-02	-1.5381e-05	-3.4629e-05	0.0000e+00
1735	0.0000e+00	0.0000e+00	9.5171e-03	-1.2524e-05	-3.5375e-05	0.0000e+00
1736	0.0000e+00	0.0000e+00	9.1033e-03	-8.1595e-06	-3.6172e-05	0.0000e+00
1737	0.0000e+00	0.0000e+00	8.8794e-03	-3.0368e-06	-3.7044e-05	0.0000e+00
1738	0.0000e+00	0.0000e+00	8.8618e-03	2.1544e-06	-3.7995e-05	0.0000e+00
1739	0.0000e+00	0.0000e+00	9.0394e-03	6.7227e-06	-3.9007e-05	0.0000e+00
1740	0.0000e+00	0.0000e+00	9.3729e-03	9.9459e-06	-4.0014e-05	0.0000e+00
1741	0.0000e+00	0.0000e+00	9.7928e-03	1.1033e-05	-4.0891e-05	0.0000e+00
1742	0.0000e+00	0.0000e+00	1.0195e-02	9.0280e-06	-4.1405e-05	0.0000e+00
1743	0.0000e+00	0.0000e+00	1.0359e-02	-4.9818e-06	-4.2641e-05	0.0000e+00
1744	0.0000e+00	0.0000e+00	1.0104e-02	-6.5913e-06	-4.3249e-05	0.0000e+00
1745	0.0000e+00	0.0000e+00	9.8533e-03	-4.7894e-06	-4.3601e-05	0.0000e+00
1746	0.0000e+00	0.0000e+00	9.7308e-03	-7.8438e-07	-4.3998e-05	0.0000e+00
1747	0.0000e+00	0.0000e+00	9.8097e-03	4.3719e-06	-4.4608e-05	0.0000e+00
1748	0.0000e+00	0.0000e+00	1.0119e-02	9.6779e-06	-4.5489e-05	0.0000e+00
1749	0.0000e+00	0.0000e+00	1.0642e-02	1.4112e-05	-4.6584e-05	0.0000e+00
1750	0.0000e+00	0.0000e+00	1.1316e-02	1.6563e-05	-4.7726e-05	0.0000e+00
1751	0.0000e+00	0.0000e+00	1.2027e-02	1.5734e-05	-4.8631e-05	0.0000e+00
1752	0.0000e+00	0.0000e+00	1.2718e-02	-2.4424e-05	4.0673e-05	0.0000e+00
1753	0.0000e+00	0.0000e+00	1.1793e-02	-2.1973e-05	4.1942e-05	0.0000e+00
1754	0.0000e+00	0.0000e+00	1.1011e-02	-1.7157e-05	4.2341e-05	0.0000e+00
1755	0.0000e+00	0.0000e+00	1.0445e-02	-1.1149e-05	4.2447e-05	0.0000e+00
1756	0.0000e+00	0.0000e+00	1.0124e-02	-4.8966e-06	4.2479e-05	0.0000e+00
1757	0.0000e+00	0.0000e+00	1.0041e-02	7.4174e-07	4.2468e-05	0.0000e+00
1758	0.0000e+00	0.0000e+00	1.0155e-02	4.9052e-06	4.2310e-05	0.0000e+00
1759	0.0000e+00	0.0000e+00	1.0386e-02	6.6574e-06	4.1715e-05	0.0000e+00
1760	0.0000e+00	0.0000e+00	1.0617e-02	4.9947e-06	4.0203e-05	0.0000e+00
1761	0.0000e+00	0.0000e+00	1.0611e-02	-5.1857e-06	4.0754e-05	0.0000e+00
1762	0.0000e+00	0.0000e+00	1.0349e-02	-6.8099e-06	4.2547e-05	0.0000e+00
1763	0.0000e+00	0.0000e+00	1.0094e-02	-4.7870e-06	4.3410e-05	0.0000e+00
1764	0.0000e+00	0.0000e+00	9.9793e-03	-4.4612e-07	4.3978e-05	0.0000e+00
1765	0.0000e+00	0.0000e+00	1.0080e-02	5.0416e-06	4.4565e-05	0.0000e+00
1766	0.0000e+00	0.0000e+00	1.0424e-02	1.0585e-05	4.5244e-05	0.0000e+00
1767	0.0000e+00	0.0000e+00	1.0988e-02	1.5057e-05	4.5884e-05	0.0000e+00
1768	0.0000e+00	0.0000e+00	1.1696e-02	1.7183e-05	4.6085e-05	0.0000e+00
1769	0.0000e+00	0.0000e+00	1.2411e-02	1.5454e-05	4.5079e-05	0.0000e+00
1770	0.0000e+00	0.0000e+00	1.2643e-02	-1.3626e-05	4.6426e-05	0.0000e+00
1771	0.0000e+00	0.0000e+00	1.2019e-02	-1.4870e-05	4.7902e-05	0.0000e+00
1772	0.0000e+00	0.0000e+00	1.1426e-02	-1.2147e-05	4.8198e-05	0.0000e+00
1773	0.0000e+00	0.0000e+00	1.1005e-02	-6.9903e-06	4.8090e-05	0.0000e+00
1774	0.0000e+00	0.0000e+00	1.0835e-02	-7.2052e-07	4.7974e-05	0.0000e+00
1775	0.0000e+00	0.0000e+00	1.0940e-02	5.4710e-06	4.7965e-05	0.0000e+00
1776	0.0000e+00	0.0000e+00	1.1289e-02	1.0397e-05	4.7955e-05	0.0000e+00
1777	0.0000e+00	0.0000e+00	1.1797e-02	1.2745e-05	4.7556e-05	0.0000e+00
1778	0.0000e+00	0.0000e+00	1.2317e-02	1.0993e-05	4.5991e-05	0.0000e+00
1779	0.0000e+00	0.0000e+00	1.2164e-02	-1.4482e-05	-4.9684e-05	0.0000e+00
1780	0.0000e+00	0.0000e+00	1.1518e-02	-1.4898e-05	-4.9127e-05	0.0000e+00
1781	0.0000e+00	0.0000e+00	1.0928e-02	-1.1949e-05	-4.8382e-05	0.0000e+00
1782	0.0000e+00	0.0000e+00	1.0512e-02	-6.9414e-06	-4.7732e-05	0.0000e+00
1783	0.0000e+00	0.0000e+00	1.0337e-02	-1.0084e-06	-4.7347e-05	0.0000e+00
1784	0.0000e+00	0.0000e+00	1.0421e-02	4.7927e-06	-4.7275e-05	0.0000e+00

1785	0.0000e+00	0.0000e+00	1.0733e-02	9.4060e-06	-4.7451e-05	0.0000e+00
1786	0.0000e+00	0.0000e+00	1.1197e-02	1.1701e-05	-4.7684e-05	0.0000e+00
1787	0.0000e+00	0.0000e+00	1.1683e-02	1.0358e-05	-4.7649e-05	0.0000e+00
1788	0.0000e+00	0.0000e+00	1.1680e-02	-1.0351e-05	-4.7639e-05	0.0000e+00
1789	0.0000e+00	0.0000e+00	1.1195e-02	-1.1694e-05	-4.7674e-05	0.0000e+00
1790	0.0000e+00	0.0000e+00	1.0731e-02	-9.4006e-06	-4.7441e-05	0.0000e+00
1791	0.0000e+00	0.0000e+00	1.0419e-02	-4.7884e-06	-4.7267e-05	0.0000e+00
1792	0.0000e+00	0.0000e+00	1.0336e-02	1.0113e-06	-4.7338e-05	0.0000e+00
1793	0.0000e+00	0.0000e+00	1.0511e-02	6.9429e-06	-4.7724e-05	0.0000e+00
1794	0.0000e+00	0.0000e+00	1.0926e-02	1.1949e-05	-4.8373e-05	0.0000e+00
1795	0.0000e+00	0.0000e+00	1.1517e-02	1.4896e-05	-4.9117e-05	0.0000e+00
1796	0.0000e+00	0.0000e+00	1.2163e-02	1.4479e-05	-4.9673e-05	0.0000e+00
1797	0.0000e+00	0.0000e+00	1.2293e-02	-1.0906e-05	4.5918e-05	0.0000e+00
1798	0.0000e+00	0.0000e+00	1.1778e-02	-1.2630e-05	4.7492e-05	0.0000e+00
1799	0.0000e+00	0.0000e+00	1.1275e-02	-1.0269e-05	4.7902e-05	0.0000e+00
1800	0.0000e+00	0.0000e+00	1.0932e-02	-5.3414e-06	4.7924e-05	0.0000e+00
1801	0.0000e+00	0.0000e+00	1.0833e-02	8.4071e-07	4.7944e-05	0.0000e+00
1802	0.0000e+00	0.0000e+00	1.1007e-02	7.0905e-06	4.8070e-05	0.0000e+00
1803	0.0000e+00	0.0000e+00	1.1432e-02	1.2216e-05	4.8185e-05	0.0000e+00
1804	0.0000e+00	0.0000e+00	1.2027e-02	1.4894e-05	4.7890e-05	0.0000e+00
1805	0.0000e+00	0.0000e+00	1.2651e-02	1.3588e-05	4.6407e-05	0.0000e+00
1806	0.0000e+00	0.0000e+00	1.2360e-02	-1.5325e-05	4.4956e-05	0.0000e+00
1807	0.0000e+00	0.0000e+00	1.1653e-02	-1.6965e-05	4.5978e-05	0.0000e+00
1808	0.0000e+00	0.0000e+00	1.0955e-02	-1.4783e-05	4.5803e-05	0.0000e+00
1809	0.0000e+00	0.0000e+00	1.0404e-02	-1.0278e-05	4.5196e-05	0.0000e+00
1810	0.0000e+00	0.0000e+00	1.0074e-02	-4.7220e-06	4.4553e-05	0.0000e+00
1811	0.0000e+00	0.0000e+00	9.9873e-03	7.6047e-07	4.4003e-05	0.0000e+00
1812	0.0000e+00	0.0000e+00	1.0116e-02	5.0781e-06	4.3471e-05	0.0000e+00
1813	0.0000e+00	0.0000e+00	1.0382e-02	7.0574e-06	4.2641e-05	0.0000e+00
1814	0.0000e+00	0.0000e+00	1.0654e-02	5.3631e-06	4.0875e-05	0.0000e+00
1815	0.0000e+00	0.0000e+00	1.0665e-02	-5.0511e-06	4.0339e-05	0.0000e+00
1816	0.0000e+00	0.0000e+00	1.0430e-02	-6.7852e-06	4.1844e-05	0.0000e+00
1817	0.0000e+00	0.0000e+00	1.0192e-02	-5.0824e-06	4.2426e-05	0.0000e+00
1818	0.0000e+00	0.0000e+00	1.0072e-02	-9.5254e-07	4.2567e-05	0.0000e+00
1819	0.0000e+00	0.0000e+00	1.0146e-02	4.6642e-06	4.2558e-05	0.0000e+00
1820	0.0000e+00	0.0000e+00	1.0457e-02	1.0904e-05	4.2506e-05	0.0000e+00
1821	0.0000e+00	0.0000e+00	1.1013e-02	1.6908e-05	4.2381e-05	0.0000e+00
1822	0.0000e+00	0.0000e+00	1.1785e-02	2.1728e-05	4.1967e-05	0.0000e+00
1823	0.0000e+00	0.0000e+00	1.2701e-02	2.4194e-05	4.0694e-05	0.0000e+00
1824	0.0000e+00	0.0000e+00	1.2025e-02	-1.5697e-05	-4.8629e-05	0.0000e+00
1825	0.0000e+00	0.0000e+00	1.1316e-02	-1.6515e-05	-4.7731e-05	0.0000e+00
1826	0.0000e+00	0.0000e+00	1.0644e-02	-1.4056e-05	-4.6599e-05	0.0000e+00
1827	0.0000e+00	0.0000e+00	1.0124e-02	-9.6148e-06	-4.5513e-05	0.0000e+00
1828	0.0000e+00	0.0000e+00	9.8178e-03	-4.3026e-06	-4.4641e-05	0.0000e+00
1829	0.0000e+00	0.0000e+00	9.7420e-03	8.5794e-07	-4.4041e-05	0.0000e+00
1830	0.0000e+00	0.0000e+00	9.8678e-03	4.8642e-06	-4.3653e-05	0.0000e+00
1831	0.0000e+00	0.0000e+00	1.0121e-02	6.6625e-06	-4.3308e-05	0.0000e+00
1832	0.0000e+00	0.0000e+00	1.0379e-02	5.0425e-06	-4.2706e-05	0.0000e+00
1833	0.0000e+00	0.0000e+00	1.0219e-02	-9.0092e-06	-4.1481e-05	0.0000e+00
1834	0.0000e+00	0.0000e+00	9.8174e-03	-1.1025e-05	-4.0973e-05	0.0000e+00
1835	0.0000e+00	0.0000e+00	9.3978e-03	-9.9372e-06	-4.0100e-05	0.0000e+00
1836	0.0000e+00	0.0000e+00	9.0648e-03	-6.7067e-06	-3.9095e-05	0.0000e+00
1837	0.0000e+00	0.0000e+00	8.8881e-03	-2.1260e-06	-3.8085e-05	0.0000e+00
1838	0.0000e+00	0.0000e+00	8.9071e-03	3.0801e-06	-3.7134e-05	0.0000e+00
1839	0.0000e+00	0.0000e+00	9.1331e-03	8.2182e-06	-3.6261e-05	0.0000e+00
1840	0.0000e+00	0.0000e+00	9.5495e-03	1.2596e-05	-3.5461e-05	0.0000e+00
1841	0.0000e+00	0.0000e+00	1.0111e-02	1.5462e-05	-3.4713e-05	0.0000e+00
1842	0.0000e+00	0.0000e+00	1.2838e-02	3.2765e-06	-5.0473e-05	0.0000e+00
1843	0.0000e+00	0.0000e+00	1.2917e-02	7.9200e-07	-5.1411e-05	0.0000e+00
1844	0.0000e+00	0.0000e+00	1.2937e-02	2.2079e-07	-5.1874e-05	0.0000e+00
1845	0.0000e+00	0.0000e+00	1.2947e-02	2.8578e-07	-5.1972e-05	0.0000e+00
1846	0.0000e+00	0.0000e+00	1.2949e-02	-2.1879e-07	-5.1709e-05	0.0000e+00
1847	0.0000e+00	0.0000e+00	1.2895e-02	-2.5682e-06	-5.0984e-05	0.0000e+00
1848	0.0000e+00	0.0000e+00	1.3284e-02	5.3957e-06	4.6325e-05	0.0000e+00
1849	0.0000e+00	0.0000e+00	1.3435e-02	1.9928e-06	4.9038e-05	0.0000e+00
1850	0.0000e+00	0.0000e+00	1.3490e-02	7.4921e-07	5.0286e-05	0.0000e+00
1851	0.0000e+00	0.0000e+00	1.3510e-02	2.8004e-07	5.0422e-05	0.0000e+00
1852	0.0000e+00	0.0000e+00	1.3498e-02	-8.9819e-07	4.9449e-05	0.0000e+00
1853	0.0000e+00	0.0000e+00	1.3393e-02	-4.1771e-06	4.7014e-05	0.0000e+00
1854	0.0000e+00	0.0000e+00	1.2893e-02	2.5592e-06	-5.0971e-05	0.0000e+00
1855	0.0000e+00	0.0000e+00	1.2947e-02	2.0599e-07	-5.1697e-05	0.0000e+00
1856	0.0000e+00	0.0000e+00	1.2945e-02	-2.9944e-07	-5.1960e-05	0.0000e+00



1857	0.0000e+00	0.0000e+00	1.2934e-02	-2.3202e-07	-5.1862e-05	0.0000e+00
1858	0.0000e+00	0.0000e+00	1.2914e-02	-7.9713e-07	-5.1400e-05	0.0000e+00
1859	0.0000e+00	0.0000e+00	1.2834e-02	-3.2712e-06	-5.0463e-05	0.0000e+00
1860	0.0000e+00	0.0000e+00	1.3391e-02	3.9698e-06	4.6974e-05	0.0000e+00
1861	0.0000e+00	0.0000e+00	1.3486e-02	6.4154e-07	4.9391e-05	0.0000e+00
1862	0.0000e+00	0.0000e+00	1.3488e-02	-5.5656e-07	5.0343e-05	0.0000e+00
1863	0.0000e+00	0.0000e+00	1.3457e-02	-1.0165e-06	5.0186e-05	0.0000e+00
1864	0.0000e+00	0.0000e+00	1.3392e-02	-2.2191e-06	4.8921e-05	0.0000e+00
1865	0.0000e+00	0.0000e+00	1.3234e-02	-5.5432e-06	4.6197e-05	0.0000e+00
1866	0.0000e+00	0.0000e+00	1.2786e-02	-2.5548e-07	4.6888e-05	0.0000e+00
1867	0.0000e+00	0.0000e+00	1.2725e-02	-2.6424e-06	4.9418e-05	0.0000e+00
1868	0.0000e+00	0.0000e+00	1.2633e-02	-1.5838e-06	5.0586e-05	0.0000e+00
1869	0.0000e+00	0.0000e+00	1.2626e-02	1.2392e-06	5.1041e-05	0.0000e+00
1870	0.0000e+00	0.0000e+00	1.2745e-02	4.2316e-06	5.0995e-05	0.0000e+00
1871	0.0000e+00	0.0000e+00	1.2964e-02	5.7950e-06	5.0244e-05	0.0000e+00
1872	0.0000e+00	0.0000e+00	1.3181e-02	4.2407e-06	4.8150e-05	0.0000e+00
1873	0.0000e+00	0.0000e+00	1.3177e-02	-4.3400e-06	4.8137e-05	0.0000e+00
1874	0.0000e+00	0.0000e+00	1.2956e-02	-5.8958e-06	5.0217e-05	0.0000e+00
1875	0.0000e+00	0.0000e+00	1.2732e-02	-4.3308e-06	5.0955e-05	0.0000e+00
1876	0.0000e+00	0.0000e+00	1.2609e-02	-1.3326e-06	5.0988e-05	0.0000e+00
1877	0.0000e+00	0.0000e+00	1.2612e-02	1.5026e-06	5.0522e-05	0.0000e+00
1878	0.0000e+00	0.0000e+00	1.2701e-02	2.5825e-06	4.9346e-05	0.0000e+00
1879	0.0000e+00	0.0000e+00	1.2760e-02	2.2960e-07	4.6812e-05	0.0000e+00
1880	0.0000e+00	0.0000e+00	1.1947e-02	-4.4214e-06	-4.7715e-05	0.0000e+00
1881	0.0000e+00	0.0000e+00	1.1710e-02	-6.4161e-06	-4.7726e-05	0.0000e+00
1882	0.0000e+00	0.0000e+00	1.1453e-02	-5.3284e-06	-4.7277e-05	0.0000e+00
1883	0.0000e+00	0.0000e+00	1.1280e-02	-2.5971e-06	-4.6577e-05	0.0000e+00
1884	0.0000e+00	0.0000e+00	1.1233e-02	4.7535e-07	-4.5688e-05	0.0000e+00
1885	0.0000e+00	0.0000e+00	1.1301e-02	2.6281e-06	-4.4563e-05	0.0000e+00
1886	0.0000e+00	0.0000e+00	1.1418e-02	2.6548e-06	-4.3230e-05	0.0000e+00
1887	0.0000e+00	0.0000e+00	1.1417e-02	-2.6617e-06	-4.3228e-05	0.0000e+00
1888	0.0000e+00	0.0000e+00	1.1301e-02	-2.6373e-06	-4.4559e-05	0.0000e+00
1889	0.0000e+00	0.0000e+00	1.1232e-02	-4.8581e-07	-4.5683e-05	0.0000e+00
1890	0.0000e+00	0.0000e+00	1.1278e-02	2.5865e-06	-4.6571e-05	0.0000e+00
1891	0.0000e+00	0.0000e+00	1.1451e-02	5.3189e-06	-4.7269e-05	0.0000e+00
1892	0.0000e+00	0.0000e+00	1.1707e-02	6.4092e-06	-4.7717e-05	0.0000e+00
1893	0.0000e+00	0.0000e+00	1.1945e-02	4.4191e-06	-4.7706e-05	0.0000e+00
2124	-2.3208e-03	-5.5814e-05	0.0000e+00	0.0000e+00	0.0000e+00	-2.6774e-08

SPOSTAMENTI NODALI "V+x" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	-7.6026e-03	1.5660e-05	-2.9189e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	-5.7276e-03	-3.6292e-08	-2.7674e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	-7.0156e-03	-5.8205e-06	-3.1618e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	-7.0911e-03	5.1139e-06	-3.2249e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	-6.8141e-03	-3.0659e-06	-3.1854e-05	0.0000e+00
6	0.0000e+00	0.0000e+00	-7.1451e-03	2.5781e-08	-3.2999e-05	0.0000e+00
7	0.0000e+00	0.0000e+00	-6.7997e-03	3.0467e-06	-3.1802e-05	0.0000e+00
8	0.0000e+00	0.0000e+00	-7.0948e-03	-5.0448e-06	-3.2240e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	-6.9850e-03	5.8296e-06	-3.1525e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	-5.7544e-03	5.3081e-09	-2.7770e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-7.5856e-03	-1.5530e-05	-2.9169e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	-6.8167e-04	7.7343e-06	4.9833e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	3.9604e-04	-7.4307e-08	4.4918e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	2.7738e-04	-7.1657e-07	5.1734e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	3.0640e-04	8.9757e-07	5.2061e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	3.4809e-04	-4.8469e-07	5.0167e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	3.1295e-04	-6.6992e-09	5.2485e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	3.4798e-04	4.7091e-07	5.0141e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	3.0577e-04	-9.0883e-07	5.1962e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	2.7766e-04	7.0586e-07	5.1670e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	3.9533e-04	6.1189e-08	4.4852e-06	0.0000e+00
22	0.0000e+00	0.0000e+00	-6.8416e-04	-7.7525e-06	5.0316e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	-5.8813e-03	1.0160e-05	2.2527e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-5.4854e-03	-1.0787e-06	2.7918e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	-6.6508e-03	-5.2249e-06	3.2869e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-6.6872e-03	4.7984e-06	3.3326e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	-6.3231e-03	-1.8607e-06	3.1645e-05	0.0000e+00
28	0.0000e+00	0.0000e+00	-6.1532e-03	4.9847e-10	2.6853e-05	0.0000e+00
29	0.0000e+00	0.0000e+00	-6.3218e-03	1.8569e-06	3.1637e-05	0.0000e+00
30	0.0000e+00	0.0000e+00	-6.6866e-03	-4.7971e-06	3.3317e-05	0.0000e+00

31 0.0000e+00 0.0000e+00 -6.6492e-03 5.2123e-06 3.2861e-05 0.0000e+00  
32 0.0000e+00 0.0000e+00 -5.4980e-03 1.0561e-06 2.7963e-05 0.0000e+00  
33 0.0000e+00 0.0000e+00 -5.9038e-03 -1.0213e-05 2.2580e-05 0.0000e+00  
67 0.0000e+00 0.0000e+00 -8.7730e-03 1.4852e-05 -2.3081e-05 0.0000e+00  
68 0.0000e+00 0.0000e+00 -6.8767e-03 -9.1678e-08 -2.3447e-05 0.0000e+00  
69 0.0000e+00 0.0000e+00 -8.3195e-03 -6.4798e-06 -2.6180e-05 0.0000e+00  
70 0.0000e+00 0.0000e+00 -8.4229e-03 5.6089e-06 -2.6769e-05 0.0000e+00  
71 0.0000e+00 0.0000e+00 -8.1278e-03 -3.3866e-06 -2.6501e-05 0.0000e+00  
72 0.0000e+00 0.0000e+00 -8.5105e-03 2.9312e-08 -2.7542e-05 0.0000e+00  
73 0.0000e+00 0.0000e+00 -8.1111e-03 3.3676e-06 -2.6450e-05 0.0000e+00  
74 0.0000e+00 0.0000e+00 -8.4258e-03 -5.5337e-06 -2.6747e-05 0.0000e+00  
75 0.0000e+00 0.0000e+00 -8.2852e-03 6.4881e-06 -2.6097e-05 0.0000e+00  
76 0.0000e+00 0.0000e+00 -6.9074e-03 5.6984e-08 -2.3535e-05 0.0000e+00  
77 0.0000e+00 0.0000e+00 -8.7563e-03 -1.4722e-05 -2.3114e-05 0.0000e+00  
78 0.0000e+00 0.0000e+00 -6.8710e-03 9.9921e-06 2.1824e-05 0.0000e+00  
79 0.0000e+00 0.0000e+00 -6.6959e-03 -1.4172e-06 2.6810e-05 0.0000e+00  
80 0.0000e+00 0.0000e+00 -8.0840e-03 -6.1164e-06 3.1683e-05 0.0000e+00  
81 0.0000e+00 0.0000e+00 -8.1417e-03 5.5230e-06 3.2164e-05 0.0000e+00  
82 0.0000e+00 0.0000e+00 -7.6964e-03 -1.9589e-06 3.0371e-05 0.0000e+00  
83 0.0000e+00 0.0000e+00 -7.3718e-03 1.5997e-09 2.7296e-05 0.0000e+00  
84 0.0000e+00 0.0000e+00 -7.6949e-03 1.9563e-06 3.0364e-05 0.0000e+00  
85 0.0000e+00 0.0000e+00 -8.1408e-03 -5.5199e-06 3.2157e-05 0.0000e+00  
86 0.0000e+00 0.0000e+00 -8.0821e-03 6.1022e-06 3.1678e-05 0.0000e+00  
87 0.0000e+00 0.0000e+00 -6.7105e-03 1.3917e-06 2.6855e-05 0.0000e+00  
88 0.0000e+00 0.0000e+00 -6.8958e-03 -1.0045e-05 2.1877e-05 0.0000e+00  
89 0.0000e+00 0.0000e+00 -8.2309e-03 1.3372e-05 -2.8928e-05 0.0000e+00  
90 0.0000e+00 0.0000e+00 -1.0350e-03 7.8954e-06 5.0722e-06 0.0000e+00  
91 0.0000e+00 0.0000e+00 -6.2968e-03 8.9746e-06 2.3007e-05 0.0000e+00  
92 0.0000e+00 0.0000e+00 -9.4321e-03 1.3987e-05 -2.4979e-05 0.0000e+00  
93 0.0000e+00 0.0000e+00 -7.2993e-03 9.1207e-06 2.1748e-05 0.0000e+00  
94 0.0000e+00 0.0000e+00 -7.3264e-03 -9.1707e-06 2.1800e-05 0.0000e+00  
95 0.0000e+00 0.0000e+00 -8.2085e-03 -1.3256e-05 -2.8908e-05 0.0000e+00  
96 0.0000e+00 0.0000e+00 -1.0382e-03 -7.9087e-06 5.1316e-06 0.0000e+00  
97 0.0000e+00 0.0000e+00 -6.3215e-03 -9.0221e-06 2.3067e-05 0.0000e+00  
98 0.0000e+00 0.0000e+00 -9.4097e-03 -1.3862e-05 -2.4990e-05 0.0000e+00  
99 0.0000e+00 0.0000e+00 -6.2715e-03 1.4983e-05 -2.9847e-05 0.0000e+00  
100 0.0000e+00 0.0000e+00 -5.6535e-03 1.5611e-05 -2.9908e-05 0.0000e+00  
101 0.0000e+00 0.0000e+00 -6.9431e-03 1.5599e-05 -2.8833e-05 0.0000e+00  
102 0.0000e+00 0.0000e+00 -5.0637e-03 1.3792e-05 -2.9141e-05 0.0000e+00  
103 0.0000e+00 0.0000e+00 -6.3311e-03 1.3771e-05 -2.8564e-05 0.0000e+00  
104 0.0000e+00 0.0000e+00 -4.5743e-03 1.0664e-05 -2.8584e-05 0.0000e+00  
105 0.0000e+00 0.0000e+00 -5.8253e-03 1.0752e-05 -2.8393e-05 0.0000e+00  
106 0.0000e+00 0.0000e+00 -4.2219e-03 6.9693e-06 -2.8218e-05 0.0000e+00  
107 0.0000e+00 0.0000e+00 -5.4621e-03 7.0939e-06 -2.8281e-05 0.0000e+00  
108 0.0000e+00 0.0000e+00 -4.0186e-03 3.2192e-06 -2.8135e-05 0.0000e+00  
109 0.0000e+00 0.0000e+00 -5.2562e-03 3.3147e-06 -2.8251e-05 0.0000e+00  
110 0.0000e+00 0.0000e+00 -3.9576e-03 -1.4406e-07 -2.8393e-05 0.0000e+00  
111 0.0000e+00 0.0000e+00 -5.2023e-03 -9.7589e-08 -2.8308e-05 0.0000e+00  
112 0.0000e+00 0.0000e+00 -4.0148e-03 -2.6989e-06 -2.9009e-05 0.0000e+00  
113 0.0000e+00 0.0000e+00 -5.2760e-03 -2.6637e-06 -2.8413e-05 0.0000e+00  
114 0.0000e+00 0.0000e+00 -4.1493e-03 -4.0027e-06 -2.9965e-05 0.0000e+00  
115 0.0000e+00 0.0000e+00 -5.4340e-03 -3.8881e-06 -2.8468e-05 0.0000e+00  
116 0.0000e+00 0.0000e+00 -4.3000e-03 -3.4741e-06 -3.1245e-05 0.0000e+00  
117 0.0000e+00 0.0000e+00 -5.6129e-03 -3.2294e-06 -2.8339e-05 0.0000e+00  
118 0.0000e+00 0.0000e+00 -4.3723e-03 5.4671e-08 -3.2134e-05 0.0000e+00  
119 0.0000e+00 0.0000e+00 -4.9702e-03 1.4104e-05 -2.8338e-05 0.0000e+00  
120 0.0000e+00 0.0000e+00 -4.3899e-03 1.4604e-05 -2.7956e-05 0.0000e+00  
121 0.0000e+00 0.0000e+00 -3.8367e-03 1.2870e-05 -2.6870e-05 0.0000e+00  
122 0.0000e+00 0.0000e+00 -3.3780e-03 9.9898e-06 -2.6040e-05 0.0000e+00  
123 0.0000e+00 0.0000e+00 -3.0452e-03 6.6462e-06 -2.5507e-05 0.0000e+00  
124 0.0000e+00 0.0000e+00 -2.8465e-03 3.3311e-06 -2.5367e-05 0.0000e+00  
125 0.0000e+00 0.0000e+00 -2.7727e-03 4.4444e-07 -2.5669e-05 0.0000e+00  
126 0.0000e+00 0.0000e+00 -2.7995e-03 -1.6448e-06 -2.6410e-05 0.0000e+00  
127 0.0000e+00 0.0000e+00 -2.8876e-03 -2.5647e-06 -2.7507e-05 0.0000e+00  
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303	0.0000e+00	0.0000e+00	4.8749e-04	-9.4799e-07	-1.4561e-06	0.0000e+00
304	0.0000e+00	0.0000e+00	4.5193e-04	-6.2614e-07	-1.4876e-06	0.0000e+00
305	0.0000e+00	0.0000e+00	5.4823e-04	4.2891e-07	1.8509e-06	0.0000e+00
306	0.0000e+00	0.0000e+00	5.7128e-04	5.8655e-07	1.6750e-06	0.0000e+00
307	0.0000e+00	0.0000e+00	5.9600e-04	5.1103e-07	1.5494e-06	0.0000e+00
308	0.0000e+00	0.0000e+00	6.1333e-04	2.5822e-07	1.4697e-06	0.0000e+00
309	0.0000e+00	0.0000e+00	6.1669e-04	-1.1184e-07	1.4407e-06	0.0000e+00
310	0.0000e+00	0.0000e+00	6.0256e-04	-5.2211e-07	1.4662e-06	0.0000e+00
311	0.0000e+00	0.0000e+00	5.7110e-04	-8.8515e-07	1.5479e-06	0.0000e+00
312	0.0000e+00	0.0000e+00	5.2644e-04	-1.1091e-06	1.6874e-06	0.0000e+00
313	0.0000e+00	0.0000e+00	4.7710e-04	-1.0828e-06	1.8981e-06	0.0000e+00
314	0.0000e+00	0.0000e+00	4.3861e-04	-6.0984e-07	2.0724e-06	0.0000e+00
315	0.0000e+00	0.0000e+00	4.0948e-04	5.5746e-07	4.5415e-06	0.0000e+00
316	0.0000e+00	0.0000e+00	4.3809e-04	7.1330e-07	4.4645e-06	0.0000e+00
317	0.0000e+00	0.0000e+00	4.6779e-04	6.0930e-07	4.3616e-06	0.0000e+00
318	0.0000e+00	0.0000e+00	4.8831e-04	3.0211e-07	4.2929e-06	0.0000e+00
319	0.0000e+00	0.0000e+00	4.9206e-04	-1.3985e-07	4.3038e-06	0.0000e+00
320	0.0000e+00	0.0000e+00	4.7502e-04	-6.2510e-07	4.4126e-06	0.0000e+00
321	0.0000e+00	0.0000e+00	4.3758e-04	-1.0516e-06	4.6077e-06	0.0000e+00
322	0.0000e+00	0.0000e+00	3.8461e-04	-1.3183e-06	4.8493e-06	0.0000e+00
323	0.0000e+00	0.0000e+00	3.2569e-04	-1.3112e-06	5.0790e-06	0.0000e+00
324	0.0000e+00	0.0000e+00	-5.5087e-03	4.7229e-06	-3.7768e-05	0.0000e+00
325	0.0000e+00	0.0000e+00	-5.2144e-03	8.4366e-06	-3.6012e-05	0.0000e+00
326	0.0000e+00	0.0000e+00	-6.7283e-03	8.5297e-06	-3.2714e-05	0.0000e+00
327	0.0000e+00	0.0000e+00	-4.8394e-03	8.5876e-06	-3.4000e-05	0.0000e+00
328	0.0000e+00	0.0000e+00	-6.3024e-03	8.8750e-06	-3.2557e-05	0.0000e+00
329	0.0000e+00	0.0000e+00	-4.5014e-03	6.7868e-06	-3.2485e-05	0.0000e+00
330	0.0000e+00	0.0000e+00	-5.9217e-03	7.1300e-06	-3.2201e-05	0.0000e+00
331	0.0000e+00	0.0000e+00	-4.2679e-03	3.8386e-06	-3.1511e-05	0.0000e+00
332	0.0000e+00	0.0000e+00	-5.6590e-03	4.0855e-06	-3.1871e-05	0.0000e+00
333	0.0000e+00	0.0000e+00	-4.1754e-03	3.7034e-07	-3.1142e-05	0.0000e+00
334	0.0000e+00	0.0000e+00	-5.5548e-03	4.3968e-07	-3.1714e-05	0.0000e+00
335	0.0000e+00	0.0000e+00	-4.2343e-03	-3.0452e-06	-3.1400e-05	0.0000e+00
336	0.0000e+00	0.0000e+00	-5.6209e-03	-3.1548e-06	-3.1780e-05	0.0000e+00
337	0.0000e+00	0.0000e+00	-4.4296e-03	-5.8373e-06	-3.2261e-05	0.0000e+00
338	0.0000e+00	0.0000e+00	-5.8412e-03	-6.0473e-06	-3.2022e-05	0.0000e+00
339	0.0000e+00	0.0000e+00	-4.7205e-03	-7.3845e-06	-3.3662e-05	0.0000e+00
340	0.0000e+00	0.0000e+00	-6.1704e-03	-7.5460e-06	-3.2296e-05	0.0000e+00
341	0.0000e+00	0.0000e+00	-5.0353e-03	-6.8907e-06	-3.5556e-05	0.0000e+00
342	0.0000e+00	0.0000e+00	-6.5319e-03	-6.8712e-06	-3.2379e-05	0.0000e+00
343	0.0000e+00	0.0000e+00	-5.2519e-03	-2.6968e-06	-3.7174e-05	0.0000e+00
344	0.0000e+00	0.0000e+00	-3.9154e-03	3.8808e-06	-3.4876e-05	0.0000e+00
345	0.0000e+00	0.0000e+00	-3.6914e-03	6.1056e-06	-3.3353e-05	0.0000e+00
346	0.0000e+00	0.0000e+00	-3.4073e-03	6.5164e-06	-3.1225e-05	0.0000e+00
347	0.0000e+00	0.0000e+00	-3.1433e-03	5.3000e-06	-2.9432e-05	0.0000e+00
348	0.0000e+00	0.0000e+00	-2.9575e-03	3.0445e-06	-2.8258e-05	0.0000e+00
349	0.0000e+00	0.0000e+00	-2.8830e-03	3.1435e-07	-2.7817e-05	0.0000e+00
350	0.0000e+00	0.0000e+00	-2.9290e-03	-2.3651e-06	-2.8136e-05	0.0000e+00
351	0.0000e+00	0.0000e+00	-3.0819e-03	-4.4708e-06	-2.9182e-05	0.0000e+00

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370 0.0000e+00 0.0000e+00 -9.1685e-04 1.5848e-06 -1.8162e-05 0.0000e+00  
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410 0.0000e+00 0.0000e+00 4.8230e-04 8.2907e-07 -1.4979e-06 0.0000e+00  
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415 0.0000e+00 0.0000e+00 6.6851e-04 2.0381e-08 -1.4666e-06 0.0000e+00  
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420 0.0000e+00 0.0000e+00 5.2465e-04 -4.2885e-07 -1.2878e-06 0.0000e+00  
421 0.0000e+00 0.0000e+00 4.6881e-04 8.1219e-07 2.0900e-06 0.0000e+00  
422 0.0000e+00 0.0000e+00 5.1590e-04 1.2720e-06 1.9203e-06 0.0000e+00  
423 0.0000e+00 0.0000e+00 5.7278e-04 1.2612e-06 1.7094e-06 0.0000e+00

424	0.0000e+00	0.0000e+00	6.2276e-04	9.7487e-07	1.5713e-06	0.0000e+00
425	0.0000e+00	0.0000e+00	6.5626e-04	5.2529e-07	1.4925e-06	0.0000e+00
426	0.0000e+00	0.0000e+00	6.6810e-04	6.4536e-09	1.4712e-06	0.0000e+00
427	0.0000e+00	0.0000e+00	6.5728e-04	-4.8832e-07	1.5063e-06	0.0000e+00
428	0.0000e+00	0.0000e+00	6.2686e-04	-8.7020e-07	1.5954e-06	0.0000e+00
429	0.0000e+00	0.0000e+00	5.8366e-04	-1.0589e-06	1.7364e-06	0.0000e+00
430	0.0000e+00	0.0000e+00	5.3809e-04	-9.6571e-07	1.9393e-06	0.0000e+00
431	0.0000e+00	0.0000e+00	5.0638e-04	-4.2591e-07	2.1009e-06	0.0000e+00
432	0.0000e+00	0.0000e+00	3.6283e-04	1.4905e-06	5.1323e-06	0.0000e+00
433	0.0000e+00	0.0000e+00	4.2876e-04	1.4564e-06	4.9275e-06	0.0000e+00
434	0.0000e+00	0.0000e+00	4.8633e-04	1.1229e-06	4.7176e-06	0.0000e+00
435	0.0000e+00	0.0000e+00	5.2490e-04	6.0519e-07	4.5618e-06	0.0000e+00
436	0.0000e+00	0.0000e+00	5.3852e-04	6.3592e-09	4.5008e-06	0.0000e+00
437	0.0000e+00	0.0000e+00	5.2596e-04	-5.6565e-07	4.5463e-06	0.0000e+00
438	0.0000e+00	0.0000e+00	4.9075e-04	-1.0077e-06	4.6792e-06	0.0000e+00
439	0.0000e+00	0.0000e+00	4.4069e-04	-1.2313e-06	4.8529e-06	0.0000e+00
440	0.0000e+00	0.0000e+00	3.8739e-04	-1.1477e-06	5.0040e-06	0.0000e+00
441	0.0000e+00	0.0000e+00	-5.2402e-03	2.6805e-06	-3.7106e-05	0.0000e+00
442	0.0000e+00	0.0000e+00	-5.0250e-03	6.8484e-06	-3.5495e-05	0.0000e+00
443	0.0000e+00	0.0000e+00	-6.5191e-03	6.8250e-06	-3.2329e-05	0.0000e+00
444	0.0000e+00	0.0000e+00	-4.7123e-03	7.3280e-06	-3.3612e-05	0.0000e+00
445	0.0000e+00	0.0000e+00	-6.1602e-03	7.4830e-06	-3.2252e-05	0.0000e+00
446	0.0000e+00	0.0000e+00	-4.4241e-03	5.7740e-06	-3.2223e-05	0.0000e+00
447	0.0000e+00	0.0000e+00	-5.8341e-03	5.9760e-06	-3.1987e-05	0.0000e+00
448	0.0000e+00	0.0000e+00	-4.2316e-03	2.9810e-06	-3.1375e-05	0.0000e+00
449	0.0000e+00	0.0000e+00	-5.6171e-03	3.0824e-06	-3.1753e-05	0.0000e+00
450	0.0000e+00	0.0000e+00	-4.1754e-03	-4.3019e-07	-3.1129e-05	0.0000e+00
451	0.0000e+00	0.0000e+00	-5.5541e-03	-5.0692e-07	-3.1696e-05	0.0000e+00
452	0.0000e+00	0.0000e+00	-4.2703e-03	-3.8888e-06	-3.1508e-05	0.0000e+00
453	0.0000e+00	0.0000e+00	-5.6611e-03	-4.1413e-06	-3.1860e-05	0.0000e+00
454	0.0000e+00	0.0000e+00	-4.5057e-03	-6.8217e-06	-3.2490e-05	0.0000e+00
455	0.0000e+00	0.0000e+00	-5.9261e-03	-7.1678e-06	-3.2196e-05	0.0000e+00
456	0.0000e+00	0.0000e+00	-4.8447e-03	-8.6004e-06	-3.4012e-05	0.0000e+00
457	0.0000e+00	0.0000e+00	-6.3080e-03	-8.8870e-06	-3.2554e-05	0.0000e+00
458	0.0000e+00	0.0000e+00	-5.2197e-03	-8.4188e-06	-3.6026e-05	0.0000e+00
459	0.0000e+00	0.0000e+00	-6.7338e-03	-8.5068e-06	-3.2711e-05	0.0000e+00
460	0.0000e+00	0.0000e+00	-5.5123e-03	-4.6621e-06	-3.7777e-05	0.0000e+00
461	0.0000e+00	0.0000e+00	-3.6824e-03	2.1772e-06	-3.3967e-05	0.0000e+00
462	0.0000e+00	0.0000e+00	-3.5272e-03	4.6911e-06	-3.2720e-05	0.0000e+00
463	0.0000e+00	0.0000e+00	-3.2985e-03	5.4027e-06	-3.0783e-05	0.0000e+00
464	0.0000e+00	0.0000e+00	-3.0780e-03	4.4208e-06	-2.9147e-05	0.0000e+00
465	0.0000e+00	0.0000e+00	-2.9273e-03	2.3138e-06	-2.8115e-05	0.0000e+00
466	0.0000e+00	0.0000e+00	-2.8835e-03	-3.6221e-07	-2.7808e-05	0.0000e+00
467	0.0000e+00	0.0000e+00	-2.9599e-03	-3.0844e-06	-2.8260e-05	0.0000e+00
468	0.0000e+00	0.0000e+00	-3.1472e-03	-5.3270e-06	-2.9443e-05	0.0000e+00
469	0.0000e+00	0.0000e+00	-3.4120e-03	-6.5246e-06	-3.1242e-05	0.0000e+00
470	0.0000e+00	0.0000e+00	-3.6959e-03	-6.0882e-06	-3.3371e-05	0.0000e+00
471	0.0000e+00	0.0000e+00	-3.9185e-03	-3.8318e-06	-3.4888e-05	0.0000e+00
472	0.0000e+00	0.0000e+00	-2.3307e-03	1.6898e-06	-2.7966e-05	0.0000e+00
473	0.0000e+00	0.0000e+00	-2.2212e-03	3.1881e-06	-2.7056e-05	0.0000e+00
474	0.0000e+00	0.0000e+00	-2.0648e-03	3.7352e-06	-2.5613e-05	0.0000e+00
475	0.0000e+00	0.0000e+00	-1.9098e-03	3.1400e-06	-2.4241e-05	0.0000e+00
476	0.0000e+00	0.0000e+00	-1.8019e-03	1.6629e-06	-2.3326e-05	0.0000e+00
477	0.0000e+00	0.0000e+00	-1.7708e-03	-2.8963e-07	-2.3052e-05	0.0000e+00
478	0.0000e+00	0.0000e+00	-1.8281e-03	-2.2845e-06	-2.3473e-05	0.0000e+00
479	0.0000e+00	0.0000e+00	-1.9659e-03	-3.8845e-06	-2.4545e-05	0.0000e+00
480	0.0000e+00	0.0000e+00	-2.1575e-03	-4.6688e-06	-2.6098e-05	0.0000e+00
481	0.0000e+00	0.0000e+00	-2.3599e-03	-4.3418e-06	-2.7766e-05	0.0000e+00
482	0.0000e+00	0.0000e+00	-2.5243e-03	-3.0192e-06	-2.8961e-05	0.0000e+00
483	0.0000e+00	0.0000e+00	-1.2580e-03	1.2596e-06	-2.1314e-05	0.0000e+00
484	0.0000e+00	0.0000e+00	-1.1818e-03	2.1445e-06	-2.0668e-05	0.0000e+00
485	0.0000e+00	0.0000e+00	-1.0770e-03	2.4952e-06	-1.9683e-05	0.0000e+00
486	0.0000e+00	0.0000e+00	-9.7257e-04	2.1238e-06	-1.8705e-05	0.0000e+00
487	0.0000e+00	0.0000e+00	-8.9902e-04	1.1319e-06	-1.8028e-05	0.0000e+00
488	0.0000e+00	0.0000e+00	-8.7820e-04	-2.1892e-07	-1.7830e-05	0.0000e+00
489	0.0000e+00	0.0000e+00	-9.1891e-04	-1.6065e-06	-1.8168e-05	0.0000e+00
490	0.0000e+00	0.0000e+00	-1.0155e-03	-2.7034e-06	-1.8996e-05	0.0000e+00
491	0.0000e+00	0.0000e+00	-1.1487e-03	-3.2304e-06	-2.0151e-05	0.0000e+00
492	0.0000e+00	0.0000e+00	-1.2897e-03	-3.0494e-06	-2.1353e-05	0.0000e+00
493	0.0000e+00	0.0000e+00	-1.4088e-03	-2.2855e-06	-2.2258e-05	0.0000e+00
494	0.0000e+00	0.0000e+00	-4.6789e-04	9.1396e-07	-1.5063e-05	0.0000e+00
495	0.0000e+00	0.0000e+00	-4.1485e-04	1.4545e-06	-1.4626e-05	0.0000e+00

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829 0.0000e+00 0.0000e+00 -5.5916e-04 5.1961e-09 -1.5884e-05 0.0000e+00  
830 0.0000e+00 0.0000e+00 4.6212e-05 -2.6191e-07 -9.8141e-06 0.0000e+00  
831 0.0000e+00 0.0000e+00 4.1176e-05 1.2757e-10 -9.8627e-06 0.0000e+00  
832 0.0000e+00 0.0000e+00 4.2955e-05 4.7772e-08 -9.8683e-06 0.0000e+00  
833 0.0000e+00 0.0000e+00 4.2820e-05 -6.9821e-08 -9.8939e-06 0.0000e+00  
834 0.0000e+00 0.0000e+00 3.6076e-05 -2.2900e-07 -9.9716e-06 0.0000e+00  
835 0.0000e+00 0.0000e+00 2.3876e-05 -2.9938e-07 -1.0086e-05 0.0000e+00  
836 0.0000e+00 0.0000e+00 1.2009e-05 -2.1072e-07 -1.0187e-05 0.0000e+00  
837 0.0000e+00 0.0000e+00 7.1484e-06 2.7499e-09 -1.0226e-05 0.0000e+00  
838 0.0000e+00 0.0000e+00 3.7199e-04 -1.5790e-07 -5.2424e-06 0.0000e+00  
839 0.0000e+00 0.0000e+00 3.7027e-04 5.2530e-08 -5.3413e-06 0.0000e+00  
840 0.0000e+00 0.0000e+00 3.7370e-04 7.8419e-08 -5.4038e-06 0.0000e+00  
841 0.0000e+00 0.0000e+00 3.7502e-04 -2.9716e-08 -5.4410e-06 0.0000e+00  
842 0.0000e+00 0.0000e+00 3.7044e-04 -1.7263e-07 -5.4654e-06 0.0000e+00  
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848 0.0000e+00 0.0000e+00 5.2498e-04 1.3557e-07 -1.6107e-06 0.0000e+00  
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850 0.0000e+00 0.0000e+00 5.2356e-04 -1.8560e-07 -1.6333e-06 0.0000e+00  
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856	0.0000e+00	0.0000e+00	5.2014e-04	1.9213e-07	1.8030e-06	0.0000e+00
857	0.0000e+00	0.0000e+00	5.2436e-04	-7.0146e-09	1.7829e-06	0.0000e+00
858	0.0000e+00	0.0000e+00	5.1897e-04	-2.3658e-07	1.8131e-06	0.0000e+00
859	0.0000e+00	0.0000e+00	5.0473e-04	-4.0097e-07	1.8958e-06	0.0000e+00
860	0.0000e+00	0.0000e+00	4.8690e-04	-3.8615e-07	2.0434e-06	0.0000e+00
861	0.0000e+00	0.0000e+00	4.7758e-04	-2.5464e-09	2.1625e-06	0.0000e+00
862	0.0000e+00	0.0000e+00	3.4405e-04	1.7176e-07	5.2007e-06	0.0000e+00
863	0.0000e+00	0.0000e+00	3.5526e-04	3.1505e-07	5.2396e-06	0.0000e+00
864	0.0000e+00	0.0000e+00	3.6730e-04	2.1682e-07	5.2372e-06	0.0000e+00
865	0.0000e+00	0.0000e+00	3.7187e-04	-1.7357e-08	5.2388e-06	0.0000e+00
866	0.0000e+00	0.0000e+00	3.6520e-04	-2.8563e-07	5.2666e-06	0.0000e+00
867	0.0000e+00	0.0000e+00	3.4815e-04	-4.8103e-07	5.3108e-06	0.0000e+00
868	0.0000e+00	0.0000e+00	3.2651e-04	-4.8403e-07	5.3359e-06	0.0000e+00
869	0.0000e+00	0.0000e+00	-5.4497e-03	3.5597e-06	-3.7336e-05	0.0000e+00
870	0.0000e+00	0.0000e+00	-7.0193e-03	3.1844e-06	-3.3925e-05	0.0000e+00
871	0.0000e+00	0.0000e+00	-5.2872e-03	3.8319e-06	-3.6084e-05	0.0000e+00
872	0.0000e+00	0.0000e+00	-6.8334e-03	3.6971e-06	-3.4246e-05	0.0000e+00
873	0.0000e+00	0.0000e+00	-5.1480e-03	2.5374e-06	-3.5282e-05	0.0000e+00
874	0.0000e+00	0.0000e+00	-6.6761e-03	2.5920e-06	-3.4286e-05	0.0000e+00
875	0.0000e+00	0.0000e+00	-5.0800e-03	5.7488e-07	-3.4920e-05	0.0000e+00
876	0.0000e+00	0.0000e+00	-6.5976e-03	7.5224e-07	-3.4186e-05	0.0000e+00
877	0.0000e+00	0.0000e+00	-5.0958e-03	-1.2900e-06	-3.5007e-05	0.0000e+00
878	0.0000e+00	0.0000e+00	-6.6116e-03	-9.8621e-07	-3.4001e-05	0.0000e+00
879	0.0000e+00	0.0000e+00	-5.1743e-03	-2.2939e-06	-3.5522e-05	0.0000e+00
880	0.0000e+00	0.0000e+00	-6.6956e-03	-1.7899e-06	-3.3670e-05	0.0000e+00
881	0.0000e+00	0.0000e+00	-5.2593e-03	-1.5428e-06	-3.6460e-05	0.0000e+00
882	0.0000e+00	0.0000e+00	-6.7905e-03	-7.8289e-07	-3.3045e-05	0.0000e+00
883	0.0000e+00	0.0000e+00	-3.8703e-03	2.0592e-06	-3.4589e-05	0.0000e+00
884	0.0000e+00	0.0000e+00	-3.7632e-03	2.5851e-06	-3.3328e-05	0.0000e+00
885	0.0000e+00	0.0000e+00	-3.6638e-03	1.8205e-06	-3.2367e-05	0.0000e+00
886	0.0000e+00	0.0000e+00	-3.6134e-03	4.4784e-07	-3.1944e-05	0.0000e+00
887	0.0000e+00	0.0000e+00	-3.6231e-03	-8.3584e-07	-3.2113e-05	0.0000e+00
888	0.0000e+00	0.0000e+00	-3.6742e-03	-1.3371e-06	-3.2798e-05	0.0000e+00
889	0.0000e+00	0.0000e+00	-3.7179e-03	-3.8936e-07	-3.3734e-05	0.0000e+00
890	0.0000e+00	0.0000e+00	-2.4852e-03	1.1603e-06	-2.8791e-05	0.0000e+00
891	0.0000e+00	0.0000e+00	-2.4222e-03	1.5687e-06	-2.7958e-05	0.0000e+00
892	0.0000e+00	0.0000e+00	-2.3600e-03	1.1679e-06	-2.7210e-05	0.0000e+00
893	0.0000e+00	0.0000e+00	-2.3265e-03	3.2882e-07	-2.6857e-05	0.0000e+00
894	0.0000e+00	0.0000e+00	-2.3299e-03	-4.3363e-07	-2.6983e-05	0.0000e+00
895	0.0000e+00	0.0000e+00	-2.3555e-03	-6.1104e-07	-2.7475e-05	0.0000e+00
896	0.0000e+00	0.0000e+00	-2.3692e-03	1.4104e-07	-2.7993e-05	0.0000e+00
897	0.0000e+00	0.0000e+00	-1.3753e-03	6.3548e-07	-2.2144e-05	0.0000e+00
898	0.0000e+00	0.0000e+00	-1.3400e-03	8.9111e-07	-2.1654e-05	0.0000e+00
899	0.0000e+00	0.0000e+00	-1.3038e-03	6.9049e-07	-2.1177e-05	0.0000e+00
900	0.0000e+00	0.0000e+00	-1.2832e-03	2.2536e-07	-2.0930e-05	0.0000e+00
901	0.0000e+00	0.0000e+00	-1.2830e-03	-1.7690e-07	-2.0983e-05	0.0000e+00
902	0.0000e+00	0.0000e+00	-1.2930e-03	-1.9714e-07	-2.1239e-05	0.0000e+00
903	0.0000e+00	0.0000e+00	-1.2921e-03	3.2841e-07	-2.1453e-05	0.0000e+00
904	0.0000e+00	0.0000e+00	-5.5089e-04	3.5101e-07	-1.5775e-05	0.0000e+00
905	0.0000e+00	0.0000e+00	-5.3119e-04	4.9956e-07	-1.5517e-05	0.0000e+00
906	0.0000e+00	0.0000e+00	-5.1065e-04	3.9409e-07	-1.5250e-05	0.0000e+00
907	0.0000e+00	0.0000e+00	-4.9864e-04	1.4019e-07	-1.5097e-05	0.0000e+00
908	0.0000e+00	0.0000e+00	-4.9747e-04	-6.3385e-08	-1.5097e-05	0.0000e+00
909	0.0000e+00	0.0000e+00	-5.0054e-04	-2.5648e-08	-1.5187e-05	0.0000e+00
910	0.0000e+00	0.0000e+00	-4.9490e-04	3.3409e-07	-1.5227e-05	0.0000e+00
911	0.0000e+00	0.0000e+00	1.2256e-05	2.1649e-07	-1.0183e-05	0.0000e+00
912	0.0000e+00	0.0000e+00	2.4390e-05	3.0567e-07	-1.0078e-05	0.0000e+00
913	0.0000e+00	0.0000e+00	3.6876e-05	2.3556e-07	-9.9598e-06	0.0000e+00
914	0.0000e+00	0.0000e+00	4.3902e-05	7.5907e-08	-9.8789e-06	0.0000e+00
915	0.0000e+00	0.0000e+00	4.4277e-05	-4.3214e-08	-9.8504e-06	0.0000e+00
916	0.0000e+00	0.0000e+00	4.2644e-05	1.7827e-09	-9.8427e-06	0.0000e+00
917	0.0000e+00	0.0000e+00	4.7691e-05	2.6034e-07	-9.7929e-06	0.0000e+00
918	0.0000e+00	0.0000e+00	3.5090e-04	1.8440e-07	-5.4620e-06	0.0000e+00
919	0.0000e+00	0.0000e+00	3.6100e-04	2.4902e-07	-5.4688e-06	0.0000e+00
920	0.0000e+00	0.0000e+00	3.7081e-04	1.7655e-07	-5.4573e-06	0.0000e+00
921	0.0000e+00	0.0000e+00	3.7556e-04	3.3532e-08	-5.4312e-06	0.0000e+00
922	0.0000e+00	0.0000e+00	3.7439e-04	-7.5703e-08	-5.3925e-06	0.0000e+00
923	0.0000e+00	0.0000e+00	3.7104e-04	-5.1919e-08	-5.3289e-06	0.0000e+00
924	0.0000e+00	0.0000e+00	3.7273e-04	1.5577e-07	-5.2292e-06	0.0000e+00
925	0.0000e+00	0.0000e+00	5.0028e-04	2.3841e-07	-1.4664e-06	0.0000e+00
926	0.0000e+00	0.0000e+00	5.1266e-04	2.9404e-07	-1.5670e-06	0.0000e+00
927	0.0000e+00	0.0000e+00	5.2364e-04	1.8825e-07	-1.6281e-06	0.0000e+00

928	0.0000e+00	0.0000e+00	5.2815e-04	1.2344e-08	-1.6405e-06	0.0000e+00
929	0.0000e+00	0.0000e+00	5.2530e-04	-1.3356e-07	-1.6045e-06	0.0000e+00
930	0.0000e+00	0.0000e+00	5.1853e-04	-1.5361e-07	-1.5156e-06	0.0000e+00
931	0.0000e+00	0.0000e+00	5.1515e-04	3.1482e-08	-1.3791e-06	0.0000e+00
932	0.0000e+00	0.0000e+00	4.8673e-04	3.8444e-07	2.0463e-06	0.0000e+00
933	0.0000e+00	0.0000e+00	5.0456e-04	4.0208e-07	1.8986e-06	0.0000e+00
934	0.0000e+00	0.0000e+00	5.1888e-04	2.3894e-07	1.8158e-06	0.0000e+00
935	0.0000e+00	0.0000e+00	5.2438e-04	9.6849e-09	1.7857e-06	0.0000e+00
936	0.0000e+00	0.0000e+00	5.2027e-04	-1.9001e-07	1.8056e-06	0.0000e+00
937	0.0000e+00	0.0000e+00	5.0987e-04	-2.6902e-07	1.8752e-06	0.0000e+00
938	0.0000e+00	0.0000e+00	5.0063e-04	-1.2571e-07	2.0058e-06	0.0000e+00
939	0.0000e+00	0.0000e+00	3.2627e-04	4.8248e-07	5.3361e-06	0.0000e+00
940	0.0000e+00	0.0000e+00	3.4790e-04	4.8222e-07	5.3112e-06	0.0000e+00
941	0.0000e+00	0.0000e+00	3.6504e-04	2.8799e-07	5.2672e-06	0.0000e+00
942	0.0000e+00	0.0000e+00	3.7182e-04	2.0101e-08	5.2394e-06	0.0000e+00
943	0.0000e+00	0.0000e+00	3.6736e-04	-2.1438e-07	5.2378e-06	0.0000e+00
944	0.0000e+00	0.0000e+00	3.5541e-04	-3.1381e-07	5.2399e-06	0.0000e+00
945	0.0000e+00	0.0000e+00	3.4420e-04	-1.7346e-07	5.2003e-06	0.0000e+00
946	0.0000e+00	0.0000e+00	-5.5868e-03	-1.3238e-06	-3.7158e-05	0.0000e+00
947	0.0000e+00	0.0000e+00	-7.1348e-03	-2.2428e-06	-3.3081e-05	0.0000e+00
948	0.0000e+00	0.0000e+00	-5.6136e-03	-6.3479e-08	-3.6740e-05	0.0000e+00
949	0.0000e+00	0.0000e+00	-7.1676e-03	-6.7499e-07	-3.3905e-05	0.0000e+00
950	0.0000e+00	0.0000e+00	-5.6146e-03	9.0103e-09	-3.6584e-05	0.0000e+00
951	0.0000e+00	0.0000e+00	-7.1735e-03	-2.5497e-07	-3.4339e-05	0.0000e+00
952	0.0000e+00	0.0000e+00	-5.6202e-03	-2.8930e-07	-3.6663e-05	0.0000e+00
953	0.0000e+00	0.0000e+00	-7.1828e-03	-2.2474e-07	-3.4427e-05	0.0000e+00
954	0.0000e+00	0.0000e+00	-5.6310e-03	-2.4941e-07	-3.6980e-05	0.0000e+00
955	0.0000e+00	0.0000e+00	-7.1961e-03	1.5687e-07	-3.4170e-05	0.0000e+00
956	0.0000e+00	0.0000e+00	-5.6181e-03	9.4707e-07	-3.7571e-05	0.0000e+00
957	0.0000e+00	0.0000e+00	-7.1849e-03	1.6487e-06	-3.3528e-05	0.0000e+00
958	0.0000e+00	0.0000e+00	-4.0086e-03	-1.8185e-06	-3.4705e-05	0.0000e+00
959	0.0000e+00	0.0000e+00	-4.0512e-03	-5.0672e-07	-3.4405e-05	0.0000e+00
960	0.0000e+00	0.0000e+00	-4.0614e-03	-1.0091e-07	-3.4187e-05	0.0000e+00
961	0.0000e+00	0.0000e+00	-4.0639e-03	-2.1196e-08	-3.4253e-05	0.0000e+00
962	0.0000e+00	0.0000e+00	-4.0590e-03	3.5989e-07	-3.4605e-05	0.0000e+00
963	0.0000e+00	0.0000e+00	-4.0233e-03	1.6220e-06	-3.5049e-05	0.0000e+00
964	0.0000e+00	0.0000e+00	-2.6145e-03	-1.7396e-06	-2.9072e-05	0.0000e+00
965	0.0000e+00	0.0000e+00	-2.6616e-03	-7.1138e-07	-2.9103e-05	0.0000e+00
966	0.0000e+00	0.0000e+00	-2.6778e-03	-1.6730e-07	-2.9035e-05	0.0000e+00
967	0.0000e+00	0.0000e+00	-2.6777e-03	1.7261e-07	-2.9085e-05	0.0000e+00
968	0.0000e+00	0.0000e+00	-2.6617e-03	6.9818e-07	-2.9256e-05	0.0000e+00
969	0.0000e+00	0.0000e+00	-2.6159e-03	1.6876e-06	-2.9335e-05	0.0000e+00
970	0.0000e+00	0.0000e+00	-1.4907e-03	-1.4203e-06	-2.2488e-05	0.0000e+00
971	0.0000e+00	0.0000e+00	-1.5319e-03	-6.7906e-07	-2.2683e-05	0.0000e+00
972	0.0000e+00	0.0000e+00	-1.5480e-03	-1.5921e-07	-2.2735e-05	0.0000e+00
973	0.0000e+00	0.0000e+00	-1.5460e-03	2.5770e-07	-2.2770e-05	0.0000e+00
974	0.0000e+00	0.0000e+00	-1.5263e-03	7.6392e-07	-2.2791e-05	0.0000e+00
975	0.0000e+00	0.0000e+00	-1.4823e-03	1.4759e-06	-2.2674e-05	0.0000e+00
976	0.0000e+00	0.0000e+00	-6.5128e-04	-1.0505e-06	-1.6115e-05	0.0000e+00
977	0.0000e+00	0.0000e+00	-6.8267e-04	-5.3042e-07	-1.6348e-05	0.0000e+00
978	0.0000e+00	0.0000e+00	-6.9513e-04	-1.0683e-07	-1.6448e-05	0.0000e+00
979	0.0000e+00	0.0000e+00	-6.9193e-04	2.6772e-07	-1.6470e-05	0.0000e+00
980	0.0000e+00	0.0000e+00	-6.7325e-04	6.8172e-07	-1.6417e-05	0.0000e+00
981	0.0000e+00	0.0000e+00	-6.3626e-04	1.1808e-06	-1.6235e-05	0.0000e+00
982	0.0000e+00	0.0000e+00	-7.4167e-05	-7.2470e-07	-1.0480e-05	0.0000e+00
983	0.0000e+00	0.0000e+00	-9.5752e-05	-3.5681e-07	-1.0690e-05	0.0000e+00
984	0.0000e+00	0.0000e+00	-1.0363e-04	-4.3262e-08	-1.0795e-05	0.0000e+00
985	0.0000e+00	0.0000e+00	-9.9677e-05	2.4165e-07	-1.0807e-05	0.0000e+00
986	0.0000e+00	0.0000e+00	-8.4012e-05	5.4881e-07	-1.0729e-05	0.0000e+00
987	0.0000e+00	0.0000e+00	-5.5052e-05	9.0252e-07	-1.0549e-05	0.0000e+00
988	0.0000e+00	0.0000e+00	2.7605e-04	-4.7257e-07	-5.6938e-06	0.0000e+00
989	0.0000e+00	0.0000e+00	2.6275e-04	-1.9648e-07	-5.8663e-06	0.0000e+00
990	0.0000e+00	0.0000e+00	2.5927e-04	1.6630e-08	-5.9626e-06	0.0000e+00
991	0.0000e+00	0.0000e+00	2.6361e-04	2.0085e-07	-5.9681e-06	0.0000e+00
992	0.0000e+00	0.0000e+00	2.7569e-04	4.0975e-07	-5.8835e-06	0.0000e+00
993	0.0000e+00	0.0000e+00	2.9731e-04	6.7654e-07	-5.7251e-06	0.0000e+00
994	0.0000e+00	0.0000e+00	4.3369e-04	-2.8460e-07	-1.6125e-06	0.0000e+00
995	0.0000e+00	0.0000e+00	4.2717e-04	-5.5230e-08	-1.7572e-06	0.0000e+00
996	0.0000e+00	0.0000e+00	4.2758e-04	6.9093e-08	-1.8397e-06	0.0000e+00
997	0.0000e+00	0.0000e+00	4.3206e-04	1.5508e-07	-1.8408e-06	0.0000e+00
998	0.0000e+00	0.0000e+00	4.4054e-04	2.7609e-07	-1.7605e-06	0.0000e+00
999	0.0000e+00	0.0000e+00	4.5574e-04	4.9856e-07	-1.6184e-06	0.0000e+00

1000	0.0000e+00	0.0000e+00	4.2409e-04	-1.2900e-07	2.0143e-06	0.0000e+00
1001	0.0000e+00	0.0000e+00	4.2282e-04	5.5062e-08	1.9190e-06	0.0000e+00
1002	0.0000e+00	0.0000e+00	4.2606e-04	1.0563e-07	1.8789e-06	0.0000e+00
1003	0.0000e+00	0.0000e+00	4.3052e-04	1.1760e-07	1.8806e-06	0.0000e+00
1004	0.0000e+00	0.0000e+00	4.3614e-04	1.6467e-07	1.9242e-06	0.0000e+00
1005	0.0000e+00	0.0000e+00	4.4604e-04	3.4082e-07	2.0239e-06	0.0000e+00
1006	0.0000e+00	0.0000e+00	2.6207e-04	-1.3973e-07	5.4482e-06	0.0000e+00
1007	0.0000e+00	0.0000e+00	2.6019e-04	4.4138e-08	5.5769e-06	0.0000e+00
1008	0.0000e+00	0.0000e+00	2.6307e-04	1.0016e-07	5.6371e-06	0.0000e+00
1009	0.0000e+00	0.0000e+00	2.6741e-04	1.1700e-07	5.6410e-06	0.0000e+00
1010	0.0000e+00	0.0000e+00	2.7314e-04	1.6881e-07	5.5890e-06	0.0000e+00
1011	0.0000e+00	0.0000e+00	2.8335e-04	3.4326e-07	5.4700e-06	0.0000e+00
1012	0.0000e+00	0.0000e+00	-5.6184e-03	-8.4699e-07	-3.7564e-05	0.0000e+00
1013	0.0000e+00	0.0000e+00	-7.1847e-03	-1.5351e-06	-3.3508e-05	0.0000e+00
1014	0.0000e+00	0.0000e+00	-5.6269e-03	3.7430e-07	-3.6950e-05	0.0000e+00
1015	0.0000e+00	0.0000e+00	-7.1905e-03	-1.5401e-08	-3.4134e-05	0.0000e+00
1016	0.0000e+00	0.0000e+00	-5.6108e-03	4.2517e-07	-3.6607e-05	0.0000e+00
1017	0.0000e+00	0.0000e+00	-7.1710e-03	3.7792e-07	-3.4373e-05	0.0000e+00
1018	0.0000e+00	0.0000e+00	-5.5998e-03	1.2350e-07	-3.6502e-05	0.0000e+00
1019	0.0000e+00	0.0000e+00	-7.1554e-03	4.0305e-07	-3.4269e-05	0.0000e+00
1020	0.0000e+00	0.0000e+00	-5.5939e-03	1.7679e-07	-3.6633e-05	0.0000e+00
1021	0.0000e+00	0.0000e+00	-7.1437e-03	7.9944e-07	-3.3821e-05	0.0000e+00
1022	0.0000e+00	0.0000e+00	-5.5633e-03	1.3990e-06	-3.7030e-05	0.0000e+00
1023	0.0000e+00	0.0000e+00	-7.1064e-03	2.3222e-06	-3.2987e-05	0.0000e+00
1024	0.0000e+00	0.0000e+00	-4.0238e-03	-1.5452e-06	-3.5046e-05	0.0000e+00
1025	0.0000e+00	0.0000e+00	-4.0561e-03	-2.6333e-07	-3.4579e-05	0.0000e+00
1026	0.0000e+00	0.0000e+00	-4.0569e-03	1.2679e-07	-3.4200e-05	0.0000e+00
1027	0.0000e+00	0.0000e+00	-4.0502e-03	2.0345e-07	-3.4107e-05	0.0000e+00
1028	0.0000e+00	0.0000e+00	-4.0362e-03	5.9272e-07	-3.4300e-05	0.0000e+00
1029	0.0000e+00	0.0000e+00	-3.9907e-03	1.8731e-06	-3.4579e-05	0.0000e+00
1030	0.0000e+00	0.0000e+00	-2.6166e-03	-1.6308e-06	-2.9332e-05	0.0000e+00
1031	0.0000e+00	0.0000e+00	-2.6598e-03	-6.2708e-07	-2.9234e-05	0.0000e+00
1032	0.0000e+00	0.0000e+00	-2.6729e-03	-9.4875e-08	-2.9039e-05	0.0000e+00
1033	0.0000e+00	0.0000e+00	-2.6699e-03	2.4237e-07	-2.8966e-05	0.0000e+00
1034	0.0000e+00	0.0000e+00	-2.6508e-03	7.7359e-07	-2.9012e-05	0.0000e+00
1035	0.0000e+00	0.0000e+00	-2.6017e-03	1.7789e-06	-2.8964e-05	0.0000e+00
1036	0.0000e+00	0.0000e+00	-1.4832e-03	-1.4357e-06	-2.2671e-05	0.0000e+00
1037	0.0000e+00	0.0000e+00	-1.5254e-03	-7.1386e-07	-2.2773e-05	0.0000e+00
1038	0.0000e+00	0.0000e+00	-1.5430e-03	-2.0309e-07	-2.2733e-05	0.0000e+00
1039	0.0000e+00	0.0000e+00	-1.5427e-03	2.1175e-07	-2.2680e-05	0.0000e+00
1040	0.0000e+00	0.0000e+00	-1.5247e-03	7.2245e-07	-2.2612e-05	0.0000e+00
1041	0.0000e+00	0.0000e+00	-1.4821e-03	1.4481e-06	-2.2404e-05	0.0000e+00
1042	0.0000e+00	0.0000e+00	-6.3723e-04	-1.1536e-06	-1.6233e-05	0.0000e+00
1043	0.0000e+00	0.0000e+00	-6.7299e-04	-6.4783e-07	-1.6403e-05	0.0000e+00
1044	0.0000e+00	0.0000e+00	-6.9023e-04	-2.3075e-07	-1.6443e-05	0.0000e+00
1045	0.0000e+00	0.0000e+00	-6.9196e-04	1.4237e-07	-1.6407e-05	0.0000e+00
1046	0.0000e+00	0.0000e+00	-6.7818e-04	5.5984e-07	-1.6295e-05	0.0000e+00
1047	0.0000e+00	0.0000e+00	-6.4580e-04	1.0697e-06	-1.6053e-05	0.0000e+00
1048	0.0000e+00	0.0000e+00	-5.6095e-05	-8.8499e-07	-1.0548e-05	0.0000e+00
1049	0.0000e+00	0.0000e+00	-8.4250e-05	-5.2664e-07	-1.0720e-05	0.0000e+00
1050	0.0000e+00	0.0000e+00	-9.8968e-05	-2.1730e-07	-1.0789e-05	0.0000e+00
1051	0.0000e+00	0.0000e+00	-1.0195e-04	6.6710e-08	-1.0767e-05	0.0000e+00
1052	0.0000e+00	0.0000e+00	-9.3197e-05	3.7624e-07	-1.0654e-05	0.0000e+00
1053	0.0000e+00	0.0000e+00	-7.0955e-05	7.3762e-07	-1.0438e-05	0.0000e+00
1054	0.0000e+00	0.0000e+00	2.9626e-04	-6.6593e-07	-5.7255e-06	0.0000e+00
1055	0.0000e+00	0.0000e+00	2.7514e-04	-3.9556e-07	-5.8783e-06	0.0000e+00
1056	0.0000e+00	0.0000e+00	2.6368e-04	-1.8491e-07	-5.9570e-06	0.0000e+00
1057	0.0000e+00	0.0000e+00	2.5997e-04	-1.2728e-09	-5.9455e-06	0.0000e+00
1058	0.0000e+00	0.0000e+00	2.6403e-04	2.0901e-07	-5.8436e-06	0.0000e+00
1059	0.0000e+00	0.0000e+00	2.7774e-04	4.8074e-07	-5.6665e-06	0.0000e+00
1060	0.0000e+00	0.0000e+00	4.5473e-04	-4.9271e-07	-1.6199e-06	0.0000e+00
1061	0.0000e+00	0.0000e+00	4.3984e-04	-2.6682e-07	-1.7586e-06	0.0000e+00
1062	0.0000e+00	0.0000e+00	4.3178e-04	-1.4416e-07	-1.8356e-06	0.0000e+00
1063	0.0000e+00	0.0000e+00	4.2774e-04	-5.8605e-08	-1.8313e-06	0.0000e+00
1064	0.0000e+00	0.0000e+00	4.2770e-04	6.3304e-08	-1.7456e-06	0.0000e+00
1065	0.0000e+00	0.0000e+00	4.3448e-04	2.8899e-07	-1.5978e-06	0.0000e+00
1066	0.0000e+00	0.0000e+00	4.4512e-04	-3.3768e-07	2.0216e-06	0.0000e+00
1067	0.0000e+00	0.0000e+00	4.3542e-04	-1.5779e-07	1.9231e-06	0.0000e+00
1068	0.0000e+00	0.0000e+00	4.3012e-04	-1.0923e-07	1.8811e-06	0.0000e+00
1069	0.0000e+00	0.0000e+00	4.2599e-04	-9.7498e-08	1.8809e-06	0.0000e+00
1070	0.0000e+00	0.0000e+00	4.2304e-04	-4.9026e-08	1.9221e-06	0.0000e+00
1071	0.0000e+00	0.0000e+00	4.2448e-04	1.3047e-07	2.0182e-06	0.0000e+00

1072	0.0000e+00	0.0000e+00	2.8260e-04	-3.4152e-07	5.4638e-06	0.0000e+00
1073	0.0000e+00	0.0000e+00	2.7254e-04	-1.6351e-07	5.5846e-06	0.0000e+00
1074	0.0000e+00	0.0000e+00	2.6707e-04	-1.1008e-07	5.6380e-06	0.0000e+00
1075	0.0000e+00	0.0000e+00	2.6301e-04	-9.3028e-08	5.6352e-06	0.0000e+00
1076	0.0000e+00	0.0000e+00	2.6040e-04	-3.8238e-08	5.5754e-06	0.0000e+00
1077	0.0000e+00	0.0000e+00	2.6245e-04	1.4226e-07	5.4462e-06	0.0000e+00
1078	0.0000e+00	0.0000e+00	-9.8452e-04	8.0661e-06	8.9518e-06	0.0000e+00
1079	0.0000e+00	0.0000e+00	-6.6928e-04	7.5986e-06	8.5626e-06	0.0000e+00
1080	0.0000e+00	0.0000e+00	-3.8555e-04	6.4960e-06	8.1048e-06	0.0000e+00
1081	0.0000e+00	0.0000e+00	-1.5435e-04	5.0179e-06	7.7169e-06	0.0000e+00
1082	0.0000e+00	0.0000e+00	1.4813e-05	3.4325e-06	7.4666e-06	0.0000e+00
1083	0.0000e+00	0.0000e+00	1.2197e-04	1.9497e-06	7.3764e-06	0.0000e+00
1084	0.0000e+00	0.0000e+00	1.7453e-04	7.2620e-07	7.4246e-06	0.0000e+00
1085	0.0000e+00	0.0000e+00	1.8516e-04	-1.3076e-07	7.5561e-06	0.0000e+00
1086	0.0000e+00	0.0000e+00	1.6995e-04	-5.5934e-07	7.6903e-06	0.0000e+00
1087	0.0000e+00	0.0000e+00	1.4678e-04	-5.2716e-07	7.7425e-06	0.0000e+00
1088	0.0000e+00	0.0000e+00	1.3402e-04	-6.0909e-08	7.7362e-06	0.0000e+00
1089	0.0000e+00	0.0000e+00	-1.4601e-03	8.5016e-06	1.2851e-05	0.0000e+00
1090	0.0000e+00	0.0000e+00	-1.1233e-03	8.2115e-06	1.2367e-05	0.0000e+00
1091	0.0000e+00	0.0000e+00	-8.1579e-04	7.0616e-06	1.1717e-05	0.0000e+00
1092	0.0000e+00	0.0000e+00	-5.6512e-04	5.4255e-06	1.1215e-05	0.0000e+00
1093	0.0000e+00	0.0000e+00	-3.8402e-04	3.6293e-06	1.0924e-05	0.0000e+00
1094	0.0000e+00	0.0000e+00	-2.7340e-04	1.9397e-06	1.0869e-05	0.0000e+00
1095	0.0000e+00	0.0000e+00	-2.2480e-04	5.5914e-07	1.1021e-05	0.0000e+00
1096	0.0000e+00	0.0000e+00	-2.2278e-04	-3.6719e-07	1.1310e-05	0.0000e+00
1097	0.0000e+00	0.0000e+00	-2.4726e-04	-7.5623e-07	1.1629e-05	0.0000e+00
1098	0.0000e+00	0.0000e+00	-2.7648e-04	-6.1327e-07	1.1871e-05	0.0000e+00
1099	0.0000e+00	0.0000e+00	-2.9137e-04	-8.3565e-08	1.1979e-05	0.0000e+00
1100	0.0000e+00	0.0000e+00	-2.1036e-03	8.9993e-06	1.6536e-05	0.0000e+00
1101	0.0000e+00	0.0000e+00	-1.7410e-03	8.9653e-06	1.6101e-05	0.0000e+00
1102	0.0000e+00	0.0000e+00	-1.4048e-03	7.7322e-06	1.5391e-05	0.0000e+00
1103	0.0000e+00	0.0000e+00	-1.1320e-03	5.8631e-06	1.4888e-05	0.0000e+00
1104	0.0000e+00	0.0000e+00	-9.3936e-04	3.7773e-06	1.4657e-05	0.0000e+00
1105	0.0000e+00	0.0000e+00	-8.2881e-04	1.8017e-06	1.4727e-05	0.0000e+00
1106	0.0000e+00	0.0000e+00	-7.9073e-04	1.8977e-07	1.5077e-05	0.0000e+00
1107	0.0000e+00	0.0000e+00	-8.0655e-04	-8.6316e-07	1.5632e-05	0.0000e+00
1108	0.0000e+00	0.0000e+00	-8.5115e-04	-1.2332e-06	1.6264e-05	0.0000e+00
1109	0.0000e+00	0.0000e+00	-8.9668e-04	-9.2497e-07	1.6796e-05	0.0000e+00
1110	0.0000e+00	0.0000e+00	-9.1929e-04	-1.4710e-07	1.7058e-05	0.0000e+00
1111	0.0000e+00	0.0000e+00	-2.9026e-03	9.4782e-06	1.9764e-05	0.0000e+00
1112	0.0000e+00	0.0000e+00	-2.5147e-03	9.7040e-06	1.9539e-05	0.0000e+00
1113	0.0000e+00	0.0000e+00	-2.1510e-03	8.3557e-06	1.8916e-05	0.0000e+00
1114	0.0000e+00	0.0000e+00	-1.8588e-03	6.2082e-06	1.8543e-05	0.0000e+00
1115	0.0000e+00	0.0000e+00	-1.6594e-03	3.7795e-06	1.8465e-05	0.0000e+00
1116	0.0000e+00	0.0000e+00	-1.5559e-03	1.4528e-06	1.8726e-05	0.0000e+00
1117	0.0000e+00	0.0000e+00	-1.5381e-03	-4.6911e-07	1.9320e-05	0.0000e+00
1118	0.0000e+00	0.0000e+00	-1.5848e-03	-1.7271e-06	2.0197e-05	0.0000e+00
1119	0.0000e+00	0.0000e+00	-1.6649e-03	-2.1107e-06	2.1224e-05	0.0000e+00
1120	0.0000e+00	0.0000e+00	-1.7413e-03	-1.5436e-06	2.2149e-05	0.0000e+00
1121	0.0000e+00	0.0000e+00	-1.7792e-03	-2.6809e-07	2.2622e-05	0.0000e+00
1122	0.0000e+00	0.0000e+00	-3.8316e-03	9.8559e-06	2.2175e-05	0.0000e+00
1123	0.0000e+00	0.0000e+00	-3.4240e-03	1.0265e-05	2.2321e-05	0.0000e+00
1124	0.0000e+00	0.0000e+00	-3.0403e-03	8.7752e-06	2.1920e-05	0.0000e+00
1125	0.0000e+00	0.0000e+00	-2.7369e-03	6.3470e-06	2.1791e-05	0.0000e+00
1126	0.0000e+00	0.0000e+00	-2.5387e-03	3.5742e-06	2.1925e-05	0.0000e+00
1127	0.0000e+00	0.0000e+00	-2.4508e-03	8.7278e-07	2.2379e-05	0.0000e+00
1128	0.0000e+00	0.0000e+00	-2.4635e-03	-1.4151e-06	2.3179e-05	0.0000e+00
1129	0.0000e+00	0.0000e+00	-2.5540e-03	-2.9671e-06	2.4310e-05	0.0000e+00
1130	0.0000e+00	0.0000e+00	-2.6863e-03	-3.4573e-06	2.5688e-05	0.0000e+00
1131	0.0000e+00	0.0000e+00	-2.8122e-03	-2.5900e-06	2.7090e-05	0.0000e+00
1132	0.0000e+00	0.0000e+00	-2.8761e-03	-4.5681e-07	2.7864e-05	0.0000e+00
1133	0.0000e+00	0.0000e+00	-4.8467e-03	1.0089e-05	2.3284e-05	0.0000e+00
1134	0.0000e+00	0.0000e+00	-4.4283e-03	1.0561e-05	2.3849e-05	0.0000e+00
1135	0.0000e+00	0.0000e+00	-4.0380e-03	8.8970e-06	2.3811e-05	0.0000e+00
1136	0.0000e+00	0.0000e+00	-3.7355e-03	6.2303e-06	2.3996e-05	0.0000e+00
1137	0.0000e+00	0.0000e+00	-3.5479e-03	3.1655e-06	2.4343e-05	0.0000e+00
1138	0.0000e+00	0.0000e+00	-3.4828e-03	1.1485e-07	2.4924e-05	0.0000e+00
1139	0.0000e+00	0.0000e+00	-3.5320e-03	-2.5472e-06	2.5781e-05	0.0000e+00
1140	0.0000e+00	0.0000e+00	-3.6726e-03	-4.4503e-06	2.6922e-05	0.0000e+00
1141	0.0000e+00	0.0000e+00	-3.8663e-03	-5.2015e-06	2.8311e-05	0.0000e+00
1142	0.0000e+00	0.0000e+00	-4.0576e-03	-4.2911e-06	2.9904e-05	0.0000e+00
1143	0.0000e+00	0.0000e+00	-4.1610e-03	-6.9378e-07	3.1027e-05	0.0000e+00



1144 0.0000e+00 0.0000e+00 -5.4538e-03 9.8425e-06 2.3140e-05 0.0000e+00  
1145 0.0000e+00 0.0000e+00 -5.0738e-03 8.1905e-06 2.3579e-05 0.0000e+00  
1146 0.0000e+00 0.0000e+00 -4.7856e-03 5.6235e-06 2.4047e-05 0.0000e+00  
1147 0.0000e+00 0.0000e+00 -4.6172e-03 2.5860e-06 2.4573e-05 0.0000e+00  
1148 0.0000e+00 0.0000e+00 -4.5783e-03 -4.9164e-07 2.5190e-05 0.0000e+00  
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1151 0.0000e+00 0.0000e+00 -5.0864e-03 -5.7044e-06 2.7427e-05 0.0000e+00  
1152 0.0000e+00 0.0000e+00 -5.3264e-03 -4.5586e-06 2.7979e-05 0.0000e+00  
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1154 0.0000e+00 0.0000e+00 1.7565e-04 7.9737e-07 7.7150e-06 0.0000e+00  
1155 0.0000e+00 0.0000e+00 2.0973e-04 7.0490e-07 7.5963e-06 0.0000e+00  
1156 0.0000e+00 0.0000e+00 2.3319e-04 3.2797e-07 7.5174e-06 0.0000e+00  
1157 0.0000e+00 0.0000e+00 2.3560e-04 -2.3059e-07 7.5644e-06 0.0000e+00  
1158 0.0000e+00 0.0000e+00 2.1182e-04 -8.3655e-07 7.7711e-06 0.0000e+00  
1159 0.0000e+00 0.0000e+00 1.6300e-04 -1.3442e-06 8.1134e-06 0.0000e+00  
1160 0.0000e+00 0.0000e+00 9.6589e-05 -1.6156e-06 8.5136e-06 0.0000e+00  
1161 0.0000e+00 0.0000e+00 2.5895e-05 -1.5220e-06 8.8641e-06 0.0000e+00  
1162 0.0000e+00 0.0000e+00 -3.0861e-05 -1.0001e-06 9.1824e-06 0.0000e+00  
1163 0.0000e+00 0.0000e+00 -2.7980e-04 5.8653e-07 1.1938e-05 0.0000e+00  
1164 0.0000e+00 0.0000e+00 -2.4446e-04 9.4874e-07 1.1746e-05 0.0000e+00  
1165 0.0000e+00 0.0000e+00 -2.0312e-04 8.5718e-07 1.1504e-05 0.0000e+00  
1166 0.0000e+00 0.0000e+00 -1.7520e-04 3.5978e-07 1.1360e-05 0.0000e+00  
1167 0.0000e+00 0.0000e+00 -1.7549e-04 -3.9124e-07 1.1432e-05 0.0000e+00  
1168 0.0000e+00 0.0000e+00 -2.1084e-04 -1.1957e-06 1.1765e-05 0.0000e+00  
1169 0.0000e+00 0.0000e+00 -2.7891e-04 -1.8412e-06 1.2327e-05 0.0000e+00  
1170 0.0000e+00 0.0000e+00 -3.6836e-04 -2.1391e-06 1.3017e-05 0.0000e+00  
1171 0.0000e+00 0.0000e+00 -4.6103e-04 -1.9791e-06 1.3695e-05 0.0000e+00  
1172 0.0000e+00 0.0000e+00 -5.3716e-04 -1.4220e-06 1.4269e-05 0.0000e+00  
1173 0.0000e+00 0.0000e+00 -9.0440e-04 7.8980e-07 1.6942e-05 0.0000e+00  
1174 0.0000e+00 0.0000e+00 -8.5645e-04 1.2904e-06 1.6525e-05 0.0000e+00  
1175 0.0000e+00 0.0000e+00 -8.0056e-04 1.1459e-06 1.6069e-05 0.0000e+00  
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1178 0.0000e+00 0.0000e+00 -8.2109e-04 -1.7523e-06 1.6380e-05 0.0000e+00  
1179 0.0000e+00 0.0000e+00 -9.1939e-04 -2.6403e-06 1.7228e-05 0.0000e+00  
1180 0.0000e+00 0.0000e+00 -1.0467e-03 -3.0309e-06 1.8309e-05 0.0000e+00  
1181 0.0000e+00 0.0000e+00 -1.1773e-03 -2.7836e-06 1.9405e-05 0.0000e+00  
1182 0.0000e+00 0.0000e+00 -1.2843e-03 -2.0090e-06 2.0262e-05 0.0000e+00  
1183 0.0000e+00 0.0000e+00 -1.7572e-03 1.2019e-06 2.2393e-05 0.0000e+00  
1184 0.0000e+00 0.0000e+00 -1.6856e-03 1.9028e-06 2.1670e-05 0.0000e+00  
1185 0.0000e+00 0.0000e+00 -1.6049e-03 1.6243e-06 2.0958e-05 0.0000e+00  
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1187 0.0000e+00 0.0000e+00 -1.5629e-03 -9.5185e-07 2.0671e-05 0.0000e+00  
1188 0.0000e+00 0.0000e+00 -1.6402e-03 -2.5355e-06 2.1310e-05 0.0000e+00  
1189 0.0000e+00 0.0000e+00 -1.7816e-03 -3.8025e-06 2.2456e-05 0.0000e+00  
1190 0.0000e+00 0.0000e+00 -1.9647e-03 -4.3765e-06 2.3972e-05 0.0000e+00  
1191 0.0000e+00 0.0000e+00 -2.1526e-03 -3.9941e-06 2.5559e-05 0.0000e+00  
1192 0.0000e+00 0.0000e+00 -2.3034e-03 -2.7570e-06 2.6733e-05 0.0000e+00  
1193 0.0000e+00 0.0000e+00 -2.8408e-03 1.9153e-06 2.7434e-05 0.0000e+00  
1194 0.0000e+00 0.0000e+00 -2.7314e-03 2.8070e-06 2.6357e-05 0.0000e+00  
1195 0.0000e+00 0.0000e+00 -2.6160e-03 2.2638e-06 2.5465e-05 0.0000e+00  
1196 0.0000e+00 0.0000e+00 -2.5481e-03 7.2322e-07 2.5027e-05 0.0000e+00  
1197 0.0000e+00 0.0000e+00 -2.5612e-03 -1.3545e-06 2.5164e-05 0.0000e+00  
1198 0.0000e+00 0.0000e+00 -2.6688e-03 -3.5141e-06 2.5917e-05 0.0000e+00  
1199 0.0000e+00 0.0000e+00 -2.8646e-03 -5.2885e-06 2.7264e-05 0.0000e+00  
1200 0.0000e+00 0.0000e+00 -3.1207e-03 -6.1798e-06 2.9107e-05 0.0000e+00  
1201 0.0000e+00 0.0000e+00 -3.3873e-03 -5.6798e-06 3.1197e-05 0.0000e+00  
1202 0.0000e+00 0.0000e+00 -3.5960e-03 -3.6300e-06 3.2729e-05 0.0000e+00  
1203 0.0000e+00 0.0000e+00 -4.1030e-03 3.1258e-06 3.0344e-05 0.0000e+00  
1204 0.0000e+00 0.0000e+00 -3.9471e-03 3.9202e-06 2.9279e-05 0.0000e+00  
1205 0.0000e+00 0.0000e+00 -3.7956e-03 2.9563e-06 2.8553e-05 0.0000e+00  
1206 0.0000e+00 0.0000e+00 -3.7113e-03 8.6802e-07 2.8260e-05 0.0000e+00  
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1209 0.0000e+00 0.0000e+00 -4.1270e-03 -6.9451e-06 3.0549e-05 0.0000e+00  
1210 0.0000e+00 0.0000e+00 -4.4626e-03 -8.3049e-06 3.2307e-05 0.0000e+00  
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1212 0.0000e+00 0.0000e+00 -5.1023e-03 -4.5837e-06 3.6292e-05 0.0000e+00  
1213 0.0000e+00 0.0000e+00 -5.3969e-03 2.6250e-06 2.8707e-05 0.0000e+00  
1214 0.0000e+00 0.0000e+00 -5.2191e-03 3.6475e-06 2.8850e-05 0.0000e+00  
1215 0.0000e+00 0.0000e+00 -5.0513e-03 2.7250e-06 2.8874e-05 0.0000e+00

1216	0.0000e+00	0.0000e+00	-4.9631e-03	5.2520e-07	2.9006e-05	0.0000e+00
1217	0.0000e+00	0.0000e+00	-4.9965e-03	-2.3459e-06	2.9368e-05	0.0000e+00
1218	0.0000e+00	0.0000e+00	-5.1683e-03	-5.3075e-06	2.9999e-05	0.0000e+00
1219	0.0000e+00	0.0000e+00	-5.4699e-03	-7.7661e-06	3.0863e-05	0.0000e+00
1220	0.0000e+00	0.0000e+00	-5.8663e-03	-9.0779e-06	3.1839e-05	0.0000e+00
1221	0.0000e+00	0.0000e+00	-6.2925e-03	-8.5094e-06	3.2691e-05	0.0000e+00
1222	0.0000e+00	0.0000e+00	-3.7795e-06	1.1701e-06	9.2409e-06	0.0000e+00
1223	0.0000e+00	0.0000e+00	5.9910e-05	1.6676e-06	8.9565e-06	0.0000e+00
1224	0.0000e+00	0.0000e+00	1.3595e-04	1.7117e-06	8.6571e-06	0.0000e+00
1225	0.0000e+00	0.0000e+00	2.0490e-04	1.3634e-06	8.3206e-06	0.0000e+00
1226	0.0000e+00	0.0000e+00	2.5228e-04	7.5284e-07	8.0568e-06	0.0000e+00
1227	0.0000e+00	0.0000e+00	2.6956e-04	2.1068e-08	7.9451e-06	0.0000e+00
1228	0.0000e+00	0.0000e+00	2.5473e-04	-6.7920e-07	8.0094e-06	0.0000e+00
1229	0.0000e+00	0.0000e+00	2.1248e-04	-1.2006e-06	8.2142e-06	0.0000e+00
1230	0.0000e+00	0.0000e+00	1.5358e-04	-1.4188e-06	8.4699e-06	0.0000e+00
1231	0.0000e+00	0.0000e+00	9.3671e-05	-1.2345e-06	8.6588e-06	0.0000e+00
1232	0.0000e+00	0.0000e+00	5.1829e-05	-6.2027e-07	8.7944e-06	0.0000e+00
1233	0.0000e+00	0.0000e+00	-5.1352e-04	1.5572e-06	1.4369e-05	0.0000e+00
1234	0.0000e+00	0.0000e+00	-4.3237e-04	2.0715e-06	1.3850e-05	0.0000e+00
1235	0.0000e+00	0.0000e+00	-3.3709e-04	2.1647e-06	1.3247e-05	0.0000e+00
1236	0.0000e+00	0.0000e+00	-2.4860e-04	1.7719e-06	1.2656e-05	0.0000e+00
1237	0.0000e+00	0.0000e+00	-1.8631e-04	1.0033e-06	1.2215e-05	0.0000e+00
1238	0.0000e+00	0.0000e+00	-1.6272e-04	5.2014e-08	1.2030e-05	0.0000e+00
1239	0.0000e+00	0.0000e+00	-1.8103e-04	-8.6090e-07	1.2132e-05	0.0000e+00
1240	0.0000e+00	0.0000e+00	-2.3473e-04	-1.5199e-06	1.2474e-05	0.0000e+00
1241	0.0000e+00	0.0000e+00	-3.0856e-04	-1.7499e-06	1.2935e-05	0.0000e+00
1242	0.0000e+00	0.0000e+00	-3.8143e-04	-1.4738e-06	1.3359e-05	0.0000e+00
1243	0.0000e+00	0.0000e+00	-4.3254e-04	-8.0513e-07	1.3649e-05	0.0000e+00
1244	0.0000e+00	0.0000e+00	-1.2663e-03	2.0880e-06	2.0420e-05	0.0000e+00
1245	0.0000e+00	0.0000e+00	-1.1572e-03	2.7993e-06	1.9643e-05	0.0000e+00
1246	0.0000e+00	0.0000e+00	-1.0279e-03	2.9553e-06	1.8652e-05	0.0000e+00
1247	0.0000e+00	0.0000e+00	-9.0658e-04	2.4424e-06	1.7706e-05	0.0000e+00
1248	0.0000e+00	0.0000e+00	-8.2037e-04	1.4015e-06	1.7028e-05	0.0000e+00
1249	0.0000e+00	0.0000e+00	-7.8682e-04	1.0077e-07	1.6749e-05	0.0000e+00
1250	0.0000e+00	0.0000e+00	-8.1064e-04	-1.1528e-06	1.6907e-05	0.0000e+00
1251	0.0000e+00	0.0000e+00	-8.8306e-04	-2.0570e-06	1.7446e-05	0.0000e+00
1252	0.0000e+00	0.0000e+00	-9.8286e-04	-2.3611e-06	1.8211e-05	0.0000e+00
1253	0.0000e+00	0.0000e+00	-1.0805e-03	-1.9605e-06	1.8957e-05	0.0000e+00
1254	0.0000e+00	0.0000e+00	-1.1477e-03	-1.0350e-06	1.9415e-05	0.0000e+00
1255	0.0000e+00	0.0000e+00	-2.2938e-03	2.7550e-06	2.6963e-05	0.0000e+00
1256	0.0000e+00	0.0000e+00	-2.1450e-03	3.9045e-06	2.5897e-05	0.0000e+00
1257	0.0000e+00	0.0000e+00	-1.9637e-03	4.1649e-06	2.4448e-05	0.0000e+00
1258	0.0000e+00	0.0000e+00	-1.7933e-03	3.4326e-06	2.3109e-05	0.0000e+00
1259	0.0000e+00	0.0000e+00	-1.6725e-03	1.9731e-06	2.2181e-05	0.0000e+00
1260	0.0000e+00	0.0000e+00	-1.6248e-03	1.6881e-07	2.1807e-05	0.0000e+00
1261	0.0000e+00	0.0000e+00	-1.6566e-03	-1.5786e-06	2.2020e-05	0.0000e+00
1262	0.0000e+00	0.0000e+00	-1.7567e-03	-2.8712e-06	2.2767e-05	0.0000e+00
1263	0.0000e+00	0.0000e+00	-1.8966e-03	-3.3392e-06	2.3882e-05	0.0000e+00
1264	0.0000e+00	0.0000e+00	-2.0345e-03	-2.7520e-06	2.5032e-05	0.0000e+00
1265	0.0000e+00	0.0000e+00	-2.1254e-03	-1.2939e-06	2.5695e-05	0.0000e+00
1266	0.0000e+00	0.0000e+00	-3.5982e-03	3.5191e-06	3.3041e-05	0.0000e+00
1267	0.0000e+00	0.0000e+00	-3.3968e-03	5.4536e-06	3.1647e-05	0.0000e+00
1268	0.0000e+00	0.0000e+00	-3.1436e-03	5.7952e-06	2.9729e-05	0.0000e+00
1269	0.0000e+00	0.0000e+00	-2.9088e-03	4.7030e-06	2.8102e-05	0.0000e+00
1270	0.0000e+00	0.0000e+00	-2.7441e-03	2.6887e-06	2.7018e-05	0.0000e+00
1271	0.0000e+00	0.0000e+00	-2.6787e-03	2.5817e-07	2.6580e-05	0.0000e+00
1272	0.0000e+00	0.0000e+00	-2.7202e-03	-2.1067e-06	2.6813e-05	0.0000e+00
1273	0.0000e+00	0.0000e+00	-2.8553e-03	-3.9258e-06	2.7675e-05	0.0000e+00
1274	0.0000e+00	0.0000e+00	-3.0492e-03	-4.7001e-06	2.9044e-05	0.0000e+00
1275	0.0000e+00	0.0000e+00	-3.2452e-03	-3.9358e-06	3.0639e-05	0.0000e+00
1276	0.0000e+00	0.0000e+00	-3.3697e-03	-1.5542e-06	3.1573e-05	0.0000e+00
1277	0.0000e+00	0.0000e+00	-5.1199e-03	4.3376e-06	3.6688e-05	0.0000e+00
1278	0.0000e+00	0.0000e+00	-4.8532e-03	7.5867e-06	3.5013e-05	0.0000e+00
1279	0.0000e+00	0.0000e+00	-4.5158e-03	7.7148e-06	3.3073e-05	0.0000e+00
1280	0.0000e+00	0.0000e+00	-4.2116e-03	6.1081e-06	3.1562e-05	0.0000e+00
1281	0.0000e+00	0.0000e+00	-4.0009e-03	3.4683e-06	3.0559e-05	0.0000e+00
1282	0.0000e+00	0.0000e+00	-3.9165e-03	3.6661e-07	3.0134e-05	0.0000e+00
1283	0.0000e+00	0.0000e+00	-3.9671e-03	-2.6621e-06	3.0308e-05	0.0000e+00
1284	0.0000e+00	0.0000e+00	-4.1376e-03	-5.0841e-06	3.1047e-05	0.0000e+00
1285	0.0000e+00	0.0000e+00	-4.3890e-03	-6.3321e-06	3.2267e-05	0.0000e+00
1286	0.0000e+00	0.0000e+00	-4.6548e-03	-5.7094e-06	3.3875e-05	0.0000e+00
1287	0.0000e+00	0.0000e+00	-4.8247e-03	-1.7837e-06	3.5139e-05	0.0000e+00

1288	0.0000e+00	0.0000e+00	-6.3508e-03	7.9010e-06	3.3351e-05	0.0000e+00
1289	0.0000e+00	0.0000e+00	-5.9555e-03	8.2355e-06	3.2726e-05	0.0000e+00
1290	0.0000e+00	0.0000e+00	-5.6017e-03	6.6394e-06	3.2011e-05	0.0000e+00
1291	0.0000e+00	0.0000e+00	-5.3562e-03	3.8523e-06	3.1444e-05	0.0000e+00
1292	0.0000e+00	0.0000e+00	-5.2559e-03	5.2989e-07	3.1146e-05	0.0000e+00
1293	0.0000e+00	0.0000e+00	-5.3105e-03	-2.7140e-06	3.1153e-05	0.0000e+00
1294	0.0000e+00	0.0000e+00	-5.5035e-03	-5.2671e-06	3.1418e-05	0.0000e+00
1295	0.0000e+00	0.0000e+00	-5.7911e-03	-6.4778e-06	3.1808e-05	0.0000e+00
1296	0.0000e+00	0.0000e+00	-6.0998e-03	-5.6149e-06	3.2073e-05	0.0000e+00
1297	0.0000e+00	0.0000e+00	5.1787e-05	6.1427e-07	8.7928e-06	0.0000e+00
1298	0.0000e+00	0.0000e+00	9.3390e-05	1.2307e-06	8.6547e-06	0.0000e+00
1299	0.0000e+00	0.0000e+00	1.5319e-04	1.4174e-06	8.4664e-06	0.0000e+00
1300	0.0000e+00	0.0000e+00	2.1205e-04	1.2003e-06	8.2111e-06	0.0000e+00
1301	0.0000e+00	0.0000e+00	2.5430e-04	6.7956e-07	8.0063e-06	0.0000e+00
1302	0.0000e+00	0.0000e+00	2.6916e-04	-2.0315e-08	7.9419e-06	0.0000e+00
1303	0.0000e+00	0.0000e+00	2.5192e-04	-7.5179e-07	8.0535e-06	0.0000e+00
1304	0.0000e+00	0.0000e+00	2.0459e-04	-1.3622e-06	8.3172e-06	0.0000e+00
1305	0.0000e+00	0.0000e+00	1.3569e-04	-1.7107e-06	8.6538e-06	0.0000e+00
1306	0.0000e+00	0.0000e+00	5.9666e-05	-1.6680e-06	8.9539e-06	0.0000e+00
1307	0.0000e+00	0.0000e+00	-4.1279e-06	-1.1737e-06	9.2364e-06	0.0000e+00
1308	0.0000e+00	0.0000e+00	-4.3249e-04	8.0154e-07	1.3647e-05	0.0000e+00
1309	0.0000e+00	0.0000e+00	-3.8154e-04	1.4705e-06	1.3355e-05	0.0000e+00
1310	0.0000e+00	0.0000e+00	-3.0878e-04	1.7481e-06	1.2931e-05	0.0000e+00
1311	0.0000e+00	0.0000e+00	-2.3500e-04	1.5193e-06	1.2471e-05	0.0000e+00
1312	0.0000e+00	0.0000e+00	-1.8131e-04	8.6102e-07	1.2129e-05	0.0000e+00
1313	0.0000e+00	0.0000e+00	-1.6298e-04	-5.1415e-08	1.2027e-05	0.0000e+00
1314	0.0000e+00	0.0000e+00	-1.8655e-04	-1.0024e-06	1.2212e-05	0.0000e+00
1315	0.0000e+00	0.0000e+00	-2.4879e-04	-1.7709e-06	1.2653e-05	0.0000e+00
1316	0.0000e+00	0.0000e+00	-3.3725e-04	-2.1641e-06	1.3246e-05	0.0000e+00
1317	0.0000e+00	0.0000e+00	-4.3253e-04	-2.0718e-06	1.3849e-05	0.0000e+00
1318	0.0000e+00	0.0000e+00	-5.1371e-04	-1.5582e-06	1.4366e-05	0.0000e+00
1319	0.0000e+00	0.0000e+00	-1.1475e-03	1.0326e-06	1.9412e-05	0.0000e+00
1320	0.0000e+00	0.0000e+00	-1.0805e-03	1.9579e-06	1.8953e-05	0.0000e+00
1321	0.0000e+00	0.0000e+00	-9.8289e-04	2.3591e-06	1.8206e-05	0.0000e+00
1322	0.0000e+00	0.0000e+00	-8.8315e-04	2.0559e-06	1.7442e-05	0.0000e+00
1323	0.0000e+00	0.0000e+00	-8.1077e-04	1.1524e-06	1.6904e-05	0.0000e+00
1324	0.0000e+00	0.0000e+00	-7.8695e-04	-1.0069e-07	1.6746e-05	0.0000e+00
1325	0.0000e+00	0.0000e+00	-8.2049e-04	-1.4011e-06	1.7025e-05	0.0000e+00
1326	0.0000e+00	0.0000e+00	-9.0669e-04	-2.4419e-06	1.7704e-05	0.0000e+00
1327	0.0000e+00	0.0000e+00	-1.0280e-03	-2.9551e-06	1.8651e-05	0.0000e+00
1328	0.0000e+00	0.0000e+00	-1.1573e-03	-2.7991e-06	1.9642e-05	0.0000e+00
1329	0.0000e+00	0.0000e+00	-1.2664e-03	-2.0875e-06	2.0418e-05	0.0000e+00
1330	0.0000e+00	0.0000e+00	-2.1250e-03	1.2920e-06	2.5690e-05	0.0000e+00
1331	0.0000e+00	0.0000e+00	-2.0342e-03	2.7495e-06	2.5027e-05	0.0000e+00
1332	0.0000e+00	0.0000e+00	-1.8965e-03	3.3370e-06	2.3877e-05	0.0000e+00
1333	0.0000e+00	0.0000e+00	-1.7566e-03	2.8696e-06	2.2762e-05	0.0000e+00
1334	0.0000e+00	0.0000e+00	-1.6566e-03	1.5776e-06	2.2016e-05	0.0000e+00
1335	0.0000e+00	0.0000e+00	-1.6248e-03	-1.6936e-07	2.1803e-05	0.0000e+00
1336	0.0000e+00	0.0000e+00	-1.6725e-03	-1.9733e-06	2.2179e-05	0.0000e+00
1337	0.0000e+00	0.0000e+00	-1.7934e-03	-3.4327e-06	2.3107e-05	0.0000e+00
1338	0.0000e+00	0.0000e+00	-1.9637e-03	-4.1648e-06	2.4446e-05	0.0000e+00
1339	0.0000e+00	0.0000e+00	-2.1450e-03	-3.9040e-06	2.5895e-05	0.0000e+00
1340	0.0000e+00	0.0000e+00	-2.2938e-03	-2.7535e-06	2.6961e-05	0.0000e+00
1341	0.0000e+00	0.0000e+00	-3.3690e-03	1.5522e-06	3.1567e-05	0.0000e+00
1342	0.0000e+00	0.0000e+00	-3.2447e-03	3.9331e-06	3.0633e-05	0.0000e+00
1343	0.0000e+00	0.0000e+00	-3.0488e-03	4.6974e-06	2.9039e-05	0.0000e+00
1344	0.0000e+00	0.0000e+00	-2.8550e-03	3.9236e-06	2.7670e-05	0.0000e+00
1345	0.0000e+00	0.0000e+00	-2.7200e-03	2.1051e-06	2.6808e-05	0.0000e+00
1346	0.0000e+00	0.0000e+00	-2.6785e-03	-2.5930e-07	2.6576e-05	0.0000e+00
1347	0.0000e+00	0.0000e+00	-2.7440e-03	-2.6895e-06	2.7014e-05	0.0000e+00
1348	0.0000e+00	0.0000e+00	-2.9087e-03	-4.7035e-06	2.8099e-05	0.0000e+00
1349	0.0000e+00	0.0000e+00	-3.1435e-03	-5.7954e-06	2.9726e-05	0.0000e+00
1350	0.0000e+00	0.0000e+00	-3.3968e-03	-5.4532e-06	3.1645e-05	0.0000e+00
1351	0.0000e+00	0.0000e+00	-3.5980e-03	-3.5169e-06	3.3038e-05	0.0000e+00
1352	0.0000e+00	0.0000e+00	-4.8238e-03	1.7813e-06	3.5132e-05	0.0000e+00
1353	0.0000e+00	0.0000e+00	-4.6540e-03	5.7061e-06	3.3868e-05	0.0000e+00
1354	0.0000e+00	0.0000e+00	-4.3883e-03	6.3289e-06	3.2261e-05	0.0000e+00
1355	0.0000e+00	0.0000e+00	-4.1371e-03	5.0814e-06	3.1041e-05	0.0000e+00
1356	0.0000e+00	0.0000e+00	-3.9666e-03	2.6600e-06	3.0303e-05	0.0000e+00
1357	0.0000e+00	0.0000e+00	-3.9162e-03	-3.6818e-07	3.0130e-05	0.0000e+00
1358	0.0000e+00	0.0000e+00	-4.0006e-03	-3.4694e-06	3.0554e-05	0.0000e+00
1359	0.0000e+00	0.0000e+00	-4.2113e-03	-6.1088e-06	3.1558e-05	0.0000e+00

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1495 0.0000e+00 0.0000e+00 -3.4385e-03 -1.0316e-05 2.2393e-05 0.0000e+00  
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1497 0.0000e+00 0.0000e+00 -4.0681e-03 4.2865e-06 2.9969e-05 0.0000e+00  
1498 0.0000e+00 0.0000e+00 -3.8770e-03 5.2006e-06 2.8376e-05 0.0000e+00  
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1578	0.0000e+00	0.0000e+00	-2.4373e-03	-1.9633e-07	2.7213e-05	0.0000e+00
1579	0.0000e+00	0.0000e+00	-2.4392e-03	1.0324e-07	2.7185e-05	0.0000e+00
1580	0.0000e+00	0.0000e+00	-2.4267e-03	5.8276e-07	2.7233e-05	0.0000e+00
1581	0.0000e+00	0.0000e+00	-2.3869e-03	1.4902e-06	2.7183e-05	0.0000e+00
1582	0.0000e+00	0.0000e+00	-3.6974e-03	-1.5422e-06	3.3250e-05	0.0000e+00
1583	0.0000e+00	0.0000e+00	-3.7333e-03	-4.2334e-07	3.2919e-05	0.0000e+00
1584	0.0000e+00	0.0000e+00	-3.7413e-03	-6.1077e-08	3.2651e-05	0.0000e+00
1585	0.0000e+00	0.0000e+00	-3.7417e-03	4.2066e-08	3.2612e-05	0.0000e+00
1586	0.0000e+00	0.0000e+00	-3.7341e-03	4.2443e-07	3.2798e-05	0.0000e+00
1587	0.0000e+00	0.0000e+00	-3.6973e-03	1.5844e-06	3.3038e-05	0.0000e+00
1588	0.0000e+00	0.0000e+00	-5.2233e-03	-1.0216e-06	3.6580e-05	0.0000e+00
1589	0.0000e+00	0.0000e+00	-5.2415e-03	6.1906e-08	3.6095e-05	0.0000e+00
1590	0.0000e+00	0.0000e+00	-5.2372e-03	1.4517e-07	3.5830e-05	0.0000e+00
1591	0.0000e+00	0.0000e+00	-5.2356e-03	-6.6777e-08	3.5779e-05	0.0000e+00
1592	0.0000e+00	0.0000e+00	-5.2362e-03	4.3688e-08	3.5939e-05	0.0000e+00
1593	0.0000e+00	0.0000e+00	-5.2127e-03	1.1816e-06	3.6310e-05	0.0000e+00
1594	0.0000e+00	0.0000e+00	-6.7781e-03	-1.6500e-06	3.4376e-05	0.0000e+00
1595	0.0000e+00	0.0000e+00	-6.7927e-03	-2.6005e-07	3.4764e-05	0.0000e+00
1596	0.0000e+00	0.0000e+00	-6.7844e-03	9.5108e-08	3.4874e-05	0.0000e+00
1597	0.0000e+00	0.0000e+00	-6.7804e-03	1.1983e-07	3.4813e-05	0.0000e+00
1598	0.0000e+00	0.0000e+00	-6.7799e-03	5.0834e-07	3.4578e-05	0.0000e+00
1599	0.0000e+00	0.0000e+00	-6.7547e-03	1.9652e-06	3.4059e-05	0.0000e+00
1600	0.0000e+00	0.0000e+00	3.9151e-05	8.6607e-09	8.9764e-06	0.0000e+00
1601	0.0000e+00	0.0000e+00	4.6359e-05	2.7035e-07	9.0867e-06	0.0000e+00
1602	0.0000e+00	0.0000e+00	5.7784e-05	2.1506e-07	9.0976e-06	0.0000e+00
1603	0.0000e+00	0.0000e+00	6.2201e-05	-3.1188e-08	9.0946e-06	0.0000e+00
1604	0.0000e+00	0.0000e+00	5.4392e-05	-3.2072e-07	9.1221e-06	0.0000e+00
1605	0.0000e+00	0.0000e+00	3.5877e-05	-4.9874e-07	9.1600e-06	0.0000e+00
1606	0.0000e+00	0.0000e+00	1.4783e-05	-4.1987e-07	9.1405e-06	0.0000e+00
1607	0.0000e+00	0.0000e+00	4.7811e-06	-2.7894e-09	9.0964e-06	0.0000e+00
1608	0.0000e+00	0.0000e+00	-4.5198e-04	-1.1136e-07	1.3779e-05	0.0000e+00
1609	0.0000e+00	0.0000e+00	-4.4704e-04	2.6867e-07	1.3758e-05	0.0000e+00
1610	0.0000e+00	0.0000e+00	-4.3424e-04	2.5495e-07	1.3658e-05	0.0000e+00
1611	0.0000e+00	0.0000e+00	-4.2872e-04	-3.3067e-08	1.3597e-05	0.0000e+00
1612	0.0000e+00	0.0000e+00	-4.3797e-04	-3.8059e-07	1.3640e-05	0.0000e+00
1613	0.0000e+00	0.0000e+00	-4.5956e-04	-5.6131e-07	1.3762e-05	0.0000e+00
1614	0.0000e+00	0.0000e+00	-4.8241e-04	-4.2387e-07	1.3874e-05	0.0000e+00
1615	0.0000e+00	0.0000e+00	-4.9237e-04	-1.4436e-09	1.3914e-05	0.0000e+00
1616	0.0000e+00	0.0000e+00	-1.1711e-03	-7.6545e-08	1.9456e-05	0.0000e+00
1617	0.0000e+00	0.0000e+00	-1.1606e-03	4.5722e-07	1.9194e-05	0.0000e+00
1618	0.0000e+00	0.0000e+00	-1.1392e-03	4.2864e-07	1.8869e-05	0.0000e+00
1619	0.0000e+00	0.0000e+00	-1.1288e-03	4.5249e-11	1.8689e-05	0.0000e+00
1620	0.0000e+00	0.0000e+00	-1.1404e-03	-5.1430e-07	1.8754e-05	0.0000e+00
1621	0.0000e+00	0.0000e+00	-1.1701e-03	-7.8135e-07	1.9027e-05	0.0000e+00
1622	0.0000e+00	0.0000e+00	-1.2019e-03	-5.8722e-07	1.9349e-05	0.0000e+00
1623	0.0000e+00	0.0000e+00	-1.2157e-03	-5.6179e-10	1.9493e-05	0.0000e+00
1624	0.0000e+00	0.0000e+00	-2.1476e-03	2.0302e-07	2.5568e-05	0.0000e+00
1625	0.0000e+00	0.0000e+00	-2.1189e-03	9.5388e-07	2.4938e-05	0.0000e+00
1626	0.0000e+00	0.0000e+00	-2.0773e-03	8.1995e-07	2.4297e-05	0.0000e+00
1627	0.0000e+00	0.0000e+00	-2.0557e-03	1.0025e-07	2.3948e-05	0.0000e+00
1628	0.0000e+00	0.0000e+00	-2.0701e-03	-7.4521e-07	2.4013e-05	0.0000e+00
1629	0.0000e+00	0.0000e+00	-2.1152e-03	-1.2290e-06	2.4464e-05	0.0000e+00
1630	0.0000e+00	0.0000e+00	-2.1663e-03	-9.7076e-07	2.5073e-05	0.0000e+00
1631	0.0000e+00	0.0000e+00	-2.1891e-03	5.3282e-11	2.5373e-05	0.0000e+00
1632	0.0000e+00	0.0000e+00	-3.3812e-03	8.7274e-07	3.1144e-05	0.0000e+00
1633	0.0000e+00	0.0000e+00	-3.3162e-03	1.8379e-06	3.0033e-05	0.0000e+00
1634	0.0000e+00	0.0000e+00	-3.2404e-03	1.4611e-06	2.9087e-05	0.0000e+00
1635	0.0000e+00	0.0000e+00	-3.2000e-03	3.0543e-07	2.8561e-05	0.0000e+00
1636	0.0000e+00	0.0000e+00	-3.2159e-03	-1.0281e-06	2.8553e-05	0.0000e+00
1637	0.0000e+00	0.0000e+00	-3.2824e-03	-1.9134e-06	2.9075e-05	0.0000e+00
1638	0.0000e+00	0.0000e+00	-3.3658e-03	-1.6774e-06	3.0009e-05	0.0000e+00
1639	0.0000e+00	0.0000e+00	-3.4058e-03	4.9617e-10	3.0556e-05	0.0000e+00
1640	0.0000e+00	0.0000e+00	-4.8102e-03	2.1990e-06	3.4256e-05	0.0000e+00
1641	0.0000e+00	0.0000e+00	-4.6936e-03	3.0731e-06	3.2991e-05	0.0000e+00
1642	0.0000e+00	0.0000e+00	-4.5753e-03	2.3062e-06	3.2027e-05	0.0000e+00
1643	0.0000e+00	0.0000e+00	-4.5100e-03	6.5893e-07	3.1413e-05	0.0000e+00
1644	0.0000e+00	0.0000e+00	-4.5215e-03	-1.2114e-06	3.1199e-05	0.0000e+00
1645	0.0000e+00	0.0000e+00	-4.6053e-03	-2.6520e-06	3.1405e-05	0.0000e+00
1646	0.0000e+00	0.0000e+00	-4.7262e-03	-2.8791e-06	3.2141e-05	0.0000e+00
1647	0.0000e+00	0.0000e+00	-4.7944e-03	7.7311e-10	3.2989e-05	0.0000e+00

1648	0.0000e+00	0.0000e+00	-6.2664e-03	1.9652e-06	3.2201e-05	0.0000e+00
1649	0.0000e+00	0.0000e+00	-6.1163e-03	3.1675e-06	3.2011e-05	0.0000e+00
1650	0.0000e+00	0.0000e+00	-5.9666e-03	2.5958e-06	3.1576e-05	0.0000e+00
1651	0.0000e+00	0.0000e+00	-5.8764e-03	1.0455e-06	3.1072e-05	0.0000e+00
1652	0.0000e+00	0.0000e+00	-5.8719e-03	-7.3768e-07	3.0544e-05	0.0000e+00
1653	0.0000e+00	0.0000e+00	-5.9471e-03	-2.0202e-06	2.9913e-05	0.0000e+00
1654	0.0000e+00	0.0000e+00	-6.0642e-03	-2.0434e-06	2.8941e-05	0.0000e+00
1655	0.0000e+00	0.0000e+00	1.4594e-05	4.1772e-07	9.1382e-06	0.0000e+00
1656	0.0000e+00	0.0000e+00	3.5665e-05	4.9948e-07	9.1584e-06	0.0000e+00
1657	0.0000e+00	0.0000e+00	5.4245e-05	3.2282e-07	9.1210e-06	0.0000e+00
1658	0.0000e+00	0.0000e+00	6.2158e-05	3.3784e-08	9.0937e-06	0.0000e+00
1659	0.0000e+00	0.0000e+00	5.7851e-05	-2.1271e-07	9.0970e-06	0.0000e+00
1660	0.0000e+00	0.0000e+00	4.6506e-05	-2.6917e-07	9.0865e-06	0.0000e+00
1661	0.0000e+00	0.0000e+00	3.9294e-05	-1.0303e-08	8.9768e-06	0.0000e+00
1662	0.0000e+00	0.0000e+00	-4.8252e-04	4.2230e-07	1.3873e-05	0.0000e+00
1663	0.0000e+00	0.0000e+00	-4.5968e-04	5.6173e-07	1.3759e-05	0.0000e+00
1664	0.0000e+00	0.0000e+00	-4.3805e-04	3.8237e-07	1.3638e-05	0.0000e+00
1665	0.0000e+00	0.0000e+00	-4.2870e-04	3.5380e-08	1.3595e-05	0.0000e+00
1666	0.0000e+00	0.0000e+00	-4.3413e-04	-2.5294e-07	1.3656e-05	0.0000e+00
1667	0.0000e+00	0.0000e+00	-4.4687e-04	-2.6794e-07	1.3756e-05	0.0000e+00
1668	0.0000e+00	0.0000e+00	-4.5181e-04	1.0987e-07	1.3778e-05	0.0000e+00
1669	0.0000e+00	0.0000e+00	-1.2020e-03	5.8673e-07	1.9347e-05	0.0000e+00
1670	0.0000e+00	0.0000e+00	-1.1702e-03	7.8211e-07	1.9025e-05	0.0000e+00
1671	0.0000e+00	0.0000e+00	-1.1403e-03	5.1612e-07	1.8751e-05	0.0000e+00
1672	0.0000e+00	0.0000e+00	-1.1287e-03	2.1961e-09	1.8687e-05	0.0000e+00
1673	0.0000e+00	0.0000e+00	-1.1390e-03	-4.2677e-07	1.8866e-05	0.0000e+00
1674	0.0000e+00	0.0000e+00	-1.1604e-03	-4.5651e-07	1.9191e-05	0.0000e+00
1675	0.0000e+00	0.0000e+00	-1.1708e-03	7.5577e-08	1.9453e-05	0.0000e+00
1676	0.0000e+00	0.0000e+00	-2.1663e-03	9.7130e-07	2.5072e-05	0.0000e+00
1677	0.0000e+00	0.0000e+00	-2.1152e-03	1.2305e-06	2.4462e-05	0.0000e+00
1678	0.0000e+00	0.0000e+00	-2.0700e-03	7.4751e-07	2.4010e-05	0.0000e+00
1679	0.0000e+00	0.0000e+00	-2.0555e-03	-9.7656e-08	2.3944e-05	0.0000e+00
1680	0.0000e+00	0.0000e+00	-2.0769e-03	-8.1779e-07	2.4293e-05	0.0000e+00
1681	0.0000e+00	0.0000e+00	-2.1185e-03	-9.5287e-07	2.4934e-05	0.0000e+00
1682	0.0000e+00	0.0000e+00	-2.1472e-03	-2.0358e-07	2.5563e-05	0.0000e+00
1683	0.0000e+00	0.0000e+00	-3.3657e-03	1.6789e-06	3.0008e-05	0.0000e+00
1684	0.0000e+00	0.0000e+00	-3.2823e-03	1.9159e-06	2.9073e-05	0.0000e+00
1685	0.0000e+00	0.0000e+00	-3.2156e-03	1.0313e-06	2.8550e-05	0.0000e+00
1686	0.0000e+00	0.0000e+00	-3.1996e-03	-3.0203e-07	2.8557e-05	0.0000e+00
1687	0.0000e+00	0.0000e+00	-3.2398e-03	-1.4582e-06	2.9082e-05	0.0000e+00
1688	0.0000e+00	0.0000e+00	-3.3155e-03	-1.8363e-06	3.0027e-05	0.0000e+00
1689	0.0000e+00	0.0000e+00	-3.3805e-03	-8.7297e-07	3.1137e-05	0.0000e+00
1690	0.0000e+00	0.0000e+00	-4.7261e-03	2.8816e-06	3.2140e-05	0.0000e+00
1691	0.0000e+00	0.0000e+00	-4.6051e-03	2.6557e-06	3.1403e-05	0.0000e+00
1692	0.0000e+00	0.0000e+00	-4.5211e-03	1.2159e-06	3.1196e-05	0.0000e+00
1693	0.0000e+00	0.0000e+00	-4.5094e-03	-6.5436e-07	3.1409e-05	0.0000e+00
1694	0.0000e+00	0.0000e+00	-4.5746e-03	-2.3023e-06	3.2021e-05	0.0000e+00
1695	0.0000e+00	0.0000e+00	-4.6927e-03	-3.0705e-06	3.2985e-05	0.0000e+00
1696	0.0000e+00	0.0000e+00	-4.8093e-03	-2.1988e-06	3.4249e-05	0.0000e+00
1697	0.0000e+00	0.0000e+00	-6.0641e-03	2.0466e-06	2.8940e-05	0.0000e+00
1698	0.0000e+00	0.0000e+00	-5.9468e-03	2.0248e-06	2.9911e-05	0.0000e+00
1699	0.0000e+00	0.0000e+00	-5.8714e-03	7.4306e-07	3.0541e-05	0.0000e+00
1700	0.0000e+00	0.0000e+00	-5.8757e-03	-1.0400e-06	3.1068e-05	0.0000e+00
1701	0.0000e+00	0.0000e+00	-5.9656e-03	-2.5911e-06	3.1570e-05	0.0000e+00
1702	0.0000e+00	0.0000e+00	-6.1151e-03	-3.1644e-06	3.2004e-05	0.0000e+00
1703	0.0000e+00	0.0000e+00	-6.2651e-03	-1.9648e-06	3.2194e-05	0.0000e+00
1704	0.0000e+00	0.0000e+00	-1.3464e-03	8.0105e-06	9.2801e-06	0.0000e+00
1705	0.0000e+00	0.0000e+00	-1.8370e-03	8.2799e-06	1.3334e-05	0.0000e+00
1706	0.0000e+00	0.0000e+00	-2.4980e-03	8.5985e-06	1.7132e-05	0.0000e+00
1707	0.0000e+00	0.0000e+00	-3.3133e-03	8.8847e-06	2.0442e-05	0.0000e+00
1708	0.0000e+00	0.0000e+00	-4.2541e-03	9.0715e-06	2.2920e-05	0.0000e+00
1709	0.0000e+00	0.0000e+00	-5.2740e-03	9.0785e-06	2.4083e-05	0.0000e+00
1710	0.0000e+00	0.0000e+00	-1.3521e-03	-8.0327e-06	9.3421e-06	0.0000e+00
1711	0.0000e+00	0.0000e+00	-1.8456e-03	-8.3086e-06	1.3402e-05	0.0000e+00
1712	0.0000e+00	0.0000e+00	-2.5097e-03	-8.6328e-06	1.7207e-05	0.0000e+00
1713	0.0000e+00	0.0000e+00	-3.3283e-03	-8.9239e-06	2.0521e-05	0.0000e+00
1714	0.0000e+00	0.0000e+00	-4.2726e-03	-9.1145e-06	2.3000e-05	0.0000e+00
1715	0.0000e+00	0.0000e+00	-5.2958e-03	-9.1239e-06	2.4157e-05	0.0000e+00
1716	0.0000e+00	0.0000e+00	-6.8896e-03	-1.3555e-05	-3.1247e-05	0.0000e+00
1717	0.0000e+00	0.0000e+00	-5.5601e-03	-1.3027e-05	-2.9751e-05	0.0000e+00
1718	0.0000e+00	0.0000e+00	-4.3325e-03	-1.2253e-05	-2.6603e-05	0.0000e+00
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1834 0.0000e+00 0.0000e+00 -6.3048e-03 7.0800e-06 2.6313e-05 0.0000e+00  
1835 0.0000e+00 0.0000e+00 -6.0353e-03 6.3817e-06 2.5752e-05 0.0000e+00  
1836 0.0000e+00 0.0000e+00 -5.8214e-03 4.3070e-06 2.5107e-05 0.0000e+00  
1837 0.0000e+00 0.0000e+00 -5.7079e-03 1.3653e-06 2.4458e-05 0.0000e+00  
1838 0.0000e+00 0.0000e+00 -5.7202e-03 -1.9781e-06 2.3847e-05 0.0000e+00  
1839 0.0000e+00 0.0000e+00 -5.8653e-03 -5.2777e-06 2.3287e-05 0.0000e+00  
1840 0.0000e+00 0.0000e+00 -6.1327e-03 -8.0891e-06 2.2773e-05 0.0000e+00  
1841 0.0000e+00 0.0000e+00 -6.4935e-03 -9.9294e-06 2.2292e-05 0.0000e+00  
1842 0.0000e+00 0.0000e+00 -8.2443e-03 -2.1042e-06 3.2414e-05 0.0000e+00  
1843 0.0000e+00 0.0000e+00 -8.2956e-03 -5.0863e-07 3.3016e-05 0.0000e+00  
1844 0.0000e+00 0.0000e+00 -8.3084e-03 -1.4179e-07 3.3314e-05 0.0000e+00  
1845 0.0000e+00 0.0000e+00 -8.3149e-03 -1.8353e-07 3.3376e-05 0.0000e+00  
1846 0.0000e+00 0.0000e+00 -8.3160e-03 1.4051e-07 3.3208e-05 0.0000e+00  
1847 0.0000e+00 0.0000e+00 -8.2811e-03 1.6493e-06 3.2742e-05 0.0000e+00  
1848 0.0000e+00 0.0000e+00 -8.5309e-03 -3.4651e-06 -2.9750e-05 0.0000e+00  
1849 0.0000e+00 0.0000e+00 -8.6277e-03 -1.2798e-06 -3.1492e-05 0.0000e+00  
1850 0.0000e+00 0.0000e+00 -8.6631e-03 -4.8115e-07 -3.2294e-05 0.0000e+00  
1851 0.0000e+00 0.0000e+00 -8.6763e-03 -1.7985e-07 -3.2381e-05 0.0000e+00  
1852 0.0000e+00 0.0000e+00 -8.6682e-03 5.7682e-07 -3.1756e-05 0.0000e+00  
1853 0.0000e+00 0.0000e+00 -8.6010e-03 2.6826e-06 -3.0192e-05 0.0000e+00  
1854 0.0000e+00 0.0000e+00 -8.2800e-03 -1.6435e-06 3.2734e-05 0.0000e+00  
1855 0.0000e+00 0.0000e+00 -8.3146e-03 -1.3229e-07 3.3200e-05 0.0000e+00  
1856 0.0000e+00 0.0000e+00 -8.3132e-03 1.9230e-07 3.3369e-05 0.0000e+00  
1857 0.0000e+00 0.0000e+00 -8.3064e-03 1.4900e-07 3.3306e-05 0.0000e+00  
1858 0.0000e+00 0.0000e+00 -8.2934e-03 5.1192e-07 3.3009e-05 0.0000e+00  
1859 0.0000e+00 0.0000e+00 -8.2421e-03 2.1007e-06 3.2407e-05 0.0000e+00  
1860 0.0000e+00 0.0000e+00 -8.5997e-03 -2.5494e-06 -3.0167e-05 0.0000e+00  
1861 0.0000e+00 0.0000e+00 -8.6609e-03 -4.1200e-07 -3.1719e-05 0.0000e+00  
1862 0.0000e+00 0.0000e+00 -8.6622e-03 3.5742e-07 -3.2331e-05 0.0000e+00  
1863 0.0000e+00 0.0000e+00 -8.6420e-03 6.5281e-07 -3.2230e-05 0.0000e+00

1864	0.0000e+00	0.0000e+00	-8.6002e-03	1.4251e-06	-3.1417e-05	0.0000e+00
1865	0.0000e+00	0.0000e+00	-8.4986e-03	3.5599e-06	-2.9668e-05	0.0000e+00
1866	0.0000e+00	0.0000e+00	-8.2113e-03	1.6407e-07	-3.0112e-05	0.0000e+00
1867	0.0000e+00	0.0000e+00	-8.1722e-03	1.6969e-06	-3.1736e-05	0.0000e+00
1868	0.0000e+00	0.0000e+00	-8.1131e-03	1.0171e-06	-3.2486e-05	0.0000e+00
1869	0.0000e+00	0.0000e+00	-8.1083e-03	-7.9584e-07	-3.2779e-05	0.0000e+00
1870	0.0000e+00	0.0000e+00	-8.1851e-03	-2.7175e-06	-3.2749e-05	0.0000e+00
1871	0.0000e+00	0.0000e+00	-8.3256e-03	-3.7215e-06	-3.2266e-05	0.0000e+00
1872	0.0000e+00	0.0000e+00	-8.4649e-03	-2.7234e-06	-3.0922e-05	0.0000e+00
1873	0.0000e+00	0.0000e+00	-8.4622e-03	2.7872e-06	-3.0914e-05	0.0000e+00
1874	0.0000e+00	0.0000e+00	-8.3201e-03	3.7863e-06	-3.2249e-05	0.0000e+00
1875	0.0000e+00	0.0000e+00	-8.1767e-03	2.7812e-06	-3.2723e-05	0.0000e+00
1876	0.0000e+00	0.0000e+00	-8.0973e-03	8.5580e-07	-3.2745e-05	0.0000e+00
1877	0.0000e+00	0.0000e+00	-8.0996e-03	-9.6499e-07	-3.2446e-05	0.0000e+00
1878	0.0000e+00	0.0000e+00	-8.1567e-03	-1.6585e-06	-3.1690e-05	0.0000e+00
1879	0.0000e+00	0.0000e+00	-8.1946e-03	-1.4745e-07	-3.0063e-05	0.0000e+00
1880	0.0000e+00	0.0000e+00	-7.6726e-03	2.8395e-06	3.0643e-05	0.0000e+00
1881	0.0000e+00	0.0000e+00	-7.5199e-03	4.1204e-06	3.0650e-05	0.0000e+00
1882	0.0000e+00	0.0000e+00	-7.3550e-03	3.4219e-06	3.0361e-05	0.0000e+00
1883	0.0000e+00	0.0000e+00	-7.2438e-03	1.6679e-06	2.9912e-05	0.0000e+00
1884	0.0000e+00	0.0000e+00	-7.2140e-03	-3.0527e-07	2.9341e-05	0.0000e+00
1885	0.0000e+00	0.0000e+00	-7.2578e-03	-1.6878e-06	2.8618e-05	0.0000e+00
1886	0.0000e+00	0.0000e+00	-7.3325e-03	-1.7049e-06	2.7763e-05	0.0000e+00
1887	0.0000e+00	0.0000e+00	-7.3323e-03	1.7093e-06	2.7761e-05	0.0000e+00
1888	0.0000e+00	0.0000e+00	-7.2574e-03	1.6937e-06	2.8616e-05	0.0000e+00
1889	0.0000e+00	0.0000e+00	-7.2134e-03	3.1199e-07	2.9338e-05	0.0000e+00
1890	0.0000e+00	0.0000e+00	-7.2428e-03	-1.6610e-06	2.9908e-05	0.0000e+00
1891	0.0000e+00	0.0000e+00	-7.3537e-03	-3.4158e-06	3.0356e-05	0.0000e+00
1892	0.0000e+00	0.0000e+00	-7.5184e-03	-4.1160e-06	3.0644e-05	0.0000e+00
1893	0.0000e+00	0.0000e+00	-7.6710e-03	-2.8379e-06	3.0637e-05	0.0000e+00
2124	1.4904e-03	3.5844e-05	0.0000e+00	0.0000e+00	0.0000e+00	1.7195e-08

SPOSTAMENTI NODALI "Q3" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	-4.3444e-03	8.9488e-06	-1.6679e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	-3.2729e-03	-2.0739e-08	-1.5813e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	-4.0089e-03	-3.3260e-06	-1.8068e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	-4.0521e-03	2.9222e-06	-1.8428e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	-3.8938e-03	-1.7519e-06	-1.8202e-05	0.0000e+00
6	0.0000e+00	0.0000e+00	-4.0829e-03	1.4732e-08	-1.8857e-05	0.0000e+00
7	0.0000e+00	0.0000e+00	-3.8855e-03	1.7410e-06	-1.8172e-05	0.0000e+00
8	0.0000e+00	0.0000e+00	-4.0542e-03	-2.8827e-06	-1.8423e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	-3.9914e-03	3.3312e-06	-1.8014e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	-3.2882e-03	3.0332e-09	-1.5869e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-4.3346e-03	-8.8740e-06	-1.6668e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	-3.8952e-04	4.4196e-06	2.8476e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	2.2631e-04	-4.2461e-08	2.5667e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	1.5850e-04	-4.0947e-07	2.9562e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	1.7508e-04	5.1290e-07	2.9749e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	1.9891e-04	-2.7696e-07	2.8667e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	1.7883e-04	-3.8281e-09	2.9991e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	1.9885e-04	2.6909e-07	2.8652e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	1.7473e-04	-5.1933e-07	2.9693e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	1.5867e-04	4.0335e-07	2.9526e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	2.2590e-04	3.4965e-08	2.5630e-06	0.0000e+00
22	0.0000e+00	0.0000e+00	-3.9095e-04	-4.4300e-06	2.8752e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	-3.3607e-03	5.8055e-06	1.2873e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-3.1345e-03	-6.1642e-07	1.5953e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	-3.8005e-03	-2.9857e-06	1.8782e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-3.8212e-03	2.7419e-06	1.9044e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	-3.6132e-03	-1.0632e-06	1.8083e-05	0.0000e+00
28	0.0000e+00	0.0000e+00	-3.5161e-03	2.8484e-10	1.5345e-05	0.0000e+00
29	0.0000e+00	0.0000e+00	-3.6125e-03	1.0611e-06	1.8078e-05	0.0000e+00
30	0.0000e+00	0.0000e+00	-3.8209e-03	-2.7412e-06	1.9038e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	-3.7995e-03	2.9785e-06	1.8778e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	-3.1417e-03	6.0350e-07	1.5979e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	-3.3736e-03	-5.8362e-06	1.2903e-05	0.0000e+00
67	0.0000e+00	0.0000e+00	-5.0132e-03	8.4870e-06	-1.3189e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	-3.9295e-03	-5.2387e-08	-1.3399e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	-4.7540e-03	-3.7027e-06	-1.4960e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	-4.8131e-03	3.2051e-06	-1.5297e-05	0.0000e+00

71 0.0000e+00 0.0000e+00 -4.6444e-03 -1.9352e-06 -1.5143e-05 0.0000e+00  
72 0.0000e+00 0.0000e+00 -4.8631e-03 1.6750e-08 -1.5739e-05 0.0000e+00  
73 0.0000e+00 0.0000e+00 -4.6349e-03 1.9244e-06 -1.5114e-05 0.0000e+00  
74 0.0000e+00 0.0000e+00 -4.8147e-03 -3.1621e-06 -1.5284e-05 0.0000e+00  
75 0.0000e+00 0.0000e+00 -4.7344e-03 3.7075e-06 -1.4913e-05 0.0000e+00  
76 0.0000e+00 0.0000e+00 -3.9471e-03 3.2562e-08 -1.3449e-05 0.0000e+00  
77 0.0000e+00 0.0000e+00 -5.0036e-03 -8.4127e-06 -1.3208e-05 0.0000e+00  
78 0.0000e+00 0.0000e+00 -3.9263e-03 5.7098e-06 1.2471e-05 0.0000e+00  
79 0.0000e+00 0.0000e+00 -3.8262e-03 -8.0981e-07 1.5320e-05 0.0000e+00  
80 0.0000e+00 0.0000e+00 -4.6194e-03 -3.4951e-06 1.8104e-05 0.0000e+00  
81 0.0000e+00 0.0000e+00 -4.6524e-03 3.1560e-06 1.8380e-05 0.0000e+00  
82 0.0000e+00 0.0000e+00 -4.3980e-03 -1.1194e-06 1.7355e-05 0.0000e+00  
83 0.0000e+00 0.0000e+00 -4.2125e-03 9.1411e-10 1.5598e-05 0.0000e+00  
84 0.0000e+00 0.0000e+00 -4.3971e-03 1.1179e-06 1.7351e-05 0.0000e+00  
85 0.0000e+00 0.0000e+00 -4.6519e-03 -3.1542e-06 1.8375e-05 0.0000e+00  
86 0.0000e+00 0.0000e+00 -4.6183e-03 3.4870e-06 1.8102e-05 0.0000e+00  
87 0.0000e+00 0.0000e+00 -3.8346e-03 7.9527e-07 1.5345e-05 0.0000e+00  
88 0.0000e+00 0.0000e+00 -3.9405e-03 -5.7399e-06 1.2501e-05 0.0000e+00  
89 0.0000e+00 0.0000e+00 -4.7034e-03 7.6409e-06 -1.6530e-05 0.0000e+00  
90 0.0000e+00 0.0000e+00 -5.9144e-04 4.5116e-06 2.8984e-06 0.0000e+00  
91 0.0000e+00 0.0000e+00 -3.5982e-03 5.1283e-06 1.3147e-05 0.0000e+00  
92 0.0000e+00 0.0000e+00 -5.3898e-03 7.9926e-06 -1.4274e-05 0.0000e+00  
93 0.0000e+00 0.0000e+00 -4.1710e-03 5.2118e-06 1.2428e-05 0.0000e+00  
94 0.0000e+00 0.0000e+00 -4.1865e-03 -5.2404e-06 1.2457e-05 0.0000e+00  
95 0.0000e+00 0.0000e+00 -4.6906e-03 -7.5749e-06 -1.6519e-05 0.0000e+00  
96 0.0000e+00 0.0000e+00 -5.9324e-04 -4.5193e-06 2.9323e-06 0.0000e+00  
97 0.0000e+00 0.0000e+00 -3.6123e-03 -5.1555e-06 1.3181e-05 0.0000e+00  
98 0.0000e+00 0.0000e+00 -5.3769e-03 -7.9213e-06 -1.4280e-05 0.0000e+00  
99 0.0000e+00 0.0000e+00 -3.5837e-03 8.5615e-06 -1.7055e-05 0.0000e+00  
100 0.0000e+00 0.0000e+00 -3.2306e-03 8.9204e-06 -1.7090e-05 0.0000e+00  
101 0.0000e+00 0.0000e+00 -3.9675e-03 8.9136e-06 -1.6476e-05 0.0000e+00  
102 0.0000e+00 0.0000e+00 -2.8935e-03 7.8810e-06 -1.6652e-05 0.0000e+00  
103 0.0000e+00 0.0000e+00 -3.6177e-03 7.8694e-06 -1.6322e-05 0.0000e+00  
104 0.0000e+00 0.0000e+00 -2.6139e-03 6.0937e-06 -1.6334e-05 0.0000e+00  
105 0.0000e+00 0.0000e+00 -3.3287e-03 6.1440e-06 -1.6225e-05 0.0000e+00  
106 0.0000e+00 0.0000e+00 -2.4125e-03 3.9824e-06 -1.6125e-05 0.0000e+00  
107 0.0000e+00 0.0000e+00 -3.1212e-03 4.0537e-06 -1.6160e-05 0.0000e+00  
108 0.0000e+00 0.0000e+00 -2.2964e-03 1.8395e-06 -1.6077e-05 0.0000e+00  
109 0.0000e+00 0.0000e+00 -3.0036e-03 1.8941e-06 -1.6143e-05 0.0000e+00  
110 0.0000e+00 0.0000e+00 -2.2615e-03 -8.2320e-08 -1.6224e-05 0.0000e+00  
111 0.0000e+00 0.0000e+00 -2.9727e-03 -5.5765e-08 -1.6176e-05 0.0000e+00  
112 0.0000e+00 0.0000e+00 -2.2942e-03 -1.5423e-06 -1.6577e-05 0.0000e+00  
113 0.0000e+00 0.0000e+00 -3.0148e-03 -1.5221e-06 -1.6236e-05 0.0000e+00  
114 0.0000e+00 0.0000e+00 -2.3710e-03 -2.2873e-06 -1.7123e-05 0.0000e+00  
115 0.0000e+00 0.0000e+00 -3.1052e-03 -2.2218e-06 -1.6267e-05 0.0000e+00  
116 0.0000e+00 0.0000e+00 -2.4572e-03 -1.9852e-06 -1.7854e-05 0.0000e+00  
117 0.0000e+00 0.0000e+00 -3.2074e-03 -1.8454e-06 -1.6194e-05 0.0000e+00  
118 0.0000e+00 0.0000e+00 -2.4985e-03 3.1241e-08 -1.8362e-05 0.0000e+00  
119 0.0000e+00 0.0000e+00 -2.8401e-03 8.0597e-06 -1.6193e-05 0.0000e+00  
120 0.0000e+00 0.0000e+00 -2.5085e-03 8.3454e-06 -1.5975e-05 0.0000e+00  
121 0.0000e+00 0.0000e+00 -2.1924e-03 7.3541e-06 -1.5354e-05 0.0000e+00  
122 0.0000e+00 0.0000e+00 -1.9303e-03 5.7084e-06 -1.4880e-05 0.0000e+00  
123 0.0000e+00 0.0000e+00 -1.7401e-03 3.7978e-06 -1.4575e-05 0.0000e+00  
124 0.0000e+00 0.0000e+00 -1.6265e-03 1.9035e-06 -1.4495e-05 0.0000e+00  
125 0.0000e+00 0.0000e+00 -1.5844e-03 2.5397e-07 -1.4668e-05 0.0000e+00  
126 0.0000e+00 0.0000e+00 -1.5997e-03 -9.3987e-07 -1.5092e-05 0.0000e+00  
127 0.0000e+00 0.0000e+00 -1.6501e-03 -1.4655e-06 -1.5718e-05 0.0000e+00  
128 0.0000e+00 0.0000e+00 -1.7049e-03 -1.1272e-06 -1.6408e-05 0.0000e+00  
129 0.0000e+00 0.0000e+00 -1.7287e-03 2.7759e-08 -1.6748e-05 0.0000e+00  
130 0.0000e+00 0.0000e+00 -2.1598e-03 7.4729e-06 -1.4457e-05 0.0000e+00  
131 0.0000e+00 0.0000e+00 -1.8550e-03 7.6207e-06 -1.3995e-05 0.0000e+00  
132 0.0000e+00 0.0000e+00 -1.5670e-03 6.6912e-06 -1.3257e-05 0.0000e+00  
133 0.0000e+00 0.0000e+00 -1.3281e-03 5.2182e-06 -1.2674e-05 0.0000e+00  
134 0.0000e+00 0.0000e+00 -1.1528e-03 3.5454e-06 -1.2289e-05 0.0000e+00  
135 0.0000e+00 0.0000e+00 -1.0440e-03 1.9248e-06 -1.2149e-05 0.0000e+00  
136 0.0000e+00 0.0000e+00 -9.9549e-04 5.5321e-07 -1.2261e-05 0.0000e+00  
137 0.0000e+00 0.0000e+00 -9.9405e-04 -4.0365e-07 -1.2597e-05 0.0000e+00  
138 0.0000e+00 0.0000e+00 -1.0203e-03 -8.1183e-07 -1.3075e-05 0.0000e+00  
139 0.0000e+00 0.0000e+00 -1.0509e-03 -6.2021e-07 -1.3526e-05 0.0000e+00  
140 0.0000e+00 0.0000e+00 -1.0638e-03 2.5765e-08 -1.3719e-05 0.0000e+00  
141 0.0000e+00 0.0000e+00 -1.5721e-03 6.8286e-06 -1.2194e-05 0.0000e+00  
142 0.0000e+00 0.0000e+00 -1.2974e-03 6.7916e-06 -1.1592e-05 0.0000e+00

143	0.0000e+00	0.0000e+00	-1.0414e-03	5.9305e-06	-1.0816e-05	0.0000e+00
144	0.0000e+00	0.0000e+00	-8.2919e-04	4.6469e-06	-1.0182e-05	0.0000e+00
145	0.0000e+00	0.0000e+00	-6.7182e-04	3.2224e-06	-9.7467e-06	0.0000e+00
146	0.0000e+00	0.0000e+00	-5.7056e-04	1.8681e-06	-9.5411e-06	0.0000e+00
147	0.0000e+00	0.0000e+00	-5.1932e-04	7.4367e-07	-9.5573e-06	0.0000e+00
148	0.0000e+00	0.0000e+00	-5.0642e-04	-3.1339e-08	-9.7524e-06	0.0000e+00
149	0.0000e+00	0.0000e+00	-5.1630e-04	-3.8591e-07	-1.0042e-05	0.0000e+00
150	0.0000e+00	0.0000e+00	-5.3192e-04	-3.2840e-07	-1.0301e-05	0.0000e+00
151	0.0000e+00	0.0000e+00	-5.3881e-04	1.6063e-08	-1.0402e-05	0.0000e+00
152	0.0000e+00	0.0000e+00	-1.0928e-03	6.1822e-06	-9.6634e-06	0.0000e+00
153	0.0000e+00	0.0000e+00	-8.4820e-04	5.9603e-06	-9.0285e-06	0.0000e+00
154	0.0000e+00	0.0000e+00	-6.2450e-04	5.1594e-06	-8.2987e-06	0.0000e+00
155	0.0000e+00	0.0000e+00	-4.3963e-04	4.0535e-06	-7.6850e-06	0.0000e+00
156	0.0000e+00	0.0000e+00	-3.0142e-04	2.8551e-06	-7.2457e-06	0.0000e+00
157	0.0000e+00	0.0000e+00	-2.1011e-04	1.7316e-06	-7.0001e-06	0.0000e+00
158	0.0000e+00	0.0000e+00	-1.6014e-04	8.0730e-07	-6.9330e-06	0.0000e+00
159	0.0000e+00	0.0000e+00	-1.4173e-04	1.6646e-07	-7.0017e-06	0.0000e+00
160	0.0000e+00	0.0000e+00	-1.4260e-04	-1.5379e-07	-7.1395e-06	0.0000e+00
161	0.0000e+00	0.0000e+00	-1.5016e-04	-1.7742e-07	-7.2653e-06	0.0000e+00
162	0.0000e+00	0.0000e+00	-1.5413e-04	1.6974e-09	-7.3093e-06	0.0000e+00
163	0.0000e+00	0.0000e+00	-7.2826e-04	5.5902e-06	-7.0425e-06	0.0000e+00
164	0.0000e+00	0.0000e+00	-5.1085e-04	5.2157e-06	-6.4633e-06	0.0000e+00
165	0.0000e+00	0.0000e+00	-3.1617e-04	4.4641e-06	-5.8520e-06	0.0000e+00
166	0.0000e+00	0.0000e+00	-1.5619e-04	3.5052e-06	-5.3277e-06	0.0000e+00
167	0.0000e+00	0.0000e+00	-3.6147e-05	2.4906e-06	-4.9387e-06	0.0000e+00
168	0.0000e+00	0.0000e+00	4.4349e-05	1.5482e-06	-4.6953e-06	0.0000e+00
169	0.0000e+00	0.0000e+00	9.0199e-05	7.7427e-07	-4.5817e-06	0.0000e+00
170	0.0000e+00	0.0000e+00	1.0950e-04	2.3097e-07	-4.5639e-06	0.0000e+00
171	0.0000e+00	0.0000e+00	1.1210e-04	-5.8409e-08	-4.5967e-06	0.0000e+00
172	0.0000e+00	0.0000e+00	1.0791e-04	-1.1637e-07	-4.6341e-06	0.0000e+00
173	0.0000e+00	0.0000e+00	1.0495e-04	-1.3521e-08	-4.6430e-06	0.0000e+00
174	0.0000e+00	0.0000e+00	-4.7898e-04	5.0998e-06	-4.4387e-06	0.0000e+00
175	0.0000e+00	0.0000e+00	-2.8349e-04	4.6267e-06	-3.9801e-06	0.0000e+00
176	0.0000e+00	0.0000e+00	-1.1170e-04	3.9163e-06	-3.5410e-06	0.0000e+00
177	0.0000e+00	0.0000e+00	2.8521e-05	3.0650e-06	-3.1608e-06	0.0000e+00
178	0.0000e+00	0.0000e+00	1.3364e-04	2.1807e-06	-2.8696e-06	0.0000e+00
179	0.0000e+00	0.0000e+00	2.0436e-04	1.3630e-06	-2.6706e-06	0.0000e+00
180	0.0000e+00	0.0000e+00	2.4498e-04	6.8911e-07	-2.5509e-06	0.0000e+00
181	0.0000e+00	0.0000e+00	2.6234e-04	2.0966e-07	-2.4875e-06	0.0000e+00
182	0.0000e+00	0.0000e+00	2.6477e-04	-5.3867e-08	-2.4540e-06	0.0000e+00
183	0.0000e+00	0.0000e+00	2.6082e-04	-1.1408e-07	-2.4316e-06	0.0000e+00
184	0.0000e+00	0.0000e+00	2.5769e-04	-2.5937e-08	-2.4175e-06	0.0000e+00
185	0.0000e+00	0.0000e+00	-3.4224e-04	4.7413e-06	-1.9082e-06	0.0000e+00
186	0.0000e+00	0.0000e+00	-1.6184e-04	4.2392e-06	-1.6078e-06	0.0000e+00
187	0.0000e+00	0.0000e+00	-4.8602e-06	3.5658e-06	-1.3738e-06	0.0000e+00
188	0.0000e+00	0.0000e+00	1.2263e-04	2.7788e-06	-1.1703e-06	0.0000e+00
189	0.0000e+00	0.0000e+00	2.1779e-04	1.9669e-06	-1.0066e-06	0.0000e+00
190	0.0000e+00	0.0000e+00	2.8136e-04	1.2158e-06	-8.8107e-07	0.0000e+00
191	0.0000e+00	0.0000e+00	3.1721e-04	5.9261e-07	-7.8655e-07	0.0000e+00
192	0.0000e+00	0.0000e+00	3.3142e-04	1.4250e-07	-7.1073e-07	0.0000e+00
193	0.0000e+00	0.0000e+00	3.3150e-04	-1.0921e-07	-6.4069e-07	0.0000e+00
194	0.0000e+00	0.0000e+00	3.2558e-04	-1.5637e-07	-5.7293e-07	0.0000e+00
195	0.0000e+00	0.0000e+00	3.2141e-04	-3.3318e-08	-5.3772e-07	0.0000e+00
196	0.0000e+00	0.0000e+00	-3.1392e-04	4.5233e-06	5.2477e-07	0.0000e+00
197	0.0000e+00	0.0000e+00	-1.4108e-04	4.0793e-06	6.5525e-07	0.0000e+00
198	0.0000e+00	0.0000e+00	1.0117e-05	3.4360e-06	6.7412e-07	0.0000e+00
199	0.0000e+00	0.0000e+00	1.3270e-04	2.6652e-06	6.9912e-07	0.0000e+00
200	0.0000e+00	0.0000e+00	2.2360e-04	1.8684e-06	7.3216e-07	0.0000e+00
201	0.0000e+00	0.0000e+00	2.8349e-04	1.1298e-06	7.7595e-07	0.0000e+00
202	0.0000e+00	0.0000e+00	3.1606e-04	5.1350e-07	8.3058e-07	0.0000e+00
203	0.0000e+00	0.0000e+00	3.2714e-04	6.2221e-08	8.9578e-07	0.0000e+00
204	0.0000e+00	0.0000e+00	3.2391e-04	-1.9861e-07	9.7222e-07	0.0000e+00
205	0.0000e+00	0.0000e+00	3.1447e-04	-2.4575e-07	1.0653e-06	0.0000e+00
206	0.0000e+00	0.0000e+00	3.0834e-04	-3.5455e-08	1.1260e-06	0.0000e+00
207	0.0000e+00	0.0000e+00	-2.1616e-04	4.1423e-06	2.7855e-06	0.0000e+00
208	0.0000e+00	0.0000e+00	-6.2398e-05	3.5019e-06	2.6471e-06	0.0000e+00
209	0.0000e+00	0.0000e+00	6.2307e-05	2.7078e-06	2.5295e-06	0.0000e+00
210	0.0000e+00	0.0000e+00	1.5417e-04	1.8773e-06	2.4556e-06	0.0000e+00
211	0.0000e+00	0.0000e+00	2.1367e-04	1.1049e-06	2.4335e-06	0.0000e+00
212	0.0000e+00	0.0000e+00	2.4462e-04	4.6144e-07	2.4566e-06	0.0000e+00
213	0.0000e+00	0.0000e+00	2.5323e-04	-6.0462e-09	2.5080e-06	0.0000e+00
214	0.0000e+00	0.0000e+00	2.4714e-04	-2.7143e-07	2.5637e-06	0.0000e+00

215 0.0000e+00 0.0000e+00 2.3486e-04 -3.1700e-07 2.5983e-06 0.0000e+00  
216 0.0000e+00 0.0000e+00 -2.4467e-03 2.2006e-06 -1.7808e-05 0.0000e+00  
217 0.0000e+00 0.0000e+00 -3.1979e-03 1.9654e-06 -1.6298e-05 0.0000e+00  
218 0.0000e+00 0.0000e+00 -2.3426e-03 2.5110e-06 -1.7085e-05 0.0000e+00  
219 0.0000e+00 0.0000e+00 -3.0800e-03 2.3626e-06 -1.6464e-05 0.0000e+00  
220 0.0000e+00 0.0000e+00 -2.2482e-03 1.7748e-06 -1.6614e-05 0.0000e+00  
221 0.0000e+00 0.0000e+00 -2.9762e-03 1.6432e-06 -1.6540e-05 0.0000e+00  
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228 0.0000e+00 0.0000e+00 -2.4862e-03 -4.5576e-06 -1.7767e-05 0.0000e+00  
229 0.0000e+00 0.0000e+00 -3.2616e-03 -4.9586e-06 -1.7542e-05 0.0000e+00  
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233 0.0000e+00 0.0000e+00 -3.7821e-03 -5.3951e-06 -1.8186e-05 0.0000e+00  
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245 0.0000e+00 0.0000e+00 -1.0448e-03 8.0087e-07 -1.3480e-05 0.0000e+00  
246 0.0000e+00 0.0000e+00 -1.0003e-03 1.1300e-06 -1.2951e-05 0.0000e+00  
247 0.0000e+00 0.0000e+00 -9.5416e-04 8.8409e-07 -1.2455e-05 0.0000e+00  
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272 0.0000e+00 0.0000e+00 -2.3760e-04 -1.3036e-06 -8.0208e-06 0.0000e+00  
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285 0.0000e+00 0.0000e+00 2.6006e-04 1.3017e-07 -2.4124e-06 0.0000e+00  
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287	0.0000e+00	0.0000e+00	2.7858e-04	2.1200e-07	-2.4067e-06	0.0000e+00
288	0.0000e+00	0.0000e+00	2.8531e-04	7.7619e-08	-2.4211e-06	0.0000e+00
289	0.0000e+00	0.0000e+00	2.8414e-04	-1.3630e-07	-2.4723e-06	0.0000e+00
290	0.0000e+00	0.0000e+00	2.7280e-04	-3.7123e-07	-2.5684e-06	0.0000e+00
291	0.0000e+00	0.0000e+00	2.5182e-04	-5.6209e-07	-2.7008e-06	0.0000e+00
292	0.0000e+00	0.0000e+00	2.2446e-04	-6.5165e-07	-2.8487e-06	0.0000e+00
293	0.0000e+00	0.0000e+00	1.9603e-04	-6.0836e-07	-2.9934e-06	0.0000e+00
294	0.0000e+00	0.0000e+00	1.7227e-04	-4.4973e-07	-3.1324e-06	0.0000e+00
295	0.0000e+00	0.0000e+00	3.2429e-04	1.5731e-07	-5.6857e-07	0.0000e+00
296	0.0000e+00	0.0000e+00	3.3390e-04	2.5853e-07	-6.3099e-07	0.0000e+00
297	0.0000e+00	0.0000e+00	3.4523e-04	2.3801e-07	-6.8177e-07	0.0000e+00
298	0.0000e+00	0.0000e+00	3.5322e-04	1.1249e-07	-7.2140e-07	0.0000e+00
299	0.0000e+00	0.0000e+00	3.5398e-04	-8.2296e-08	-7.5763e-07	0.0000e+00
300	0.0000e+00	0.0000e+00	3.4547e-04	-2.9872e-07	-7.9343e-07	0.0000e+00
301	0.0000e+00	0.0000e+00	3.2792e-04	-4.8293e-07	-8.2366e-07	0.0000e+00
302	0.0000e+00	0.0000e+00	3.0398e-04	-5.8026e-07	-8.3782e-07	0.0000e+00
303	0.0000e+00	0.0000e+00	2.7857e-04	-5.4171e-07	-8.3208e-07	0.0000e+00
304	0.0000e+00	0.0000e+00	2.5825e-04	-3.5779e-07	-8.5005e-07	0.0000e+00
305	0.0000e+00	0.0000e+00	3.1327e-04	2.4509e-07	1.0576e-06	0.0000e+00
306	0.0000e+00	0.0000e+00	3.2645e-04	3.3517e-07	9.5716e-07	0.0000e+00
307	0.0000e+00	0.0000e+00	3.4057e-04	2.9202e-07	8.8535e-07	0.0000e+00
308	0.0000e+00	0.0000e+00	3.5047e-04	1.4755e-07	8.3986e-07	0.0000e+00
309	0.0000e+00	0.0000e+00	3.5240e-04	-6.3911e-08	8.2326e-07	0.0000e+00
310	0.0000e+00	0.0000e+00	3.4432e-04	-2.9835e-07	8.3782e-07	0.0000e+00
311	0.0000e+00	0.0000e+00	3.2634e-04	-5.0580e-07	8.8450e-07	0.0000e+00
312	0.0000e+00	0.0000e+00	3.0082e-04	-6.3380e-07	9.6425e-07	0.0000e+00
313	0.0000e+00	0.0000e+00	2.7263e-04	-6.1872e-07	1.0846e-06	0.0000e+00
314	0.0000e+00	0.0000e+00	2.5063e-04	-3.4848e-07	1.1842e-06	0.0000e+00
315	0.0000e+00	0.0000e+00	2.3399e-04	3.1855e-07	2.5951e-06	0.0000e+00
316	0.0000e+00	0.0000e+00	2.5034e-04	4.0760e-07	2.5512e-06	0.0000e+00
317	0.0000e+00	0.0000e+00	2.6731e-04	3.4817e-07	2.4923e-06	0.0000e+00
318	0.0000e+00	0.0000e+00	2.7904e-04	1.7263e-07	2.4531e-06	0.0000e+00
319	0.0000e+00	0.0000e+00	2.8117e-04	-7.9913e-08	2.4593e-06	0.0000e+00
320	0.0000e+00	0.0000e+00	2.7144e-04	-3.5720e-07	2.5215e-06	0.0000e+00
321	0.0000e+00	0.0000e+00	2.5004e-04	-6.0090e-07	2.6330e-06	0.0000e+00
322	0.0000e+00	0.0000e+00	2.1978e-04	-7.5330e-07	2.7710e-06	0.0000e+00
323	0.0000e+00	0.0000e+00	1.8611e-04	-7.4926e-07	2.9023e-06	0.0000e+00
324	0.0000e+00	0.0000e+00	-3.1478e-03	2.6988e-06	-2.1582e-05	0.0000e+00
325	0.0000e+00	0.0000e+00	-2.9797e-03	4.8209e-06	-2.0578e-05	0.0000e+00
326	0.0000e+00	0.0000e+00	-3.8447e-03	4.8741e-06	-1.8694e-05	0.0000e+00
327	0.0000e+00	0.0000e+00	-2.7653e-03	4.9072e-06	-1.9429e-05	0.0000e+00
328	0.0000e+00	0.0000e+00	-3.6014e-03	5.0714e-06	-1.8604e-05	0.0000e+00
329	0.0000e+00	0.0000e+00	-2.5722e-03	3.8781e-06	-1.8563e-05	0.0000e+00
330	0.0000e+00	0.0000e+00	-3.3838e-03	4.0743e-06	-1.8400e-05	0.0000e+00
331	0.0000e+00	0.0000e+00	-2.4388e-03	2.1935e-06	-1.8006e-05	0.0000e+00
332	0.0000e+00	0.0000e+00	-3.2337e-03	2.3346e-06	-1.8212e-05	0.0000e+00
333	0.0000e+00	0.0000e+00	-2.3859e-03	2.1162e-07	-1.7796e-05	0.0000e+00
334	0.0000e+00	0.0000e+00	-3.1742e-03	2.5124e-07	-1.8122e-05	0.0000e+00
335	0.0000e+00	0.0000e+00	-2.4196e-03	-1.7401e-06	-1.7943e-05	0.0000e+00
336	0.0000e+00	0.0000e+00	-3.2120e-03	-1.8027e-06	-1.8160e-05	0.0000e+00
337	0.0000e+00	0.0000e+00	-2.5312e-03	-3.3356e-06	-1.8435e-05	0.0000e+00
338	0.0000e+00	0.0000e+00	-3.3378e-03	-3.4556e-06	-1.8298e-05	0.0000e+00
339	0.0000e+00	0.0000e+00	-2.6974e-03	-4.2197e-06	-1.9235e-05	0.0000e+00
340	0.0000e+00	0.0000e+00	-3.5259e-03	-4.3120e-06	-1.8455e-05	0.0000e+00
341	0.0000e+00	0.0000e+00	-2.8773e-03	-3.9375e-06	-2.0318e-05	0.0000e+00
342	0.0000e+00	0.0000e+00	-3.7325e-03	-3.9264e-06	-1.8502e-05	0.0000e+00
343	0.0000e+00	0.0000e+00	-3.0011e-03	-1.5410e-06	-2.1243e-05	0.0000e+00
344	0.0000e+00	0.0000e+00	-2.2374e-03	2.2176e-06	-1.9929e-05	0.0000e+00
345	0.0000e+00	0.0000e+00	-2.1094e-03	3.4889e-06	-1.9059e-05	0.0000e+00
346	0.0000e+00	0.0000e+00	-1.9470e-03	3.7236e-06	-1.7843e-05	0.0000e+00
347	0.0000e+00	0.0000e+00	-1.7962e-03	3.0286e-06	-1.6818e-05	0.0000e+00
348	0.0000e+00	0.0000e+00	-1.6900e-03	1.7397e-06	-1.6147e-05	0.0000e+00
349	0.0000e+00	0.0000e+00	-1.6474e-03	1.7963e-07	-1.5895e-05	0.0000e+00
350	0.0000e+00	0.0000e+00	-1.6737e-03	-1.3515e-06	-1.6078e-05	0.0000e+00
351	0.0000e+00	0.0000e+00	-1.7611e-03	-2.5548e-06	-1.6675e-05	0.0000e+00
352	0.0000e+00	0.0000e+00	-1.8883e-03	-3.1123e-06	-1.7617e-05	0.0000e+00
353	0.0000e+00	0.0000e+00	-2.0200e-03	-2.6987e-06	-1.8731e-05	0.0000e+00
354	0.0000e+00	0.0000e+00	-2.1092e-03	-1.2518e-06	-1.9447e-05	0.0000e+00
355	0.0000e+00	0.0000e+00	-1.4410e-03	1.7466e-06	-1.6543e-05	0.0000e+00
356	0.0000e+00	0.0000e+00	-1.3464e-03	2.4894e-06	-1.5856e-05	0.0000e+00
357	0.0000e+00	0.0000e+00	-1.2306e-03	2.6651e-06	-1.4903e-05	0.0000e+00
358	0.0000e+00	0.0000e+00	-1.1214e-03	2.2084e-06	-1.4018e-05	0.0000e+00

359 0.0000e+00 0.0000e+00 -1.0433e-03 1.2882e-06 -1.3410e-05 0.0000e+00  
360 0.0000e+00 0.0000e+00 -1.0114e-03 1.4469e-07 -1.3175e-05 0.0000e+00  
361 0.0000e+00 0.0000e+00 -1.0301e-03 -9.7249e-07 -1.3339e-05 0.0000e+00  
362 0.0000e+00 0.0000e+00 -1.0928e-03 -1.8158e-06 -1.3868e-05 0.0000e+00  
363 0.0000e+00 0.0000e+00 -1.1822e-03 -2.1530e-06 -1.4659e-05 0.0000e+00  
364 0.0000e+00 0.0000e+00 -1.2723e-03 -1.8351e-06 -1.5489e-05 0.0000e+00  
365 0.0000e+00 0.0000e+00 -1.3353e-03 -9.7171e-07 -1.6011e-05 0.0000e+00  
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367 0.0000e+00 0.0000e+00 -7.3524e-04 1.7490e-06 -1.2193e-05 0.0000e+00  
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371 0.0000e+00 0.0000e+00 -5.0127e-04 1.1002e-07 -1.0190e-05 0.0000e+00  
372 0.0000e+00 0.0000e+00 -5.1386e-04 -6.6289e-07 -1.0309e-05 0.0000e+00  
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374 0.0000e+00 0.0000e+00 -6.1688e-04 -1.4391e-06 -1.1265e-05 0.0000e+00  
375 0.0000e+00 0.0000e+00 -6.7728e-04 -1.2350e-06 -1.1832e-05 0.0000e+00  
376 0.0000e+00 0.0000e+00 -7.2118e-04 -7.2455e-07 -1.2203e-05 0.0000e+00  
377 0.0000e+00 0.0000e+00 -3.3041e-04 9.7579e-07 -9.0648e-06 0.0000e+00  
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397 0.0000e+00 0.0000e+00 5.9833e-05 -5.9510e-07 -5.3719e-06 0.0000e+00  
398 0.0000e+00 0.0000e+00 3.7948e-05 -3.8128e-07 -5.5236e-06 0.0000e+00  
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412 0.0000e+00 0.0000e+00 3.3023e-04 6.6070e-07 -8.6151e-07 0.0000e+00  
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415 0.0000e+00 0.0000e+00 3.8201e-04 1.1646e-08 -8.3805e-07 0.0000e+00  
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423 0.0000e+00 0.0000e+00 3.2730e-04 7.2068e-07 9.7677e-07 0.0000e+00  
424 0.0000e+00 0.0000e+00 3.5586e-04 5.5707e-07 8.9790e-07 0.0000e+00  
425 0.0000e+00 0.0000e+00 3.7500e-04 3.0017e-07 8.5284e-07 0.0000e+00  
426 0.0000e+00 0.0000e+00 3.8177e-04 3.6878e-09 8.4068e-07 0.0000e+00  
427 0.0000e+00 0.0000e+00 3.7559e-04 -2.7904e-07 8.6077e-07 0.0000e+00  
428 0.0000e+00 0.0000e+00 3.5821e-04 -4.9726e-07 9.1165e-07 0.0000e+00  
429 0.0000e+00 0.0000e+00 3.3352e-04 -6.0508e-07 9.9221e-07 0.0000e+00  
430 0.0000e+00 0.0000e+00 3.0748e-04 -5.5183e-07 1.1082e-06 0.0000e+00



431	0.0000e+00	0.0000e+00	2.8936e-04	-2.4337e-07	1.2005e-06	0.0000e+00
432	0.0000e+00	0.0000e+00	2.0733e-04	8.5172e-07	2.9327e-06	0.0000e+00
433	0.0000e+00	0.0000e+00	2.4500e-04	8.3222e-07	2.8157e-06	0.0000e+00
434	0.0000e+00	0.0000e+00	2.7790e-04	6.4165e-07	2.6957e-06	0.0000e+00
435	0.0000e+00	0.0000e+00	2.9994e-04	3.4582e-07	2.6067e-06	0.0000e+00
436	0.0000e+00	0.0000e+00	3.0772e-04	3.6338e-09	2.5719e-06	0.0000e+00
437	0.0000e+00	0.0000e+00	3.0055e-04	-3.2323e-07	2.5979e-06	0.0000e+00
438	0.0000e+00	0.0000e+00	2.8043e-04	-5.7580e-07	2.6739e-06	0.0000e+00
439	0.0000e+00	0.0000e+00	2.5182e-04	-7.0360e-07	2.7731e-06	0.0000e+00
440	0.0000e+00	0.0000e+00	2.2137e-04	-6.5582e-07	2.8594e-06	0.0000e+00
441	0.0000e+00	0.0000e+00	-2.9944e-03	1.5317e-06	-2.1203e-05	0.0000e+00
442	0.0000e+00	0.0000e+00	-2.8714e-03	3.9134e-06	-2.0283e-05	0.0000e+00
443	0.0000e+00	0.0000e+00	-3.7252e-03	3.9000e-06	-1.8474e-05	0.0000e+00
444	0.0000e+00	0.0000e+00	-2.6928e-03	4.1874e-06	-1.9207e-05	0.0000e+00
445	0.0000e+00	0.0000e+00	-3.5201e-03	4.2760e-06	-1.8430e-05	0.0000e+00
446	0.0000e+00	0.0000e+00	-2.5281e-03	3.2994e-06	-1.8413e-05	0.0000e+00
447	0.0000e+00	0.0000e+00	-3.3337e-03	3.4149e-06	-1.8278e-05	0.0000e+00
448	0.0000e+00	0.0000e+00	-2.4180e-03	1.7034e-06	-1.7928e-05	0.0000e+00
449	0.0000e+00	0.0000e+00	-3.2098e-03	1.7613e-06	-1.8145e-05	0.0000e+00
450	0.0000e+00	0.0000e+00	-2.3860e-03	-2.4582e-07	-1.7788e-05	0.0000e+00
451	0.0000e+00	0.0000e+00	-3.1738e-03	-2.8967e-07	-1.8112e-05	0.0000e+00
452	0.0000e+00	0.0000e+00	-2.4402e-03	-2.2222e-06	-1.8005e-05	0.0000e+00
453	0.0000e+00	0.0000e+00	-3.2349e-03	-2.3665e-06	-1.8206e-05	0.0000e+00
454	0.0000e+00	0.0000e+00	-2.5747e-03	-3.8981e-06	-1.8566e-05	0.0000e+00
455	0.0000e+00	0.0000e+00	-3.3863e-03	-4.0959e-06	-1.8397e-05	0.0000e+00
456	0.0000e+00	0.0000e+00	-2.7684e-03	-4.9145e-06	-1.9435e-05	0.0000e+00
457	0.0000e+00	0.0000e+00	-3.6046e-03	-5.0783e-06	-1.8602e-05	0.0000e+00
458	0.0000e+00	0.0000e+00	-2.9827e-03	-4.8107e-06	-2.0586e-05	0.0000e+00
459	0.0000e+00	0.0000e+00	-3.8479e-03	-4.8610e-06	-1.8692e-05	0.0000e+00
460	0.0000e+00	0.0000e+00	-3.1499e-03	-2.6641e-06	-2.1587e-05	0.0000e+00
461	0.0000e+00	0.0000e+00	-2.1042e-03	1.2441e-06	-1.9410e-05	0.0000e+00
462	0.0000e+00	0.0000e+00	-2.0155e-03	2.6806e-06	-1.8697e-05	0.0000e+00
463	0.0000e+00	0.0000e+00	-1.8849e-03	3.0873e-06	-1.7590e-05	0.0000e+00
464	0.0000e+00	0.0000e+00	-1.7589e-03	2.5262e-06	-1.6656e-05	0.0000e+00
465	0.0000e+00	0.0000e+00	-1.6728e-03	1.3222e-06	-1.6066e-05	0.0000e+00
466	0.0000e+00	0.0000e+00	-1.6477e-03	-2.0698e-07	-1.5890e-05	0.0000e+00
467	0.0000e+00	0.0000e+00	-1.6914e-03	-1.7625e-06	-1.6149e-05	0.0000e+00
468	0.0000e+00	0.0000e+00	-1.7984e-03	-3.0440e-06	-1.6825e-05	0.0000e+00
469	0.0000e+00	0.0000e+00	-1.9497e-03	-3.7283e-06	-1.7853e-05	0.0000e+00
470	0.0000e+00	0.0000e+00	-2.1120e-03	-3.4790e-06	-1.9069e-05	0.0000e+00
471	0.0000e+00	0.0000e+00	-2.2392e-03	-2.1896e-06	-1.9936e-05	0.0000e+00
472	0.0000e+00	0.0000e+00	-1.3319e-03	9.6559e-07	-1.5980e-05	0.0000e+00
473	0.0000e+00	0.0000e+00	-1.2693e-03	1.8218e-06	-1.5460e-05	0.0000e+00
474	0.0000e+00	0.0000e+00	-1.1799e-03	2.1344e-06	-1.4636e-05	0.0000e+00
475	0.0000e+00	0.0000e+00	-1.0913e-03	1.7943e-06	-1.3852e-05	0.0000e+00
476	0.0000e+00	0.0000e+00	-1.0296e-03	9.5025e-07	-1.3329e-05	0.0000e+00
477	0.0000e+00	0.0000e+00	-1.0119e-03	-1.6550e-07	-1.3172e-05	0.0000e+00
478	0.0000e+00	0.0000e+00	-1.0446e-03	-1.3054e-06	-1.3413e-05	0.0000e+00
479	0.0000e+00	0.0000e+00	-1.1234e-03	-2.2197e-06	-1.4026e-05	0.0000e+00
480	0.0000e+00	0.0000e+00	-1.2329e-03	-2.6679e-06	-1.4913e-05	0.0000e+00
481	0.0000e+00	0.0000e+00	-1.3485e-03	-2.4810e-06	-1.5866e-05	0.0000e+00
482	0.0000e+00	0.0000e+00	-1.4425e-03	-1.7253e-06	-1.6549e-05	0.0000e+00
483	0.0000e+00	0.0000e+00	-7.1888e-04	7.1977e-07	-1.2179e-05	0.0000e+00
484	0.0000e+00	0.0000e+00	-6.7530e-04	1.2254e-06	-1.1810e-05	0.0000e+00
485	0.0000e+00	0.0000e+00	-6.1541e-04	1.4258e-06	-1.1247e-05	0.0000e+00
486	0.0000e+00	0.0000e+00	-5.5576e-04	1.2136e-06	-1.0688e-05	0.0000e+00
487	0.0000e+00	0.0000e+00	-5.1373e-04	6.4680e-07	-1.0302e-05	0.0000e+00
488	0.0000e+00	0.0000e+00	-5.0183e-04	-1.2510e-07	-1.0188e-05	0.0000e+00
489	0.0000e+00	0.0000e+00	-5.2509e-04	-9.1799e-07	-1.0382e-05	0.0000e+00
490	0.0000e+00	0.0000e+00	-5.8029e-04	-1.5448e-06	-1.0855e-05	0.0000e+00
491	0.0000e+00	0.0000e+00	-6.5642e-04	-1.8460e-06	-1.1515e-05	0.0000e+00
492	0.0000e+00	0.0000e+00	-7.3698e-04	-1.7425e-06	-1.2201e-05	0.0000e+00
493	0.0000e+00	0.0000e+00	-8.0502e-04	-1.3060e-06	-1.2719e-05	0.0000e+00
494	0.0000e+00	0.0000e+00	-2.6737e-04	5.2226e-07	-8.6072e-06	0.0000e+00
495	0.0000e+00	0.0000e+00	-2.3706e-04	8.3114e-07	-8.3579e-06	0.0000e+00
496	0.0000e+00	0.0000e+00	-1.9671e-04	9.5542e-07	-8.0023e-06	0.0000e+00
497	0.0000e+00	0.0000e+00	-1.5660e-04	8.1673e-07	-7.6464e-06	0.0000e+00
498	0.0000e+00	0.0000e+00	-1.2818e-04	4.3753e-07	-7.3976e-06	0.0000e+00
499	0.0000e+00	0.0000e+00	-1.2017e-04	-8.7981e-08	-7.3293e-06	0.0000e+00
500	0.0000e+00	0.0000e+00	-1.3624e-04	-6.3123e-07	-7.4685e-06	0.0000e+00
501	0.0000e+00	0.0000e+00	-1.7423e-04	-1.0605e-06	-7.7942e-06	0.0000e+00
502	0.0000e+00	0.0000e+00	-2.2664e-04	-1.2715e-06	-8.2389e-06	0.0000e+00

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654	0.0000e+00	0.0000e+00	3.2070e-04	3.1655e-08	-5.4498e-07	0.0000e+00
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656	0.0000e+00	0.0000e+00	2.7281e-04	6.1905e-07	1.0901e-06	0.0000e+00
657	0.0000e+00	0.0000e+00	3.0102e-04	6.3409e-07	9.6904e-07	0.0000e+00
658	0.0000e+00	0.0000e+00	3.2653e-04	5.0549e-07	8.8839e-07	0.0000e+00
659	0.0000e+00	0.0000e+00	3.4448e-04	2.9735e-07	8.4047e-07	0.0000e+00
660	0.0000e+00	0.0000e+00	3.5250e-04	6.2338e-08	8.2446e-07	0.0000e+00
661	0.0000e+00	0.0000e+00	3.5049e-04	-1.4956e-07	8.3950e-07	0.0000e+00
662	0.0000e+00	0.0000e+00	3.4049e-04	-2.9437e-07	8.8347e-07	0.0000e+00
663	0.0000e+00	0.0000e+00	3.2625e-04	-3.3797e-07	9.5386e-07	0.0000e+00
664	0.0000e+00	0.0000e+00	3.1294e-04	-2.4882e-07	1.0534e-06	0.0000e+00
665	0.0000e+00	0.0000e+00	3.0784e-04	3.2528e-08	1.1233e-06	0.0000e+00
666	0.0000e+00	0.0000e+00	1.8618e-04	7.4893e-07	2.9022e-06	0.0000e+00
667	0.0000e+00	0.0000e+00	2.1985e-04	7.5355e-07	2.7721e-06	0.0000e+00
668	0.0000e+00	0.0000e+00	2.5012e-04	6.0095e-07	2.6346e-06	0.0000e+00
669	0.0000e+00	0.0000e+00	2.7151e-04	3.5685e-07	2.5232e-06	0.0000e+00
670	0.0000e+00	0.0000e+00	2.8121e-04	7.9137e-08	2.4610e-06	0.0000e+00
671	0.0000e+00	0.0000e+00	2.7903e-04	-1.7376e-07	2.4546e-06	0.0000e+00
672	0.0000e+00	0.0000e+00	2.6725e-04	-3.4958e-07	2.4935e-06	0.0000e+00
673	0.0000e+00	0.0000e+00	2.5020e-04	-4.0932e-07	2.5519e-06	0.0000e+00
674	0.0000e+00	0.0000e+00	2.3376e-04	-3.2104e-07	2.5949e-06	0.0000e+00
675	0.0000e+00	0.0000e+00	-2.4696e-03	2.0001e-06	-1.7922e-05	0.0000e+00
676	0.0000e+00	0.0000e+00	-3.2225e-03	1.8607e-06	-1.6249e-05	0.0000e+00
677	0.0000e+00	0.0000e+00	-2.3824e-03	2.3223e-06	-1.7185e-05	0.0000e+00
678	0.0000e+00	0.0000e+00	-3.1191e-03	2.2609e-06	-1.6320e-05	0.0000e+00
679	0.0000e+00	0.0000e+00	-2.3039e-03	1.5914e-06	-1.6630e-05	0.0000e+00
680	0.0000e+00	0.0000e+00	-3.0268e-03	1.5781e-06	-1.6282e-05	0.0000e+00
681	0.0000e+00	0.0000e+00	-2.2690e-03	1.4119e-07	-1.6268e-05	0.0000e+00
682	0.0000e+00	0.0000e+00	-2.9821e-03	1.2329e-07	-1.6215e-05	0.0000e+00
683	0.0000e+00	0.0000e+00	-2.3014e-03	-1.7741e-06	-1.6110e-05	0.0000e+00
684	0.0000e+00	0.0000e+00	-3.0100e-03	-1.8189e-06	-1.6174e-05	0.0000e+00
685	0.0000e+00	0.0000e+00	-2.4149e-03	-3.9127e-06	-1.6146e-05	0.0000e+00
686	0.0000e+00	0.0000e+00	-3.1245e-03	-3.9738e-06	-1.6182e-05	0.0000e+00
687	0.0000e+00	0.0000e+00	-2.6134e-03	-6.0214e-06	-1.6344e-05	0.0000e+00
688	0.0000e+00	0.0000e+00	-3.3288e-03	-6.0617e-06	-1.6238e-05	0.0000e+00
689	0.0000e+00	0.0000e+00	-2.8902e-03	-7.8080e-06	-1.6651e-05	0.0000e+00
690	0.0000e+00	0.0000e+00	-3.6145e-03	-7.7870e-06	-1.6327e-05	0.0000e+00
691	0.0000e+00	0.0000e+00	-3.2243e-03	-8.8490e-06	-1.7079e-05	0.0000e+00
692	0.0000e+00	0.0000e+00	-3.9609e-03	-8.8335e-06	-1.6473e-05	0.0000e+00
693	0.0000e+00	0.0000e+00	-3.5747e-03	-8.4948e-06	-1.7037e-05	0.0000e+00
694	0.0000e+00	0.0000e+00	-1.7144e-03	1.1370e-06	-1.6474e-05	0.0000e+00
695	0.0000e+00	0.0000e+00	-1.6588e-03	1.4919e-06	-1.5778e-05	0.0000e+00
696	0.0000e+00	0.0000e+00	-1.6071e-03	9.7823e-07	-1.5143e-05	0.0000e+00
697	0.0000e+00	0.0000e+00	-1.5901e-03	-2.0709e-07	-1.4709e-05	0.0000e+00
698	0.0000e+00	0.0000e+00	-1.6303e-03	-1.8507e-06	-1.4525e-05	0.0000e+00
699	0.0000e+00	0.0000e+00	-1.7416e-03	-3.7410e-06	-1.4593e-05	0.0000e+00
700	0.0000e+00	0.0000e+00	-1.9295e-03	-5.6489e-06	-1.4886e-05	0.0000e+00
701	0.0000e+00	0.0000e+00	-2.1892e-03	-7.2932e-06	-1.5349e-05	0.0000e+00
702	0.0000e+00	0.0000e+00	-2.5028e-03	-8.2848e-06	-1.5960e-05	0.0000e+00
703	0.0000e+00	0.0000e+00	-2.8321e-03	-8.0019e-06	-1.6169e-05	0.0000e+00
704	0.0000e+00	0.0000e+00	-1.0578e-03	6.2702e-07	-1.3581e-05	0.0000e+00
705	0.0000e+00	0.0000e+00	-1.0266e-03	8.3090e-07	-1.3126e-05	0.0000e+00
706	0.0000e+00	0.0000e+00	-9.9940e-04	4.3229e-07	-1.2641e-05	0.0000e+00
707	0.0000e+00	0.0000e+00	-9.9954e-04	-5.1752e-07	-1.2296e-05	0.0000e+00
708	0.0000e+00	0.0000e+00	-1.0465e-03	-1.8840e-06	-1.2174e-05	0.0000e+00
709	0.0000e+00	0.0000e+00	-1.1536e-03	-3.5009e-06	-1.2304e-05	0.0000e+00
710	0.0000e+00	0.0000e+00	-1.3270e-03	-5.1709e-06	-1.2677e-05	0.0000e+00
711	0.0000e+00	0.0000e+00	-1.5640e-03	-6.6421e-06	-1.3250e-05	0.0000e+00
712	0.0000e+00	0.0000e+00	-1.8500e-03	-7.5709e-06	-1.3977e-05	0.0000e+00
713	0.0000e+00	0.0000e+00	-2.1529e-03	-7.4244e-06	-1.4431e-05	0.0000e+00
714	0.0000e+00	0.0000e+00	-5.3662e-04	3.3320e-07	-1.0345e-05	0.0000e+00
715	0.0000e+00	0.0000e+00	-5.2062e-04	3.9944e-07	-1.0082e-05	0.0000e+00
716	0.0000e+00	0.0000e+00	-5.1006e-04	5.1991e-08	-9.7872e-06	0.0000e+00
717	0.0000e+00	0.0000e+00	-5.2201e-04	-7.1753e-07	-9.5849e-06	0.0000e+00
718	0.0000e+00	0.0000e+00	-5.7212e-04	-1.8377e-06	-9.5604e-06	0.0000e+00

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721 0.0000e+00 0.0000e+00 -1.0388e-03 -5.8924e-06 -1.0807e-05 0.0000e+00  
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723 0.0000e+00 0.0000e+00 -1.5664e-03 -6.7894e-06 -1.2167e-05 0.0000e+00  
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830 0.0000e+00 0.0000e+00 2.6407e-05 -1.4966e-07 -5.6081e-06 0.0000e+00  
831 0.0000e+00 0.0000e+00 2.3529e-05 7.2897e-11 -5.6358e-06 0.0000e+00  
832 0.0000e+00 0.0000e+00 2.4546e-05 2.7298e-08 -5.6390e-06 0.0000e+00  
833 0.0000e+00 0.0000e+00 2.4468e-05 -3.9898e-08 -5.6537e-06 0.0000e+00  
834 0.0000e+00 0.0000e+00 2.0615e-05 -1.3086e-07 -5.6981e-06 0.0000e+00  
835 0.0000e+00 0.0000e+00 1.3643e-05 -1.7107e-07 -5.7634e-06 0.0000e+00  
836 0.0000e+00 0.0000e+00 6.8622e-06 -1.2041e-07 -5.8212e-06 0.0000e+00  
837 0.0000e+00 0.0000e+00 4.0848e-06 1.5714e-09 -5.8434e-06 0.0000e+00  
838 0.0000e+00 0.0000e+00 2.1257e-04 -9.0228e-08 -2.9956e-06 0.0000e+00  
839 0.0000e+00 0.0000e+00 2.1158e-04 3.0017e-08 -3.0522e-06 0.0000e+00  
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841 0.0000e+00 0.0000e+00 2.1430e-04 -1.6981e-08 -3.1092e-06 0.0000e+00  
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843 0.0000e+00 0.0000e+00 2.0617e-04 -1.4045e-07 -3.1285e-06 0.0000e+00  
844 0.0000e+00 0.0000e+00 2.0047e-04 -1.0409e-07 -3.1230e-06 0.0000e+00  
845 0.0000e+00 0.0000e+00 1.9803e-04 4.8478e-10 -3.1172e-06 0.0000e+00  
846 0.0000e+00 0.0000e+00 2.9419e-04 -1.9556e-08 -7.9183e-07 0.0000e+00  
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849 0.0000e+00 0.0000e+00 3.0168e-04 -5.4402e-09 -9.4074e-07 0.0000e+00  
850 0.0000e+00 0.0000e+00 2.9918e-04 -1.0606e-07 -9.3329e-07 0.0000e+00  
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862 0.0000e+00 0.0000e+00 1.9660e-04 9.8151e-08 2.9718e-06 0.0000e+00

863	0.0000e+00	0.0000e+00	2.0301e-04	1.8003e-07	2.9941e-06	0.0000e+00
864	0.0000e+00	0.0000e+00	2.0988e-04	1.2390e-07	2.9927e-06	0.0000e+00
865	0.0000e+00	0.0000e+00	2.1250e-04	-9.9184e-09	2.9936e-06	0.0000e+00
866	0.0000e+00	0.0000e+00	2.0869e-04	-1.6322e-07	3.0095e-06	0.0000e+00
867	0.0000e+00	0.0000e+00	1.9894e-04	-2.7488e-07	3.0347e-06	0.0000e+00
868	0.0000e+00	0.0000e+00	1.8658e-04	-2.7659e-07	3.0491e-06	0.0000e+00
869	0.0000e+00	0.0000e+00	-3.1141e-03	2.0341e-06	-2.1335e-05	0.0000e+00
870	0.0000e+00	0.0000e+00	-4.0111e-03	1.8197e-06	-1.9386e-05	0.0000e+00
871	0.0000e+00	0.0000e+00	-3.0213e-03	2.1897e-06	-2.0619e-05	0.0000e+00
872	0.0000e+00	0.0000e+00	-3.9048e-03	2.1127e-06	-1.9569e-05	0.0000e+00
873	0.0000e+00	0.0000e+00	-2.9417e-03	1.4499e-06	-2.0161e-05	0.0000e+00
874	0.0000e+00	0.0000e+00	-3.8149e-03	1.4811e-06	-1.9592e-05	0.0000e+00
875	0.0000e+00	0.0000e+00	-2.9029e-03	3.2850e-07	-1.9954e-05	0.0000e+00
876	0.0000e+00	0.0000e+00	-3.7701e-03	4.2985e-07	-1.9535e-05	0.0000e+00
877	0.0000e+00	0.0000e+00	-2.9119e-03	-7.3712e-07	-2.0004e-05	0.0000e+00
878	0.0000e+00	0.0000e+00	-3.7780e-03	-5.6355e-07	-1.9429e-05	0.0000e+00
879	0.0000e+00	0.0000e+00	-2.9567e-03	-1.3108e-06	-2.0298e-05	0.0000e+00
880	0.0000e+00	0.0000e+00	-3.8260e-03	-1.0228e-06	-1.9240e-05	0.0000e+00
881	0.0000e+00	0.0000e+00	-3.0053e-03	-8.8159e-07	-2.0835e-05	0.0000e+00
882	0.0000e+00	0.0000e+00	-3.8803e-03	-4.4736e-07	-1.8883e-05	0.0000e+00
883	0.0000e+00	0.0000e+00	-2.2116e-03	1.1767e-06	-1.9765e-05	0.0000e+00
884	0.0000e+00	0.0000e+00	-2.1504e-03	1.4772e-06	-1.9044e-05	0.0000e+00
885	0.0000e+00	0.0000e+00	-2.0936e-03	1.0403e-06	-1.8495e-05	0.0000e+00
886	0.0000e+00	0.0000e+00	-2.0648e-03	2.5591e-07	-1.8254e-05	0.0000e+00
887	0.0000e+00	0.0000e+00	-2.0704e-03	-4.7762e-07	-1.8350e-05	0.0000e+00
888	0.0000e+00	0.0000e+00	-2.0995e-03	-7.6406e-07	-1.8742e-05	0.0000e+00
889	0.0000e+00	0.0000e+00	-2.1245e-03	-2.2249e-07	-1.9276e-05	0.0000e+00
890	0.0000e+00	0.0000e+00	-1.4201e-03	6.6302e-07	-1.6452e-05	0.0000e+00
891	0.0000e+00	0.0000e+00	-1.3841e-03	8.9638e-07	-1.5976e-05	0.0000e+00
892	0.0000e+00	0.0000e+00	-1.3486e-03	6.6739e-07	-1.5549e-05	0.0000e+00
893	0.0000e+00	0.0000e+00	-1.3294e-03	1.8790e-07	-1.5347e-05	0.0000e+00
894	0.0000e+00	0.0000e+00	-1.3314e-03	-2.4779e-07	-1.5419e-05	0.0000e+00
895	0.0000e+00	0.0000e+00	-1.3460e-03	-3.4917e-07	-1.5700e-05	0.0000e+00
896	0.0000e+00	0.0000e+00	-1.3538e-03	8.0593e-08	-1.5996e-05	0.0000e+00
897	0.0000e+00	0.0000e+00	-7.8587e-04	3.6313e-07	-1.2654e-05	0.0000e+00
898	0.0000e+00	0.0000e+00	-7.6571e-04	5.0920e-07	-1.2374e-05	0.0000e+00
899	0.0000e+00	0.0000e+00	-7.4502e-04	3.9456e-07	-1.2101e-05	0.0000e+00
900	0.0000e+00	0.0000e+00	-7.3327e-04	1.2878e-07	-1.1960e-05	0.0000e+00
901	0.0000e+00	0.0000e+00	-7.3312e-04	-1.0109e-07	-1.1990e-05	0.0000e+00
902	0.0000e+00	0.0000e+00	-7.3884e-04	-1.1265e-07	-1.2137e-05	0.0000e+00
903	0.0000e+00	0.0000e+00	-7.3832e-04	1.8766e-07	-1.2259e-05	0.0000e+00
904	0.0000e+00	0.0000e+00	-3.1480e-04	2.0058e-07	-9.0143e-06	0.0000e+00
905	0.0000e+00	0.0000e+00	-3.0354e-04	2.8547e-07	-8.8668e-06	0.0000e+00
906	0.0000e+00	0.0000e+00	-2.9180e-04	2.2520e-07	-8.7145e-06	0.0000e+00
907	0.0000e+00	0.0000e+00	-2.8494e-04	8.0109e-08	-8.6270e-06	0.0000e+00
908	0.0000e+00	0.0000e+00	-2.8427e-04	-3.6220e-08	-8.6267e-06	0.0000e+00
909	0.0000e+00	0.0000e+00	-2.8603e-04	-1.4656e-08	-8.6785e-06	0.0000e+00
910	0.0000e+00	0.0000e+00	-2.8280e-04	1.9091e-07	-8.7012e-06	0.0000e+00
911	0.0000e+00	0.0000e+00	7.0036e-06	1.2371e-07	-5.8188e-06	0.0000e+00
912	0.0000e+00	0.0000e+00	1.3937e-05	1.7467e-07	-5.7587e-06	0.0000e+00
913	0.0000e+00	0.0000e+00	2.1072e-05	1.3461e-07	-5.6913e-06	0.0000e+00
914	0.0000e+00	0.0000e+00	2.5087e-05	4.3375e-08	-5.6451e-06	0.0000e+00
915	0.0000e+00	0.0000e+00	2.5301e-05	-2.4694e-08	-5.6288e-06	0.0000e+00
916	0.0000e+00	0.0000e+00	2.4368e-05	1.0187e-09	-5.6244e-06	0.0000e+00
917	0.0000e+00	0.0000e+00	2.7252e-05	1.4876e-07	-5.5959e-06	0.0000e+00
918	0.0000e+00	0.0000e+00	2.0052e-04	1.0537e-07	-3.1211e-06	0.0000e+00
919	0.0000e+00	0.0000e+00	2.0628e-04	1.4230e-07	-3.1250e-06	0.0000e+00
920	0.0000e+00	0.0000e+00	2.1189e-04	1.0089e-07	-3.1185e-06	0.0000e+00
921	0.0000e+00	0.0000e+00	2.1461e-04	1.9161e-08	-3.1035e-06	0.0000e+00
922	0.0000e+00	0.0000e+00	2.1394e-04	-4.3259e-08	-3.0814e-06	0.0000e+00
923	0.0000e+00	0.0000e+00	2.1202e-04	-2.9668e-08	-3.0451e-06	0.0000e+00
924	0.0000e+00	0.0000e+00	2.1299e-04	8.9009e-08	-2.9881e-06	0.0000e+00
925	0.0000e+00	0.0000e+00	2.8588e-04	1.3623e-07	-8.3797e-07	0.0000e+00
926	0.0000e+00	0.0000e+00	2.9295e-04	1.6802e-07	-8.9545e-07	0.0000e+00
927	0.0000e+00	0.0000e+00	2.9922e-04	1.0757e-07	-9.3032e-07	0.0000e+00
928	0.0000e+00	0.0000e+00	3.0180e-04	7.0534e-09	-9.3742e-07	0.0000e+00
929	0.0000e+00	0.0000e+00	3.0017e-04	-7.6320e-08	-9.1688e-07	0.0000e+00
930	0.0000e+00	0.0000e+00	2.9630e-04	-8.7778e-08	-8.6608e-07	0.0000e+00
931	0.0000e+00	0.0000e+00	2.9437e-04	1.7990e-08	-7.8806e-07	0.0000e+00
932	0.0000e+00	0.0000e+00	2.7813e-04	2.1968e-07	1.1693e-06	0.0000e+00
933	0.0000e+00	0.0000e+00	2.8832e-04	2.2976e-07	1.0849e-06	0.0000e+00
934	0.0000e+00	0.0000e+00	2.9650e-04	1.3654e-07	1.0376e-06	0.0000e+00

935	0.0000e+00	0.0000e+00	2.9964e-04	5.5342e-09	1.0204e-06	0.0000e+00
936	0.0000e+00	0.0000e+00	2.9730e-04	-1.0858e-07	1.0318e-06	0.0000e+00
937	0.0000e+00	0.0000e+00	2.9135e-04	-1.5372e-07	1.0716e-06	0.0000e+00
938	0.0000e+00	0.0000e+00	2.8607e-04	-7.1834e-08	1.1461e-06	0.0000e+00
939	0.0000e+00	0.0000e+00	1.8644e-04	2.7570e-07	3.0492e-06	0.0000e+00
940	0.0000e+00	0.0000e+00	1.9880e-04	2.7555e-07	3.0350e-06	0.0000e+00
941	0.0000e+00	0.0000e+00	2.0859e-04	1.6457e-07	3.0098e-06	0.0000e+00
942	0.0000e+00	0.0000e+00	2.1247e-04	1.1486e-08	2.9939e-06	0.0000e+00
943	0.0000e+00	0.0000e+00	2.0992e-04	-1.2250e-07	2.9930e-06	0.0000e+00
944	0.0000e+00	0.0000e+00	2.0309e-04	-1.7932e-07	2.9942e-06	0.0000e+00
945	0.0000e+00	0.0000e+00	1.9668e-04	-9.9121e-08	2.9716e-06	0.0000e+00
946	0.0000e+00	0.0000e+00	-3.1925e-03	-7.5645e-07	-2.1233e-05	0.0000e+00
947	0.0000e+00	0.0000e+00	-4.0770e-03	-1.2816e-06	-1.8903e-05	0.0000e+00
948	0.0000e+00	0.0000e+00	-3.2077e-03	-3.6273e-08	-2.0994e-05	0.0000e+00
949	0.0000e+00	0.0000e+00	-4.0958e-03	-3.8571e-07	-1.9374e-05	0.0000e+00
950	0.0000e+00	0.0000e+00	-3.2083e-03	5.1487e-09	-2.0905e-05	0.0000e+00
951	0.0000e+00	0.0000e+00	-4.0991e-03	-1.4569e-07	-1.9622e-05	0.0000e+00
952	0.0000e+00	0.0000e+00	-3.2115e-03	-1.6532e-07	-2.0950e-05	0.0000e+00
953	0.0000e+00	0.0000e+00	-4.1044e-03	-1.2842e-07	-1.9672e-05	0.0000e+00
954	0.0000e+00	0.0000e+00	-3.2177e-03	-1.4252e-07	-2.1132e-05	0.0000e+00
955	0.0000e+00	0.0000e+00	-4.1121e-03	8.9642e-08	-1.9526e-05	0.0000e+00
956	0.0000e+00	0.0000e+00	-3.2103e-03	5.4118e-07	-2.1469e-05	0.0000e+00
957	0.0000e+00	0.0000e+00	-4.1057e-03	9.4209e-07	-1.9159e-05	0.0000e+00
958	0.0000e+00	0.0000e+00	-2.2906e-03	-1.0391e-06	-1.9831e-05	0.0000e+00
959	0.0000e+00	0.0000e+00	-2.3150e-03	-2.8955e-07	-1.9660e-05	0.0000e+00
960	0.0000e+00	0.0000e+00	-2.3208e-03	-5.7665e-08	-1.9535e-05	0.0000e+00
961	0.0000e+00	0.0000e+00	-2.3222e-03	-1.2112e-08	-1.9573e-05	0.0000e+00
962	0.0000e+00	0.0000e+00	-2.3194e-03	2.0565e-07	-1.9775e-05	0.0000e+00
963	0.0000e+00	0.0000e+00	-2.2990e-03	9.2685e-07	-2.0028e-05	0.0000e+00
964	0.0000e+00	0.0000e+00	-1.4940e-03	-9.9403e-07	-1.6612e-05	0.0000e+00
965	0.0000e+00	0.0000e+00	-1.5209e-03	-4.0650e-07	-1.6630e-05	0.0000e+00
966	0.0000e+00	0.0000e+00	-1.5302e-03	-9.5601e-08	-1.6591e-05	0.0000e+00
967	0.0000e+00	0.0000e+00	-1.5301e-03	9.8634e-08	-1.6620e-05	0.0000e+00
968	0.0000e+00	0.0000e+00	-1.5209e-03	3.9896e-07	-1.6718e-05	0.0000e+00
969	0.0000e+00	0.0000e+00	-1.4948e-03	9.6432e-07	-1.6763e-05	0.0000e+00
970	0.0000e+00	0.0000e+00	-8.5184e-04	-8.1160e-07	-1.2850e-05	0.0000e+00
971	0.0000e+00	0.0000e+00	-8.7538e-04	-3.8803e-07	-1.2962e-05	0.0000e+00
972	0.0000e+00	0.0000e+00	-8.8457e-04	-9.0977e-08	-1.2991e-05	0.0000e+00
973	0.0000e+00	0.0000e+00	-8.8345e-04	1.4726e-07	-1.3011e-05	0.0000e+00
974	0.0000e+00	0.0000e+00	-8.7218e-04	4.3653e-07	-1.3023e-05	0.0000e+00
975	0.0000e+00	0.0000e+00	-8.4705e-04	8.4337e-07	-1.2956e-05	0.0000e+00
976	0.0000e+00	0.0000e+00	-3.7216e-04	-6.0028e-07	-9.2088e-06	0.0000e+00
977	0.0000e+00	0.0000e+00	-3.9010e-04	-3.0310e-07	-9.3419e-06	0.0000e+00
978	0.0000e+00	0.0000e+00	-3.9722e-04	-6.1046e-08	-9.3987e-06	0.0000e+00
979	0.0000e+00	0.0000e+00	-3.9539e-04	1.5298e-07	-9.4115e-06	0.0000e+00
980	0.0000e+00	0.0000e+00	-3.8471e-04	3.8956e-07	-9.3812e-06	0.0000e+00
981	0.0000e+00	0.0000e+00	-3.6357e-04	6.7476e-07	-9.2774e-06	0.0000e+00
982	0.0000e+00	0.0000e+00	-4.2381e-05	-4.1412e-07	-5.9888e-06	0.0000e+00
983	0.0000e+00	0.0000e+00	-5.4715e-05	-2.0389e-07	-6.1086e-06	0.0000e+00
984	0.0000e+00	0.0000e+00	-5.9219e-05	-2.4721e-08	-6.1685e-06	0.0000e+00
985	0.0000e+00	0.0000e+00	-5.6958e-05	1.3809e-07	-6.1756e-06	0.0000e+00
986	0.0000e+00	0.0000e+00	-4.8007e-05	3.1360e-07	-6.1307e-06	0.0000e+00
987	0.0000e+00	0.0000e+00	-3.1458e-05	5.1572e-07	-6.0281e-06	0.0000e+00
988	0.0000e+00	0.0000e+00	1.5774e-04	-2.7004e-07	-3.2536e-06	0.0000e+00
989	0.0000e+00	0.0000e+00	1.5014e-04	-1.1227e-07	-3.3522e-06	0.0000e+00
990	0.0000e+00	0.0000e+00	1.4815e-04	9.5031e-09	-3.4072e-06	0.0000e+00
991	0.0000e+00	0.0000e+00	1.5063e-04	1.1477e-07	-3.4104e-06	0.0000e+00
992	0.0000e+00	0.0000e+00	1.5754e-04	2.3414e-07	-3.3620e-06	0.0000e+00
993	0.0000e+00	0.0000e+00	1.6989e-04	3.8660e-07	-3.2715e-06	0.0000e+00
994	0.0000e+00	0.0000e+00	2.4782e-04	-1.6263e-07	-9.2140e-07	0.0000e+00
995	0.0000e+00	0.0000e+00	2.4410e-04	-3.1560e-08	-1.0041e-06	0.0000e+00
996	0.0000e+00	0.0000e+00	2.4433e-04	3.9482e-08	-1.0513e-06	0.0000e+00
997	0.0000e+00	0.0000e+00	2.4689e-04	8.8617e-08	-1.0519e-06	0.0000e+00
998	0.0000e+00	0.0000e+00	2.5174e-04	1.5777e-07	-1.0060e-06	0.0000e+00
999	0.0000e+00	0.0000e+00	2.6043e-04	2.8489e-07	-9.2479e-07	0.0000e+00
1000	0.0000e+00	0.0000e+00	2.4234e-04	-7.3716e-08	1.1510e-06	0.0000e+00
1001	0.0000e+00	0.0000e+00	2.4161e-04	3.1464e-08	1.0966e-06	0.0000e+00
1002	0.0000e+00	0.0000e+00	2.4346e-04	6.0361e-08	1.0737e-06	0.0000e+00
1003	0.0000e+00	0.0000e+00	2.4601e-04	6.7201e-08	1.0746e-06	0.0000e+00
1004	0.0000e+00	0.0000e+00	2.4922e-04	9.4095e-08	1.0995e-06	0.0000e+00
1005	0.0000e+00	0.0000e+00	2.5488e-04	1.9475e-07	1.1565e-06	0.0000e+00
1006	0.0000e+00	0.0000e+00	1.4976e-04	-7.9848e-08	3.1133e-06	0.0000e+00



1007	0.0000e+00	0.0000e+00	1.4868e-04	2.5222e-08	3.1868e-06	0.0000e+00
1008	0.0000e+00	0.0000e+00	1.5033e-04	5.7235e-08	3.2212e-06	0.0000e+00
1009	0.0000e+00	0.0000e+00	1.5281e-04	6.6855e-08	3.2234e-06	0.0000e+00
1010	0.0000e+00	0.0000e+00	1.5608e-04	9.6465e-08	3.1937e-06	0.0000e+00
1011	0.0000e+00	0.0000e+00	1.6191e-04	1.9615e-07	3.1257e-06	0.0000e+00
1012	0.0000e+00	0.0000e+00	-3.2105e-03	-4.8400e-07	-2.1465e-05	0.0000e+00
1013	0.0000e+00	0.0000e+00	-4.1055e-03	-8.7721e-07	-1.9147e-05	0.0000e+00
1014	0.0000e+00	0.0000e+00	-3.2154e-03	2.1389e-07	-2.1114e-05	0.0000e+00
1015	0.0000e+00	0.0000e+00	-4.1089e-03	-8.8007e-09	-1.9505e-05	0.0000e+00
1016	0.0000e+00	0.0000e+00	-3.2062e-03	2.4295e-07	-2.0918e-05	0.0000e+00
1017	0.0000e+00	0.0000e+00	-4.0977e-03	2.1596e-07	-1.9642e-05	0.0000e+00
1018	0.0000e+00	0.0000e+00	-3.1999e-03	7.0573e-08	-2.0858e-05	0.0000e+00
1019	0.0000e+00	0.0000e+00	-4.0888e-03	2.3031e-07	-1.9582e-05	0.0000e+00
1020	0.0000e+00	0.0000e+00	-3.1965e-03	1.0102e-07	-2.0933e-05	0.0000e+00
1021	0.0000e+00	0.0000e+00	-4.0821e-03	4.5682e-07	-1.9326e-05	0.0000e+00
1022	0.0000e+00	0.0000e+00	-3.1791e-03	7.9941e-07	-2.1160e-05	0.0000e+00
1023	0.0000e+00	0.0000e+00	-4.0608e-03	1.3270e-06	-1.8850e-05	0.0000e+00
1024	0.0000e+00	0.0000e+00	-2.2993e-03	-8.8299e-07	-2.0026e-05	0.0000e+00
1025	0.0000e+00	0.0000e+00	-2.3178e-03	-1.5047e-07	-1.9760e-05	0.0000e+00
1026	0.0000e+00	0.0000e+00	-2.3182e-03	7.2454e-08	-1.9543e-05	0.0000e+00
1027	0.0000e+00	0.0000e+00	-2.3144e-03	1.1626e-07	-1.9490e-05	0.0000e+00
1028	0.0000e+00	0.0000e+00	-2.3064e-03	3.3869e-07	-1.9600e-05	0.0000e+00
1029	0.0000e+00	0.0000e+00	-2.2804e-03	1.0704e-06	-1.9759e-05	0.0000e+00
1030	0.0000e+00	0.0000e+00	-1.4952e-03	-9.3190e-07	-1.6761e-05	0.0000e+00
1031	0.0000e+00	0.0000e+00	-1.5199e-03	-3.5833e-07	-1.6705e-05	0.0000e+00
1032	0.0000e+00	0.0000e+00	-1.5273e-03	-5.4214e-08	-1.6594e-05	0.0000e+00
1033	0.0000e+00	0.0000e+00	-1.5256e-03	1.3850e-07	-1.6552e-05	0.0000e+00
1034	0.0000e+00	0.0000e+00	-1.5148e-03	4.4205e-07	-1.6579e-05	0.0000e+00
1035	0.0000e+00	0.0000e+00	-1.4867e-03	1.0165e-06	-1.6551e-05	0.0000e+00
1036	0.0000e+00	0.0000e+00	-8.4755e-04	-8.2043e-07	-1.2955e-05	0.0000e+00
1037	0.0000e+00	0.0000e+00	-8.7163e-04	-4.0792e-07	-1.3013e-05	0.0000e+00
1038	0.0000e+00	0.0000e+00	-8.8169e-04	-1.1605e-07	-1.2991e-05	0.0000e+00
1039	0.0000e+00	0.0000e+00	-8.8157e-04	1.2100e-07	-1.2960e-05	0.0000e+00
1040	0.0000e+00	0.0000e+00	-8.7126e-04	4.1283e-07	-1.2921e-05	0.0000e+00
1041	0.0000e+00	0.0000e+00	-8.4690e-04	8.2750e-07	-1.2802e-05	0.0000e+00
1042	0.0000e+00	0.0000e+00	-3.6413e-04	-6.5922e-07	-9.2763e-06	0.0000e+00
1043	0.0000e+00	0.0000e+00	-3.8457e-04	-3.7019e-07	-9.3734e-06	0.0000e+00
1044	0.0000e+00	0.0000e+00	-3.9442e-04	-1.3186e-07	-9.3960e-06	0.0000e+00
1045	0.0000e+00	0.0000e+00	-3.9541e-04	8.1355e-08	-9.3754e-06	0.0000e+00
1046	0.0000e+00	0.0000e+00	-3.8753e-04	3.1991e-07	-9.3117e-06	0.0000e+00
1047	0.0000e+00	0.0000e+00	-3.6903e-04	6.1128e-07	-9.1734e-06	0.0000e+00
1048	0.0000e+00	0.0000e+00	-3.2055e-05	-5.0571e-07	-6.0276e-06	0.0000e+00
1049	0.0000e+00	0.0000e+00	-4.8143e-05	-3.0094e-07	-6.1255e-06	0.0000e+00
1050	0.0000e+00	0.0000e+00	-5.6553e-05	-1.2417e-07	-6.1651e-06	0.0000e+00
1051	0.0000e+00	0.0000e+00	-5.8257e-05	3.8120e-08	-6.1526e-06	0.0000e+00
1052	0.0000e+00	0.0000e+00	-5.3256e-05	2.1499e-07	-6.0878e-06	0.0000e+00
1053	0.0000e+00	0.0000e+00	-4.0546e-05	4.2150e-07	-5.9644e-06	0.0000e+00
1054	0.0000e+00	0.0000e+00	1.6929e-04	-3.8053e-07	-3.2717e-06	0.0000e+00
1055	0.0000e+00	0.0000e+00	1.5722e-04	-2.2604e-07	-3.3590e-06	0.0000e+00
1056	0.0000e+00	0.0000e+00	1.5067e-04	-1.0566e-07	-3.4040e-06	0.0000e+00
1057	0.0000e+00	0.0000e+00	1.4856e-04	-7.2733e-10	-3.3974e-06	0.0000e+00
1058	0.0000e+00	0.0000e+00	1.5087e-04	1.1943e-07	-3.3392e-06	0.0000e+00
1059	0.0000e+00	0.0000e+00	1.5871e-04	2.7471e-07	-3.2380e-06	0.0000e+00
1060	0.0000e+00	0.0000e+00	2.5985e-04	-2.8155e-07	-9.2563e-07	0.0000e+00
1061	0.0000e+00	0.0000e+00	2.5134e-04	-1.5247e-07	-1.0049e-06	0.0000e+00
1062	0.0000e+00	0.0000e+00	2.4673e-04	-8.2379e-08	-1.0489e-06	0.0000e+00
1063	0.0000e+00	0.0000e+00	2.4442e-04	-3.3488e-08	-1.0464e-06	0.0000e+00
1064	0.0000e+00	0.0000e+00	2.4440e-04	3.6174e-08	-9.9748e-07	0.0000e+00
1065	0.0000e+00	0.0000e+00	2.4827e-04	1.6514e-07	-9.1301e-07	0.0000e+00
1066	0.0000e+00	0.0000e+00	2.5435e-04	-1.9296e-07	1.1552e-06	0.0000e+00
1067	0.0000e+00	0.0000e+00	2.4881e-04	-9.0168e-08	1.0989e-06	0.0000e+00
1068	0.0000e+00	0.0000e+00	2.4578e-04	-6.2418e-08	1.0749e-06	0.0000e+00
1069	0.0000e+00	0.0000e+00	2.4343e-04	-5.5713e-08	1.0748e-06	0.0000e+00
1070	0.0000e+00	0.0000e+00	2.4174e-04	-2.8015e-08	1.0983e-06	0.0000e+00
1071	0.0000e+00	0.0000e+00	2.4256e-04	7.4553e-08	1.1533e-06	0.0000e+00
1072	0.0000e+00	0.0000e+00	1.6149e-04	-1.9516e-07	3.1222e-06	0.0000e+00
1073	0.0000e+00	0.0000e+00	1.5574e-04	-9.3437e-08	3.1912e-06	0.0000e+00
1074	0.0000e+00	0.0000e+00	1.5261e-04	-6.2903e-08	3.2217e-06	0.0000e+00
1075	0.0000e+00	0.0000e+00	1.5029e-04	-5.3159e-08	3.2201e-06	0.0000e+00
1076	0.0000e+00	0.0000e+00	1.4880e-04	-2.1851e-08	3.1859e-06	0.0000e+00
1077	0.0000e+00	0.0000e+00	1.4997e-04	8.1291e-08	3.1121e-06	0.0000e+00
1078	0.0000e+00	0.0000e+00	-5.6258e-04	4.6092e-06	5.1153e-06	0.0000e+00

1079	0.0000e+00	0.0000e+00	-3.8244e-04	4.3421e-06	4.8929e-06	0.0000e+00
1080	0.0000e+00	0.0000e+00	-2.2032e-04	3.7120e-06	4.6313e-06	0.0000e+00
1081	0.0000e+00	0.0000e+00	-8.8200e-05	2.8674e-06	4.4096e-06	0.0000e+00
1082	0.0000e+00	0.0000e+00	8.4646e-06	1.9614e-06	4.2666e-06	0.0000e+00
1083	0.0000e+00	0.0000e+00	6.9700e-05	1.1141e-06	4.2151e-06	0.0000e+00
1084	0.0000e+00	0.0000e+00	9.9730e-05	4.1497e-07	4.2427e-06	0.0000e+00
1085	0.0000e+00	0.0000e+00	1.0581e-04	-7.4718e-08	4.3178e-06	0.0000e+00
1086	0.0000e+00	0.0000e+00	9.7112e-05	-3.1962e-07	4.3945e-06	0.0000e+00
1087	0.0000e+00	0.0000e+00	8.3874e-05	-3.0123e-07	4.4243e-06	0.0000e+00
1088	0.0000e+00	0.0000e+00	7.6581e-05	-3.4805e-08	4.4207e-06	0.0000e+00
1089	0.0000e+00	0.0000e+00	-8.3432e-04	4.8580e-06	7.3433e-06	0.0000e+00
1090	0.0000e+00	0.0000e+00	-6.4187e-04	4.6923e-06	7.0669e-06	0.0000e+00
1091	0.0000e+00	0.0000e+00	-4.6617e-04	4.0352e-06	6.6956e-06	0.0000e+00
1092	0.0000e+00	0.0000e+00	-3.2292e-04	3.1003e-06	6.4084e-06	0.0000e+00
1093	0.0000e+00	0.0000e+00	-2.1944e-04	2.0739e-06	6.2426e-06	0.0000e+00
1094	0.0000e+00	0.0000e+00	-1.5623e-04	1.1084e-06	6.2111e-06	0.0000e+00
1095	0.0000e+00	0.0000e+00	-1.2846e-04	3.1951e-07	6.2978e-06	0.0000e+00
1096	0.0000e+00	0.0000e+00	-1.2730e-04	-2.0982e-07	6.4626e-06	0.0000e+00
1097	0.0000e+00	0.0000e+00	-1.4129e-04	-4.3213e-07	6.6454e-06	0.0000e+00
1098	0.0000e+00	0.0000e+00	-1.5799e-04	-3.5044e-07	6.7832e-06	0.0000e+00
1099	0.0000e+00	0.0000e+00	-1.6650e-04	-4.7751e-08	6.8453e-06	0.0000e+00
1100	0.0000e+00	0.0000e+00	-1.2021e-03	5.1424e-06	9.4489e-06	0.0000e+00
1101	0.0000e+00	0.0000e+00	-9.9486e-04	5.1230e-06	9.2006e-06	0.0000e+00
1102	0.0000e+00	0.0000e+00	-8.0274e-04	4.4184e-06	8.7948e-06	0.0000e+00
1103	0.0000e+00	0.0000e+00	-6.4686e-04	3.3503e-06	8.5074e-06	0.0000e+00
1104	0.0000e+00	0.0000e+00	-5.3678e-04	2.1584e-06	8.3753e-06	0.0000e+00
1105	0.0000e+00	0.0000e+00	-4.7361e-04	1.0296e-06	8.4157e-06	0.0000e+00
1106	0.0000e+00	0.0000e+00	-4.5185e-04	1.0844e-07	8.6152e-06	0.0000e+00
1107	0.0000e+00	0.0000e+00	-4.6089e-04	-4.9324e-07	8.9324e-06	0.0000e+00
1108	0.0000e+00	0.0000e+00	-4.8637e-04	-7.0471e-07	9.2938e-06	0.0000e+00
1109	0.0000e+00	0.0000e+00	-5.1239e-04	-5.2856e-07	9.5978e-06	0.0000e+00
1110	0.0000e+00	0.0000e+00	-5.2531e-04	-8.4059e-08	9.7472e-06	0.0000e+00
1111	0.0000e+00	0.0000e+00	-1.6586e-03	5.4161e-06	1.1294e-05	0.0000e+00
1112	0.0000e+00	0.0000e+00	-1.4370e-03	5.5452e-06	1.1165e-05	0.0000e+00
1113	0.0000e+00	0.0000e+00	-1.2291e-03	4.7747e-06	1.0809e-05	0.0000e+00
1114	0.0000e+00	0.0000e+00	-1.0622e-03	3.5475e-06	1.0596e-05	0.0000e+00
1115	0.0000e+00	0.0000e+00	-9.4820e-04	2.1597e-06	1.0552e-05	0.0000e+00
1116	0.0000e+00	0.0000e+00	-8.8906e-04	8.3015e-07	1.0700e-05	0.0000e+00
1117	0.0000e+00	0.0000e+00	-8.7893e-04	-2.6806e-07	1.1040e-05	0.0000e+00
1118	0.0000e+00	0.0000e+00	-9.0558e-04	-9.8691e-07	1.1541e-05	0.0000e+00
1119	0.0000e+00	0.0000e+00	-9.5135e-04	-1.2061e-06	1.2128e-05	0.0000e+00
1120	0.0000e+00	0.0000e+00	-9.9501e-04	-8.8203e-07	1.2657e-05	0.0000e+00
1121	0.0000e+00	0.0000e+00	-1.0167e-03	-1.5319e-07	1.2927e-05	0.0000e+00
1122	0.0000e+00	0.0000e+00	-2.1895e-03	5.6319e-06	1.2671e-05	0.0000e+00
1123	0.0000e+00	0.0000e+00	-1.9566e-03	5.8659e-06	1.2755e-05	0.0000e+00
1124	0.0000e+00	0.0000e+00	-1.7373e-03	5.0144e-06	1.2526e-05	0.0000e+00
1125	0.0000e+00	0.0000e+00	-1.5639e-03	3.6268e-06	1.2452e-05	0.0000e+00
1126	0.0000e+00	0.0000e+00	-1.4507e-03	2.0424e-06	1.2529e-05	0.0000e+00
1127	0.0000e+00	0.0000e+00	-1.4005e-03	4.9873e-07	1.2788e-05	0.0000e+00
1128	0.0000e+00	0.0000e+00	-1.4077e-03	-8.0864e-07	1.3245e-05	0.0000e+00
1129	0.0000e+00	0.0000e+00	-1.4594e-03	-1.6955e-06	1.3891e-05	0.0000e+00
1130	0.0000e+00	0.0000e+00	-1.5350e-03	-1.9756e-06	1.4679e-05	0.0000e+00
1131	0.0000e+00	0.0000e+00	-1.6070e-03	-1.4800e-06	1.5480e-05	0.0000e+00
1132	0.0000e+00	0.0000e+00	-1.6435e-03	-2.6103e-07	1.5922e-05	0.0000e+00
1133	0.0000e+00	0.0000e+00	-2.7695e-03	5.7654e-06	1.3305e-05	0.0000e+00
1134	0.0000e+00	0.0000e+00	-2.5305e-03	6.0346e-06	1.3628e-05	0.0000e+00
1135	0.0000e+00	0.0000e+00	-2.3074e-03	5.0840e-06	1.3606e-05	0.0000e+00
1136	0.0000e+00	0.0000e+00	-2.1346e-03	3.5602e-06	1.3712e-05	0.0000e+00
1137	0.0000e+00	0.0000e+00	-2.0274e-03	1.8089e-06	1.3910e-05	0.0000e+00
1138	0.0000e+00	0.0000e+00	-1.9902e-03	6.5626e-08	1.4242e-05	0.0000e+00
1139	0.0000e+00	0.0000e+00	-2.0183e-03	-1.4556e-06	1.4732e-05	0.0000e+00
1140	0.0000e+00	0.0000e+00	-2.0986e-03	-2.5430e-06	1.5384e-05	0.0000e+00
1141	0.0000e+00	0.0000e+00	-2.2093e-03	-2.9723e-06	1.6178e-05	0.0000e+00
1142	0.0000e+00	0.0000e+00	-2.3186e-03	-2.4520e-06	1.7088e-05	0.0000e+00
1143	0.0000e+00	0.0000e+00	-2.3777e-03	-3.9645e-07	1.7730e-05	0.0000e+00
1144	0.0000e+00	0.0000e+00	-3.1165e-03	5.6243e-06	1.3223e-05	0.0000e+00
1145	0.0000e+00	0.0000e+00	-2.8993e-03	4.6803e-06	1.3474e-05	0.0000e+00
1146	0.0000e+00	0.0000e+00	-2.7346e-03	3.2135e-06	1.3741e-05	0.0000e+00
1147	0.0000e+00	0.0000e+00	-2.6384e-03	1.4777e-06	1.4042e-05	0.0000e+00
1148	0.0000e+00	0.0000e+00	-2.6162e-03	-2.8094e-07	1.4394e-05	0.0000e+00
1149	0.0000e+00	0.0000e+00	-2.6640e-03	-1.8223e-06	1.4802e-05	0.0000e+00
1150	0.0000e+00	0.0000e+00	-2.7686e-03	-2.9022e-06	1.5245e-05	0.0000e+00

1151	0.0000e+00	0.0000e+00	-2.9065e-03	-3.2596e-06	1.5673e-05	0.0000e+00
1152	0.0000e+00	0.0000e+00	-3.0436e-03	-2.6049e-06	1.5988e-05	0.0000e+00
1153	0.0000e+00	0.0000e+00	8.2904e-05	3.0794e-07	4.4339e-06	0.0000e+00
1154	0.0000e+00	0.0000e+00	1.0037e-04	4.5564e-07	4.4086e-06	0.0000e+00
1155	0.0000e+00	0.0000e+00	1.1984e-04	4.0280e-07	4.3407e-06	0.0000e+00
1156	0.0000e+00	0.0000e+00	1.3325e-04	1.8741e-07	4.2957e-06	0.0000e+00
1157	0.0000e+00	0.0000e+00	1.3463e-04	-1.3177e-07	4.3225e-06	0.0000e+00
1158	0.0000e+00	0.0000e+00	1.2104e-04	-4.7803e-07	4.4406e-06	0.0000e+00
1159	0.0000e+00	0.0000e+00	9.3140e-05	-7.6813e-07	4.6362e-06	0.0000e+00
1160	0.0000e+00	0.0000e+00	5.5194e-05	-9.2320e-07	4.8649e-06	0.0000e+00
1161	0.0000e+00	0.0000e+00	1.4797e-05	-8.6973e-07	5.0652e-06	0.0000e+00
1162	0.0000e+00	0.0000e+00	-1.7635e-05	-5.7146e-07	5.2471e-06	0.0000e+00
1163	0.0000e+00	0.0000e+00	-1.5989e-04	3.3516e-07	6.8215e-06	0.0000e+00
1164	0.0000e+00	0.0000e+00	-1.3969e-04	5.4214e-07	6.7121e-06	0.0000e+00
1165	0.0000e+00	0.0000e+00	-1.1607e-04	4.8982e-07	6.5736e-06	0.0000e+00
1166	0.0000e+00	0.0000e+00	-1.0012e-04	2.0559e-07	6.4915e-06	0.0000e+00
1167	0.0000e+00	0.0000e+00	-1.0028e-04	-2.2357e-07	6.5324e-06	0.0000e+00
1168	0.0000e+00	0.0000e+00	-1.2048e-04	-6.8323e-07	6.7226e-06	0.0000e+00
1169	0.0000e+00	0.0000e+00	-1.5938e-04	-1.0521e-06	7.0441e-06	0.0000e+00
1170	0.0000e+00	0.0000e+00	-2.1049e-04	-1.2223e-06	7.4380e-06	0.0000e+00
1171	0.0000e+00	0.0000e+00	-2.6344e-04	-1.1309e-06	7.8257e-06	0.0000e+00
1172	0.0000e+00	0.0000e+00	-3.0695e-04	-8.1256e-07	8.1536e-06	0.0000e+00
1173	0.0000e+00	0.0000e+00	-5.1680e-04	4.5132e-07	9.6810e-06	0.0000e+00
1174	0.0000e+00	0.0000e+00	-4.8940e-04	7.3735e-07	9.4427e-06	0.0000e+00
1175	0.0000e+00	0.0000e+00	-4.5746e-04	6.5477e-07	9.1825e-06	0.0000e+00
1176	0.0000e+00	0.0000e+00	-4.3674e-04	2.4611e-07	9.0345e-06	0.0000e+00
1177	0.0000e+00	0.0000e+00	-4.3892e-04	-3.6000e-07	9.0832e-06	0.0000e+00
1178	0.0000e+00	0.0000e+00	-4.6919e-04	-1.0013e-06	9.3601e-06	0.0000e+00
1179	0.0000e+00	0.0000e+00	-5.2537e-04	-1.5087e-06	9.8446e-06	0.0000e+00
1180	0.0000e+00	0.0000e+00	-5.9811e-04	-1.7319e-06	1.0462e-05	0.0000e+00
1181	0.0000e+00	0.0000e+00	-6.7274e-04	-1.5907e-06	1.1089e-05	0.0000e+00
1182	0.0000e+00	0.0000e+00	-7.3391e-04	-1.1480e-06	1.1578e-05	0.0000e+00
1183	0.0000e+00	0.0000e+00	-1.0041e-03	6.8678e-07	1.2796e-05	0.0000e+00
1184	0.0000e+00	0.0000e+00	-9.6318e-04	1.0873e-06	1.2383e-05	0.0000e+00
1185	0.0000e+00	0.0000e+00	-9.1710e-04	9.2816e-07	1.1976e-05	0.0000e+00
1186	0.0000e+00	0.0000e+00	-8.8853e-04	3.2009e-07	1.1755e-05	0.0000e+00
1187	0.0000e+00	0.0000e+00	-8.9306e-04	-5.4391e-07	1.1812e-05	0.0000e+00
1188	0.0000e+00	0.0000e+00	-9.3726e-04	-1.4489e-06	1.2177e-05	0.0000e+00
1189	0.0000e+00	0.0000e+00	-1.0180e-03	-2.1728e-06	1.2832e-05	0.0000e+00
1190	0.0000e+00	0.0000e+00	-1.1227e-03	-2.5008e-06	1.3698e-05	0.0000e+00
1191	0.0000e+00	0.0000e+00	-1.2301e-03	-2.2823e-06	1.4605e-05	0.0000e+00
1192	0.0000e+00	0.0000e+00	-1.3162e-03	-1.5754e-06	1.5276e-05	0.0000e+00
1193	0.0000e+00	0.0000e+00	-1.6233e-03	1.0945e-06	1.5676e-05	0.0000e+00
1194	0.0000e+00	0.0000e+00	-1.5608e-03	1.6040e-06	1.5061e-05	0.0000e+00
1195	0.0000e+00	0.0000e+00	-1.4949e-03	1.2936e-06	1.4551e-05	0.0000e+00
1196	0.0000e+00	0.0000e+00	-1.4560e-03	4.1327e-07	1.4301e-05	0.0000e+00
1197	0.0000e+00	0.0000e+00	-1.4635e-03	-7.7398e-07	1.4379e-05	0.0000e+00
1198	0.0000e+00	0.0000e+00	-1.5251e-03	-2.0080e-06	1.4810e-05	0.0000e+00
1199	0.0000e+00	0.0000e+00	-1.6369e-03	-3.0220e-06	1.5580e-05	0.0000e+00
1200	0.0000e+00	0.0000e+00	-1.7832e-03	-3.5313e-06	1.6632e-05	0.0000e+00
1201	0.0000e+00	0.0000e+00	-1.9356e-03	-3.2456e-06	1.7827e-05	0.0000e+00
1202	0.0000e+00	0.0000e+00	-2.0549e-03	-2.0743e-06	1.8702e-05	0.0000e+00
1203	0.0000e+00	0.0000e+00	-2.3446e-03	1.7862e-06	1.7339e-05	0.0000e+00
1204	0.0000e+00	0.0000e+00	-2.2555e-03	2.2401e-06	1.6731e-05	0.0000e+00
1205	0.0000e+00	0.0000e+00	-2.1689e-03	1.6893e-06	1.6316e-05	0.0000e+00
1206	0.0000e+00	0.0000e+00	-2.1207e-03	4.9601e-07	1.6149e-05	0.0000e+00
1207	0.0000e+00	0.0000e+00	-2.1326e-03	-1.0390e-06	1.6276e-05	0.0000e+00
1208	0.0000e+00	0.0000e+00	-2.2132e-03	-2.6259e-06	1.6715e-05	0.0000e+00
1209	0.0000e+00	0.0000e+00	-2.3583e-03	-3.9686e-06	1.7456e-05	0.0000e+00
1210	0.0000e+00	0.0000e+00	-2.5501e-03	-4.7457e-06	1.8461e-05	0.0000e+00
1211	0.0000e+00	0.0000e+00	-2.7552e-03	-4.5586e-06	1.9686e-05	0.0000e+00
1212	0.0000e+00	0.0000e+00	-2.9156e-03	-2.6192e-06	2.0738e-05	0.0000e+00
1213	0.0000e+00	0.0000e+00	-3.0839e-03	1.5000e-06	1.6404e-05	0.0000e+00
1214	0.0000e+00	0.0000e+00	-2.9824e-03	2.0843e-06	1.6486e-05	0.0000e+00
1215	0.0000e+00	0.0000e+00	-2.8865e-03	1.5571e-06	1.6499e-05	0.0000e+00
1216	0.0000e+00	0.0000e+00	-2.8360e-03	3.0011e-07	1.6575e-05	0.0000e+00
1217	0.0000e+00	0.0000e+00	-2.8552e-03	-1.3405e-06	1.6782e-05	0.0000e+00
1218	0.0000e+00	0.0000e+00	-2.9533e-03	-3.0329e-06	1.7143e-05	0.0000e+00
1219	0.0000e+00	0.0000e+00	-3.1257e-03	-4.4378e-06	1.7636e-05	0.0000e+00
1220	0.0000e+00	0.0000e+00	-3.3522e-03	-5.1874e-06	1.8194e-05	0.0000e+00
1221	0.0000e+00	0.0000e+00	-3.5957e-03	-4.8625e-06	1.8681e-05	0.0000e+00
1222	0.0000e+00	0.0000e+00	-2.1597e-06	6.6864e-07	5.2805e-06	0.0000e+00

1223	0.0000e+00	0.0000e+00	3.4234e-05	9.5293e-07	5.1180e-06	0.0000e+00
1224	0.0000e+00	0.0000e+00	7.7685e-05	9.7813e-07	4.9469e-06	0.0000e+00
1225	0.0000e+00	0.0000e+00	1.1708e-04	7.7910e-07	4.7546e-06	0.0000e+00
1226	0.0000e+00	0.0000e+00	1.4416e-04	4.3019e-07	4.6039e-06	0.0000e+00
1227	0.0000e+00	0.0000e+00	1.5404e-04	1.2039e-08	4.5401e-06	0.0000e+00
1228	0.0000e+00	0.0000e+00	1.4556e-04	-3.8811e-07	4.5768e-06	0.0000e+00
1229	0.0000e+00	0.0000e+00	1.2142e-04	-6.8605e-07	4.6938e-06	0.0000e+00
1230	0.0000e+00	0.0000e+00	8.7758e-05	-8.1076e-07	4.8399e-06	0.0000e+00
1231	0.0000e+00	0.0000e+00	5.3526e-05	-7.0545e-07	4.9479e-06	0.0000e+00
1232	0.0000e+00	0.0000e+00	2.9616e-05	-3.5444e-07	5.0254e-06	0.0000e+00
1233	0.0000e+00	0.0000e+00	-2.9344e-04	8.8985e-07	8.2111e-06	0.0000e+00
1234	0.0000e+00	0.0000e+00	-2.4707e-04	1.1837e-06	7.9144e-06	0.0000e+00
1235	0.0000e+00	0.0000e+00	-1.9263e-04	1.2370e-06	7.5699e-06	0.0000e+00
1236	0.0000e+00	0.0000e+00	-1.4206e-04	1.0125e-06	7.2318e-06	0.0000e+00
1237	0.0000e+00	0.0000e+00	-1.0646e-04	5.7331e-07	6.9799e-06	0.0000e+00
1238	0.0000e+00	0.0000e+00	-9.2981e-05	2.9722e-08	6.8741e-06	0.0000e+00
1239	0.0000e+00	0.0000e+00	-1.0344e-04	-4.9194e-07	6.9327e-06	0.0000e+00
1240	0.0000e+00	0.0000e+00	-1.3413e-04	-8.6851e-07	7.1282e-06	0.0000e+00
1241	0.0000e+00	0.0000e+00	-1.7632e-04	-9.9997e-07	7.3915e-06	0.0000e+00
1242	0.0000e+00	0.0000e+00	-2.1796e-04	-8.4216e-07	7.6339e-06	0.0000e+00
1243	0.0000e+00	0.0000e+00	-2.4717e-04	-4.6007e-07	7.7995e-06	0.0000e+00
1244	0.0000e+00	0.0000e+00	-7.2361e-04	1.1932e-06	1.1669e-05	0.0000e+00
1245	0.0000e+00	0.0000e+00	-6.6124e-04	1.5996e-06	1.1225e-05	0.0000e+00
1246	0.0000e+00	0.0000e+00	-5.8735e-04	1.6888e-06	1.0658e-05	0.0000e+00
1247	0.0000e+00	0.0000e+00	-5.1805e-04	1.3956e-06	1.0118e-05	0.0000e+00
1248	0.0000e+00	0.0000e+00	-4.6878e-04	8.0085e-07	9.7301e-06	0.0000e+00
1249	0.0000e+00	0.0000e+00	-4.4961e-04	5.7586e-08	9.5708e-06	0.0000e+00
1250	0.0000e+00	0.0000e+00	-4.6323e-04	-6.5872e-07	9.6612e-06	0.0000e+00
1251	0.0000e+00	0.0000e+00	-5.0460e-04	-1.1754e-06	9.9690e-06	0.0000e+00
1252	0.0000e+00	0.0000e+00	-5.6163e-04	-1.3492e-06	1.0406e-05	0.0000e+00
1253	0.0000e+00	0.0000e+00	-6.1745e-04	-1.1203e-06	1.0833e-05	0.0000e+00
1254	0.0000e+00	0.0000e+00	-6.5581e-04	-5.9142e-07	1.1095e-05	0.0000e+00
1255	0.0000e+00	0.0000e+00	-1.3107e-03	1.5743e-06	1.5407e-05	0.0000e+00
1256	0.0000e+00	0.0000e+00	-1.2257e-03	2.2311e-06	1.4798e-05	0.0000e+00
1257	0.0000e+00	0.0000e+00	-1.1221e-03	2.3799e-06	1.3970e-05	0.0000e+00
1258	0.0000e+00	0.0000e+00	-1.0248e-03	1.9615e-06	1.3205e-05	0.0000e+00
1259	0.0000e+00	0.0000e+00	-9.5570e-04	1.1275e-06	1.2675e-05	0.0000e+00
1260	0.0000e+00	0.0000e+00	-9.2845e-04	9.6462e-08	1.2461e-05	0.0000e+00
1261	0.0000e+00	0.0000e+00	-9.4663e-04	-9.0208e-07	1.2583e-05	0.0000e+00
1262	0.0000e+00	0.0000e+00	-1.0038e-03	-1.6407e-06	1.3009e-05	0.0000e+00
1263	0.0000e+00	0.0000e+00	-1.0838e-03	-1.9081e-06	1.3647e-05	0.0000e+00
1264	0.0000e+00	0.0000e+00	-1.1625e-03	-1.5726e-06	1.4304e-05	0.0000e+00
1265	0.0000e+00	0.0000e+00	-1.2145e-03	-7.3936e-07	1.4683e-05	0.0000e+00
1266	0.0000e+00	0.0000e+00	-2.0561e-03	2.0109e-06	1.8880e-05	0.0000e+00
1267	0.0000e+00	0.0000e+00	-1.9411e-03	3.1164e-06	1.8084e-05	0.0000e+00
1268	0.0000e+00	0.0000e+00	-1.7963e-03	3.3116e-06	1.6988e-05	0.0000e+00
1269	0.0000e+00	0.0000e+00	-1.6622e-03	2.6874e-06	1.6058e-05	0.0000e+00
1270	0.0000e+00	0.0000e+00	-1.5680e-03	1.5364e-06	1.5439e-05	0.0000e+00
1271	0.0000e+00	0.0000e+00	-1.5307e-03	1.4752e-07	1.5189e-05	0.0000e+00
1272	0.0000e+00	0.0000e+00	-1.5544e-03	-1.2038e-06	1.5322e-05	0.0000e+00
1273	0.0000e+00	0.0000e+00	-1.6316e-03	-2.2433e-06	1.5814e-05	0.0000e+00
1274	0.0000e+00	0.0000e+00	-1.7424e-03	-2.6858e-06	1.6597e-05	0.0000e+00
1275	0.0000e+00	0.0000e+00	-1.8544e-03	-2.2490e-06	1.7508e-05	0.0000e+00
1276	0.0000e+00	0.0000e+00	-1.9255e-03	-8.8809e-07	1.8042e-05	0.0000e+00
1277	0.0000e+00	0.0000e+00	-2.9257e-03	2.4786e-06	2.0964e-05	0.0000e+00
1278	0.0000e+00	0.0000e+00	-2.7733e-03	4.3353e-06	2.0007e-05	0.0000e+00
1279	0.0000e+00	0.0000e+00	-2.5805e-03	4.4085e-06	1.8899e-05	0.0000e+00
1280	0.0000e+00	0.0000e+00	-2.4066e-03	3.4904e-06	1.8035e-05	0.0000e+00
1281	0.0000e+00	0.0000e+00	-2.2862e-03	1.9819e-06	1.7462e-05	0.0000e+00
1282	0.0000e+00	0.0000e+00	-2.2380e-03	2.0949e-07	1.7220e-05	0.0000e+00
1283	0.0000e+00	0.0000e+00	-2.2669e-03	-1.5212e-06	1.7319e-05	0.0000e+00
1284	0.0000e+00	0.0000e+00	-2.3643e-03	-2.9052e-06	1.7741e-05	0.0000e+00
1285	0.0000e+00	0.0000e+00	-2.5080e-03	-3.6183e-06	1.8438e-05	0.0000e+00
1286	0.0000e+00	0.0000e+00	-2.6599e-03	-3.2625e-06	1.9357e-05	0.0000e+00
1287	0.0000e+00	0.0000e+00	-2.7570e-03	-1.0193e-06	2.0079e-05	0.0000e+00
1288	0.0000e+00	0.0000e+00	-3.6290e-03	4.5149e-06	1.9058e-05	0.0000e+00
1289	0.0000e+00	0.0000e+00	-3.4032e-03	4.7060e-06	1.8701e-05	0.0000e+00
1290	0.0000e+00	0.0000e+00	-3.2010e-03	3.7940e-06	1.8292e-05	0.0000e+00
1291	0.0000e+00	0.0000e+00	-3.0607e-03	2.2013e-06	1.7968e-05	0.0000e+00
1292	0.0000e+00	0.0000e+00	-3.0034e-03	3.0279e-07	1.7798e-05	0.0000e+00
1293	0.0000e+00	0.0000e+00	-3.0346e-03	-1.5509e-06	1.7802e-05	0.0000e+00
1294	0.0000e+00	0.0000e+00	-3.1449e-03	-3.0098e-06	1.7953e-05	0.0000e+00

1295	0.0000e+00	0.0000e+00	-3.3092e-03	-3.7016e-06	1.8176e-05	0.0000e+00
1296	0.0000e+00	0.0000e+00	-3.4856e-03	-3.2085e-06	1.8328e-05	0.0000e+00
1297	0.0000e+00	0.0000e+00	2.9592e-05	3.5101e-07	5.0245e-06	0.0000e+00
1298	0.0000e+00	0.0000e+00	5.3366e-05	7.0324e-07	4.9455e-06	0.0000e+00
1299	0.0000e+00	0.0000e+00	8.7535e-05	8.0995e-07	4.8379e-06	0.0000e+00
1300	0.0000e+00	0.0000e+00	1.2117e-04	6.8591e-07	4.6920e-06	0.0000e+00
1301	0.0000e+00	0.0000e+00	1.4532e-04	3.8832e-07	4.5750e-06	0.0000e+00
1302	0.0000e+00	0.0000e+00	1.5381e-04	-1.1609e-08	4.5382e-06	0.0000e+00
1303	0.0000e+00	0.0000e+00	1.4396e-04	-4.2959e-07	4.6020e-06	0.0000e+00
1304	0.0000e+00	0.0000e+00	1.1691e-04	-7.7840e-07	4.7527e-06	0.0000e+00
1305	0.0000e+00	0.0000e+00	7.7535e-05	-9.7755e-07	4.9450e-06	0.0000e+00
1306	0.0000e+00	0.0000e+00	3.4095e-05	-9.5316e-07	5.1165e-06	0.0000e+00
1307	0.0000e+00	0.0000e+00	-2.3588e-06	-6.7067e-07	5.2779e-06	0.0000e+00
1308	0.0000e+00	0.0000e+00	-2.4714e-04	4.5802e-07	7.7980e-06	0.0000e+00
1309	0.0000e+00	0.0000e+00	-2.1802e-04	8.4031e-07	7.6316e-06	0.0000e+00
1310	0.0000e+00	0.0000e+00	-1.7645e-04	9.9894e-07	7.3890e-06	0.0000e+00
1311	0.0000e+00	0.0000e+00	-1.3429e-04	8.6815e-07	7.1260e-06	0.0000e+00
1312	0.0000e+00	0.0000e+00	-1.0360e-04	4.9201e-07	6.9308e-06	0.0000e+00
1313	0.0000e+00	0.0000e+00	-9.3132e-05	-2.9380e-08	6.8724e-06	0.0000e+00
1314	0.0000e+00	0.0000e+00	-1.0660e-04	-5.7281e-07	6.9784e-06	0.0000e+00
1315	0.0000e+00	0.0000e+00	-1.4217e-04	-1.0120e-06	7.2305e-06	0.0000e+00
1316	0.0000e+00	0.0000e+00	-1.9272e-04	-1.2366e-06	7.5689e-06	0.0000e+00
1317	0.0000e+00	0.0000e+00	-2.4716e-04	-1.1839e-06	7.9135e-06	0.0000e+00
1318	0.0000e+00	0.0000e+00	-2.9355e-04	-8.9043e-07	8.2094e-06	0.0000e+00
1319	0.0000e+00	0.0000e+00	-6.5570e-04	5.9006e-07	1.1092e-05	0.0000e+00
1320	0.0000e+00	0.0000e+00	-6.1741e-04	1.1188e-06	1.0830e-05	0.0000e+00
1321	0.0000e+00	0.0000e+00	-5.6165e-04	1.3481e-06	1.0404e-05	0.0000e+00
1322	0.0000e+00	0.0000e+00	-5.0466e-04	1.1748e-06	9.9666e-06	0.0000e+00
1323	0.0000e+00	0.0000e+00	-4.6330e-04	6.5849e-07	9.6592e-06	0.0000e+00
1324	0.0000e+00	0.0000e+00	-4.4969e-04	-5.7540e-08	9.5691e-06	0.0000e+00
1325	0.0000e+00	0.0000e+00	-4.6885e-04	-8.0065e-07	9.7287e-06	0.0000e+00
1326	0.0000e+00	0.0000e+00	-5.1811e-04	-1.3954e-06	1.0117e-05	0.0000e+00
1327	0.0000e+00	0.0000e+00	-5.8741e-04	-1.6886e-06	1.0658e-05	0.0000e+00
1328	0.0000e+00	0.0000e+00	-6.6129e-04	-1.5995e-06	1.1224e-05	0.0000e+00
1329	0.0000e+00	0.0000e+00	-7.2365e-04	-1.1929e-06	1.1668e-05	0.0000e+00
1330	0.0000e+00	0.0000e+00	-1.2143e-03	7.3827e-07	1.4680e-05	0.0000e+00
1331	0.0000e+00	0.0000e+00	-1.1624e-03	1.5712e-06	1.4301e-05	0.0000e+00
1332	0.0000e+00	0.0000e+00	-1.0837e-03	1.9069e-06	1.3644e-05	0.0000e+00
1333	0.0000e+00	0.0000e+00	-1.0037e-03	1.6398e-06	1.3007e-05	0.0000e+00
1334	0.0000e+00	0.0000e+00	-9.4661e-04	9.0149e-07	1.2581e-05	0.0000e+00
1335	0.0000e+00	0.0000e+00	-9.2845e-04	-9.6777e-08	1.2459e-05	0.0000e+00
1336	0.0000e+00	0.0000e+00	-9.5571e-04	-1.1276e-06	1.2673e-05	0.0000e+00
1337	0.0000e+00	0.0000e+00	-1.0248e-03	-1.9616e-06	1.3204e-05	0.0000e+00
1338	0.0000e+00	0.0000e+00	-1.1221e-03	-2.3799e-06	1.3969e-05	0.0000e+00
1339	0.0000e+00	0.0000e+00	-1.2257e-03	-2.2309e-06	1.4797e-05	0.0000e+00
1340	0.0000e+00	0.0000e+00	-1.3107e-03	-1.5734e-06	1.5406e-05	0.0000e+00
1341	0.0000e+00	0.0000e+00	-1.9252e-03	8.8698e-07	1.8038e-05	0.0000e+00
1342	0.0000e+00	0.0000e+00	-1.8541e-03	2.2475e-06	1.7504e-05	0.0000e+00
1343	0.0000e+00	0.0000e+00	-1.7422e-03	2.6843e-06	1.6594e-05	0.0000e+00
1344	0.0000e+00	0.0000e+00	-1.6314e-03	2.2421e-06	1.5812e-05	0.0000e+00
1345	0.0000e+00	0.0000e+00	-1.5543e-03	1.2029e-06	1.5319e-05	0.0000e+00
1346	0.0000e+00	0.0000e+00	-1.5306e-03	-1.4817e-07	1.5186e-05	0.0000e+00
1347	0.0000e+00	0.0000e+00	-1.5680e-03	-1.5368e-06	1.5437e-05	0.0000e+00
1348	0.0000e+00	0.0000e+00	-1.6621e-03	-2.6877e-06	1.6057e-05	0.0000e+00
1349	0.0000e+00	0.0000e+00	-1.7963e-03	-3.3117e-06	1.6986e-05	0.0000e+00
1350	0.0000e+00	0.0000e+00	-1.9410e-03	-3.1161e-06	1.8083e-05	0.0000e+00
1351	0.0000e+00	0.0000e+00	-2.0560e-03	-2.0097e-06	1.8879e-05	0.0000e+00
1352	0.0000e+00	0.0000e+00	-2.7565e-03	1.0179e-06	2.0075e-05	0.0000e+00
1353	0.0000e+00	0.0000e+00	-2.6594e-03	3.2606e-06	1.9353e-05	0.0000e+00
1354	0.0000e+00	0.0000e+00	-2.5076e-03	3.6165e-06	1.8435e-05	0.0000e+00
1355	0.0000e+00	0.0000e+00	-2.3640e-03	2.9037e-06	1.7738e-05	0.0000e+00
1356	0.0000e+00	0.0000e+00	-2.2667e-03	1.5200e-06	1.7316e-05	0.0000e+00
1357	0.0000e+00	0.0000e+00	-2.2378e-03	-2.1039e-07	1.7217e-05	0.0000e+00
1358	0.0000e+00	0.0000e+00	-2.2860e-03	-1.9825e-06	1.7460e-05	0.0000e+00
1359	0.0000e+00	0.0000e+00	-2.4065e-03	-3.4907e-06	1.8033e-05	0.0000e+00
1360	0.0000e+00	0.0000e+00	-2.5803e-03	-4.4086e-06	1.8896e-05	0.0000e+00
1361	0.0000e+00	0.0000e+00	-2.7731e-03	-4.3351e-06	2.0005e-05	0.0000e+00
1362	0.0000e+00	0.0000e+00	-2.9255e-03	-2.4772e-06	2.0962e-05	0.0000e+00
1363	0.0000e+00	0.0000e+00	-3.4850e-03	3.2064e-06	1.8324e-05	0.0000e+00
1364	0.0000e+00	0.0000e+00	-3.3087e-03	3.6996e-06	1.8172e-05	0.0000e+00
1365	0.0000e+00	0.0000e+00	-3.1444e-03	3.0080e-06	1.7950e-05	0.0000e+00
1366	0.0000e+00	0.0000e+00	-3.0342e-03	1.5495e-06	1.7798e-05	0.0000e+00

1367	0.0000e+00	0.0000e+00	-3.0030e-03	-3.0382e-07	1.7795e-05	0.0000e+00
1368	0.0000e+00	0.0000e+00	-3.0604e-03	-2.2019e-06	1.7965e-05	0.0000e+00
1369	0.0000e+00	0.0000e+00	-3.2007e-03	-3.7942e-06	1.8289e-05	0.0000e+00
1370	0.0000e+00	0.0000e+00	-3.4029e-03	-4.7059e-06	1.8697e-05	0.0000e+00
1371	0.0000e+00	0.0000e+00	-3.6287e-03	-4.5144e-06	1.9054e-05	0.0000e+00
1372	0.0000e+00	0.0000e+00	-1.7403e-05	5.6940e-07	5.2461e-06	0.0000e+00
1373	0.0000e+00	0.0000e+00	1.4926e-05	8.6777e-07	5.0633e-06	0.0000e+00
1374	0.0000e+00	0.0000e+00	5.5263e-05	9.2228e-07	4.8643e-06	0.0000e+00
1375	0.0000e+00	0.0000e+00	9.3174e-05	7.6738e-07	4.6369e-06	0.0000e+00
1376	0.0000e+00	0.0000e+00	1.2103e-04	4.7706e-07	4.4424e-06	0.0000e+00
1377	0.0000e+00	0.0000e+00	1.3457e-04	1.3049e-07	4.3254e-06	0.0000e+00
1378	0.0000e+00	0.0000e+00	1.3313e-04	-1.8897e-07	4.2997e-06	0.0000e+00
1379	0.0000e+00	0.0000e+00	1.1965e-04	-4.0452e-07	4.3458e-06	0.0000e+00
1380	0.0000e+00	0.0000e+00	1.0009e-04	-4.5746e-07	4.4146e-06	0.0000e+00
1381	0.0000e+00	0.0000e+00	8.2537e-05	-3.1009e-07	4.4410e-06	0.0000e+00
1382	0.0000e+00	0.0000e+00	7.6074e-05	3.1025e-08	4.4275e-06	0.0000e+00
1383	0.0000e+00	0.0000e+00	-3.0667e-04	8.1128e-07	8.1522e-06	0.0000e+00
1384	0.0000e+00	0.0000e+00	-2.6324e-04	1.1287e-06	7.8242e-06	0.0000e+00
1385	0.0000e+00	0.0000e+00	-2.1039e-04	1.2201e-06	7.4373e-06	0.0000e+00
1386	0.0000e+00	0.0000e+00	-1.5937e-04	1.0499e-06	7.0450e-06	0.0000e+00
1387	0.0000e+00	0.0000e+00	-1.2058e-04	6.8069e-07	6.7254e-06	0.0000e+00
1388	0.0000e+00	0.0000e+00	-1.0051e-04	2.2065e-07	6.5372e-06	0.0000e+00
1389	0.0000e+00	0.0000e+00	-1.0048e-04	-2.0884e-07	6.4986e-06	0.0000e+00
1390	0.0000e+00	0.0000e+00	-1.1658e-04	-4.9322e-07	6.5830e-06	0.0000e+00
1391	0.0000e+00	0.0000e+00	-1.4036e-04	-5.4553e-07	6.7238e-06	0.0000e+00
1392	0.0000e+00	0.0000e+00	-1.6070e-04	-3.3855e-07	6.8350e-06	0.0000e+00
1393	0.0000e+00	0.0000e+00	-1.6746e-04	4.4403e-08	6.8596e-06	0.0000e+00
1394	0.0000e+00	0.0000e+00	-7.3355e-04	1.1467e-06	1.1576e-05	0.0000e+00
1395	0.0000e+00	0.0000e+00	-6.7248e-04	1.5879e-06	1.1087e-05	0.0000e+00
1396	0.0000e+00	0.0000e+00	-5.9799e-04	1.7284e-06	1.0462e-05	0.0000e+00
1397	0.0000e+00	0.0000e+00	-5.2542e-04	1.5045e-06	9.8464e-06	0.0000e+00
1398	0.0000e+00	0.0000e+00	-4.6945e-04	9.9644e-07	9.3644e-06	0.0000e+00
1399	0.0000e+00	0.0000e+00	-4.3941e-04	3.5445e-07	9.0904e-06	0.0000e+00
1400	0.0000e+00	0.0000e+00	-4.3748e-04	-2.5217e-07	9.0449e-06	0.0000e+00
1401	0.0000e+00	0.0000e+00	-4.5848e-04	-6.6104e-07	9.1964e-06	0.0000e+00
1402	0.0000e+00	0.0000e+00	-4.9069e-04	-7.4336e-07	9.4600e-06	0.0000e+00
1403	0.0000e+00	0.0000e+00	-5.1834e-04	-4.5653e-07	9.7011e-06	0.0000e+00
1404	0.0000e+00	0.0000e+00	-5.2706e-04	8.0118e-08	9.7690e-06	0.0000e+00
1405	0.0000e+00	0.0000e+00	-1.3158e-03	1.5734e-06	1.5273e-05	0.0000e+00
1406	0.0000e+00	0.0000e+00	-1.2297e-03	2.2784e-06	1.4604e-05	0.0000e+00
1407	0.0000e+00	0.0000e+00	-1.1226e-03	2.4954e-06	1.3698e-05	0.0000e+00
1408	0.0000e+00	0.0000e+00	-1.0182e-03	2.1661e-06	1.2835e-05	0.0000e+00
1409	0.0000e+00	0.0000e+00	-9.3774e-04	1.4409e-06	1.2183e-05	0.0000e+00
1410	0.0000e+00	0.0000e+00	-8.9392e-04	5.3489e-07	1.1822e-05	0.0000e+00
1411	0.0000e+00	0.0000e+00	-8.8980e-04	-3.2994e-07	1.1769e-05	0.0000e+00
1412	0.0000e+00	0.0000e+00	-9.1882e-04	-9.3835e-07	1.1994e-05	0.0000e+00
1413	0.0000e+00	0.0000e+00	-9.6533e-04	-1.0970e-06	1.2406e-05	0.0000e+00
1414	0.0000e+00	0.0000e+00	-1.0067e-03	-6.9480e-07	1.2822e-05	0.0000e+00
1415	0.0000e+00	0.0000e+00	-1.0195e-03	1.4790e-07	1.2956e-05	0.0000e+00
1416	0.0000e+00	0.0000e+00	-2.0543e-03	2.0711e-06	1.8699e-05	0.0000e+00
1417	0.0000e+00	0.0000e+00	-1.9352e-03	3.2399e-06	1.7825e-05	0.0000e+00
1418	0.0000e+00	0.0000e+00	-1.7831e-03	3.5234e-06	1.6633e-05	0.0000e+00
1419	0.0000e+00	0.0000e+00	-1.6372e-03	3.0122e-06	1.5583e-05	0.0000e+00
1420	0.0000e+00	0.0000e+00	-1.5258e-03	1.9965e-06	1.4817e-05	0.0000e+00
1421	0.0000e+00	0.0000e+00	-1.4648e-03	7.6085e-07	1.4391e-05	0.0000e+00
1422	0.0000e+00	0.0000e+00	-1.4580e-03	-4.2761e-07	1.4317e-05	0.0000e+00
1423	0.0000e+00	0.0000e+00	-1.4974e-03	-1.3085e-06	1.4572e-05	0.0000e+00
1424	0.0000e+00	0.0000e+00	-1.5640e-03	-1.6184e-06	1.5087e-05	0.0000e+00
1425	0.0000e+00	0.0000e+00	-1.6271e-03	-1.1064e-06	1.5708e-05	0.0000e+00
1426	0.0000e+00	0.0000e+00	-1.6477e-03	2.5378e-07	1.5957e-05	0.0000e+00
1427	0.0000e+00	0.0000e+00	-2.9149e-03	2.6145e-06	2.0734e-05	0.0000e+00
1428	0.0000e+00	0.0000e+00	-2.7547e-03	4.5505e-06	1.9685e-05	0.0000e+00
1429	0.0000e+00	0.0000e+00	-2.5500e-03	4.7348e-06	1.8463e-05	0.0000e+00
1430	0.0000e+00	0.0000e+00	-2.3588e-03	3.9553e-06	1.7461e-05	0.0000e+00
1431	0.0000e+00	0.0000e+00	-2.2143e-03	2.6103e-06	1.6724e-05	0.0000e+00
1432	0.0000e+00	0.0000e+00	-2.1345e-03	1.0214e-06	1.6289e-05	0.0000e+00
1433	0.0000e+00	0.0000e+00	-2.1234e-03	-5.1514e-07	1.6166e-05	0.0000e+00
1434	0.0000e+00	0.0000e+00	-2.1724e-03	-1.7093e-06	1.6338e-05	0.0000e+00
1435	0.0000e+00	0.0000e+00	-2.2599e-03	-2.2597e-06	1.6758e-05	0.0000e+00
1436	0.0000e+00	0.0000e+00	-2.3498e-03	-1.8033e-06	1.7371e-05	0.0000e+00
1437	0.0000e+00	0.0000e+00	-2.3835e-03	3.8671e-07	1.7766e-05	0.0000e+00
1438	0.0000e+00	0.0000e+00	-3.5952e-03	4.8517e-06	1.8679e-05	0.0000e+00

1439	0.0000e+00	0.0000e+00	-3.3522e-03	5.1734e-06	1.8195e-05	0.0000e+00
1440	0.0000e+00	0.0000e+00	-3.1264e-03	4.4210e-06	1.7642e-05	0.0000e+00
1441	0.0000e+00	0.0000e+00	-2.9548e-03	3.0135e-06	1.7152e-05	0.0000e+00
1442	0.0000e+00	0.0000e+00	-2.8576e-03	1.3191e-06	1.6795e-05	0.0000e+00
1443	0.0000e+00	0.0000e+00	-2.8394e-03	-3.2310e-07	1.6591e-05	0.0000e+00
1444	0.0000e+00	0.0000e+00	-2.8909e-03	-1.5807e-06	1.6520e-05	0.0000e+00
1445	0.0000e+00	0.0000e+00	-2.9878e-03	-2.1069e-06	1.6509e-05	0.0000e+00
1446	0.0000e+00	0.0000e+00	-3.0904e-03	-1.5194e-06	1.6430e-05	0.0000e+00
1447	0.0000e+00	0.0000e+00	8.3237e-05	2.9894e-07	4.4305e-06	0.0000e+00
1448	0.0000e+00	0.0000e+00	9.6427e-05	3.1917e-07	4.4020e-06	0.0000e+00
1449	0.0000e+00	0.0000e+00	1.0511e-04	7.4351e-08	4.3268e-06	0.0000e+00
1450	0.0000e+00	0.0000e+00	9.9000e-05	-4.1648e-07	4.2534e-06	0.0000e+00
1451	0.0000e+00	0.0000e+00	6.8872e-05	-1.1176e-06	4.2278e-06	0.0000e+00
1452	0.0000e+00	0.0000e+00	7.4492e-06	-1.9674e-06	4.2820e-06	0.0000e+00
1453	0.0000e+00	0.0000e+00	-8.9507e-05	-2.8760e-06	4.4283e-06	0.0000e+00
1454	0.0000e+00	0.0000e+00	-2.2201e-04	-3.7229e-06	4.6541e-06	0.0000e+00
1455	0.0000e+00	0.0000e+00	-3.8462e-04	-4.3548e-06	4.9203e-06	0.0000e+00
1456	0.0000e+00	0.0000e+00	-5.6529e-04	-4.6229e-06	5.1468e-06	0.0000e+00
1457	0.0000e+00	0.0000e+00	-1.5907e-04	3.4796e-07	6.7975e-06	0.0000e+00
1458	0.0000e+00	0.0000e+00	-1.4246e-04	4.3054e-07	6.6601e-06	0.0000e+00
1459	0.0000e+00	0.0000e+00	-1.2853e-04	2.0806e-07	6.4781e-06	0.0000e+00
1460	0.0000e+00	0.0000e+00	-1.2978e-04	-3.2275e-07	6.3144e-06	0.0000e+00
1461	0.0000e+00	0.0000e+00	-1.5773e-04	-1.1142e-06	6.2293e-06	0.0000e+00
1462	0.0000e+00	0.0000e+00	-2.2123e-04	-2.0830e-06	6.2631e-06	0.0000e+00
1463	0.0000e+00	0.0000e+00	-3.2515e-04	-3.1128e-06	6.4320e-06	0.0000e+00
1464	0.0000e+00	0.0000e+00	-4.6896e-04	-4.0508e-06	6.7230e-06	0.0000e+00
1465	0.0000e+00	0.0000e+00	-6.4532e-04	-4.7099e-06	7.0986e-06	0.0000e+00
1466	0.0000e+00	0.0000e+00	-8.3848e-04	-4.8754e-06	7.3788e-06	0.0000e+00
1467	0.0000e+00	0.0000e+00	-5.1427e-04	5.2590e-07	9.6201e-06	0.0000e+00
1468	0.0000e+00	0.0000e+00	-4.8834e-04	7.0278e-07	9.3162e-06	0.0000e+00
1469	0.0000e+00	0.0000e+00	-4.6294e-04	4.9079e-07	8.9549e-06	0.0000e+00
1470	0.0000e+00	0.0000e+00	-4.5403e-04	-1.1285e-07	8.6382e-06	0.0000e+00
1471	0.0000e+00	0.0000e+00	-4.7602e-04	-1.0372e-06	8.4399e-06	0.0000e+00
1472	0.0000e+00	0.0000e+00	-5.3958e-04	-2.1701e-06	8.4013e-06	0.0000e+00
1473	0.0000e+00	0.0000e+00	-6.5021e-04	-3.3664e-06	8.5360e-06	0.0000e+00
1474	0.0000e+00	0.0000e+00	-8.0682e-04	-4.4383e-06	8.8267e-06	0.0000e+00
1475	0.0000e+00	0.0000e+00	-9.9978e-04	-5.1451e-06	9.2365e-06	0.0000e+00
1476	0.0000e+00	0.0000e+00	-1.2079e-03	-5.1634e-06	9.4879e-06	0.0000e+00
1477	0.0000e+00	0.0000e+00	-9.9802e-04	8.7911e-07	1.2686e-05	0.0000e+00
1478	0.0000e+00	0.0000e+00	-9.5445e-04	1.2043e-06	1.2158e-05	0.0000e+00
1479	0.0000e+00	0.0000e+00	-9.0876e-04	9.8442e-07	1.1570e-05	0.0000e+00
1480	0.0000e+00	0.0000e+00	-8.8225e-04	2.6309e-07	1.1070e-05	0.0000e+00
1481	0.0000e+00	0.0000e+00	-8.9266e-04	-8.3906e-07	1.0730e-05	0.0000e+00
1482	0.0000e+00	0.0000e+00	-9.5225e-04	-2.1735e-06	1.0583e-05	0.0000e+00
1483	0.0000e+00	0.0000e+00	-1.0669e-03	-3.5665e-06	1.0629e-05	0.0000e+00
1484	0.0000e+00	0.0000e+00	-1.2347e-03	-4.7982e-06	1.0845e-05	0.0000e+00
1485	0.0000e+00	0.0000e+00	-1.4435e-03	-5.5712e-06	1.1205e-05	0.0000e+00
1486	0.0000e+00	0.0000e+00	-1.6662e-03	-5.4404e-06	1.1335e-05	0.0000e+00
1487	0.0000e+00	0.0000e+00	-1.6114e-03	1.4770e-06	1.5516e-05	0.0000e+00
1488	0.0000e+00	0.0000e+00	-1.5395e-03	1.9743e-06	1.4714e-05	0.0000e+00
1489	0.0000e+00	0.0000e+00	-1.4640e-03	1.6934e-06	1.3926e-05	0.0000e+00
1490	0.0000e+00	0.0000e+00	-1.4124e-03	8.0357e-07	1.3279e-05	0.0000e+00
1491	0.0000e+00	0.0000e+00	-1.4055e-03	-5.0837e-07	1.2823e-05	0.0000e+00
1492	0.0000e+00	0.0000e+00	-1.4562e-03	-2.0576e-06	1.2564e-05	0.0000e+00
1493	0.0000e+00	0.0000e+00	-1.5702e-03	-3.6479e-06	1.2489e-05	0.0000e+00
1494	0.0000e+00	0.0000e+00	-1.7445e-03	-5.0406e-06	1.2564e-05	0.0000e+00
1495	0.0000e+00	0.0000e+00	-1.9649e-03	-5.8950e-06	1.2796e-05	0.0000e+00
1496	0.0000e+00	0.0000e+00	-2.1989e-03	-5.6589e-06	1.2713e-05	0.0000e+00
1497	0.0000e+00	0.0000e+00	-2.3246e-03	2.4494e-06	1.7125e-05	0.0000e+00
1498	0.0000e+00	0.0000e+00	-2.2154e-03	2.9718e-06	1.6215e-05	0.0000e+00
1499	0.0000e+00	0.0000e+00	-2.1048e-03	2.5414e-06	1.5421e-05	0.0000e+00
1500	0.0000e+00	0.0000e+00	-2.0246e-03	1.4506e-06	1.4769e-05	0.0000e+00
1501	0.0000e+00	0.0000e+00	-1.9967e-03	-7.5602e-08	1.4279e-05	0.0000e+00
1502	0.0000e+00	0.0000e+00	-2.0345e-03	-1.8248e-06	1.3947e-05	0.0000e+00
1503	0.0000e+00	0.0000e+00	-2.1424e-03	-3.5823e-06	1.3749e-05	0.0000e+00
1504	0.0000e+00	0.0000e+00	-2.3163e-03	-5.1118e-06	1.3644e-05	0.0000e+00
1505	0.0000e+00	0.0000e+00	-2.5405e-03	-6.0658e-06	1.3667e-05	0.0000e+00
1506	0.0000e+00	0.0000e+00	-2.7808e-03	-5.7945e-06	1.3344e-05	0.0000e+00
1507	0.0000e+00	0.0000e+00	-3.0512e-03	2.5994e-06	1.6018e-05	0.0000e+00
1508	0.0000e+00	0.0000e+00	-2.9141e-03	3.2570e-06	1.5705e-05	0.0000e+00
1509	0.0000e+00	0.0000e+00	-2.7762e-03	2.8992e-06	1.5279e-05	0.0000e+00
1510	0.0000e+00	0.0000e+00	-2.6718e-03	1.8164e-06	1.4836e-05	0.0000e+00

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1648 0.0000e+00 0.0000e+00 -3.5808e-03 1.1230e-06 1.8400e-05 0.0000e+00  
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1650 0.0000e+00 0.0000e+00 -3.4095e-03 1.4833e-06 1.8043e-05 0.0000e+00  
1651 0.0000e+00 0.0000e+00 -3.3580e-03 5.9742e-07 1.7755e-05 0.0000e+00  
1652 0.0000e+00 0.0000e+00 -3.3554e-03 -4.2153e-07 1.7454e-05 0.0000e+00  
1653 0.0000e+00 0.0000e+00 -3.3983e-03 -1.1544e-06 1.7093e-05 0.0000e+00  
1654 0.0000e+00 0.0000e+00 -3.4653e-03 -1.1677e-06 1.6538e-05 0.0000e+00

1655	0.0000e+00	0.0000e+00	8.3396e-06	2.3870e-07	5.2218e-06	0.0000e+00
1656	0.0000e+00	0.0000e+00	2.0380e-05	2.8542e-07	5.2333e-06	0.0000e+00
1657	0.0000e+00	0.0000e+00	3.0997e-05	1.8447e-07	5.2120e-06	0.0000e+00
1658	0.0000e+00	0.0000e+00	3.5519e-05	1.9305e-08	5.1964e-06	0.0000e+00
1659	0.0000e+00	0.0000e+00	3.3058e-05	-1.2155e-07	5.1983e-06	0.0000e+00
1660	0.0000e+00	0.0000e+00	2.6575e-05	-1.5381e-07	5.1923e-06	0.0000e+00
1661	0.0000e+00	0.0000e+00	2.2454e-05	-5.8872e-09	5.1296e-06	0.0000e+00
1662	0.0000e+00	0.0000e+00	-2.7572e-04	2.4131e-07	7.9272e-06	0.0000e+00
1663	0.0000e+00	0.0000e+00	-2.6268e-04	3.2099e-07	7.8626e-06	0.0000e+00
1664	0.0000e+00	0.0000e+00	-2.5031e-04	2.1850e-07	7.7930e-06	0.0000e+00
1665	0.0000e+00	0.0000e+00	-2.4497e-04	2.0217e-08	7.7686e-06	0.0000e+00
1666	0.0000e+00	0.0000e+00	-2.4807e-04	-1.4454e-07	7.8035e-06	0.0000e+00
1667	0.0000e+00	0.0000e+00	-2.5535e-04	-1.5311e-07	7.8608e-06	0.0000e+00
1668	0.0000e+00	0.0000e+00	-2.5818e-04	6.2784e-08	7.8732e-06	0.0000e+00
1669	0.0000e+00	0.0000e+00	-6.8683e-04	3.3527e-07	1.1056e-05	0.0000e+00
1670	0.0000e+00	0.0000e+00	-6.6866e-04	4.4692e-07	1.0872e-05	0.0000e+00
1671	0.0000e+00	0.0000e+00	-6.5162e-04	2.9492e-07	1.0715e-05	0.0000e+00
1672	0.0000e+00	0.0000e+00	-6.4498e-04	1.2549e-09	1.0678e-05	0.0000e+00
1673	0.0000e+00	0.0000e+00	-6.5087e-04	-2.4387e-07	1.0780e-05	0.0000e+00
1674	0.0000e+00	0.0000e+00	-6.6306e-04	-2.6086e-07	1.0966e-05	0.0000e+00
1675	0.0000e+00	0.0000e+00	-6.6905e-04	4.3187e-08	1.1116e-05	0.0000e+00
1676	0.0000e+00	0.0000e+00	-1.2379e-03	5.5503e-07	1.4327e-05	0.0000e+00
1677	0.0000e+00	0.0000e+00	-1.2087e-03	7.0314e-07	1.3978e-05	0.0000e+00
1678	0.0000e+00	0.0000e+00	-1.1828e-03	4.2715e-07	1.3720e-05	0.0000e+00
1679	0.0000e+00	0.0000e+00	-1.1746e-03	-5.5803e-08	1.3682e-05	0.0000e+00
1680	0.0000e+00	0.0000e+00	-1.1868e-03	-4.6731e-07	1.3882e-05	0.0000e+00
1681	0.0000e+00	0.0000e+00	-1.2106e-03	-5.4450e-07	1.4248e-05	0.0000e+00
1682	0.0000e+00	0.0000e+00	-1.2270e-03	-1.1633e-07	1.4607e-05	0.0000e+00
1683	0.0000e+00	0.0000e+00	-1.9233e-03	9.5937e-07	1.7147e-05	0.0000e+00
1684	0.0000e+00	0.0000e+00	-1.8756e-03	1.0948e-06	1.6613e-05	0.0000e+00
1685	0.0000e+00	0.0000e+00	-1.8375e-03	5.8933e-07	1.6314e-05	0.0000e+00
1686	0.0000e+00	0.0000e+00	-1.8283e-03	-1.7259e-07	1.6318e-05	0.0000e+00
1687	0.0000e+00	0.0000e+00	-1.8513e-03	-8.3324e-07	1.6619e-05	0.0000e+00
1688	0.0000e+00	0.0000e+00	-1.8946e-03	-1.0493e-06	1.7158e-05	0.0000e+00
1689	0.0000e+00	0.0000e+00	-1.9317e-03	-4.9884e-07	1.7793e-05	0.0000e+00
1690	0.0000e+00	0.0000e+00	-2.7007e-03	1.6466e-06	1.8366e-05	0.0000e+00
1691	0.0000e+00	0.0000e+00	-2.6315e-03	1.5175e-06	1.7944e-05	0.0000e+00
1692	0.0000e+00	0.0000e+00	-2.5835e-03	6.9477e-07	1.7826e-05	0.0000e+00
1693	0.0000e+00	0.0000e+00	-2.5768e-03	-3.7392e-07	1.7948e-05	0.0000e+00
1694	0.0000e+00	0.0000e+00	-2.6140e-03	-1.3156e-06	1.8298e-05	0.0000e+00
1695	0.0000e+00	0.0000e+00	-2.6815e-03	-1.7546e-06	1.8848e-05	0.0000e+00
1696	0.0000e+00	0.0000e+00	-2.7481e-03	-1.2565e-06	1.9571e-05	0.0000e+00
1697	0.0000e+00	0.0000e+00	-3.4652e-03	1.1695e-06	1.6537e-05	0.0000e+00
1698	0.0000e+00	0.0000e+00	-3.3982e-03	1.1571e-06	1.7092e-05	0.0000e+00
1699	0.0000e+00	0.0000e+00	-3.3551e-03	4.2461e-07	1.7452e-05	0.0000e+00
1700	0.0000e+00	0.0000e+00	-3.3575e-03	-5.9430e-07	1.7753e-05	0.0000e+00
1701	0.0000e+00	0.0000e+00	-3.4089e-03	-1.4806e-06	1.8040e-05	0.0000e+00
1702	0.0000e+00	0.0000e+00	-3.4943e-03	-1.8082e-06	1.8288e-05	0.0000e+00
1703	0.0000e+00	0.0000e+00	-3.5801e-03	-1.1227e-06	1.8396e-05	0.0000e+00
1704	0.0000e+00	0.0000e+00	-7.6935e-04	4.5774e-06	5.3029e-06	0.0000e+00
1705	0.0000e+00	0.0000e+00	-1.0497e-03	4.7314e-06	7.6192e-06	0.0000e+00
1706	0.0000e+00	0.0000e+00	-1.4274e-03	4.9134e-06	9.7895e-06	0.0000e+00
1707	0.0000e+00	0.0000e+00	-1.8933e-03	5.0770e-06	1.1681e-05	0.0000e+00
1708	0.0000e+00	0.0000e+00	-2.4309e-03	5.1837e-06	1.3097e-05	0.0000e+00
1709	0.0000e+00	0.0000e+00	-3.0137e-03	5.1877e-06	1.3762e-05	0.0000e+00
1710	0.0000e+00	0.0000e+00	-7.7265e-04	-4.5901e-06	5.3384e-06	0.0000e+00
1711	0.0000e+00	0.0000e+00	-1.0546e-03	-4.7478e-06	7.6585e-06	0.0000e+00
1712	0.0000e+00	0.0000e+00	-1.4341e-03	-4.9330e-06	9.8323e-06	0.0000e+00
1713	0.0000e+00	0.0000e+00	-1.9019e-03	-5.0994e-06	1.1726e-05	0.0000e+00
1714	0.0000e+00	0.0000e+00	-2.4415e-03	-5.2083e-06	1.3143e-05	0.0000e+00
1715	0.0000e+00	0.0000e+00	-3.0262e-03	-5.2136e-06	1.3804e-05	0.0000e+00
1716	0.0000e+00	0.0000e+00	-3.9369e-03	-7.7459e-06	-1.7855e-05	0.0000e+00
1717	0.0000e+00	0.0000e+00	-3.1772e-03	-7.4440e-06	-1.7001e-05	0.0000e+00
1718	0.0000e+00	0.0000e+00	-2.4757e-03	-7.0017e-06	-1.5202e-05	0.0000e+00
1719	0.0000e+00	0.0000e+00	-1.8643e-03	-6.5018e-06	-1.2865e-05	0.0000e+00
1720	0.0000e+00	0.0000e+00	-1.3609e-03	-5.9880e-06	-1.0244e-05	0.0000e+00
1721	0.0000e+00	0.0000e+00	-9.7413e-04	-5.5049e-06	-7.5131e-06	0.0000e+00
1722	0.0000e+00	0.0000e+00	-7.0625e-04	-5.0921e-06	-4.7833e-06	0.0000e+00
1723	0.0000e+00	0.0000e+00	-5.5590e-04	-4.7777e-06	-2.1183e-06	0.0000e+00
1724	0.0000e+00	0.0000e+00	-5.1957e-04	-4.5794e-06	4.5028e-07	0.0000e+00
1725	0.0000e+00	0.0000e+00	-3.9488e-03	7.8090e-06	-1.7883e-05	0.0000e+00
1726	0.0000e+00	0.0000e+00	-3.1878e-03	7.4996e-06	-1.7034e-05	0.0000e+00

1727	0.0000e+00	0.0000e+00	-2.4848e-03	7.0487e-06	-1.5238e-05	0.0000e+00
1728	0.0000e+00	0.0000e+00	-1.8718e-03	6.5401e-06	-1.2901e-05	0.0000e+00
1729	0.0000e+00	0.0000e+00	-1.3668e-03	6.0176e-06	-1.0280e-05	0.0000e+00
1730	0.0000e+00	0.0000e+00	-9.7844e-04	5.5261e-06	-7.5491e-06	0.0000e+00
1731	0.0000e+00	0.0000e+00	-7.0901e-04	5.1052e-06	-4.8187e-06	0.0000e+00
1732	0.0000e+00	0.0000e+00	-5.5712e-04	4.7832e-06	-2.1534e-06	0.0000e+00
1733	0.0000e+00	0.0000e+00	-5.1927e-04	4.5779e-06	4.1542e-07	0.0000e+00
1734	0.0000e+00	0.0000e+00	-3.6976e-03	5.6445e-06	1.2708e-05	0.0000e+00
1735	0.0000e+00	0.0000e+00	-3.4925e-03	4.5961e-06	1.2982e-05	0.0000e+00
1736	0.0000e+00	0.0000e+00	-3.3407e-03	2.9943e-06	1.3274e-05	0.0000e+00
1737	0.0000e+00	0.0000e+00	-3.2585e-03	1.1144e-06	1.3594e-05	0.0000e+00
1738	0.0000e+00	0.0000e+00	-3.2520e-03	-7.9061e-07	1.3943e-05	0.0000e+00
1739	0.0000e+00	0.0000e+00	-3.3172e-03	-2.4671e-06	1.4314e-05	0.0000e+00
1740	0.0000e+00	0.0000e+00	-3.4396e-03	-3.6499e-06	1.4684e-05	0.0000e+00
1741	0.0000e+00	0.0000e+00	-3.5937e-03	-4.0489e-06	1.5006e-05	0.0000e+00
1742	0.0000e+00	0.0000e+00	-3.7414e-03	-3.3130e-06	1.5195e-05	0.0000e+00
1743	0.0000e+00	0.0000e+00	-3.8013e-03	1.8282e-06	1.5648e-05	0.0000e+00
1744	0.0000e+00	0.0000e+00	-3.7077e-03	2.4188e-06	1.5871e-05	0.0000e+00
1745	0.0000e+00	0.0000e+00	-3.6159e-03	1.7576e-06	1.6000e-05	0.0000e+00
1746	0.0000e+00	0.0000e+00	-3.5709e-03	2.8785e-07	1.6146e-05	0.0000e+00
1747	0.0000e+00	0.0000e+00	-3.5999e-03	-1.6044e-06	1.6370e-05	0.0000e+00
1748	0.0000e+00	0.0000e+00	-3.7132e-03	-3.5515e-06	1.6693e-05	0.0000e+00
1749	0.0000e+00	0.0000e+00	-3.9051e-03	-5.1787e-06	1.7095e-05	0.0000e+00
1750	0.0000e+00	0.0000e+00	-4.1526e-03	-6.0780e-06	1.7514e-05	0.0000e+00
1751	0.0000e+00	0.0000e+00	-4.4135e-03	-5.7741e-06	1.7846e-05	0.0000e+00
1752	0.0000e+00	0.0000e+00	-4.6672e-03	8.9629e-06	-1.4926e-05	0.0000e+00
1753	0.0000e+00	0.0000e+00	-4.3275e-03	8.0636e-06	-1.5391e-05	0.0000e+00
1754	0.0000e+00	0.0000e+00	-4.0406e-03	6.2962e-06	-1.5538e-05	0.0000e+00
1755	0.0000e+00	0.0000e+00	-3.8330e-03	4.0915e-06	-1.5577e-05	0.0000e+00
1756	0.0000e+00	0.0000e+00	-3.7154e-03	1.7969e-06	-1.5588e-05	0.0000e+00
1757	0.0000e+00	0.0000e+00	-3.6849e-03	-2.7220e-07	-1.5585e-05	0.0000e+00
1758	0.0000e+00	0.0000e+00	-3.7264e-03	-1.8001e-06	-1.5527e-05	0.0000e+00
1759	0.0000e+00	0.0000e+00	-3.8113e-03	-2.4431e-06	-1.5308e-05	0.0000e+00
1760	0.0000e+00	0.0000e+00	-3.8961e-03	-1.8329e-06	-1.4753e-05	0.0000e+00
1761	0.0000e+00	0.0000e+00	-3.8939e-03	1.9030e-06	-1.4956e-05	0.0000e+00
1762	0.0000e+00	0.0000e+00	-3.7978e-03	2.4990e-06	-1.5614e-05	0.0000e+00
1763	0.0000e+00	0.0000e+00	-3.7043e-03	1.7567e-06	-1.5930e-05	0.0000e+00
1764	0.0000e+00	0.0000e+00	-3.6621e-03	1.6371e-07	-1.6139e-05	0.0000e+00
1765	0.0000e+00	0.0000e+00	-3.6992e-03	-1.8501e-06	-1.6354e-05	0.0000e+00
1766	0.0000e+00	0.0000e+00	-3.8253e-03	-3.8843e-06	-1.6603e-05	0.0000e+00
1767	0.0000e+00	0.0000e+00	-4.0321e-03	-5.5256e-06	-1.6838e-05	0.0000e+00
1768	0.0000e+00	0.0000e+00	-4.2921e-03	-6.3057e-06	-1.6912e-05	0.0000e+00
1769	0.0000e+00	0.0000e+00	-4.5546e-03	-5.6710e-06	-1.6543e-05	0.0000e+00
1770	0.0000e+00	0.0000e+00	-4.6398e-03	5.0003e-06	-1.7037e-05	0.0000e+00
1771	0.0000e+00	0.0000e+00	-4.4107e-03	5.4568e-06	-1.7579e-05	0.0000e+00
1772	0.0000e+00	0.0000e+00	-4.1929e-03	4.4578e-06	-1.7687e-05	0.0000e+00
1773	0.0000e+00	0.0000e+00	-4.0385e-03	2.5653e-06	-1.7648e-05	0.0000e+00
1774	0.0000e+00	0.0000e+00	-3.9763e-03	2.6441e-07	-1.7605e-05	0.0000e+00
1775	0.0000e+00	0.0000e+00	-4.0146e-03	-2.0077e-06	-1.7602e-05	0.0000e+00
1776	0.0000e+00	0.0000e+00	-4.1426e-03	-3.8153e-06	-1.7598e-05	0.0000e+00
1777	0.0000e+00	0.0000e+00	-4.3292e-03	-4.6771e-06	-1.7452e-05	0.0000e+00
1778	0.0000e+00	0.0000e+00	-4.5199e-03	-4.0340e-06	-1.6877e-05	0.0000e+00
1779	0.0000e+00	0.0000e+00	-4.4640e-03	5.3146e-06	1.8233e-05	0.0000e+00
1780	0.0000e+00	0.0000e+00	-4.2267e-03	5.4671e-06	1.8028e-05	0.0000e+00
1781	0.0000e+00	0.0000e+00	-4.0101e-03	4.3849e-06	1.7755e-05	0.0000e+00
1782	0.0000e+00	0.0000e+00	-3.8577e-03	2.5473e-06	1.7516e-05	0.0000e+00
1783	0.0000e+00	0.0000e+00	-3.7936e-03	3.7005e-07	1.7375e-05	0.0000e+00
1784	0.0000e+00	0.0000e+00	-3.8241e-03	-1.7588e-06	1.7349e-05	0.0000e+00
1785	0.0000e+00	0.0000e+00	-3.9386e-03	-3.4518e-06	1.7413e-05	0.0000e+00
1786	0.0000e+00	0.0000e+00	-4.1089e-03	-4.2938e-06	1.7499e-05	0.0000e+00
1787	0.0000e+00	0.0000e+00	-4.2872e-03	-3.8010e-06	1.7486e-05	0.0000e+00
1788	0.0000e+00	0.0000e+00	-4.2864e-03	3.7985e-06	1.7482e-05	0.0000e+00
1789	0.0000e+00	0.0000e+00	-4.1082e-03	4.2914e-06	1.7495e-05	0.0000e+00
1790	0.0000e+00	0.0000e+00	-3.9380e-03	3.4497e-06	1.7410e-05	0.0000e+00
1791	0.0000e+00	0.0000e+00	-3.8236e-03	1.7572e-06	1.7346e-05	0.0000e+00
1792	0.0000e+00	0.0000e+00	-3.7931e-03	-3.7113e-07	1.7372e-05	0.0000e+00
1793	0.0000e+00	0.0000e+00	-3.8573e-03	-2.5478e-06	1.7513e-05	0.0000e+00
1794	0.0000e+00	0.0000e+00	-4.0097e-03	-4.3849e-06	1.7752e-05	0.0000e+00
1795	0.0000e+00	0.0000e+00	-4.2263e-03	-5.4666e-06	1.8025e-05	0.0000e+00
1796	0.0000e+00	0.0000e+00	-4.4635e-03	-5.3135e-06	1.8229e-05	0.0000e+00
1797	0.0000e+00	0.0000e+00	-4.5113e-03	4.0023e-06	-1.6851e-05	0.0000e+00
1798	0.0000e+00	0.0000e+00	-4.3223e-03	4.6350e-06	-1.7428e-05	0.0000e+00

1799 0.0000e+00 0.0000e+00 -4.1376e-03 3.7683e-06 -1.7579e-05 0.0000e+00  
1800 0.0000e+00 0.0000e+00 -4.0117e-03 1.9602e-06 -1.7587e-05 0.0000e+00  
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1809 0.0000e+00 0.0000e+00 -3.8181e-03 3.7716e-06 -1.6586e-05 0.0000e+00  
1810 0.0000e+00 0.0000e+00 -3.6970e-03 1.7329e-06 -1.6350e-05 0.0000e+00  
1811 0.0000e+00 0.0000e+00 -3.6651e-03 -2.7907e-07 -1.6148e-05 0.0000e+00  
1812 0.0000e+00 0.0000e+00 -3.7122e-03 -1.8635e-06 -1.5953e-05 0.0000e+00  
1813 0.0000e+00 0.0000e+00 -3.8100e-03 -2.5899e-06 -1.5648e-05 0.0000e+00  
1814 0.0000e+00 0.0000e+00 -3.9096e-03 -1.9681e-06 -1.5000e-05 0.0000e+00  
1815 0.0000e+00 0.0000e+00 -3.9136e-03 1.8536e-06 -1.4803e-05 0.0000e+00  
1816 0.0000e+00 0.0000e+00 -3.8274e-03 2.4900e-06 -1.5356e-05 0.0000e+00  
1817 0.0000e+00 0.0000e+00 -3.7403e-03 1.8651e-06 -1.5569e-05 0.0000e+00  
1818 0.0000e+00 0.0000e+00 -3.6960e-03 3.4956e-07 -1.5621e-05 0.0000e+00  
1819 0.0000e+00 0.0000e+00 -3.7232e-03 -1.7116e-06 -1.5618e-05 0.0000e+00  
1820 0.0000e+00 0.0000e+00 -3.8373e-03 -4.0016e-06 -1.5598e-05 0.0000e+00  
1821 0.0000e+00 0.0000e+00 -4.0413e-03 -6.2047e-06 -1.5553e-05 0.0000e+00  
1822 0.0000e+00 0.0000e+00 -4.3246e-03 -7.9737e-06 -1.5401e-05 0.0000e+00  
1823 0.0000e+00 0.0000e+00 -4.6608e-03 -8.8787e-06 -1.4934e-05 0.0000e+00  
1824 0.0000e+00 0.0000e+00 -4.4129e-03 5.7602e-06 1.7845e-05 0.0000e+00  
1825 0.0000e+00 0.0000e+00 -4.1528e-03 6.0606e-06 1.7516e-05 0.0000e+00  
1826 0.0000e+00 0.0000e+00 -3.9061e-03 5.1583e-06 1.7100e-05 0.0000e+00  
1827 0.0000e+00 0.0000e+00 -3.7151e-03 3.5283e-06 1.6702e-05 0.0000e+00  
1828 0.0000e+00 0.0000e+00 -3.6028e-03 1.5789e-06 1.6382e-05 0.0000e+00  
1829 0.0000e+00 0.0000e+00 -3.5751e-03 -3.1484e-07 1.6162e-05 0.0000e+00  
1830 0.0000e+00 0.0000e+00 -3.6212e-03 -1.7850e-06 1.6019e-05 0.0000e+00  
1831 0.0000e+00 0.0000e+00 -3.7142e-03 -2.4450e-06 1.5893e-05 0.0000e+00  
1832 0.0000e+00 0.0000e+00 -3.8089e-03 -1.8505e-06 1.5672e-05 0.0000e+00  
1833 0.0000e+00 0.0000e+00 -3.7502e-03 3.3061e-06 1.5223e-05 0.0000e+00  
1834 0.0000e+00 0.0000e+00 -3.6027e-03 4.0457e-06 1.5036e-05 0.0000e+00  
1835 0.0000e+00 0.0000e+00 -3.4487e-03 3.6467e-06 1.4715e-05 0.0000e+00  
1836 0.0000e+00 0.0000e+00 -3.3265e-03 2.4612e-06 1.4347e-05 0.0000e+00  
1837 0.0000e+00 0.0000e+00 -3.2617e-03 7.8018e-07 1.3976e-05 0.0000e+00  
1838 0.0000e+00 0.0000e+00 -3.2687e-03 -1.1303e-06 1.3627e-05 0.0000e+00  
1839 0.0000e+00 0.0000e+00 -3.3516e-03 -3.0158e-06 1.3307e-05 0.0000e+00  
1840 0.0000e+00 0.0000e+00 -3.5044e-03 -4.6224e-06 1.3013e-05 0.0000e+00  
1841 0.0000e+00 0.0000e+00 -3.7106e-03 -5.6739e-06 1.2739e-05 0.0000e+00  
1842 0.0000e+00 0.0000e+00 -4.7110e-03 -1.2024e-06 1.8522e-05 0.0000e+00  
1843 0.0000e+00 0.0000e+00 -4.7403e-03 -2.9064e-07 1.8866e-05 0.0000e+00  
1844 0.0000e+00 0.0000e+00 -4.7476e-03 -8.1026e-08 1.9036e-05 0.0000e+00  
1845 0.0000e+00 0.0000e+00 -4.7514e-03 -1.0487e-07 1.9072e-05 0.0000e+00  
1846 0.0000e+00 0.0000e+00 -4.7520e-03 8.0289e-08 1.8976e-05 0.0000e+00  
1847 0.0000e+00 0.0000e+00 -4.7320e-03 9.4246e-07 1.8710e-05 0.0000e+00  
1848 0.0000e+00 0.0000e+00 -4.8748e-03 -1.9801e-06 -1.7000e-05 0.0000e+00  
1849 0.0000e+00 0.0000e+00 -4.9301e-03 -7.3131e-07 -1.7996e-05 0.0000e+00  
1850 0.0000e+00 0.0000e+00 -4.9504e-03 -2.7494e-07 -1.8454e-05 0.0000e+00  
1851 0.0000e+00 0.0000e+00 -4.9579e-03 -1.0277e-07 -1.8504e-05 0.0000e+00  
1852 0.0000e+00 0.0000e+00 -4.9532e-03 3.2961e-07 -1.8146e-05 0.0000e+00  
1853 0.0000e+00 0.0000e+00 -4.9149e-03 1.5329e-06 -1.7253e-05 0.0000e+00  
1854 0.0000e+00 0.0000e+00 -4.7314e-03 -9.3915e-07 1.8705e-05 0.0000e+00  
1855 0.0000e+00 0.0000e+00 -4.7512e-03 -7.5594e-08 1.8971e-05 0.0000e+00  
1856 0.0000e+00 0.0000e+00 -4.7504e-03 1.0989e-07 1.9068e-05 0.0000e+00  
1857 0.0000e+00 0.0000e+00 -4.7465e-03 8.5145e-08 1.9032e-05 0.0000e+00  
1858 0.0000e+00 0.0000e+00 -4.7391e-03 2.9253e-07 1.8862e-05 0.0000e+00  
1859 0.0000e+00 0.0000e+00 -4.7097e-03 1.2004e-06 1.8518e-05 0.0000e+00  
1860 0.0000e+00 0.0000e+00 -4.9141e-03 -1.4568e-06 -1.7238e-05 0.0000e+00  
1861 0.0000e+00 0.0000e+00 -4.9491e-03 -2.3543e-07 -1.8125e-05 0.0000e+00  
1862 0.0000e+00 0.0000e+00 -4.9498e-03 2.0424e-07 -1.8475e-05 0.0000e+00  
1863 0.0000e+00 0.0000e+00 -4.9383e-03 3.7304e-07 -1.8417e-05 0.0000e+00  
1864 0.0000e+00 0.0000e+00 -4.9144e-03 8.1435e-07 -1.7953e-05 0.0000e+00  
1865 0.0000e+00 0.0000e+00 -4.8564e-03 2.0342e-06 -1.6953e-05 0.0000e+00  
1866 0.0000e+00 0.0000e+00 -4.6922e-03 9.3756e-08 -1.7207e-05 0.0000e+00  
1867 0.0000e+00 0.0000e+00 -4.6698e-03 9.6968e-07 -1.8135e-05 0.0000e+00  
1868 0.0000e+00 0.0000e+00 -4.6360e-03 5.8121e-07 -1.8564e-05 0.0000e+00  
1869 0.0000e+00 0.0000e+00 -4.6333e-03 -4.5477e-07 -1.8731e-05 0.0000e+00  
1870 0.0000e+00 0.0000e+00 -4.6772e-03 -1.5529e-06 -1.8714e-05 0.0000e+00

1871 0.0000e+00 0.0000e+00 -4.7575e-03 -2.1266e-06 -1.8438e-05 0.0000e+00  
1872 0.0000e+00 0.0000e+00 -4.8371e-03 -1.5562e-06 -1.7670e-05 0.0000e+00  
1873 0.0000e+00 0.0000e+00 -4.8355e-03 1.5927e-06 -1.7665e-05 0.0000e+00  
1874 0.0000e+00 0.0000e+00 -4.7543e-03 2.1636e-06 -1.8428e-05 0.0000e+00  
1875 0.0000e+00 0.0000e+00 -4.6724e-03 1.5893e-06 -1.8699e-05 0.0000e+00  
1876 0.0000e+00 0.0000e+00 -4.6270e-03 4.8903e-07 -1.8711e-05 0.0000e+00  
1877 0.0000e+00 0.0000e+00 -4.6283e-03 -5.5142e-07 -1.8540e-05 0.0000e+00  
1878 0.0000e+00 0.0000e+00 -4.6610e-03 -9.4770e-07 -1.8109e-05 0.0000e+00  
1879 0.0000e+00 0.0000e+00 -4.6826e-03 -8.4258e-08 -1.7179e-05 0.0000e+00  
1880 0.0000e+00 0.0000e+00 -4.3843e-03 1.6226e-06 1.7510e-05 0.0000e+00  
1881 0.0000e+00 0.0000e+00 -4.2971e-03 2.3545e-06 1.7514e-05 0.0000e+00  
1882 0.0000e+00 0.0000e+00 -4.2028e-03 1.9554e-06 1.7349e-05 0.0000e+00  
1883 0.0000e+00 0.0000e+00 -4.1393e-03 9.5307e-07 1.7092e-05 0.0000e+00  
1884 0.0000e+00 0.0000e+00 -4.1223e-03 -1.7444e-07 1.6766e-05 0.0000e+00  
1885 0.0000e+00 0.0000e+00 -4.1473e-03 -9.6444e-07 1.6353e-05 0.0000e+00  
1886 0.0000e+00 0.0000e+00 -4.1900e-03 -9.7425e-07 1.5864e-05 0.0000e+00  
1887 0.0000e+00 0.0000e+00 -4.1899e-03 9.7677e-07 1.5864e-05 0.0000e+00  
1888 0.0000e+00 0.0000e+00 -4.1471e-03 9.6781e-07 1.6352e-05 0.0000e+00  
1889 0.0000e+00 0.0000e+00 -4.1219e-03 1.7828e-07 1.6764e-05 0.0000e+00  
1890 0.0000e+00 0.0000e+00 -4.1387e-03 -9.4917e-07 1.7090e-05 0.0000e+00  
1891 0.0000e+00 0.0000e+00 -4.2021e-03 -1.9519e-06 1.7346e-05 0.0000e+00  
1892 0.0000e+00 0.0000e+00 -4.2962e-03 -2.3520e-06 1.7511e-05 0.0000e+00  
1893 0.0000e+00 0.0000e+00 -4.3834e-03 -1.6217e-06 1.7507e-05 0.0000e+00  
2124 8.5168e-04 2.0482e-05 0.0000e+00 0.0000e+00 0.0000e+00 9.8255e-09

SPOSTAMENTI NODALI "Q2" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	-1.8064e-03	-4.6792e-06	5.1182e-06	0.0000e+00
2	0.0000e+00	0.0000e+00	-2.6738e-03	-5.1690e-08	9.3032e-06	0.0000e+00
3	0.0000e+00	0.0000e+00	-2.5877e-03	8.2346e-08	9.5445e-06	0.0000e+00
4	0.0000e+00	0.0000e+00	-2.5751e-03	3.6864e-08	9.6183e-06	0.0000e+00
5	0.0000e+00	0.0000e+00	-2.5727e-03	-2.4155e-08	9.6896e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	-2.5772e-03	5.7294e-11	9.6430e-06	0.0000e+00
7	0.0000e+00	0.0000e+00	-2.5727e-03	2.4138e-08	9.6897e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	-2.5751e-03	-3.6655e-08	9.6184e-06	0.0000e+00
9	0.0000e+00	0.0000e+00	-2.5876e-03	-8.2432e-08	9.5448e-06	0.0000e+00
10	0.0000e+00	0.0000e+00	-2.6740e-03	5.1704e-08	9.3029e-06	0.0000e+00
11	0.0000e+00	0.0000e+00	-1.8062e-03	4.6801e-06	5.1187e-06	0.0000e+00
12	0.0000e+00	0.0000e+00	-2.7495e-03	-8.6012e-06	-9.5032e-07	0.0000e+00
13	0.0000e+00	0.0000e+00	-4.2105e-03	4.0762e-08	-9.5720e-07	0.0000e+00
14	0.0000e+00	0.0000e+00	-4.1386e-03	9.1241e-08	-9.1731e-07	0.0000e+00
15	0.0000e+00	0.0000e+00	-4.1408e-03	-9.5044e-08	-9.2711e-07	0.0000e+00
16	0.0000e+00	0.0000e+00	-4.1492e-03	2.1310e-08	-9.2901e-07	0.0000e+00
17	0.0000e+00	0.0000e+00	-4.1472e-03	3.0692e-12	-9.3478e-07	0.0000e+00
18	0.0000e+00	0.0000e+00	-4.1492e-03	-2.1306e-08	-9.2901e-07	0.0000e+00
19	0.0000e+00	0.0000e+00	-4.1408e-03	9.5061e-08	-9.2711e-07	0.0000e+00
20	0.0000e+00	0.0000e+00	-4.1386e-03	-9.1224e-08	-9.1729e-07	0.0000e+00
21	0.0000e+00	0.0000e+00	-4.2105e-03	4.0767e-08	-9.5715e-07	0.0000e+00
22	0.0000e+00	0.0000e+00	-2.7495e-03	8.6013e-06	-9.5005e-07	0.0000e+00
23	0.0000e+00	0.0000e+00	-1.7160e-03	-4.8959e-06	-5.6706e-06	0.0000e+00
24	0.0000e+00	0.0000e+00	-2.6671e-03	-1.3737e-07	-9.4247e-06	0.0000e+00
25	0.0000e+00	0.0000e+00	-2.5877e-03	9.0366e-08	-9.6308e-06	0.0000e+00
26	0.0000e+00	0.0000e+00	-2.5733e-03	4.3392e-08	-9.7245e-06	0.0000e+00
27	0.0000e+00	0.0000e+00	-2.5493e-03	1.0513e-07	-9.9579e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	-2.4979e-03	5.6183e-12	-1.0592e-05	0.0000e+00
29	0.0000e+00	0.0000e+00	-2.5493e-03	-1.0513e-07	-9.9579e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	-2.5733e-03	-4.3384e-08	-9.7245e-06	0.0000e+00
31	0.0000e+00	0.0000e+00	-2.5877e-03	-9.0440e-08	-9.6307e-06	0.0000e+00
32	0.0000e+00	0.0000e+00	-2.6672e-03	1.3730e-07	-9.4243e-06	0.0000e+00
33	0.0000e+00	0.0000e+00	-1.7161e-03	4.8958e-06	-5.6703e-06	0.0000e+00
67	0.0000e+00	0.0000e+00	-1.5534e-03	-4.1992e-06	5.8241e-06	0.0000e+00
68	0.0000e+00	0.0000e+00	-2.2420e-03	5.1607e-08	9.6873e-06	0.0000e+00
69	0.0000e+00	0.0000e+00	-2.1454e-03	6.9258e-08	9.8917e-06	0.0000e+00
70	0.0000e+00	0.0000e+00	-2.1296e-03	6.9965e-08	9.9554e-06	0.0000e+00
71	0.0000e+00	0.0000e+00	-2.1241e-03	-3.8008e-08	1.0027e-05	0.0000e+00
72	0.0000e+00	0.0000e+00	-2.1306e-03	6.4609e-11	9.9833e-06	0.0000e+00
73	0.0000e+00	0.0000e+00	-2.1240e-03	3.7993e-08	1.0027e-05	0.0000e+00
74	0.0000e+00	0.0000e+00	-2.1296e-03	-6.9741e-08	9.9556e-06	0.0000e+00
75	0.0000e+00	0.0000e+00	-2.1453e-03	-6.9362e-08	9.8920e-06	0.0000e+00
76	0.0000e+00	0.0000e+00	-2.2421e-03	-5.1593e-08	9.6870e-06	0.0000e+00
77	0.0000e+00	0.0000e+00	-1.5532e-03	4.2001e-06	5.8243e-06	0.0000e+00

78	0.0000e+00	0.0000e+00	-1.4368e-03	-4.4825e-06	-6.4429e-06	0.0000e+00
79	0.0000e+00	0.0000e+00	-2.2270e-03	-3.8713e-08	-9.9473e-06	0.0000e+00
80	0.0000e+00	0.0000e+00	-2.1380e-03	8.0853e-08	-1.0162e-05	0.0000e+00
81	0.0000e+00	0.0000e+00	-2.1193e-03	8.4723e-08	-1.0257e-05	0.0000e+00
82	0.0000e+00	0.0000e+00	-2.0845e-03	1.3032e-07	-1.0502e-05	0.0000e+00
83	0.0000e+00	0.0000e+00	-2.0111e-03	6.1378e-12	-1.0946e-05	0.0000e+00
84	0.0000e+00	0.0000e+00	-2.0845e-03	-1.3032e-07	-1.0502e-05	0.0000e+00
85	0.0000e+00	0.0000e+00	-2.1193e-03	-8.4719e-08	-1.0257e-05	0.0000e+00
86	0.0000e+00	0.0000e+00	-2.1380e-03	-8.0948e-08	-1.0162e-05	0.0000e+00
87	0.0000e+00	0.0000e+00	-2.2271e-03	3.8622e-08	-9.9470e-06	0.0000e+00
88	0.0000e+00	0.0000e+00	-1.4369e-03	4.4824e-06	-6.4426e-06	0.0000e+00
89	0.0000e+00	0.0000e+00	-1.5703e-03	-5.5062e-06	4.6339e-06	0.0000e+00
90	0.0000e+00	0.0000e+00	-2.3496e-03	-9.0312e-06	-8.1014e-07	0.0000e+00
91	0.0000e+00	0.0000e+00	-1.4709e-03	-5.6923e-06	-5.2230e-06	0.0000e+00
92	0.0000e+00	0.0000e+00	-1.3421e-03	-5.0524e-06	5.3951e-06	0.0000e+00
93	0.0000e+00	0.0000e+00	-1.2154e-03	-5.2505e-06	-6.0163e-06	0.0000e+00
94	0.0000e+00	0.0000e+00	-1.2155e-03	5.2504e-06	-6.0160e-06	0.0000e+00
95	0.0000e+00	0.0000e+00	-1.5700e-03	5.5070e-06	4.6343e-06	0.0000e+00
96	0.0000e+00	0.0000e+00	-2.3496e-03	9.0313e-06	-8.0982e-07	0.0000e+00
97	0.0000e+00	0.0000e+00	-1.4710e-03	5.6922e-06	-5.2227e-06	0.0000e+00
98	0.0000e+00	0.0000e+00	-1.3418e-03	5.0533e-06	5.3954e-06	0.0000e+00
99	0.0000e+00	0.0000e+00	-2.0242e-03	-5.8374e-06	4.7108e-06	0.0000e+00
100	0.0000e+00	0.0000e+00	-2.2516e-03	-5.4826e-06	5.7960e-06	0.0000e+00
101	0.0000e+00	0.0000e+00	-1.9891e-03	-4.3026e-06	6.1864e-06	0.0000e+00
102	0.0000e+00	0.0000e+00	-2.4567e-03	-4.7630e-06	6.7256e-06	0.0000e+00
103	0.0000e+00	0.0000e+00	-2.1529e-03	-3.7965e-06	7.1091e-06	0.0000e+00
104	0.0000e+00	0.0000e+00	-2.6305e-03	-3.9348e-06	7.4549e-06	0.0000e+00
105	0.0000e+00	0.0000e+00	-2.2940e-03	-3.2141e-06	7.8685e-06	0.0000e+00
106	0.0000e+00	0.0000e+00	-2.7710e-03	-3.1077e-06	7.9729e-06	0.0000e+00
107	0.0000e+00	0.0000e+00	-2.4104e-03	-2.6070e-06	8.4567e-06	0.0000e+00
108	0.0000e+00	0.0000e+00	-2.8796e-03	-2.3392e-06	8.3143e-06	0.0000e+00
109	0.0000e+00	0.0000e+00	-2.5022e-03	-2.0188e-06	8.8874e-06	0.0000e+00
110	0.0000e+00	0.0000e+00	-2.9593e-03	-1.6613e-06	8.5207e-06	0.0000e+00
111	0.0000e+00	0.0000e+00	-2.5710e-03	-1.4808e-06	9.1808e-06	0.0000e+00
112	0.0000e+00	0.0000e+00	-3.0139e-03	-1.0880e-06	8.6309e-06	0.0000e+00
113	0.0000e+00	0.0000e+00	-2.6195e-03	-1.0118e-06	9.3579e-06	0.0000e+00
114	0.0000e+00	0.0000e+00	-3.0479e-03	-6.2205e-07	8.6812e-06	0.0000e+00
115	0.0000e+00	0.0000e+00	-2.6508e-03	-6.1899e-07	9.4355e-06	0.0000e+00
116	0.0000e+00	0.0000e+00	-3.0655e-03	-2.6811e-07	8.7154e-06	0.0000e+00
117	0.0000e+00	0.0000e+00	-2.6679e-03	-3.0061e-07	9.4252e-06	0.0000e+00
118	0.0000e+00	0.0000e+00	-3.0724e-03	-9.0427e-08	8.7591e-06	0.0000e+00
119	0.0000e+00	0.0000e+00	-2.2197e-03	-6.8108e-06	4.1473e-06	0.0000e+00
120	0.0000e+00	0.0000e+00	-2.4871e-03	-6.4812e-06	4.9983e-06	0.0000e+00
121	0.0000e+00	0.0000e+00	-2.7290e-03	-5.6001e-06	5.7441e-06	0.0000e+00
122	0.0000e+00	0.0000e+00	-2.9319e-03	-4.5559e-06	6.3415e-06	0.0000e+00
123	0.0000e+00	0.0000e+00	-3.0931e-03	-3.5274e-06	6.7654e-06	0.0000e+00
124	0.0000e+00	0.0000e+00	-3.2151e-03	-2.5982e-06	7.0368e-06	0.0000e+00
125	0.0000e+00	0.0000e+00	-3.3027e-03	-1.8045e-06	7.1916e-06	0.0000e+00
126	0.0000e+00	0.0000e+00	-3.3615e-03	-1.1579e-06	7.2685e-06	0.0000e+00
127	0.0000e+00	0.0000e+00	-3.3974e-03	-6.5992e-07	7.3034e-06	0.0000e+00
128	0.0000e+00	0.0000e+00	-3.4164e-03	-3.1260e-07	7.3261e-06	0.0000e+00
129	0.0000e+00	0.0000e+00	-3.4244e-03	-1.1181e-07	7.3384e-06	0.0000e+00
130	0.0000e+00	0.0000e+00	-2.3873e-03	-7.5831e-06	3.4883e-06	0.0000e+00
131	0.0000e+00	0.0000e+00	-2.6851e-03	-7.2209e-06	4.0927e-06	0.0000e+00
132	0.0000e+00	0.0000e+00	-2.9547e-03	-6.2320e-06	4.6134e-06	0.0000e+00
133	0.0000e+00	0.0000e+00	-3.1798e-03	-5.0341e-06	5.0368e-06	0.0000e+00
134	0.0000e+00	0.0000e+00	-3.3569e-03	-3.8507e-06	5.3426e-06	0.0000e+00
135	0.0000e+00	0.0000e+00	-3.4892e-03	-2.7920e-06	5.5382e-06	0.0000e+00
136	0.0000e+00	0.0000e+00	-3.5825e-03	-1.9045e-06	5.6461e-06	0.0000e+00
137	0.0000e+00	0.0000e+00	-3.6441e-03	-1.2008e-06	5.6940e-06	0.0000e+00
138	0.0000e+00	0.0000e+00	-3.6811e-03	-6.7640e-07	5.7081e-06	0.0000e+00
139	0.0000e+00	0.0000e+00	-3.7006e-03	-3.1811e-07	5.7062e-06	0.0000e+00
140	0.0000e+00	0.0000e+00	-3.7086e-03	-1.0125e-07	5.6935e-06	0.0000e+00
141	0.0000e+00	0.0000e+00	-2.5244e-03	-8.1565e-06	2.7936e-06	0.0000e+00
142	0.0000e+00	0.0000e+00	-2.8436e-03	-7.7155e-06	3.1902e-06	0.0000e+00
143	0.0000e+00	0.0000e+00	-3.1315e-03	-6.6492e-06	3.5181e-06	0.0000e+00
144	0.0000e+00	0.0000e+00	-3.3715e-03	-5.3546e-06	3.7818e-06	0.0000e+00
145	0.0000e+00	0.0000e+00	-3.5595e-03	-4.0695e-06	3.9738e-06	0.0000e+00
146	0.0000e+00	0.0000e+00	-3.6987e-03	-2.9209e-06	4.0956e-06	0.0000e+00
147	0.0000e+00	0.0000e+00	-3.7957e-03	-1.9656e-06	4.1584e-06	0.0000e+00
148	0.0000e+00	0.0000e+00	-3.8588e-03	-1.2183e-06	4.1786e-06	0.0000e+00
149	0.0000e+00	0.0000e+00	-3.8961e-03	-6.7049e-07	4.1728e-06	0.0000e+00

150	0.0000e+00	0.0000e+00	-3.9150e-03	-3.0002e-07	4.1532e-06	0.0000e+00
151	0.0000e+00	0.0000e+00	-3.9222e-03	-7.4812e-08	4.1271e-06	0.0000e+00
152	0.0000e+00	0.0000e+00	-2.6307e-03	-8.5532e-06	2.1068e-06	0.0000e+00
153	0.0000e+00	0.0000e+00	-2.9639e-03	-8.0194e-06	2.3440e-06	0.0000e+00
154	0.0000e+00	0.0000e+00	-3.2629e-03	-6.8943e-06	2.5299e-06	0.0000e+00
155	0.0000e+00	0.0000e+00	-3.5116e-03	-5.5420e-06	2.6739e-06	0.0000e+00
156	0.0000e+00	0.0000e+00	-3.7060e-03	-4.1966e-06	2.7774e-06	0.0000e+00
157	0.0000e+00	0.0000e+00	-3.8492e-03	-2.9919e-06	2.8401e-06	0.0000e+00
158	0.0000e+00	0.0000e+00	-3.9482e-03	-1.9915e-06	2.8662e-06	0.0000e+00
159	0.0000e+00	0.0000e+00	-4.0116e-03	-1.2133e-06	2.8640e-06	0.0000e+00
160	0.0000e+00	0.0000e+00	-4.0483e-03	-6.4781e-07	2.8436e-06	0.0000e+00
161	0.0000e+00	0.0000e+00	-4.0662e-03	-2.6929e-07	2.8142e-06	0.0000e+00
162	0.0000e+00	0.0000e+00	-4.0721e-03	-4.2218e-08	2.7833e-06	0.0000e+00
163	0.0000e+00	0.0000e+00	-2.7076e-03	-8.8011e-06	1.4514e-06	0.0000e+00
164	0.0000e+00	0.0000e+00	-3.0491e-03	-8.1868e-06	1.5728e-06	0.0000e+00
165	0.0000e+00	0.0000e+00	-3.3540e-03	-7.0210e-06	1.6647e-06	0.0000e+00
166	0.0000e+00	0.0000e+00	-3.6072e-03	-5.6367e-06	1.7332e-06	0.0000e+00
167	0.0000e+00	0.0000e+00	-3.8048e-03	-4.2583e-06	1.7811e-06	0.0000e+00
168	0.0000e+00	0.0000e+00	-3.9498e-03	-3.0209e-06	1.8063e-06	0.0000e+00
169	0.0000e+00	0.0000e+00	-4.0494e-03	-1.9919e-06	1.8092e-06	0.0000e+00
170	0.0000e+00	0.0000e+00	-4.1125e-03	-1.1928e-06	1.7935e-06	0.0000e+00
171	0.0000e+00	0.0000e+00	-4.1481e-03	-6.1548e-07	1.7651e-06	0.0000e+00
172	0.0000e+00	0.0000e+00	-4.1646e-03	-2.3394e-07	1.7319e-06	0.0000e+00
173	0.0000e+00	0.0000e+00	-4.1691e-03	-1.0936e-08	1.7019e-06	0.0000e+00
174	0.0000e+00	0.0000e+00	-2.7568e-03	-8.9248e-06	8.3180e-07	0.0000e+00
175	0.0000e+00	0.0000e+00	-3.1021e-03	-8.2622e-06	8.7045e-07	0.0000e+00
176	0.0000e+00	0.0000e+00	-3.4097e-03	-7.0780e-06	9.0712e-07	0.0000e+00
177	0.0000e+00	0.0000e+00	-3.6651e-03	-5.6798e-06	9.3805e-07	0.0000e+00
178	0.0000e+00	0.0000e+00	-3.8641e-03	-4.2843e-06	9.6009e-07	0.0000e+00
179	0.0000e+00	0.0000e+00	-4.0098e-03	-3.0273e-06	9.6899e-07	0.0000e+00
180	0.0000e+00	0.0000e+00	-4.1093e-03	-1.9795e-06	9.6317e-07	0.0000e+00
181	0.0000e+00	0.0000e+00	-4.1716e-03	-1.1653e-06	9.4357e-07	0.0000e+00
182	0.0000e+00	0.0000e+00	-4.2059e-03	-5.7958e-07	9.1366e-07	0.0000e+00
183	0.0000e+00	0.0000e+00	-4.2210e-03	-1.9895e-07	8.8048e-07	0.0000e+00
184	0.0000e+00	0.0000e+00	-4.2243e-03	1.3841e-08	8.5470e-07	0.0000e+00
185	0.0000e+00	0.0000e+00	-2.7798e-03	-8.9393e-06	2.3797e-07	0.0000e+00
186	0.0000e+00	0.0000e+00	-3.1257e-03	-8.2790e-06	2.1425e-07	0.0000e+00
187	0.0000e+00	0.0000e+00	-3.4343e-03	-7.1032e-06	2.2514e-07	0.0000e+00
188	0.0000e+00	0.0000e+00	-3.6906e-03	-5.7031e-06	2.4480e-07	0.0000e+00
189	0.0000e+00	0.0000e+00	-3.8904e-03	-4.2980e-06	2.6052e-07	0.0000e+00
190	0.0000e+00	0.0000e+00	-4.0364e-03	-3.0281e-06	2.6758e-07	0.0000e+00
191	0.0000e+00	0.0000e+00	-4.1358e-03	-1.9666e-06	2.6437e-07	0.0000e+00
192	0.0000e+00	0.0000e+00	-4.1973e-03	-1.1397e-06	2.5030e-07	0.0000e+00
193	0.0000e+00	0.0000e+00	-4.2304e-03	-5.4518e-07	2.2592e-07	0.0000e+00
194	0.0000e+00	0.0000e+00	-4.2441e-03	-1.6605e-07	1.9515e-07	0.0000e+00
195	0.0000e+00	0.0000e+00	-4.2464e-03	2.9134e-08	1.7371e-07	0.0000e+00
196	0.0000e+00	0.0000e+00	-2.7774e-03	-8.8444e-06	-3.4914e-07	0.0000e+00
197	0.0000e+00	0.0000e+00	-3.1213e-03	-8.2666e-06	-4.2343e-07	0.0000e+00
198	0.0000e+00	0.0000e+00	-3.4301e-03	-7.1219e-06	-4.1517e-07	0.0000e+00
199	0.0000e+00	0.0000e+00	-3.6872e-03	-5.7219e-06	-4.0086e-07	0.0000e+00
200	0.0000e+00	0.0000e+00	-3.8876e-03	-4.3108e-06	-3.8853e-07	0.0000e+00
201	0.0000e+00	0.0000e+00	-4.0340e-03	-3.0331e-06	-3.7951e-07	0.0000e+00
202	0.0000e+00	0.0000e+00	-4.1333e-03	-1.9628e-06	-3.7448e-07	0.0000e+00
203	0.0000e+00	0.0000e+00	-4.1945e-03	-1.1259e-06	-3.7475e-07	0.0000e+00
204	0.0000e+00	0.0000e+00	-4.2269e-03	-5.2023e-07	-3.8257e-07	0.0000e+00
205	0.0000e+00	0.0000e+00	-4.2395e-03	-1.3406e-07	-4.0200e-07	0.0000e+00
206	0.0000e+00	0.0000e+00	-4.2410e-03	3.4090e-08	-4.2085e-07	0.0000e+00
207	0.0000e+00	0.0000e+00	-3.0899e-03	-8.2477e-06	-1.0106e-06	0.0000e+00
208	0.0000e+00	0.0000e+00	-3.3983e-03	-7.1201e-06	-1.0480e-06	0.0000e+00
209	0.0000e+00	0.0000e+00	-3.6554e-03	-5.7262e-06	-1.0649e-06	0.0000e+00
210	0.0000e+00	0.0000e+00	-3.8560e-03	-4.3181e-06	-1.0701e-06	0.0000e+00
211	0.0000e+00	0.0000e+00	-4.0027e-03	-3.0424e-06	-1.0661e-06	0.0000e+00
212	0.0000e+00	0.0000e+00	-4.1024e-03	-1.9727e-06	-1.0545e-06	0.0000e+00
213	0.0000e+00	0.0000e+00	-4.1640e-03	-1.1345e-06	-1.0370e-06	0.0000e+00
214	0.0000e+00	0.0000e+00	-4.1967e-03	-5.2497e-07	-1.0152e-06	0.0000e+00
215	0.0000e+00	0.0000e+00	-4.2093e-03	-1.3072e-07	-9.9056e-07	0.0000e+00
216	0.0000e+00	0.0000e+00	-3.0735e-03	3.3016e-08	8.7859e-06	0.0000e+00
217	0.0000e+00	0.0000e+00	-2.6706e-03	1.3560e-07	9.5967e-06	0.0000e+00
218	0.0000e+00	0.0000e+00	-3.0690e-03	1.5765e-07	8.8370e-06	0.0000e+00
219	0.0000e+00	0.0000e+00	-2.6609e-03	2.4672e-07	9.7887e-06	0.0000e+00
220	0.0000e+00	0.0000e+00	-3.0604e-03	2.2737e-07	8.8984e-06	0.0000e+00
221	0.0000e+00	0.0000e+00	-2.6480e-03	2.9426e-07	9.9205e-06	0.0000e+00

222	0.0000e+00	0.0000e+00	-3.0497e-03	2.5227e-07	8.9498e-06	0.0000e+00
223	0.0000e+00	0.0000e+00	-2.6343e-03	2.9561e-07	1.0005e-05	0.0000e+00
224	0.0000e+00	0.0000e+00	-3.0386e-03	2.4819e-07	8.9841e-06	0.0000e+00
225	0.0000e+00	0.0000e+00	-2.6215e-03	2.6655e-07	1.0049e-05	0.0000e+00
226	0.0000e+00	0.0000e+00	-3.0281e-03	2.2942e-07	8.9978e-06	0.0000e+00
227	0.0000e+00	0.0000e+00	-2.6106e-03	2.2080e-07	1.0052e-05	0.0000e+00
228	0.0000e+00	0.0000e+00	-3.0186e-03	2.0774e-07	8.9906e-06	0.0000e+00
229	0.0000e+00	0.0000e+00	-2.6020e-03	1.7018e-07	1.0014e-05	0.0000e+00
230	0.0000e+00	0.0000e+00	-3.0099e-03	1.9165e-07	8.9665e-06	0.0000e+00
231	0.0000e+00	0.0000e+00	-2.5958e-03	1.2514e-07	9.9284e-06	0.0000e+00
232	0.0000e+00	0.0000e+00	-3.0019e-03	1.7922e-07	8.9460e-06	0.0000e+00
233	0.0000e+00	0.0000e+00	-2.5913e-03	9.4963e-08	9.7837e-06	0.0000e+00
234	0.0000e+00	0.0000e+00	-2.9958e-03	9.6064e-08	8.9481e-06	0.0000e+00
235	0.0000e+00	0.0000e+00	-3.4260e-03	3.1377e-08	7.3293e-06	0.0000e+00
236	0.0000e+00	0.0000e+00	-3.4222e-03	1.2951e-07	7.3213e-06	0.0000e+00
237	0.0000e+00	0.0000e+00	-3.4150e-03	1.9084e-07	7.3319e-06	0.0000e+00
238	0.0000e+00	0.0000e+00	-3.4058e-03	2.1962e-07	7.3516e-06	0.0000e+00
239	0.0000e+00	0.0000e+00	-3.3960e-03	2.2580e-07	7.3720e-06	0.0000e+00
240	0.0000e+00	0.0000e+00	-3.3861e-03	2.1965e-07	7.3883e-06	0.0000e+00
241	0.0000e+00	0.0000e+00	-3.3767e-03	2.0834e-07	7.4001e-06	0.0000e+00
242	0.0000e+00	0.0000e+00	-3.3679e-03	1.9265e-07	7.4119e-06	0.0000e+00
243	0.0000e+00	0.0000e+00	-3.3601e-03	1.6128e-07	7.4317e-06	0.0000e+00
244	0.0000e+00	0.0000e+00	-3.3543e-03	1.0100e-07	7.4442e-06	0.0000e+00
245	0.0000e+00	0.0000e+00	-3.7093e-03	5.4167e-08	5.6680e-06	0.0000e+00
246	0.0000e+00	0.0000e+00	-3.7049e-03	1.4106e-07	5.6429e-06	0.0000e+00
247	0.0000e+00	0.0000e+00	-3.6975e-03	1.8755e-07	5.6304e-06	0.0000e+00
248	0.0000e+00	0.0000e+00	-3.6888e-03	2.0756e-07	5.6309e-06	0.0000e+00
249	0.0000e+00	0.0000e+00	-3.6795e-03	2.1077e-07	5.6400e-06	0.0000e+00
250	0.0000e+00	0.0000e+00	-3.6703e-03	2.0437e-07	5.6537e-06	0.0000e+00
251	0.0000e+00	0.0000e+00	-3.6616e-03	1.9191e-07	5.6707e-06	0.0000e+00
252	0.0000e+00	0.0000e+00	-3.6536e-03	1.7213e-07	5.6911e-06	0.0000e+00
253	0.0000e+00	0.0000e+00	-3.6467e-03	1.4055e-07	5.7126e-06	0.0000e+00
254	0.0000e+00	0.0000e+00	-3.6414e-03	9.9699e-08	5.7242e-06	0.0000e+00
255	0.0000e+00	0.0000e+00	-3.9216e-03	8.4554e-08	4.0952e-06	0.0000e+00
256	0.0000e+00	0.0000e+00	-3.9160e-03	1.6388e-07	4.0667e-06	0.0000e+00
257	0.0000e+00	0.0000e+00	-3.9080e-03	1.9768e-07	4.0484e-06	0.0000e+00
258	0.0000e+00	0.0000e+00	-3.8990e-03	2.0655e-07	4.0415e-06	0.0000e+00
259	0.0000e+00	0.0000e+00	-3.8900e-03	2.0221e-07	4.0439e-06	0.0000e+00
260	0.0000e+00	0.0000e+00	-3.8813e-03	1.9085e-07	4.0526e-06	0.0000e+00
261	0.0000e+00	0.0000e+00	-3.8733e-03	1.7457e-07	4.0657e-06	0.0000e+00
262	0.0000e+00	0.0000e+00	-3.8660e-03	1.5267e-07	4.0815e-06	0.0000e+00
263	0.0000e+00	0.0000e+00	-3.8599e-03	1.2477e-07	4.0965e-06	0.0000e+00
264	0.0000e+00	0.0000e+00	-3.8550e-03	9.5906e-08	4.1049e-06	0.0000e+00
265	0.0000e+00	0.0000e+00	-4.0702e-03	1.1459e-07	2.7527e-06	0.0000e+00
266	0.0000e+00	0.0000e+00	-4.0634e-03	1.8604e-07	2.7291e-06	0.0000e+00
267	0.0000e+00	0.0000e+00	-4.0546e-03	2.0975e-07	2.7144e-06	0.0000e+00
268	0.0000e+00	0.0000e+00	-4.0454e-03	2.0954e-07	2.7080e-06	0.0000e+00
269	0.0000e+00	0.0000e+00	-4.0364e-03	1.9853e-07	2.7077e-06	0.0000e+00
270	0.0000e+00	0.0000e+00	-4.0280e-03	1.8277e-07	2.7114e-06	0.0000e+00
271	0.0000e+00	0.0000e+00	-4.0203e-03	1.6382e-07	2.7173e-06	0.0000e+00
272	0.0000e+00	0.0000e+00	-4.0136e-03	1.4125e-07	2.7240e-06	0.0000e+00
273	0.0000e+00	0.0000e+00	-4.0079e-03	1.1577e-07	2.7302e-06	0.0000e+00
274	0.0000e+00	0.0000e+00	-4.0033e-03	9.2260e-08	2.7341e-06	0.0000e+00
275	0.0000e+00	0.0000e+00	-4.1661e-03	1.3764e-07	1.6787e-06	0.0000e+00
276	0.0000e+00	0.0000e+00	-4.1585e-03	2.0020e-07	1.6662e-06	0.0000e+00
277	0.0000e+00	0.0000e+00	-4.1493e-03	2.1663e-07	1.6612e-06	0.0000e+00
278	0.0000e+00	0.0000e+00	-4.1398e-03	2.1142e-07	1.6602e-06	0.0000e+00
279	0.0000e+00	0.0000e+00	-4.1308e-03	1.9760e-07	1.6605e-06	0.0000e+00
280	0.0000e+00	0.0000e+00	-4.1225e-03	1.8079e-07	1.6603e-06	0.0000e+00
281	0.0000e+00	0.0000e+00	-4.1149e-03	1.6194e-07	1.6586e-06	0.0000e+00
282	0.0000e+00	0.0000e+00	-4.1082e-03	1.3985e-07	1.6551e-06	0.0000e+00
283	0.0000e+00	0.0000e+00	-4.1026e-03	1.1446e-07	1.6514e-06	0.0000e+00
284	0.0000e+00	0.0000e+00	-4.0981e-03	9.0354e-08	1.6501e-06	0.0000e+00
285	0.0000e+00	0.0000e+00	-4.2205e-03	1.4787e-07	8.4401e-07	0.0000e+00
286	0.0000e+00	0.0000e+00	-4.2127e-03	2.0100e-07	8.4794e-07	0.0000e+00
287	0.0000e+00	0.0000e+00	-4.2035e-03	2.1410e-07	8.5627e-07	0.0000e+00
288	0.0000e+00	0.0000e+00	-4.1942e-03	2.0918e-07	8.6288e-07	0.0000e+00
289	0.0000e+00	0.0000e+00	-4.1852e-03	1.9752e-07	8.6544e-07	0.0000e+00
290	0.0000e+00	0.0000e+00	-4.1769e-03	1.8401e-07	8.6296e-07	0.0000e+00
291	0.0000e+00	0.0000e+00	-4.1691e-03	1.6889e-07	8.5480e-07	0.0000e+00
292	0.0000e+00	0.0000e+00	-4.1620e-03	1.4915e-07	8.4151e-07	0.0000e+00
293	0.0000e+00	0.0000e+00	-4.1560e-03	1.2179e-07	8.2703e-07	0.0000e+00



294	0.0000e+00	0.0000e+00	-4.1514e-03	9.0547e-08	8.1976e-07	0.0000e+00
295	0.0000e+00	0.0000e+00	-4.2425e-03	1.3969e-07	1.7992e-07	0.0000e+00
296	0.0000e+00	0.0000e+00	-4.2353e-03	1.8525e-07	2.0424e-07	0.0000e+00
297	0.0000e+00	0.0000e+00	-4.2267e-03	2.0118e-07	2.2527e-07	0.0000e+00
298	0.0000e+00	0.0000e+00	-4.2178e-03	2.0222e-07	2.3819e-07	0.0000e+00
299	0.0000e+00	0.0000e+00	-4.2091e-03	1.9710e-07	2.4291e-07	0.0000e+00
300	0.0000e+00	0.0000e+00	-4.2005e-03	1.9054e-07	2.3972e-07	0.0000e+00
301	0.0000e+00	0.0000e+00	-4.1923e-03	1.8275e-07	2.2821e-07	0.0000e+00
302	0.0000e+00	0.0000e+00	-4.1845e-03	1.6874e-07	2.0805e-07	0.0000e+00
303	0.0000e+00	0.0000e+00	-4.1777e-03	1.3932e-07	1.8234e-07	0.0000e+00
304	0.0000e+00	0.0000e+00	-4.1726e-03	9.2149e-08	1.6804e-07	0.0000e+00
305	0.0000e+00	0.0000e+00	-4.2377e-03	1.0642e-07	-3.9493e-07	0.0000e+00
306	0.0000e+00	0.0000e+00	-4.2319e-03	1.5564e-07	-3.5523e-07	0.0000e+00
307	0.0000e+00	0.0000e+00	-4.2244e-03	1.8240e-07	-3.3101e-07	0.0000e+00
308	0.0000e+00	0.0000e+00	-4.2161e-03	1.9296e-07	-3.1766e-07	0.0000e+00
309	0.0000e+00	0.0000e+00	-4.2075e-03	1.9604e-07	-3.1271e-07	0.0000e+00
310	0.0000e+00	0.0000e+00	-4.1988e-03	1.9740e-07	-3.1500e-07	0.0000e+00
311	0.0000e+00	0.0000e+00	-4.1901e-03	1.9830e-07	-3.2454e-07	0.0000e+00
312	0.0000e+00	0.0000e+00	-4.1815e-03	1.9408e-07	-3.4263e-07	0.0000e+00
313	0.0000e+00	0.0000e+00	-4.1734e-03	1.6984e-07	-3.7279e-07	0.0000e+00
314	0.0000e+00	0.0000e+00	-4.1675e-03	9.4006e-08	-3.9511e-07	0.0000e+00
315	0.0000e+00	0.0000e+00	-4.2085e-03	7.3022e-08	-9.5136e-07	0.0000e+00
316	0.0000e+00	0.0000e+00	-4.2039e-03	1.3272e-07	-9.3882e-07	0.0000e+00
317	0.0000e+00	0.0000e+00	-4.1972e-03	1.6835e-07	-9.2860e-07	0.0000e+00
318	0.0000e+00	0.0000e+00	-4.1893e-03	1.8593e-07	-9.2199e-07	0.0000e+00
319	0.0000e+00	0.0000e+00	-4.1809e-03	1.9485e-07	-9.1928e-07	0.0000e+00
320	0.0000e+00	0.0000e+00	-4.1722e-03	2.0129e-07	-9.1985e-07	0.0000e+00
321	0.0000e+00	0.0000e+00	-4.1632e-03	2.0697e-07	-9.2249e-07	0.0000e+00
322	0.0000e+00	0.0000e+00	-4.1541e-03	2.0804e-07	-9.2542e-07	0.0000e+00
323	0.0000e+00	0.0000e+00	-4.1453e-03	1.9007e-07	-9.2647e-07	0.0000e+00
324	0.0000e+00	0.0000e+00	-2.9866e-03	-4.8250e-09	9.0254e-06	0.0000e+00
325	0.0000e+00	0.0000e+00	-2.9881e-03	-6.0185e-08	9.0506e-06	0.0000e+00
326	0.0000e+00	0.0000e+00	-2.5729e-03	5.4939e-08	9.8866e-06	0.0000e+00
327	0.0000e+00	0.0000e+00	-2.9901e-03	-3.8722e-08	9.1011e-06	0.0000e+00
328	0.0000e+00	0.0000e+00	-2.5700e-03	5.9143e-08	1.0062e-05	0.0000e+00
329	0.0000e+00	0.0000e+00	-2.9912e-03	-1.8773e-08	9.1567e-06	0.0000e+00
330	0.0000e+00	0.0000e+00	-2.5674e-03	4.8955e-08	1.0179e-05	0.0000e+00
331	0.0000e+00	0.0000e+00	-2.9917e-03	-6.3742e-09	9.1952e-06	0.0000e+00
332	0.0000e+00	0.0000e+00	-2.5655e-03	2.9540e-08	1.0248e-05	0.0000e+00
333	0.0000e+00	0.0000e+00	-2.9918e-03	1.3598e-09	9.2108e-06	0.0000e+00
334	0.0000e+00	0.0000e+00	-2.5647e-03	5.6137e-09	1.0273e-05	0.0000e+00
335	0.0000e+00	0.0000e+00	-2.9916e-03	8.5284e-09	9.2023e-06	0.0000e+00
336	0.0000e+00	0.0000e+00	-2.5650e-03	-1.8441e-08	1.0258e-05	0.0000e+00
337	0.0000e+00	0.0000e+00	-2.9910e-03	1.9253e-08	9.1716e-06	0.0000e+00
338	0.0000e+00	0.0000e+00	-2.5664e-03	-3.8168e-08	1.0201e-05	0.0000e+00
339	0.0000e+00	0.0000e+00	-2.9899e-03	3.6455e-08	9.1258e-06	0.0000e+00
340	0.0000e+00	0.0000e+00	-2.5686e-03	-4.8602e-08	1.0097e-05	0.0000e+00
341	0.0000e+00	0.0000e+00	-2.9881e-03	5.3964e-08	9.0883e-06	0.0000e+00
342	0.0000e+00	0.0000e+00	-2.5710e-03	-4.4091e-08	9.9373e-06	0.0000e+00
343	0.0000e+00	0.0000e+00	-2.9870e-03	-1.0038e-08	9.0836e-06	0.0000e+00
344	0.0000e+00	0.0000e+00	-3.3483e-03	-3.4635e-08	7.5140e-06	0.0000e+00
345	0.0000e+00	0.0000e+00	-3.3506e-03	-6.9118e-08	7.5260e-06	0.0000e+00
346	0.0000e+00	0.0000e+00	-3.3537e-03	-6.8623e-08	7.5324e-06	0.0000e+00
347	0.0000e+00	0.0000e+00	-3.3563e-03	-4.8894e-08	7.5477e-06	0.0000e+00
348	0.0000e+00	0.0000e+00	-3.3578e-03	-2.4959e-08	7.5620e-06	0.0000e+00
349	0.0000e+00	0.0000e+00	-3.3584e-03	-1.4306e-09	7.5690e-06	0.0000e+00
350	0.0000e+00	0.0000e+00	-3.3580e-03	2.1140e-08	7.5667e-06	0.0000e+00
351	0.0000e+00	0.0000e+00	-3.3566e-03	4.2138e-08	7.5577e-06	0.0000e+00
352	0.0000e+00	0.0000e+00	-3.3545e-03	5.6677e-08	7.5497e-06	0.0000e+00
353	0.0000e+00	0.0000e+00	-3.3521e-03	4.8791e-08	7.5537e-06	0.0000e+00
354	0.0000e+00	0.0000e+00	-3.3509e-03	1.0029e-09	7.5555e-06	0.0000e+00
355	0.0000e+00	0.0000e+00	-3.6381e-03	-5.4913e-08	5.7818e-06	0.0000e+00
356	0.0000e+00	0.0000e+00	-3.6409e-03	-7.1276e-08	5.7904e-06	0.0000e+00
357	0.0000e+00	0.0000e+00	-3.6441e-03	-7.1950e-08	5.7899e-06	0.0000e+00
358	0.0000e+00	0.0000e+00	-3.6470e-03	-5.6031e-08	5.7906e-06	0.0000e+00
359	0.0000e+00	0.0000e+00	-3.6489e-03	-3.1044e-08	5.7932e-06	0.0000e+00
360	0.0000e+00	0.0000e+00	-3.6496e-03	-3.2339e-09	5.7954e-06	0.0000e+00
361	0.0000e+00	0.0000e+00	-3.6492e-03	2.3238e-08	5.7963e-06	0.0000e+00
362	0.0000e+00	0.0000e+00	-3.6477e-03	4.4093e-08	5.7974e-06	0.0000e+00
363	0.0000e+00	0.0000e+00	-3.6455e-03	5.2689e-08	5.8019e-06	0.0000e+00
364	0.0000e+00	0.0000e+00	-3.6434e-03	4.0812e-08	5.8098e-06	0.0000e+00
365	0.0000e+00	0.0000e+00	-3.6423e-03	8.5944e-09	5.8110e-06	0.0000e+00

366	0.0000e+00	0.0000e+00	-3.8540e-03	-6.8254e-08	4.1490e-06	0.0000e+00
367	0.0000e+00	0.0000e+00	-3.8572e-03	-7.3454e-08	4.1560e-06	0.0000e+00
368	0.0000e+00	0.0000e+00	-3.8604e-03	-7.0736e-08	4.1568e-06	0.0000e+00
369	0.0000e+00	0.0000e+00	-3.8632e-03	-5.6030e-08	4.1564e-06	0.0000e+00
370	0.0000e+00	0.0000e+00	-3.8652e-03	-3.2174e-08	4.1567e-06	0.0000e+00
371	0.0000e+00	0.0000e+00	-3.8660e-03	-4.4403e-09	4.1576e-06	0.0000e+00
372	0.0000e+00	0.0000e+00	-3.8656e-03	2.1636e-08	4.1588e-06	0.0000e+00
373	0.0000e+00	0.0000e+00	-3.8642e-03	4.0394e-08	4.1613e-06	0.0000e+00
374	0.0000e+00	0.0000e+00	-3.8622e-03	4.6232e-08	4.1655e-06	0.0000e+00
375	0.0000e+00	0.0000e+00	-3.8604e-03	3.5910e-08	4.1700e-06	0.0000e+00
376	0.0000e+00	0.0000e+00	-3.8593e-03	1.3412e-08	4.1699e-06	0.0000e+00
377	0.0000e+00	0.0000e+00	-4.0040e-03	-7.7333e-08	2.7654e-06	0.0000e+00
378	0.0000e+00	0.0000e+00	-4.0074e-03	-7.7704e-08	2.7725e-06	0.0000e+00
379	0.0000e+00	0.0000e+00	-4.0107e-03	-7.2457e-08	2.7776e-06	0.0000e+00
380	0.0000e+00	0.0000e+00	-4.0136e-03	-5.7235e-08	2.7815e-06	0.0000e+00
381	0.0000e+00	0.0000e+00	-4.0156e-03	-3.3317e-08	2.7843e-06	0.0000e+00
382	0.0000e+00	0.0000e+00	-4.0165e-03	-5.3693e-09	2.7858e-06	0.0000e+00
383	0.0000e+00	0.0000e+00	-4.0161e-03	2.0676e-08	2.7861e-06	0.0000e+00
384	0.0000e+00	0.0000e+00	-4.0148e-03	3.8783e-08	2.7856e-06	0.0000e+00
385	0.0000e+00	0.0000e+00	-4.0129e-03	4.4041e-08	2.7847e-06	0.0000e+00
386	0.0000e+00	0.0000e+00	-4.0111e-03	3.4992e-08	2.7837e-06	0.0000e+00
387	0.0000e+00	0.0000e+00	-4.0100e-03	1.6315e-08	2.7819e-06	0.0000e+00
388	0.0000e+00	0.0000e+00	-4.0999e-03	-8.4281e-08	1.6699e-06	0.0000e+00
389	0.0000e+00	0.0000e+00	-4.1036e-03	-8.5673e-08	1.6788e-06	0.0000e+00
390	0.0000e+00	0.0000e+00	-4.1073e-03	-8.0138e-08	1.6902e-06	0.0000e+00
391	0.0000e+00	0.0000e+00	-4.1105e-03	-6.3300e-08	1.7008e-06	0.0000e+00
392	0.0000e+00	0.0000e+00	-4.1127e-03	-3.6938e-08	1.7081e-06	0.0000e+00
393	0.0000e+00	0.0000e+00	-4.1137e-03	-6.2538e-09	1.7112e-06	0.0000e+00
394	0.0000e+00	0.0000e+00	-4.1133e-03	2.2354e-08	1.7100e-06	0.0000e+00
395	0.0000e+00	0.0000e+00	-4.1119e-03	4.2399e-08	1.7048e-06	0.0000e+00
396	0.0000e+00	0.0000e+00	-4.1098e-03	4.8486e-08	1.6970e-06	0.0000e+00
397	0.0000e+00	0.0000e+00	-4.1078e-03	3.8760e-08	1.6891e-06	0.0000e+00
398	0.0000e+00	0.0000e+00	-4.1065e-03	1.8094e-08	1.6848e-06	0.0000e+00
399	0.0000e+00	0.0000e+00	-4.1538e-03	-9.0162e-08	8.2986e-07	0.0000e+00
400	0.0000e+00	0.0000e+00	-4.1579e-03	-9.9192e-08	8.4187e-07	0.0000e+00
401	0.0000e+00	0.0000e+00	-4.1623e-03	-9.5505e-08	8.6137e-07	0.0000e+00
402	0.0000e+00	0.0000e+00	-4.1661e-03	-7.5478e-08	8.7930e-07	0.0000e+00
403	0.0000e+00	0.0000e+00	-4.1688e-03	-4.3749e-08	8.9114e-07	0.0000e+00
404	0.0000e+00	0.0000e+00	-4.1699e-03	-7.2215e-09	8.9579e-07	0.0000e+00
405	0.0000e+00	0.0000e+00	-4.1694e-03	2.7118e-08	8.9322e-07	0.0000e+00
406	0.0000e+00	0.0000e+00	-4.1676e-03	5.2202e-08	8.8362e-07	0.0000e+00
407	0.0000e+00	0.0000e+00	-4.1651e-03	6.0945e-08	8.6826e-07	0.0000e+00
408	0.0000e+00	0.0000e+00	-4.1626e-03	4.8609e-08	8.5183e-07	0.0000e+00
409	0.0000e+00	0.0000e+00	-4.1611e-03	1.9284e-08	8.4374e-07	0.0000e+00
410	0.0000e+00	0.0000e+00	-4.1752e-03	-9.4923e-08	1.6975e-07	0.0000e+00
411	0.0000e+00	0.0000e+00	-4.1800e-03	-1.2057e-07	1.8662e-07	0.0000e+00
412	0.0000e+00	0.0000e+00	-4.1854e-03	-1.1888e-07	2.1517e-07	0.0000e+00
413	0.0000e+00	0.0000e+00	-4.1901e-03	-9.2643e-08	2.3793e-07	0.0000e+00
414	0.0000e+00	0.0000e+00	-4.1933e-03	-5.2823e-08	2.5173e-07	0.0000e+00
415	0.0000e+00	0.0000e+00	-4.1946e-03	-8.2700e-09	2.5692e-07	0.0000e+00
416	0.0000e+00	0.0000e+00	-4.1941e-03	3.4039e-08	2.5385e-07	0.0000e+00
417	0.0000e+00	0.0000e+00	-4.1918e-03	6.7054e-08	2.4221e-07	0.0000e+00
418	0.0000e+00	0.0000e+00	-4.1885e-03	8.1761e-08	2.2172e-07	0.0000e+00
419	0.0000e+00	0.0000e+00	-4.1851e-03	6.7005e-08	1.9550e-07	0.0000e+00
420	0.0000e+00	0.0000e+00	-4.1831e-03	2.0158e-08	1.8133e-07	0.0000e+00
421	0.0000e+00	0.0000e+00	-4.1701e-03	-9.7843e-08	-4.0064e-07	0.0000e+00
422	0.0000e+00	0.0000e+00	-4.1757e-03	-1.5284e-07	-3.7770e-07	0.0000e+00
423	0.0000e+00	0.0000e+00	-4.1824e-03	-1.4574e-07	-3.4732e-07	0.0000e+00
424	0.0000e+00	0.0000e+00	-4.1880e-03	-1.0967e-07	-3.2899e-07	0.0000e+00
425	0.0000e+00	0.0000e+00	-4.1918e-03	-6.1321e-08	-3.1879e-07	0.0000e+00
426	0.0000e+00	0.0000e+00	-4.1933e-03	-9.2416e-09	-3.1500e-07	0.0000e+00
427	0.0000e+00	0.0000e+00	-4.1926e-03	4.0595e-08	-3.1713e-07	0.0000e+00
428	0.0000e+00	0.0000e+00	-4.1899e-03	8.2138e-08	-3.2574e-07	0.0000e+00
429	0.0000e+00	0.0000e+00	-4.1857e-03	1.0670e-07	-3.4260e-07	0.0000e+00
430	0.0000e+00	0.0000e+00	-4.1811e-03	9.7611e-08	-3.7166e-07	0.0000e+00
431	0.0000e+00	0.0000e+00	-4.1784e-03	2.0886e-08	-3.9475e-07	0.0000e+00
432	0.0000e+00	0.0000e+00	-4.1472e-03	-1.7145e-07	-9.4053e-07	0.0000e+00
433	0.0000e+00	0.0000e+00	-4.1545e-03	-1.5823e-07	-9.4306e-07	0.0000e+00
434	0.0000e+00	0.0000e+00	-4.1606e-03	-1.1741e-07	-9.4308e-07	0.0000e+00
435	0.0000e+00	0.0000e+00	-4.1646e-03	-6.5324e-08	-9.4227e-07	0.0000e+00
436	0.0000e+00	0.0000e+00	-4.1663e-03	-9.8071e-09	-9.4173e-07	0.0000e+00
437	0.0000e+00	0.0000e+00	-4.1655e-03	4.3547e-08	-9.4191e-07	0.0000e+00

438	0.0000e+00	0.0000e+00	-4.1626e-03	8.9049e-08	-9.4262e-07	0.0000e+00
439	0.0000e+00	0.0000e+00	-4.1580e-03	1.1864e-07	-9.4296e-07	0.0000e+00
440	0.0000e+00	0.0000e+00	-4.1528e-03	1.1596e-07	-9.4130e-07	0.0000e+00
441	0.0000e+00	0.0000e+00	-2.9870e-03	1.0019e-08	9.0838e-06	0.0000e+00
442	0.0000e+00	0.0000e+00	-2.9881e-03	-5.4032e-08	9.0884e-06	0.0000e+00
443	0.0000e+00	0.0000e+00	-2.5710e-03	4.4020e-08	9.9374e-06	0.0000e+00
444	0.0000e+00	0.0000e+00	-2.9899e-03	-3.6549e-08	9.1259e-06	0.0000e+00
445	0.0000e+00	0.0000e+00	-2.5686e-03	4.8501e-08	1.0097e-05	0.0000e+00
446	0.0000e+00	0.0000e+00	-2.9910e-03	-1.9356e-08	9.1717e-06	0.0000e+00
447	0.0000e+00	0.0000e+00	-2.5664e-03	3.8057e-08	1.0201e-05	0.0000e+00
448	0.0000e+00	0.0000e+00	-2.9916e-03	-8.6266e-09	9.2024e-06	0.0000e+00
449	0.0000e+00	0.0000e+00	-2.5650e-03	1.8336e-08	1.0258e-05	0.0000e+00
450	0.0000e+00	0.0000e+00	-2.9918e-03	-1.4413e-09	9.2109e-06	0.0000e+00
451	0.0000e+00	0.0000e+00	-2.5647e-03	-5.6999e-09	1.0274e-05	0.0000e+00
452	0.0000e+00	0.0000e+00	-2.9917e-03	6.3204e-09	9.1953e-06	0.0000e+00
453	0.0000e+00	0.0000e+00	-2.5655e-03	-2.9593e-08	1.0248e-05	0.0000e+00
454	0.0000e+00	0.0000e+00	-2.9912e-03	1.8758e-08	9.1567e-06	0.0000e+00
455	0.0000e+00	0.0000e+00	-2.5674e-03	-4.8964e-08	1.0179e-05	0.0000e+00
456	0.0000e+00	0.0000e+00	-2.9901e-03	3.8758e-08	9.1012e-06	0.0000e+00
457	0.0000e+00	0.0000e+00	-2.5700e-03	-5.9093e-08	1.0062e-05	0.0000e+00
458	0.0000e+00	0.0000e+00	-2.9881e-03	6.0285e-08	9.0507e-06	0.0000e+00
459	0.0000e+00	0.0000e+00	-2.5729e-03	-5.4817e-08	9.8867e-06	0.0000e+00
460	0.0000e+00	0.0000e+00	-2.9865e-03	5.0074e-09	9.0255e-06	0.0000e+00
461	0.0000e+00	0.0000e+00	-3.3509e-03	-1.0212e-09	7.5557e-06	0.0000e+00
462	0.0000e+00	0.0000e+00	-3.3521e-03	-4.8843e-08	7.5538e-06	0.0000e+00
463	0.0000e+00	0.0000e+00	-3.3545e-03	-5.6752e-08	7.5499e-06	0.0000e+00
464	0.0000e+00	0.0000e+00	-3.3566e-03	-4.2221e-08	7.5578e-06	0.0000e+00
465	0.0000e+00	0.0000e+00	-3.3580e-03	-2.1220e-08	7.5668e-06	0.0000e+00
466	0.0000e+00	0.0000e+00	-3.3584e-03	1.3632e-09	7.5691e-06	0.0000e+00
467	0.0000e+00	0.0000e+00	-3.3578e-03	2.4914e-08	7.5621e-06	0.0000e+00
468	0.0000e+00	0.0000e+00	-3.3563e-03	4.8881e-08	7.5477e-06	0.0000e+00
469	0.0000e+00	0.0000e+00	-3.3537e-03	6.8653e-08	7.5325e-06	0.0000e+00
470	0.0000e+00	0.0000e+00	-3.3506e-03	6.9203e-08	7.5261e-06	0.0000e+00
471	0.0000e+00	0.0000e+00	-3.3483e-03	3.4782e-08	7.5141e-06	0.0000e+00
472	0.0000e+00	0.0000e+00	-3.6423e-03	-8.6113e-09	5.8111e-06	0.0000e+00
473	0.0000e+00	0.0000e+00	-3.6434e-03	-4.0852e-08	5.8099e-06	0.0000e+00
474	0.0000e+00	0.0000e+00	-3.6455e-03	-5.2746e-08	5.8020e-06	0.0000e+00
475	0.0000e+00	0.0000e+00	-3.6477e-03	-4.4157e-08	5.7974e-06	0.0000e+00
476	0.0000e+00	0.0000e+00	-3.6492e-03	-2.3301e-08	5.7963e-06	0.0000e+00
477	0.0000e+00	0.0000e+00	-3.6496e-03	3.1805e-09	5.7955e-06	0.0000e+00
478	0.0000e+00	0.0000e+00	-3.6489e-03	3.1008e-08	5.7933e-06	0.0000e+00
479	0.0000e+00	0.0000e+00	-3.6470e-03	5.6021e-08	5.7906e-06	0.0000e+00
480	0.0000e+00	0.0000e+00	-3.6441e-03	7.1975e-08	5.7899e-06	0.0000e+00
481	0.0000e+00	0.0000e+00	-3.6409e-03	7.1343e-08	5.7905e-06	0.0000e+00
482	0.0000e+00	0.0000e+00	-3.6381e-03	5.5026e-08	5.7819e-06	0.0000e+00
483	0.0000e+00	0.0000e+00	-3.8592e-03	-1.3426e-08	4.1700e-06	0.0000e+00
484	0.0000e+00	0.0000e+00	-3.8603e-03	-3.5940e-08	4.1701e-06	0.0000e+00
485	0.0000e+00	0.0000e+00	-3.8622e-03	-4.6275e-08	4.1656e-06	0.0000e+00
486	0.0000e+00	0.0000e+00	-3.8642e-03	-4.0443e-08	4.1613e-06	0.0000e+00
487	0.0000e+00	0.0000e+00	-3.8656e-03	-2.1683e-08	4.1589e-06	0.0000e+00
488	0.0000e+00	0.0000e+00	-3.8660e-03	4.3996e-09	4.1576e-06	0.0000e+00
489	0.0000e+00	0.0000e+00	-3.8652e-03	3.2147e-08	4.1567e-06	0.0000e+00
490	0.0000e+00	0.0000e+00	-3.8632e-03	5.6023e-08	4.1564e-06	0.0000e+00
491	0.0000e+00	0.0000e+00	-3.8604e-03	7.0755e-08	4.1568e-06	0.0000e+00
492	0.0000e+00	0.0000e+00	-3.8572e-03	7.3504e-08	4.1561e-06	0.0000e+00
493	0.0000e+00	0.0000e+00	-3.8540e-03	6.8337e-08	4.1491e-06	0.0000e+00
494	0.0000e+00	0.0000e+00	-4.0100e-03	-1.6327e-08	2.7820e-06	0.0000e+00
495	0.0000e+00	0.0000e+00	-4.0111e-03	-3.5015e-08	2.7837e-06	0.0000e+00
496	0.0000e+00	0.0000e+00	-4.0129e-03	-4.4072e-08	2.7848e-06	0.0000e+00
497	0.0000e+00	0.0000e+00	-4.0148e-03	-3.8818e-08	2.7856e-06	0.0000e+00
498	0.0000e+00	0.0000e+00	-4.0161e-03	-2.0711e-08	2.7862e-06	0.0000e+00
499	0.0000e+00	0.0000e+00	-4.0165e-03	5.3391e-09	2.7859e-06	0.0000e+00
500	0.0000e+00	0.0000e+00	-4.0156e-03	3.3297e-08	2.7843e-06	0.0000e+00
501	0.0000e+00	0.0000e+00	-4.0136e-03	5.7230e-08	2.7815e-06	0.0000e+00
502	0.0000e+00	0.0000e+00	-4.0107e-03	7.2471e-08	2.7776e-06	0.0000e+00
503	0.0000e+00	0.0000e+00	-4.0074e-03	7.7740e-08	2.7725e-06	0.0000e+00
504	0.0000e+00	0.0000e+00	-4.0040e-03	7.7392e-08	2.7654e-06	0.0000e+00
505	0.0000e+00	0.0000e+00	-4.1065e-03	-1.8104e-08	1.6848e-06	0.0000e+00
506	0.0000e+00	0.0000e+00	-4.1078e-03	-3.8777e-08	1.6891e-06	0.0000e+00
507	0.0000e+00	0.0000e+00	-4.1098e-03	-4.8509e-08	1.6970e-06	0.0000e+00
508	0.0000e+00	0.0000e+00	-4.1119e-03	-4.2425e-08	1.7049e-06	0.0000e+00
509	0.0000e+00	0.0000e+00	-4.1133e-03	-2.2380e-08	1.7100e-06	0.0000e+00

510	0.0000e+00	0.0000e+00	-4.1137e-03	6.2316e-09	1.7112e-06	0.0000e+00
511	0.0000e+00	0.0000e+00	-4.1127e-03	3.6923e-08	1.7081e-06	0.0000e+00
512	0.0000e+00	0.0000e+00	-4.1105e-03	6.3296e-08	1.7008e-06	0.0000e+00
513	0.0000e+00	0.0000e+00	-4.1073e-03	8.0147e-08	1.6902e-06	0.0000e+00
514	0.0000e+00	0.0000e+00	-4.1036e-03	8.5698e-08	1.6788e-06	0.0000e+00
515	0.0000e+00	0.0000e+00	-4.0999e-03	8.4322e-08	1.6700e-06	0.0000e+00
516	0.0000e+00	0.0000e+00	-4.1611e-03	-1.9291e-08	8.4377e-07	0.0000e+00
517	0.0000e+00	0.0000e+00	-4.1626e-03	-4.8622e-08	8.5185e-07	0.0000e+00
518	0.0000e+00	0.0000e+00	-4.1651e-03	-6.0961e-08	8.6828e-07	0.0000e+00
519	0.0000e+00	0.0000e+00	-4.1676e-03	-5.2221e-08	8.8363e-07	0.0000e+00
520	0.0000e+00	0.0000e+00	-4.1694e-03	-2.7137e-08	8.9322e-07	0.0000e+00
521	0.0000e+00	0.0000e+00	-4.1699e-03	7.2052e-09	8.9579e-07	0.0000e+00
522	0.0000e+00	0.0000e+00	-4.1688e-03	4.3738e-08	8.9114e-07	0.0000e+00
523	0.0000e+00	0.0000e+00	-4.1661e-03	7.5475e-08	8.7929e-07	0.0000e+00
524	0.0000e+00	0.0000e+00	-4.1623e-03	9.5512e-08	8.6136e-07	0.0000e+00
525	0.0000e+00	0.0000e+00	-4.1579e-03	9.9210e-08	8.4187e-07	0.0000e+00
526	0.0000e+00	0.0000e+00	-4.1538e-03	9.0190e-08	8.2986e-07	0.0000e+00
527	0.0000e+00	0.0000e+00	-4.1831e-03	-2.0163e-08	1.8134e-07	0.0000e+00
528	0.0000e+00	0.0000e+00	-4.1851e-03	-6.7014e-08	1.9551e-07	0.0000e+00
529	0.0000e+00	0.0000e+00	-4.1885e-03	-8.1774e-08	2.2172e-07	0.0000e+00
530	0.0000e+00	0.0000e+00	-4.1918e-03	-6.7068e-08	2.4221e-07	0.0000e+00
531	0.0000e+00	0.0000e+00	-4.1941e-03	-3.4053e-08	2.5385e-07	0.0000e+00
532	0.0000e+00	0.0000e+00	-4.1946e-03	8.2577e-09	2.5691e-07	0.0000e+00
533	0.0000e+00	0.0000e+00	-4.1933e-03	5.2815e-08	2.5173e-07	0.0000e+00
534	0.0000e+00	0.0000e+00	-4.1901e-03	9.2640e-08	2.3792e-07	0.0000e+00
535	0.0000e+00	0.0000e+00	-4.1854e-03	1.1888e-07	2.1516e-07	0.0000e+00
536	0.0000e+00	0.0000e+00	-4.1800e-03	1.2059e-07	1.8661e-07	0.0000e+00
537	0.0000e+00	0.0000e+00	-4.1752e-03	9.4944e-08	1.6974e-07	0.0000e+00
538	0.0000e+00	0.0000e+00	-4.1784e-03	-2.0888e-08	-3.9475e-07	0.0000e+00
539	0.0000e+00	0.0000e+00	-4.1811e-03	-9.7618e-08	-3.7166e-07	0.0000e+00
540	0.0000e+00	0.0000e+00	-4.1857e-03	-1.0671e-07	-3.4260e-07	0.0000e+00
541	0.0000e+00	0.0000e+00	-4.1899e-03	-8.2149e-08	-3.2575e-07	0.0000e+00
542	0.0000e+00	0.0000e+00	-4.1926e-03	-4.0606e-08	-3.1714e-07	0.0000e+00
543	0.0000e+00	0.0000e+00	-4.1933e-03	9.2321e-09	-3.1501e-07	0.0000e+00
544	0.0000e+00	0.0000e+00	-4.1918e-03	6.1314e-08	-3.1880e-07	0.0000e+00
545	0.0000e+00	0.0000e+00	-4.1880e-03	1.0966e-07	-3.2900e-07	0.0000e+00
546	0.0000e+00	0.0000e+00	-4.1824e-03	1.4574e-07	-3.4733e-07	0.0000e+00
547	0.0000e+00	0.0000e+00	-4.1757e-03	1.5285e-07	-3.7771e-07	0.0000e+00
548	0.0000e+00	0.0000e+00	-4.1701e-03	9.7860e-08	-4.0064e-07	0.0000e+00
549	0.0000e+00	0.0000e+00	-4.1528e-03	-1.1597e-07	-9.4130e-07	0.0000e+00
550	0.0000e+00	0.0000e+00	-4.1580e-03	-1.1865e-07	-9.4297e-07	0.0000e+00
551	0.0000e+00	0.0000e+00	-4.1626e-03	-8.9057e-08	-9.4263e-07	0.0000e+00
552	0.0000e+00	0.0000e+00	-4.1655e-03	-4.3556e-08	-9.4191e-07	0.0000e+00
553	0.0000e+00	0.0000e+00	-4.1663e-03	9.7996e-09	-9.4174e-07	0.0000e+00
554	0.0000e+00	0.0000e+00	-4.1646e-03	6.5318e-08	-9.4228e-07	0.0000e+00
555	0.0000e+00	0.0000e+00	-4.1606e-03	1.1741e-07	-9.4309e-07	0.0000e+00
556	0.0000e+00	0.0000e+00	-4.1545e-03	1.5824e-07	-9.4307e-07	0.0000e+00
557	0.0000e+00	0.0000e+00	-4.1472e-03	1.7146e-07	-9.4054e-07	0.0000e+00
558	0.0000e+00	0.0000e+00	-2.9957e-03	-9.6127e-08	8.9486e-06	0.0000e+00
559	0.0000e+00	0.0000e+00	-3.0019e-03	-1.7948e-07	8.9463e-06	0.0000e+00
560	0.0000e+00	0.0000e+00	-2.5912e-03	-9.5272e-08	9.7840e-06	0.0000e+00
561	0.0000e+00	0.0000e+00	-3.0099e-03	-1.9205e-07	8.9667e-06	0.0000e+00
562	0.0000e+00	0.0000e+00	-2.5957e-03	-1.2560e-07	9.9286e-06	0.0000e+00
563	0.0000e+00	0.0000e+00	-3.0186e-03	-2.0822e-07	8.9907e-06	0.0000e+00
564	0.0000e+00	0.0000e+00	-2.6020e-03	-1.7075e-07	1.0015e-05	0.0000e+00
565	0.0000e+00	0.0000e+00	-3.0281e-03	-2.2996e-07	8.9979e-06	0.0000e+00
566	0.0000e+00	0.0000e+00	-2.6106e-03	-2.2142e-07	1.0053e-05	0.0000e+00
567	0.0000e+00	0.0000e+00	-3.0387e-03	-2.4875e-07	8.9840e-06	0.0000e+00
568	0.0000e+00	0.0000e+00	-2.6215e-03	-2.6719e-07	1.0048e-05	0.0000e+00
569	0.0000e+00	0.0000e+00	-3.0497e-03	-2.5281e-07	8.9496e-06	0.0000e+00
570	0.0000e+00	0.0000e+00	-2.6343e-03	-2.9623e-07	1.0005e-05	0.0000e+00
571	0.0000e+00	0.0000e+00	-3.0604e-03	-2.2787e-07	8.8981e-06	0.0000e+00
572	0.0000e+00	0.0000e+00	-2.6480e-03	-2.9482e-07	9.9203e-06	0.0000e+00
573	0.0000e+00	0.0000e+00	-3.0691e-03	-1.5805e-07	8.8366e-06	0.0000e+00
574	0.0000e+00	0.0000e+00	-2.6609e-03	-2.4717e-07	9.7884e-06	0.0000e+00
575	0.0000e+00	0.0000e+00	-3.0736e-03	-3.3263e-08	8.7855e-06	0.0000e+00
576	0.0000e+00	0.0000e+00	-2.6707e-03	-1.3586e-07	9.5964e-06	0.0000e+00
577	0.0000e+00	0.0000e+00	-3.0725e-03	9.0431e-08	8.7586e-06	0.0000e+00
578	0.0000e+00	0.0000e+00	-3.3543e-03	-1.0105e-07	7.4446e-06	0.0000e+00
579	0.0000e+00	0.0000e+00	-3.3601e-03	-1.6146e-07	7.4321e-06	0.0000e+00
580	0.0000e+00	0.0000e+00	-3.3679e-03	-1.9295e-07	7.4122e-06	0.0000e+00
581	0.0000e+00	0.0000e+00	-3.3767e-03	-2.0872e-07	7.4003e-06	0.0000e+00

582	0.0000e+00	0.0000e+00	-3.3861e-03	-2.2007e-07	7.3883e-06	0.0000e+00
583	0.0000e+00	0.0000e+00	-3.3960e-03	-2.2624e-07	7.3719e-06	0.0000e+00
584	0.0000e+00	0.0000e+00	-3.4059e-03	-2.2004e-07	7.3514e-06	0.0000e+00
585	0.0000e+00	0.0000e+00	-3.4151e-03	-1.9123e-07	7.3316e-06	0.0000e+00
586	0.0000e+00	0.0000e+00	-3.4223e-03	-1.2982e-07	7.3209e-06	0.0000e+00
587	0.0000e+00	0.0000e+00	-3.4260e-03	-3.1555e-08	7.3288e-06	0.0000e+00
588	0.0000e+00	0.0000e+00	-3.4245e-03	1.1181e-07	7.3379e-06	0.0000e+00
589	0.0000e+00	0.0000e+00	-3.6413e-03	-9.9725e-08	5.7245e-06	0.0000e+00
590	0.0000e+00	0.0000e+00	-3.6466e-03	-1.4067e-07	5.7129e-06	0.0000e+00
591	0.0000e+00	0.0000e+00	-3.6535e-03	-1.7234e-07	5.6913e-06	0.0000e+00
592	0.0000e+00	0.0000e+00	-3.6616e-03	-1.9219e-07	5.6708e-06	0.0000e+00
593	0.0000e+00	0.0000e+00	-3.6703e-03	-2.0468e-07	5.6538e-06	0.0000e+00
594	0.0000e+00	0.0000e+00	-3.6795e-03	-2.1110e-07	5.6400e-06	0.0000e+00
595	0.0000e+00	0.0000e+00	-3.6888e-03	-2.0788e-07	5.6308e-06	0.0000e+00
596	0.0000e+00	0.0000e+00	-3.6976e-03	-1.8783e-07	5.6301e-06	0.0000e+00
597	0.0000e+00	0.0000e+00	-3.7049e-03	-1.4128e-07	5.6425e-06	0.0000e+00
598	0.0000e+00	0.0000e+00	-3.7094e-03	-5.4295e-08	5.6676e-06	0.0000e+00
599	0.0000e+00	0.0000e+00	-3.7086e-03	1.0124e-07	5.6930e-06	0.0000e+00
600	0.0000e+00	0.0000e+00	-3.8550e-03	-9.5918e-08	4.1051e-06	0.0000e+00
601	0.0000e+00	0.0000e+00	-3.8599e-03	-1.2485e-07	4.0967e-06	0.0000e+00
602	0.0000e+00	0.0000e+00	-3.8660e-03	-1.5281e-07	4.0817e-06	0.0000e+00
603	0.0000e+00	0.0000e+00	-3.8732e-03	-1.7476e-07	4.0658e-06	0.0000e+00
604	0.0000e+00	0.0000e+00	-3.8813e-03	-1.9107e-07	4.0526e-06	0.0000e+00
605	0.0000e+00	0.0000e+00	-3.8900e-03	-2.0244e-07	4.0438e-06	0.0000e+00
606	0.0000e+00	0.0000e+00	-3.8990e-03	-2.0677e-07	4.0414e-06	0.0000e+00
607	0.0000e+00	0.0000e+00	-3.9080e-03	-1.9789e-07	4.0482e-06	0.0000e+00
608	0.0000e+00	0.0000e+00	-3.9160e-03	-1.6404e-07	4.0664e-06	0.0000e+00
609	0.0000e+00	0.0000e+00	-3.9217e-03	-8.4645e-08	4.0949e-06	0.0000e+00
610	0.0000e+00	0.0000e+00	-3.9222e-03	7.4806e-08	4.1267e-06	0.0000e+00
611	0.0000e+00	0.0000e+00	-4.0033e-03	-9.2262e-08	2.7343e-06	0.0000e+00
612	0.0000e+00	0.0000e+00	-4.0079e-03	-1.1582e-07	2.7303e-06	0.0000e+00
613	0.0000e+00	0.0000e+00	-4.0136e-03	-1.4134e-07	2.7242e-06	0.0000e+00
614	0.0000e+00	0.0000e+00	-4.0203e-03	-1.6394e-07	2.7174e-06	0.0000e+00
615	0.0000e+00	0.0000e+00	-4.0280e-03	-1.8291e-07	2.7114e-06	0.0000e+00
616	0.0000e+00	0.0000e+00	-4.0364e-03	-1.9869e-07	2.7077e-06	0.0000e+00
617	0.0000e+00	0.0000e+00	-4.0454e-03	-2.0969e-07	2.7078e-06	0.0000e+00
618	0.0000e+00	0.0000e+00	-4.0546e-03	-2.0989e-07	2.7142e-06	0.0000e+00
619	0.0000e+00	0.0000e+00	-4.0634e-03	-1.8615e-07	2.7288e-06	0.0000e+00
620	0.0000e+00	0.0000e+00	-4.0702e-03	-1.1466e-07	2.7524e-06	0.0000e+00
621	0.0000e+00	0.0000e+00	-4.0721e-03	4.2211e-08	2.7830e-06	0.0000e+00
622	0.0000e+00	0.0000e+00	-4.0981e-03	-9.0348e-08	1.6502e-06	0.0000e+00
623	0.0000e+00	0.0000e+00	-4.1026e-03	-1.1449e-07	1.6515e-06	0.0000e+00
624	0.0000e+00	0.0000e+00	-4.1082e-03	-1.3990e-07	1.6552e-06	0.0000e+00
625	0.0000e+00	0.0000e+00	-4.1149e-03	-1.6201e-07	1.6587e-06	0.0000e+00
626	0.0000e+00	0.0000e+00	-4.1225e-03	-1.8088e-07	1.6604e-06	0.0000e+00
627	0.0000e+00	0.0000e+00	-4.1308e-03	-1.9770e-07	1.6604e-06	0.0000e+00
628	0.0000e+00	0.0000e+00	-4.1398e-03	-2.1152e-07	1.6601e-06	0.0000e+00
629	0.0000e+00	0.0000e+00	-4.1493e-03	-2.1672e-07	1.6611e-06	0.0000e+00
630	0.0000e+00	0.0000e+00	-4.1585e-03	-2.0027e-07	1.6661e-06	0.0000e+00
631	0.0000e+00	0.0000e+00	-4.1661e-03	-1.3769e-07	1.6786e-06	0.0000e+00
632	0.0000e+00	0.0000e+00	-4.1692e-03	1.0928e-08	1.7017e-06	0.0000e+00
633	0.0000e+00	0.0000e+00	-4.1513e-03	-9.0536e-08	8.1983e-07	0.0000e+00
634	0.0000e+00	0.0000e+00	-4.1560e-03	-1.2179e-07	8.2710e-07	0.0000e+00
635	0.0000e+00	0.0000e+00	-4.1620e-03	-1.4917e-07	8.4156e-07	0.0000e+00
636	0.0000e+00	0.0000e+00	-4.1691e-03	-1.6894e-07	8.5483e-07	0.0000e+00
637	0.0000e+00	0.0000e+00	-4.1768e-03	-1.8407e-07	8.6296e-07	0.0000e+00
638	0.0000e+00	0.0000e+00	-4.1852e-03	-1.9759e-07	8.6541e-07	0.0000e+00
639	0.0000e+00	0.0000e+00	-4.1942e-03	-2.0925e-07	8.6282e-07	0.0000e+00
640	0.0000e+00	0.0000e+00	-4.2035e-03	-2.1416e-07	8.5618e-07	0.0000e+00
641	0.0000e+00	0.0000e+00	-4.2127e-03	-2.0105e-07	8.4783e-07	0.0000e+00
642	0.0000e+00	0.0000e+00	-4.2205e-03	-1.4791e-07	8.4388e-07	0.0000e+00
643	0.0000e+00	0.0000e+00	-4.2243e-03	-1.3849e-08	8.5458e-07	0.0000e+00
644	0.0000e+00	0.0000e+00	-4.1725e-03	-9.2136e-08	1.6808e-07	0.0000e+00
645	0.0000e+00	0.0000e+00	-4.1777e-03	-1.3932e-07	1.8238e-07	0.0000e+00
646	0.0000e+00	0.0000e+00	-4.1845e-03	-1.6875e-07	2.0808e-07	0.0000e+00
647	0.0000e+00	0.0000e+00	-4.1923e-03	-1.8278e-07	2.2823e-07	0.0000e+00
648	0.0000e+00	0.0000e+00	-4.2005e-03	-1.9058e-07	2.3972e-07	0.0000e+00
649	0.0000e+00	0.0000e+00	-4.2090e-03	-1.9714e-07	2.4290e-07	0.0000e+00
650	0.0000e+00	0.0000e+00	-4.2178e-03	-2.0227e-07	2.3816e-07	0.0000e+00
651	0.0000e+00	0.0000e+00	-4.2267e-03	-2.0122e-07	2.2523e-07	0.0000e+00
652	0.0000e+00	0.0000e+00	-4.2353e-03	-1.8528e-07	2.0418e-07	0.0000e+00
653	0.0000e+00	0.0000e+00	-4.2425e-03	-1.3971e-07	1.7986e-07	0.0000e+00

654	0.0000e+00	0.0000e+00	-4.2465e-03	-2.9143e-08	1.7365e-07	0.0000e+00
655	0.0000e+00	0.0000e+00	-4.1675e-03	-9.3991e-08	-3.9509e-07	0.0000e+00
656	0.0000e+00	0.0000e+00	-4.1734e-03	-1.6984e-07	-3.7277e-07	0.0000e+00
657	0.0000e+00	0.0000e+00	-4.1815e-03	-1.9409e-07	-3.4261e-07	0.0000e+00
658	0.0000e+00	0.0000e+00	-4.1901e-03	-1.9832e-07	-3.2453e-07	0.0000e+00
659	0.0000e+00	0.0000e+00	-4.1988e-03	-1.9743e-07	-3.1499e-07	0.0000e+00
660	0.0000e+00	0.0000e+00	-4.2075e-03	-1.9607e-07	-3.1271e-07	0.0000e+00
661	0.0000e+00	0.0000e+00	-4.2161e-03	-1.9299e-07	-3.1766e-07	0.0000e+00
662	0.0000e+00	0.0000e+00	-4.2244e-03	-1.8244e-07	-3.3101e-07	0.0000e+00
663	0.0000e+00	0.0000e+00	-4.2319e-03	-1.5567e-07	-3.5524e-07	0.0000e+00
664	0.0000e+00	0.0000e+00	-4.2377e-03	-1.0644e-07	-3.9494e-07	0.0000e+00
665	0.0000e+00	0.0000e+00	-4.2410e-03	-3.4098e-08	-4.2086e-07	0.0000e+00
666	0.0000e+00	0.0000e+00	-4.1453e-03	-1.9006e-07	-9.2646e-07	0.0000e+00
667	0.0000e+00	0.0000e+00	-4.1541e-03	-2.0805e-07	-9.2540e-07	0.0000e+00
668	0.0000e+00	0.0000e+00	-4.1632e-03	-2.0698e-07	-9.2247e-07	0.0000e+00
669	0.0000e+00	0.0000e+00	-4.1722e-03	-2.0131e-07	-9.1983e-07	0.0000e+00
670	0.0000e+00	0.0000e+00	-4.1809e-03	-1.9488e-07	-9.1926e-07	0.0000e+00
671	0.0000e+00	0.0000e+00	-4.1893e-03	-1.8597e-07	-9.2196e-07	0.0000e+00
672	0.0000e+00	0.0000e+00	-4.1972e-03	-1.6839e-07	-9.2857e-07	0.0000e+00
673	0.0000e+00	0.0000e+00	-4.2039e-03	-1.3275e-07	-9.3879e-07	0.0000e+00
674	0.0000e+00	0.0000e+00	-4.2085e-03	-7.3047e-08	-9.5132e-07	0.0000e+00
675	0.0000e+00	0.0000e+00	-3.0656e-03	2.6836e-07	8.7150e-06	0.0000e+00
676	0.0000e+00	0.0000e+00	-2.6681e-03	3.0089e-07	9.4249e-06	0.0000e+00
677	0.0000e+00	0.0000e+00	-3.0480e-03	6.2246e-07	8.6808e-06	0.0000e+00
678	0.0000e+00	0.0000e+00	-2.6509e-03	6.1946e-07	9.4352e-06	0.0000e+00
679	0.0000e+00	0.0000e+00	-3.0140e-03	1.0886e-06	8.6306e-06	0.0000e+00
680	0.0000e+00	0.0000e+00	-2.6196e-03	1.0124e-06	9.3577e-06	0.0000e+00
681	0.0000e+00	0.0000e+00	-2.9593e-03	1.6619e-06	8.5205e-06	0.0000e+00
682	0.0000e+00	0.0000e+00	-2.5711e-03	1.4816e-06	9.1807e-06	0.0000e+00
683	0.0000e+00	0.0000e+00	-2.8796e-03	2.3400e-06	8.3143e-06	0.0000e+00
684	0.0000e+00	0.0000e+00	-2.5022e-03	2.0196e-06	8.8873e-06	0.0000e+00
685	0.0000e+00	0.0000e+00	-2.7710e-03	3.1085e-06	7.9729e-06	0.0000e+00
686	0.0000e+00	0.0000e+00	-2.4103e-03	2.6079e-06	8.4568e-06	0.0000e+00
687	0.0000e+00	0.0000e+00	-2.6304e-03	3.9357e-06	7.4551e-06	0.0000e+00
688	0.0000e+00	0.0000e+00	-2.2939e-03	3.2151e-06	7.8686e-06	0.0000e+00
689	0.0000e+00	0.0000e+00	-2.4566e-03	4.7638e-06	6.7260e-06	0.0000e+00
690	0.0000e+00	0.0000e+00	-2.1528e-03	3.7975e-06	7.1094e-06	0.0000e+00
691	0.0000e+00	0.0000e+00	-2.2515e-03	5.4835e-06	5.7964e-06	0.0000e+00
692	0.0000e+00	0.0000e+00	-1.9889e-03	4.3036e-06	6.1868e-06	0.0000e+00
693	0.0000e+00	0.0000e+00	-2.0241e-03	5.8383e-06	4.7114e-06	0.0000e+00
694	0.0000e+00	0.0000e+00	-3.4164e-03	3.1277e-07	7.3256e-06	0.0000e+00
695	0.0000e+00	0.0000e+00	-3.3975e-03	6.6023e-07	7.3030e-06	0.0000e+00
696	0.0000e+00	0.0000e+00	-3.3615e-03	1.1584e-06	7.2682e-06	0.0000e+00
697	0.0000e+00	0.0000e+00	-3.3027e-03	1.8050e-06	7.1915e-06	0.0000e+00
698	0.0000e+00	0.0000e+00	-3.2151e-03	2.5988e-06	7.0368e-06	0.0000e+00
699	0.0000e+00	0.0000e+00	-3.0931e-03	3.5281e-06	6.7655e-06	0.0000e+00
700	0.0000e+00	0.0000e+00	-2.9319e-03	4.5566e-06	6.3417e-06	0.0000e+00
701	0.0000e+00	0.0000e+00	-2.7290e-03	5.6009e-06	5.7444e-06	0.0000e+00
702	0.0000e+00	0.0000e+00	-2.4870e-03	6.4820e-06	4.9988e-06	0.0000e+00
703	0.0000e+00	0.0000e+00	-2.2195e-03	6.8116e-06	4.1478e-06	0.0000e+00
704	0.0000e+00	0.0000e+00	-3.7006e-03	3.1822e-07	5.7058e-06	0.0000e+00
705	0.0000e+00	0.0000e+00	-3.6812e-03	6.7662e-07	5.7078e-06	0.0000e+00
706	0.0000e+00	0.0000e+00	-3.6441e-03	1.2011e-06	5.6938e-06	0.0000e+00
707	0.0000e+00	0.0000e+00	-3.5826e-03	1.9049e-06	5.6459e-06	0.0000e+00
708	0.0000e+00	0.0000e+00	-3.4892e-03	2.7924e-06	5.5382e-06	0.0000e+00
709	0.0000e+00	0.0000e+00	-3.3569e-03	3.8512e-06	5.3427e-06	0.0000e+00
710	0.0000e+00	0.0000e+00	-3.1797e-03	5.0347e-06	5.0370e-06	0.0000e+00
711	0.0000e+00	0.0000e+00	-2.9546e-03	6.2327e-06	4.6137e-06	0.0000e+00
712	0.0000e+00	0.0000e+00	-2.6851e-03	7.2215e-06	4.0931e-06	0.0000e+00
713	0.0000e+00	0.0000e+00	-2.3871e-03	7.5837e-06	3.4888e-06	0.0000e+00
714	0.0000e+00	0.0000e+00	-3.9150e-03	3.0009e-07	4.1529e-06	0.0000e+00
715	0.0000e+00	0.0000e+00	-3.8961e-03	6.7065e-07	4.1725e-06	0.0000e+00
716	0.0000e+00	0.0000e+00	-3.8588e-03	1.2185e-06	4.1784e-06	0.0000e+00
717	0.0000e+00	0.0000e+00	-3.7958e-03	1.9659e-06	4.1583e-06	0.0000e+00
718	0.0000e+00	0.0000e+00	-3.6987e-03	2.9213e-06	4.0955e-06	0.0000e+00
719	0.0000e+00	0.0000e+00	-3.5595e-03	4.0699e-06	3.9738e-06	0.0000e+00
720	0.0000e+00	0.0000e+00	-3.3715e-03	5.3551e-06	3.7819e-06	0.0000e+00
721	0.0000e+00	0.0000e+00	-3.1315e-03	6.6497e-06	3.5184e-06	0.0000e+00
722	0.0000e+00	0.0000e+00	-2.8435e-03	7.7161e-06	3.1906e-06	0.0000e+00
723	0.0000e+00	0.0000e+00	-2.5243e-03	8.1570e-06	2.7940e-06	0.0000e+00
724	0.0000e+00	0.0000e+00	-4.0662e-03	2.6933e-07	2.8140e-06	0.0000e+00
725	0.0000e+00	0.0000e+00	-4.0483e-03	6.4791e-07	2.8434e-06	0.0000e+00

726	0.0000e+00	0.0000e+00	-4.0117e-03	1.2134e-06	2.8639e-06	0.0000e+00
727	0.0000e+00	0.0000e+00	-3.9482e-03	1.9917e-06	2.8661e-06	0.0000e+00
728	0.0000e+00	0.0000e+00	-3.8492e-03	2.9922e-06	2.8401e-06	0.0000e+00
729	0.0000e+00	0.0000e+00	-3.7060e-03	4.1969e-06	2.7774e-06	0.0000e+00
730	0.0000e+00	0.0000e+00	-3.5116e-03	5.5423e-06	2.6740e-06	0.0000e+00
731	0.0000e+00	0.0000e+00	-3.2629e-03	6.8947e-06	2.5301e-06	0.0000e+00
732	0.0000e+00	0.0000e+00	-2.9639e-03	8.0199e-06	2.3443e-06	0.0000e+00
733	0.0000e+00	0.0000e+00	-2.6307e-03	8.5537e-06	2.1072e-06	0.0000e+00
734	0.0000e+00	0.0000e+00	-4.1646e-03	2.3397e-07	1.7317e-06	0.0000e+00
735	0.0000e+00	0.0000e+00	-4.1481e-03	6.1554e-07	1.7649e-06	0.0000e+00
736	0.0000e+00	0.0000e+00	-4.1125e-03	1.1929e-06	1.7933e-06	0.0000e+00
737	0.0000e+00	0.0000e+00	-4.0494e-03	1.9920e-06	1.8092e-06	0.0000e+00
738	0.0000e+00	0.0000e+00	-3.9498e-03	3.0210e-06	1.8063e-06	0.0000e+00
739	0.0000e+00	0.0000e+00	-3.8048e-03	4.2586e-06	1.7811e-06	0.0000e+00
740	0.0000e+00	0.0000e+00	-3.6072e-03	5.6370e-06	1.7333e-06	0.0000e+00
741	0.0000e+00	0.0000e+00	-3.3539e-03	7.0213e-06	1.6649e-06	0.0000e+00
742	0.0000e+00	0.0000e+00	-3.0490e-03	8.1871e-06	1.5730e-06	0.0000e+00
743	0.0000e+00	0.0000e+00	-2.7075e-03	8.8015e-06	1.4517e-06	0.0000e+00
744	0.0000e+00	0.0000e+00	-4.2210e-03	1.9897e-07	8.8036e-07	0.0000e+00
745	0.0000e+00	0.0000e+00	-4.2059e-03	5.7962e-07	9.1355e-07	0.0000e+00
746	0.0000e+00	0.0000e+00	-4.1716e-03	1.1654e-06	9.4349e-07	0.0000e+00
747	0.0000e+00	0.0000e+00	-4.1093e-03	1.9796e-06	9.6313e-07	0.0000e+00
748	0.0000e+00	0.0000e+00	-4.0098e-03	3.0274e-06	9.6898e-07	0.0000e+00
749	0.0000e+00	0.0000e+00	-3.8641e-03	4.2844e-06	9.6014e-07	0.0000e+00
750	0.0000e+00	0.0000e+00	-3.6650e-03	5.6799e-06	9.3816e-07	0.0000e+00
751	0.0000e+00	0.0000e+00	-3.4097e-03	7.0782e-06	9.0730e-07	0.0000e+00
752	0.0000e+00	0.0000e+00	-3.1021e-03	8.2624e-06	8.7070e-07	0.0000e+00
753	0.0000e+00	0.0000e+00	-2.7567e-03	8.9250e-06	8.3212e-07	0.0000e+00
754	0.0000e+00	0.0000e+00	-4.2441e-03	1.6606e-07	1.9509e-07	0.0000e+00
755	0.0000e+00	0.0000e+00	-4.2304e-03	5.4520e-07	2.2586e-07	0.0000e+00
756	0.0000e+00	0.0000e+00	-4.1973e-03	1.1397e-06	2.5027e-07	0.0000e+00
757	0.0000e+00	0.0000e+00	-4.1358e-03	1.9666e-06	2.6435e-07	0.0000e+00
758	0.0000e+00	0.0000e+00	-4.0364e-03	3.0282e-06	2.6760e-07	0.0000e+00
759	0.0000e+00	0.0000e+00	-3.8904e-03	4.2981e-06	2.6058e-07	0.0000e+00
760	0.0000e+00	0.0000e+00	-3.6906e-03	5.7032e-06	2.4491e-07	0.0000e+00
761	0.0000e+00	0.0000e+00	-3.4343e-03	7.1033e-06	2.2531e-07	0.0000e+00
762	0.0000e+00	0.0000e+00	-3.1257e-03	8.2791e-06	2.1448e-07	0.0000e+00
763	0.0000e+00	0.0000e+00	-2.7797e-03	8.9395e-06	2.3827e-07	0.0000e+00
764	0.0000e+00	0.0000e+00	-4.2395e-03	1.3406e-07	-4.0201e-07	0.0000e+00
765	0.0000e+00	0.0000e+00	-4.2269e-03	5.2024e-07	-3.8258e-07	0.0000e+00
766	0.0000e+00	0.0000e+00	-4.1945e-03	1.1259e-06	-3.7475e-07	0.0000e+00
767	0.0000e+00	0.0000e+00	-4.1333e-03	1.9628e-06	-3.7446e-07	0.0000e+00
768	0.0000e+00	0.0000e+00	-4.0340e-03	3.0331e-06	-3.7946e-07	0.0000e+00
769	0.0000e+00	0.0000e+00	-3.8876e-03	4.3108e-06	-3.8846e-07	0.0000e+00
770	0.0000e+00	0.0000e+00	-3.6872e-03	5.7220e-06	-4.0074e-07	0.0000e+00
771	0.0000e+00	0.0000e+00	-3.4300e-03	7.1220e-06	-4.1501e-07	0.0000e+00
772	0.0000e+00	0.0000e+00	-3.1213e-03	8.2667e-06	-4.2321e-07	0.0000e+00
773	0.0000e+00	0.0000e+00	-2.7774e-03	8.8446e-06	-3.4886e-07	0.0000e+00
774	0.0000e+00	0.0000e+00	-4.2093e-03	1.3072e-07	-9.9051e-07	0.0000e+00
775	0.0000e+00	0.0000e+00	-4.1967e-03	5.2497e-07	-1.0152e-06	0.0000e+00
776	0.0000e+00	0.0000e+00	-4.1640e-03	1.1345e-06	-1.0370e-06	0.0000e+00
777	0.0000e+00	0.0000e+00	-4.1024e-03	1.9727e-06	-1.0545e-06	0.0000e+00
778	0.0000e+00	0.0000e+00	-4.0027e-03	3.0424e-06	-1.0660e-06	0.0000e+00
779	0.0000e+00	0.0000e+00	-3.8560e-03	4.3181e-06	-1.0700e-06	0.0000e+00
780	0.0000e+00	0.0000e+00	-3.6554e-03	5.7262e-06	-1.0647e-06	0.0000e+00
781	0.0000e+00	0.0000e+00	-3.3983e-03	7.1201e-06	-1.0478e-06	0.0000e+00
782	0.0000e+00	0.0000e+00	-3.0899e-03	8.2477e-06	-1.0104e-06	0.0000e+00
783	0.0000e+00	0.0000e+00	-2.9890e-03	-7.3903e-08	9.0629e-06	0.0000e+00
784	0.0000e+00	0.0000e+00	-2.5731e-03	-3.8803e-09	9.9056e-06	0.0000e+00
785	0.0000e+00	0.0000e+00	-2.9916e-03	-5.3245e-08	9.0744e-06	0.0000e+00
786	0.0000e+00	0.0000e+00	-2.5728e-03	3.1274e-09	1.0032e-05	0.0000e+00
787	0.0000e+00	0.0000e+00	-2.9934e-03	-2.9412e-08	9.0943e-06	0.0000e+00
788	0.0000e+00	0.0000e+00	-2.5726e-03	-2.0724e-09	1.0101e-05	0.0000e+00
789	0.0000e+00	0.0000e+00	-2.9942e-03	-8.3686e-09	9.0995e-06	0.0000e+00
790	0.0000e+00	0.0000e+00	-2.5729e-03	-1.3179e-08	1.0120e-05	0.0000e+00
791	0.0000e+00	0.0000e+00	-2.9941e-03	1.2996e-08	9.0854e-06	0.0000e+00
792	0.0000e+00	0.0000e+00	-2.5738e-03	-2.4180e-08	1.0091e-05	0.0000e+00
793	0.0000e+00	0.0000e+00	-2.9931e-03	3.7845e-08	9.0563e-06	0.0000e+00
794	0.0000e+00	0.0000e+00	-2.5751e-03	-2.9036e-08	1.0011e-05	0.0000e+00
795	0.0000e+00	0.0000e+00	-2.9910e-03	6.0410e-08	9.0344e-06	0.0000e+00
796	0.0000e+00	0.0000e+00	-2.5766e-03	-2.1360e-08	9.8723e-06	0.0000e+00
797	0.0000e+00	0.0000e+00	-2.9896e-03	4.6140e-11	9.0432e-06	0.0000e+00

798	0.0000e+00	0.0000e+00	-3.3520e-03	-4.6798e-08	7.5353e-06	0.0000e+00
799	0.0000e+00	0.0000e+00	-3.3543e-03	-5.1994e-08	7.5136e-06	0.0000e+00
800	0.0000e+00	0.0000e+00	-3.3561e-03	-3.2242e-08	7.5053e-06	0.0000e+00
801	0.0000e+00	0.0000e+00	-3.3569e-03	-4.4998e-09	7.5016e-06	0.0000e+00
802	0.0000e+00	0.0000e+00	-3.3565e-03	2.3785e-08	7.4985e-06	0.0000e+00
803	0.0000e+00	0.0000e+00	-3.3550e-03	4.5230e-08	7.4997e-06	0.0000e+00
804	0.0000e+00	0.0000e+00	-3.3530e-03	4.3095e-08	7.5134e-06	0.0000e+00
805	0.0000e+00	0.0000e+00	-3.3519e-03	3.4857e-11	7.5248e-06	0.0000e+00
806	0.0000e+00	0.0000e+00	-3.6427e-03	-2.4160e-08	5.7978e-06	0.0000e+00
807	0.0000e+00	0.0000e+00	-3.6440e-03	-3.4608e-08	5.7789e-06	0.0000e+00
808	0.0000e+00	0.0000e+00	-3.6454e-03	-2.3693e-08	5.7654e-06	0.0000e+00
809	0.0000e+00	0.0000e+00	-3.6459e-03	-1.6754e-09	5.7596e-06	0.0000e+00
810	0.0000e+00	0.0000e+00	-3.6455e-03	2.1059e-08	5.7608e-06	0.0000e+00
811	0.0000e+00	0.0000e+00	-3.6443e-03	3.4161e-08	5.7692e-06	0.0000e+00
812	0.0000e+00	0.0000e+00	-3.6428e-03	2.7454e-08	5.7826e-06	0.0000e+00
813	0.0000e+00	0.0000e+00	-3.6422e-03	2.4807e-11	5.7899e-06	0.0000e+00
814	0.0000e+00	0.0000e+00	-3.8592e-03	-1.0181e-08	4.1626e-06	0.0000e+00
815	0.0000e+00	0.0000e+00	-3.8599e-03	-2.0488e-08	4.1517e-06	0.0000e+00
816	0.0000e+00	0.0000e+00	-3.8608e-03	-1.5114e-08	4.1427e-06	0.0000e+00
817	0.0000e+00	0.0000e+00	-3.8611e-03	1.6662e-10	4.1386e-06	0.0000e+00
818	0.0000e+00	0.0000e+00	-3.8608e-03	1.6288e-08	4.1399e-06	0.0000e+00
819	0.0000e+00	0.0000e+00	-3.8598e-03	2.4179e-08	4.1458e-06	0.0000e+00
820	0.0000e+00	0.0000e+00	-3.8588e-03	1.8018e-08	4.1533e-06	0.0000e+00
821	0.0000e+00	0.0000e+00	-3.8584e-03	1.6553e-11	4.1569e-06	0.0000e+00
822	0.0000e+00	0.0000e+00	-4.0097e-03	-3.8175e-09	2.7792e-06	0.0000e+00
823	0.0000e+00	0.0000e+00	-4.0102e-03	-1.3790e-08	2.7762e-06	0.0000e+00
824	0.0000e+00	0.0000e+00	-4.0107e-03	-1.0745e-08	2.7738e-06	0.0000e+00
825	0.0000e+00	0.0000e+00	-4.0110e-03	1.1880e-09	2.7725e-06	0.0000e+00
826	0.0000e+00	0.0000e+00	-4.0106e-03	1.4059e-08	2.7724e-06	0.0000e+00
827	0.0000e+00	0.0000e+00	-4.0098e-03	1.9873e-08	2.7732e-06	0.0000e+00
828	0.0000e+00	0.0000e+00	-4.0091e-03	1.4348e-08	2.7743e-06	0.0000e+00
829	0.0000e+00	0.0000e+00	-4.0087e-03	1.0253e-11	2.7749e-06	0.0000e+00
830	0.0000e+00	0.0000e+00	-4.1063e-03	-4.0929e-09	1.6861e-06	0.0000e+00
831	0.0000e+00	0.0000e+00	-4.1067e-03	-1.4938e-08	1.6909e-06	0.0000e+00
832	0.0000e+00	0.0000e+00	-4.1074e-03	-1.1486e-08	1.6955e-06	0.0000e+00
833	0.0000e+00	0.0000e+00	-4.1076e-03	1.6037e-09	1.6972e-06	0.0000e+00
834	0.0000e+00	0.0000e+00	-4.1072e-03	1.5729e-08	1.6951e-06	0.0000e+00
835	0.0000e+00	0.0000e+00	-4.1063e-03	2.2200e-08	1.6899e-06	0.0000e+00
836	0.0000e+00	0.0000e+00	-4.1055e-03	1.6110e-08	1.6841e-06	0.0000e+00
837	0.0000e+00	0.0000e+00	-4.1051e-03	5.7996e-12	1.6815e-06	0.0000e+00
838	0.0000e+00	0.0000e+00	-4.1609e-03	-1.1334e-08	8.4963e-07	0.0000e+00
839	0.0000e+00	0.0000e+00	-4.1618e-03	-2.4279e-08	8.6325e-07	0.0000e+00
840	0.0000e+00	0.0000e+00	-4.1628e-03	-1.7393e-08	8.7480e-07	0.0000e+00
841	0.0000e+00	0.0000e+00	-4.1631e-03	1.6436e-09	8.7914e-07	0.0000e+00
842	0.0000e+00	0.0000e+00	-4.1626e-03	2.1835e-08	8.7489e-07	0.0000e+00
843	0.0000e+00	0.0000e+00	-4.1614e-03	3.2044e-08	8.6317e-07	0.0000e+00
844	0.0000e+00	0.0000e+00	-4.1601e-03	2.4204e-08	8.4900e-07	0.0000e+00
845	0.0000e+00	0.0000e+00	-4.1595e-03	2.9599e-12	8.4225e-07	0.0000e+00
846	0.0000e+00	0.0000e+00	-4.1833e-03	-2.7512e-08	1.9367e-07	0.0000e+00
847	0.0000e+00	0.0000e+00	-4.1850e-03	-4.1964e-08	2.1717e-07	0.0000e+00
848	0.0000e+00	0.0000e+00	-4.1865e-03	-2.7601e-08	2.3375e-07	0.0000e+00
849	0.0000e+00	0.0000e+00	-4.1871e-03	1.5441e-09	2.3950e-07	0.0000e+00
850	0.0000e+00	0.0000e+00	-4.1864e-03	3.1992e-08	2.3385e-07	0.0000e+00
851	0.0000e+00	0.0000e+00	-4.1845e-03	5.0066e-08	2.1708e-07	0.0000e+00
852	0.0000e+00	0.0000e+00	-4.1824e-03	4.1119e-08	1.9288e-07	0.0000e+00
853	0.0000e+00	0.0000e+00	-4.1814e-03	1.4956e-12	1.7970e-07	0.0000e+00
854	0.0000e+00	0.0000e+00	-4.1793e-03	-5.5995e-08	-3.7353e-07	0.0000e+00
855	0.0000e+00	0.0000e+00	-4.1820e-03	-6.3962e-08	-3.4720e-07	0.0000e+00
856	0.0000e+00	0.0000e+00	-4.1843e-03	-3.8355e-08	-3.3369e-07	0.0000e+00
857	0.0000e+00	0.0000e+00	-4.1851e-03	1.5979e-09	-3.2967e-07	0.0000e+00
858	0.0000e+00	0.0000e+00	-4.1841e-03	4.2974e-08	-3.3429e-07	0.0000e+00
859	0.0000e+00	0.0000e+00	-4.1816e-03	7.2683e-08	-3.4852e-07	0.0000e+00
860	0.0000e+00	0.0000e+00	-4.1783e-03	7.0830e-08	-3.7605e-07	0.0000e+00
861	0.0000e+00	0.0000e+00	-4.1766e-03	1.2317e-12	-3.9850e-07	0.0000e+00
862	0.0000e+00	0.0000e+00	-4.1508e-03	-7.1778e-08	-9.4442e-07	0.0000e+00
863	0.0000e+00	0.0000e+00	-4.1541e-03	-7.3077e-08	-9.4922e-07	0.0000e+00
864	0.0000e+00	0.0000e+00	-4.1566e-03	-4.2115e-08	-9.5180e-07	0.0000e+00
865	0.0000e+00	0.0000e+00	-4.1575e-03	2.3119e-09	-9.5343e-07	0.0000e+00
866	0.0000e+00	0.0000e+00	-4.1564e-03	4.8092e-08	-9.5445e-07	0.0000e+00
867	0.0000e+00	0.0000e+00	-4.1535e-03	8.3006e-08	-9.5409e-07	0.0000e+00
868	0.0000e+00	0.0000e+00	-4.1497e-03	8.7696e-08	-9.5077e-07	0.0000e+00
869	0.0000e+00	0.0000e+00	-2.9910e-03	-6.0317e-08	9.0345e-06	0.0000e+00



870	0.0000e+00	0.0000e+00	-2.5766e-03	2.1476e-08	9.8723e-06	0.0000e+00
871	0.0000e+00	0.0000e+00	-2.9931e-03	-3.7751e-08	9.0563e-06	0.0000e+00
872	0.0000e+00	0.0000e+00	-2.5751e-03	2.9152e-08	1.0011e-05	0.0000e+00
873	0.0000e+00	0.0000e+00	-2.9941e-03	-1.2903e-08	9.0855e-06	0.0000e+00
874	0.0000e+00	0.0000e+00	-2.5738e-03	2.4295e-08	1.0091e-05	0.0000e+00
875	0.0000e+00	0.0000e+00	-2.9941e-03	8.4573e-09	9.0996e-06	0.0000e+00
876	0.0000e+00	0.0000e+00	-2.5729e-03	1.3287e-08	1.0120e-05	0.0000e+00
877	0.0000e+00	0.0000e+00	-2.9933e-03	2.9491e-08	9.0944e-06	0.0000e+00
878	0.0000e+00	0.0000e+00	-2.5726e-03	2.1688e-09	1.0102e-05	0.0000e+00
879	0.0000e+00	0.0000e+00	-2.9916e-03	5.3307e-08	9.0745e-06	0.0000e+00
880	0.0000e+00	0.0000e+00	-2.5728e-03	-3.0529e-09	1.0032e-05	0.0000e+00
881	0.0000e+00	0.0000e+00	-2.9890e-03	7.3934e-08	9.0630e-06	0.0000e+00
882	0.0000e+00	0.0000e+00	-2.5731e-03	3.9187e-09	9.9058e-06	0.0000e+00
883	0.0000e+00	0.0000e+00	-3.3530e-03	-4.3025e-08	7.5134e-06	0.0000e+00
884	0.0000e+00	0.0000e+00	-3.3550e-03	-4.5159e-08	7.4997e-06	0.0000e+00
885	0.0000e+00	0.0000e+00	-3.3565e-03	-2.3715e-08	7.4986e-06	0.0000e+00
886	0.0000e+00	0.0000e+00	-3.3569e-03	4.5655e-09	7.5016e-06	0.0000e+00
887	0.0000e+00	0.0000e+00	-3.3561e-03	3.2299e-08	7.5054e-06	0.0000e+00
888	0.0000e+00	0.0000e+00	-3.3542e-03	5.2036e-08	7.5137e-06	0.0000e+00
889	0.0000e+00	0.0000e+00	-3.3520e-03	4.6815e-08	7.5354e-06	0.0000e+00
890	0.0000e+00	0.0000e+00	-3.6428e-03	-2.7405e-08	5.7827e-06	0.0000e+00
891	0.0000e+00	0.0000e+00	-3.6443e-03	-3.4111e-08	5.7693e-06	0.0000e+00
892	0.0000e+00	0.0000e+00	-3.6455e-03	-2.1010e-08	5.7608e-06	0.0000e+00
893	0.0000e+00	0.0000e+00	-3.6459e-03	1.7210e-09	5.7597e-06	0.0000e+00
894	0.0000e+00	0.0000e+00	-3.6454e-03	2.3731e-08	5.7655e-06	0.0000e+00
895	0.0000e+00	0.0000e+00	-3.6440e-03	3.4635e-08	5.7790e-06	0.0000e+00
896	0.0000e+00	0.0000e+00	-3.6427e-03	2.4167e-08	5.7979e-06	0.0000e+00
897	0.0000e+00	0.0000e+00	-3.8588e-03	-1.7985e-08	4.1533e-06	0.0000e+00
898	0.0000e+00	0.0000e+00	-3.8598e-03	-2.4146e-08	4.1458e-06	0.0000e+00
899	0.0000e+00	0.0000e+00	-3.8607e-03	-1.6256e-08	4.1399e-06	0.0000e+00
900	0.0000e+00	0.0000e+00	-3.8611e-03	-1.3710e-10	4.1386e-06	0.0000e+00
901	0.0000e+00	0.0000e+00	-3.8608e-03	1.5138e-08	4.1428e-06	0.0000e+00
902	0.0000e+00	0.0000e+00	-3.8599e-03	2.0502e-08	4.1518e-06	0.0000e+00
903	0.0000e+00	0.0000e+00	-3.8592e-03	1.0182e-08	4.1627e-06	0.0000e+00
904	0.0000e+00	0.0000e+00	-4.0091e-03	-1.4327e-08	2.7743e-06	0.0000e+00
905	0.0000e+00	0.0000e+00	-4.0098e-03	-1.9853e-08	2.7732e-06	0.0000e+00
906	0.0000e+00	0.0000e+00	-4.0106e-03	-1.4040e-08	2.7724e-06	0.0000e+00
907	0.0000e+00	0.0000e+00	-4.0110e-03	-1.1704e-09	2.7726e-06	0.0000e+00
908	0.0000e+00	0.0000e+00	-4.0107e-03	1.0759e-08	2.7739e-06	0.0000e+00
909	0.0000e+00	0.0000e+00	-4.0102e-03	1.3798e-08	2.7762e-06	0.0000e+00
910	0.0000e+00	0.0000e+00	-4.0097e-03	3.8157e-09	2.7793e-06	0.0000e+00
911	0.0000e+00	0.0000e+00	-4.1055e-03	-1.6099e-08	1.6841e-06	0.0000e+00
912	0.0000e+00	0.0000e+00	-4.1063e-03	-2.2189e-08	1.6899e-06	0.0000e+00
913	0.0000e+00	0.0000e+00	-4.1072e-03	-1.5718e-08	1.6951e-06	0.0000e+00
914	0.0000e+00	0.0000e+00	-4.1076e-03	-1.5943e-09	1.6972e-06	0.0000e+00
915	0.0000e+00	0.0000e+00	-4.1074e-03	1.1493e-08	1.6955e-06	0.0000e+00
916	0.0000e+00	0.0000e+00	-4.1067e-03	1.4941e-08	1.6910e-06	0.0000e+00
917	0.0000e+00	0.0000e+00	-4.1063e-03	4.0899e-09	1.6862e-06	0.0000e+00
918	0.0000e+00	0.0000e+00	-4.1601e-03	-2.4199e-08	8.4901e-07	0.0000e+00
919	0.0000e+00	0.0000e+00	-4.1614e-03	-3.2038e-08	8.6318e-07	0.0000e+00
920	0.0000e+00	0.0000e+00	-4.1626e-03	-2.1831e-08	8.7490e-07	0.0000e+00
921	0.0000e+00	0.0000e+00	-4.1631e-03	-1.6395e-09	8.7916e-07	0.0000e+00
922	0.0000e+00	0.0000e+00	-4.1628e-03	1.7396e-08	8.7482e-07	0.0000e+00
923	0.0000e+00	0.0000e+00	-4.1618e-03	2.4279e-08	8.6327e-07	0.0000e+00
924	0.0000e+00	0.0000e+00	-4.1609e-03	1.1331e-08	8.4966e-07	0.0000e+00
925	0.0000e+00	0.0000e+00	-4.1824e-03	-4.1117e-08	1.9288e-07	0.0000e+00
926	0.0000e+00	0.0000e+00	-4.1845e-03	-5.0065e-08	2.1708e-07	0.0000e+00
927	0.0000e+00	0.0000e+00	-4.1864e-03	-3.1991e-08	2.3385e-07	0.0000e+00
928	0.0000e+00	0.0000e+00	-4.1871e-03	-1.5431e-09	2.3951e-07	0.0000e+00
929	0.0000e+00	0.0000e+00	-4.1865e-03	2.7601e-08	2.3376e-07	0.0000e+00
930	0.0000e+00	0.0000e+00	-4.1850e-03	4.1963e-08	2.1718e-07	0.0000e+00
931	0.0000e+00	0.0000e+00	-4.1833e-03	2.7510e-08	1.9368e-07	0.0000e+00
932	0.0000e+00	0.0000e+00	-4.1783e-03	-7.0830e-08	-3.7605e-07	0.0000e+00
933	0.0000e+00	0.0000e+00	-4.1816e-03	-7.2683e-08	-3.4852e-07	0.0000e+00
934	0.0000e+00	0.0000e+00	-4.1841e-03	-4.2975e-08	-3.3429e-07	0.0000e+00
935	0.0000e+00	0.0000e+00	-4.1851e-03	-1.5986e-09	-3.2967e-07	0.0000e+00
936	0.0000e+00	0.0000e+00	-4.1843e-03	3.8355e-08	-3.3369e-07	0.0000e+00
937	0.0000e+00	0.0000e+00	-4.1820e-03	6.3961e-08	-3.4719e-07	0.0000e+00
938	0.0000e+00	0.0000e+00	-4.1793e-03	5.5994e-08	-3.7353e-07	0.0000e+00
939	0.0000e+00	0.0000e+00	-4.1497e-03	-8.7696e-08	-9.5077e-07	0.0000e+00
940	0.0000e+00	0.0000e+00	-4.1535e-03	-8.3007e-08	-9.5409e-07	0.0000e+00
941	0.0000e+00	0.0000e+00	-4.1564e-03	-4.8094e-08	-9.5445e-07	0.0000e+00

942	0.0000e+00	0.0000e+00	-4.1575e-03	-2.3131e-09	-9.5343e-07	0.0000e+00
943	0.0000e+00	0.0000e+00	-4.1566e-03	4.2114e-08	-9.5180e-07	0.0000e+00
944	0.0000e+00	0.0000e+00	-4.1541e-03	7.3077e-08	-9.4922e-07	0.0000e+00
945	0.0000e+00	0.0000e+00	-4.1508e-03	7.1778e-08	-9.4442e-07	0.0000e+00
946	0.0000e+00	0.0000e+00	-2.9938e-03	7.1970e-09	8.9343e-06	0.0000e+00
947	0.0000e+00	0.0000e+00	-2.5844e-03	7.6297e-08	9.7441e-06	0.0000e+00
948	0.0000e+00	0.0000e+00	-2.9935e-03	6.3514e-09	8.9420e-06	0.0000e+00
949	0.0000e+00	0.0000e+00	-2.5814e-03	6.4362e-08	9.8578e-06	0.0000e+00
950	0.0000e+00	0.0000e+00	-2.9929e-03	1.8778e-08	8.9612e-06	0.0000e+00
951	0.0000e+00	0.0000e+00	-2.5791e-03	4.7634e-08	9.9184e-06	0.0000e+00
952	0.0000e+00	0.0000e+00	-2.9918e-03	3.4633e-08	8.9717e-06	0.0000e+00
953	0.0000e+00	0.0000e+00	-2.5776e-03	3.1655e-08	9.9289e-06	0.0000e+00
954	0.0000e+00	0.0000e+00	-2.9901e-03	5.3601e-08	8.9738e-06	0.0000e+00
955	0.0000e+00	0.0000e+00	-2.5767e-03	2.1814e-08	9.8893e-06	0.0000e+00
956	0.0000e+00	0.0000e+00	-2.9878e-03	6.5574e-08	8.9882e-06	0.0000e+00
957	0.0000e+00	0.0000e+00	-2.5761e-03	2.3394e-08	9.7969e-06	0.0000e+00
958	0.0000e+00	0.0000e+00	-3.3518e-03	3.1221e-08	7.4328e-06	0.0000e+00
959	0.0000e+00	0.0000e+00	-3.3511e-03	5.4703e-09	7.4192e-06	0.0000e+00
960	0.0000e+00	0.0000e+00	-3.3509e-03	8.9655e-09	7.4188e-06	0.0000e+00
961	0.0000e+00	0.0000e+00	-3.3503e-03	2.2629e-08	7.4282e-06	0.0000e+00
962	0.0000e+00	0.0000e+00	-3.3491e-03	3.1969e-08	7.4480e-06	0.0000e+00
963	0.0000e+00	0.0000e+00	-3.3481e-03	1.7816e-08	7.4816e-06	0.0000e+00
964	0.0000e+00	0.0000e+00	-3.6385e-03	4.4626e-08	5.7205e-06	0.0000e+00
965	0.0000e+00	0.0000e+00	-3.6374e-03	1.4173e-08	5.7124e-06	0.0000e+00
966	0.0000e+00	0.0000e+00	-3.6371e-03	5.6531e-09	5.7101e-06	0.0000e+00
967	0.0000e+00	0.0000e+00	-3.6369e-03	6.8572e-09	5.7179e-06	0.0000e+00
968	0.0000e+00	0.0000e+00	-3.6366e-03	3.6415e-09	5.7362e-06	0.0000e+00
969	0.0000e+00	0.0000e+00	-3.6368e-03	-1.6113e-08	5.7608e-06	0.0000e+00
970	0.0000e+00	0.0000e+00	-3.8522e-03	4.9185e-08	4.1053e-06	0.0000e+00
971	0.0000e+00	0.0000e+00	-3.8509e-03	1.8476e-08	4.1032e-06	0.0000e+00
972	0.0000e+00	0.0000e+00	-3.8505e-03	2.8037e-09	4.1035e-06	0.0000e+00
973	0.0000e+00	0.0000e+00	-3.8506e-03	-5.4677e-09	4.1095e-06	0.0000e+00
974	0.0000e+00	0.0000e+00	-3.8510e-03	-1.6249e-08	4.1214e-06	0.0000e+00
975	0.0000e+00	0.0000e+00	-3.8520e-03	-3.6969e-08	4.1361e-06	0.0000e+00
976	0.0000e+00	0.0000e+00	-4.0005e-03	4.8806e-08	2.7359e-06	0.0000e+00
977	0.0000e+00	0.0000e+00	-3.9992e-03	1.8163e-08	2.7376e-06	0.0000e+00
978	0.0000e+00	0.0000e+00	-3.9989e-03	-5.7581e-10	2.7401e-06	0.0000e+00
979	0.0000e+00	0.0000e+00	-3.9992e-03	-1.3220e-08	2.7443e-06	0.0000e+00
980	0.0000e+00	0.0000e+00	-4.0000e-03	-2.7408e-08	2.7504e-06	0.0000e+00
981	0.0000e+00	0.0000e+00	-4.0015e-03	-4.8651e-08	2.7576e-06	0.0000e+00
982	0.0000e+00	0.0000e+00	-4.0954e-03	4.5706e-08	1.6525e-06	0.0000e+00
983	0.0000e+00	0.0000e+00	-4.0943e-03	1.4470e-08	1.6572e-06	0.0000e+00
984	0.0000e+00	0.0000e+00	-4.0941e-03	-4.2966e-09	1.6617e-06	0.0000e+00
985	0.0000e+00	0.0000e+00	-4.0945e-03	-1.6861e-08	1.6643e-06	0.0000e+00
986	0.0000e+00	0.0000e+00	-4.0955e-03	-3.1393e-08	1.6651e-06	0.0000e+00
987	0.0000e+00	0.0000e+00	-4.0971e-03	-5.3787e-08	1.6660e-06	0.0000e+00
988	0.0000e+00	0.0000e+00	-4.1488e-03	3.9599e-08	8.2367e-07	0.0000e+00
989	0.0000e+00	0.0000e+00	-4.1479e-03	7.0134e-09	8.3296e-07	0.0000e+00
990	0.0000e+00	0.0000e+00	-4.1480e-03	-8.6354e-09	8.4017e-07	0.0000e+00
991	0.0000e+00	0.0000e+00	-4.1485e-03	-1.6568e-08	8.4133e-07	0.0000e+00
992	0.0000e+00	0.0000e+00	-4.1494e-03	-2.8291e-08	8.3658e-07	0.0000e+00
993	0.0000e+00	0.0000e+00	-4.1509e-03	-5.2638e-08	8.3017e-07	0.0000e+00
994	0.0000e+00	0.0000e+00	-4.1702e-03	2.7549e-08	1.7640e-07	0.0000e+00
995	0.0000e+00	0.0000e+00	-4.1699e-03	-5.9234e-09	1.9292e-07	0.0000e+00
996	0.0000e+00	0.0000e+00	-4.1704e-03	-1.4105e-08	2.0322e-07	0.0000e+00
997	0.0000e+00	0.0000e+00	-4.1709e-03	-1.2333e-08	2.0323e-07	0.0000e+00
998	0.0000e+00	0.0000e+00	-4.1714e-03	-1.6820e-08	1.9300e-07	0.0000e+00
999	0.0000e+00	0.0000e+00	-4.1725e-03	-4.2704e-08	1.7683e-07	0.0000e+00
1000	0.0000e+00	0.0000e+00	-4.1657e-03	4.2127e-09	-3.7903e-07	0.0000e+00
1001	0.0000e+00	0.0000e+00	-4.1662e-03	-2.3383e-08	-3.5838e-07	0.0000e+00
1002	0.0000e+00	0.0000e+00	-4.1671e-03	-1.9721e-08	-3.4940e-07	0.0000e+00
1003	0.0000e+00	0.0000e+00	-4.1676e-03	-5.7349e-09	-3.5023e-07	0.0000e+00
1004	0.0000e+00	0.0000e+00	-4.1676e-03	1.6843e-09	-3.6098e-07	0.0000e+00
1005	0.0000e+00	0.0000e+00	-4.1679e-03	-1.8685e-08	-3.8365e-07	0.0000e+00
1006	0.0000e+00	0.0000e+00	-4.1374e-03	-1.0206e-08	-9.3126e-07	0.0000e+00
1007	0.0000e+00	0.0000e+00	-4.1382e-03	-3.0337e-08	-9.3613e-07	0.0000e+00
1008	0.0000e+00	0.0000e+00	-4.1393e-03	-2.1076e-08	-9.3893e-07	0.0000e+00
1009	0.0000e+00	0.0000e+00	-4.1397e-03	-1.8722e-09	-9.4039e-07	0.0000e+00
1010	0.0000e+00	0.0000e+00	-4.1395e-03	1.1280e-08	-9.4049e-07	0.0000e+00
1011	0.0000e+00	0.0000e+00	-4.1393e-03	-1.3388e-09	-9.3853e-07	0.0000e+00
1012	0.0000e+00	0.0000e+00	-2.9878e-03	-6.5320e-08	8.9884e-06	0.0000e+00
1013	0.0000e+00	0.0000e+00	-2.5761e-03	-2.3107e-08	9.7971e-06	0.0000e+00

1014	0.0000e+00	0.0000e+00	-2.9901e-03	-5.3305e-08	8.9740e-06	0.0000e+00
1015	0.0000e+00	0.0000e+00	-2.5767e-03	-2.1482e-08	9.8895e-06	0.0000e+00
1016	0.0000e+00	0.0000e+00	-2.9918e-03	-3.4324e-08	8.9719e-06	0.0000e+00
1017	0.0000e+00	0.0000e+00	-2.5775e-03	-3.1311e-08	9.9291e-06	0.0000e+00
1018	0.0000e+00	0.0000e+00	-2.9928e-03	-1.8490e-08	8.9615e-06	0.0000e+00
1019	0.0000e+00	0.0000e+00	-2.5790e-03	-4.7318e-08	9.9187e-06	0.0000e+00
1020	0.0000e+00	0.0000e+00	-2.9934e-03	-6.1232e-09	8.9424e-06	0.0000e+00
1021	0.0000e+00	0.0000e+00	-2.5813e-03	-6.4119e-08	9.8581e-06	0.0000e+00
1022	0.0000e+00	0.0000e+00	-2.9937e-03	-7.0792e-09	8.9347e-06	0.0000e+00
1023	0.0000e+00	0.0000e+00	-2.5843e-03	-7.6185e-08	9.7444e-06	0.0000e+00
1024	0.0000e+00	0.0000e+00	-3.3480e-03	-1.7618e-08	7.4818e-06	0.0000e+00
1025	0.0000e+00	0.0000e+00	-3.3491e-03	-3.1736e-08	7.4481e-06	0.0000e+00
1026	0.0000e+00	0.0000e+00	-3.3502e-03	-2.2386e-08	7.4285e-06	0.0000e+00
1027	0.0000e+00	0.0000e+00	-3.3508e-03	-8.7398e-09	7.4191e-06	0.0000e+00
1028	0.0000e+00	0.0000e+00	-3.3511e-03	-5.2966e-09	7.4196e-06	0.0000e+00
1029	0.0000e+00	0.0000e+00	-3.3517e-03	-3.1138e-08	7.4332e-06	0.0000e+00
1030	0.0000e+00	0.0000e+00	-3.6368e-03	1.6263e-08	5.7609e-06	0.0000e+00
1031	0.0000e+00	0.0000e+00	-3.6366e-03	-3.4661e-09	5.7363e-06	0.0000e+00
1032	0.0000e+00	0.0000e+00	-3.6368e-03	-6.6743e-09	5.7181e-06	0.0000e+00
1033	0.0000e+00	0.0000e+00	-3.6371e-03	-5.4850e-09	5.7103e-06	0.0000e+00
1034	0.0000e+00	0.0000e+00	-3.6374e-03	-1.4045e-08	5.7127e-06	0.0000e+00
1035	0.0000e+00	0.0000e+00	-3.6385e-03	-4.4565e-08	5.7208e-06	0.0000e+00
1036	0.0000e+00	0.0000e+00	-3.8520e-03	3.7079e-08	4.1362e-06	0.0000e+00
1037	0.0000e+00	0.0000e+00	-3.8509e-03	1.6376e-08	4.1215e-06	0.0000e+00
1038	0.0000e+00	0.0000e+00	-3.8505e-03	5.5998e-09	4.1096e-06	0.0000e+00
1039	0.0000e+00	0.0000e+00	-3.8505e-03	-2.6826e-09	4.1037e-06	0.0000e+00
1040	0.0000e+00	0.0000e+00	-3.8509e-03	-1.8384e-08	4.1034e-06	0.0000e+00
1041	0.0000e+00	0.0000e+00	-3.8522e-03	-4.9139e-08	4.1055e-06	0.0000e+00
1042	0.0000e+00	0.0000e+00	-4.0015e-03	4.8728e-08	2.7577e-06	0.0000e+00
1043	0.0000e+00	0.0000e+00	-4.0000e-03	2.7497e-08	2.7505e-06	0.0000e+00
1044	0.0000e+00	0.0000e+00	-3.9992e-03	1.3313e-08	2.7444e-06	0.0000e+00
1045	0.0000e+00	0.0000e+00	-3.9989e-03	6.6177e-10	2.7403e-06	0.0000e+00
1046	0.0000e+00	0.0000e+00	-3.9992e-03	-1.8096e-08	2.7378e-06	0.0000e+00
1047	0.0000e+00	0.0000e+00	-4.0005e-03	-4.8769e-08	2.7361e-06	0.0000e+00
1048	0.0000e+00	0.0000e+00	-4.0971e-03	5.3840e-08	1.6661e-06	0.0000e+00
1049	0.0000e+00	0.0000e+00	-4.0955e-03	3.1455e-08	1.6652e-06	0.0000e+00
1050	0.0000e+00	0.0000e+00	-4.0945e-03	1.6926e-08	1.6643e-06	0.0000e+00
1051	0.0000e+00	0.0000e+00	-4.0941e-03	4.3578e-09	1.6618e-06	0.0000e+00
1052	0.0000e+00	0.0000e+00	-4.0943e-03	-1.4420e-08	1.6574e-06	0.0000e+00
1053	0.0000e+00	0.0000e+00	-4.0954e-03	-4.5676e-08	1.6526e-06	0.0000e+00
1054	0.0000e+00	0.0000e+00	-4.1509e-03	5.2674e-08	8.3019e-07	0.0000e+00
1055	0.0000e+00	0.0000e+00	-4.1494e-03	2.8333e-08	8.3661e-07	0.0000e+00
1056	0.0000e+00	0.0000e+00	-4.1485e-03	1.6614e-08	8.4138e-07	0.0000e+00
1057	0.0000e+00	0.0000e+00	-4.1480e-03	8.6797e-09	8.4023e-07	0.0000e+00
1058	0.0000e+00	0.0000e+00	-4.1479e-03	-6.9755e-09	8.3303e-07	0.0000e+00
1059	0.0000e+00	0.0000e+00	-4.1488e-03	-3.9573e-08	8.2374e-07	0.0000e+00
1060	0.0000e+00	0.0000e+00	-4.1725e-03	4.2730e-08	1.7683e-07	0.0000e+00
1061	0.0000e+00	0.0000e+00	-4.1714e-03	1.6850e-08	1.9301e-07	0.0000e+00
1062	0.0000e+00	0.0000e+00	-4.1709e-03	1.2366e-08	2.0325e-07	0.0000e+00
1063	0.0000e+00	0.0000e+00	-4.1704e-03	1.4138e-08	2.0325e-07	0.0000e+00
1064	0.0000e+00	0.0000e+00	-4.1699e-03	5.9541e-09	1.9296e-07	0.0000e+00
1065	0.0000e+00	0.0000e+00	-4.1702e-03	-2.7525e-08	1.7644e-07	0.0000e+00
1066	0.0000e+00	0.0000e+00	-4.1679e-03	1.8704e-08	-3.8366e-07	0.0000e+00
1067	0.0000e+00	0.0000e+00	-4.1676e-03	-1.6625e-09	-3.6098e-07	0.0000e+00
1068	0.0000e+00	0.0000e+00	-4.1676e-03	5.7596e-09	-3.5022e-07	0.0000e+00
1069	0.0000e+00	0.0000e+00	-4.1671e-03	1.9747e-08	-3.4938e-07	0.0000e+00
1070	0.0000e+00	0.0000e+00	-4.1662e-03	2.3408e-08	-3.5837e-07	0.0000e+00
1071	0.0000e+00	0.0000e+00	-4.1657e-03	-4.1897e-09	-3.7901e-07	0.0000e+00
1072	0.0000e+00	0.0000e+00	-4.1393e-03	1.3544e-09	-9.3854e-07	0.0000e+00
1073	0.0000e+00	0.0000e+00	-4.1395e-03	-1.1262e-08	-9.4050e-07	0.0000e+00
1074	0.0000e+00	0.0000e+00	-4.1397e-03	1.8923e-09	-9.4039e-07	0.0000e+00
1075	0.0000e+00	0.0000e+00	-4.1393e-03	2.1098e-08	-9.3893e-07	0.0000e+00
1076	0.0000e+00	0.0000e+00	-4.1382e-03	3.0358e-08	-9.3612e-07	0.0000e+00
1077	0.0000e+00	0.0000e+00	-4.1374e-03	1.0225e-08	-9.3125e-07	0.0000e+00
1078	0.0000e+00	0.0000e+00	-2.6953e-03	-8.6216e-06	-1.5914e-06	0.0000e+00
1079	0.0000e+00	0.0000e+00	-3.0325e-03	-8.1514e-06	-1.6564e-06	0.0000e+00
1080	0.0000e+00	0.0000e+00	-3.3377e-03	-7.0615e-06	-1.7596e-06	0.0000e+00
1081	0.0000e+00	0.0000e+00	-3.5930e-03	-5.6934e-06	-1.8283e-06	0.0000e+00
1082	0.0000e+00	0.0000e+00	-3.7927e-03	-4.3055e-06	-1.8683e-06	0.0000e+00
1083	0.0000e+00	0.0000e+00	-3.9392e-03	-3.0472e-06	-1.8822e-06	0.0000e+00
1084	0.0000e+00	0.0000e+00	-4.0394e-03	-1.9925e-06	-1.8733e-06	0.0000e+00
1085	0.0000e+00	0.0000e+00	-4.1020e-03	-1.1668e-06	-1.8450e-06	0.0000e+00

1086	0.0000e+00	0.0000e+00	-4.1361e-03	-5.6820e-07	-1.8006e-06	0.0000e+00
1087	0.0000e+00	0.0000e+00	-4.1507e-03	-1.8533e-07	-1.7427e-06	0.0000e+00
1088	0.0000e+00	0.0000e+00	-4.1541e-03	-7.1917e-09	-1.6880e-06	0.0000e+00
1089	0.0000e+00	0.0000e+00	-2.6121e-03	-8.4637e-06	-2.2861e-06	0.0000e+00
1090	0.0000e+00	0.0000e+00	-2.9432e-03	-8.0059e-06	-2.4636e-06	0.0000e+00
1091	0.0000e+00	0.0000e+00	-3.2429e-03	-6.9359e-06	-2.6318e-06	0.0000e+00
1092	0.0000e+00	0.0000e+00	-3.4938e-03	-5.6048e-06	-2.7669e-06	0.0000e+00
1093	0.0000e+00	0.0000e+00	-3.6907e-03	-4.2556e-06	-2.8596e-06	0.0000e+00
1094	0.0000e+00	0.0000e+00	-3.8359e-03	-3.0336e-06	-2.9074e-06	0.0000e+00
1095	0.0000e+00	0.0000e+00	-3.9362e-03	-2.0101e-06	-2.9148e-06	0.0000e+00
1096	0.0000e+00	0.0000e+00	-3.9999e-03	-1.2090e-06	-2.8900e-06	0.0000e+00
1097	0.0000e+00	0.0000e+00	-4.0361e-03	-6.2842e-07	-2.8428e-06	0.0000e+00
1098	0.0000e+00	0.0000e+00	-4.0532e-03	-2.5200e-07	-2.7847e-06	0.0000e+00
1099	0.0000e+00	0.0000e+00	-4.0588e-03	-4.8924e-08	-2.7341e-06	0.0000e+00
1100	0.0000e+00	0.0000e+00	-2.4974e-03	-8.1390e-06	-3.0273e-06	0.0000e+00
1101	0.0000e+00	0.0000e+00	-2.8169e-03	-7.7445e-06	-3.3671e-06	0.0000e+00
1102	0.0000e+00	0.0000e+00	-3.1067e-03	-6.7128e-06	-3.6628e-06	0.0000e+00
1103	0.0000e+00	0.0000e+00	-3.3496e-03	-5.4339e-06	-3.9039e-06	0.0000e+00
1104	0.0000e+00	0.0000e+00	-3.5408e-03	-4.1470e-06	-4.0754e-06	0.0000e+00
1105	0.0000e+00	0.0000e+00	-3.6829e-03	-2.9850e-06	-4.1747e-06	0.0000e+00
1106	0.0000e+00	0.0000e+00	-3.7822e-03	-2.0105e-06	-4.2117e-06	0.0000e+00
1107	0.0000e+00	0.0000e+00	-3.8467e-03	-1.2442e-06	-4.2029e-06	0.0000e+00
1108	0.0000e+00	0.0000e+00	-3.8847e-03	-6.8308e-07	-4.1666e-06	0.0000e+00
1109	0.0000e+00	0.0000e+00	-3.9040e-03	-3.0963e-07	-4.1193e-06	0.0000e+00
1110	0.0000e+00	0.0000e+00	-3.9117e-03	-9.2128e-08	-4.0752e-06	0.0000e+00
1111	0.0000e+00	0.0000e+00	-2.3494e-03	-7.6290e-06	-3.7897e-06	0.0000e+00
1112	0.0000e+00	0.0000e+00	-2.6498e-03	-7.2989e-06	-4.3404e-06	0.0000e+00
1113	0.0000e+00	0.0000e+00	-2.9229e-03	-6.3318e-06	-4.8212e-06	0.0000e+00
1114	0.0000e+00	0.0000e+00	-3.1523e-03	-5.1434e-06	-5.2105e-06	0.0000e+00
1115	0.0000e+00	0.0000e+00	-3.3338e-03	-3.9574e-06	-5.4849e-06	0.0000e+00
1116	0.0000e+00	0.0000e+00	-3.4702e-03	-2.8870e-06	-5.6490e-06	0.0000e+00
1117	0.0000e+00	0.0000e+00	-3.5670e-03	-1.9829e-06	-5.7240e-06	0.0000e+00
1118	0.0000e+00	0.0000e+00	-3.6314e-03	-1.2616e-06	-5.7381e-06	0.0000e+00
1119	0.0000e+00	0.0000e+00	-3.6705e-03	-7.2216e-07	-5.7193e-06	0.0000e+00
1120	0.0000e+00	0.0000e+00	-3.6916e-03	-3.5346e-07	-5.6890e-06	0.0000e+00
1121	0.0000e+00	0.0000e+00	-3.7009e-03	-1.3098e-07	-5.6574e-06	0.0000e+00
1122	0.0000e+00	0.0000e+00	-2.1679e-03	-6.9156e-06	-4.5267e-06	0.0000e+00
1123	0.0000e+00	0.0000e+00	-2.4401e-03	-6.6122e-06	-5.3265e-06	0.0000e+00
1124	0.0000e+00	0.0000e+00	-2.6876e-03	-5.7469e-06	-6.0260e-06	0.0000e+00
1125	0.0000e+00	0.0000e+00	-2.8965e-03	-4.7079e-06	-6.5792e-06	0.0000e+00
1126	0.0000e+00	0.0000e+00	-3.0637e-03	-3.6747e-06	-6.9614e-06	0.0000e+00
1127	0.0000e+00	0.0000e+00	-3.1914e-03	-2.7331e-06	-7.1928e-06	0.0000e+00
1128	0.0000e+00	0.0000e+00	-3.2841e-03	-1.9224e-06	-7.3088e-06	0.0000e+00
1129	0.0000e+00	0.0000e+00	-3.3472e-03	-1.2572e-06	-7.3483e-06	0.0000e+00
1130	0.0000e+00	0.0000e+00	-3.3867e-03	-7.4074e-07	-7.3483e-06	0.0000e+00
1131	0.0000e+00	0.0000e+00	-3.4086e-03	-3.7532e-07	-7.3409e-06	0.0000e+00
1132	0.0000e+00	0.0000e+00	-3.4188e-03	-1.5691e-07	-7.3320e-06	0.0000e+00
1133	0.0000e+00	0.0000e+00	-1.9550e-03	-5.9992e-06	-5.1751e-06	0.0000e+00
1134	0.0000e+00	0.0000e+00	-2.1894e-03	-5.6728e-06	-6.2075e-06	0.0000e+00
1135	0.0000e+00	0.0000e+00	-2.4025e-03	-4.9681e-06	-7.0819e-06	0.0000e+00
1136	0.0000e+00	0.0000e+00	-2.5845e-03	-4.1418e-06	-7.7568e-06	0.0000e+00
1137	0.0000e+00	0.0000e+00	-2.7332e-03	-3.3057e-06	-8.2241e-06	0.0000e+00
1138	0.0000e+00	0.0000e+00	-2.8494e-03	-2.5210e-06	-8.5193e-06	0.0000e+00
1139	0.0000e+00	0.0000e+00	-2.9359e-03	-1.8226e-06	-8.6837e-06	0.0000e+00
1140	0.0000e+00	0.0000e+00	-2.9966e-03	-1.2273e-06	-8.7564e-06	0.0000e+00
1141	0.0000e+00	0.0000e+00	-3.0356e-03	-7.3875e-07	-8.7733e-06	0.0000e+00
1142	0.0000e+00	0.0000e+00	-3.0574e-03	-3.6068e-07	-8.7783e-06	0.0000e+00
1143	0.0000e+00	0.0000e+00	-3.0674e-03	-1.5362e-07	-8.7991e-06	0.0000e+00
1144	0.0000e+00	0.0000e+00	-1.9084e-03	-4.5562e-06	-6.6684e-06	0.0000e+00
1145	0.0000e+00	0.0000e+00	-2.0831e-03	-4.0654e-06	-7.5205e-06	0.0000e+00
1146	0.0000e+00	0.0000e+00	-2.2351e-03	-3.4806e-06	-8.2162e-06	0.0000e+00
1147	0.0000e+00	0.0000e+00	-2.3621e-03	-2.8589e-06	-8.7488e-06	0.0000e+00
1148	0.0000e+00	0.0000e+00	-2.4636e-03	-2.2483e-06	-9.1318e-06	0.0000e+00
1149	0.0000e+00	0.0000e+00	-2.5412e-03	-1.6836e-06	-9.3855e-06	0.0000e+00
1150	0.0000e+00	0.0000e+00	-2.5972e-03	-1.1859e-06	-9.5311e-06	0.0000e+00
1151	0.0000e+00	0.0000e+00	-2.6348e-03	-7.6407e-07	-9.5858e-06	0.0000e+00
1152	0.0000e+00	0.0000e+00	-2.6572e-03	-4.1697e-07	-9.5600e-06	0.0000e+00
1153	0.0000e+00	0.0000e+00	-4.1523e-03	7.7674e-08	-1.6740e-06	0.0000e+00
1154	0.0000e+00	0.0000e+00	-4.1476e-03	1.3151e-07	-1.6828e-06	0.0000e+00
1155	0.0000e+00	0.0000e+00	-4.1410e-03	1.6538e-07	-1.6855e-06	0.0000e+00
1156	0.0000e+00	0.0000e+00	-4.1333e-03	1.8398e-07	-1.6861e-06	0.0000e+00
1157	0.0000e+00	0.0000e+00	-4.1250e-03	1.9445e-07	-1.6865e-06	0.0000e+00

1158	0.0000e+00	0.0000e+00	-4.1162e-03	2.0135e-07	-1.6864e-06	0.0000e+00
1159	0.0000e+00	0.0000e+00	-4.1073e-03	2.0502e-07	-1.6836e-06	0.0000e+00
1160	0.0000e+00	0.0000e+00	-4.0983e-03	2.0016e-07	-1.6742e-06	0.0000e+00
1161	0.0000e+00	0.0000e+00	-4.0901e-03	1.7177e-07	-1.6532e-06	0.0000e+00
1162	0.0000e+00	0.0000e+00	-4.0840e-03	9.9595e-08	-1.6397e-06	0.0000e+00
1163	0.0000e+00	0.0000e+00	-4.0580e-03	7.4996e-08	-2.7064e-06	0.0000e+00
1164	0.0000e+00	0.0000e+00	-4.0533e-03	1.3529e-07	-2.7012e-06	0.0000e+00
1165	0.0000e+00	0.0000e+00	-4.0466e-03	1.6784e-07	-2.7024e-06	0.0000e+00
1166	0.0000e+00	0.0000e+00	-4.0388e-03	1.8592e-07	-2.7052e-06	0.0000e+00
1167	0.0000e+00	0.0000e+00	-4.0303e-03	1.9585e-07	-2.7083e-06	0.0000e+00
1168	0.0000e+00	0.0000e+00	-4.0216e-03	2.0059e-07	-2.7102e-06	0.0000e+00
1169	0.0000e+00	0.0000e+00	-4.0128e-03	1.9916e-07	-2.7084e-06	0.0000e+00
1170	0.0000e+00	0.0000e+00	-4.0042e-03	1.8597e-07	-2.7007e-06	0.0000e+00
1171	0.0000e+00	0.0000e+00	-3.9967e-03	1.5322e-07	-2.6882e-06	0.0000e+00
1172	0.0000e+00	0.0000e+00	-3.9910e-03	1.0296e-07	-2.6826e-06	0.0000e+00
1173	0.0000e+00	0.0000e+00	-3.9122e-03	5.4750e-08	-4.0410e-06	0.0000e+00
1174	0.0000e+00	0.0000e+00	-3.9081e-03	1.2941e-07	-4.0237e-06	0.0000e+00
1175	0.0000e+00	0.0000e+00	-3.9014e-03	1.6885e-07	-4.0192e-06	0.0000e+00
1176	0.0000e+00	0.0000e+00	-3.8935e-03	1.8996e-07	-4.0225e-06	0.0000e+00
1177	0.0000e+00	0.0000e+00	-3.8849e-03	2.0030e-07	-4.0288e-06	0.0000e+00
1178	0.0000e+00	0.0000e+00	-3.8760e-03	2.0311e-07	-4.0349e-06	0.0000e+00
1179	0.0000e+00	0.0000e+00	-3.8671e-03	1.9787e-07	-4.0387e-06	0.0000e+00
1180	0.0000e+00	0.0000e+00	-3.8587e-03	1.8058e-07	-4.0398e-06	0.0000e+00
1181	0.0000e+00	0.0000e+00	-3.8515e-03	1.4769e-07	-4.0395e-06	0.0000e+00
1182	0.0000e+00	0.0000e+00	-3.8459e-03	1.0557e-07	-4.0402e-06	0.0000e+00
1183	0.0000e+00	0.0000e+00	-3.7029e-03	2.7272e-08	-5.6252e-06	0.0000e+00
1184	0.0000e+00	0.0000e+00	-3.6996e-03	1.1737e-07	-5.6048e-06	0.0000e+00
1185	0.0000e+00	0.0000e+00	-3.6932e-03	1.6956e-07	-5.6014e-06	0.0000e+00
1186	0.0000e+00	0.0000e+00	-3.6850e-03	1.9748e-07	-5.6095e-06	0.0000e+00
1187	0.0000e+00	0.0000e+00	-3.6760e-03	2.0934e-07	-5.6216e-06	0.0000e+00
1188	0.0000e+00	0.0000e+00	-3.6667e-03	2.1067e-07	-5.6326e-06	0.0000e+00
1189	0.0000e+00	0.0000e+00	-3.6576e-03	2.0357e-07	-5.6412e-06	0.0000e+00
1190	0.0000e+00	0.0000e+00	-3.6490e-03	1.8565e-07	-5.6493e-06	0.0000e+00
1191	0.0000e+00	0.0000e+00	-3.6415e-03	1.5222e-07	-5.6587e-06	0.0000e+00
1192	0.0000e+00	0.0000e+00	-3.6358e-03	1.0717e-07	-5.6639e-06	0.0000e+00
1193	0.0000e+00	0.0000e+00	-3.4219e-03	2.1876e-09	-7.3123e-06	0.0000e+00
1194	0.0000e+00	0.0000e+00	-3.4193e-03	1.1077e-07	-7.3037e-06	0.0000e+00
1195	0.0000e+00	0.0000e+00	-3.4127e-03	1.7917e-07	-7.3174e-06	0.0000e+00
1196	0.0000e+00	0.0000e+00	-3.4040e-03	2.1351e-07	-7.3403e-06	0.0000e+00
1197	0.0000e+00	0.0000e+00	-3.3942e-03	2.2417e-07	-7.3617e-06	0.0000e+00
1198	0.0000e+00	0.0000e+00	-3.3844e-03	2.2101e-07	-7.3759e-06	0.0000e+00
1199	0.0000e+00	0.0000e+00	-3.3749e-03	2.1085e-07	-7.3820e-06	0.0000e+00
1200	0.0000e+00	0.0000e+00	-3.3660e-03	1.9502e-07	-7.3855e-06	0.0000e+00
1201	0.0000e+00	0.0000e+00	-3.3581e-03	1.6413e-07	-7.3964e-06	0.0000e+00
1202	0.0000e+00	0.0000e+00	-3.3521e-03	1.0667e-07	-7.4041e-06	0.0000e+00
1203	0.0000e+00	0.0000e+00	-3.0707e-03	-2.4697e-09	-8.8118e-06	0.0000e+00
1204	0.0000e+00	0.0000e+00	-3.0675e-03	1.3727e-07	-8.8546e-06	0.0000e+00
1205	0.0000e+00	0.0000e+00	-3.0596e-03	2.1584e-07	-8.9105e-06	0.0000e+00
1206	0.0000e+00	0.0000e+00	-3.0493e-03	2.4638e-07	-8.9587e-06	0.0000e+00
1207	0.0000e+00	0.0000e+00	-3.0384e-03	2.4574e-07	-8.9913e-06	0.0000e+00
1208	0.0000e+00	0.0000e+00	-3.0280e-03	2.2830e-07	-9.0041e-06	0.0000e+00
1209	0.0000e+00	0.0000e+00	-3.0185e-03	2.0594e-07	-8.9962e-06	0.0000e+00
1210	0.0000e+00	0.0000e+00	-3.0099e-03	1.8811e-07	-8.9713e-06	0.0000e+00
1211	0.0000e+00	0.0000e+00	-3.0020e-03	1.7595e-07	-8.9489e-06	0.0000e+00
1212	0.0000e+00	0.0000e+00	-2.9959e-03	1.0151e-07	-8.9495e-06	0.0000e+00
1213	0.0000e+00	0.0000e+00	-2.6668e-03	7.8730e-08	-9.6932e-06	0.0000e+00
1214	0.0000e+00	0.0000e+00	-2.6591e-03	2.0904e-07	-9.8574e-06	0.0000e+00
1215	0.0000e+00	0.0000e+00	-2.6474e-03	2.7095e-07	-9.9691e-06	0.0000e+00
1216	0.0000e+00	0.0000e+00	-2.6345e-03	2.8290e-07	-1.0042e-05	0.0000e+00
1217	0.0000e+00	0.0000e+00	-2.6221e-03	2.6137e-07	-1.0080e-05	0.0000e+00
1218	0.0000e+00	0.0000e+00	-2.6113e-03	2.2058e-07	-1.0085e-05	0.0000e+00
1219	0.0000e+00	0.0000e+00	-2.6026e-03	1.7282e-07	-1.0054e-05	0.0000e+00
1220	0.0000e+00	0.0000e+00	-2.5961e-03	1.2895e-07	-9.9819e-06	0.0000e+00
1221	0.0000e+00	0.0000e+00	-2.5915e-03	9.8957e-08	-9.8568e-06	0.0000e+00
1222	0.0000e+00	0.0000e+00	-4.0857e-03	-9.6247e-08	-1.6576e-06	0.0000e+00
1223	0.0000e+00	0.0000e+00	-4.0911e-03	-1.4727e-07	-1.6794e-06	0.0000e+00
1224	0.0000e+00	0.0000e+00	-4.0976e-03	-1.4507e-07	-1.7083e-06	0.0000e+00
1225	0.0000e+00	0.0000e+00	-4.1033e-03	-1.1123e-07	-1.7248e-06	0.0000e+00
1226	0.0000e+00	0.0000e+00	-4.1072e-03	-6.2875e-08	-1.7330e-06	0.0000e+00
1227	0.0000e+00	0.0000e+00	-4.1088e-03	-9.4854e-09	-1.7360e-06	0.0000e+00
1228	0.0000e+00	0.0000e+00	-4.1080e-03	4.1942e-08	-1.7351e-06	0.0000e+00
1229	0.0000e+00	0.0000e+00	-4.1052e-03	8.4285e-08	-1.7294e-06	0.0000e+00

1230	0.0000e+00	0.0000e+00	-4.1009e-03	1.0774e-07	-1.7166e-06	0.0000e+00
1231	0.0000e+00	0.0000e+00	-4.0963e-03	9.5004e-08	-1.6928e-06	0.0000e+00
1232	0.0000e+00	0.0000e+00	-4.0936e-03	2.4257e-08	-1.6769e-06	0.0000e+00
1233	0.0000e+00	0.0000e+00	-3.9916e-03	-9.0107e-08	-2.7132e-06	0.0000e+00
1234	0.0000e+00	0.0000e+00	-3.9962e-03	-1.1853e-07	-2.7310e-06	0.0000e+00
1235	0.0000e+00	0.0000e+00	-4.0016e-03	-1.2108e-07	-2.7563e-06	0.0000e+00
1236	0.0000e+00	0.0000e+00	-4.0065e-03	-9.6701e-08	-2.7761e-06	0.0000e+00
1237	0.0000e+00	0.0000e+00	-4.0098e-03	-5.5577e-08	-2.7884e-06	0.0000e+00
1238	0.0000e+00	0.0000e+00	-4.0112e-03	-7.6878e-09	-2.7941e-06	0.0000e+00
1239	0.0000e+00	0.0000e+00	-4.0105e-03	3.8595e-08	-2.7941e-06	0.0000e+00
1240	0.0000e+00	0.0000e+00	-4.0080e-03	7.4733e-08	-2.7884e-06	0.0000e+00
1241	0.0000e+00	0.0000e+00	-4.0043e-03	9.0323e-08	-2.7769e-06	0.0000e+00
1242	0.0000e+00	0.0000e+00	-4.0005e-03	7.4645e-08	-2.7622e-06	0.0000e+00
1243	0.0000e+00	0.0000e+00	-3.9982e-03	2.8488e-08	-2.7574e-06	0.0000e+00
1244	0.0000e+00	0.0000e+00	-3.8448e-03	-7.8840e-08	-4.0864e-06	0.0000e+00
1245	0.0000e+00	0.0000e+00	-3.8487e-03	-9.8001e-08	-4.1031e-06	0.0000e+00
1246	0.0000e+00	0.0000e+00	-3.8531e-03	-1.0045e-07	-4.1218e-06	0.0000e+00
1247	0.0000e+00	0.0000e+00	-3.8572e-03	-8.0997e-08	-4.1391e-06	0.0000e+00
1248	0.0000e+00	0.0000e+00	-3.8600e-03	-4.5867e-08	-4.1525e-06	0.0000e+00
1249	0.0000e+00	0.0000e+00	-3.8611e-03	-3.7611e-09	-4.1605e-06	0.0000e+00
1250	0.0000e+00	0.0000e+00	-3.8603e-03	3.7273e-08	-4.1632e-06	0.0000e+00
1251	0.0000e+00	0.0000e+00	-3.8580e-03	6.8978e-08	-4.1619e-06	0.0000e+00
1252	0.0000e+00	0.0000e+00	-3.8546e-03	8.2057e-08	-4.1591e-06	0.0000e+00
1253	0.0000e+00	0.0000e+00	-3.8511e-03	6.9434e-08	-4.1583e-06	0.0000e+00
1254	0.0000e+00	0.0000e+00	-3.8488e-03	3.5655e-08	-4.1634e-06	0.0000e+00
1255	0.0000e+00	0.0000e+00	-3.6323e-03	-6.1274e-08	-5.7274e-06	0.0000e+00
1256	0.0000e+00	0.0000e+00	-3.6355e-03	-8.1839e-08	-5.7454e-06	0.0000e+00
1257	0.0000e+00	0.0000e+00	-3.6392e-03	-8.3866e-08	-5.7608e-06	0.0000e+00
1258	0.0000e+00	0.0000e+00	-3.6425e-03	-6.5217e-08	-5.7784e-06	0.0000e+00
1259	0.0000e+00	0.0000e+00	-3.6447e-03	-3.3790e-08	-5.7950e-06	0.0000e+00
1260	0.0000e+00	0.0000e+00	-3.6454e-03	2.9453e-09	-5.8065e-06	0.0000e+00
1261	0.0000e+00	0.0000e+00	-3.6444e-03	3.9335e-08	-5.8120e-06	0.0000e+00
1262	0.0000e+00	0.0000e+00	-3.6420e-03	6.9501e-08	-5.8142e-06	0.0000e+00
1263	0.0000e+00	0.0000e+00	-3.6385e-03	8.5246e-08	-5.8186e-06	0.0000e+00
1264	0.0000e+00	0.0000e+00	-3.6349e-03	7.7441e-08	-5.8300e-06	0.0000e+00
1265	0.0000e+00	0.0000e+00	-3.6321e-03	4.6813e-08	-5.8445e-06	0.0000e+00
1266	0.0000e+00	0.0000e+00	-3.3455e-03	-3.6044e-08	-7.4841e-06	0.0000e+00
1267	0.0000e+00	0.0000e+00	-3.3478e-03	-6.6960e-08	-7.5052e-06	0.0000e+00
1268	0.0000e+00	0.0000e+00	-3.3507e-03	-6.4616e-08	-7.5255e-06	0.0000e+00
1269	0.0000e+00	0.0000e+00	-3.3531e-03	-4.3180e-08	-7.5553e-06	0.0000e+00
1270	0.0000e+00	0.0000e+00	-3.3544e-03	-1.5899e-08	-7.5826e-06	0.0000e+00
1271	0.0000e+00	0.0000e+00	-3.3544e-03	1.3012e-08	-7.6004e-06	0.0000e+00
1272	0.0000e+00	0.0000e+00	-3.3532e-03	4.2464e-08	-7.6070e-06	0.0000e+00
1273	0.0000e+00	0.0000e+00	-3.3507e-03	7.1196e-08	-7.6059e-06	0.0000e+00
1274	0.0000e+00	0.0000e+00	-3.3471e-03	9.4355e-08	-7.6064e-06	0.0000e+00
1275	0.0000e+00	0.0000e+00	-3.3428e-03	9.7071e-08	-7.6227e-06	0.0000e+00
1276	0.0000e+00	0.0000e+00	-3.3392e-03	6.2540e-08	-7.6459e-06	0.0000e+00
1277	0.0000e+00	0.0000e+00	-2.9855e-03	-1.5971e-09	-9.0419e-06	0.0000e+00
1278	0.0000e+00	0.0000e+00	-2.9867e-03	-4.6824e-08	-9.0741e-06	0.0000e+00
1279	0.0000e+00	0.0000e+00	-2.9881e-03	-2.2771e-08	-9.1330e-06	0.0000e+00
1280	0.0000e+00	0.0000e+00	-2.9885e-03	-1.5833e-09	-9.1967e-06	0.0000e+00
1281	0.0000e+00	0.0000e+00	-2.9882e-03	1.3704e-08	-9.2446e-06	0.0000e+00
1282	0.0000e+00	0.0000e+00	-2.9873e-03	2.6686e-08	-9.2715e-06	0.0000e+00
1283	0.0000e+00	0.0000e+00	-2.9858e-03	4.1170e-08	-9.2766e-06	0.0000e+00
1284	0.0000e+00	0.0000e+00	-2.9836e-03	6.0881e-08	-9.2627e-06	0.0000e+00
1285	0.0000e+00	0.0000e+00	-2.9804e-03	8.9128e-08	-9.2372e-06	0.0000e+00
1286	0.0000e+00	0.0000e+00	-2.9758e-03	1.2209e-07	-9.2233e-06	0.0000e+00
1287	0.0000e+00	0.0000e+00	-2.9712e-03	8.2482e-08	-9.2482e-06	0.0000e+00
1288	0.0000e+00	0.0000e+00	-2.5705e-03	6.7653e-08	-9.9869e-06	0.0000e+00
1289	0.0000e+00	0.0000e+00	-2.5671e-03	7.5060e-08	-1.0149e-05	0.0000e+00
1290	0.0000e+00	0.0000e+00	-2.5637e-03	7.0199e-08	-1.0260e-05	0.0000e+00
1291	0.0000e+00	0.0000e+00	-2.5608e-03	5.8674e-08	-1.0331e-05	0.0000e+00
1292	0.0000e+00	0.0000e+00	-2.5585e-03	4.5264e-08	-1.0367e-05	0.0000e+00
1293	0.0000e+00	0.0000e+00	-2.5568e-03	3.4273e-08	-1.0371e-05	0.0000e+00
1294	0.0000e+00	0.0000e+00	-2.5556e-03	2.9954e-08	-1.0341e-05	0.0000e+00
1295	0.0000e+00	0.0000e+00	-2.5544e-03	3.6930e-08	-1.0275e-05	0.0000e+00
1296	0.0000e+00	0.0000e+00	-2.5526e-03	6.0542e-08	-1.0163e-05	0.0000e+00
1297	0.0000e+00	0.0000e+00	-4.0936e-03	-2.4256e-08	-1.6769e-06	0.0000e+00
1298	0.0000e+00	0.0000e+00	-4.0963e-03	-9.5007e-08	-1.6928e-06	0.0000e+00
1299	0.0000e+00	0.0000e+00	-4.1009e-03	-1.0775e-07	-1.7166e-06	0.0000e+00
1300	0.0000e+00	0.0000e+00	-4.1052e-03	-8.4292e-08	-1.7294e-06	0.0000e+00
1301	0.0000e+00	0.0000e+00	-4.1080e-03	-4.1949e-08	-1.7351e-06	0.0000e+00

1302	0.0000e+00	0.0000e+00	-4.1088e-03	9.4792e-09	-1.7361e-06	0.0000e+00
1303	0.0000e+00	0.0000e+00	-4.1072e-03	6.2871e-08	-1.7330e-06	0.0000e+00
1304	0.0000e+00	0.0000e+00	-4.1033e-03	1.1123e-07	-1.7248e-06	0.0000e+00
1305	0.0000e+00	0.0000e+00	-4.0976e-03	1.4507e-07	-1.7083e-06	0.0000e+00
1306	0.0000e+00	0.0000e+00	-4.0911e-03	1.4727e-07	-1.6794e-06	0.0000e+00
1307	0.0000e+00	0.0000e+00	-4.0857e-03	9.6260e-08	-1.6577e-06	0.0000e+00
1308	0.0000e+00	0.0000e+00	-3.9982e-03	-2.8489e-08	-2.7574e-06	0.0000e+00
1309	0.0000e+00	0.0000e+00	-4.0005e-03	-7.4647e-08	-2.7622e-06	0.0000e+00
1310	0.0000e+00	0.0000e+00	-4.0043e-03	-9.0327e-08	-2.7769e-06	0.0000e+00
1311	0.0000e+00	0.0000e+00	-4.0080e-03	-7.4739e-08	-2.7885e-06	0.0000e+00
1312	0.0000e+00	0.0000e+00	-4.0105e-03	-3.8601e-08	-2.7941e-06	0.0000e+00
1313	0.0000e+00	0.0000e+00	-4.0112e-03	7.6824e-09	-2.7941e-06	0.0000e+00
1314	0.0000e+00	0.0000e+00	-4.0098e-03	5.5574e-08	-2.7884e-06	0.0000e+00
1315	0.0000e+00	0.0000e+00	-4.0065e-03	9.6699e-08	-2.7761e-06	0.0000e+00
1316	0.0000e+00	0.0000e+00	-4.0016e-03	1.2108e-07	-2.7563e-06	0.0000e+00
1317	0.0000e+00	0.0000e+00	-3.9962e-03	1.1854e-07	-2.7310e-06	0.0000e+00
1318	0.0000e+00	0.0000e+00	-3.9916e-03	9.0118e-08	-2.7132e-06	0.0000e+00
1319	0.0000e+00	0.0000e+00	-3.8488e-03	-3.5655e-08	-4.1634e-06	0.0000e+00
1320	0.0000e+00	0.0000e+00	-3.8511e-03	-6.9436e-08	-4.1583e-06	0.0000e+00
1321	0.0000e+00	0.0000e+00	-3.8546e-03	-8.2062e-08	-4.1591e-06	0.0000e+00
1322	0.0000e+00	0.0000e+00	-3.8580e-03	-6.8984e-08	-4.1619e-06	0.0000e+00
1323	0.0000e+00	0.0000e+00	-3.8603e-03	-3.7279e-08	-4.1632e-06	0.0000e+00
1324	0.0000e+00	0.0000e+00	-3.8611e-03	3.7561e-09	-4.1605e-06	0.0000e+00
1325	0.0000e+00	0.0000e+00	-3.8600e-03	4.5864e-08	-4.1525e-06	0.0000e+00
1326	0.0000e+00	0.0000e+00	-3.8572e-03	8.0996e-08	-4.1391e-06	0.0000e+00
1327	0.0000e+00	0.0000e+00	-3.8531e-03	1.0046e-07	-4.1218e-06	0.0000e+00
1328	0.0000e+00	0.0000e+00	-3.8487e-03	9.8007e-08	-4.1031e-06	0.0000e+00
1329	0.0000e+00	0.0000e+00	-3.8448e-03	7.8851e-08	-4.0864e-06	0.0000e+00
1330	0.0000e+00	0.0000e+00	-3.6321e-03	-4.6814e-08	-5.8445e-06	0.0000e+00
1331	0.0000e+00	0.0000e+00	-3.6349e-03	-7.7444e-08	-5.8300e-06	0.0000e+00
1332	0.0000e+00	0.0000e+00	-3.6385e-03	-8.5251e-08	-5.8186e-06	0.0000e+00
1333	0.0000e+00	0.0000e+00	-3.6420e-03	-6.9507e-08	-5.8142e-06	0.0000e+00
1334	0.0000e+00	0.0000e+00	-3.6444e-03	-3.9341e-08	-5.8120e-06	0.0000e+00
1335	0.0000e+00	0.0000e+00	-3.6454e-03	-2.9507e-09	-5.8065e-06	0.0000e+00
1336	0.0000e+00	0.0000e+00	-3.6447e-03	3.3786e-08	-5.7950e-06	0.0000e+00
1337	0.0000e+00	0.0000e+00	-3.6425e-03	6.5217e-08	-5.7784e-06	0.0000e+00
1338	0.0000e+00	0.0000e+00	-3.6392e-03	8.3869e-08	-5.7608e-06	0.0000e+00
1339	0.0000e+00	0.0000e+00	-3.6355e-03	8.1846e-08	-5.7454e-06	0.0000e+00
1340	0.0000e+00	0.0000e+00	-3.6323e-03	6.1284e-08	-5.7274e-06	0.0000e+00
1341	0.0000e+00	0.0000e+00	-3.3392e-03	-6.2540e-08	-7.6460e-06	0.0000e+00
1342	0.0000e+00	0.0000e+00	-3.3428e-03	-9.7075e-08	-7.6227e-06	0.0000e+00
1343	0.0000e+00	0.0000e+00	-3.3471e-03	-9.4361e-08	-7.6064e-06	0.0000e+00
1344	0.0000e+00	0.0000e+00	-3.3507e-03	-7.1203e-08	-7.6059e-06	0.0000e+00
1345	0.0000e+00	0.0000e+00	-3.3532e-03	-4.2472e-08	-7.6070e-06	0.0000e+00
1346	0.0000e+00	0.0000e+00	-3.3544e-03	-1.3018e-08	-7.6004e-06	0.0000e+00
1347	0.0000e+00	0.0000e+00	-3.3544e-03	1.5895e-08	-7.5827e-06	0.0000e+00
1348	0.0000e+00	0.0000e+00	-3.3531e-03	4.3178e-08	-7.5553e-06	0.0000e+00
1349	0.0000e+00	0.0000e+00	-3.3507e-03	6.4618e-08	-7.5255e-06	0.0000e+00
1350	0.0000e+00	0.0000e+00	-3.3478e-03	6.6967e-08	-7.5052e-06	0.0000e+00
1351	0.0000e+00	0.0000e+00	-3.3455e-03	3.6055e-08	-7.4841e-06	0.0000e+00
1352	0.0000e+00	0.0000e+00	-2.9712e-03	-8.2481e-08	-9.2483e-06	0.0000e+00
1353	0.0000e+00	0.0000e+00	-2.9758e-03	-1.2209e-07	-9.2233e-06	0.0000e+00
1354	0.0000e+00	0.0000e+00	-2.9804e-03	-8.9136e-08	-9.2372e-06	0.0000e+00
1355	0.0000e+00	0.0000e+00	-2.9836e-03	-6.0890e-08	-9.2627e-06	0.0000e+00
1356	0.0000e+00	0.0000e+00	-2.9858e-03	-4.1179e-08	-9.2767e-06	0.0000e+00
1357	0.0000e+00	0.0000e+00	-2.9873e-03	-2.6694e-08	-9.2715e-06	0.0000e+00
1358	0.0000e+00	0.0000e+00	-2.9882e-03	-1.3710e-08	-9.2446e-06	0.0000e+00
1359	0.0000e+00	0.0000e+00	-2.9885e-03	1.5799e-09	-9.1967e-06	0.0000e+00
1360	0.0000e+00	0.0000e+00	-2.9881e-03	2.2772e-08	-9.1330e-06	0.0000e+00
1361	0.0000e+00	0.0000e+00	-2.9867e-03	4.6829e-08	-9.0741e-06	0.0000e+00
1362	0.0000e+00	0.0000e+00	-2.9855e-03	1.6069e-09	-9.0419e-06	0.0000e+00
1363	0.0000e+00	0.0000e+00	-2.5526e-03	-6.0546e-08	-1.0163e-05	0.0000e+00
1364	0.0000e+00	0.0000e+00	-2.5544e-03	-3.6939e-08	-1.0275e-05	0.0000e+00
1365	0.0000e+00	0.0000e+00	-2.5556e-03	-2.9964e-08	-1.0341e-05	0.0000e+00
1366	0.0000e+00	0.0000e+00	-2.5568e-03	-3.4284e-08	-1.0371e-05	0.0000e+00
1367	0.0000e+00	0.0000e+00	-2.5585e-03	-4.5274e-08	-1.0367e-05	0.0000e+00
1368	0.0000e+00	0.0000e+00	-2.5608e-03	-5.8682e-08	-1.0331e-05	0.0000e+00
1369	0.0000e+00	0.0000e+00	-2.5637e-03	-7.0205e-08	-1.0260e-05	0.0000e+00
1370	0.0000e+00	0.0000e+00	-2.5671e-03	-7.5062e-08	-1.0149e-05	0.0000e+00
1371	0.0000e+00	0.0000e+00	-2.5705e-03	-6.7651e-08	-9.9869e-06	0.0000e+00
1372	0.0000e+00	0.0000e+00	-4.0840e-03	-9.9586e-08	-1.6397e-06	0.0000e+00
1373	0.0000e+00	0.0000e+00	-4.0901e-03	-1.7177e-07	-1.6532e-06	0.0000e+00

1374	0.0000e+00	0.0000e+00	-4.0983e-03	-2.0017e-07	-1.6742e-06	0.0000e+00
1375	0.0000e+00	0.0000e+00	-4.1073e-03	-2.0504e-07	-1.6836e-06	0.0000e+00
1376	0.0000e+00	0.0000e+00	-4.1162e-03	-2.0138e-07	-1.6864e-06	0.0000e+00
1377	0.0000e+00	0.0000e+00	-4.1250e-03	-1.9449e-07	-1.6864e-06	0.0000e+00
1378	0.0000e+00	0.0000e+00	-4.1333e-03	-1.8402e-07	-1.6860e-06	0.0000e+00
1379	0.0000e+00	0.0000e+00	-4.1410e-03	-1.6542e-07	-1.6855e-06	0.0000e+00
1380	0.0000e+00	0.0000e+00	-4.1476e-03	-1.3155e-07	-1.6827e-06	0.0000e+00
1381	0.0000e+00	0.0000e+00	-4.1523e-03	-7.7705e-08	-1.6739e-06	0.0000e+00
1382	0.0000e+00	0.0000e+00	-4.1541e-03	7.1784e-09	-1.6879e-06	0.0000e+00
1383	0.0000e+00	0.0000e+00	-3.9910e-03	-1.0296e-07	-2.6826e-06	0.0000e+00
1384	0.0000e+00	0.0000e+00	-3.9967e-03	-1.5323e-07	-2.6882e-06	0.0000e+00
1385	0.0000e+00	0.0000e+00	-4.0042e-03	-1.8599e-07	-2.7007e-06	0.0000e+00
1386	0.0000e+00	0.0000e+00	-4.0128e-03	-1.9919e-07	-2.7084e-06	0.0000e+00
1387	0.0000e+00	0.0000e+00	-4.0216e-03	-2.0064e-07	-2.7101e-06	0.0000e+00
1388	0.0000e+00	0.0000e+00	-4.0303e-03	-1.9590e-07	-2.7082e-06	0.0000e+00
1389	0.0000e+00	0.0000e+00	-4.0388e-03	-1.8598e-07	-2.7051e-06	0.0000e+00
1390	0.0000e+00	0.0000e+00	-4.0466e-03	-1.6790e-07	-2.7023e-06	0.0000e+00
1391	0.0000e+00	0.0000e+00	-4.0533e-03	-1.3534e-07	-2.7011e-06	0.0000e+00
1392	0.0000e+00	0.0000e+00	-4.0580e-03	-7.5034e-08	-2.7063e-06	0.0000e+00
1393	0.0000e+00	0.0000e+00	-4.0588e-03	4.8904e-08	-2.7339e-06	0.0000e+00
1394	0.0000e+00	0.0000e+00	-3.8459e-03	-1.0558e-07	-4.0401e-06	0.0000e+00
1395	0.0000e+00	0.0000e+00	-3.8515e-03	-1.4771e-07	-4.0395e-06	0.0000e+00
1396	0.0000e+00	0.0000e+00	-3.8587e-03	-1.8062e-07	-4.0398e-06	0.0000e+00
1397	0.0000e+00	0.0000e+00	-3.8671e-03	-1.9792e-07	-4.0387e-06	0.0000e+00
1398	0.0000e+00	0.0000e+00	-3.8760e-03	-2.0318e-07	-4.0348e-06	0.0000e+00
1399	0.0000e+00	0.0000e+00	-3.8849e-03	-2.0038e-07	-4.0287e-06	0.0000e+00
1400	0.0000e+00	0.0000e+00	-3.8935e-03	-1.9004e-07	-4.0223e-06	0.0000e+00
1401	0.0000e+00	0.0000e+00	-3.9015e-03	-1.6893e-07	-4.0190e-06	0.0000e+00
1402	0.0000e+00	0.0000e+00	-3.9081e-03	-1.2948e-07	-4.0234e-06	0.0000e+00
1403	0.0000e+00	0.0000e+00	-3.9123e-03	-5.4803e-08	-4.0408e-06	0.0000e+00
1404	0.0000e+00	0.0000e+00	-3.9117e-03	9.2101e-08	-4.0750e-06	0.0000e+00
1405	0.0000e+00	0.0000e+00	-3.6358e-03	-1.0719e-07	-5.6639e-06	0.0000e+00
1406	0.0000e+00	0.0000e+00	-3.6415e-03	-1.5226e-07	-5.6587e-06	0.0000e+00
1407	0.0000e+00	0.0000e+00	-3.6490e-03	-1.8571e-07	-5.6493e-06	0.0000e+00
1408	0.0000e+00	0.0000e+00	-3.6576e-03	-2.0365e-07	-5.6411e-06	0.0000e+00
1409	0.0000e+00	0.0000e+00	-3.6667e-03	-2.1077e-07	-5.6325e-06	0.0000e+00
1410	0.0000e+00	0.0000e+00	-3.6760e-03	-2.0945e-07	-5.6214e-06	0.0000e+00
1411	0.0000e+00	0.0000e+00	-3.6850e-03	-1.9760e-07	-5.6093e-06	0.0000e+00
1412	0.0000e+00	0.0000e+00	-3.6932e-03	-1.6968e-07	-5.6012e-06	0.0000e+00
1413	0.0000e+00	0.0000e+00	-3.6996e-03	-1.1748e-07	-5.6046e-06	0.0000e+00
1414	0.0000e+00	0.0000e+00	-3.7029e-03	-2.7348e-08	-5.6249e-06	0.0000e+00
1415	0.0000e+00	0.0000e+00	-3.7009e-03	1.3095e-07	-5.6570e-06	0.0000e+00
1416	0.0000e+00	0.0000e+00	-3.3521e-03	-1.0671e-07	-7.4041e-06	0.0000e+00
1417	0.0000e+00	0.0000e+00	-3.3581e-03	-1.6419e-07	-7.3963e-06	0.0000e+00
1418	0.0000e+00	0.0000e+00	-3.3660e-03	-1.9511e-07	-7.3854e-06	0.0000e+00
1419	0.0000e+00	0.0000e+00	-3.3749e-03	-2.1096e-07	-7.3819e-06	0.0000e+00
1420	0.0000e+00	0.0000e+00	-3.3844e-03	-2.2114e-07	-7.3757e-06	0.0000e+00
1421	0.0000e+00	0.0000e+00	-3.3943e-03	-2.2433e-07	-7.3615e-06	0.0000e+00
1422	0.0000e+00	0.0000e+00	-3.4040e-03	-2.1367e-07	-7.3401e-06	0.0000e+00
1423	0.0000e+00	0.0000e+00	-3.4128e-03	-1.7934e-07	-7.3171e-06	0.0000e+00
1424	0.0000e+00	0.0000e+00	-3.4193e-03	-1.1092e-07	-7.3033e-06	0.0000e+00
1425	0.0000e+00	0.0000e+00	-3.4220e-03	-2.2968e-09	-7.3119e-06	0.0000e+00
1426	0.0000e+00	0.0000e+00	-3.4189e-03	1.5686e-07	-7.3316e-06	0.0000e+00
1427	0.0000e+00	0.0000e+00	-2.9959e-03	-1.0156e-07	-8.9495e-06	0.0000e+00
1428	0.0000e+00	0.0000e+00	-3.0021e-03	-1.7603e-07	-8.9488e-06	0.0000e+00
1429	0.0000e+00	0.0000e+00	-3.0099e-03	-1.8822e-07	-8.9712e-06	0.0000e+00
1430	0.0000e+00	0.0000e+00	-3.0185e-03	-2.0608e-07	-8.9961e-06	0.0000e+00
1431	0.0000e+00	0.0000e+00	-3.0280e-03	-2.2847e-07	-9.0040e-06	0.0000e+00
1432	0.0000e+00	0.0000e+00	-3.0384e-03	-2.4593e-07	-8.9911e-06	0.0000e+00
1433	0.0000e+00	0.0000e+00	-3.0493e-03	-2.4659e-07	-8.9585e-06	0.0000e+00
1434	0.0000e+00	0.0000e+00	-3.0596e-03	-2.1606e-07	-8.9102e-06	0.0000e+00
1435	0.0000e+00	0.0000e+00	-3.0676e-03	-1.3747e-07	-8.8542e-06	0.0000e+00
1436	0.0000e+00	0.0000e+00	-3.0708e-03	2.3149e-09	-8.8114e-06	0.0000e+00
1437	0.0000e+00	0.0000e+00	-3.0675e-03	1.5356e-07	-8.7987e-06	0.0000e+00
1438	0.0000e+00	0.0000e+00	-2.5915e-03	-9.9068e-08	-9.8567e-06	0.0000e+00
1439	0.0000e+00	0.0000e+00	-2.5962e-03	-1.2910e-07	-9.9817e-06	0.0000e+00
1440	0.0000e+00	0.0000e+00	-2.6026e-03	-1.7300e-07	-1.0054e-05	0.0000e+00
1441	0.0000e+00	0.0000e+00	-2.6113e-03	-2.2079e-07	-1.0085e-05	0.0000e+00
1442	0.0000e+00	0.0000e+00	-2.6221e-03	-2.6160e-07	-1.0080e-05	0.0000e+00
1443	0.0000e+00	0.0000e+00	-2.6346e-03	-2.8315e-07	-1.0041e-05	0.0000e+00
1444	0.0000e+00	0.0000e+00	-2.6475e-03	-2.7120e-07	-9.9688e-06	0.0000e+00
1445	0.0000e+00	0.0000e+00	-2.6591e-03	-2.0927e-07	-9.8570e-06	0.0000e+00



1446	0.0000e+00	0.0000e+00	-2.6669e-03	-7.8906e-08	-9.6928e-06	0.0000e+00
1447	0.0000e+00	0.0000e+00	-4.1507e-03	1.8533e-07	-1.7426e-06	0.0000e+00
1448	0.0000e+00	0.0000e+00	-4.1361e-03	5.6820e-07	-1.8005e-06	0.0000e+00
1449	0.0000e+00	0.0000e+00	-4.1020e-03	1.1668e-06	-1.8449e-06	0.0000e+00
1450	0.0000e+00	0.0000e+00	-4.0394e-03	1.9925e-06	-1.8732e-06	0.0000e+00
1451	0.0000e+00	0.0000e+00	-3.9392e-03	3.0472e-06	-1.8821e-06	0.0000e+00
1452	0.0000e+00	0.0000e+00	-3.7927e-03	4.3055e-06	-1.8681e-06	0.0000e+00
1453	0.0000e+00	0.0000e+00	-3.5930e-03	5.6934e-06	-1.8282e-06	0.0000e+00
1454	0.0000e+00	0.0000e+00	-3.3377e-03	7.0615e-06	-1.7594e-06	0.0000e+00
1455	0.0000e+00	0.0000e+00	-3.0325e-03	8.1514e-06	-1.6562e-06	0.0000e+00
1456	0.0000e+00	0.0000e+00	-2.6953e-03	8.6216e-06	-1.5912e-06	0.0000e+00
1457	0.0000e+00	0.0000e+00	-4.0532e-03	2.5199e-07	-2.7845e-06	0.0000e+00
1458	0.0000e+00	0.0000e+00	-4.0361e-03	6.2842e-07	-2.8426e-06	0.0000e+00
1459	0.0000e+00	0.0000e+00	-3.9999e-03	1.2090e-06	-2.8898e-06	0.0000e+00
1460	0.0000e+00	0.0000e+00	-3.9362e-03	2.0100e-06	-2.9146e-06	0.0000e+00
1461	0.0000e+00	0.0000e+00	-3.8359e-03	3.0336e-06	-2.9073e-06	0.0000e+00
1462	0.0000e+00	0.0000e+00	-3.6907e-03	4.2555e-06	-2.8594e-06	0.0000e+00
1463	0.0000e+00	0.0000e+00	-3.4938e-03	5.6047e-06	-2.7667e-06	0.0000e+00
1464	0.0000e+00	0.0000e+00	-3.2429e-03	6.9359e-06	-2.6315e-06	0.0000e+00
1465	0.0000e+00	0.0000e+00	-2.9433e-03	8.0058e-06	-2.4633e-06	0.0000e+00
1466	0.0000e+00	0.0000e+00	-2.6121e-03	8.4637e-06	-2.2858e-06	0.0000e+00
1467	0.0000e+00	0.0000e+00	-3.9041e-03	3.0963e-07	-4.1190e-06	0.0000e+00
1468	0.0000e+00	0.0000e+00	-3.8847e-03	6.8308e-07	-4.1663e-06	0.0000e+00
1469	0.0000e+00	0.0000e+00	-3.8467e-03	1.2442e-06	-4.2027e-06	0.0000e+00
1470	0.0000e+00	0.0000e+00	-3.7822e-03	2.0105e-06	-4.2115e-06	0.0000e+00
1471	0.0000e+00	0.0000e+00	-3.6829e-03	2.9849e-06	-4.1745e-06	0.0000e+00
1472	0.0000e+00	0.0000e+00	-3.5409e-03	4.1469e-06	-4.0752e-06	0.0000e+00
1473	0.0000e+00	0.0000e+00	-3.3497e-03	5.4339e-06	-3.9036e-06	0.0000e+00
1474	0.0000e+00	0.0000e+00	-3.1068e-03	6.7127e-06	-3.6625e-06	0.0000e+00
1475	0.0000e+00	0.0000e+00	-2.8169e-03	7.7444e-06	-3.3668e-06	0.0000e+00
1476	0.0000e+00	0.0000e+00	-2.4975e-03	8.1390e-06	-3.0270e-06	0.0000e+00
1477	0.0000e+00	0.0000e+00	-3.6916e-03	3.5346e-07	-5.6887e-06	0.0000e+00
1478	0.0000e+00	0.0000e+00	-3.6706e-03	7.2218e-07	-5.7189e-06	0.0000e+00
1479	0.0000e+00	0.0000e+00	-3.6314e-03	1.2616e-06	-5.7378e-06	0.0000e+00
1480	0.0000e+00	0.0000e+00	-3.5670e-03	1.9829e-06	-5.7237e-06	0.0000e+00
1481	0.0000e+00	0.0000e+00	-3.4702e-03	2.8870e-06	-5.6487e-06	0.0000e+00
1482	0.0000e+00	0.0000e+00	-3.3339e-03	3.9574e-06	-5.4846e-06	0.0000e+00
1483	0.0000e+00	0.0000e+00	-3.1523e-03	5.1434e-06	-5.2102e-06	0.0000e+00
1484	0.0000e+00	0.0000e+00	-2.9230e-03	6.3317e-06	-4.8209e-06	0.0000e+00
1485	0.0000e+00	0.0000e+00	-2.6499e-03	7.2988e-06	-4.3400e-06	0.0000e+00
1486	0.0000e+00	0.0000e+00	-2.3495e-03	7.6289e-06	-3.7894e-06	0.0000e+00
1487	0.0000e+00	0.0000e+00	-3.4086e-03	3.7532e-07	-7.3405e-06	0.0000e+00
1488	0.0000e+00	0.0000e+00	-3.3868e-03	7.4077e-07	-7.3479e-06	0.0000e+00
1489	0.0000e+00	0.0000e+00	-3.3472e-03	1.2573e-06	-7.3479e-06	0.0000e+00
1490	0.0000e+00	0.0000e+00	-3.2841e-03	1.9224e-06	-7.3084e-06	0.0000e+00
1491	0.0000e+00	0.0000e+00	-3.1915e-03	2.7330e-06	-7.1924e-06	0.0000e+00
1492	0.0000e+00	0.0000e+00	-3.0638e-03	3.6746e-06	-6.9610e-06	0.0000e+00
1493	0.0000e+00	0.0000e+00	-2.8965e-03	4.7078e-06	-6.5789e-06	0.0000e+00
1494	0.0000e+00	0.0000e+00	-2.6876e-03	5.7468e-06	-6.0256e-06	0.0000e+00
1495	0.0000e+00	0.0000e+00	-2.4401e-03	6.6121e-06	-5.3261e-06	0.0000e+00
1496	0.0000e+00	0.0000e+00	-2.1679e-03	6.9155e-06	-4.5264e-06	0.0000e+00
1497	0.0000e+00	0.0000e+00	-3.0575e-03	3.6070e-07	-8.7778e-06	0.0000e+00
1498	0.0000e+00	0.0000e+00	-3.0357e-03	7.3880e-07	-8.7729e-06	0.0000e+00
1499	0.0000e+00	0.0000e+00	-2.9966e-03	1.2273e-06	-8.7560e-06	0.0000e+00
1500	0.0000e+00	0.0000e+00	-2.9360e-03	1.8227e-06	-8.6834e-06	0.0000e+00
1501	0.0000e+00	0.0000e+00	-2.8494e-03	2.5210e-06	-8.5189e-06	0.0000e+00
1502	0.0000e+00	0.0000e+00	-2.7333e-03	3.3057e-06	-8.2237e-06	0.0000e+00
1503	0.0000e+00	0.0000e+00	-2.5846e-03	4.1417e-06	-7.7564e-06	0.0000e+00
1504	0.0000e+00	0.0000e+00	-2.4025e-03	4.9680e-06	-7.0816e-06	0.0000e+00
1505	0.0000e+00	0.0000e+00	-2.1895e-03	5.6727e-06	-6.2072e-06	0.0000e+00
1506	0.0000e+00	0.0000e+00	-1.9550e-03	5.9991e-06	-5.1748e-06	0.0000e+00
1507	0.0000e+00	0.0000e+00	-2.6573e-03	4.1698e-07	-9.5596e-06	0.0000e+00
1508	0.0000e+00	0.0000e+00	-2.6349e-03	7.6412e-07	-9.5854e-06	0.0000e+00
1509	0.0000e+00	0.0000e+00	-2.5973e-03	1.1860e-06	-9.5307e-06	0.0000e+00
1510	0.0000e+00	0.0000e+00	-2.5412e-03	1.6837e-06	-9.3851e-06	0.0000e+00
1511	0.0000e+00	0.0000e+00	-2.4637e-03	2.2483e-06	-9.1314e-06	0.0000e+00
1512	0.0000e+00	0.0000e+00	-2.3622e-03	2.8589e-06	-8.7484e-06	0.0000e+00
1513	0.0000e+00	0.0000e+00	-2.2352e-03	3.4806e-06	-8.2158e-06	0.0000e+00
1514	0.0000e+00	0.0000e+00	-2.0832e-03	4.0653e-06	-7.5202e-06	0.0000e+00
1515	0.0000e+00	0.0000e+00	-1.9085e-03	4.5561e-06	-6.6681e-06	0.0000e+00
1516	0.0000e+00	0.0000e+00	-4.0819e-03	1.4224e-08	-1.6579e-06	0.0000e+00
1517	0.0000e+00	0.0000e+00	-4.0821e-03	-1.7032e-08	-1.6810e-06	0.0000e+00

1518	0.0000e+00	0.0000e+00	-4.0828e-03	-1.5675e-08	-1.6932e-06	0.0000e+00
1519	0.0000e+00	0.0000e+00	-4.0831e-03	-3.2630e-09	-1.6956e-06	0.0000e+00
1520	0.0000e+00	0.0000e+00	-4.0831e-03	1.9057e-09	-1.6881e-06	0.0000e+00
1521	0.0000e+00	0.0000e+00	-4.0834e-03	-2.2046e-08	-1.6696e-06	0.0000e+00
1522	0.0000e+00	0.0000e+00	-3.9883e-03	3.7128e-08	-2.6923e-06	0.0000e+00
1523	0.0000e+00	0.0000e+00	-3.9876e-03	1.7064e-09	-2.7080e-06	0.0000e+00
1524	0.0000e+00	0.0000e+00	-3.9878e-03	-7.1628e-09	-2.7192e-06	0.0000e+00
1525	0.0000e+00	0.0000e+00	-3.9880e-03	-5.0673e-09	-2.7231e-06	0.0000e+00
1526	0.0000e+00	0.0000e+00	-3.9883e-03	-9.9810e-09	-2.7200e-06	0.0000e+00
1527	0.0000e+00	0.0000e+00	-3.9891e-03	-3.7307e-08	-2.7129e-06	0.0000e+00
1528	0.0000e+00	0.0000e+00	-3.8429e-03	4.7680e-08	-4.0436e-06	0.0000e+00
1529	0.0000e+00	0.0000e+00	-3.8418e-03	1.2979e-08	-4.0495e-06	0.0000e+00
1530	0.0000e+00	0.0000e+00	-3.8415e-03	5.0567e-10	-4.0559e-06	0.0000e+00
1531	0.0000e+00	0.0000e+00	-3.8416e-03	-1.8865e-09	-4.0620e-06	0.0000e+00
1532	0.0000e+00	0.0000e+00	-3.8417e-03	-9.9116e-09	-4.0680e-06	0.0000e+00
1533	0.0000e+00	0.0000e+00	-3.8426e-03	-3.5443e-08	-4.0754e-06	0.0000e+00
1534	0.0000e+00	0.0000e+00	-3.6327e-03	4.8383e-08	-5.6616e-06	0.0000e+00
1535	0.0000e+00	0.0000e+00	-3.6315e-03	1.5686e-08	-5.6587e-06	0.0000e+00
1536	0.0000e+00	0.0000e+00	-3.6312e-03	6.6003e-09	-5.6608e-06	0.0000e+00
1537	0.0000e+00	0.0000e+00	-3.6309e-03	7.8868e-09	-5.6693e-06	0.0000e+00
1538	0.0000e+00	0.0000e+00	-3.6306e-03	3.8859e-09	-5.6844e-06	0.0000e+00
1539	0.0000e+00	0.0000e+00	-3.6308e-03	-1.8466e-08	-5.7055e-06	0.0000e+00
1540	0.0000e+00	0.0000e+00	-3.3492e-03	3.9155e-08	-7.3947e-06	0.0000e+00
1541	0.0000e+00	0.0000e+00	-3.3483e-03	1.2609e-08	-7.3861e-06	0.0000e+00
1542	0.0000e+00	0.0000e+00	-3.3478e-03	1.2927e-08	-7.3897e-06	0.0000e+00
1543	0.0000e+00	0.0000e+00	-3.3471e-03	2.2647e-08	-7.4005e-06	0.0000e+00
1544	0.0000e+00	0.0000e+00	-3.3461e-03	2.8804e-08	-7.4188e-06	0.0000e+00
1545	0.0000e+00	0.0000e+00	-3.3451e-03	1.3905e-08	-7.4504e-06	0.0000e+00
1546	0.0000e+00	0.0000e+00	-2.9935e-03	2.0592e-08	-8.9386e-06	0.0000e+00
1547	0.0000e+00	0.0000e+00	-2.9926e-03	1.8566e-08	-8.9502e-06	0.0000e+00
1548	0.0000e+00	0.0000e+00	-2.9917e-03	2.5672e-08	-8.9718e-06	0.0000e+00
1549	0.0000e+00	0.0000e+00	-2.9905e-03	3.5196e-08	-8.9843e-06	0.0000e+00
1550	0.0000e+00	0.0000e+00	-2.9889e-03	4.9034e-08	-8.9880e-06	0.0000e+00
1551	0.0000e+00	0.0000e+00	-2.9868e-03	6.0241e-08	-9.0030e-06	0.0000e+00
1552	0.0000e+00	0.0000e+00	-2.5839e-03	8.7586e-08	-9.8248e-06	0.0000e+00
1553	0.0000e+00	0.0000e+00	-2.5805e-03	7.4004e-08	-9.9280e-06	0.0000e+00
1554	0.0000e+00	0.0000e+00	-2.5779e-03	5.5068e-08	-9.9833e-06	0.0000e+00
1555	0.0000e+00	0.0000e+00	-2.5761e-03	3.6909e-08	-9.9964e-06	0.0000e+00
1556	0.0000e+00	0.0000e+00	-2.5751e-03	2.5200e-08	-9.9677e-06	0.0000e+00
1557	0.0000e+00	0.0000e+00	-2.5743e-03	2.5781e-08	-9.8914e-06	0.0000e+00
1558	0.0000e+00	0.0000e+00	-4.0834e-03	2.2062e-08	-1.6696e-06	0.0000e+00
1559	0.0000e+00	0.0000e+00	-4.0831e-03	-1.8890e-09	-1.6881e-06	0.0000e+00
1560	0.0000e+00	0.0000e+00	-4.0831e-03	3.2806e-09	-1.6956e-06	0.0000e+00
1561	0.0000e+00	0.0000e+00	-4.0828e-03	1.5693e-08	-1.6932e-06	0.0000e+00
1562	0.0000e+00	0.0000e+00	-4.0821e-03	1.7049e-08	-1.6810e-06	0.0000e+00
1563	0.0000e+00	0.0000e+00	-4.0819e-03	-1.4211e-08	-1.6579e-06	0.0000e+00
1564	0.0000e+00	0.0000e+00	-3.9891e-03	3.7321e-08	-2.7129e-06	0.0000e+00
1565	0.0000e+00	0.0000e+00	-3.9883e-03	9.9966e-09	-2.7200e-06	0.0000e+00
1566	0.0000e+00	0.0000e+00	-3.9880e-03	5.0832e-09	-2.7232e-06	0.0000e+00
1567	0.0000e+00	0.0000e+00	-3.9878e-03	7.1778e-09	-2.7192e-06	0.0000e+00
1568	0.0000e+00	0.0000e+00	-3.9876e-03	-1.6940e-09	-2.7080e-06	0.0000e+00
1569	0.0000e+00	0.0000e+00	-3.9883e-03	-3.7120e-08	-2.6923e-06	0.0000e+00
1570	0.0000e+00	0.0000e+00	-3.8426e-03	3.5456e-08	-4.0754e-06	0.0000e+00
1571	0.0000e+00	0.0000e+00	-3.8417e-03	9.9263e-09	-4.0680e-06	0.0000e+00
1572	0.0000e+00	0.0000e+00	-3.8416e-03	1.9009e-09	-4.0620e-06	0.0000e+00
1573	0.0000e+00	0.0000e+00	-3.8415e-03	-4.9357e-10	-4.0559e-06	0.0000e+00
1574	0.0000e+00	0.0000e+00	-3.8417e-03	-1.2971e-08	-4.0495e-06	0.0000e+00
1575	0.0000e+00	0.0000e+00	-3.8429e-03	-4.7680e-08	-4.0436e-06	0.0000e+00
1576	0.0000e+00	0.0000e+00	-3.6308e-03	1.8479e-08	-5.7055e-06	0.0000e+00
1577	0.0000e+00	0.0000e+00	-3.6306e-03	-3.8722e-09	-5.6844e-06	0.0000e+00
1578	0.0000e+00	0.0000e+00	-3.6309e-03	-7.8743e-09	-5.6693e-06	0.0000e+00
1579	0.0000e+00	0.0000e+00	-3.6311e-03	-6.5915e-09	-5.6608e-06	0.0000e+00
1580	0.0000e+00	0.0000e+00	-3.6315e-03	-1.5684e-08	-5.6587e-06	0.0000e+00
1581	0.0000e+00	0.0000e+00	-3.6327e-03	-4.8391e-08	-5.6616e-06	0.0000e+00
1582	0.0000e+00	0.0000e+00	-3.3451e-03	-1.3893e-08	-7.4504e-06	0.0000e+00
1583	0.0000e+00	0.0000e+00	-3.3461e-03	-2.8791e-08	-7.4188e-06	0.0000e+00
1584	0.0000e+00	0.0000e+00	-3.3471e-03	-2.2637e-08	-7.4005e-06	0.0000e+00
1585	0.0000e+00	0.0000e+00	-3.3478e-03	-1.2923e-08	-7.3897e-06	0.0000e+00
1586	0.0000e+00	0.0000e+00	-3.3483e-03	-1.2614e-08	-7.3861e-06	0.0000e+00
1587	0.0000e+00	0.0000e+00	-3.3492e-03	-3.9173e-08	-7.3947e-06	0.0000e+00
1588	0.0000e+00	0.0000e+00	-2.9868e-03	-6.0230e-08	-9.0030e-06	0.0000e+00
1589	0.0000e+00	0.0000e+00	-2.9889e-03	-4.9024e-08	-8.9880e-06	0.0000e+00

1590	0.0000e+00	0.0000e+00	-2.9905e-03	-3.5189e-08	-8.9843e-06	0.0000e+00
1591	0.0000e+00	0.0000e+00	-2.9917e-03	-2.5673e-08	-8.9718e-06	0.0000e+00
1592	0.0000e+00	0.0000e+00	-2.9926e-03	-1.8579e-08	-8.9502e-06	0.0000e+00
1593	0.0000e+00	0.0000e+00	-2.9935e-03	-2.0622e-08	-8.9386e-06	0.0000e+00
1594	0.0000e+00	0.0000e+00	-2.5743e-03	-2.5773e-08	-9.8914e-06	0.0000e+00
1595	0.0000e+00	0.0000e+00	-2.5751e-03	-2.5194e-08	-9.9677e-06	0.0000e+00
1596	0.0000e+00	0.0000e+00	-2.5761e-03	-3.6909e-08	-9.9964e-06	0.0000e+00
1597	0.0000e+00	0.0000e+00	-2.5779e-03	-5.5079e-08	-9.9832e-06	0.0000e+00
1598	0.0000e+00	0.0000e+00	-2.5805e-03	-7.4030e-08	-9.9280e-06	0.0000e+00
1599	0.0000e+00	0.0000e+00	-2.5839e-03	-8.7633e-08	-9.8248e-06	0.0000e+00
1600	0.0000e+00	0.0000e+00	-4.0942e-03	-4.6646e-08	-1.6989e-06	0.0000e+00
1601	0.0000e+00	0.0000e+00	-4.0966e-03	-5.8444e-08	-1.7279e-06	0.0000e+00
1602	0.0000e+00	0.0000e+00	-4.0987e-03	-3.4608e-08	-1.7451e-06	0.0000e+00
1603	0.0000e+00	0.0000e+00	-4.0994e-03	4.6493e-09	-1.7529e-06	0.0000e+00
1604	0.0000e+00	0.0000e+00	-4.0983e-03	4.4873e-08	-1.7523e-06	0.0000e+00
1605	0.0000e+00	0.0000e+00	-4.0957e-03	7.1630e-08	-1.7413e-06	0.0000e+00
1606	0.0000e+00	0.0000e+00	-4.0926e-03	6.4459e-08	-1.7168e-06	0.0000e+00
1607	0.0000e+00	0.0000e+00	-4.0910e-03	1.1516e-12	-1.6986e-06	0.0000e+00
1608	0.0000e+00	0.0000e+00	-3.9980e-03	-1.8434e-08	-2.7731e-06	0.0000e+00
1609	0.0000e+00	0.0000e+00	-3.9993e-03	-3.3998e-08	-2.7981e-06	0.0000e+00
1610	0.0000e+00	0.0000e+00	-4.0005e-03	-1.9704e-08	-2.8187e-06	0.0000e+00
1611	0.0000e+00	0.0000e+00	-4.0007e-03	1.0219e-08	-2.8312e-06	0.0000e+00
1612	0.0000e+00	0.0000e+00	-3.9996e-03	4.0269e-08	-2.8344e-06	0.0000e+00
1613	0.0000e+00	0.0000e+00	-3.9974e-03	5.5395e-08	-2.8274e-06	0.0000e+00
1614	0.0000e+00	0.0000e+00	-3.9952e-03	4.2310e-08	-2.8126e-06	0.0000e+00
1615	0.0000e+00	0.0000e+00	-3.9942e-03	1.0079e-12	-2.8040e-06	0.0000e+00
1616	0.0000e+00	0.0000e+00	-3.8480e-03	8.2029e-10	-4.1764e-06	0.0000e+00
1617	0.0000e+00	0.0000e+00	-3.8483e-03	-1.2359e-08	-4.1952e-06	0.0000e+00
1618	0.0000e+00	0.0000e+00	-3.8487e-03	-1.8826e-09	-4.2154e-06	0.0000e+00
1619	0.0000e+00	0.0000e+00	-3.8483e-03	2.1353e-08	-4.2330e-06	0.0000e+00
1620	0.0000e+00	0.0000e+00	-3.8468e-03	4.3037e-08	-4.2450e-06	0.0000e+00
1621	0.0000e+00	0.0000e+00	-3.8447e-03	5.0117e-08	-4.2500e-06	0.0000e+00
1622	0.0000e+00	0.0000e+00	-3.8428e-03	3.4536e-08	-4.2497e-06	0.0000e+00
1623	0.0000e+00	0.0000e+00	-3.8420e-03	1.4017e-12	-4.2486e-06	0.0000e+00
1624	0.0000e+00	0.0000e+00	-3.6308e-03	1.5198e-08	-5.8572e-06	0.0000e+00
1625	0.0000e+00	0.0000e+00	-3.6303e-03	6.8141e-09	-5.8734e-06	0.0000e+00
1626	0.0000e+00	0.0000e+00	-3.6298e-03	1.9825e-08	-5.8968e-06	0.0000e+00
1627	0.0000e+00	0.0000e+00	-3.6284e-03	4.1282e-08	-5.9233e-06	0.0000e+00
1628	0.0000e+00	0.0000e+00	-3.6262e-03	5.8073e-08	-5.9476e-06	0.0000e+00
1629	0.0000e+00	0.0000e+00	-3.6236e-03	5.9482e-08	-5.9671e-06	0.0000e+00
1630	0.0000e+00	0.0000e+00	-3.6213e-03	3.8956e-08	-5.9810e-06	0.0000e+00
1631	0.0000e+00	0.0000e+00	-3.6204e-03	2.1502e-12	-5.9864e-06	0.0000e+00
1632	0.0000e+00	0.0000e+00	-3.3373e-03	2.7473e-08	-7.6593e-06	0.0000e+00
1633	0.0000e+00	0.0000e+00	-3.3361e-03	3.0383e-08	-7.6805e-06	0.0000e+00
1634	0.0000e+00	0.0000e+00	-3.3342e-03	5.2051e-08	-7.7189e-06	0.0000e+00
1635	0.0000e+00	0.0000e+00	-3.3314e-03	7.3978e-08	-7.7612e-06	0.0000e+00
1636	0.0000e+00	0.0000e+00	-3.3278e-03	8.6576e-08	-7.7993e-06	0.0000e+00
1637	0.0000e+00	0.0000e+00	-3.3241e-03	8.2759e-08	-7.8309e-06	0.0000e+00
1638	0.0000e+00	0.0000e+00	-3.3210e-03	5.4811e-08	-7.8571e-06	0.0000e+00
1639	0.0000e+00	0.0000e+00	-3.3197e-03	3.1341e-12	-7.8690e-06	0.0000e+00
1640	0.0000e+00	0.0000e+00	-2.9686e-03	4.3287e-08	-9.2677e-06	0.0000e+00
1641	0.0000e+00	0.0000e+00	-2.9658e-03	7.8118e-08	-9.3272e-06	0.0000e+00
1642	0.0000e+00	0.0000e+00	-2.9616e-03	1.0723e-07	-9.4006e-06	0.0000e+00
1643	0.0000e+00	0.0000e+00	-2.9565e-03	1.2357e-07	-9.4653e-06	0.0000e+00
1644	0.0000e+00	0.0000e+00	-2.9510e-03	1.2632e-07	-9.5153e-06	0.0000e+00
1645	0.0000e+00	0.0000e+00	-2.9457e-03	1.1396e-07	-9.5500e-06	0.0000e+00
1646	0.0000e+00	0.0000e+00	-2.9415e-03	8.1775e-08	-9.5752e-06	0.0000e+00
1647	0.0000e+00	0.0000e+00	-2.9396e-03	4.2669e-12	-9.5923e-06	0.0000e+00
1648	0.0000e+00	0.0000e+00	-2.5433e-03	1.5240e-07	-1.0211e-05	0.0000e+00
1649	0.0000e+00	0.0000e+00	-2.5357e-03	1.7916e-07	-1.0372e-05	0.0000e+00
1650	0.0000e+00	0.0000e+00	-2.5274e-03	1.8830e-07	-1.0490e-05	0.0000e+00
1651	0.0000e+00	0.0000e+00	-2.5190e-03	1.8237e-07	-1.0574e-05	0.0000e+00
1652	0.0000e+00	0.0000e+00	-2.5112e-03	1.6209e-07	-1.0628e-05	0.0000e+00
1653	0.0000e+00	0.0000e+00	-2.5046e-03	1.2658e-07	-1.0654e-05	0.0000e+00
1654	0.0000e+00	0.0000e+00	-2.4999e-03	7.3697e-08	-1.0647e-05	0.0000e+00
1655	0.0000e+00	0.0000e+00	-4.0926e-03	-6.4458e-08	-1.7168e-06	0.0000e+00
1656	0.0000e+00	0.0000e+00	-4.0957e-03	-7.1630e-08	-1.7413e-06	0.0000e+00
1657	0.0000e+00	0.0000e+00	-4.0983e-03	-4.4874e-08	-1.7523e-06	0.0000e+00
1658	0.0000e+00	0.0000e+00	-4.0994e-03	-4.6501e-09	-1.7529e-06	0.0000e+00
1659	0.0000e+00	0.0000e+00	-4.0987e-03	3.4608e-08	-1.7451e-06	0.0000e+00
1660	0.0000e+00	0.0000e+00	-4.0966e-03	5.8443e-08	-1.7279e-06	0.0000e+00
1661	0.0000e+00	0.0000e+00	-4.0942e-03	4.6646e-08	-1.6989e-06	0.0000e+00

1662	0.0000e+00	0.0000e+00	-3.9952e-03	-4.2309e-08	-2.8126e-06	0.0000e+00
1663	0.0000e+00	0.0000e+00	-3.9974e-03	-5.5394e-08	-2.8274e-06	0.0000e+00
1664	0.0000e+00	0.0000e+00	-3.9996e-03	-4.0269e-08	-2.8345e-06	0.0000e+00
1665	0.0000e+00	0.0000e+00	-4.0007e-03	-1.0219e-08	-2.8313e-06	0.0000e+00
1666	0.0000e+00	0.0000e+00	-4.0005e-03	1.9704e-08	-2.8187e-06	0.0000e+00
1667	0.0000e+00	0.0000e+00	-3.9993e-03	3.3999e-08	-2.7981e-06	0.0000e+00
1668	0.0000e+00	0.0000e+00	-3.9980e-03	1.8435e-08	-2.7731e-06	0.0000e+00
1669	0.0000e+00	0.0000e+00	-3.8428e-03	-3.4533e-08	-4.2497e-06	0.0000e+00
1670	0.0000e+00	0.0000e+00	-3.8447e-03	-5.0114e-08	-4.2500e-06	0.0000e+00
1671	0.0000e+00	0.0000e+00	-3.8468e-03	-4.3035e-08	-4.2450e-06	0.0000e+00
1672	0.0000e+00	0.0000e+00	-3.8483e-03	-2.1351e-08	-4.2330e-06	0.0000e+00
1673	0.0000e+00	0.0000e+00	-3.8487e-03	1.8845e-09	-4.2154e-06	0.0000e+00
1674	0.0000e+00	0.0000e+00	-3.8483e-03	1.2361e-08	-4.1952e-06	0.0000e+00
1675	0.0000e+00	0.0000e+00	-3.8480e-03	-8.1922e-10	-4.1765e-06	0.0000e+00
1676	0.0000e+00	0.0000e+00	-3.6213e-03	-3.8952e-08	-5.9810e-06	0.0000e+00
1677	0.0000e+00	0.0000e+00	-3.6236e-03	-5.9478e-08	-5.9671e-06	0.0000e+00
1678	0.0000e+00	0.0000e+00	-3.6262e-03	-5.8069e-08	-5.9476e-06	0.0000e+00
1679	0.0000e+00	0.0000e+00	-3.6284e-03	-4.1279e-08	-5.9234e-06	0.0000e+00
1680	0.0000e+00	0.0000e+00	-3.6298e-03	-1.9822e-08	-5.8969e-06	0.0000e+00
1681	0.0000e+00	0.0000e+00	-3.6303e-03	-6.8111e-09	-5.8734e-06	0.0000e+00
1682	0.0000e+00	0.0000e+00	-3.6308e-03	-1.5196e-08	-5.8572e-06	0.0000e+00
1683	0.0000e+00	0.0000e+00	-3.3210e-03	-5.4805e-08	-7.8571e-06	0.0000e+00
1684	0.0000e+00	0.0000e+00	-3.3241e-03	-8.2753e-08	-7.8310e-06	0.0000e+00
1685	0.0000e+00	0.0000e+00	-3.3278e-03	-8.6571e-08	-7.7993e-06	0.0000e+00
1686	0.0000e+00	0.0000e+00	-3.3314e-03	-7.3973e-08	-7.7612e-06	0.0000e+00
1687	0.0000e+00	0.0000e+00	-3.3342e-03	-5.2046e-08	-7.7189e-06	0.0000e+00
1688	0.0000e+00	0.0000e+00	-3.3361e-03	-3.0378e-08	-7.6805e-06	0.0000e+00
1689	0.0000e+00	0.0000e+00	-3.3373e-03	-2.7470e-08	-7.6593e-06	0.0000e+00
1690	0.0000e+00	0.0000e+00	-2.9415e-03	-8.1767e-08	-9.5752e-06	0.0000e+00
1691	0.0000e+00	0.0000e+00	-2.9457e-03	-1.1395e-07	-9.5500e-06	0.0000e+00
1692	0.0000e+00	0.0000e+00	-2.9510e-03	-1.2631e-07	-9.5153e-06	0.0000e+00
1693	0.0000e+00	0.0000e+00	-2.9565e-03	-1.2356e-07	-9.4653e-06	0.0000e+00
1694	0.0000e+00	0.0000e+00	-2.9616e-03	-1.0722e-07	-9.4006e-06	0.0000e+00
1695	0.0000e+00	0.0000e+00	-2.9658e-03	-7.8112e-08	-9.3272e-06	0.0000e+00
1696	0.0000e+00	0.0000e+00	-2.9686e-03	-4.3283e-08	-9.2677e-06	0.0000e+00
1697	0.0000e+00	0.0000e+00	-2.4999e-03	-7.3687e-08	-1.0647e-05	0.0000e+00
1698	0.0000e+00	0.0000e+00	-2.5046e-03	-1.2657e-07	-1.0654e-05	0.0000e+00
1699	0.0000e+00	0.0000e+00	-2.5112e-03	-1.6209e-07	-1.0628e-05	0.0000e+00
1700	0.0000e+00	0.0000e+00	-2.5190e-03	-1.8237e-07	-1.0574e-05	0.0000e+00
1701	0.0000e+00	0.0000e+00	-2.5274e-03	-1.8829e-07	-1.0490e-05	0.0000e+00
1702	0.0000e+00	0.0000e+00	-2.5357e-03	-1.7916e-07	-1.0372e-05	0.0000e+00
1703	0.0000e+00	0.0000e+00	-2.5433e-03	-1.5239e-07	-1.0211e-05	0.0000e+00
1704	0.0000e+00	0.0000e+00	-2.3007e-03	-8.8749e-06	-1.4382e-06	0.0000e+00
1705	0.0000e+00	0.0000e+00	-2.2262e-03	-8.6517e-06	-1.9927e-06	0.0000e+00
1706	0.0000e+00	0.0000e+00	-2.1272e-03	-8.2895e-06	-2.5705e-06	0.0000e+00
1707	0.0000e+00	0.0000e+00	-2.0028e-03	-7.7585e-06	-3.1638e-06	0.0000e+00
1708	0.0000e+00	0.0000e+00	-1.8528e-03	-7.0651e-06	-3.7500e-06	0.0000e+00
1709	0.0000e+00	0.0000e+00	-1.6774e-03	-6.2880e-06	-4.3348e-06	0.0000e+00
1710	0.0000e+00	0.0000e+00	-2.3007e-03	8.8749e-06	-1.4379e-06	0.0000e+00
1711	0.0000e+00	0.0000e+00	-2.2263e-03	8.6517e-06	-1.9923e-06	0.0000e+00
1712	0.0000e+00	0.0000e+00	-2.1273e-03	8.2894e-06	-2.5702e-06	0.0000e+00
1713	0.0000e+00	0.0000e+00	-2.0028e-03	7.7584e-06	-3.1634e-06	0.0000e+00
1714	0.0000e+00	0.0000e+00	-1.8528e-03	7.0651e-06	-3.7497e-06	0.0000e+00
1715	0.0000e+00	0.0000e+00	-1.6774e-03	6.2879e-06	-4.3344e-06	0.0000e+00
1716	0.0000e+00	0.0000e+00	-1.7532e-03	6.1431e-06	3.8212e-06	0.0000e+00
1717	0.0000e+00	0.0000e+00	-1.9087e-03	6.9741e-06	3.3185e-06	0.0000e+00
1718	0.0000e+00	0.0000e+00	-2.0422e-03	7.7255e-06	2.8071e-06	0.0000e+00
1719	0.0000e+00	0.0000e+00	-2.1529e-03	8.3190e-06	2.2760e-06	0.0000e+00
1720	0.0000e+00	0.0000e+00	-2.2405e-03	8.7480e-06	1.7455e-06	0.0000e+00
1721	0.0000e+00	0.0000e+00	-2.3054e-03	9.0264e-06	1.2319e-06	0.0000e+00
1722	0.0000e+00	0.0000e+00	-2.3484e-03	9.1722e-06	7.4127e-07	0.0000e+00
1723	0.0000e+00	0.0000e+00	-2.3704e-03	9.2013e-06	2.6809e-07	0.0000e+00
1724	0.0000e+00	0.0000e+00	-2.3716e-03	9.1364e-06	-2.0907e-07	0.0000e+00
1725	0.0000e+00	0.0000e+00	-1.7534e-03	-6.1423e-06	3.8206e-06	0.0000e+00
1726	0.0000e+00	0.0000e+00	-1.9089e-03	-6.9734e-06	3.3179e-06	0.0000e+00
1727	0.0000e+00	0.0000e+00	-2.0423e-03	-7.7248e-06	2.8065e-06	0.0000e+00
1728	0.0000e+00	0.0000e+00	-2.1530e-03	-8.3185e-06	2.2755e-06	0.0000e+00
1729	0.0000e+00	0.0000e+00	-2.2406e-03	-8.7475e-06	1.7450e-06	0.0000e+00
1730	0.0000e+00	0.0000e+00	-2.3055e-03	-9.0260e-06	1.2315e-06	0.0000e+00
1731	0.0000e+00	0.0000e+00	-2.3484e-03	-9.1719e-06	7.4087e-07	0.0000e+00
1732	0.0000e+00	0.0000e+00	-2.3704e-03	-9.2010e-06	2.6773e-07	0.0000e+00
1733	0.0000e+00	0.0000e+00	-2.3717e-03	-9.1363e-06	-2.0940e-07	0.0000e+00

1734	0.0000e+00	0.0000e+00	-1.6004e-03	-3.7325e-06	-6.9750e-06	0.0000e+00
1735	0.0000e+00	0.0000e+00	-1.7405e-03	-3.2728e-06	-7.6783e-06	0.0000e+00
1736	0.0000e+00	0.0000e+00	-1.8621e-03	-2.8080e-06	-8.3423e-06	0.0000e+00
1737	0.0000e+00	0.0000e+00	-1.9647e-03	-2.3263e-06	-8.8861e-06	0.0000e+00
1738	0.0000e+00	0.0000e+00	-2.0482e-03	-1.8525e-06	-9.2968e-06	0.0000e+00
1739	0.0000e+00	0.0000e+00	-2.1134e-03	-1.4117e-06	-9.5827e-06	0.0000e+00
1740	0.0000e+00	0.0000e+00	-2.1620e-03	-1.0221e-06	-9.7601e-06	0.0000e+00
1741	0.0000e+00	0.0000e+00	-2.1962e-03	-6.9133e-07	-9.8499e-06	0.0000e+00
1742	0.0000e+00	0.0000e+00	-2.2181e-03	-4.0531e-07	-9.8935e-06	0.0000e+00
1743	0.0000e+00	0.0000e+00	-2.2214e-03	2.8354e-07	-1.0034e-05	0.0000e+00
1744	0.0000e+00	0.0000e+00	-2.2070e-03	3.7158e-07	-1.0165e-05	0.0000e+00
1745	0.0000e+00	0.0000e+00	-2.1904e-03	3.8499e-07	-1.0274e-05	0.0000e+00
1746	0.0000e+00	0.0000e+00	-2.1742e-03	3.5277e-07	-1.0347e-05	0.0000e+00
1747	0.0000e+00	0.0000e+00	-2.1600e-03	2.9002e-07	-1.0384e-05	0.0000e+00
1748	0.0000e+00	0.0000e+00	-2.1491e-03	2.0838e-07	-1.0386e-05	0.0000e+00
1749	0.0000e+00	0.0000e+00	-2.1419e-03	1.1794e-07	-1.0352e-05	0.0000e+00
1750	0.0000e+00	0.0000e+00	-2.1386e-03	2.9515e-08	-1.0282e-05	0.0000e+00
1751	0.0000e+00	0.0000e+00	-2.1387e-03	-3.4174e-08	-1.0196e-05	0.0000e+00
1752	0.0000e+00	0.0000e+00	-1.7036e-03	-3.3695e-06	6.4635e-06	0.0000e+00
1753	0.0000e+00	0.0000e+00	-1.8291e-03	-2.9128e-06	7.2562e-06	0.0000e+00
1754	0.0000e+00	0.0000e+00	-1.9367e-03	-2.4670e-06	7.9907e-06	0.0000e+00
1755	0.0000e+00	0.0000e+00	-2.0262e-03	-2.0131e-06	8.5913e-06	0.0000e+00
1756	0.0000e+00	0.0000e+00	-2.0979e-03	-1.5731e-06	9.0486e-06	0.0000e+00
1757	0.0000e+00	0.0000e+00	-2.1527e-03	-1.1705e-06	9.3713e-06	0.0000e+00
1758	0.0000e+00	0.0000e+00	-2.1925e-03	-8.2236e-07	9.5745e-06	0.0000e+00
1759	0.0000e+00	0.0000e+00	-2.2197e-03	-5.3730e-07	9.6745e-06	0.0000e+00
1760	0.0000e+00	0.0000e+00	-2.2365e-03	-3.0181e-07	9.7039e-06	0.0000e+00
1761	0.0000e+00	0.0000e+00	-2.2311e-03	3.9549e-07	9.8815e-06	0.0000e+00
1762	0.0000e+00	0.0000e+00	-2.2126e-03	4.4305e-07	1.0072e-05	0.0000e+00
1763	0.0000e+00	0.0000e+00	-2.1934e-03	4.2705e-07	1.0212e-05	0.0000e+00
1764	0.0000e+00	0.0000e+00	-2.1758e-03	3.7435e-07	1.0301e-05	0.0000e+00
1765	0.0000e+00	0.0000e+00	-2.1611e-03	2.9640e-07	1.0345e-05	0.0000e+00
1766	0.0000e+00	0.0000e+00	-2.1501e-03	2.0224e-07	1.0345e-05	0.0000e+00
1767	0.0000e+00	0.0000e+00	-2.1435e-03	9.9283e-08	1.0299e-05	0.0000e+00
1768	0.0000e+00	0.0000e+00	-2.1414e-03	-5.7621e-09	1.0201e-05	0.0000e+00
1769	0.0000e+00	0.0000e+00	-2.1437e-03	-9.3771e-08	1.0055e-05	0.0000e+00
1770	0.0000e+00	0.0000e+00	-2.1208e-03	2.7431e-07	1.0151e-05	0.0000e+00
1771	0.0000e+00	0.0000e+00	-2.1098e-03	2.2136e-07	1.0329e-05	0.0000e+00
1772	0.0000e+00	0.0000e+00	-2.1016e-03	1.5203e-07	1.0457e-05	0.0000e+00
1773	0.0000e+00	0.0000e+00	-2.0965e-03	8.1615e-08	1.0531e-05	0.0000e+00
1774	0.0000e+00	0.0000e+00	-2.0945e-03	1.1166e-08	1.0559e-05	0.0000e+00
1775	0.0000e+00	0.0000e+00	-2.0955e-03	-5.8994e-08	1.0542e-05	0.0000e+00
1776	0.0000e+00	0.0000e+00	-2.0996e-03	-1.2846e-07	1.0480e-05	0.0000e+00
1777	0.0000e+00	0.0000e+00	-2.1068e-03	-1.9597e-07	1.0366e-05	0.0000e+00
1778	0.0000e+00	0.0000e+00	-2.1166e-03	-2.4599e-07	1.0205e-05	0.0000e+00
1779	0.0000e+00	0.0000e+00	-2.1119e-03	2.3538e-07	-1.0324e-05	0.0000e+00
1780	0.0000e+00	0.0000e+00	-2.1021e-03	2.1181e-07	-1.0446e-05	0.0000e+00
1781	0.0000e+00	0.0000e+00	-2.0939e-03	1.6543e-07	-1.0552e-05	0.0000e+00
1782	0.0000e+00	0.0000e+00	-2.0877e-03	1.1471e-07	-1.0624e-05	0.0000e+00
1783	0.0000e+00	0.0000e+00	-2.0838e-03	6.4673e-08	-1.0661e-05	0.0000e+00
1784	0.0000e+00	0.0000e+00	-2.0819e-03	1.8031e-08	-1.0665e-05	0.0000e+00
1785	0.0000e+00	0.0000e+00	-2.0820e-03	-2.2547e-08	-1.0635e-05	0.0000e+00
1786	0.0000e+00	0.0000e+00	-2.0837e-03	-5.2108e-08	-1.0575e-05	0.0000e+00
1787	0.0000e+00	0.0000e+00	-2.0859e-03	-5.2107e-08	-1.0505e-05	0.0000e+00
1788	0.0000e+00	0.0000e+00	-2.0859e-03	5.2101e-08	-1.0505e-05	0.0000e+00
1789	0.0000e+00	0.0000e+00	-2.0837e-03	5.2098e-08	-1.0575e-05	0.0000e+00
1790	0.0000e+00	0.0000e+00	-2.0820e-03	2.2534e-08	-1.0635e-05	0.0000e+00
1791	0.0000e+00	0.0000e+00	-2.0819e-03	-1.8044e-08	-1.0665e-05	0.0000e+00
1792	0.0000e+00	0.0000e+00	-2.0838e-03	-6.4686e-08	-1.0661e-05	0.0000e+00
1793	0.0000e+00	0.0000e+00	-2.0877e-03	-1.1472e-07	-1.0624e-05	0.0000e+00
1794	0.0000e+00	0.0000e+00	-2.0939e-03	-1.6543e-07	-1.0552e-05	0.0000e+00
1795	0.0000e+00	0.0000e+00	-2.1021e-03	-2.1181e-07	-1.0446e-05	0.0000e+00
1796	0.0000e+00	0.0000e+00	-2.1119e-03	-2.3538e-07	-1.0324e-05	0.0000e+00
1797	0.0000e+00	0.0000e+00	-2.1165e-03	2.4590e-07	1.0205e-05	0.0000e+00
1798	0.0000e+00	0.0000e+00	-2.1067e-03	1.9585e-07	1.0366e-05	0.0000e+00
1799	0.0000e+00	0.0000e+00	-2.0996e-03	1.2834e-07	1.0480e-05	0.0000e+00
1800	0.0000e+00	0.0000e+00	-2.0955e-03	5.8875e-08	1.0542e-05	0.0000e+00
1801	0.0000e+00	0.0000e+00	-2.0944e-03	-1.1262e-08	1.0559e-05	0.0000e+00
1802	0.0000e+00	0.0000e+00	-2.0965e-03	-8.1674e-08	1.0531e-05	0.0000e+00
1803	0.0000e+00	0.0000e+00	-2.1016e-03	-1.5204e-07	1.0457e-05	0.0000e+00
1804	0.0000e+00	0.0000e+00	-2.1098e-03	-2.2130e-07	1.0329e-05	0.0000e+00
1805	0.0000e+00	0.0000e+00	-2.1208e-03	-2.7417e-07	1.0152e-05	0.0000e+00

1806	0.0000e+00	0.0000e+00	-2.1436e-03	9.3388e-08	1.0056e-05	0.0000e+00
1807	0.0000e+00	0.0000e+00	-2.1414e-03	5.2069e-09	1.0202e-05	0.0000e+00
1808	0.0000e+00	0.0000e+00	-2.1434e-03	-9.9949e-08	1.0299e-05	0.0000e+00
1809	0.0000e+00	0.0000e+00	-2.1501e-03	-2.0296e-07	1.0345e-05	0.0000e+00
1810	0.0000e+00	0.0000e+00	-2.1611e-03	-2.9714e-07	1.0345e-05	0.0000e+00
1811	0.0000e+00	0.0000e+00	-2.1759e-03	-3.7507e-07	1.0301e-05	0.0000e+00
1812	0.0000e+00	0.0000e+00	-2.1935e-03	-4.2771e-07	1.0212e-05	0.0000e+00
1813	0.0000e+00	0.0000e+00	-2.2127e-03	-4.4357e-07	1.0071e-05	0.0000e+00
1814	0.0000e+00	0.0000e+00	-2.2312e-03	-3.9580e-07	9.8812e-06	0.0000e+00
1815	0.0000e+00	0.0000e+00	-2.2366e-03	3.0214e-07	9.7037e-06	0.0000e+00
1816	0.0000e+00	0.0000e+00	-2.2198e-03	5.3785e-07	9.6743e-06	0.0000e+00
1817	0.0000e+00	0.0000e+00	-2.1926e-03	8.2308e-07	9.5744e-06	0.0000e+00
1818	0.0000e+00	0.0000e+00	-2.1528e-03	1.1713e-06	9.3712e-06	0.0000e+00
1819	0.0000e+00	0.0000e+00	-2.0979e-03	1.5741e-06	9.0486e-06	0.0000e+00
1820	0.0000e+00	0.0000e+00	-2.0262e-03	2.0141e-06	8.5914e-06	0.0000e+00
1821	0.0000e+00	0.0000e+00	-1.9366e-03	2.4681e-06	7.9909e-06	0.0000e+00
1822	0.0000e+00	0.0000e+00	-1.8290e-03	2.9139e-06	7.2564e-06	0.0000e+00
1823	0.0000e+00	0.0000e+00	-1.7034e-03	3.3705e-06	6.4637e-06	0.0000e+00
1824	0.0000e+00	0.0000e+00	-2.1387e-03	3.4038e-08	-1.0195e-05	0.0000e+00
1825	0.0000e+00	0.0000e+00	-2.1387e-03	-2.9692e-08	-1.0282e-05	0.0000e+00
1826	0.0000e+00	0.0000e+00	-2.1419e-03	-1.1816e-07	-1.0352e-05	0.0000e+00
1827	0.0000e+00	0.0000e+00	-2.1491e-03	-2.0863e-07	-1.0386e-05	0.0000e+00
1828	0.0000e+00	0.0000e+00	-2.1601e-03	-2.9030e-07	-1.0384e-05	0.0000e+00
1829	0.0000e+00	0.0000e+00	-2.1742e-03	-3.5306e-07	-1.0346e-05	0.0000e+00
1830	0.0000e+00	0.0000e+00	-2.1904e-03	-3.8529e-07	-1.0274e-05	0.0000e+00
1831	0.0000e+00	0.0000e+00	-2.2071e-03	-3.7186e-07	-1.0165e-05	0.0000e+00
1832	0.0000e+00	0.0000e+00	-2.2215e-03	-2.8376e-07	-1.0034e-05	0.0000e+00
1833	0.0000e+00	0.0000e+00	-2.2182e-03	4.0533e-07	-9.8931e-06	0.0000e+00
1834	0.0000e+00	0.0000e+00	-2.1964e-03	6.9140e-07	-9.8496e-06	0.0000e+00
1835	0.0000e+00	0.0000e+00	-2.1621e-03	1.0222e-06	-9.7597e-06	0.0000e+00
1836	0.0000e+00	0.0000e+00	-2.1135e-03	1.4118e-06	-9.5823e-06	0.0000e+00
1837	0.0000e+00	0.0000e+00	-2.0483e-03	1.8525e-06	-9.2965e-06	0.0000e+00
1838	0.0000e+00	0.0000e+00	-1.9648e-03	2.3263e-06	-8.8857e-06	0.0000e+00
1839	0.0000e+00	0.0000e+00	-1.8622e-03	2.8079e-06	-8.3420e-06	0.0000e+00
1840	0.0000e+00	0.0000e+00	-1.7406e-03	3.2727e-06	-7.6780e-06	0.0000e+00
1841	0.0000e+00	0.0000e+00	-1.6005e-03	3.7324e-06	-6.9747e-06	0.0000e+00
1842	0.0000e+00	0.0000e+00	-2.1324e-03	1.9412e-07	-1.0176e-05	0.0000e+00
1843	0.0000e+00	0.0000e+00	-2.1255e-03	1.5358e-07	-1.0228e-05	0.0000e+00
1844	0.0000e+00	0.0000e+00	-2.1206e-03	9.0870e-08	-1.0273e-05	0.0000e+00
1845	0.0000e+00	0.0000e+00	-2.1183e-03	2.7486e-08	-1.0286e-05	0.0000e+00
1846	0.0000e+00	0.0000e+00	-2.1182e-03	-2.7534e-08	-1.0267e-05	0.0000e+00
1847	0.0000e+00	0.0000e+00	-2.1198e-03	-5.2797e-08	-1.0242e-05	0.0000e+00
1848	0.0000e+00	0.0000e+00	-2.1386e-03	2.3093e-07	1.0021e-05	0.0000e+00
1849	0.0000e+00	0.0000e+00	-2.1305e-03	1.6850e-07	1.0122e-05	0.0000e+00
1850	0.0000e+00	0.0000e+00	-2.1253e-03	8.8596e-08	1.0187e-05	0.0000e+00
1851	0.0000e+00	0.0000e+00	-2.1234e-03	1.0773e-08	1.0197e-05	0.0000e+00
1852	0.0000e+00	0.0000e+00	-2.1244e-03	-6.2319e-08	1.0152e-05	0.0000e+00
1853	0.0000e+00	0.0000e+00	-2.1280e-03	-1.1153e-07	1.0070e-05	0.0000e+00
1854	0.0000e+00	0.0000e+00	-2.1198e-03	5.2804e-08	-1.0242e-05	0.0000e+00
1855	0.0000e+00	0.0000e+00	-2.1182e-03	2.7537e-08	-1.0267e-05	0.0000e+00
1856	0.0000e+00	0.0000e+00	-2.1183e-03	-2.7491e-08	-1.0286e-05	0.0000e+00
1857	0.0000e+00	0.0000e+00	-2.1206e-03	-9.0889e-08	-1.0273e-05	0.0000e+00
1858	0.0000e+00	0.0000e+00	-2.1255e-03	-1.5362e-07	-1.0228e-05	0.0000e+00
1859	0.0000e+00	0.0000e+00	-2.1324e-03	-1.9419e-07	-1.0176e-05	0.0000e+00
1860	0.0000e+00	0.0000e+00	-2.1279e-03	1.1186e-07	1.0071e-05	0.0000e+00
1861	0.0000e+00	0.0000e+00	-2.1243e-03	6.2701e-08	1.0153e-05	0.0000e+00
1862	0.0000e+00	0.0000e+00	-2.1233e-03	-1.0378e-08	1.0197e-05	0.0000e+00
1863	0.0000e+00	0.0000e+00	-2.1253e-03	-8.8231e-08	1.0187e-05	0.0000e+00
1864	0.0000e+00	0.0000e+00	-2.1304e-03	-1.6822e-07	1.0123e-05	0.0000e+00
1865	0.0000e+00	0.0000e+00	-2.1385e-03	-2.3079e-07	1.0021e-05	0.0000e+00
1866	0.0000e+00	0.0000e+00	-2.1201e-03	1.6376e-07	1.0174e-05	0.0000e+00
1867	0.0000e+00	0.0000e+00	-2.1140e-03	1.1447e-07	1.0300e-05	0.0000e+00
1868	0.0000e+00	0.0000e+00	-2.1104e-03	4.8525e-08	1.0377e-05	0.0000e+00
1869	0.0000e+00	0.0000e+00	-2.1097e-03	-1.8668e-08	1.0398e-05	0.0000e+00
1870	0.0000e+00	0.0000e+00	-2.1120e-03	-8.5964e-08	1.0366e-05	0.0000e+00
1871	0.0000e+00	0.0000e+00	-2.1172e-03	-1.5215e-07	1.0278e-05	0.0000e+00
1872	0.0000e+00	0.0000e+00	-2.1251e-03	-2.0156e-07	1.0140e-05	0.0000e+00
1873	0.0000e+00	0.0000e+00	-2.1251e-03	2.0170e-07	1.0140e-05	0.0000e+00
1874	0.0000e+00	0.0000e+00	-2.1172e-03	1.5229e-07	1.0278e-05	0.0000e+00
1875	0.0000e+00	0.0000e+00	-2.1120e-03	8.6102e-08	1.0366e-05	0.0000e+00
1876	0.0000e+00	0.0000e+00	-2.1097e-03	1.8800e-08	1.0399e-05	0.0000e+00
1877	0.0000e+00	0.0000e+00	-2.1104e-03	-4.8406e-08	1.0377e-05	0.0000e+00

1878	0.0000e+00	0.0000e+00	-2.1139e-03	-1.1437e-07	1.0300e-05	0.0000e+00
1879	0.0000e+00	0.0000e+00	-2.1201e-03	-1.6370e-07	1.0174e-05	0.0000e+00
1880	0.0000e+00	0.0000e+00	-2.0745e-03	3.1470e-07	-1.0553e-05	0.0000e+00
1881	0.0000e+00	0.0000e+00	-2.0606e-03	3.2030e-07	-1.0671e-05	0.0000e+00
1882	0.0000e+00	0.0000e+00	-2.0472e-03	2.9645e-07	-1.0781e-05	0.0000e+00
1883	0.0000e+00	0.0000e+00	-2.0350e-03	2.5899e-07	-1.0864e-05	0.0000e+00
1884	0.0000e+00	0.0000e+00	-2.0248e-03	2.0906e-07	-1.0918e-05	0.0000e+00
1885	0.0000e+00	0.0000e+00	-2.0171e-03	1.4474e-07	-1.0944e-05	0.0000e+00
1886	0.0000e+00	0.0000e+00	-2.0125e-03	6.5643e-08	-1.0946e-05	0.0000e+00
1887	0.0000e+00	0.0000e+00	-2.0125e-03	-6.5632e-08	-1.0946e-05	0.0000e+00
1888	0.0000e+00	0.0000e+00	-2.0171e-03	-1.4473e-07	-1.0944e-05	0.0000e+00
1889	0.0000e+00	0.0000e+00	-2.0248e-03	-2.0905e-07	-1.0918e-05	0.0000e+00
1890	0.0000e+00	0.0000e+00	-2.0350e-03	-2.5898e-07	-1.0864e-05	0.0000e+00
1891	0.0000e+00	0.0000e+00	-2.0472e-03	-2.9645e-07	-1.0781e-05	0.0000e+00
1892	0.0000e+00	0.0000e+00	-2.0606e-03	-3.2030e-07	-1.0671e-05	0.0000e+00
1893	0.0000e+00	0.0000e+00	-2.0745e-03	-3.1469e-07	-1.0553e-05	0.0000e+00
2124	-3.5282e-04	-1.8758e-08	0.0000e+00	0.0000e+00	0.0000e+00	-3.0142e-11

SPOSTAMENTI NODALI "Q1" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	-1.2580e-03	2.3126e-06	-3.9003e-06	0.0000e+00
2	0.0000e+00	0.0000e+00	-1.2942e-03	-3.0536e-07	-8.2476e-06	0.0000e+00
3	0.0000e+00	0.0000e+00	-1.4503e-03	-1.0952e-06	-8.9027e-06	0.0000e+00
4	0.0000e+00	0.0000e+00	-1.4428e-03	1.1384e-06	-8.9271e-06	0.0000e+00
5	0.0000e+00	0.0000e+00	-1.3964e-03	-6.3185e-07	-8.9780e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	-1.4308e-03	2.0111e-11	-8.9354e-06	0.0000e+00
7	0.0000e+00	0.0000e+00	-1.3964e-03	6.3184e-07	-8.9780e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	-1.4428e-03	-1.1384e-06	-8.9271e-06	0.0000e+00
9	0.0000e+00	0.0000e+00	-1.4503e-03	1.0952e-06	-8.9026e-06	0.0000e+00
10	0.0000e+00	0.0000e+00	-1.2943e-03	3.0539e-07	-8.2477e-06	0.0000e+00
11	0.0000e+00	0.0000e+00	-1.2579e-03	-2.3122e-06	-3.9000e-06	0.0000e+00
12	0.0000e+00	0.0000e+00	-1.2066e-03	4.2711e-06	9.1192e-07	0.0000e+00
13	0.0000e+00	0.0000e+00	-1.6899e-03	-5.4848e-08	2.4198e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	-1.6651e-03	-1.9531e-06	2.4305e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	-1.6587e-03	2.0185e-06	2.4290e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	-1.6629e-03	-8.6964e-07	2.4589e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-1.5811e-03	1.6086e-11	2.4093e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	-1.6629e-03	8.6967e-07	2.4589e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-1.6587e-03	-2.0185e-06	2.4290e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-1.6651e-03	1.9532e-06	2.4306e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	-1.6899e-03	5.4872e-08	2.4199e-06	0.0000e+00
22	0.0000e+00	0.0000e+00	-1.2066e-03	-4.2710e-06	9.1201e-07	0.0000e+00
23	0.0000e+00	0.0000e+00	-9.6736e-04	2.4115e-06	-1.6570e-07	0.0000e+00
24	0.0000e+00	0.0000e+00	-8.3358e-04	-9.9274e-08	1.5359e-06	0.0000e+00
25	0.0000e+00	0.0000e+00	-9.4649e-04	-9.0975e-07	1.7049e-06	0.0000e+00
26	0.0000e+00	0.0000e+00	-9.3892e-04	9.6353e-07	1.7076e-06	0.0000e+00
27	0.0000e+00	0.0000e+00	-8.7478e-04	-4.3004e-07	1.5974e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	-8.6571e-04	6.1705e-12	9.7494e-07	0.0000e+00
29	0.0000e+00	0.0000e+00	-8.7478e-04	4.3004e-07	1.5974e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	-9.3892e-04	-9.6352e-07	1.7076e-06	0.0000e+00
31	0.0000e+00	0.0000e+00	-9.4649e-04	9.0973e-07	1.7050e-06	0.0000e+00
32	0.0000e+00	0.0000e+00	-8.3361e-04	9.9264e-08	1.5361e-06	0.0000e+00
33	0.0000e+00	0.0000e+00	-9.6738e-04	-2.4114e-06	-1.6561e-07	0.0000e+00
67	0.0000e+00	0.0000e+00	-1.4140e-03	2.0875e-06	-3.0520e-06	0.0000e+00
68	0.0000e+00	0.0000e+00	-1.6131e-03	-4.2339e-07	-6.3230e-06	0.0000e+00
69	0.0000e+00	0.0000e+00	-1.8020e-03	-1.2400e-06	-6.9973e-06	0.0000e+00
70	0.0000e+00	0.0000e+00	-1.7958e-03	1.2711e-06	-7.0299e-06	0.0000e+00
71	0.0000e+00	0.0000e+00	-1.7489e-03	-6.9952e-07	-7.0162e-06	0.0000e+00
72	0.0000e+00	0.0000e+00	-1.7848e-03	2.1052e-11	-7.0576e-06	0.0000e+00
73	0.0000e+00	0.0000e+00	-1.7488e-03	6.9950e-07	-7.0162e-06	0.0000e+00
74	0.0000e+00	0.0000e+00	-1.7958e-03	-1.2710e-06	-7.0299e-06	0.0000e+00
75	0.0000e+00	0.0000e+00	-1.8019e-03	1.2400e-06	-6.9972e-06	0.0000e+00
76	0.0000e+00	0.0000e+00	-1.6132e-03	4.2342e-07	-6.3230e-06	0.0000e+00
77	0.0000e+00	0.0000e+00	-1.4139e-03	-2.0872e-06	-3.0519e-06	0.0000e+00
78	0.0000e+00	0.0000e+00	-9.5642e-04	2.2904e-06	-2.5031e-07	0.0000e+00
79	0.0000e+00	0.0000e+00	-8.8214e-04	-1.2507e-07	9.9502e-07	0.0000e+00
80	0.0000e+00	0.0000e+00	-1.0039e-03	-9.1811e-07	1.1809e-06	0.0000e+00
81	0.0000e+00	0.0000e+00	-9.9654e-04	9.6824e-07	1.1877e-06	0.0000e+00
82	0.0000e+00	0.0000e+00	-9.2631e-04	-3.8959e-07	1.0456e-06	0.0000e+00
83	0.0000e+00	0.0000e+00	-8.9635e-04	4.9683e-12	6.1843e-07	0.0000e+00
84	0.0000e+00	0.0000e+00	-9.2631e-04	3.8959e-07	1.0456e-06	0.0000e+00

85	0.0000e+00	0.0000e+00	-9.9655e-04	-9.6824e-07	1.1877e-06	0.0000e+00
86	0.0000e+00	0.0000e+00	-1.0039e-03	9.1809e-07	1.1809e-06	0.0000e+00
87	0.0000e+00	0.0000e+00	-8.8218e-04	1.2505e-07	9.9516e-07	0.0000e+00
88	0.0000e+00	0.0000e+00	-9.5645e-04	-2.2904e-06	-2.5022e-07	0.0000e+00
89	0.0000e+00	0.0000e+00	-1.3564e-03	2.1498e-06	-3.5763e-06	0.0000e+00
90	0.0000e+00	0.0000e+00	-1.3835e-03	3.8913e-06	8.2824e-07	0.0000e+00
91	0.0000e+00	0.0000e+00	-1.0756e-03	2.4066e-06	-4.0417e-07	0.0000e+00
92	0.0000e+00	0.0000e+00	-1.5094e-03	2.0640e-06	-3.2330e-06	0.0000e+00
93	0.0000e+00	0.0000e+00	-1.0594e-03	2.2664e-06	-3.5981e-07	0.0000e+00
94	0.0000e+00	0.0000e+00	-1.0594e-03	-2.2663e-06	-3.5972e-07	0.0000e+00
95	0.0000e+00	0.0000e+00	-1.3563e-03	-2.1495e-06	-3.5761e-06	0.0000e+00
96	0.0000e+00	0.0000e+00	-1.3835e-03	-3.8912e-06	8.2834e-07	0.0000e+00
97	0.0000e+00	0.0000e+00	-1.0757e-03	-2.4066e-06	-4.0407e-07	0.0000e+00
98	0.0000e+00	0.0000e+00	-1.5093e-03	-2.0636e-06	-3.2328e-06	0.0000e+00
99	0.0000e+00	0.0000e+00	-1.0910e-03	2.5839e-06	-3.4547e-06	0.0000e+00
100	0.0000e+00	0.0000e+00	-9.8769e-04	2.5313e-06	-3.8399e-06	0.0000e+00
101	0.0000e+00	0.0000e+00	-1.1623e-03	2.1527e-06	-4.0754e-06	0.0000e+00
102	0.0000e+00	0.0000e+00	-8.9503e-04	2.0764e-06	-4.1116e-06	0.0000e+00
103	0.0000e+00	0.0000e+00	-1.0813e-03	1.6786e-06	-4.3339e-06	0.0000e+00
104	0.0000e+00	0.0000e+00	-8.2568e-04	1.3835e-06	-4.4063e-06	0.0000e+00
105	0.0000e+00	0.0000e+00	-1.0251e-03	9.9956e-07	-4.6451e-06	0.0000e+00
106	0.0000e+00	0.0000e+00	-7.8618e-04	5.9639e-07	-4.7142e-06	0.0000e+00
107	0.0000e+00	0.0000e+00	-9.9993e-04	2.2306e-07	-4.9916e-06	0.0000e+00
108	0.0000e+00	0.0000e+00	-7.7792e-04	-1.6932e-07	-5.0494e-06	0.0000e+00
109	0.0000e+00	0.0000e+00	-1.0075e-03	-5.4431e-07	-5.3752e-06	0.0000e+00
110	0.0000e+00	0.0000e+00	-7.9789e-04	-8.0668e-07	-5.4283e-06	0.0000e+00
111	0.0000e+00	0.0000e+00	-1.0452e-03	-1.1960e-06	-5.8032e-06	0.0000e+00
112	0.0000e+00	0.0000e+00	-8.3886e-04	-1.2118e-06	-5.8632e-06	0.0000e+00
113	0.0000e+00	0.0000e+00	-1.1065e-03	-1.6225e-06	-6.2834e-06	0.0000e+00
114	0.0000e+00	0.0000e+00	-8.8949e-04	-1.2810e-06	-6.3488e-06	0.0000e+00
115	0.0000e+00	0.0000e+00	-1.1801e-03	-1.7067e-06	-6.8247e-06	0.0000e+00
116	0.0000e+00	0.0000e+00	-9.3447e-04	-9.2151e-07	-6.8244e-06	0.0000e+00
117	0.0000e+00	0.0000e+00	-1.2499e-03	-1.3180e-06	-7.4455e-06	0.0000e+00
118	0.0000e+00	0.0000e+00	-9.5694e-04	-1.5934e-07	-7.1093e-06	0.0000e+00
119	0.0000e+00	0.0000e+00	-9.5226e-04	2.8416e-06	-2.6798e-06	0.0000e+00
120	0.0000e+00	0.0000e+00	-8.3763e-04	2.8274e-06	-3.0190e-06	0.0000e+00
121	0.0000e+00	0.0000e+00	-7.3289e-04	2.3706e-06	-3.2721e-06	0.0000e+00
122	0.0000e+00	0.0000e+00	-6.5158e-04	1.6807e-06	-3.5247e-06	0.0000e+00
123	0.0000e+00	0.0000e+00	-5.9998e-04	9.0603e-07	-3.7665e-06	0.0000e+00
124	0.0000e+00	0.0000e+00	-5.7897e-04	1.7001e-07	-4.0093e-06	0.0000e+00
125	0.0000e+00	0.0000e+00	-5.8485e-04	-4.2072e-07	-4.2680e-06	0.0000e+00
126	0.0000e+00	0.0000e+00	-6.0993e-04	-7.7473e-07	-4.5533e-06	0.0000e+00
127	0.0000e+00	0.0000e+00	-6.4329e-04	-8.2517e-07	-4.8567e-06	0.0000e+00
128	0.0000e+00	0.0000e+00	-6.7225e-04	-5.5935e-07	-5.1317e-06	0.0000e+00
129	0.0000e+00	0.0000e+00	-6.8538e-04	-6.6005e-08	-5.2917e-06	0.0000e+00
130	0.0000e+00	0.0000e+00	-8.5431e-04	3.0904e-06	-1.6838e-06	0.0000e+00
131	0.0000e+00	0.0000e+00	-7.2934e-04	3.0933e-06	-1.9417e-06	0.0000e+00
132	0.0000e+00	0.0000e+00	-6.1422e-04	2.6235e-06	-2.1512e-06	0.0000e+00
133	0.0000e+00	0.0000e+00	-5.2334e-04	1.9086e-06	-2.3379e-06	0.0000e+00
134	0.0000e+00	0.0000e+00	-4.6316e-04	1.1108e-06	-2.4864e-06	0.0000e+00
135	0.0000e+00	0.0000e+00	-4.3430e-04	3.6334e-07	-2.5993e-06	0.0000e+00
136	0.0000e+00	0.0000e+00	-4.3247e-04	-2.2335e-07	-2.6880e-06	0.0000e+00
137	0.0000e+00	0.0000e+00	-4.4947e-04	-5.6496e-07	-2.7684e-06	0.0000e+00
138	0.0000e+00	0.0000e+00	-4.7440e-04	-6.1698e-07	-2.8510e-06	0.0000e+00
139	0.0000e+00	0.0000e+00	-4.9574e-04	-3.9676e-07	-2.9315e-06	0.0000e+00
140	0.0000e+00	0.0000e+00	-5.0416e-04	1.3023e-10	-2.9920e-06	0.0000e+00
141	0.0000e+00	0.0000e+00	-8.0410e-04	3.3216e-06	-5.9379e-07	0.0000e+00
142	0.0000e+00	0.0000e+00	-6.7008e-04	3.3128e-06	-7.7921e-07	0.0000e+00
143	0.0000e+00	0.0000e+00	-5.4668e-04	2.8127e-06	-9.5043e-07	0.0000e+00
144	0.0000e+00	0.0000e+00	-4.4922e-04	2.0452e-06	-1.0686e-06	0.0000e+00
145	0.0000e+00	0.0000e+00	-3.8484e-04	1.1838e-06	-1.1129e-06	0.0000e+00
146	0.0000e+00	0.0000e+00	-3.5430e-04	3.7703e-07	-1.0747e-06	0.0000e+00
147	0.0000e+00	0.0000e+00	-3.5287e-04	-2.5100e-07	-9.6324e-07	0.0000e+00
148	0.0000e+00	0.0000e+00	-3.7140e-04	-6.0706e-07	-8.0646e-07	0.0000e+00
149	0.0000e+00	0.0000e+00	-3.9790e-04	-6.4707e-07	-6.4713e-07	0.0000e+00
150	0.0000e+00	0.0000e+00	-4.1992e-04	-3.9798e-07	-5.3297e-07	0.0000e+00
151	0.0000e+00	0.0000e+00	-4.2772e-04	3.3058e-08	-5.0015e-07	0.0000e+00
152	0.0000e+00	0.0000e+00	-8.0294e-04	3.5379e-06	4.6668e-07	0.0000e+00
153	0.0000e+00	0.0000e+00	-6.6066e-04	3.5058e-06	3.3818e-07	0.0000e+00
154	0.0000e+00	0.0000e+00	-5.3045e-04	2.9525e-06	1.8239e-07	0.0000e+00
155	0.0000e+00	0.0000e+00	-4.2904e-04	2.0954e-06	1.1454e-07	0.0000e+00
156	0.0000e+00	0.0000e+00	-3.6487e-04	1.1187e-06	1.6466e-07	0.0000e+00



157	0.0000e+00	0.0000e+00	-3.3933e-04	1.9198e-07	3.5533e-07	0.0000e+00
158	0.0000e+00	0.0000e+00	-3.4735e-04	-5.3318e-07	6.8112e-07	0.0000e+00
159	0.0000e+00	0.0000e+00	-3.7827e-04	-9.3304e-07	1.1011e-06	0.0000e+00
160	0.0000e+00	0.0000e+00	-4.1742e-04	-9.3794e-07	1.5339e-06	0.0000e+00
161	0.0000e+00	0.0000e+00	-4.4897e-04	-5.6931e-07	1.8674e-06	0.0000e+00
162	0.0000e+00	0.0000e+00	-4.6023e-04	3.6901e-08	2.0002e-06	0.0000e+00
163	0.0000e+00	0.0000e+00	-8.4689e-04	3.7450e-06	1.3772e-06	0.0000e+00
164	0.0000e+00	0.0000e+00	-6.9647e-04	3.6980e-06	1.2914e-06	0.0000e+00
165	0.0000e+00	0.0000e+00	-5.5977e-04	3.0730e-06	1.1211e-06	0.0000e+00
166	0.0000e+00	0.0000e+00	-4.5594e-04	2.0847e-06	1.0712e-06	0.0000e+00
167	0.0000e+00	0.0000e+00	-3.9554e-04	9.3208e-07	1.1862e-06	0.0000e+00
168	0.0000e+00	0.0000e+00	-3.8124e-04	-1.8811e-07	1.5068e-06	0.0000e+00
169	0.0000e+00	0.0000e+00	-4.0795e-04	-1.0844e-06	2.0385e-06	0.0000e+00
170	0.0000e+00	0.0000e+00	-4.6307e-04	-1.5778e-06	2.7378e-06	0.0000e+00
171	0.0000e+00	0.0000e+00	-5.2760e-04	-1.5353e-06	3.4883e-06	0.0000e+00
172	0.0000e+00	0.0000e+00	-5.7916e-04	-9.4253e-07	4.0944e-06	0.0000e+00
173	0.0000e+00	0.0000e+00	-5.9851e-04	1.8394e-08	4.3485e-06	0.0000e+00
174	0.0000e+00	0.0000e+00	-9.2681e-04	3.9456e-06	2.0154e-06	0.0000e+00
175	0.0000e+00	0.0000e+00	-7.6780e-04	3.9163e-06	1.9650e-06	0.0000e+00
176	0.0000e+00	0.0000e+00	-6.2362e-04	3.2125e-06	1.7491e-06	0.0000e+00
177	0.0000e+00	0.0000e+00	-5.1731e-04	2.0548e-06	1.6779e-06	0.0000e+00
178	0.0000e+00	0.0000e+00	-4.6257e-04	6.6622e-07	1.8117e-06	0.0000e+00
179	0.0000e+00	0.0000e+00	-4.6412e-04	-7.2546e-07	2.2076e-06	0.0000e+00
180	0.0000e+00	0.0000e+00	-5.1750e-04	-1.8868e-06	2.8911e-06	0.0000e+00
181	0.0000e+00	0.0000e+00	-6.0858e-04	-2.5652e-06	3.8427e-06	0.0000e+00
182	0.0000e+00	0.0000e+00	-7.1298e-04	-2.5081e-06	4.9438e-06	0.0000e+00
183	0.0000e+00	0.0000e+00	-7.9794e-04	-1.5847e-06	5.9077e-06	0.0000e+00
184	0.0000e+00	0.0000e+00	-8.3134e-04	-1.3130e-08	6.3290e-06	0.0000e+00
185	0.0000e+00	0.0000e+00	-1.0282e-03	4.1307e-06	2.2503e-06	0.0000e+00
186	0.0000e+00	0.0000e+00	-8.5983e-04	4.1827e-06	2.2413e-06	0.0000e+00
187	0.0000e+00	0.0000e+00	-7.0603e-04	3.4068e-06	1.9564e-06	0.0000e+00
188	0.0000e+00	0.0000e+00	-5.9562e-04	2.0513e-06	1.8367e-06	0.0000e+00
189	0.0000e+00	0.0000e+00	-5.4628e-04	3.8790e-07	1.9399e-06	0.0000e+00
190	0.0000e+00	0.0000e+00	-5.6510e-04	-1.3279e-06	2.3199e-06	0.0000e+00
191	0.0000e+00	0.0000e+00	-6.4917e-04	-2.8416e-06	3.0208e-06	0.0000e+00
192	0.0000e+00	0.0000e+00	-7.8455e-04	-3.8430e-06	4.0777e-06	0.0000e+00
193	0.0000e+00	0.0000e+00	-9.4299e-04	-3.9136e-06	5.4563e-06	0.0000e+00
194	0.0000e+00	0.0000e+00	-1.0786e-03	-2.6192e-06	6.8736e-06	0.0000e+00
195	0.0000e+00	0.0000e+00	-1.1346e-03	-4.5457e-08	7.5531e-06	0.0000e+00
196	0.0000e+00	0.0000e+00	-1.1306e-03	4.2680e-06	1.9348e-06	0.0000e+00
197	0.0000e+00	0.0000e+00	-9.5230e-04	4.5158e-06	1.9815e-06	0.0000e+00
198	0.0000e+00	0.0000e+00	-7.8651e-04	3.6634e-06	1.6459e-06	0.0000e+00
199	0.0000e+00	0.0000e+00	-6.7025e-04	2.0917e-06	1.5113e-06	0.0000e+00
200	0.0000e+00	0.0000e+00	-6.2431e-04	1.7278e-07	1.5613e-06	0.0000e+00
201	0.0000e+00	0.0000e+00	-6.5729e-04	-1.8397e-06	1.8145e-06	0.0000e+00
202	0.0000e+00	0.0000e+00	-7.6822e-04	-3.7093e-06	2.3105e-06	0.0000e+00
203	0.0000e+00	0.0000e+00	-9.4564e-04	-5.1353e-06	3.1216e-06	0.0000e+00
204	0.0000e+00	0.0000e+00	-1.1629e-03	-5.6338e-06	4.3562e-06	0.0000e+00
205	0.0000e+00	0.0000e+00	-1.3663e-03	-4.2649e-06	6.0845e-06	0.0000e+00
206	0.0000e+00	0.0000e+00	-1.4581e-03	-4.7462e-08	7.1447e-06	0.0000e+00
207	0.0000e+00	0.0000e+00	-1.0158e-03	4.8251e-06	8.4606e-07	0.0000e+00
208	0.0000e+00	0.0000e+00	-8.4136e-04	3.8210e-06	8.1370e-07	0.0000e+00
209	0.0000e+00	0.0000e+00	-7.2162e-04	2.1201e-06	8.0645e-07	0.0000e+00
210	0.0000e+00	0.0000e+00	-6.7712e-04	7.3995e-08	8.2439e-07	0.0000e+00
211	0.0000e+00	0.0000e+00	-7.1675e-04	-2.0815e-06	8.6762e-07	0.0000e+00
212	0.0000e+00	0.0000e+00	-8.4055e-04	-4.1335e-06	9.4056e-07	0.0000e+00
213	0.0000e+00	0.0000e+00	-1.0392e-03	-5.8167e-06	1.0547e-06	0.0000e+00
214	0.0000e+00	0.0000e+00	-1.2895e-03	-6.6994e-06	1.2417e-06	0.0000e+00
215	0.0000e+00	0.0000e+00	-1.5437e-03	-5.9122e-06	1.5356e-06	0.0000e+00
216	0.0000e+00	0.0000e+00	-9.4511e-04	6.7061e-07	-7.0216e-06	0.0000e+00
217	0.0000e+00	0.0000e+00	-1.2697e-03	7.7585e-07	-7.6736e-06	0.0000e+00
218	0.0000e+00	0.0000e+00	-9.0687e-04	1.0323e-06	-6.7407e-06	0.0000e+00
219	0.0000e+00	0.0000e+00	-1.2170e-03	1.1411e-06	-7.3262e-06	0.0000e+00
220	0.0000e+00	0.0000e+00	-8.6315e-04	9.2992e-07	-6.5018e-06	0.0000e+00
221	0.0000e+00	0.0000e+00	-1.1626e-03	9.8969e-07	-7.1000e-06	0.0000e+00
222	0.0000e+00	0.0000e+00	-8.3134e-04	5.0008e-07	-6.3750e-06	0.0000e+00
223	0.0000e+00	0.0000e+00	-1.1254e-03	4.9267e-07	-6.9876e-06	0.0000e+00
224	0.0000e+00	0.0000e+00	-8.2271e-04	-1.1429e-07	-6.3757e-06	0.0000e+00
225	0.0000e+00	0.0000e+00	-1.1168e-03	-1.9487e-07	-6.9927e-06	0.0000e+00
226	0.0000e+00	0.0000e+00	-8.4223e-04	-7.7127e-07	-6.5060e-06	0.0000e+00
227	0.0000e+00	0.0000e+00	-1.1420e-03	-9.2480e-07	-7.1175e-06	0.0000e+00
228	0.0000e+00	0.0000e+00	-8.8865e-04	-1.3273e-06	-6.7641e-06	0.0000e+00

229	0.0000e+00	0.0000e+00	-1.1996e-03	-1.5481e-06	-7.3604e-06	0.0000e+00
230	0.0000e+00	0.0000e+00	-9.5426e-04	-1.6336e-06	-7.1381e-06	0.0000e+00
231	0.0000e+00	0.0000e+00	-1.2816e-03	-1.9069e-06	-7.7183e-06	0.0000e+00
232	0.0000e+00	0.0000e+00	-1.0248e-03	-1.5399e-06	-7.5725e-06	0.0000e+00
233	0.0000e+00	0.0000e+00	-1.3730e-03	-1.8255e-06	-8.2006e-06	0.0000e+00
234	0.0000e+00	0.0000e+00	-1.0813e-03	-9.9586e-07	-7.8718e-06	0.0000e+00
235	0.0000e+00	0.0000e+00	-6.7541e-04	4.9399e-07	-5.2776e-06	0.0000e+00
236	0.0000e+00	0.0000e+00	-6.4568e-04	7.9874e-07	-5.1468e-06	0.0000e+00
237	0.0000e+00	0.0000e+00	-6.0996e-04	7.6661e-07	-5.0199e-06	0.0000e+00
238	0.0000e+00	0.0000e+00	-5.8239e-04	4.4597e-07	-4.9584e-06	0.0000e+00
239	0.0000e+00	0.0000e+00	-5.7331e-04	-5.1526e-08	-4.9801e-06	0.0000e+00
240	0.0000e+00	0.0000e+00	-5.8762e-04	-5.9209e-07	-5.0866e-06	0.0000e+00
241	0.0000e+00	0.0000e+00	-6.2417e-04	-1.0386e-06	-5.2744e-06	0.0000e+00
242	0.0000e+00	0.0000e+00	-6.7603e-04	-1.2673e-06	-5.5268e-06	0.0000e+00
243	0.0000e+00	0.0000e+00	-7.3164e-04	-1.2016e-06	-5.7909e-06	0.0000e+00
244	0.0000e+00	0.0000e+00	-7.7806e-04	-8.7019e-07	-5.9624e-06	0.0000e+00
245	0.0000e+00	0.0000e+00	-4.9369e-04	4.6078e-07	-3.0239e-06	0.0000e+00
246	0.0000e+00	0.0000e+00	-4.6630e-04	7.3869e-07	-3.0397e-06	0.0000e+00
247	0.0000e+00	0.0000e+00	-4.3275e-04	7.3419e-07	-3.0676e-06	0.0000e+00
248	0.0000e+00	0.0000e+00	-4.0555e-04	4.6104e-07	-3.1151e-06	0.0000e+00
249	0.0000e+00	0.0000e+00	-3.9474e-04	1.1864e-08	-3.1754e-06	0.0000e+00
250	0.0000e+00	0.0000e+00	-4.0526e-04	-4.8265e-07	-3.2413e-06	0.0000e+00
251	0.0000e+00	0.0000e+00	-4.3609e-04	-8.8745e-07	-3.3129e-06	0.0000e+00
252	0.0000e+00	0.0000e+00	-4.8072e-04	-1.0943e-06	-3.3908e-06	0.0000e+00
253	0.0000e+00	0.0000e+00	-5.2909e-04	-1.0560e-06	-3.4638e-06	0.0000e+00
254	0.0000e+00	0.0000e+00	-5.7094e-04	-8.1523e-07	-3.5040e-06	0.0000e+00
255	0.0000e+00	0.0000e+00	-4.1493e-04	5.3233e-07	-5.7538e-07	0.0000e+00
256	0.0000e+00	0.0000e+00	-3.8356e-04	8.4365e-07	-7.4634e-07	0.0000e+00
257	0.0000e+00	0.0000e+00	-3.4496e-04	8.5168e-07	-9.5713e-07	0.0000e+00
258	0.0000e+00	0.0000e+00	-3.1280e-04	5.6236e-07	-1.1436e-06	0.0000e+00
259	0.0000e+00	0.0000e+00	-2.9830e-04	7.5301e-08	-1.2559e-06	0.0000e+00
260	0.0000e+00	0.0000e+00	-3.0700e-04	-4.6218e-07	-1.2720e-06	0.0000e+00
261	0.0000e+00	0.0000e+00	-3.3772e-04	-8.9869e-07	-1.2004e-06	0.0000e+00
262	0.0000e+00	0.0000e+00	-3.8327e-04	-1.1192e-06	-1.0754e-06	0.0000e+00
263	0.0000e+00	0.0000e+00	-4.3286e-04	-1.0832e-06	-9.4351e-07	0.0000e+00
264	0.0000e+00	0.0000e+00	-4.7597e-04	-8.4425e-07	-8.4428e-07	0.0000e+00
265	0.0000e+00	0.0000e+00	-4.4291e-04	7.2554e-07	1.8625e-06	0.0000e+00
266	0.0000e+00	0.0000e+00	-4.0022e-04	1.1469e-06	1.4960e-06	0.0000e+00
267	0.0000e+00	0.0000e+00	-3.4785e-04	1.1553e-06	1.0579e-06	0.0000e+00
268	0.0000e+00	0.0000e+00	-3.0410e-04	7.7366e-07	7.0012e-07	0.0000e+00
269	0.0000e+00	0.0000e+00	-2.8337e-04	1.4165e-07	5.2266e-07	0.0000e+00
270	0.0000e+00	0.0000e+00	-2.9256e-04	-5.4847e-07	5.6362e-07	0.0000e+00
271	0.0000e+00	0.0000e+00	-3.2988e-04	-1.1026e-06	8.0289e-07	0.0000e+00
272	0.0000e+00	0.0000e+00	-3.8576e-04	-1.3708e-06	1.1649e-06	0.0000e+00
273	0.0000e+00	0.0000e+00	-4.4592e-04	-1.2989e-06	1.5309e-06	0.0000e+00
274	0.0000e+00	0.0000e+00	-4.9655e-04	-9.6579e-07	1.7804e-06	0.0000e+00
275	0.0000e+00	0.0000e+00	-5.7318e-04	1.0892e-06	4.1064e-06	0.0000e+00
276	0.0000e+00	0.0000e+00	-5.0932e-04	1.7080e-06	3.4667e-06	0.0000e+00
277	0.0000e+00	0.0000e+00	-4.3216e-04	1.6893e-06	2.7395e-06	0.0000e+00
278	0.0000e+00	0.0000e+00	-3.6873e-04	1.1167e-06	2.1799e-06	0.0000e+00
279	0.0000e+00	0.0000e+00	-3.3877e-04	2.1317e-07	1.9288e-06	0.0000e+00
280	0.0000e+00	0.0000e+00	-3.5105e-04	-7.5689e-07	2.0323e-06	0.0000e+00
281	0.0000e+00	0.0000e+00	-4.0269e-04	-1.5320e-06	2.4615e-06	0.0000e+00
282	0.0000e+00	0.0000e+00	-4.8000e-04	-1.8913e-06	3.1044e-06	0.0000e+00
283	0.0000e+00	0.0000e+00	-5.6176e-04	-1.7321e-06	3.7549e-06	0.0000e+00
284	0.0000e+00	0.0000e+00	-6.2669e-04	-1.1714e-06	4.1680e-06	0.0000e+00
285	0.0000e+00	0.0000e+00	-7.9211e-04	1.7142e-06	5.9081e-06	0.0000e+00
286	0.0000e+00	0.0000e+00	-6.9322e-04	2.6104e-06	4.8830e-06	0.0000e+00
287	0.0000e+00	0.0000e+00	-5.7774e-04	2.4901e-06	3.8202e-06	0.0000e+00
288	0.0000e+00	0.0000e+00	-4.8582e-04	1.5976e-06	3.0642e-06	0.0000e+00
289	0.0000e+00	0.0000e+00	-4.4356e-04	2.8876e-07	2.7511e-06	0.0000e+00
290	0.0000e+00	0.0000e+00	-4.6160e-04	-1.0924e-06	2.9129e-06	0.0000e+00
291	0.0000e+00	0.0000e+00	-5.3581e-04	-2.2118e-06	3.5257e-06	0.0000e+00
292	0.0000e+00	0.0000e+00	-6.4736e-04	-2.7369e-06	4.4780e-06	0.0000e+00
293	0.0000e+00	0.0000e+00	-7.6429e-04	-2.4348e-06	5.4847e-06	0.0000e+00
294	0.0000e+00	0.0000e+00	-8.5096e-04	-1.4327e-06	6.0839e-06	0.0000e+00
295	0.0000e+00	0.0000e+00	-1.0716e-03	2.7461e-06	6.8252e-06	0.0000e+00
296	0.0000e+00	0.0000e+00	-9.1910e-04	3.9108e-06	5.3127e-06	0.0000e+00
297	0.0000e+00	0.0000e+00	-7.5183e-04	3.5214e-06	3.9932e-06	0.0000e+00
298	0.0000e+00	0.0000e+00	-6.2484e-04	2.1691e-06	3.1560e-06	0.0000e+00
299	0.0000e+00	0.0000e+00	-5.6858e-04	3.6052e-07	2.8356e-06	0.0000e+00
300	0.0000e+00	0.0000e+00	-5.9438e-04	-1.5203e-06	3.0246e-06	0.0000e+00

301	0.0000e+00	0.0000e+00	-6.9750e-04	-3.1057e-06	3.7251e-06	0.0000e+00
302	0.0000e+00	0.0000e+00	-8.5552e-04	-3.9381e-06	4.9085e-06	0.0000e+00
303	0.0000e+00	0.0000e+00	-1.0240e-03	-3.4944e-06	6.3307e-06	0.0000e+00
304	0.0000e+00	0.0000e+00	-1.1412e-03	-1.6990e-06	7.1695e-06	0.0000e+00
305	0.0000e+00	0.0000e+00	-1.3553e-03	4.3912e-06	5.9523e-06	0.0000e+00
306	0.0000e+00	0.0000e+00	-1.1319e-03	5.4637e-06	4.1695e-06	0.0000e+00
307	0.0000e+00	0.0000e+00	-9.0919e-04	4.5480e-06	3.0269e-06	0.0000e+00
308	0.0000e+00	0.0000e+00	-7.4913e-04	2.6865e-06	2.3975e-06	0.0000e+00
309	0.0000e+00	0.0000e+00	-6.8066e-04	4.1268e-07	2.1760e-06	0.0000e+00
310	0.0000e+00	0.0000e+00	-7.1407e-04	-1.9282e-06	2.3242e-06	0.0000e+00
311	0.0000e+00	0.0000e+00	-8.4527e-04	-4.0086e-06	2.8685e-06	0.0000e+00
312	0.0000e+00	0.0000e+00	-1.0532e-03	-5.3543e-06	3.9001e-06	0.0000e+00
313	0.0000e+00	0.0000e+00	-1.2875e-03	-5.0509e-06	5.5335e-06	0.0000e+00
314	0.0000e+00	0.0000e+00	-1.4465e-03	-1.9189e-06	6.6888e-06	0.0000e+00
315	0.0000e+00	0.0000e+00	-1.5278e-03	5.8823e-06	1.5154e-06	0.0000e+00
316	0.0000e+00	0.0000e+00	-1.2543e-03	6.3905e-06	1.2376e-06	0.0000e+00
317	0.0000e+00	0.0000e+00	-1.0014e-03	5.0703e-06	1.0901e-06	0.0000e+00
318	0.0000e+00	0.0000e+00	-8.2524e-04	2.9277e-06	1.0225e-06	0.0000e+00
319	0.0000e+00	0.0000e+00	-7.5137e-04	4.2680e-07	1.0083e-06	0.0000e+00
320	0.0000e+00	0.0000e+00	-7.8892e-04	-2.1373e-06	1.0414e-06	0.0000e+00
321	0.0000e+00	0.0000e+00	-9.3460e-04	-4.4860e-06	1.1264e-06	0.0000e+00
322	0.0000e+00	0.0000e+00	-1.1703e-03	-6.2098e-06	1.2872e-06	0.0000e+00
323	0.0000e+00	0.0000e+00	-1.4511e-03	-6.4297e-06	1.5705e-06	0.0000e+00
324	0.0000e+00	0.0000e+00	-1.0731e-03	1.0528e-06	-7.8791e-06	0.0000e+00
325	0.0000e+00	0.0000e+00	-1.0142e-03	1.5910e-06	-7.5903e-06	0.0000e+00
326	0.0000e+00	0.0000e+00	-1.3638e-03	1.8551e-06	-8.2441e-06	0.0000e+00
327	0.0000e+00	0.0000e+00	-9.4175e-04	1.6705e-06	-7.1739e-06	0.0000e+00
328	0.0000e+00	0.0000e+00	-1.2714e-03	1.9129e-06	-7.7875e-06	0.0000e+00
329	0.0000e+00	0.0000e+00	-8.7507e-04	1.3391e-06	-6.8275e-06	0.0000e+00
330	0.0000e+00	0.0000e+00	-1.1896e-03	1.5176e-06	-7.4642e-06	0.0000e+00
331	0.0000e+00	0.0000e+00	-8.2901e-04	7.4314e-07	-6.6084e-06	0.0000e+00
332	0.0000e+00	0.0000e+00	-1.1342e-03	8.4100e-07	-7.2665e-06	0.0000e+00
333	0.0000e+00	0.0000e+00	-8.1201e-04	2.7221e-08	-6.5300e-06	0.0000e+00
334	0.0000e+00	0.0000e+00	-1.1140e-03	3.7248e-08	-7.1992e-06	0.0000e+00
335	0.0000e+00	0.0000e+00	-8.2626e-04	-6.6918e-07	-6.5958e-06	0.0000e+00
336	0.0000e+00	0.0000e+00	-1.1312e-03	-7.4847e-07	-7.2655e-06	0.0000e+00
337	0.0000e+00	0.0000e+00	-8.6787e-04	-1.2073e-06	-6.8050e-06	0.0000e+00
338	0.0000e+00	0.0000e+00	-1.1820e-03	-1.3713e-06	-7.4647e-06	0.0000e+00
339	0.0000e+00	0.0000e+00	-9.2677e-04	-1.4451e-06	-7.1450e-06	0.0000e+00
340	0.0000e+00	0.0000e+00	-1.2560e-03	-1.6782e-06	-7.7944e-06	0.0000e+00
341	0.0000e+00	0.0000e+00	-9.8667e-04	-1.2419e-06	-7.5536e-06	0.0000e+00
342	0.0000e+00	0.0000e+00	-1.3359e-03	-1.4990e-06	-8.2648e-06	0.0000e+00
343	0.0000e+00	0.0000e+00	-1.0272e-03	-5.6710e-07	-7.8124e-06	0.0000e+00
344	0.0000e+00	0.0000e+00	-7.6979e-04	9.3244e-07	-5.9583e-06	0.0000e+00
345	0.0000e+00	0.0000e+00	-7.2063e-04	1.2636e-06	-5.7933e-06	0.0000e+00
346	0.0000e+00	0.0000e+00	-6.6241e-04	1.3234e-06	-5.5425e-06	0.0000e+00
347	0.0000e+00	0.0000e+00	-6.0839e-04	1.0796e-06	-5.3126e-06	0.0000e+00
348	0.0000e+00	0.0000e+00	-5.7062e-04	6.0498e-07	-5.1582e-06	0.0000e+00
349	0.0000e+00	0.0000e+00	-5.5671e-04	1.8579e-08	-5.0972e-06	0.0000e+00
350	0.0000e+00	0.0000e+00	-5.6867e-04	-5.4676e-07	-5.1341e-06	0.0000e+00
351	0.0000e+00	0.0000e+00	-6.0266e-04	-9.5997e-07	-5.2676e-06	0.0000e+00
352	0.0000e+00	0.0000e+00	-6.4941e-04	-1.1081e-06	-5.4813e-06	0.0000e+00
353	0.0000e+00	0.0000e+00	-6.9566e-04	-9.3311e-07	-5.7166e-06	0.0000e+00
354	0.0000e+00	0.0000e+00	-7.2784e-04	-4.9817e-07	-5.8569e-06	0.0000e+00
355	0.0000e+00	0.0000e+00	-5.6298e-04	8.8008e-07	-3.4944e-06	0.0000e+00
356	0.0000e+00	0.0000e+00	-5.1816e-04	1.1261e-06	-3.4584e-06	0.0000e+00
357	0.0000e+00	0.0000e+00	-4.6665e-04	1.1662e-06	-3.3960e-06	0.0000e+00
358	0.0000e+00	0.0000e+00	-4.1895e-04	9.5395e-07	-3.3372e-06	0.0000e+00
359	0.0000e+00	0.0000e+00	-3.8554e-04	5.3196e-07	-3.2946e-06	0.0000e+00
360	0.0000e+00	0.0000e+00	-3.7356e-04	3.2878e-09	-3.2684e-06	0.0000e+00
361	0.0000e+00	0.0000e+00	-3.8489e-04	-5.0212e-07	-3.2584e-06	0.0000e+00
362	0.0000e+00	0.0000e+00	-4.1564e-04	-8.5682e-07	-3.2703e-06	0.0000e+00
363	0.0000e+00	0.0000e+00	-4.5690e-04	-9.6667e-07	-3.3082e-06	0.0000e+00
364	0.0000e+00	0.0000e+00	-4.9701e-04	-8.0804e-07	-3.3614e-06	0.0000e+00
365	0.0000e+00	0.0000e+00	-5.2541e-04	-4.5964e-07	-3.3992e-06	0.0000e+00
366	0.0000e+00	0.0000e+00	-4.6845e-04	9.1027e-07	-8.3337e-07	0.0000e+00
367	0.0000e+00	0.0000e+00	-4.2220e-04	1.1597e-06	-9.3583e-07	0.0000e+00
368	0.0000e+00	0.0000e+00	-3.6905e-04	1.2047e-06	-1.0769e-06	0.0000e+00
369	0.0000e+00	0.0000e+00	-3.1965e-04	9.8746e-07	-1.2190e-06	0.0000e+00
370	0.0000e+00	0.0000e+00	-2.8514e-04	5.4358e-07	-1.3166e-06	0.0000e+00
371	0.0000e+00	0.0000e+00	-2.7335e-04	-1.8269e-08	-1.3360e-06	0.0000e+00
372	0.0000e+00	0.0000e+00	-2.8634e-04	-5.5340e-07	-1.2673e-06	0.0000e+00

373	0.0000e+00	0.0000e+00	-3.1973e-04	-9.1974e-07	-1.1289e-06	0.0000e+00
374	0.0000e+00	0.0000e+00	-3.6363e-04	-1.0182e-06	-9.6368e-07	0.0000e+00
375	0.0000e+00	0.0000e+00	-4.0551e-04	-8.3392e-07	-8.2622e-07	0.0000e+00
376	0.0000e+00	0.0000e+00	-4.3450e-04	-4.6007e-07	-7.6089e-07	0.0000e+00
377	0.0000e+00	0.0000e+00	-4.8948e-04	1.0326e-06	1.7899e-06	0.0000e+00
378	0.0000e+00	0.0000e+00	-4.3557e-04	1.3811e-06	1.5374e-06	0.0000e+00
379	0.0000e+00	0.0000e+00	-3.7145e-04	1.4685e-06	1.1629e-06	0.0000e+00
380	0.0000e+00	0.0000e+00	-3.1101e-04	1.2118e-06	7.8518e-07	0.0000e+00
381	0.0000e+00	0.0000e+00	-2.6882e-04	6.5922e-07	5.2168e-07	0.0000e+00
382	0.0000e+00	0.0000e+00	-2.5505e-04	-4.6830e-08	4.4776e-07	0.0000e+00
383	0.0000e+00	0.0000e+00	-2.7245e-04	-7.2146e-07	5.8537e-07	0.0000e+00
384	0.0000e+00	0.0000e+00	-3.1553e-04	-1.1813e-06	9.0184e-07	0.0000e+00
385	0.0000e+00	0.0000e+00	-3.7156e-04	-1.2916e-06	1.3080e-06	0.0000e+00
386	0.0000e+00	0.0000e+00	-4.2397e-04	-1.0241e-06	1.6685e-06	0.0000e+00
387	0.0000e+00	0.0000e+00	-4.5820e-04	-5.0221e-07	1.8486e-06	0.0000e+00
388	0.0000e+00	0.0000e+00	-6.1997e-04	1.2392e-06	4.1747e-06	0.0000e+00
389	0.0000e+00	0.0000e+00	-5.5163e-04	1.8196e-06	3.7588e-06	0.0000e+00
390	0.0000e+00	0.0000e+00	-4.6555e-04	2.0003e-06	3.1004e-06	0.0000e+00
391	0.0000e+00	0.0000e+00	-3.8300e-04	1.6601e-06	2.4430e-06	0.0000e+00
392	0.0000e+00	0.0000e+00	-3.2547e-04	8.9523e-07	1.9912e-06	0.0000e+00
393	0.0000e+00	0.0000e+00	-3.0722e-04	-8.2675e-08	1.8565e-06	0.0000e+00
394	0.0000e+00	0.0000e+00	-3.3217e-04	-1.0241e-06	2.0690e-06	0.0000e+00
395	0.0000e+00	0.0000e+00	-3.9319e-04	-1.6788e-06	2.5886e-06	0.0000e+00
396	0.0000e+00	0.0000e+00	-4.7276e-04	-1.8361e-06	3.2870e-06	0.0000e+00
397	0.0000e+00	0.0000e+00	-5.4646e-04	-1.4147e-06	3.9326e-06	0.0000e+00
398	0.0000e+00	0.0000e+00	-5.9131e-04	-5.8044e-07	4.2519e-06	0.0000e+00
399	0.0000e+00	0.0000e+00	-8.4445e-04	1.5014e-06	6.0877e-06	0.0000e+00
400	0.0000e+00	0.0000e+00	-7.5426e-04	2.5271e-06	5.4860e-06	0.0000e+00
401	0.0000e+00	0.0000e+00	-6.3268e-04	2.8561e-06	4.4727e-06	0.0000e+00
402	0.0000e+00	0.0000e+00	-5.1531e-04	2.3571e-06	3.5080e-06	0.0000e+00
403	0.0000e+00	0.0000e+00	-4.3428e-04	1.2562e-06	2.8753e-06	0.0000e+00
404	0.0000e+00	0.0000e+00	-4.0896e-04	-1.2424e-07	2.6851e-06	0.0000e+00
405	0.0000e+00	0.0000e+00	-4.4457e-04	-1.4649e-06	2.9613e-06	0.0000e+00
406	0.0000e+00	0.0000e+00	-5.3231e-04	-2.4413e-06	3.6752e-06	0.0000e+00
407	0.0000e+00	0.0000e+00	-6.4888e-04	-2.7204e-06	4.7023e-06	0.0000e+00
408	0.0000e+00	0.0000e+00	-7.5783e-04	-2.0751e-06	5.7242e-06	0.0000e+00
409	0.0000e+00	0.0000e+00	-8.2009e-04	-6.8067e-07	6.2294e-06	0.0000e+00
410	0.0000e+00	0.0000e+00	-1.1348e-03	1.7685e-06	7.1707e-06	0.0000e+00
411	0.0000e+00	0.0000e+00	-1.0140e-03	3.5902e-06	6.3306e-06	0.0000e+00
412	0.0000e+00	0.0000e+00	-8.4062e-04	4.0653e-06	4.9039e-06	0.0000e+00
413	0.0000e+00	0.0000e+00	-6.7630e-04	3.2647e-06	3.7119e-06	0.0000e+00
414	0.0000e+00	0.0000e+00	-5.6559e-04	1.7053e-06	2.9970e-06	0.0000e+00
415	0.0000e+00	0.0000e+00	-5.3140e-04	-1.6616e-07	2.7862e-06	0.0000e+00
416	0.0000e+00	0.0000e+00	-5.7953e-04	-1.9979e-06	3.0759e-06	0.0000e+00
417	0.0000e+00	0.0000e+00	-7.0055e-04	-3.4295e-06	3.8731e-06	0.0000e+00
418	0.0000e+00	0.0000e+00	-8.6718e-04	-3.9880e-06	5.1478e-06	0.0000e+00
419	0.0000e+00	0.0000e+00	-1.0291e-03	-3.1224e-06	6.6298e-06	0.0000e+00
420	0.0000e+00	0.0000e+00	-1.1182e-03	-7.8113e-07	7.4104e-06	0.0000e+00
421	0.0000e+00	0.0000e+00	-1.4401e-03	1.9880e-06	6.6881e-06	0.0000e+00
422	0.0000e+00	0.0000e+00	-1.2775e-03	5.1484e-06	5.5336e-06	0.0000e+00
423	0.0000e+00	0.0000e+00	-1.0381e-03	5.4858e-06	3.8988e-06	0.0000e+00
424	0.0000e+00	0.0000e+00	-8.2367e-04	4.1757e-06	2.8641e-06	0.0000e+00
425	0.0000e+00	0.0000e+00	-6.8443e-04	2.1261e-06	2.3142e-06	0.0000e+00
426	0.0000e+00	0.0000e+00	-6.4193e-04	-1.9854e-07	2.1563e-06	0.0000e+00
427	0.0000e+00	0.0000e+00	-7.0122e-04	-2.4868e-06	2.3624e-06	0.0000e+00
428	0.0000e+00	0.0000e+00	-8.5388e-04	-4.4174e-06	2.9679e-06	0.0000e+00
429	0.0000e+00	0.0000e+00	-1.0741e-03	-5.4944e-06	4.0747e-06	0.0000e+00
430	0.0000e+00	0.0000e+00	-1.3053e-03	-4.7386e-06	5.8056e-06	0.0000e+00
431	0.0000e+00	0.0000e+00	-1.4349e-03	-8.5706e-07	6.9944e-06	0.0000e+00
432	0.0000e+00	0.0000e+00	-1.4411e-03	6.5265e-06	1.5712e-06	0.0000e+00
433	0.0000e+00	0.0000e+00	-1.1553e-03	6.3407e-06	1.2906e-06	0.0000e+00
434	0.0000e+00	0.0000e+00	-9.1306e-04	4.6529e-06	1.1339e-06	0.0000e+00
435	0.0000e+00	0.0000e+00	-7.5933e-04	2.3361e-06	1.0543e-06	0.0000e+00
436	0.0000e+00	0.0000e+00	-7.1263e-04	-2.0997e-07	1.0281e-06	0.0000e+00
437	0.0000e+00	0.0000e+00	-7.7714e-04	-2.7220e-06	1.0506e-06	0.0000e+00
438	0.0000e+00	0.0000e+00	-9.4552e-04	-4.9282e-06	1.1277e-06	0.0000e+00
439	0.0000e+00	0.0000e+00	-1.1953e-03	-6.3997e-06	1.2849e-06	0.0000e+00
440	0.0000e+00	0.0000e+00	-1.4755e-03	-6.1930e-06	1.5728e-06	0.0000e+00
441	0.0000e+00	0.0000e+00	-1.0272e-03	5.6709e-07	-7.8123e-06	0.0000e+00
442	0.0000e+00	0.0000e+00	-9.8666e-04	1.2418e-06	-7.5536e-06	0.0000e+00
443	0.0000e+00	0.0000e+00	-1.3359e-03	1.4990e-06	-8.2648e-06	0.0000e+00
444	0.0000e+00	0.0000e+00	-9.2676e-04	1.4451e-06	-7.1450e-06	0.0000e+00

445	0.0000e+00	0.0000e+00	-1.2559e-03	1.6782e-06	-7.7944e-06	0.0000e+00
446	0.0000e+00	0.0000e+00	-8.6787e-04	1.2072e-06	-6.8050e-06	0.0000e+00
447	0.0000e+00	0.0000e+00	-1.1820e-03	1.3712e-06	-7.4647e-06	0.0000e+00
448	0.0000e+00	0.0000e+00	-8.2626e-04	6.6912e-07	-6.5958e-06	0.0000e+00
449	0.0000e+00	0.0000e+00	-1.1312e-03	7.4840e-07	-7.2655e-06	0.0000e+00
450	0.0000e+00	0.0000e+00	-8.1201e-04	-2.7277e-08	-6.5300e-06	0.0000e+00
451	0.0000e+00	0.0000e+00	-1.1140e-03	-3.7311e-08	-7.1992e-06	0.0000e+00
452	0.0000e+00	0.0000e+00	-8.2901e-04	-7.4319e-07	-6.6084e-06	0.0000e+00
453	0.0000e+00	0.0000e+00	-1.1342e-03	-8.4105e-07	-7.2665e-06	0.0000e+00
454	0.0000e+00	0.0000e+00	-8.7508e-04	-1.3391e-06	-6.8276e-06	0.0000e+00
455	0.0000e+00	0.0000e+00	-1.1896e-03	-1.5176e-06	-7.4642e-06	0.0000e+00
456	0.0000e+00	0.0000e+00	-9.4176e-04	-1.6705e-06	-7.1739e-06	0.0000e+00
457	0.0000e+00	0.0000e+00	-1.2714e-03	-1.9130e-06	-7.7875e-06	0.0000e+00
458	0.0000e+00	0.0000e+00	-1.0142e-03	-1.5910e-06	-7.5903e-06	0.0000e+00
459	0.0000e+00	0.0000e+00	-1.3638e-03	-1.8551e-06	-8.2441e-06	0.0000e+00
460	0.0000e+00	0.0000e+00	-1.0731e-03	-1.0527e-06	-7.8791e-06	0.0000e+00
461	0.0000e+00	0.0000e+00	-7.2784e-04	4.9816e-07	-5.8569e-06	0.0000e+00
462	0.0000e+00	0.0000e+00	-6.9565e-04	9.3309e-07	-5.7166e-06	0.0000e+00
463	0.0000e+00	0.0000e+00	-6.4941e-04	1.1080e-06	-5.4813e-06	0.0000e+00
464	0.0000e+00	0.0000e+00	-6.0266e-04	9.5993e-07	-5.2676e-06	0.0000e+00
465	0.0000e+00	0.0000e+00	-5.6867e-04	5.4672e-07	-5.1341e-06	0.0000e+00
466	0.0000e+00	0.0000e+00	-5.5671e-04	-1.8624e-08	-5.0972e-06	0.0000e+00
467	0.0000e+00	0.0000e+00	-5.7062e-04	-6.0502e-07	-5.1582e-06	0.0000e+00
468	0.0000e+00	0.0000e+00	-6.0840e-04	-1.0797e-06	-5.3126e-06	0.0000e+00
469	0.0000e+00	0.0000e+00	-6.6242e-04	-1.3234e-06	-5.5426e-06	0.0000e+00
470	0.0000e+00	0.0000e+00	-7.2064e-04	-1.2635e-06	-5.7933e-06	0.0000e+00
471	0.0000e+00	0.0000e+00	-7.6979e-04	-9.3239e-07	-5.9583e-06	0.0000e+00
472	0.0000e+00	0.0000e+00	-5.2541e-04	4.5963e-07	-3.3992e-06	0.0000e+00
473	0.0000e+00	0.0000e+00	-4.9700e-04	8.0802e-07	-3.3614e-06	0.0000e+00
474	0.0000e+00	0.0000e+00	-4.5690e-04	9.6665e-07	-3.3082e-06	0.0000e+00
475	0.0000e+00	0.0000e+00	-4.1564e-04	8.5679e-07	-3.2703e-06	0.0000e+00
476	0.0000e+00	0.0000e+00	-3.8489e-04	5.0209e-07	-3.2584e-06	0.0000e+00
477	0.0000e+00	0.0000e+00	-3.7356e-04	-3.3225e-09	-3.2684e-06	0.0000e+00
478	0.0000e+00	0.0000e+00	-3.8554e-04	-5.3199e-07	-3.2946e-06	0.0000e+00
479	0.0000e+00	0.0000e+00	-4.1895e-04	-9.5397e-07	-3.3372e-06	0.0000e+00
480	0.0000e+00	0.0000e+00	-4.6666e-04	-1.1662e-06	-3.3961e-06	0.0000e+00
481	0.0000e+00	0.0000e+00	-5.1816e-04	-1.1261e-06	-3.4585e-06	0.0000e+00
482	0.0000e+00	0.0000e+00	-5.6298e-04	-8.8004e-07	-3.4944e-06	0.0000e+00
483	0.0000e+00	0.0000e+00	-4.3450e-04	4.6007e-07	-7.6087e-07	0.0000e+00
484	0.0000e+00	0.0000e+00	-4.0550e-04	8.3391e-07	-8.2621e-07	0.0000e+00
485	0.0000e+00	0.0000e+00	-3.6363e-04	1.0182e-06	-9.6367e-07	0.0000e+00
486	0.0000e+00	0.0000e+00	-3.1973e-04	9.1972e-07	-1.1289e-06	0.0000e+00
487	0.0000e+00	0.0000e+00	-2.8634e-04	5.5338e-07	-1.2673e-06	0.0000e+00
488	0.0000e+00	0.0000e+00	-2.7335e-04	1.8243e-08	-1.3360e-06	0.0000e+00
489	0.0000e+00	0.0000e+00	-2.8515e-04	-5.4360e-07	-1.3166e-06	0.0000e+00
490	0.0000e+00	0.0000e+00	-3.1965e-04	-9.8747e-07	-1.2190e-06	0.0000e+00
491	0.0000e+00	0.0000e+00	-3.6905e-04	-1.2047e-06	-1.0770e-06	0.0000e+00
492	0.0000e+00	0.0000e+00	-4.2221e-04	-1.1597e-06	-9.3586e-07	0.0000e+00
493	0.0000e+00	0.0000e+00	-4.6845e-04	-9.1024e-07	-8.3340e-07	0.0000e+00
494	0.0000e+00	0.0000e+00	-4.5820e-04	5.0221e-07	1.8486e-06	0.0000e+00
495	0.0000e+00	0.0000e+00	-4.2397e-04	1.0241e-06	1.6685e-06	0.0000e+00
496	0.0000e+00	0.0000e+00	-3.7156e-04	1.2916e-06	1.3080e-06	0.0000e+00
497	0.0000e+00	0.0000e+00	-3.1553e-04	1.1813e-06	9.0184e-07	0.0000e+00
498	0.0000e+00	0.0000e+00	-2.7245e-04	7.2144e-07	5.8537e-07	0.0000e+00
499	0.0000e+00	0.0000e+00	-2.5505e-04	4.6811e-08	4.4775e-07	0.0000e+00
500	0.0000e+00	0.0000e+00	-2.6882e-04	-6.5924e-07	5.2166e-07	0.0000e+00
501	0.0000e+00	0.0000e+00	-3.1101e-04	-1.2118e-06	7.8515e-07	0.0000e+00
502	0.0000e+00	0.0000e+00	-3.7145e-04	-1.4685e-06	1.1629e-06	0.0000e+00
503	0.0000e+00	0.0000e+00	-4.3557e-04	-1.3810e-06	1.5374e-06	0.0000e+00
504	0.0000e+00	0.0000e+00	-4.8948e-04	-1.0326e-06	1.7899e-06	0.0000e+00
505	0.0000e+00	0.0000e+00	-5.9131e-04	5.8043e-07	4.2519e-06	0.0000e+00
506	0.0000e+00	0.0000e+00	-5.4646e-04	1.4147e-06	3.9326e-06	0.0000e+00
507	0.0000e+00	0.0000e+00	-4.7276e-04	1.8361e-06	3.2871e-06	0.0000e+00
508	0.0000e+00	0.0000e+00	-3.9319e-04	1.6788e-06	2.5886e-06	0.0000e+00
509	0.0000e+00	0.0000e+00	-3.3217e-04	1.0241e-06	2.0690e-06	0.0000e+00
510	0.0000e+00	0.0000e+00	-3.0722e-04	8.2661e-08	1.8565e-06	0.0000e+00
511	0.0000e+00	0.0000e+00	-3.2547e-04	-8.9524e-07	1.9912e-06	0.0000e+00
512	0.0000e+00	0.0000e+00	-3.8301e-04	-1.6601e-06	2.4430e-06	0.0000e+00
513	0.0000e+00	0.0000e+00	-4.6555e-04	-2.0003e-06	3.1004e-06	0.0000e+00
514	0.0000e+00	0.0000e+00	-5.5163e-04	-1.8196e-06	3.7588e-06	0.0000e+00
515	0.0000e+00	0.0000e+00	-6.1997e-04	-1.2392e-06	4.1747e-06	0.0000e+00
516	0.0000e+00	0.0000e+00	-8.2009e-04	6.8067e-07	6.2294e-06	0.0000e+00

517	0.0000e+00	0.0000e+00	-7.5783e-04	2.0751e-06	5.7242e-06	0.0000e+00
518	0.0000e+00	0.0000e+00	-6.4888e-04	2.7204e-06	4.7023e-06	0.0000e+00
519	0.0000e+00	0.0000e+00	-5.3231e-04	2.4413e-06	3.6752e-06	0.0000e+00
520	0.0000e+00	0.0000e+00	-4.4457e-04	1.4649e-06	2.9613e-06	0.0000e+00
521	0.0000e+00	0.0000e+00	-4.0896e-04	1.2423e-07	2.6851e-06	0.0000e+00
522	0.0000e+00	0.0000e+00	-4.3428e-04	-1.2562e-06	2.8753e-06	0.0000e+00
523	0.0000e+00	0.0000e+00	-5.1531e-04	-2.3571e-06	3.5080e-06	0.0000e+00
524	0.0000e+00	0.0000e+00	-6.3268e-04	-2.8561e-06	4.4727e-06	0.0000e+00
525	0.0000e+00	0.0000e+00	-7.5426e-04	-2.5271e-06	5.4859e-06	0.0000e+00
526	0.0000e+00	0.0000e+00	-8.4446e-04	-1.5014e-06	6.0876e-06	0.0000e+00
527	0.0000e+00	0.0000e+00	-1.1182e-03	7.8113e-07	7.4104e-06	0.0000e+00
528	0.0000e+00	0.0000e+00	-1.0291e-03	3.1224e-06	6.6298e-06	0.0000e+00
529	0.0000e+00	0.0000e+00	-8.6718e-04	3.9880e-06	5.1478e-06	0.0000e+00
530	0.0000e+00	0.0000e+00	-7.0055e-04	3.4295e-06	3.8731e-06	0.0000e+00
531	0.0000e+00	0.0000e+00	-5.7953e-04	1.9978e-06	3.0759e-06	0.0000e+00
532	0.0000e+00	0.0000e+00	-5.3140e-04	1.6615e-07	2.7862e-06	0.0000e+00
533	0.0000e+00	0.0000e+00	-5.6559e-04	-1.7053e-06	2.9970e-06	0.0000e+00
534	0.0000e+00	0.0000e+00	-6.7631e-04	-3.2647e-06	3.7118e-06	0.0000e+00
535	0.0000e+00	0.0000e+00	-8.4062e-04	-4.0653e-06	4.9039e-06	0.0000e+00
536	0.0000e+00	0.0000e+00	-1.0140e-03	-3.5902e-06	6.3306e-06	0.0000e+00
537	0.0000e+00	0.0000e+00	-1.1348e-03	-1.7685e-06	7.1707e-06	0.0000e+00
538	0.0000e+00	0.0000e+00	-1.4349e-03	8.5707e-07	6.9944e-06	0.0000e+00
539	0.0000e+00	0.0000e+00	-1.3053e-03	4.7386e-06	5.8056e-06	0.0000e+00
540	0.0000e+00	0.0000e+00	-1.0741e-03	5.4943e-06	4.0746e-06	0.0000e+00
541	0.0000e+00	0.0000e+00	-8.5388e-04	4.4174e-06	2.9679e-06	0.0000e+00
542	0.0000e+00	0.0000e+00	-7.0122e-04	2.4867e-06	2.3624e-06	0.0000e+00
543	0.0000e+00	0.0000e+00	-6.4193e-04	1.9853e-07	2.1563e-06	0.0000e+00
544	0.0000e+00	0.0000e+00	-6.8443e-04	-2.1261e-06	2.3142e-06	0.0000e+00
545	0.0000e+00	0.0000e+00	-8.2367e-04	-4.1757e-06	2.8641e-06	0.0000e+00
546	0.0000e+00	0.0000e+00	-1.0381e-03	-5.4858e-06	3.8988e-06	0.0000e+00
547	0.0000e+00	0.0000e+00	-1.2775e-03	-5.1483e-06	5.5336e-06	0.0000e+00
548	0.0000e+00	0.0000e+00	-1.4401e-03	-1.9880e-06	6.6881e-06	0.0000e+00
549	0.0000e+00	0.0000e+00	-1.4755e-03	6.1930e-06	1.5728e-06	0.0000e+00
550	0.0000e+00	0.0000e+00	-1.1953e-03	6.3997e-06	1.2849e-06	0.0000e+00
551	0.0000e+00	0.0000e+00	-9.4551e-04	4.9282e-06	1.1277e-06	0.0000e+00
552	0.0000e+00	0.0000e+00	-7.7714e-04	2.7220e-06	1.0506e-06	0.0000e+00
553	0.0000e+00	0.0000e+00	-7.1263e-04	2.0996e-07	1.0281e-06	0.0000e+00
554	0.0000e+00	0.0000e+00	-7.5934e-04	-2.3361e-06	1.0543e-06	0.0000e+00
555	0.0000e+00	0.0000e+00	-9.1306e-04	-4.6529e-06	1.1339e-06	0.0000e+00
556	0.0000e+00	0.0000e+00	-1.1553e-03	-6.3407e-06	1.2906e-06	0.0000e+00
557	0.0000e+00	0.0000e+00	-1.4411e-03	-6.5265e-06	1.5712e-06	0.0000e+00
558	0.0000e+00	0.0000e+00	-1.0812e-03	9.9587e-07	-7.8717e-06	0.0000e+00
559	0.0000e+00	0.0000e+00	-1.0248e-03	1.5398e-06	-7.5724e-06	0.0000e+00
560	0.0000e+00	0.0000e+00	-1.3730e-03	1.8255e-06	-8.2006e-06	0.0000e+00
561	0.0000e+00	0.0000e+00	-9.5424e-04	1.6335e-06	-7.1380e-06	0.0000e+00
562	0.0000e+00	0.0000e+00	-1.2816e-03	1.9068e-06	-7.7182e-06	0.0000e+00
563	0.0000e+00	0.0000e+00	-8.8864e-04	1.3271e-06	-6.7641e-06	0.0000e+00
564	0.0000e+00	0.0000e+00	-1.1996e-03	1.5479e-06	-7.3603e-06	0.0000e+00
565	0.0000e+00	0.0000e+00	-8.4223e-04	7.7112e-07	-6.5060e-06	0.0000e+00
566	0.0000e+00	0.0000e+00	-1.1420e-03	9.2462e-07	-7.1175e-06	0.0000e+00
567	0.0000e+00	0.0000e+00	-8.2271e-04	1.1412e-07	-6.3757e-06	0.0000e+00
568	0.0000e+00	0.0000e+00	-1.1168e-03	1.9468e-07	-6.9927e-06	0.0000e+00
569	0.0000e+00	0.0000e+00	-8.3136e-04	-5.0024e-07	-6.3751e-06	0.0000e+00
570	0.0000e+00	0.0000e+00	-1.1254e-03	-4.9285e-07	-6.9876e-06	0.0000e+00
571	0.0000e+00	0.0000e+00	-8.6317e-04	-9.3007e-07	-6.5019e-06	0.0000e+00
572	0.0000e+00	0.0000e+00	-1.1627e-03	-9.8986e-07	-7.1001e-06	0.0000e+00
573	0.0000e+00	0.0000e+00	-9.0689e-04	-1.0324e-06	-6.7408e-06	0.0000e+00
574	0.0000e+00	0.0000e+00	-1.2170e-03	-1.1412e-06	-7.3263e-06	0.0000e+00
575	0.0000e+00	0.0000e+00	-9.4514e-04	-6.7068e-07	-7.0217e-06	0.0000e+00
576	0.0000e+00	0.0000e+00	-1.2697e-03	-7.7592e-07	-7.6737e-06	0.0000e+00
577	0.0000e+00	0.0000e+00	-9.5697e-04	1.5936e-07	-7.1095e-06	0.0000e+00
578	0.0000e+00	0.0000e+00	-7.7804e-04	8.7019e-07	-5.9623e-06	0.0000e+00
579	0.0000e+00	0.0000e+00	-7.3163e-04	1.2015e-06	-5.7908e-06	0.0000e+00
580	0.0000e+00	0.0000e+00	-6.7602e-04	1.2672e-06	-5.5267e-06	0.0000e+00
581	0.0000e+00	0.0000e+00	-6.2417e-04	1.0385e-06	-5.2743e-06	0.0000e+00
582	0.0000e+00	0.0000e+00	-5.8762e-04	5.9197e-07	-5.0866e-06	0.0000e+00
583	0.0000e+00	0.0000e+00	-5.7332e-04	5.1394e-08	-4.9801e-06	0.0000e+00
584	0.0000e+00	0.0000e+00	-5.8240e-04	-4.4610e-07	-4.9584e-06	0.0000e+00
585	0.0000e+00	0.0000e+00	-6.0998e-04	-7.6673e-07	-5.0199e-06	0.0000e+00
586	0.0000e+00	0.0000e+00	-6.4570e-04	-7.9884e-07	-5.1469e-06	0.0000e+00
587	0.0000e+00	0.0000e+00	-6.7543e-04	-4.9404e-07	-5.2777e-06	0.0000e+00
588	0.0000e+00	0.0000e+00	-6.8540e-04	6.6012e-08	-5.2919e-06	0.0000e+00

589	0.0000e+00	0.0000e+00	-5.7093e-04	8.1523e-07	-3.5039e-06	0.0000e+00
590	0.0000e+00	0.0000e+00	-5.2908e-04	1.0559e-06	-3.4638e-06	0.0000e+00
591	0.0000e+00	0.0000e+00	-4.8071e-04	1.0942e-06	-3.3907e-06	0.0000e+00
592	0.0000e+00	0.0000e+00	-4.3608e-04	8.8737e-07	-3.3128e-06	0.0000e+00
593	0.0000e+00	0.0000e+00	-4.0526e-04	4.8256e-07	-3.2413e-06	0.0000e+00
594	0.0000e+00	0.0000e+00	-3.9474e-04	-1.1964e-08	-3.1754e-06	0.0000e+00
595	0.0000e+00	0.0000e+00	-4.0556e-04	-4.6114e-07	-3.1152e-06	0.0000e+00
596	0.0000e+00	0.0000e+00	-4.3276e-04	-7.3428e-07	-3.0677e-06	0.0000e+00
597	0.0000e+00	0.0000e+00	-4.6632e-04	-7.3876e-07	-3.0399e-06	0.0000e+00
598	0.0000e+00	0.0000e+00	-4.9371e-04	-4.6082e-07	-3.0241e-06	0.0000e+00
599	0.0000e+00	0.0000e+00	-5.0418e-04	-1.2745e-10	-2.9922e-06	0.0000e+00
600	0.0000e+00	0.0000e+00	-4.7596e-04	8.4425e-07	-8.4422e-07	0.0000e+00
601	0.0000e+00	0.0000e+00	-4.3285e-04	1.0832e-06	-9.4346e-07	0.0000e+00
602	0.0000e+00	0.0000e+00	-3.8327e-04	1.1192e-06	-1.0753e-06	0.0000e+00
603	0.0000e+00	0.0000e+00	-3.3772e-04	8.9864e-07	-1.2004e-06	0.0000e+00
604	0.0000e+00	0.0000e+00	-3.0699e-04	4.6211e-07	-1.2720e-06	0.0000e+00
605	0.0000e+00	0.0000e+00	-2.9830e-04	-7.5374e-08	-1.2560e-06	0.0000e+00
606	0.0000e+00	0.0000e+00	-3.1281e-04	-5.6244e-07	-1.1437e-06	0.0000e+00
607	0.0000e+00	0.0000e+00	-3.4496e-04	-8.5175e-07	-9.5720e-07	0.0000e+00
608	0.0000e+00	0.0000e+00	-3.8357e-04	-8.4370e-07	-7.4643e-07	0.0000e+00
609	0.0000e+00	0.0000e+00	-4.1494e-04	-5.3236e-07	-5.7549e-07	0.0000e+00
610	0.0000e+00	0.0000e+00	-4.2773e-04	-3.3059e-08	-5.0025e-07	0.0000e+00
611	0.0000e+00	0.0000e+00	-4.9655e-04	9.6580e-07	1.7804e-06	0.0000e+00
612	0.0000e+00	0.0000e+00	-4.4591e-04	1.2988e-06	1.5309e-06	0.0000e+00
613	0.0000e+00	0.0000e+00	-3.8575e-04	1.3708e-06	1.1650e-06	0.0000e+00
614	0.0000e+00	0.0000e+00	-3.2988e-04	1.1026e-06	8.0291e-07	0.0000e+00
615	0.0000e+00	0.0000e+00	-2.9256e-04	5.4842e-07	5.6362e-07	0.0000e+00
616	0.0000e+00	0.0000e+00	-2.8337e-04	-1.4170e-07	5.2264e-07	0.0000e+00
617	0.0000e+00	0.0000e+00	-3.0410e-04	-7.7371e-07	7.0008e-07	0.0000e+00
618	0.0000e+00	0.0000e+00	-3.4786e-04	-1.1554e-06	1.0578e-06	0.0000e+00
619	0.0000e+00	0.0000e+00	-4.0023e-04	-1.1469e-06	1.4959e-06	0.0000e+00
620	0.0000e+00	0.0000e+00	-4.4292e-04	-7.2556e-07	1.8624e-06	0.0000e+00
621	0.0000e+00	0.0000e+00	-4.6024e-04	-3.6903e-08	2.0001e-06	0.0000e+00
622	0.0000e+00	0.0000e+00	-6.2669e-04	1.1714e-06	4.1680e-06	0.0000e+00
623	0.0000e+00	0.0000e+00	-5.6175e-04	1.7321e-06	3.7549e-06	0.0000e+00
624	0.0000e+00	0.0000e+00	-4.7999e-04	1.8912e-06	3.1044e-06	0.0000e+00
625	0.0000e+00	0.0000e+00	-4.0268e-04	1.5320e-06	2.4615e-06	0.0000e+00
626	0.0000e+00	0.0000e+00	-3.5105e-04	7.5686e-07	2.0323e-06	0.0000e+00
627	0.0000e+00	0.0000e+00	-3.3877e-04	-2.1321e-07	1.9288e-06	0.0000e+00
628	0.0000e+00	0.0000e+00	-3.6873e-04	-1.1167e-06	2.1799e-06	0.0000e+00
629	0.0000e+00	0.0000e+00	-4.3217e-04	-1.6893e-06	2.7395e-06	0.0000e+00
630	0.0000e+00	0.0000e+00	-5.0932e-04	-1.7080e-06	3.4666e-06	0.0000e+00
631	0.0000e+00	0.0000e+00	-5.7319e-04	-1.0892e-06	4.1064e-06	0.0000e+00
632	0.0000e+00	0.0000e+00	-5.9852e-04	-1.8397e-08	4.3485e-06	0.0000e+00
633	0.0000e+00	0.0000e+00	-8.5095e-04	1.4327e-06	6.0839e-06	0.0000e+00
634	0.0000e+00	0.0000e+00	-7.6428e-04	2.4348e-06	5.4847e-06	0.0000e+00
635	0.0000e+00	0.0000e+00	-6.4735e-04	2.7369e-06	4.4780e-06	0.0000e+00
636	0.0000e+00	0.0000e+00	-5.3581e-04	2.2117e-06	3.5257e-06	0.0000e+00
637	0.0000e+00	0.0000e+00	-4.6160e-04	1.0924e-06	2.9129e-06	0.0000e+00
638	0.0000e+00	0.0000e+00	-4.4356e-04	-2.8878e-07	2.7511e-06	0.0000e+00
639	0.0000e+00	0.0000e+00	-4.8582e-04	-1.5976e-06	3.0642e-06	0.0000e+00
640	0.0000e+00	0.0000e+00	-5.7774e-04	-2.4901e-06	3.8201e-06	0.0000e+00
641	0.0000e+00	0.0000e+00	-6.9322e-04	-2.6104e-06	4.8829e-06	0.0000e+00
642	0.0000e+00	0.0000e+00	-7.9211e-04	-1.7142e-06	5.9081e-06	0.0000e+00
643	0.0000e+00	0.0000e+00	-8.3134e-04	1.3128e-08	6.3290e-06	0.0000e+00
644	0.0000e+00	0.0000e+00	-1.1412e-03	1.6990e-06	7.1696e-06	0.0000e+00
645	0.0000e+00	0.0000e+00	-1.0240e-03	3.4944e-06	6.3307e-06	0.0000e+00
646	0.0000e+00	0.0000e+00	-8.5552e-04	3.9381e-06	4.9085e-06	0.0000e+00
647	0.0000e+00	0.0000e+00	-6.9750e-04	3.1057e-06	3.7251e-06	0.0000e+00
648	0.0000e+00	0.0000e+00	-5.9437e-04	1.5203e-06	3.0246e-06	0.0000e+00
649	0.0000e+00	0.0000e+00	-5.6857e-04	-3.6054e-07	2.8356e-06	0.0000e+00
650	0.0000e+00	0.0000e+00	-6.2484e-04	-2.1691e-06	3.1560e-06	0.0000e+00
651	0.0000e+00	0.0000e+00	-7.5183e-04	-3.5214e-06	3.9932e-06	0.0000e+00
652	0.0000e+00	0.0000e+00	-9.1910e-04	-3.9108e-06	5.3127e-06	0.0000e+00
653	0.0000e+00	0.0000e+00	-1.0716e-03	-2.7461e-06	6.8252e-06	0.0000e+00
654	0.0000e+00	0.0000e+00	-1.1346e-03	4.5458e-08	7.5531e-06	0.0000e+00
655	0.0000e+00	0.0000e+00	-1.4465e-03	1.9189e-06	6.6888e-06	0.0000e+00
656	0.0000e+00	0.0000e+00	-1.2875e-03	5.0509e-06	5.5335e-06	0.0000e+00
657	0.0000e+00	0.0000e+00	-1.0532e-03	5.3543e-06	3.9001e-06	0.0000e+00
658	0.0000e+00	0.0000e+00	-8.4527e-04	4.0086e-06	2.8685e-06	0.0000e+00
659	0.0000e+00	0.0000e+00	-7.1407e-04	1.9281e-06	2.3243e-06	0.0000e+00
660	0.0000e+00	0.0000e+00	-6.8066e-04	-4.1270e-07	2.1760e-06	0.0000e+00

661	0.0000e+00	0.0000e+00	-7.4913e-04	-2.6865e-06	2.3975e-06	0.0000e+00
662	0.0000e+00	0.0000e+00	-9.0919e-04	-4.5480e-06	3.0269e-06	0.0000e+00
663	0.0000e+00	0.0000e+00	-1.1319e-03	-5.4638e-06	4.1695e-06	0.0000e+00
664	0.0000e+00	0.0000e+00	-1.3553e-03	-4.3912e-06	5.9523e-06	0.0000e+00
665	0.0000e+00	0.0000e+00	-1.4581e-03	4.7469e-08	7.1447e-06	0.0000e+00
666	0.0000e+00	0.0000e+00	-1.4511e-03	6.4297e-06	1.5705e-06	0.0000e+00
667	0.0000e+00	0.0000e+00	-1.1703e-03	6.2098e-06	1.2872e-06	0.0000e+00
668	0.0000e+00	0.0000e+00	-9.3459e-04	4.4860e-06	1.1264e-06	0.0000e+00
669	0.0000e+00	0.0000e+00	-7.8892e-04	2.1373e-06	1.0414e-06	0.0000e+00
670	0.0000e+00	0.0000e+00	-7.5137e-04	-4.2681e-07	1.0083e-06	0.0000e+00
671	0.0000e+00	0.0000e+00	-8.2524e-04	-2.9277e-06	1.0225e-06	0.0000e+00
672	0.0000e+00	0.0000e+00	-1.0014e-03	-5.0703e-06	1.0901e-06	0.0000e+00
673	0.0000e+00	0.0000e+00	-1.2543e-03	-6.3905e-06	1.2376e-06	0.0000e+00
674	0.0000e+00	0.0000e+00	-1.5278e-03	-5.8823e-06	1.5155e-06	0.0000e+00
675	0.0000e+00	0.0000e+00	-9.3450e-04	9.2160e-07	-6.8245e-06	0.0000e+00
676	0.0000e+00	0.0000e+00	-1.2499e-03	1.3181e-06	-7.4455e-06	0.0000e+00
677	0.0000e+00	0.0000e+00	-8.8951e-04	1.2811e-06	-6.3489e-06	0.0000e+00
678	0.0000e+00	0.0000e+00	-1.1801e-03	1.7069e-06	-6.8247e-06	0.0000e+00
679	0.0000e+00	0.0000e+00	-8.3888e-04	1.2120e-06	-5.8633e-06	0.0000e+00
680	0.0000e+00	0.0000e+00	-1.1065e-03	1.6228e-06	-6.2834e-06	0.0000e+00
681	0.0000e+00	0.0000e+00	-7.9790e-04	8.0691e-07	-5.4284e-06	0.0000e+00
682	0.0000e+00	0.0000e+00	-1.0452e-03	1.1963e-06	-5.8032e-06	0.0000e+00
683	0.0000e+00	0.0000e+00	-7.7792e-04	1.6957e-07	-5.0494e-06	0.0000e+00
684	0.0000e+00	0.0000e+00	-1.0075e-03	5.4461e-07	-5.3752e-06	0.0000e+00
685	0.0000e+00	0.0000e+00	-7.8617e-04	-5.9611e-07	-4.7142e-06	0.0000e+00
686	0.0000e+00	0.0000e+00	-9.9992e-04	-2.2274e-07	-4.9915e-06	0.0000e+00
687	0.0000e+00	0.0000e+00	-8.2566e-04	-1.3832e-06	-4.4062e-06	0.0000e+00
688	0.0000e+00	0.0000e+00	-1.0251e-03	-9.9921e-07	-4.6450e-06	0.0000e+00
689	0.0000e+00	0.0000e+00	-8.9499e-04	-2.0761e-06	-4.1115e-06	0.0000e+00
690	0.0000e+00	0.0000e+00	-1.0812e-03	-1.6782e-06	-4.3337e-06	0.0000e+00
691	0.0000e+00	0.0000e+00	-9.8764e-04	-2.5309e-06	-3.8397e-06	0.0000e+00
692	0.0000e+00	0.0000e+00	-1.1622e-03	-2.1523e-06	-4.0753e-06	0.0000e+00
693	0.0000e+00	0.0000e+00	-1.0910e-03	-2.5836e-06	-3.4544e-06	0.0000e+00
694	0.0000e+00	0.0000e+00	-6.7228e-04	5.5941e-07	-5.1319e-06	0.0000e+00
695	0.0000e+00	0.0000e+00	-6.4331e-04	8.2528e-07	-4.8568e-06	0.0000e+00
696	0.0000e+00	0.0000e+00	-6.0995e-04	7.7488e-07	-4.5534e-06	0.0000e+00
697	0.0000e+00	0.0000e+00	-5.8486e-04	4.2090e-07	-4.2681e-06	0.0000e+00
698	0.0000e+00	0.0000e+00	-5.7897e-04	-1.6981e-07	-4.0093e-06	0.0000e+00
699	0.0000e+00	0.0000e+00	-5.9997e-04	-9.0579e-07	-3.7665e-06	0.0000e+00
700	0.0000e+00	0.0000e+00	-6.5156e-04	-1.6805e-06	-3.5246e-06	0.0000e+00
701	0.0000e+00	0.0000e+00	-7.3286e-04	-2.3704e-06	-3.2719e-06	0.0000e+00
702	0.0000e+00	0.0000e+00	-8.3758e-04	-2.8271e-06	-3.0189e-06	0.0000e+00
703	0.0000e+00	0.0000e+00	-9.5220e-04	-2.8414e-06	-2.6796e-06	0.0000e+00
704	0.0000e+00	0.0000e+00	-4.9576e-04	3.9680e-07	-2.9316e-06	0.0000e+00
705	0.0000e+00	0.0000e+00	-4.7442e-04	6.1706e-07	-2.8511e-06	0.0000e+00
706	0.0000e+00	0.0000e+00	-4.4948e-04	5.6507e-07	-2.7685e-06	0.0000e+00
707	0.0000e+00	0.0000e+00	-4.3248e-04	2.2349e-07	-2.6880e-06	0.0000e+00
708	0.0000e+00	0.0000e+00	-4.3430e-04	-3.6318e-07	-2.5992e-06	0.0000e+00
709	0.0000e+00	0.0000e+00	-4.6316e-04	-1.1106e-06	-2.4864e-06	0.0000e+00
710	0.0000e+00	0.0000e+00	-5.2333e-04	-1.9084e-06	-2.3378e-06	0.0000e+00
711	0.0000e+00	0.0000e+00	-6.1420e-04	-2.6232e-06	-2.1511e-06	0.0000e+00
712	0.0000e+00	0.0000e+00	-7.2931e-04	-3.0931e-06	-1.9415e-06	0.0000e+00
713	0.0000e+00	0.0000e+00	-8.5427e-04	-3.0902e-06	-1.6836e-06	0.0000e+00
714	0.0000e+00	0.0000e+00	-4.1993e-04	3.9801e-07	-5.3307e-07	0.0000e+00
715	0.0000e+00	0.0000e+00	-3.9791e-04	6.4713e-07	-6.4721e-07	0.0000e+00
716	0.0000e+00	0.0000e+00	-3.7141e-04	6.0714e-07	-8.0652e-07	0.0000e+00
717	0.0000e+00	0.0000e+00	-3.5287e-04	2.5110e-07	-9.6327e-07	0.0000e+00
718	0.0000e+00	0.0000e+00	-3.5430e-04	-3.7691e-07	-1.0747e-06	0.0000e+00
719	0.0000e+00	0.0000e+00	-3.8483e-04	-1.1837e-06	-1.1129e-06	0.0000e+00
720	0.0000e+00	0.0000e+00	-4.4921e-04	-2.0450e-06	-1.0685e-06	0.0000e+00
721	0.0000e+00	0.0000e+00	-5.4666e-04	-2.8125e-06	-9.5032e-07	0.0000e+00
722	0.0000e+00	0.0000e+00	-6.7005e-04	-3.3126e-06	-7.7906e-07	0.0000e+00
723	0.0000e+00	0.0000e+00	-8.0407e-04	-3.3214e-06	-5.9361e-07	0.0000e+00
724	0.0000e+00	0.0000e+00	-4.4898e-04	5.6932e-07	1.8673e-06	0.0000e+00
725	0.0000e+00	0.0000e+00	-4.1743e-04	9.3797e-07	1.5338e-06	0.0000e+00
726	0.0000e+00	0.0000e+00	-3.7828e-04	9.3309e-07	1.1011e-06	0.0000e+00
727	0.0000e+00	0.0000e+00	-3.4735e-04	5.3325e-07	6.8109e-07	0.0000e+00
728	0.0000e+00	0.0000e+00	-3.3933e-04	-1.9189e-07	3.5532e-07	0.0000e+00
729	0.0000e+00	0.0000e+00	-3.6486e-04	-1.1186e-06	1.6468e-07	0.0000e+00
730	0.0000e+00	0.0000e+00	-4.2903e-04	-2.0952e-06	1.1460e-07	0.0000e+00
731	0.0000e+00	0.0000e+00	-5.3043e-04	-2.9524e-06	1.8248e-07	0.0000e+00
732	0.0000e+00	0.0000e+00	-6.6063e-04	-3.5056e-06	3.3830e-07	0.0000e+00



733	0.0000e+00	0.0000e+00	-8.0292e-04	-3.5377e-06	4.6683e-07	0.0000e+00
734	0.0000e+00	0.0000e+00	-5.7916e-04	9.4254e-07	4.0943e-06	0.0000e+00
735	0.0000e+00	0.0000e+00	-5.2760e-04	1.5353e-06	3.4883e-06	0.0000e+00
736	0.0000e+00	0.0000e+00	-4.6308e-04	1.5778e-06	2.7378e-06	0.0000e+00
737	0.0000e+00	0.0000e+00	-4.0795e-04	1.0845e-06	2.0385e-06	0.0000e+00
738	0.0000e+00	0.0000e+00	-3.8124e-04	1.8817e-07	1.5068e-06	0.0000e+00
739	0.0000e+00	0.0000e+00	-3.9554e-04	-9.3200e-07	1.1863e-06	0.0000e+00
740	0.0000e+00	0.0000e+00	-4.5593e-04	-2.0846e-06	1.0712e-06	0.0000e+00
741	0.0000e+00	0.0000e+00	-5.5976e-04	-3.0729e-06	1.1212e-06	0.0000e+00
742	0.0000e+00	0.0000e+00	-6.9645e-04	-3.6979e-06	1.2915e-06	0.0000e+00
743	0.0000e+00	0.0000e+00	-8.4687e-04	-3.7449e-06	1.3773e-06	0.0000e+00
744	0.0000e+00	0.0000e+00	-7.9794e-04	1.5847e-06	5.9077e-06	0.0000e+00
745	0.0000e+00	0.0000e+00	-7.1299e-04	2.5081e-06	4.9438e-06	0.0000e+00
746	0.0000e+00	0.0000e+00	-6.0858e-04	2.5652e-06	3.8427e-06	0.0000e+00
747	0.0000e+00	0.0000e+00	-5.1750e-04	1.8868e-06	2.8911e-06	0.0000e+00
748	0.0000e+00	0.0000e+00	-4.6412e-04	7.2550e-07	2.2076e-06	0.0000e+00
749	0.0000e+00	0.0000e+00	-4.6257e-04	-6.6616e-07	1.8117e-06	0.0000e+00
750	0.0000e+00	0.0000e+00	-5.1730e-04	-2.0547e-06	1.6780e-06	0.0000e+00
751	0.0000e+00	0.0000e+00	-6.2362e-04	-3.2124e-06	1.7492e-06	0.0000e+00
752	0.0000e+00	0.0000e+00	-7.6778e-04	-3.9162e-06	1.9651e-06	0.0000e+00
753	0.0000e+00	0.0000e+00	-9.2680e-04	-3.9455e-06	2.0155e-06	0.0000e+00
754	0.0000e+00	0.0000e+00	-1.0786e-03	2.6192e-06	6.8736e-06	0.0000e+00
755	0.0000e+00	0.0000e+00	-9.4299e-04	3.9136e-06	5.4563e-06	0.0000e+00
756	0.0000e+00	0.0000e+00	-7.8455e-04	3.8431e-06	4.0776e-06	0.0000e+00
757	0.0000e+00	0.0000e+00	-6.4917e-04	2.8416e-06	3.0208e-06	0.0000e+00
758	0.0000e+00	0.0000e+00	-5.6510e-04	1.3280e-06	2.3199e-06	0.0000e+00
759	0.0000e+00	0.0000e+00	-5.4628e-04	-3.8786e-07	1.9399e-06	0.0000e+00
760	0.0000e+00	0.0000e+00	-5.9562e-04	-2.0512e-06	1.8367e-06	0.0000e+00
761	0.0000e+00	0.0000e+00	-7.0602e-04	-3.4067e-06	1.9564e-06	0.0000e+00
762	0.0000e+00	0.0000e+00	-8.5982e-04	-4.1827e-06	2.2414e-06	0.0000e+00
763	0.0000e+00	0.0000e+00	-1.0282e-03	-4.1306e-06	2.2504e-06	0.0000e+00
764	0.0000e+00	0.0000e+00	-1.3663e-03	4.2649e-06	6.0845e-06	0.0000e+00
765	0.0000e+00	0.0000e+00	-1.1629e-03	5.6338e-06	4.3562e-06	0.0000e+00
766	0.0000e+00	0.0000e+00	-9.4564e-04	5.1353e-06	3.1216e-06	0.0000e+00
767	0.0000e+00	0.0000e+00	-7.6823e-04	3.7093e-06	2.3105e-06	0.0000e+00
768	0.0000e+00	0.0000e+00	-6.5729e-04	1.8397e-06	1.8145e-06	0.0000e+00
769	0.0000e+00	0.0000e+00	-6.2431e-04	-1.7275e-07	1.5613e-06	0.0000e+00
770	0.0000e+00	0.0000e+00	-6.7024e-04	-2.0916e-06	1.5113e-06	0.0000e+00
771	0.0000e+00	0.0000e+00	-7.8651e-04	-3.6634e-06	1.6460e-06	0.0000e+00
772	0.0000e+00	0.0000e+00	-9.5229e-04	-4.5157e-06	1.9816e-06	0.0000e+00
773	0.0000e+00	0.0000e+00	-1.1306e-03	-4.2679e-06	1.9349e-06	0.0000e+00
774	0.0000e+00	0.0000e+00	-1.5437e-03	5.9122e-06	1.5356e-06	0.0000e+00
775	0.0000e+00	0.0000e+00	-1.2895e-03	6.6994e-06	1.2417e-06	0.0000e+00
776	0.0000e+00	0.0000e+00	-1.0392e-03	5.8167e-06	1.0547e-06	0.0000e+00
777	0.0000e+00	0.0000e+00	-8.4055e-04	4.1335e-06	9.4058e-07	0.0000e+00
778	0.0000e+00	0.0000e+00	-7.1675e-04	2.0815e-06	8.6765e-07	0.0000e+00
779	0.0000e+00	0.0000e+00	-6.7712e-04	-7.3983e-08	8.2441e-07	0.0000e+00
780	0.0000e+00	0.0000e+00	-7.2162e-04	-2.1201e-06	8.0649e-07	0.0000e+00
781	0.0000e+00	0.0000e+00	-8.4136e-04	-3.8210e-06	8.1376e-07	0.0000e+00
782	0.0000e+00	0.0000e+00	-1.0158e-03	-4.8251e-06	8.4612e-07	0.0000e+00
783	0.0000e+00	0.0000e+00	-1.0362e-03	1.2492e-07	-7.7080e-06	0.0000e+00
784	0.0000e+00	0.0000e+00	-1.3922e-03	2.4894e-07	-8.4157e-06	0.0000e+00
785	0.0000e+00	0.0000e+00	-1.0240e-03	4.0170e-07	-7.4557e-06	0.0000e+00
786	0.0000e+00	0.0000e+00	-1.3669e-03	5.0840e-07	-8.0994e-06	0.0000e+00
787	0.0000e+00	0.0000e+00	-1.0080e-03	3.0932e-07	-7.2682e-06	0.0000e+00
788	0.0000e+00	0.0000e+00	-1.3425e-03	3.5964e-07	-7.9179e-06	0.0000e+00
789	0.0000e+00	0.0000e+00	-1.0009e-03	9.0132e-09	-7.2065e-06	0.0000e+00
790	0.0000e+00	0.0000e+00	-1.3325e-03	-7.8168e-09	-7.8573e-06	0.0000e+00
791	0.0000e+00	0.0000e+00	-1.0079e-03	-3.3053e-07	-7.2819e-06	0.0000e+00
792	0.0000e+00	0.0000e+00	-1.3426e-03	-4.1369e-07	-7.9163e-06	0.0000e+00
793	0.0000e+00	0.0000e+00	-1.0273e-03	-5.3968e-07	-7.4832e-06	0.0000e+00
794	0.0000e+00	0.0000e+00	-1.3706e-03	-6.7785e-07	-8.0937e-06	0.0000e+00
795	0.0000e+00	0.0000e+00	-1.0495e-03	-4.5280e-07	-7.7556e-06	0.0000e+00
796	0.0000e+00	0.0000e+00	-1.4062e-03	-6.1128e-07	-8.4003e-06	0.0000e+00
797	0.0000e+00	0.0000e+00	-1.0600e-03	1.5800e-11	-7.9101e-06	0.0000e+00
798	0.0000e+00	0.0000e+00	-7.3928e-04	-4.4703e-08	-5.8281e-06	0.0000e+00
799	0.0000e+00	0.0000e+00	-7.3481e-04	2.0223e-07	-5.7039e-06	0.0000e+00
800	0.0000e+00	0.0000e+00	-7.2519e-04	1.9714e-07	-5.5983e-06	0.0000e+00
801	0.0000e+00	0.0000e+00	-7.2004e-04	1.9533e-08	-5.5699e-06	0.0000e+00
802	0.0000e+00	0.0000e+00	-7.2407e-04	-1.9763e-07	-5.6333e-06	0.0000e+00
803	0.0000e+00	0.0000e+00	-7.3597e-04	-3.1770e-07	-5.7730e-06	0.0000e+00
804	0.0000e+00	0.0000e+00	-7.4918e-04	-2.4703e-07	-5.9336e-06	0.0000e+00

805	0.0000e+00	0.0000e+00	-7.5503e-04	1.2058e-11	-6.0095e-06	0.0000e+00
806	0.0000e+00	0.0000e+00	-5.3728e-04	-9.3436e-08	-3.4013e-06	0.0000e+00
807	0.0000e+00	0.0000e+00	-5.3567e-04	1.3366e-07	-3.3843e-06	0.0000e+00
808	0.0000e+00	0.0000e+00	-5.2845e-04	1.6350e-07	-3.3773e-06	0.0000e+00
809	0.0000e+00	0.0000e+00	-5.2354e-04	4.3237e-08	-3.3943e-06	0.0000e+00
810	0.0000e+00	0.0000e+00	-5.2529e-04	-1.1843e-07	-3.4363e-06	0.0000e+00
811	0.0000e+00	0.0000e+00	-5.3291e-04	-2.0757e-07	-3.4959e-06	0.0000e+00
812	0.0000e+00	0.0000e+00	-5.4153e-04	-1.5958e-07	-3.5543e-06	0.0000e+00
813	0.0000e+00	0.0000e+00	-5.4529e-04	8.8529e-12	-3.5799e-06	0.0000e+00
814	0.0000e+00	0.0000e+00	-4.4589e-04	-7.1719e-08	-7.8123e-07	0.0000e+00
815	0.0000e+00	0.0000e+00	-4.4289e-04	1.7338e-07	-8.6451e-07	0.0000e+00
816	0.0000e+00	0.0000e+00	-4.3372e-04	2.0868e-07	-9.6432e-07	0.0000e+00
817	0.0000e+00	0.0000e+00	-4.2697e-04	7.9836e-08	-1.0340e-06	0.0000e+00
818	0.0000e+00	0.0000e+00	-4.2743e-04	-9.5550e-08	-1.0502e-06	0.0000e+00
819	0.0000e+00	0.0000e+00	-4.3432e-04	-1.9421e-07	-1.0222e-06	0.0000e+00
820	0.0000e+00	0.0000e+00	-4.4250e-04	-1.5179e-07	-9.8229e-07	0.0000e+00
821	0.0000e+00	0.0000e+00	-4.4609e-04	6.3334e-12	-9.6434e-07	0.0000e+00
822	0.0000e+00	0.0000e+00	-4.6817e-04	2.6969e-08	1.7959e-06	0.0000e+00
823	0.0000e+00	0.0000e+00	-4.5901e-04	3.3983e-07	1.5806e-06	0.0000e+00
824	0.0000e+00	0.0000e+00	-4.4278e-04	3.4966e-07	1.3423e-06	0.0000e+00
825	0.0000e+00	0.0000e+00	-4.3167e-04	1.3136e-07	1.2060e-06	0.0000e+00
826	0.0000e+00	0.0000e+00	-4.3212e-04	-1.4233e-07	1.2254e-06	0.0000e+00
827	0.0000e+00	0.0000e+00	-4.4247e-04	-2.9383e-07	1.3681e-06	0.0000e+00
828	0.0000e+00	0.0000e+00	-4.5485e-04	-2.3023e-07	1.5336e-06	0.0000e+00
829	0.0000e+00	0.0000e+00	-4.6029e-04	4.5462e-12	1.6061e-06	0.0000e+00
830	0.0000e+00	0.0000e+00	-5.9772e-04	2.4844e-07	4.1234e-06	0.0000e+00
831	0.0000e+00	0.0000e+00	-5.7531e-04	6.8765e-07	3.6974e-06	0.0000e+00
832	0.0000e+00	0.0000e+00	-5.4490e-04	6.2070e-07	3.2588e-06	0.0000e+00
833	0.0000e+00	0.0000e+00	-5.2614e-04	1.9946e-07	3.0338e-06	0.0000e+00
834	0.0000e+00	0.0000e+00	-5.2847e-04	-2.8847e-07	3.1087e-06	0.0000e+00
835	0.0000e+00	0.0000e+00	-5.4826e-04	-5.5393e-07	3.4217e-06	0.0000e+00
836	0.0000e+00	0.0000e+00	-5.7143e-04	-4.3259e-07	3.7801e-06	0.0000e+00
837	0.0000e+00	0.0000e+00	-5.8163e-04	3.5220e-12	3.9393e-06	0.0000e+00
838	0.0000e+00	0.0000e+00	-8.1821e-04	6.8924e-07	5.9424e-06	0.0000e+00
839	0.0000e+00	0.0000e+00	-7.7110e-04	1.3106e-06	5.1786e-06	0.0000e+00
840	0.0000e+00	0.0000e+00	-7.1640e-04	1.0679e-06	4.4680e-06	0.0000e+00
841	0.0000e+00	0.0000e+00	-6.8577e-04	2.8278e-07	4.1390e-06	0.0000e+00
842	0.0000e+00	0.0000e+00	-6.9288e-04	-5.7912e-07	4.2925e-06	0.0000e+00
843	0.0000e+00	0.0000e+00	-7.3086e-04	-1.0585e-06	4.8455e-06	0.0000e+00
844	0.0000e+00	0.0000e+00	-7.7520e-04	-8.3914e-07	5.5083e-06	0.0000e+00
845	0.0000e+00	0.0000e+00	-7.9497e-04	3.3373e-12	5.8164e-06	0.0000e+00
846	0.0000e+00	0.0000e+00	-1.0988e-03	1.5102e-06	6.8271e-06	0.0000e+00
847	0.0000e+00	0.0000e+00	-1.0098e-03	2.3013e-06	5.5879e-06	0.0000e+00
848	0.0000e+00	0.0000e+00	-9.1889e-04	1.7031e-06	4.6192e-06	0.0000e+00
849	0.0000e+00	0.0000e+00	-8.7238e-04	3.7193e-07	4.2223e-06	0.0000e+00
850	0.0000e+00	0.0000e+00	-8.8770e-04	-1.0389e-06	4.4475e-06	0.0000e+00
851	0.0000e+00	0.0000e+00	-9.5468e-04	-1.8953e-06	5.2429e-06	0.0000e+00
852	0.0000e+00	0.0000e+00	-1.0357e-03	-1.5864e-06	6.3341e-06	0.0000e+00
853	0.0000e+00	0.0000e+00	-1.0733e-03	4.2661e-12	6.8997e-06	0.0000e+00
854	0.0000e+00	0.0000e+00	-1.3823e-03	2.9450e-06	5.9325e-06	0.0000e+00
855	0.0000e+00	0.0000e+00	-1.2332e-03	3.5832e-06	4.3677e-06	0.0000e+00
856	0.0000e+00	0.0000e+00	-1.1001e-03	2.3911e-06	3.4677e-06	0.0000e+00
857	0.0000e+00	0.0000e+00	-1.0374e-03	4.4520e-07	3.1474e-06	0.0000e+00
858	0.0000e+00	0.0000e+00	-1.0625e-03	-1.5732e-06	3.3552e-06	0.0000e+00
859	0.0000e+00	0.0000e+00	-1.1647e-03	-3.0087e-06	4.1233e-06	0.0000e+00
860	0.0000e+00	0.0000e+00	-1.2990e-03	-2.8778e-06	5.5189e-06	0.0000e+00
861	0.0000e+00	0.0000e+00	-1.3679e-03	6.8164e-12	6.4901e-06	0.0000e+00
862	0.0000e+00	0.0000e+00	-1.5560e-03	4.3149e-06	1.6046e-06	0.0000e+00
863	0.0000e+00	0.0000e+00	-1.3623e-03	4.3829e-06	1.3483e-06	0.0000e+00
864	0.0000e+00	0.0000e+00	-1.2051e-03	2.7592e-06	1.2263e-06	0.0000e+00
865	0.0000e+00	0.0000e+00	-1.1342e-03	4.7333e-07	1.1929e-06	0.0000e+00
866	0.0000e+00	0.0000e+00	-1.1650e-03	-1.8783e-06	1.2302e-06	0.0000e+00
867	0.0000e+00	0.0000e+00	-1.2883e-03	-3.7226e-06	1.3530e-06	0.0000e+00
868	0.0000e+00	0.0000e+00	-1.4628e-03	-4.1225e-06	1.6023e-06	0.0000e+00
869	0.0000e+00	0.0000e+00	-1.0495e-03	4.5283e-07	-7.7556e-06	0.0000e+00
870	0.0000e+00	0.0000e+00	-1.4062e-03	6.1132e-07	-8.4003e-06	0.0000e+00
871	0.0000e+00	0.0000e+00	-1.0273e-03	5.3971e-07	-7.4831e-06	0.0000e+00
872	0.0000e+00	0.0000e+00	-1.3706e-03	6.7788e-07	-8.0936e-06	0.0000e+00
873	0.0000e+00	0.0000e+00	-1.0079e-03	3.3055e-07	-7.2819e-06	0.0000e+00
874	0.0000e+00	0.0000e+00	-1.3426e-03	4.1372e-07	-7.9163e-06	0.0000e+00
875	0.0000e+00	0.0000e+00	-1.0009e-03	-8.9895e-09	-7.2065e-06	0.0000e+00
876	0.0000e+00	0.0000e+00	-1.3325e-03	7.8450e-09	-7.8573e-06	0.0000e+00

877	0.0000e+00	0.0000e+00	-1.0080e-03	-3.0930e-07	-7.2681e-06	0.0000e+00
878	0.0000e+00	0.0000e+00	-1.3425e-03	-3.5962e-07	-7.9178e-06	0.0000e+00
879	0.0000e+00	0.0000e+00	-1.0240e-03	-4.0168e-07	-7.4557e-06	0.0000e+00
880	0.0000e+00	0.0000e+00	-1.3669e-03	-5.0838e-07	-8.0993e-06	0.0000e+00
881	0.0000e+00	0.0000e+00	-1.0362e-03	-1.2492e-07	-7.7080e-06	0.0000e+00
882	0.0000e+00	0.0000e+00	-1.3922e-03	-2.4894e-07	-8.4157e-06	0.0000e+00
883	0.0000e+00	0.0000e+00	-7.4918e-04	2.4706e-07	-5.9336e-06	0.0000e+00
884	0.0000e+00	0.0000e+00	-7.3597e-04	3.1772e-07	-5.7729e-06	0.0000e+00
885	0.0000e+00	0.0000e+00	-7.2406e-04	1.9765e-07	-5.6333e-06	0.0000e+00
886	0.0000e+00	0.0000e+00	-7.2003e-04	-1.9515e-08	-5.5698e-06	0.0000e+00
887	0.0000e+00	0.0000e+00	-7.2519e-04	-1.9712e-07	-5.5983e-06	0.0000e+00
888	0.0000e+00	0.0000e+00	-7.3480e-04	-2.0222e-07	-5.7039e-06	0.0000e+00
889	0.0000e+00	0.0000e+00	-7.3928e-04	4.4704e-08	-5.8281e-06	0.0000e+00
890	0.0000e+00	0.0000e+00	-5.4153e-04	1.5960e-07	-3.5543e-06	0.0000e+00
891	0.0000e+00	0.0000e+00	-5.3291e-04	2.0759e-07	-3.4959e-06	0.0000e+00
892	0.0000e+00	0.0000e+00	-5.2529e-04	1.1845e-07	-3.4362e-06	0.0000e+00
893	0.0000e+00	0.0000e+00	-5.2354e-04	-4.3224e-08	-3.3943e-06	0.0000e+00
894	0.0000e+00	0.0000e+00	-5.2844e-04	-1.6349e-07	-3.3772e-06	0.0000e+00
895	0.0000e+00	0.0000e+00	-5.3567e-04	-1.3365e-07	-3.3843e-06	0.0000e+00
896	0.0000e+00	0.0000e+00	-5.3727e-04	9.3436e-08	-3.4013e-06	0.0000e+00
897	0.0000e+00	0.0000e+00	-4.4250e-04	1.5180e-07	-9.8229e-07	0.0000e+00
898	0.0000e+00	0.0000e+00	-4.3431e-04	1.9422e-07	-1.0222e-06	0.0000e+00
899	0.0000e+00	0.0000e+00	-4.2743e-04	9.5561e-08	-1.0502e-06	0.0000e+00
900	0.0000e+00	0.0000e+00	-4.2697e-04	-7.9827e-08	-1.0340e-06	0.0000e+00
901	0.0000e+00	0.0000e+00	-4.3371e-04	-2.0868e-07	-9.6430e-07	0.0000e+00
902	0.0000e+00	0.0000e+00	-4.4289e-04	-1.7337e-07	-8.6449e-07	0.0000e+00
903	0.0000e+00	0.0000e+00	-4.4588e-04	7.1718e-08	-7.8120e-07	0.0000e+00
904	0.0000e+00	0.0000e+00	-4.5485e-04	2.3023e-07	1.5336e-06	0.0000e+00
905	0.0000e+00	0.0000e+00	-4.4247e-04	2.9384e-07	1.3681e-06	0.0000e+00
906	0.0000e+00	0.0000e+00	-4.3212e-04	1.4234e-07	1.2254e-06	0.0000e+00
907	0.0000e+00	0.0000e+00	-4.3167e-04	-1.3136e-07	1.2060e-06	0.0000e+00
908	0.0000e+00	0.0000e+00	-4.4277e-04	-3.4966e-07	1.3423e-06	0.0000e+00
909	0.0000e+00	0.0000e+00	-4.5900e-04	-3.3982e-07	1.5806e-06	0.0000e+00
910	0.0000e+00	0.0000e+00	-4.6817e-04	-2.6969e-08	1.7959e-06	0.0000e+00
911	0.0000e+00	0.0000e+00	-5.7143e-04	4.3259e-07	3.7801e-06	0.0000e+00
912	0.0000e+00	0.0000e+00	-5.4826e-04	5.5393e-07	3.4218e-06	0.0000e+00
913	0.0000e+00	0.0000e+00	-5.2847e-04	2.8848e-07	3.1087e-06	0.0000e+00
914	0.0000e+00	0.0000e+00	-5.2613e-04	-1.9945e-07	3.0338e-06	0.0000e+00
915	0.0000e+00	0.0000e+00	-5.4490e-04	-6.2070e-07	3.2588e-06	0.0000e+00
916	0.0000e+00	0.0000e+00	-5.7530e-04	-6.8765e-07	3.6975e-06	0.0000e+00
917	0.0000e+00	0.0000e+00	-5.9772e-04	-2.4844e-07	4.1234e-06	0.0000e+00
918	0.0000e+00	0.0000e+00	-7.7520e-04	8.3914e-07	5.5083e-06	0.0000e+00
919	0.0000e+00	0.0000e+00	-7.3086e-04	1.0585e-06	4.8455e-06	0.0000e+00
920	0.0000e+00	0.0000e+00	-6.9288e-04	5.7913e-07	4.2925e-06	0.0000e+00
921	0.0000e+00	0.0000e+00	-6.8577e-04	-2.8278e-07	4.1390e-06	0.0000e+00
922	0.0000e+00	0.0000e+00	-7.1640e-04	-1.0679e-06	4.4680e-06	0.0000e+00
923	0.0000e+00	0.0000e+00	-7.7110e-04	-1.3106e-06	5.1786e-06	0.0000e+00
924	0.0000e+00	0.0000e+00	-8.1821e-04	-6.8924e-07	5.9424e-06	0.0000e+00
925	0.0000e+00	0.0000e+00	-1.0357e-03	1.5864e-06	6.3341e-06	0.0000e+00
926	0.0000e+00	0.0000e+00	-9.5468e-04	1.8953e-06	5.2429e-06	0.0000e+00
927	0.0000e+00	0.0000e+00	-8.8770e-04	1.0389e-06	4.4476e-06	0.0000e+00
928	0.0000e+00	0.0000e+00	-8.7238e-04	-3.7193e-07	4.2223e-06	0.0000e+00
929	0.0000e+00	0.0000e+00	-9.1889e-04	-1.7031e-06	4.6192e-06	0.0000e+00
930	0.0000e+00	0.0000e+00	-1.0098e-03	-2.3013e-06	5.5879e-06	0.0000e+00
931	0.0000e+00	0.0000e+00	-1.0988e-03	-1.5101e-06	6.8271e-06	0.0000e+00
932	0.0000e+00	0.0000e+00	-1.2990e-03	2.8778e-06	5.5189e-06	0.0000e+00
933	0.0000e+00	0.0000e+00	-1.1647e-03	3.0087e-06	4.1233e-06	0.0000e+00
934	0.0000e+00	0.0000e+00	-1.0625e-03	1.5732e-06	3.3552e-06	0.0000e+00
935	0.0000e+00	0.0000e+00	-1.0374e-03	-4.4521e-07	3.1474e-06	0.0000e+00
936	0.0000e+00	0.0000e+00	-1.1001e-03	-2.3911e-06	3.4677e-06	0.0000e+00
937	0.0000e+00	0.0000e+00	-1.2332e-03	-3.5832e-06	4.3677e-06	0.0000e+00
938	0.0000e+00	0.0000e+00	-1.3823e-03	-2.9449e-06	5.9325e-06	0.0000e+00
939	0.0000e+00	0.0000e+00	-1.4628e-03	4.1225e-06	1.6023e-06	0.0000e+00
940	0.0000e+00	0.0000e+00	-1.2883e-03	3.7226e-06	1.3530e-06	0.0000e+00
941	0.0000e+00	0.0000e+00	-1.1650e-03	1.8783e-06	1.2302e-06	0.0000e+00
942	0.0000e+00	0.0000e+00	-1.1342e-03	-4.7333e-07	1.1929e-06	0.0000e+00
943	0.0000e+00	0.0000e+00	-1.2051e-03	-2.7592e-06	1.2263e-06	0.0000e+00
944	0.0000e+00	0.0000e+00	-1.3623e-03	-4.3829e-06	1.3483e-06	0.0000e+00
945	0.0000e+00	0.0000e+00	-1.5560e-03	-4.3149e-06	1.6046e-06	0.0000e+00
946	0.0000e+00	0.0000e+00	-1.1092e-03	-4.2897e-07	-7.8596e-06	0.0000e+00
947	0.0000e+00	0.0000e+00	-1.4707e-03	-3.5742e-07	-8.5061e-06	0.0000e+00
948	0.0000e+00	0.0000e+00	-1.1195e-03	-1.0683e-07	-7.7267e-06	0.0000e+00

949	0.0000e+00	0.0000e+00	-1.4732e-03	-4.1717e-08	-8.3127e-06	0.0000e+00
950	0.0000e+00	0.0000e+00	-1.1213e-03	8.4673e-09	-7.6327e-06	0.0000e+00
951	0.0000e+00	0.0000e+00	-1.4707e-03	3.1642e-08	-8.2248e-06	0.0000e+00
952	0.0000e+00	0.0000e+00	-1.1201e-03	5.1338e-08	-7.6324e-06	0.0000e+00
953	0.0000e+00	0.0000e+00	-1.4696e-03	2.5006e-08	-8.2272e-06	0.0000e+00
954	0.0000e+00	0.0000e+00	-1.1160e-03	1.6634e-07	-7.7265e-06	0.0000e+00
955	0.0000e+00	0.0000e+00	-1.4698e-03	9.6553e-08	-8.3206e-06	0.0000e+00
956	0.0000e+00	0.0000e+00	-1.1033e-03	4.8753e-07	-7.8615e-06	0.0000e+00
957	0.0000e+00	0.0000e+00	-1.4652e-03	4.0814e-07	-8.5211e-06	0.0000e+00
958	0.0000e+00	0.0000e+00	-8.0553e-04	-5.0615e-07	-5.9792e-06	0.0000e+00
959	0.0000e+00	0.0000e+00	-8.1964e-04	-2.2131e-07	-5.9172e-06	0.0000e+00
960	0.0000e+00	0.0000e+00	-8.2455e-04	-4.0156e-08	-5.8622e-06	0.0000e+00
961	0.0000e+00	0.0000e+00	-8.2341e-04	9.7512e-08	-5.8604e-06	0.0000e+00
962	0.0000e+00	0.0000e+00	-8.1619e-04	2.7976e-07	-5.9125e-06	0.0000e+00
963	0.0000e+00	0.0000e+00	-7.9970e-04	5.6650e-07	-5.9734e-06	0.0000e+00
964	0.0000e+00	0.0000e+00	-5.9800e-04	-5.3187e-07	-3.4980e-06	0.0000e+00
965	0.0000e+00	0.0000e+00	-6.1390e-04	-2.7174e-07	-3.4685e-06	0.0000e+00
966	0.0000e+00	0.0000e+00	-6.2046e-04	-6.4772e-08	-3.4435e-06	0.0000e+00
967	0.0000e+00	0.0000e+00	-6.1940e-04	1.1755e-07	-3.4411e-06	0.0000e+00
968	0.0000e+00	0.0000e+00	-6.1070e-04	3.2685e-07	-3.4618e-06	0.0000e+00
969	0.0000e+00	0.0000e+00	-5.9252e-04	5.9129e-07	-3.4886e-06	0.0000e+00
970	0.0000e+00	0.0000e+00	-5.0420e-04	-5.6022e-07	-7.9520e-07	0.0000e+00
971	0.0000e+00	0.0000e+00	-5.2111e-04	-2.9293e-07	-7.7743e-07	0.0000e+00
972	0.0000e+00	0.0000e+00	-5.2828e-04	-7.4159e-08	-7.7424e-07	0.0000e+00
973	0.0000e+00	0.0000e+00	-5.2733e-04	1.2161e-07	-7.7176e-07	0.0000e+00
974	0.0000e+00	0.0000e+00	-5.1821e-04	3.4377e-07	-7.7046e-07	0.0000e+00
975	0.0000e+00	0.0000e+00	-4.9914e-04	6.1751e-07	-7.8510e-07	0.0000e+00
976	0.0000e+00	0.0000e+00	-5.2783e-04	-5.9679e-07	1.8648e-06	0.0000e+00
977	0.0000e+00	0.0000e+00	-5.4507e-04	-2.8397e-07	1.8535e-06	0.0000e+00
978	0.0000e+00	0.0000e+00	-5.5174e-04	-6.6240e-08	1.8205e-06	0.0000e+00
979	0.0000e+00	0.0000e+00	-5.5089e-04	1.0867e-07	1.8226e-06	0.0000e+00
980	0.0000e+00	0.0000e+00	-5.4246e-04	3.3070e-07	1.8596e-06	0.0000e+00
981	0.0000e+00	0.0000e+00	-5.2319e-04	6.5185e-07	1.8736e-06	0.0000e+00
982	0.0000e+00	0.0000e+00	-6.6187e-04	-6.0295e-07	4.2459e-06	0.0000e+00
983	0.0000e+00	0.0000e+00	-6.7704e-04	-2.0281e-07	4.1395e-06	0.0000e+00
984	0.0000e+00	0.0000e+00	-6.8081e-04	-2.3170e-08	4.0237e-06	0.0000e+00
985	0.0000e+00	0.0000e+00	-6.8005e-04	6.1572e-08	4.0253e-06	0.0000e+00
986	0.0000e+00	0.0000e+00	-6.7465e-04	2.4625e-07	4.1439e-06	0.0000e+00
987	0.0000e+00	0.0000e+00	-6.5756e-04	6.5631e-07	4.2523e-06	0.0000e+00
988	0.0000e+00	0.0000e+00	-8.8819e-04	-4.7992e-07	6.0657e-06	0.0000e+00
989	0.0000e+00	0.0000e+00	-8.9475e-04	4.7092e-08	5.7341e-06	0.0000e+00
990	0.0000e+00	0.0000e+00	-8.9050e-04	9.2944e-08	5.4549e-06	0.0000e+00
991	0.0000e+00	0.0000e+00	-8.8980e-04	-5.7232e-08	5.4558e-06	0.0000e+00
992	0.0000e+00	0.0000e+00	-8.9252e-04	-5.8333e-09	5.7367e-06	0.0000e+00
993	0.0000e+00	0.0000e+00	-8.8410e-04	5.3224e-07	6.0694e-06	0.0000e+00
994	0.0000e+00	0.0000e+00	-1.1736e-03	-4.2931e-08	6.8998e-06	0.0000e+00
995	0.0000e+00	0.0000e+00	-1.1582e-03	6.0842e-07	6.1583e-06	0.0000e+00
996	0.0000e+00	0.0000e+00	-1.1373e-03	3.2724e-07	5.6503e-06	0.0000e+00
997	0.0000e+00	0.0000e+00	-1.1366e-03	-2.9278e-07	5.6506e-06	0.0000e+00
998	0.0000e+00	0.0000e+00	-1.1561e-03	-5.6815e-07	6.1590e-06	0.0000e+00
999	0.0000e+00	0.0000e+00	-1.1696e-03	9.4780e-08	6.9008e-06	0.0000e+00
1000	0.0000e+00	0.0000e+00	-1.4596e-03	1.0039e-06	5.9715e-06	0.0000e+00
1001	0.0000e+00	0.0000e+00	-1.4038e-03	1.5400e-06	4.8094e-06	0.0000e+00
1002	0.0000e+00	0.0000e+00	-1.3582e-03	6.5746e-07	4.2234e-06	0.0000e+00
1003	0.0000e+00	0.0000e+00	-1.3575e-03	-6.2301e-07	4.2232e-06	0.0000e+00
1004	0.0000e+00	0.0000e+00	-1.4017e-03	-1.4996e-06	4.8088e-06	0.0000e+00
1005	0.0000e+00	0.0000e+00	-1.4556e-03	-9.5202e-07	5.9702e-06	0.0000e+00
1006	0.0000e+00	0.0000e+00	-1.6362e-03	2.2546e-06	1.6664e-06	0.0000e+00
1007	0.0000e+00	0.0000e+00	-1.5449e-03	2.2045e-06	1.4521e-06	0.0000e+00
1008	0.0000e+00	0.0000e+00	-1.4830e-03	8.6479e-07	1.3543e-06	0.0000e+00
1009	0.0000e+00	0.0000e+00	-1.4823e-03	-8.2974e-07	1.3539e-06	0.0000e+00
1010	0.0000e+00	0.0000e+00	-1.5427e-03	-2.1634e-06	1.4512e-06	0.0000e+00
1011	0.0000e+00	0.0000e+00	-1.6321e-03	-2.2020e-06	1.6651e-06	0.0000e+00
1012	0.0000e+00	0.0000e+00	-1.1033e-03	-4.8744e-07	-7.8615e-06	0.0000e+00
1013	0.0000e+00	0.0000e+00	-1.4652e-03	-4.0803e-07	-8.5210e-06	0.0000e+00
1014	0.0000e+00	0.0000e+00	-1.1160e-03	-1.6622e-07	-7.7265e-06	0.0000e+00
1015	0.0000e+00	0.0000e+00	-1.4698e-03	-9.6422e-08	-8.3206e-06	0.0000e+00
1016	0.0000e+00	0.0000e+00	-1.1201e-03	-5.1214e-08	-7.6323e-06	0.0000e+00
1017	0.0000e+00	0.0000e+00	-1.4696e-03	-2.4866e-08	-8.2271e-06	0.0000e+00
1018	0.0000e+00	0.0000e+00	-1.1213e-03	-8.3490e-09	-7.6326e-06	0.0000e+00
1019	0.0000e+00	0.0000e+00	-1.4707e-03	-3.1509e-08	-8.2247e-06	0.0000e+00
1020	0.0000e+00	0.0000e+00	-1.1195e-03	1.0693e-07	-7.7266e-06	0.0000e+00

1021	0.0000e+00	0.0000e+00	-1.4732e-03	4.1827e-08	-8.3127e-06	0.0000e+00
1022	0.0000e+00	0.0000e+00	-1.1092e-03	4.2903e-07	-7.8595e-06	0.0000e+00
1023	0.0000e+00	0.0000e+00	-1.4707e-03	3.5749e-07	-8.5060e-06	0.0000e+00
1024	0.0000e+00	0.0000e+00	-7.9971e-04	-5.6643e-07	-5.9734e-06	0.0000e+00
1025	0.0000e+00	0.0000e+00	-8.1619e-04	-2.7967e-07	-5.9125e-06	0.0000e+00
1026	0.0000e+00	0.0000e+00	-8.2340e-04	-9.7415e-08	-5.8604e-06	0.0000e+00
1027	0.0000e+00	0.0000e+00	-8.2454e-04	4.0248e-08	-5.8621e-06	0.0000e+00
1028	0.0000e+00	0.0000e+00	-8.1963e-04	2.2139e-07	-5.9171e-06	0.0000e+00
1029	0.0000e+00	0.0000e+00	-8.0551e-04	5.0619e-07	-5.9791e-06	0.0000e+00
1030	0.0000e+00	0.0000e+00	-5.9252e-04	-5.9124e-07	-3.4886e-06	0.0000e+00
1031	0.0000e+00	0.0000e+00	-6.1070e-04	-3.2679e-07	-3.4618e-06	0.0000e+00
1032	0.0000e+00	0.0000e+00	-6.1940e-04	-1.1748e-07	-3.4411e-06	0.0000e+00
1033	0.0000e+00	0.0000e+00	-6.2045e-04	6.4841e-08	-3.4435e-06	0.0000e+00
1034	0.0000e+00	0.0000e+00	-6.1389e-04	2.7180e-07	-3.4685e-06	0.0000e+00
1035	0.0000e+00	0.0000e+00	-5.9799e-04	5.3190e-07	-3.4979e-06	0.0000e+00
1036	0.0000e+00	0.0000e+00	-4.9914e-04	-6.1747e-07	-7.8512e-07	0.0000e+00
1037	0.0000e+00	0.0000e+00	-5.1821e-04	-3.4372e-07	-7.7046e-07	0.0000e+00
1038	0.0000e+00	0.0000e+00	-5.2733e-04	-1.2156e-07	-7.7175e-07	0.0000e+00
1039	0.0000e+00	0.0000e+00	-5.2828e-04	7.4208e-08	-7.7421e-07	0.0000e+00
1040	0.0000e+00	0.0000e+00	-5.2111e-04	2.9297e-07	-7.7739e-07	0.0000e+00
1041	0.0000e+00	0.0000e+00	-5.0419e-04	5.6024e-07	-7.9515e-07	0.0000e+00
1042	0.0000e+00	0.0000e+00	-5.2319e-04	-6.5183e-07	1.8736e-06	0.0000e+00
1043	0.0000e+00	0.0000e+00	-5.4246e-04	-3.3067e-07	1.8596e-06	0.0000e+00
1044	0.0000e+00	0.0000e+00	-5.5089e-04	-1.0864e-07	1.8226e-06	0.0000e+00
1045	0.0000e+00	0.0000e+00	-5.5173e-04	6.6275e-08	1.8205e-06	0.0000e+00
1046	0.0000e+00	0.0000e+00	-5.4507e-04	2.8400e-07	1.8535e-06	0.0000e+00
1047	0.0000e+00	0.0000e+00	-5.2783e-04	5.9681e-07	1.8648e-06	0.0000e+00
1048	0.0000e+00	0.0000e+00	-6.5756e-04	-6.5629e-07	4.2523e-06	0.0000e+00
1049	0.0000e+00	0.0000e+00	-6.7465e-04	-2.4622e-07	4.1439e-06	0.0000e+00
1050	0.0000e+00	0.0000e+00	-6.8005e-04	-6.1547e-08	4.0253e-06	0.0000e+00
1051	0.0000e+00	0.0000e+00	-6.8081e-04	2.3195e-08	4.0237e-06	0.0000e+00
1052	0.0000e+00	0.0000e+00	-6.7704e-04	2.0283e-07	4.1395e-06	0.0000e+00
1053	0.0000e+00	0.0000e+00	-6.6187e-04	6.0297e-07	4.2459e-06	0.0000e+00
1054	0.0000e+00	0.0000e+00	-8.8410e-04	-5.3223e-07	6.0694e-06	0.0000e+00
1055	0.0000e+00	0.0000e+00	-8.9252e-04	5.8501e-09	5.7367e-06	0.0000e+00
1056	0.0000e+00	0.0000e+00	-8.8979e-04	5.7250e-08	5.4558e-06	0.0000e+00
1057	0.0000e+00	0.0000e+00	-8.9050e-04	-9.2926e-08	5.4549e-06	0.0000e+00
1058	0.0000e+00	0.0000e+00	-8.9475e-04	-4.7075e-08	5.7341e-06	0.0000e+00
1059	0.0000e+00	0.0000e+00	-8.8819e-04	4.7994e-07	6.0657e-06	0.0000e+00
1060	0.0000e+00	0.0000e+00	-1.1696e-03	-9.4767e-08	6.9008e-06	0.0000e+00
1061	0.0000e+00	0.0000e+00	-1.1561e-03	5.6816e-07	6.1590e-06	0.0000e+00
1062	0.0000e+00	0.0000e+00	-1.1366e-03	2.9280e-07	5.6506e-06	0.0000e+00
1063	0.0000e+00	0.0000e+00	-1.1373e-03	-3.2723e-07	5.6503e-06	0.0000e+00
1064	0.0000e+00	0.0000e+00	-1.1582e-03	-6.0840e-07	6.1583e-06	0.0000e+00
1065	0.0000e+00	0.0000e+00	-1.1736e-03	4.2946e-08	6.8998e-06	0.0000e+00
1066	0.0000e+00	0.0000e+00	-1.4556e-03	9.5203e-07	5.9702e-06	0.0000e+00
1067	0.0000e+00	0.0000e+00	-1.4017e-03	1.4996e-06	4.8088e-06	0.0000e+00
1068	0.0000e+00	0.0000e+00	-1.3575e-03	6.2302e-07	4.2232e-06	0.0000e+00
1069	0.0000e+00	0.0000e+00	-1.3582e-03	-6.5745e-07	4.2234e-06	0.0000e+00
1070	0.0000e+00	0.0000e+00	-1.4038e-03	-1.5400e-06	4.8094e-06	0.0000e+00
1071	0.0000e+00	0.0000e+00	-1.4596e-03	-1.0039e-06	5.9715e-06	0.0000e+00
1072	0.0000e+00	0.0000e+00	-1.6321e-03	2.2020e-06	1.6651e-06	0.0000e+00
1073	0.0000e+00	0.0000e+00	-1.5427e-03	2.1634e-06	1.4512e-06	0.0000e+00
1074	0.0000e+00	0.0000e+00	-1.4823e-03	8.2974e-07	1.3540e-06	0.0000e+00
1075	0.0000e+00	0.0000e+00	-1.4830e-03	-8.6478e-07	1.3543e-06	0.0000e+00
1076	0.0000e+00	0.0000e+00	-1.5449e-03	-2.2045e-06	1.4521e-06	0.0000e+00
1077	0.0000e+00	0.0000e+00	-1.6362e-03	-2.2546e-06	1.6664e-06	0.0000e+00
1078	0.0000e+00	0.0000e+00	-1.2025e-03	4.2355e-06	-4.3888e-07	0.0000e+00
1079	0.0000e+00	0.0000e+00	-1.0234e-03	4.5743e-06	-4.4626e-07	0.0000e+00
1080	0.0000e+00	0.0000e+00	-8.5598e-04	3.6908e-06	-1.0711e-07	0.0000e+00
1081	0.0000e+00	0.0000e+00	-7.3964e-04	2.0728e-06	4.4607e-08	0.0000e+00
1082	0.0000e+00	0.0000e+00	-6.9547e-04	1.0515e-07	4.2333e-08	0.0000e+00
1083	0.0000e+00	0.0000e+00	-7.3219e-04	-1.9604e-06	-1.2784e-07	0.0000e+00
1084	0.0000e+00	0.0000e+00	-8.4912e-04	-3.8947e-06	-5.0200e-07	0.0000e+00
1085	0.0000e+00	0.0000e+00	-1.0354e-03	-5.4087e-06	-1.1513e-06	0.0000e+00
1086	0.0000e+00	0.0000e+00	-1.2656e-03	-6.0325e-06	-2.1952e-06	0.0000e+00
1087	0.0000e+00	0.0000e+00	-1.4872e-03	-4.8124e-06	-3.8427e-06	0.0000e+00
1088	0.0000e+00	0.0000e+00	-1.5910e-03	-7.3164e-08	-4.9866e-06	0.0000e+00
1089	0.0000e+00	0.0000e+00	-1.1587e-03	4.0356e-06	-1.0974e-06	0.0000e+00
1090	0.0000e+00	0.0000e+00	-9.9187e-04	4.1854e-06	-9.9013e-07	0.0000e+00
1091	0.0000e+00	0.0000e+00	-8.3825e-04	3.3924e-06	-6.3132e-07	0.0000e+00
1092	0.0000e+00	0.0000e+00	-7.2967e-04	1.9781e-06	-4.4099e-07	0.0000e+00

1093	0.0000e+00	0.0000e+00	-6.8470e-04	2.4428e-07	-4.7205e-07	0.0000e+00
1094	0.0000e+00	0.0000e+00	-7.1077e-04	-1.5486e-06	-7.7540e-07	0.0000e+00
1095	0.0000e+00	0.0000e+00	-8.0527e-04	-3.1480e-06	-1.3981e-06	0.0000e+00
1096	0.0000e+00	0.0000e+00	-9.5455e-04	-4.2402e-06	-2.3892e-06	0.0000e+00
1097	0.0000e+00	0.0000e+00	-1.1301e-03	-4.3744e-06	-3.7477e-06	0.0000e+00
1098	0.0000e+00	0.0000e+00	-1.2831e-03	-3.0049e-06	-5.2475e-06	0.0000e+00
1099	0.0000e+00	0.0000e+00	-1.3484e-03	-9.1404e-08	-5.9932e-06	0.0000e+00
1100	0.0000e+00	0.0000e+00	-1.1003e-03	3.7552e-06	-1.2575e-06	0.0000e+00
1101	0.0000e+00	0.0000e+00	-9.4710e-04	3.8067e-06	-1.0599e-06	0.0000e+00
1102	0.0000e+00	0.0000e+00	-8.0752e-04	3.0902e-06	-7.1880e-07	0.0000e+00
1103	0.0000e+00	0.0000e+00	-7.0711e-04	1.8839e-06	-5.2973e-07	0.0000e+00
1104	0.0000e+00	0.0000e+00	-6.6046e-04	4.3458e-07	-5.6675e-07	0.0000e+00
1105	0.0000e+00	0.0000e+00	-6.7258e-04	-1.0235e-06	-8.8858e-07	0.0000e+00
1106	0.0000e+00	0.0000e+00	-7.3919e-04	-2.2523e-06	-1.5232e-06	0.0000e+00
1107	0.0000e+00	0.0000e+00	-8.4594e-04	-2.9826e-06	-2.4587e-06	0.0000e+00
1108	0.0000e+00	0.0000e+00	-9.6715e-04	-2.9216e-06	-3.5871e-06	0.0000e+00
1109	0.0000e+00	0.0000e+00	-1.0668e-03	-1.8833e-06	-4.6109e-06	0.0000e+00
1110	0.0000e+00	0.0000e+00	-1.1077e-03	-8.1034e-08	-5.0579e-06	0.0000e+00
1111	0.0000e+00	0.0000e+00	-1.0450e-03	3.4322e-06	-1.0959e-06	0.0000e+00
1112	0.0000e+00	0.0000e+00	-9.0611e-04	3.4270e-06	-8.1897e-07	0.0000e+00
1113	0.0000e+00	0.0000e+00	-7.8049e-04	2.7913e-06	-4.8137e-07	0.0000e+00
1114	0.0000e+00	0.0000e+00	-6.8840e-04	1.7809e-06	-2.8007e-07	0.0000e+00
1115	0.0000e+00	0.0000e+00	-6.4068e-04	6.0178e-07	-2.8285e-07	0.0000e+00
1116	0.0000e+00	0.0000e+00	-6.4021e-04	-5.5075e-07	-5.3134e-07	0.0000e+00
1117	0.0000e+00	0.0000e+00	-6.8208e-04	-1.4808e-06	-1.0263e-06	0.0000e+00
1118	0.0000e+00	0.0000e+00	-7.5346e-04	-1.9903e-06	-1.7180e-06	0.0000e+00
1119	0.0000e+00	0.0000e+00	-8.3401e-04	-1.9131e-06	-2.4818e-06	0.0000e+00
1120	0.0000e+00	0.0000e+00	-8.9872e-04	-1.2072e-06	-3.1067e-06	0.0000e+00
1121	0.0000e+00	0.0000e+00	-9.2525e-04	-6.9157e-08	-3.3615e-06	0.0000e+00
1122	0.0000e+00	0.0000e+00	-1.0029e-03	3.0882e-06	-7.7111e-07	0.0000e+00
1123	0.0000e+00	0.0000e+00	-8.7905e-04	3.0335e-06	-4.2592e-07	0.0000e+00
1124	0.0000e+00	0.0000e+00	-7.6778e-04	2.4796e-06	-8.4688e-08	0.0000e+00
1125	0.0000e+00	0.0000e+00	-6.8484e-04	1.6435e-06	1.3983e-07	0.0000e+00
1126	0.0000e+00	0.0000e+00	-6.3818e-04	6.9099e-07	1.9536e-07	0.0000e+00
1127	0.0000e+00	0.0000e+00	-6.2942e-04	-2.2416e-07	6.3658e-08	0.0000e+00
1128	0.0000e+00	0.0000e+00	-6.5409e-04	-9.5190e-07	-2.3590e-07	0.0000e+00
1129	0.0000e+00	0.0000e+00	-7.0183e-04	-1.3512e-06	-6.4352e-07	0.0000e+00
1130	0.0000e+00	0.0000e+00	-7.5718e-04	-1.3180e-06	-1.0597e-06	0.0000e+00
1131	0.0000e+00	0.0000e+00	-8.0212e-04	-8.4166e-07	-1.3661e-06	0.0000e+00
1132	0.0000e+00	0.0000e+00	-8.2102e-04	-6.5740e-08	-1.4788e-06	0.0000e+00
1133	0.0000e+00	0.0000e+00	-9.7771e-04	2.7458e-06	-4.2419e-07	0.0000e+00
1134	0.0000e+00	0.0000e+00	-8.6879e-04	2.6474e-06	-5.9703e-08	0.0000e+00
1135	0.0000e+00	0.0000e+00	-7.7182e-04	2.1684e-06	2.5590e-07	0.0000e+00
1136	0.0000e+00	0.0000e+00	-6.9873e-04	1.4719e-06	4.8357e-07	0.0000e+00
1137	0.0000e+00	0.0000e+00	-6.5565e-04	6.8551e-07	5.9068e-07	0.0000e+00
1138	0.0000e+00	0.0000e+00	-6.4381e-04	-7.2677e-08	5.7700e-07	0.0000e+00
1139	0.0000e+00	0.0000e+00	-6.5980e-04	-6.8862e-07	4.6976e-07	0.0000e+00
1140	0.0000e+00	0.0000e+00	-6.9576e-04	-1.0562e-06	3.2276e-07	0.0000e+00
1141	0.0000e+00	0.0000e+00	-7.3987e-04	-1.0883e-06	2.0767e-07	0.0000e+00
1142	0.0000e+00	0.0000e+00	-7.7755e-04	-7.3784e-07	1.7791e-07	0.0000e+00
1143	0.0000e+00	0.0000e+00	-7.9446e-04	-7.1197e-08	1.9886e-07	0.0000e+00
1144	0.0000e+00	0.0000e+00	-8.6909e-04	2.2496e-06	2.3867e-08	0.0000e+00
1145	0.0000e+00	0.0000e+00	-7.8355e-04	1.8399e-06	2.2410e-07	0.0000e+00
1146	0.0000e+00	0.0000e+00	-7.1932e-04	1.2609e-06	3.9941e-07	0.0000e+00
1147	0.0000e+00	0.0000e+00	-6.8149e-04	6.0268e-07	5.3130e-07	0.0000e+00
1148	0.0000e+00	0.0000e+00	-6.7137e-04	-4.2659e-08	6.2077e-07	0.0000e+00
1149	0.0000e+00	0.0000e+00	-6.8659e-04	-5.8514e-07	6.8659e-07	0.0000e+00
1150	0.0000e+00	0.0000e+00	-7.2120e-04	-9.3927e-07	7.6262e-07	0.0000e+00
1151	0.0000e+00	0.0000e+00	-7.6596e-04	-1.0251e-06	8.9343e-07	0.0000e+00
1152	0.0000e+00	0.0000e+00	-8.0847e-04	-7.6755e-07	1.1239e-06	0.0000e+00
1153	0.0000e+00	0.0000e+00	-1.4762e-03	4.8934e-06	-3.6472e-06	0.0000e+00
1154	0.0000e+00	0.0000e+00	-1.2357e-03	5.7784e-06	-1.9470e-06	0.0000e+00
1155	0.0000e+00	0.0000e+00	-1.0028e-03	4.7229e-06	-9.5255e-07	0.0000e+00
1156	0.0000e+00	0.0000e+00	-8.3752e-04	2.7563e-06	-4.0912e-07	0.0000e+00
1157	0.0000e+00	0.0000e+00	-7.6801e-04	3.9341e-07	-2.0256e-07	0.0000e+00
1158	0.0000e+00	0.0000e+00	-8.0415e-04	-2.0353e-06	-2.9469e-07	0.0000e+00
1159	0.0000e+00	0.0000e+00	-9.4210e-04	-4.2171e-06	-7.1288e-07	0.0000e+00
1160	0.0000e+00	0.0000e+00	-1.1616e-03	-5.6964e-06	-1.5568e-06	0.0000e+00
1161	0.0000e+00	0.0000e+00	-1.4142e-03	-5.5726e-06	-3.0558e-06	0.0000e+00
1162	0.0000e+00	0.0000e+00	-1.5872e-03	-1.9741e-06	-4.2753e-06	0.0000e+00
1163	0.0000e+00	0.0000e+00	-1.2787e-03	3.0609e-06	-5.1454e-06	0.0000e+00
1164	0.0000e+00	0.0000e+00	-1.1110e-03	4.2570e-06	-3.5024e-06	0.0000e+00

1165	0.0000e+00	0.0000e+00	-9.3103e-04	3.7556e-06	-2.1627e-06	0.0000e+00
1166	0.0000e+00	0.0000e+00	-7.9690e-04	2.2654e-06	-1.3289e-06	0.0000e+00
1167	0.0000e+00	0.0000e+00	-7.3948e-04	3.1928e-07	-9.9698e-07	0.0000e+00
1168	0.0000e+00	0.0000e+00	-7.7005e-04	-1.6978e-06	-1.1486e-06	0.0000e+00
1169	0.0000e+00	0.0000e+00	-8.8385e-04	-3.4182e-06	-1.7959e-06	0.0000e+00
1170	0.0000e+00	0.0000e+00	-1.0580e-03	-4.3631e-06	-2.9454e-06	0.0000e+00
1171	0.0000e+00	0.0000e+00	-1.2455e-03	-3.9058e-06	-4.4313e-06	0.0000e+00
1172	0.0000e+00	0.0000e+00	-1.3747e-03	-1.8057e-06	-5.3195e-06	0.0000e+00
1173	0.0000e+00	0.0000e+00	-1.0657e-03	1.8923e-06	-4.5635e-06	0.0000e+00
1174	0.0000e+00	0.0000e+00	-9.5664e-04	2.8700e-06	-3.4246e-06	0.0000e+00
1175	0.0000e+00	0.0000e+00	-8.3077e-04	2.6920e-06	-2.2845e-06	0.0000e+00
1176	0.0000e+00	0.0000e+00	-7.3264e-04	1.6755e-06	-1.4847e-06	0.0000e+00
1177	0.0000e+00	0.0000e+00	-6.9014e-04	2.2194e-07	-1.1412e-06	0.0000e+00
1178	0.0000e+00	0.0000e+00	-7.1429e-04	-1.3029e-06	-1.2783e-06	0.0000e+00
1179	0.0000e+00	0.0000e+00	-8.0051e-04	-2.5452e-06	-1.8796e-06	0.0000e+00
1180	0.0000e+00	0.0000e+00	-9.2834e-04	-3.1339e-06	-2.8525e-06	0.0000e+00
1181	0.0000e+00	0.0000e+00	-1.0619e-03	-2.7742e-06	-3.9145e-06	0.0000e+00
1182	0.0000e+00	0.0000e+00	-1.1595e-03	-1.5743e-06	-4.5339e-06	0.0000e+00
1183	0.0000e+00	0.0000e+00	-8.9943e-04	1.1876e-06	-3.0811e-06	0.0000e+00
1184	0.0000e+00	0.0000e+00	-8.2903e-04	1.8863e-06	-2.3776e-06	0.0000e+00
1185	0.0000e+00	0.0000e+00	-7.4445e-04	1.8338e-06	-1.5883e-06	0.0000e+00
1186	0.0000e+00	0.0000e+00	-6.7683e-04	1.1561e-06	-9.7979e-07	0.0000e+00
1187	0.0000e+00	0.0000e+00	-6.4803e-04	1.1910e-07	-6.9423e-07	0.0000e+00
1188	0.0000e+00	0.0000e+00	-6.6739e-04	-9.8309e-07	-7.7781e-07	0.0000e+00
1189	0.0000e+00	0.0000e+00	-7.3137e-04	-1.8614e-06	-1.2034e-06	0.0000e+00
1190	0.0000e+00	0.0000e+00	-8.2428e-04	-2.2590e-06	-1.8597e-06	0.0000e+00
1191	0.0000e+00	0.0000e+00	-9.2126e-04	-2.0401e-06	-2.5312e-06	0.0000e+00
1192	0.0000e+00	0.0000e+00	-9.9669e-04	-1.3335e-06	-2.9479e-06	0.0000e+00
1193	0.0000e+00	0.0000e+00	-8.0405e-04	7.9787e-07	-1.3420e-06	0.0000e+00
1194	0.0000e+00	0.0000e+00	-7.5615e-04	1.2873e-06	-9.7601e-07	0.0000e+00
1195	0.0000e+00	0.0000e+00	-6.9804e-04	1.2583e-06	-5.1924e-07	0.0000e+00
1196	0.0000e+00	0.0000e+00	-6.5175e-04	7.7697e-07	-1.3119e-07	0.0000e+00
1197	0.0000e+00	0.0000e+00	-6.3350e-04	2.2828e-08	7.3113e-08	0.0000e+00
1198	0.0000e+00	0.0000e+00	-6.5057e-04	-7.8651e-07	4.7897e-08	0.0000e+00
1199	0.0000e+00	0.0000e+00	-7.0055e-04	-1.4339e-06	-1.8335e-07	0.0000e+00
1200	0.0000e+00	0.0000e+00	-7.7207e-04	-1.7366e-06	-5.3437e-07	0.0000e+00
1201	0.0000e+00	0.0000e+00	-8.4748e-04	-1.6079e-06	-8.8145e-07	0.0000e+00
1202	0.0000e+00	0.0000e+00	-9.0881e-04	-1.1335e-06	-1.1199e-06	0.0000e+00
1203	0.0000e+00	0.0000e+00	-7.8080e-04	6.6319e-07	2.0971e-07	0.0000e+00
1204	0.0000e+00	0.0000e+00	-7.4251e-04	1.0238e-06	2.9288e-07	0.0000e+00
1205	0.0000e+00	0.0000e+00	-6.9777e-04	9.5717e-07	4.7037e-07	0.0000e+00
1206	0.0000e+00	0.0000e+00	-6.6374e-04	5.5109e-07	6.6059e-07	0.0000e+00
1207	0.0000e+00	0.0000e+00	-6.5250e-04	-5.7441e-08	7.8336e-07	0.0000e+00
1208	0.0000e+00	0.0000e+00	-6.6954e-04	-7.1112e-07	8.0299e-07	0.0000e+00
1209	0.0000e+00	0.0000e+00	-7.1331e-04	-1.2506e-06	7.3579e-07	0.0000e+00
1210	0.0000e+00	0.0000e+00	-7.7547e-04	-1.5310e-06	6.3992e-07	0.0000e+00
1211	0.0000e+00	0.0000e+00	-8.4204e-04	-1.4456e-06	5.7500e-07	0.0000e+00
1212	0.0000e+00	0.0000e+00	-8.9675e-04	-1.0082e-06	5.1217e-07	0.0000e+00
1213	0.0000e+00	0.0000e+00	-8.1312e-04	6.2400e-07	1.1548e-06	0.0000e+00
1214	0.0000e+00	0.0000e+00	-7.7249e-04	8.8489e-07	9.8450e-07	0.0000e+00
1215	0.0000e+00	0.0000e+00	-7.3025e-04	7.7574e-07	9.3601e-07	0.0000e+00
1216	0.0000e+00	0.0000e+00	-7.0057e-04	4.0075e-07	9.5427e-07	0.0000e+00
1217	0.0000e+00	0.0000e+00	-6.9285e-04	-1.2834e-07	9.9610e-07	0.0000e+00
1218	0.0000e+00	0.0000e+00	-7.1136e-04	-6.9342e-07	1.0411e-06	0.0000e+00
1219	0.0000e+00	0.0000e+00	-7.5504e-04	-1.1736e-06	1.0953e-06	0.0000e+00
1220	0.0000e+00	0.0000e+00	-8.1747e-04	-1.4485e-06	1.1884e-06	0.0000e+00
1221	0.0000e+00	0.0000e+00	-8.8692e-04	-1.3989e-06	1.3646e-06	0.0000e+00
1222	0.0000e+00	0.0000e+00	-1.5807e-03	2.0414e-06	-4.2755e-06	0.0000e+00
1223	0.0000e+00	0.0000e+00	-1.4042e-03	5.6658e-06	-3.0540e-06	0.0000e+00
1224	0.0000e+00	0.0000e+00	-1.1469e-03	5.8213e-06	-1.5486e-06	0.0000e+00
1225	0.0000e+00	0.0000e+00	-9.2115e-04	4.3749e-06	-6.9364e-07	0.0000e+00
1226	0.0000e+00	0.0000e+00	-7.7565e-04	2.2210e-06	-2.5882e-07	0.0000e+00
1227	0.0000e+00	0.0000e+00	-7.3101e-04	-1.9443e-07	-1.4298e-07	0.0000e+00
1228	0.0000e+00	0.0000e+00	-7.9208e-04	-2.5744e-06	-3.1698e-07	0.0000e+00
1229	0.0000e+00	0.0000e+00	-9.5073e-04	-4.6123e-06	-8.1644e-07	0.0000e+00
1230	0.0000e+00	0.0000e+00	-1.1822e-03	-5.8307e-06	-1.7514e-06	0.0000e+00
1231	0.0000e+00	0.0000e+00	-1.4315e-03	-5.2635e-06	-3.3667e-06	0.0000e+00
1232	0.0000e+00	0.0000e+00	-1.5747e-03	-8.8508e-07	-4.6666e-06	0.0000e+00
1233	0.0000e+00	0.0000e+00	-1.3682e-03	1.8717e-06	-5.3211e-06	0.0000e+00
1234	0.0000e+00	0.0000e+00	-1.2356e-03	3.9938e-06	-4.4291e-06	0.0000e+00
1235	0.0000e+00	0.0000e+00	-1.0437e-03	4.4774e-06	-2.9340e-06	0.0000e+00
1236	0.0000e+00	0.0000e+00	-8.6395e-04	3.5587e-06	-1.7681e-06	0.0000e+00

1237	0.0000e+00	0.0000e+00	-7.4352e-04	1.8581e-06	-1.0954e-06	0.0000e+00
1238	0.0000e+00	0.0000e+00	-7.0578e-04	-1.5575e-07	-9.0758e-07	0.0000e+00
1239	0.0000e+00	0.0000e+00	-7.5654e-04	-2.1310e-06	-1.1907e-06	0.0000e+00
1240	0.0000e+00	0.0000e+00	-8.8646e-04	-3.7066e-06	-1.9624e-06	0.0000e+00
1241	0.0000e+00	0.0000e+00	-1.0678e-03	-4.3850e-06	-3.2300e-06	0.0000e+00
1242	0.0000e+00	0.0000e+00	-1.2475e-03	-3.5026e-06	-4.8060e-06	0.0000e+00
1243	0.0000e+00	0.0000e+00	-1.3468e-03	-8.3345e-07	-5.6635e-06	0.0000e+00
1244	0.0000e+00	0.0000e+00	-1.1528e-03	1.6381e-06	-4.5380e-06	0.0000e+00
1245	0.0000e+00	0.0000e+00	-1.0521e-03	2.8553e-06	-3.9140e-06	0.0000e+00
1246	0.0000e+00	0.0000e+00	-9.1457e-04	3.2344e-06	-2.8409e-06	0.0000e+00
1247	0.0000e+00	0.0000e+00	-7.8193e-04	2.6630e-06	-1.8485e-06	0.0000e+00
1248	0.0000e+00	0.0000e+00	-6.9030e-04	1.4298e-06	-1.2169e-06	0.0000e+00
1249	0.0000e+00	0.0000e+00	-6.6071e-04	-1.0414e-07	-1.0375e-06	0.0000e+00
1250	0.0000e+00	0.0000e+00	-6.9882e-04	-1.5992e-06	-1.3264e-06	0.0000e+00
1251	0.0000e+00	0.0000e+00	-7.9548e-04	-2.7101e-06	-2.0626e-06	0.0000e+00
1252	0.0000e+00	0.0000e+00	-9.2566e-04	-3.0604e-06	-3.1414e-06	0.0000e+00
1253	0.0000e+00	0.0000e+00	-1.0488e-03	-2.3552e-06	-4.2470e-06	0.0000e+00
1254	0.0000e+00	0.0000e+00	-1.1190e-03	-7.4863e-07	-4.7948e-06	0.0000e+00
1255	0.0000e+00	0.0000e+00	-9.8985e-04	1.3950e-06	-2.9548e-06	0.0000e+00
1256	0.0000e+00	0.0000e+00	-9.1145e-04	2.1136e-06	-2.5336e-06	0.0000e+00
1257	0.0000e+00	0.0000e+00	-8.1098e-04	2.3443e-06	-1.8507e-06	0.0000e+00
1258	0.0000e+00	0.0000e+00	-7.1413e-04	1.9542e-06	-1.1742e-06	0.0000e+00
1259	0.0000e+00	0.0000e+00	-6.4608e-04	1.0734e-06	-7.1759e-07	0.0000e+00
1260	0.0000e+00	0.0000e+00	-6.2314e-04	-4.9677e-08	-5.9134e-07	0.0000e+00
1261	0.0000e+00	0.0000e+00	-6.4989e-04	-1.1377e-06	-8.2419e-07	0.0000e+00
1262	0.0000e+00	0.0000e+00	-7.1864e-04	-1.9109e-06	-1.3761e-06	0.0000e+00
1263	0.0000e+00	0.0000e+00	-8.0980e-04	-2.1181e-06	-2.1188e-06	0.0000e+00
1264	0.0000e+00	0.0000e+00	-8.9504e-04	-1.6397e-06	-2.8103e-06	0.0000e+00
1265	0.0000e+00	0.0000e+00	-9.4662e-04	-6.5282e-07	-3.1519e-06	0.0000e+00
1266	0.0000e+00	0.0000e+00	-9.0164e-04	1.1931e-06	-1.1283e-06	0.0000e+00
1267	0.0000e+00	0.0000e+00	-8.3754e-04	1.6742e-06	-8.8579e-07	0.0000e+00
1268	0.0000e+00	0.0000e+00	-7.5910e-04	1.8070e-06	-5.2837e-07	0.0000e+00
1269	0.0000e+00	0.0000e+00	-6.8451e-04	1.5023e-06	-1.5868e-07	0.0000e+00
1270	0.0000e+00	0.0000e+00	-6.3176e-04	8.4161e-07	1.0108e-07	0.0000e+00
1271	0.0000e+00	0.0000e+00	-6.1288e-04	1.1838e-09	1.6478e-07	0.0000e+00
1272	0.0000e+00	0.0000e+00	-6.3122e-04	-8.1011e-07	6.5250e-09	0.0000e+00
1273	0.0000e+00	0.0000e+00	-6.8085e-04	-1.3835e-06	-3.3462e-07	0.0000e+00
1274	0.0000e+00	0.0000e+00	-7.4727e-04	-1.5462e-06	-7.5627e-07	0.0000e+00
1275	0.0000e+00	0.0000e+00	-8.1028e-04	-1.2306e-06	-1.1172e-06	0.0000e+00
1276	0.0000e+00	0.0000e+00	-8.5066e-04	-5.6481e-07	-1.3031e-06	0.0000e+00
1277	0.0000e+00	0.0000e+00	-8.8926e-04	1.0662e-06	5.0601e-07	0.0000e+00
1278	0.0000e+00	0.0000e+00	-8.3195e-04	1.5057e-06	5.7276e-07	0.0000e+00
1279	0.0000e+00	0.0000e+00	-7.6278e-04	1.5887e-06	6.4683e-07	0.0000e+00
1280	0.0000e+00	0.0000e+00	-6.9830e-04	1.2980e-06	7.5862e-07	0.0000e+00
1281	0.0000e+00	0.0000e+00	-6.5290e-04	7.3642e-07	8.4933e-07	0.0000e+00
1282	0.0000e+00	0.0000e+00	-6.3555e-04	4.3901e-08	8.6043e-07	0.0000e+00
1283	0.0000e+00	0.0000e+00	-6.4865e-04	-6.2542e-07	7.7311e-07	0.0000e+00
1284	0.0000e+00	0.0000e+00	-6.8779e-04	-1.1188e-06	6.1739e-07	0.0000e+00
1285	0.0000e+00	0.0000e+00	-7.4209e-04	-1.3012e-06	4.6401e-07	0.0000e+00
1286	0.0000e+00	0.0000e+00	-7.9563e-04	-1.0812e-06	3.8322e-07	0.0000e+00
1287	0.0000e+00	0.0000e+00	-8.3100e-04	-4.9618e-07	3.4291e-07	0.0000e+00
1288	0.0000e+00	0.0000e+00	-8.7695e-04	1.4501e-06	1.3736e-06	0.0000e+00
1289	0.0000e+00	0.0000e+00	-8.0531e-04	1.4914e-06	1.2071e-06	0.0000e+00
1290	0.0000e+00	0.0000e+00	-7.4120e-04	1.1995e-06	1.1276e-06	0.0000e+00
1291	0.0000e+00	0.0000e+00	-6.9677e-04	6.9066e-07	1.0906e-06	0.0000e+00
1292	0.0000e+00	0.0000e+00	-6.7904e-04	8.1874e-08	1.0652e-06	0.0000e+00
1293	0.0000e+00	0.0000e+00	-6.8981e-04	-5.0881e-07	1.0426e-06	0.0000e+00
1294	0.0000e+00	0.0000e+00	-7.2567e-04	-9.6499e-07	1.0390e-06	0.0000e+00
1295	0.0000e+00	0.0000e+00	-7.7812e-04	-1.1744e-06	1.0920e-06	0.0000e+00
1296	0.0000e+00	0.0000e+00	-8.3382e-04	-1.0294e-06	1.2509e-06	0.0000e+00
1297	0.0000e+00	0.0000e+00	-1.5747e-03	8.8510e-07	-4.6666e-06	0.0000e+00
1298	0.0000e+00	0.0000e+00	-1.4315e-03	5.2636e-06	-3.3667e-06	0.0000e+00
1299	0.0000e+00	0.0000e+00	-1.1822e-03	5.8307e-06	-1.7514e-06	0.0000e+00
1300	0.0000e+00	0.0000e+00	-9.5073e-04	4.6123e-06	-8.1644e-07	0.0000e+00
1301	0.0000e+00	0.0000e+00	-7.9208e-04	2.5743e-06	-3.1698e-07	0.0000e+00
1302	0.0000e+00	0.0000e+00	-7.3101e-04	1.9442e-07	-1.4298e-07	0.0000e+00
1303	0.0000e+00	0.0000e+00	-7.7565e-04	-2.2210e-06	-2.5882e-07	0.0000e+00
1304	0.0000e+00	0.0000e+00	-9.2115e-04	-4.3749e-06	-6.9364e-07	0.0000e+00
1305	0.0000e+00	0.0000e+00	-1.1469e-03	-5.8213e-06	-1.5486e-06	0.0000e+00
1306	0.0000e+00	0.0000e+00	-1.4042e-03	-5.6658e-06	-3.0540e-06	0.0000e+00
1307	0.0000e+00	0.0000e+00	-1.5807e-03	-2.0414e-06	-4.2754e-06	0.0000e+00
1308	0.0000e+00	0.0000e+00	-1.3468e-03	8.3346e-07	-5.6635e-06	0.0000e+00



1309	0.0000e+00	0.0000e+00	-1.2475e-03	3.5026e-06	-4.8060e-06	0.0000e+00
1310	0.0000e+00	0.0000e+00	-1.0678e-03	4.3850e-06	-3.2300e-06	0.0000e+00
1311	0.0000e+00	0.0000e+00	-8.8646e-04	3.7066e-06	-1.9624e-06	0.0000e+00
1312	0.0000e+00	0.0000e+00	-7.5654e-04	2.1310e-06	-1.1907e-06	0.0000e+00
1313	0.0000e+00	0.0000e+00	-7.0578e-04	1.5574e-07	-9.0758e-07	0.0000e+00
1314	0.0000e+00	0.0000e+00	-7.4352e-04	-1.8581e-06	-1.0954e-06	0.0000e+00
1315	0.0000e+00	0.0000e+00	-8.6395e-04	-3.5587e-06	-1.7681e-06	0.0000e+00
1316	0.0000e+00	0.0000e+00	-1.0437e-03	-4.4774e-06	-2.9340e-06	0.0000e+00
1317	0.0000e+00	0.0000e+00	-1.2356e-03	-3.9938e-06	-4.4291e-06	0.0000e+00
1318	0.0000e+00	0.0000e+00	-1.3682e-03	-1.8717e-06	-5.3211e-06	0.0000e+00
1319	0.0000e+00	0.0000e+00	-1.1190e-03	7.4863e-07	-4.7948e-06	0.0000e+00
1320	0.0000e+00	0.0000e+00	-1.0487e-03	2.3552e-06	-4.2470e-06	0.0000e+00
1321	0.0000e+00	0.0000e+00	-9.2566e-04	3.0604e-06	-3.1414e-06	0.0000e+00
1322	0.0000e+00	0.0000e+00	-7.9548e-04	2.7101e-06	-2.0626e-06	0.0000e+00
1323	0.0000e+00	0.0000e+00	-6.9882e-04	1.5992e-06	-1.3264e-06	0.0000e+00
1324	0.0000e+00	0.0000e+00	-6.6071e-04	1.0413e-07	-1.0375e-06	0.0000e+00
1325	0.0000e+00	0.0000e+00	-6.9030e-04	-1.4298e-06	-1.2169e-06	0.0000e+00
1326	0.0000e+00	0.0000e+00	-7.8193e-04	-2.6630e-06	-1.8485e-06	0.0000e+00
1327	0.0000e+00	0.0000e+00	-9.1457e-04	-3.2344e-06	-2.8409e-06	0.0000e+00
1328	0.0000e+00	0.0000e+00	-1.0521e-03	-2.8553e-06	-3.9140e-06	0.0000e+00
1329	0.0000e+00	0.0000e+00	-1.1528e-03	-1.6381e-06	-4.5380e-06	0.0000e+00
1330	0.0000e+00	0.0000e+00	-9.4662e-04	6.5283e-07	-3.1519e-06	0.0000e+00
1331	0.0000e+00	0.0000e+00	-8.9504e-04	1.6397e-06	-2.8103e-06	0.0000e+00
1332	0.0000e+00	0.0000e+00	-8.0980e-04	2.1181e-06	-2.1188e-06	0.0000e+00
1333	0.0000e+00	0.0000e+00	-7.1864e-04	1.9109e-06	-1.3761e-06	0.0000e+00
1334	0.0000e+00	0.0000e+00	-6.4989e-04	1.1377e-06	-8.2419e-07	0.0000e+00
1335	0.0000e+00	0.0000e+00	-6.2314e-04	4.9667e-08	-5.9134e-07	0.0000e+00
1336	0.0000e+00	0.0000e+00	-6.4608e-04	-1.0734e-06	-7.1758e-07	0.0000e+00
1337	0.0000e+00	0.0000e+00	-7.1413e-04	-1.9542e-06	-1.1742e-06	0.0000e+00
1338	0.0000e+00	0.0000e+00	-8.1098e-04	-2.3443e-06	-1.8507e-06	0.0000e+00
1339	0.0000e+00	0.0000e+00	-9.1146e-04	-2.1136e-06	-2.5336e-06	0.0000e+00
1340	0.0000e+00	0.0000e+00	-9.8985e-04	-1.3950e-06	-2.9548e-06	0.0000e+00
1341	0.0000e+00	0.0000e+00	-8.5066e-04	5.6481e-07	-1.3031e-06	0.0000e+00
1342	0.0000e+00	0.0000e+00	-8.1028e-04	1.2306e-06	-1.1172e-06	0.0000e+00
1343	0.0000e+00	0.0000e+00	-7.4727e-04	1.5462e-06	-7.5627e-07	0.0000e+00
1344	0.0000e+00	0.0000e+00	-6.8085e-04	1.3835e-06	-3.3462e-07	0.0000e+00
1345	0.0000e+00	0.0000e+00	-6.3122e-04	8.1009e-07	6.5289e-09	0.0000e+00
1346	0.0000e+00	0.0000e+00	-6.1288e-04	-1.1952e-09	1.6479e-07	0.0000e+00
1347	0.0000e+00	0.0000e+00	-6.3176e-04	-8.4162e-07	1.0109e-07	0.0000e+00
1348	0.0000e+00	0.0000e+00	-6.8451e-04	-1.5023e-06	-1.5867e-07	0.0000e+00
1349	0.0000e+00	0.0000e+00	-7.5911e-04	-1.8070e-06	-5.2836e-07	0.0000e+00
1350	0.0000e+00	0.0000e+00	-8.3754e-04	-1.6742e-06	-8.8578e-07	0.0000e+00
1351	0.0000e+00	0.0000e+00	-9.0164e-04	-1.1931e-06	-1.1283e-06	0.0000e+00
1352	0.0000e+00	0.0000e+00	-8.3100e-04	4.9618e-07	3.4291e-07	0.0000e+00
1353	0.0000e+00	0.0000e+00	-7.9562e-04	1.0812e-06	3.8322e-07	0.0000e+00
1354	0.0000e+00	0.0000e+00	-7.4209e-04	1.3012e-06	4.6401e-07	0.0000e+00
1355	0.0000e+00	0.0000e+00	-6.8779e-04	1.1187e-06	6.1739e-07	0.0000e+00
1356	0.0000e+00	0.0000e+00	-6.4865e-04	6.2541e-07	7.7312e-07	0.0000e+00
1357	0.0000e+00	0.0000e+00	-6.3555e-04	-4.3915e-08	8.6044e-07	0.0000e+00
1358	0.0000e+00	0.0000e+00	-6.5290e-04	-7.3644e-07	8.4934e-07	0.0000e+00
1359	0.0000e+00	0.0000e+00	-6.9830e-04	-1.2980e-06	7.5863e-07	0.0000e+00
1360	0.0000e+00	0.0000e+00	-7.6279e-04	-1.5887e-06	6.4685e-07	0.0000e+00
1361	0.0000e+00	0.0000e+00	-8.3195e-04	-1.5057e-06	5.7278e-07	0.0000e+00
1362	0.0000e+00	0.0000e+00	-8.8926e-04	-1.0662e-06	5.0604e-07	0.0000e+00
1363	0.0000e+00	0.0000e+00	-8.3382e-04	1.0294e-06	1.2509e-06	0.0000e+00
1364	0.0000e+00	0.0000e+00	-7.7812e-04	1.1744e-06	1.0920e-06	0.0000e+00
1365	0.0000e+00	0.0000e+00	-7.2567e-04	9.6498e-07	1.0390e-06	0.0000e+00
1366	0.0000e+00	0.0000e+00	-6.8981e-04	5.0880e-07	1.0426e-06	0.0000e+00
1367	0.0000e+00	0.0000e+00	-6.7904e-04	-8.1891e-08	1.0652e-06	0.0000e+00
1368	0.0000e+00	0.0000e+00	-6.9677e-04	-6.9067e-07	1.0907e-06	0.0000e+00
1369	0.0000e+00	0.0000e+00	-7.4120e-04	-1.1995e-06	1.1277e-06	0.0000e+00
1370	0.0000e+00	0.0000e+00	-8.0532e-04	-1.4914e-06	1.2072e-06	0.0000e+00
1371	0.0000e+00	0.0000e+00	-8.7696e-04	-1.4501e-06	1.3736e-06	0.0000e+00
1372	0.0000e+00	0.0000e+00	-1.5872e-03	1.9741e-06	-4.2753e-06	0.0000e+00
1373	0.0000e+00	0.0000e+00	-1.4142e-03	5.5726e-06	-3.0558e-06	0.0000e+00
1374	0.0000e+00	0.0000e+00	-1.1616e-03	5.6964e-06	-1.5568e-06	0.0000e+00
1375	0.0000e+00	0.0000e+00	-9.4210e-04	4.2171e-06	-7.1286e-07	0.0000e+00
1376	0.0000e+00	0.0000e+00	-8.0415e-04	2.0353e-06	-2.9467e-07	0.0000e+00
1377	0.0000e+00	0.0000e+00	-7.6801e-04	-3.9343e-07	-2.0254e-07	0.0000e+00
1378	0.0000e+00	0.0000e+00	-8.3752e-04	-2.7563e-06	-4.0909e-07	0.0000e+00
1379	0.0000e+00	0.0000e+00	-1.0028e-03	-4.7229e-06	-9.5253e-07	0.0000e+00
1380	0.0000e+00	0.0000e+00	-1.2357e-03	-5.7784e-06	-1.9470e-06	0.0000e+00

1381	0.0000e+00	0.0000e+00	-1.4762e-03	-4.8934e-06	-3.6472e-06	0.0000e+00
1382	0.0000e+00	0.0000e+00	-1.5910e-03	7.3170e-08	-4.9865e-06	0.0000e+00
1383	0.0000e+00	0.0000e+00	-1.3747e-03	1.8057e-06	-5.3195e-06	0.0000e+00
1384	0.0000e+00	0.0000e+00	-1.2455e-03	3.9058e-06	-4.4313e-06	0.0000e+00
1385	0.0000e+00	0.0000e+00	-1.0580e-03	4.3631e-06	-2.9454e-06	0.0000e+00
1386	0.0000e+00	0.0000e+00	-8.8385e-04	3.4182e-06	-1.7959e-06	0.0000e+00
1387	0.0000e+00	0.0000e+00	-7.7005e-04	1.6978e-06	-1.1486e-06	0.0000e+00
1388	0.0000e+00	0.0000e+00	-7.3948e-04	-3.1930e-07	-9.9695e-07	0.0000e+00
1389	0.0000e+00	0.0000e+00	-7.9690e-04	-2.2654e-06	-1.3289e-06	0.0000e+00
1390	0.0000e+00	0.0000e+00	-9.3103e-04	-3.7556e-06	-2.1626e-06	0.0000e+00
1391	0.0000e+00	0.0000e+00	-1.1110e-03	-4.2570e-06	-3.5024e-06	0.0000e+00
1392	0.0000e+00	0.0000e+00	-1.2787e-03	-3.0609e-06	-5.1454e-06	0.0000e+00
1393	0.0000e+00	0.0000e+00	-1.3484e-03	9.1404e-08	-5.9932e-06	0.0000e+00
1394	0.0000e+00	0.0000e+00	-1.1594e-03	1.5743e-06	-4.5339e-06	0.0000e+00
1395	0.0000e+00	0.0000e+00	-1.0619e-03	2.7742e-06	-3.9145e-06	0.0000e+00
1396	0.0000e+00	0.0000e+00	-9.2834e-04	3.1339e-06	-2.8525e-06	0.0000e+00
1397	0.0000e+00	0.0000e+00	-8.0051e-04	2.5452e-06	-1.8796e-06	0.0000e+00
1398	0.0000e+00	0.0000e+00	-7.1429e-04	1.3029e-06	-1.2782e-06	0.0000e+00
1399	0.0000e+00	0.0000e+00	-6.9015e-04	-2.2197e-07	-1.1412e-06	0.0000e+00
1400	0.0000e+00	0.0000e+00	-7.3264e-04	-1.6755e-06	-1.4846e-06	0.0000e+00
1401	0.0000e+00	0.0000e+00	-8.3077e-04	-2.6920e-06	-2.2844e-06	0.0000e+00
1402	0.0000e+00	0.0000e+00	-9.5665e-04	-2.8700e-06	-3.4246e-06	0.0000e+00
1403	0.0000e+00	0.0000e+00	-1.0657e-03	-1.8924e-06	-4.5634e-06	0.0000e+00
1404	0.0000e+00	0.0000e+00	-1.1077e-03	8.1030e-08	-5.0578e-06	0.0000e+00
1405	0.0000e+00	0.0000e+00	-9.9669e-04	1.3335e-06	-2.9478e-06	0.0000e+00
1406	0.0000e+00	0.0000e+00	-9.2126e-04	2.0401e-06	-2.5312e-06	0.0000e+00
1407	0.0000e+00	0.0000e+00	-8.2428e-04	2.2590e-06	-1.8597e-06	0.0000e+00
1408	0.0000e+00	0.0000e+00	-7.3137e-04	1.8613e-06	-1.2034e-06	0.0000e+00
1409	0.0000e+00	0.0000e+00	-6.6739e-04	9.8305e-07	-7.7776e-07	0.0000e+00
1410	0.0000e+00	0.0000e+00	-6.4804e-04	-1.1914e-07	-6.9417e-07	0.0000e+00
1411	0.0000e+00	0.0000e+00	-6.7684e-04	-1.1562e-06	-9.7972e-07	0.0000e+00
1412	0.0000e+00	0.0000e+00	-7.4446e-04	-1.8338e-06	-1.5883e-06	0.0000e+00
1413	0.0000e+00	0.0000e+00	-8.2904e-04	-1.8863e-06	-2.3775e-06	0.0000e+00
1414	0.0000e+00	0.0000e+00	-8.9944e-04	-1.1876e-06	-3.0810e-06	0.0000e+00
1415	0.0000e+00	0.0000e+00	-9.2526e-04	6.9149e-08	-3.3613e-06	0.0000e+00
1416	0.0000e+00	0.0000e+00	-9.0881e-04	1.1335e-06	-1.1199e-06	0.0000e+00
1417	0.0000e+00	0.0000e+00	-8.4748e-04	1.6079e-06	-8.8142e-07	0.0000e+00
1418	0.0000e+00	0.0000e+00	-7.7207e-04	1.7366e-06	-5.3432e-07	0.0000e+00
1419	0.0000e+00	0.0000e+00	-7.0056e-04	1.4339e-06	-1.8330e-07	0.0000e+00
1420	0.0000e+00	0.0000e+00	-6.5058e-04	7.8646e-07	4.7962e-08	0.0000e+00
1421	0.0000e+00	0.0000e+00	-6.3351e-04	-2.2884e-08	7.3192e-08	0.0000e+00
1422	0.0000e+00	0.0000e+00	-6.5176e-04	-7.7703e-07	-1.3109e-07	0.0000e+00
1423	0.0000e+00	0.0000e+00	-6.9805e-04	-1.2584e-06	-5.1913e-07	0.0000e+00
1424	0.0000e+00	0.0000e+00	-7.5617e-04	-1.2873e-06	-9.7588e-07	0.0000e+00
1425	0.0000e+00	0.0000e+00	-8.0407e-04	-7.9790e-07	-1.3418e-06	0.0000e+00
1426	0.0000e+00	0.0000e+00	-8.2104e-04	6.5730e-08	-1.4786e-06	0.0000e+00
1427	0.0000e+00	0.0000e+00	-8.9675e-04	1.0081e-06	5.1221e-07	0.0000e+00
1428	0.0000e+00	0.0000e+00	-8.4204e-04	1.4455e-06	5.7505e-07	0.0000e+00
1429	0.0000e+00	0.0000e+00	-7.7547e-04	1.5310e-06	6.3998e-07	0.0000e+00
1430	0.0000e+00	0.0000e+00	-7.1332e-04	1.2505e-06	7.3586e-07	0.0000e+00
1431	0.0000e+00	0.0000e+00	-6.6955e-04	7.1105e-07	8.0307e-07	0.0000e+00
1432	0.0000e+00	0.0000e+00	-6.5251e-04	5.7369e-08	7.8345e-07	0.0000e+00
1433	0.0000e+00	0.0000e+00	-6.6376e-04	-5.5117e-07	6.6070e-07	0.0000e+00
1434	0.0000e+00	0.0000e+00	-6.9779e-04	-9.5725e-07	4.7050e-07	0.0000e+00
1435	0.0000e+00	0.0000e+00	-7.4253e-04	-1.0239e-06	2.9302e-07	0.0000e+00
1436	0.0000e+00	0.0000e+00	-7.8083e-04	-6.6323e-07	2.0987e-07	0.0000e+00
1437	0.0000e+00	0.0000e+00	-7.9449e-04	7.1187e-08	1.9903e-07	0.0000e+00
1438	0.0000e+00	0.0000e+00	-8.8692e-04	1.3989e-06	1.3647e-06	0.0000e+00
1439	0.0000e+00	0.0000e+00	-8.1747e-04	1.4485e-06	1.1885e-06	0.0000e+00
1440	0.0000e+00	0.0000e+00	-7.5505e-04	1.1736e-06	1.0954e-06	0.0000e+00
1441	0.0000e+00	0.0000e+00	-7.1137e-04	6.9334e-07	1.0412e-06	0.0000e+00
1442	0.0000e+00	0.0000e+00	-6.9286e-04	1.2825e-07	9.9619e-07	0.0000e+00
1443	0.0000e+00	0.0000e+00	-7.0059e-04	-4.0084e-07	9.5438e-07	0.0000e+00
1444	0.0000e+00	0.0000e+00	-7.3027e-04	-7.7583e-07	9.3614e-07	0.0000e+00
1445	0.0000e+00	0.0000e+00	-7.7252e-04	-8.8497e-07	9.8464e-07	0.0000e+00
1446	0.0000e+00	0.0000e+00	-8.1315e-04	-6.2405e-07	1.1550e-06	0.0000e+00
1447	0.0000e+00	0.0000e+00	-1.4872e-03	4.8124e-06	-3.8427e-06	0.0000e+00
1448	0.0000e+00	0.0000e+00	-1.2656e-03	6.0325e-06	-2.1951e-06	0.0000e+00
1449	0.0000e+00	0.0000e+00	-1.0354e-03	5.4087e-06	-1.1513e-06	0.0000e+00
1450	0.0000e+00	0.0000e+00	-8.4912e-04	3.8947e-06	-5.0197e-07	0.0000e+00
1451	0.0000e+00	0.0000e+00	-7.3219e-04	1.9604e-06	-1.2781e-07	0.0000e+00
1452	0.0000e+00	0.0000e+00	-6.9547e-04	-1.0515e-07	4.2372e-08	0.0000e+00

1453	0.0000e+00	0.0000e+00	-7.3964e-04	-2.0728e-06	4.4652e-08	0.0000e+00
1454	0.0000e+00	0.0000e+00	-8.5598e-04	-3.6908e-06	-1.0705e-07	0.0000e+00
1455	0.0000e+00	0.0000e+00	-1.0234e-03	-4.5742e-06	-4.4619e-07	0.0000e+00
1456	0.0000e+00	0.0000e+00	-1.2025e-03	-4.2354e-06	-4.3880e-07	0.0000e+00
1457	0.0000e+00	0.0000e+00	-1.2831e-03	3.0049e-06	-5.2475e-06	0.0000e+00
1458	0.0000e+00	0.0000e+00	-1.1301e-03	4.3744e-06	-3.7476e-06	0.0000e+00
1459	0.0000e+00	0.0000e+00	-9.5456e-04	4.2402e-06	-2.3891e-06	0.0000e+00
1460	0.0000e+00	0.0000e+00	-8.0527e-04	3.1480e-06	-1.3981e-06	0.0000e+00
1461	0.0000e+00	0.0000e+00	-7.1078e-04	1.5486e-06	-7.7535e-07	0.0000e+00
1462	0.0000e+00	0.0000e+00	-6.8470e-04	-2.4428e-07	-4.7199e-07	0.0000e+00
1463	0.0000e+00	0.0000e+00	-7.2967e-04	-1.9781e-06	-4.4093e-07	0.0000e+00
1464	0.0000e+00	0.0000e+00	-8.3826e-04	-3.3924e-06	-6.3126e-07	0.0000e+00
1465	0.0000e+00	0.0000e+00	-9.9188e-04	-4.1854e-06	-9.9006e-07	0.0000e+00
1466	0.0000e+00	0.0000e+00	-1.1587e-03	-4.0356e-06	-1.0973e-06	0.0000e+00
1467	0.0000e+00	0.0000e+00	-1.0668e-03	1.8833e-06	-4.6108e-06	0.0000e+00
1468	0.0000e+00	0.0000e+00	-9.6716e-04	2.9217e-06	-3.5870e-06	0.0000e+00
1469	0.0000e+00	0.0000e+00	-8.4595e-04	2.9826e-06	-2.4586e-06	0.0000e+00
1470	0.0000e+00	0.0000e+00	-7.3920e-04	2.2523e-06	-1.5231e-06	0.0000e+00
1471	0.0000e+00	0.0000e+00	-6.7259e-04	1.0235e-06	-8.8851e-07	0.0000e+00
1472	0.0000e+00	0.0000e+00	-6.6046e-04	-4.3457e-07	-5.6669e-07	0.0000e+00
1473	0.0000e+00	0.0000e+00	-7.0712e-04	-1.8839e-06	-5.2966e-07	0.0000e+00
1474	0.0000e+00	0.0000e+00	-8.0753e-04	-3.0902e-06	-7.1873e-07	0.0000e+00
1475	0.0000e+00	0.0000e+00	-9.4710e-04	-3.8067e-06	-1.0598e-06	0.0000e+00
1476	0.0000e+00	0.0000e+00	-1.1003e-03	-3.7552e-06	-1.2574e-06	0.0000e+00
1477	0.0000e+00	0.0000e+00	-8.9873e-04	1.2072e-06	-3.1066e-06	0.0000e+00
1478	0.0000e+00	0.0000e+00	-8.3402e-04	1.9131e-06	-2.4817e-06	0.0000e+00
1479	0.0000e+00	0.0000e+00	-7.5347e-04	1.9903e-06	-1.7179e-06	0.0000e+00
1480	0.0000e+00	0.0000e+00	-6.8209e-04	1.4808e-06	-1.0263e-06	0.0000e+00
1481	0.0000e+00	0.0000e+00	-6.4022e-04	5.5076e-07	-5.3124e-07	0.0000e+00
1482	0.0000e+00	0.0000e+00	-6.4069e-04	-6.0177e-07	-2.8277e-07	0.0000e+00
1483	0.0000e+00	0.0000e+00	-6.8841e-04	-1.7809e-06	-2.7999e-07	0.0000e+00
1484	0.0000e+00	0.0000e+00	-7.8050e-04	-2.7913e-06	-4.8129e-07	0.0000e+00
1485	0.0000e+00	0.0000e+00	-9.0612e-04	-3.4269e-06	-8.1888e-07	0.0000e+00
1486	0.0000e+00	0.0000e+00	-1.0450e-03	-3.4321e-06	-1.0958e-06	0.0000e+00
1487	0.0000e+00	0.0000e+00	-8.0214e-04	8.4167e-07	-1.3659e-06	0.0000e+00
1488	0.0000e+00	0.0000e+00	-7.5720e-04	1.3180e-06	-1.0595e-06	0.0000e+00
1489	0.0000e+00	0.0000e+00	-7.0184e-04	1.3512e-06	-6.4340e-07	0.0000e+00
1490	0.0000e+00	0.0000e+00	-6.5411e-04	9.5192e-07	-2.3578e-07	0.0000e+00
1491	0.0000e+00	0.0000e+00	-6.2944e-04	2.2418e-07	6.3768e-08	0.0000e+00
1492	0.0000e+00	0.0000e+00	-6.3820e-04	-6.9098e-07	1.9546e-07	0.0000e+00
1493	0.0000e+00	0.0000e+00	-6.8485e-04	-1.6435e-06	1.3992e-07	0.0000e+00
1494	0.0000e+00	0.0000e+00	-7.6779e-04	-2.4795e-06	-8.4594e-08	0.0000e+00
1495	0.0000e+00	0.0000e+00	-8.7906e-04	-3.0335e-06	-4.2583e-07	0.0000e+00
1496	0.0000e+00	0.0000e+00	-1.0029e-03	-3.0881e-06	-7.7101e-07	0.0000e+00
1497	0.0000e+00	0.0000e+00	-7.7757e-04	7.3786e-07	1.7807e-07	0.0000e+00
1498	0.0000e+00	0.0000e+00	-7.3989e-04	1.0884e-06	2.0782e-07	0.0000e+00
1499	0.0000e+00	0.0000e+00	-6.9578e-04	1.0563e-06	3.2291e-07	0.0000e+00
1500	0.0000e+00	0.0000e+00	-6.5982e-04	6.8865e-07	4.6990e-07	0.0000e+00
1501	0.0000e+00	0.0000e+00	-6.4383e-04	7.2704e-08	5.7713e-07	0.0000e+00
1502	0.0000e+00	0.0000e+00	-6.5567e-04	-6.8549e-07	5.9079e-07	0.0000e+00
1503	0.0000e+00	0.0000e+00	-6.9875e-04	-1.4719e-06	4.8368e-07	0.0000e+00
1504	0.0000e+00	0.0000e+00	-7.7184e-04	-2.1683e-06	2.5600e-07	0.0000e+00
1505	0.0000e+00	0.0000e+00	-8.6881e-04	-2.6474e-06	-5.9604e-08	0.0000e+00
1506	0.0000e+00	0.0000e+00	-9.7772e-04	-2.7458e-06	-4.2410e-07	0.0000e+00
1507	0.0000e+00	0.0000e+00	-8.0851e-04	7.6757e-07	1.1241e-06	0.0000e+00
1508	0.0000e+00	0.0000e+00	-7.6599e-04	1.0251e-06	8.9358e-07	0.0000e+00
1509	0.0000e+00	0.0000e+00	-7.2123e-04	9.3932e-07	7.6277e-07	0.0000e+00
1510	0.0000e+00	0.0000e+00	-6.8662e-04	5.8518e-07	6.8672e-07	0.0000e+00
1511	0.0000e+00	0.0000e+00	-6.7140e-04	4.2694e-08	6.2090e-07	0.0000e+00
1512	0.0000e+00	0.0000e+00	-6.8151e-04	-6.0265e-07	5.3142e-07	0.0000e+00
1513	0.0000e+00	0.0000e+00	-7.1934e-04	-1.2609e-06	3.9952e-07	0.0000e+00
1514	0.0000e+00	0.0000e+00	-7.8357e-04	-1.8399e-06	2.2420e-07	0.0000e+00
1515	0.0000e+00	0.0000e+00	-8.6912e-04	-2.2496e-06	2.3965e-08	0.0000e+00
1516	0.0000e+00	0.0000e+00	-1.5928e-03	1.4032e-06	-3.4059e-06	0.0000e+00
1517	0.0000e+00	0.0000e+00	-1.5250e-03	1.7737e-06	-2.2231e-06	0.0000e+00
1518	0.0000e+00	0.0000e+00	-1.4736e-03	7.3206e-07	-1.6917e-06	0.0000e+00
1519	0.0000e+00	0.0000e+00	-1.4728e-03	-6.9630e-07	-1.6921e-06	0.0000e+00
1520	0.0000e+00	0.0000e+00	-1.5227e-03	-1.7323e-06	-2.2240e-06	0.0000e+00
1521	0.0000e+00	0.0000e+00	-1.5887e-03	-1.3512e-06	-3.4064e-06	0.0000e+00
1522	0.0000e+00	0.0000e+00	-1.4052e-03	1.2662e-07	-4.9296e-06	0.0000e+00
1523	0.0000e+00	0.0000e+00	-1.3820e-03	8.0080e-07	-4.0472e-06	0.0000e+00
1524	0.0000e+00	0.0000e+00	-1.3557e-03	4.0268e-07	-3.4886e-06	0.0000e+00

1525	0.0000e+00	0.0000e+00	-1.3550e-03	-3.6578e-07	-3.4894e-06	0.0000e+00
1526	0.0000e+00	0.0000e+00	-1.3797e-03	-7.5900e-07	-4.0492e-06	0.0000e+00
1527	0.0000e+00	0.0000e+00	-1.4011e-03	-7.5159e-08	-4.9320e-06	0.0000e+00
1528	0.0000e+00	0.0000e+00	-1.1986e-03	-4.4725e-07	-4.4511e-06	0.0000e+00
1529	0.0000e+00	0.0000e+00	-1.2022e-03	1.3866e-07	-4.0267e-06	0.0000e+00
1530	0.0000e+00	0.0000e+00	-1.1950e-03	1.3740e-07	-3.6920e-06	0.0000e+00
1531	0.0000e+00	0.0000e+00	-1.1942e-03	-9.8308e-08	-3.6933e-06	0.0000e+00
1532	0.0000e+00	0.0000e+00	-1.1998e-03	-9.5381e-08	-4.0304e-06	0.0000e+00
1533	0.0000e+00	0.0000e+00	-1.1943e-03	4.9881e-07	-4.4560e-06	0.0000e+00
1534	0.0000e+00	0.0000e+00	-1.0356e-03	-6.3590e-07	-3.0014e-06	0.0000e+00
1535	0.0000e+00	0.0000e+00	-1.0505e-03	-1.7237e-07	-2.8595e-06	0.0000e+00
1536	0.0000e+00	0.0000e+00	-1.0530e-03	-1.6164e-09	-2.7198e-06	0.0000e+00
1537	0.0000e+00	0.0000e+00	-1.0521e-03	4.4158e-08	-2.7217e-06	0.0000e+00
1538	0.0000e+00	0.0000e+00	-1.0479e-03	2.1822e-07	-2.8647e-06	0.0000e+00
1539	0.0000e+00	0.0000e+00	-1.0310e-03	6.8822e-07	-3.0086e-06	0.0000e+00
1540	0.0000e+00	0.0000e+00	-9.4407e-04	-6.3794e-07	-1.2164e-06	0.0000e+00
1541	0.0000e+00	0.0000e+00	-9.6133e-04	-2.6144e-07	-1.2271e-06	0.0000e+00
1542	0.0000e+00	0.0000e+00	-9.6694e-04	-4.7843e-08	-1.2079e-06	0.0000e+00
1543	0.0000e+00	0.0000e+00	-9.6600e-04	9.4747e-08	-1.2100e-06	0.0000e+00
1544	0.0000e+00	0.0000e+00	-9.5848e-04	3.1067e-07	-1.2331e-06	0.0000e+00
1545	0.0000e+00	0.0000e+00	-9.3917e-04	6.9160e-07	-1.2248e-06	0.0000e+00
1546	0.0000e+00	0.0000e+00	-9.2742e-04	-5.3974e-07	3.9598e-07	0.0000e+00
1547	0.0000e+00	0.0000e+00	-9.4203e-04	-2.1336e-07	2.8408e-07	0.0000e+00
1548	0.0000e+00	0.0000e+00	-9.4670e-04	-3.5367e-08	2.2725e-07	0.0000e+00
1549	0.0000e+00	0.0000e+00	-9.4568e-04	8.6619e-08	2.2549e-07	0.0000e+00
1550	0.0000e+00	0.0000e+00	-9.3894e-04	2.6597e-07	2.7920e-07	0.0000e+00
1551	0.0000e+00	0.0000e+00	-9.2219e-04	5.9474e-07	3.8933e-07	0.0000e+00
1552	0.0000e+00	0.0000e+00	-9.6767e-04	-3.9845e-07	1.3222e-06	0.0000e+00
1553	0.0000e+00	0.0000e+00	-9.7480e-04	-1.2912e-07	1.1036e-06	0.0000e+00
1554	0.0000e+00	0.0000e+00	-9.7581e-04	-8.6116e-09	9.9776e-07	0.0000e+00
1555	0.0000e+00	0.0000e+00	-9.7474e-04	6.2268e-08	9.9748e-07	0.0000e+00
1556	0.0000e+00	0.0000e+00	-9.7158e-04	1.8314e-07	1.1030e-06	0.0000e+00
1557	0.0000e+00	0.0000e+00	-9.6228e-04	4.5279e-07	1.3225e-06	0.0000e+00
1558	0.0000e+00	0.0000e+00	-1.5887e-03	1.3512e-06	-3.4064e-06	0.0000e+00
1559	0.0000e+00	0.0000e+00	-1.5227e-03	1.7324e-06	-2.2240e-06	0.0000e+00
1560	0.0000e+00	0.0000e+00	-1.4728e-03	6.9630e-07	-1.6921e-06	0.0000e+00
1561	0.0000e+00	0.0000e+00	-1.4736e-03	-7.3206e-07	-1.6917e-06	0.0000e+00
1562	0.0000e+00	0.0000e+00	-1.5250e-03	-1.7737e-06	-2.2231e-06	0.0000e+00
1563	0.0000e+00	0.0000e+00	-1.5928e-03	-1.4032e-06	-3.4059e-06	0.0000e+00
1564	0.0000e+00	0.0000e+00	-1.4011e-03	7.5170e-08	-4.9320e-06	0.0000e+00
1565	0.0000e+00	0.0000e+00	-1.3797e-03	7.5901e-07	-4.0492e-06	0.0000e+00
1566	0.0000e+00	0.0000e+00	-1.3550e-03	3.6579e-07	-3.4894e-06	0.0000e+00
1567	0.0000e+00	0.0000e+00	-1.3557e-03	-4.0268e-07	-3.4886e-06	0.0000e+00
1568	0.0000e+00	0.0000e+00	-1.3820e-03	-8.0079e-07	-4.0472e-06	0.0000e+00
1569	0.0000e+00	0.0000e+00	-1.4052e-03	-1.2662e-07	-4.9296e-06	0.0000e+00
1570	0.0000e+00	0.0000e+00	-1.1943e-03	-4.9880e-07	-4.4560e-06	0.0000e+00
1571	0.0000e+00	0.0000e+00	-1.1998e-03	9.5389e-08	-4.0304e-06	0.0000e+00
1572	0.0000e+00	0.0000e+00	-1.1942e-03	9.8315e-08	-3.6933e-06	0.0000e+00
1573	0.0000e+00	0.0000e+00	-1.1950e-03	-1.3740e-07	-3.6920e-06	0.0000e+00
1574	0.0000e+00	0.0000e+00	-1.2022e-03	-1.3865e-07	-4.0267e-06	0.0000e+00
1575	0.0000e+00	0.0000e+00	-1.1986e-03	4.4725e-07	-4.4511e-06	0.0000e+00
1576	0.0000e+00	0.0000e+00	-1.0310e-03	-6.8821e-07	-3.0086e-06	0.0000e+00
1577	0.0000e+00	0.0000e+00	-1.0479e-03	-2.1822e-07	-2.8647e-06	0.0000e+00
1578	0.0000e+00	0.0000e+00	-1.0521e-03	-4.4152e-08	-2.7217e-06	0.0000e+00
1579	0.0000e+00	0.0000e+00	-1.0530e-03	1.6213e-09	-2.7198e-06	0.0000e+00
1580	0.0000e+00	0.0000e+00	-1.0505e-03	1.7238e-07	-2.8595e-06	0.0000e+00
1581	0.0000e+00	0.0000e+00	-1.0356e-03	6.3591e-07	-3.0013e-06	0.0000e+00
1582	0.0000e+00	0.0000e+00	-9.3917e-04	-6.9159e-07	-1.2248e-06	0.0000e+00
1583	0.0000e+00	0.0000e+00	-9.5848e-04	-3.1066e-07	-1.2331e-06	0.0000e+00
1584	0.0000e+00	0.0000e+00	-9.6601e-04	-9.4742e-08	-1.2100e-06	0.0000e+00
1585	0.0000e+00	0.0000e+00	-9.6694e-04	4.7847e-08	-1.2079e-06	0.0000e+00
1586	0.0000e+00	0.0000e+00	-9.6133e-04	2.6144e-07	-1.2271e-06	0.0000e+00
1587	0.0000e+00	0.0000e+00	-9.4407e-04	6.3793e-07	-1.2164e-06	0.0000e+00
1588	0.0000e+00	0.0000e+00	-9.2219e-04	-5.9474e-07	3.8935e-07	0.0000e+00
1589	0.0000e+00	0.0000e+00	-9.3894e-04	-2.6596e-07	2.7922e-07	0.0000e+00
1590	0.0000e+00	0.0000e+00	-9.4568e-04	-8.6617e-08	2.2551e-07	0.0000e+00
1591	0.0000e+00	0.0000e+00	-9.4670e-04	3.5368e-08	2.2728e-07	0.0000e+00
1592	0.0000e+00	0.0000e+00	-9.4203e-04	2.1336e-07	2.8411e-07	0.0000e+00
1593	0.0000e+00	0.0000e+00	-9.2742e-04	5.3973e-07	3.9601e-07	0.0000e+00
1594	0.0000e+00	0.0000e+00	-9.6228e-04	-4.5279e-07	1.3225e-06	0.0000e+00
1595	0.0000e+00	0.0000e+00	-9.7159e-04	-1.8314e-07	1.1031e-06	0.0000e+00
1596	0.0000e+00	0.0000e+00	-9.7475e-04	-6.2268e-08	9.9751e-07	0.0000e+00

1597	0.0000e+00	0.0000e+00	-9.7582e-04	8.6082e-09	9.9780e-07	0.0000e+00
1598	0.0000e+00	0.0000e+00	-9.7480e-04	1.2911e-07	1.1036e-06	0.0000e+00
1599	0.0000e+00	0.0000e+00	-9.6767e-04	3.9844e-07	1.3222e-06	0.0000e+00
1600	0.0000e+00	0.0000e+00	-1.5110e-03	3.4115e-06	-3.4404e-06	0.0000e+00
1601	0.0000e+00	0.0000e+00	-1.3465e-03	3.8571e-06	-1.9319e-06	0.0000e+00
1602	0.0000e+00	0.0000e+00	-1.2052e-03	2.5127e-06	-1.1407e-06	0.0000e+00
1603	0.0000e+00	0.0000e+00	-1.1401e-03	4.4057e-07	-8.5617e-07	0.0000e+00
1604	0.0000e+00	0.0000e+00	-1.1680e-03	-1.7022e-06	-1.0170e-06	0.0000e+00
1605	0.0000e+00	0.0000e+00	-1.2787e-03	-3.2836e-06	-1.6657e-06	0.0000e+00
1606	0.0000e+00	0.0000e+00	-1.4282e-03	-3.3346e-06	-2.9876e-06	0.0000e+00
1607	0.0000e+00	0.0000e+00	-1.5084e-03	6.7986e-12	-4.0867e-06	0.0000e+00
1608	0.0000e+00	0.0000e+00	-1.3219e-03	1.7818e-06	-4.9637e-06	0.0000e+00
1609	0.0000e+00	0.0000e+00	-1.2201e-03	2.5840e-06	-3.5906e-06	0.0000e+00
1610	0.0000e+00	0.0000e+00	-1.1197e-03	1.8540e-06	-2.5899e-06	0.0000e+00
1611	0.0000e+00	0.0000e+00	-1.0701e-03	3.6098e-07	-2.1856e-06	0.0000e+00
1612	0.0000e+00	0.0000e+00	-1.0894e-03	-1.2105e-06	-2.4035e-06	0.0000e+00
1613	0.0000e+00	0.0000e+00	-1.1667e-03	-2.1970e-06	-3.2124e-06	0.0000e+00
1614	0.0000e+00	0.0000e+00	-1.2615e-03	-1.8829e-06	-4.4098e-06	0.0000e+00
1615	0.0000e+00	0.0000e+00	-1.3062e-03	4.1598e-12	-5.0648e-06	0.0000e+00
1616	0.0000e+00	0.0000e+00	-1.1151e-03	8.3054e-07	-4.4459e-06	0.0000e+00
1617	0.0000e+00	0.0000e+00	-1.0601e-03	1.5078e-06	-3.5822e-06	0.0000e+00
1618	0.0000e+00	0.0000e+00	-9.9813e-04	1.1883e-06	-2.8096e-06	0.0000e+00
1619	0.0000e+00	0.0000e+00	-9.6515e-04	2.6589e-07	-2.4600e-06	0.0000e+00
1620	0.0000e+00	0.0000e+00	-9.7607e-04	-7.3426e-07	-2.6251e-06	0.0000e+00
1621	0.0000e+00	0.0000e+00	-1.0229e-03	-1.2946e-06	-3.2270e-06	0.0000e+00
1622	0.0000e+00	0.0000e+00	-1.0770e-03	-1.0297e-06	-3.9720e-06	0.0000e+00
1623	0.0000e+00	0.0000e+00	-1.1013e-03	3.0191e-12	-4.3270e-06	0.0000e+00
1624	0.0000e+00	0.0000e+00	-9.5264e-04	3.2788e-07	-3.0071e-06	0.0000e+00
1625	0.0000e+00	0.0000e+00	-9.2503e-04	8.2516e-07	-2.5455e-06	0.0000e+00
1626	0.0000e+00	0.0000e+00	-8.8929e-04	7.1165e-07	-2.0805e-06	0.0000e+00
1627	0.0000e+00	0.0000e+00	-8.6876e-04	1.8294e-07	-1.8504e-06	0.0000e+00
1628	0.0000e+00	0.0000e+00	-8.7430e-04	-4.1583e-07	-1.9418e-06	0.0000e+00
1629	0.0000e+00	0.0000e+00	-9.0116e-04	-7.3736e-07	-2.2878e-06	0.0000e+00
1630	0.0000e+00	0.0000e+00	-9.3177e-04	-5.7116e-07	-2.6824e-06	0.0000e+00
1631	0.0000e+00	0.0000e+00	-9.4520e-04	2.8093e-12	-2.8580e-06	0.0000e+00
1632	0.0000e+00	0.0000e+00	-8.5991e-04	1.0962e-07	-1.2820e-06	0.0000e+00
1633	0.0000e+00	0.0000e+00	-8.4542e-04	4.7754e-07	-1.1074e-06	0.0000e+00
1634	0.0000e+00	0.0000e+00	-8.2369e-04	4.4557e-07	-9.0103e-07	0.0000e+00
1635	0.0000e+00	0.0000e+00	-8.1036e-04	1.2916e-07	-7.9044e-07	0.0000e+00
1636	0.0000e+00	0.0000e+00	-8.1321e-04	-2.4850e-07	-8.3251e-07	0.0000e+00
1637	0.0000e+00	0.0000e+00	-8.2975e-04	-4.5880e-07	-9.8700e-07	0.0000e+00
1638	0.0000e+00	0.0000e+00	-8.4904e-04	-3.6206e-07	-1.1427e-06	0.0000e+00
1639	0.0000e+00	0.0000e+00	-8.5761e-04	3.2125e-12	-1.2039e-06	0.0000e+00
1640	0.0000e+00	0.0000e+00	-8.3895e-04	1.0595e-07	2.5891e-07	0.0000e+00
1641	0.0000e+00	0.0000e+00	-8.2697e-04	3.9813e-07	2.0503e-07	0.0000e+00
1642	0.0000e+00	0.0000e+00	-8.0951e-04	3.6276e-07	2.0994e-07	0.0000e+00
1643	0.0000e+00	0.0000e+00	-7.9862e-04	1.1584e-07	2.1841e-07	0.0000e+00
1644	0.0000e+00	0.0000e+00	-8.0019e-04	-1.8445e-07	1.9523e-07	0.0000e+00
1645	0.0000e+00	0.0000e+00	-8.1295e-04	-3.7766e-07	1.6027e-07	0.0000e+00
1646	0.0000e+00	0.0000e+00	-8.2920e-04	-3.3507e-07	1.6594e-07	0.0000e+00
1647	0.0000e+00	0.0000e+00	-8.3709e-04	4.1017e-12	1.9837e-07	0.0000e+00
1648	0.0000e+00	0.0000e+00	-8.7231e-04	1.8762e-07	1.1492e-06	0.0000e+00
1649	0.0000e+00	0.0000e+00	-8.5312e-04	4.1338e-07	8.8852e-07	0.0000e+00
1650	0.0000e+00	0.0000e+00	-8.3228e-04	3.5417e-07	7.3911e-07	0.0000e+00
1651	0.0000e+00	0.0000e+00	-8.1983e-04	1.2827e-07	6.6323e-07	0.0000e+00
1652	0.0000e+00	0.0000e+00	-8.2043e-04	-1.4168e-07	6.4005e-07	0.0000e+00
1653	0.0000e+00	0.0000e+00	-8.3329e-04	-3.3223e-07	6.7073e-07	0.0000e+00
1654	0.0000e+00	0.0000e+00	-8.5217e-04	-3.2271e-07	7.7179e-07	0.0000e+00
1655	0.0000e+00	0.0000e+00	-1.4282e-03	3.3346e-06	-2.9876e-06	0.0000e+00
1656	0.0000e+00	0.0000e+00	-1.2787e-03	3.2836e-06	-1.6657e-06	0.0000e+00
1657	0.0000e+00	0.0000e+00	-1.1680e-03	1.7022e-06	-1.0170e-06	0.0000e+00
1658	0.0000e+00	0.0000e+00	-1.1401e-03	-4.4057e-07	-8.5617e-07	0.0000e+00
1659	0.0000e+00	0.0000e+00	-1.2052e-03	-2.5127e-06	-1.1407e-06	0.0000e+00
1660	0.0000e+00	0.0000e+00	-1.3465e-03	-3.8571e-06	-1.9319e-06	0.0000e+00
1661	0.0000e+00	0.0000e+00	-1.5110e-03	-3.4115e-06	-3.4404e-06	0.0000e+00
1662	0.0000e+00	0.0000e+00	-1.2615e-03	1.8829e-06	-4.4098e-06	0.0000e+00
1663	0.0000e+00	0.0000e+00	-1.1667e-03	2.1970e-06	-3.2124e-06	0.0000e+00
1664	0.0000e+00	0.0000e+00	-1.0894e-03	1.2105e-06	-2.4035e-06	0.0000e+00
1665	0.0000e+00	0.0000e+00	-1.0701e-03	-3.6098e-07	-2.1856e-06	0.0000e+00
1666	0.0000e+00	0.0000e+00	-1.1197e-03	-1.8540e-06	-2.5899e-06	0.0000e+00
1667	0.0000e+00	0.0000e+00	-1.2201e-03	-2.5840e-06	-3.5906e-06	0.0000e+00
1668	0.0000e+00	0.0000e+00	-1.3219e-03	-1.7818e-06	-4.9637e-06	0.0000e+00

1669	0.0000e+00	0.0000e+00	-1.0770e-03	1.0297e-06	-3.9720e-06	0.0000e+00
1670	0.0000e+00	0.0000e+00	-1.0229e-03	1.2946e-06	-3.2270e-06	0.0000e+00
1671	0.0000e+00	0.0000e+00	-9.7607e-04	7.3426e-07	-2.6251e-06	0.0000e+00
1672	0.0000e+00	0.0000e+00	-9.6515e-04	-2.6589e-07	-2.4600e-06	0.0000e+00
1673	0.0000e+00	0.0000e+00	-9.9813e-04	-1.1883e-06	-2.8096e-06	0.0000e+00
1674	0.0000e+00	0.0000e+00	-1.0601e-03	-1.5078e-06	-3.5822e-06	0.0000e+00
1675	0.0000e+00	0.0000e+00	-1.1151e-03	-8.3053e-07	-4.4459e-06	0.0000e+00
1676	0.0000e+00	0.0000e+00	-9.3177e-04	5.7117e-07	-2.6824e-06	0.0000e+00
1677	0.0000e+00	0.0000e+00	-9.0115e-04	7.3736e-07	-2.2878e-06	0.0000e+00
1678	0.0000e+00	0.0000e+00	-8.7430e-04	4.1583e-07	-1.9418e-06	0.0000e+00
1679	0.0000e+00	0.0000e+00	-8.6876e-04	-1.8294e-07	-1.8504e-06	0.0000e+00
1680	0.0000e+00	0.0000e+00	-8.8929e-04	-7.1165e-07	-2.0805e-06	0.0000e+00
1681	0.0000e+00	0.0000e+00	-9.2503e-04	-8.2516e-07	-2.5455e-06	0.0000e+00
1682	0.0000e+00	0.0000e+00	-9.5264e-04	-3.2788e-07	-3.0071e-06	0.0000e+00
1683	0.0000e+00	0.0000e+00	-8.4904e-04	3.6207e-07	-1.1427e-06	0.0000e+00
1684	0.0000e+00	0.0000e+00	-8.2974e-04	4.5881e-07	-9.8700e-07	0.0000e+00
1685	0.0000e+00	0.0000e+00	-8.1321e-04	2.4850e-07	-8.3251e-07	0.0000e+00
1686	0.0000e+00	0.0000e+00	-8.1036e-04	-1.2916e-07	-7.9044e-07	0.0000e+00
1687	0.0000e+00	0.0000e+00	-8.2369e-04	-4.4557e-07	-9.0103e-07	0.0000e+00
1688	0.0000e+00	0.0000e+00	-8.4541e-04	-4.7754e-07	-1.1074e-06	0.0000e+00
1689	0.0000e+00	0.0000e+00	-8.5991e-04	-1.0962e-07	-1.2820e-06	0.0000e+00
1690	0.0000e+00	0.0000e+00	-8.2920e-04	3.3508e-07	1.6594e-07	0.0000e+00
1691	0.0000e+00	0.0000e+00	-8.1295e-04	3.7766e-07	1.6027e-07	0.0000e+00
1692	0.0000e+00	0.0000e+00	-8.0019e-04	1.8445e-07	1.9523e-07	0.0000e+00
1693	0.0000e+00	0.0000e+00	-7.9862e-04	-1.1584e-07	2.1841e-07	0.0000e+00
1694	0.0000e+00	0.0000e+00	-8.0951e-04	-3.6276e-07	2.0994e-07	0.0000e+00
1695	0.0000e+00	0.0000e+00	-8.2697e-04	-3.9813e-07	2.0503e-07	0.0000e+00
1696	0.0000e+00	0.0000e+00	-8.3895e-04	-1.0594e-07	2.5891e-07	0.0000e+00
1697	0.0000e+00	0.0000e+00	-8.5217e-04	3.2272e-07	7.7179e-07	0.0000e+00
1698	0.0000e+00	0.0000e+00	-8.3328e-04	3.3224e-07	6.7073e-07	0.0000e+00
1699	0.0000e+00	0.0000e+00	-8.2043e-04	1.4168e-07	6.4005e-07	0.0000e+00
1700	0.0000e+00	0.0000e+00	-8.1983e-04	-1.2827e-07	6.6323e-07	0.0000e+00
1701	0.0000e+00	0.0000e+00	-8.3228e-04	-3.5417e-07	7.3911e-07	0.0000e+00
1702	0.0000e+00	0.0000e+00	-8.5312e-04	-4.1338e-07	8.8852e-07	0.0000e+00
1703	0.0000e+00	0.0000e+00	-8.7231e-04	-1.8762e-07	1.1492e-06	0.0000e+00
1704	0.0000e+00	0.0000e+00	-1.3832e-03	3.8710e-06	-8.1211e-07	0.0000e+00
1705	0.0000e+00	0.0000e+00	-1.3325e-03	3.7490e-06	-1.5223e-06	0.0000e+00
1706	0.0000e+00	0.0000e+00	-1.2630e-03	3.5198e-06	-1.6802e-06	0.0000e+00
1707	0.0000e+00	0.0000e+00	-1.1943e-03	3.2373e-06	-1.4883e-06	0.0000e+00
1708	0.0000e+00	0.0000e+00	-1.1379e-03	2.9355e-06	-1.1118e-06	0.0000e+00
1709	0.0000e+00	0.0000e+00	-1.0988e-03	2.6500e-06	-6.9393e-07	0.0000e+00
1710	0.0000e+00	0.0000e+00	-1.3832e-03	-3.8710e-06	-8.1201e-07	0.0000e+00
1711	0.0000e+00	0.0000e+00	-1.3325e-03	-3.7489e-06	-1.5222e-06	0.0000e+00
1712	0.0000e+00	0.0000e+00	-1.2630e-03	-3.5198e-06	-1.6801e-06	0.0000e+00
1713	0.0000e+00	0.0000e+00	-1.1943e-03	-3.2373e-06	-1.4882e-06	0.0000e+00
1714	0.0000e+00	0.0000e+00	-1.1379e-03	-2.9355e-06	-1.1118e-06	0.0000e+00
1715	0.0000e+00	0.0000e+00	-1.0988e-03	-2.6499e-06	-6.9384e-07	0.0000e+00
1716	0.0000e+00	0.0000e+00	-1.2039e-03	-2.4558e-06	-3.3362e-06	0.0000e+00
1717	0.0000e+00	0.0000e+00	-1.0762e-03	-2.6925e-06	-2.5165e-06	0.0000e+00
1718	0.0000e+00	0.0000e+00	-9.8918e-04	-2.9330e-06	-1.4758e-06	0.0000e+00
1719	0.0000e+00	0.0000e+00	-9.4940e-04	-3.1650e-06	-3.5008e-07	0.0000e+00
1720	0.0000e+00	0.0000e+00	-9.5799e-04	-3.3811e-06	7.4478e-07	0.0000e+00
1721	0.0000e+00	0.0000e+00	-1.0110e-03	-3.5796e-06	1.6915e-06	0.0000e+00
1722	0.0000e+00	0.0000e+00	-1.0994e-03	-3.7570e-06	2.3640e-06	0.0000e+00
1723	0.0000e+00	0.0000e+00	-1.2079e-03	-3.9001e-06	2.6181e-06	0.0000e+00
1724	0.0000e+00	0.0000e+00	-1.3144e-03	-3.9666e-06	2.2648e-06	0.0000e+00
1725	0.0000e+00	0.0000e+00	-1.2039e-03	2.4561e-06	-3.3364e-06	0.0000e+00
1726	0.0000e+00	0.0000e+00	-1.0762e-03	2.6928e-06	-2.5168e-06	0.0000e+00
1727	0.0000e+00	0.0000e+00	-9.8923e-04	2.9333e-06	-1.4760e-06	0.0000e+00
1728	0.0000e+00	0.0000e+00	-9.4944e-04	3.1652e-06	-3.5029e-07	0.0000e+00
1729	0.0000e+00	0.0000e+00	-9.5802e-04	3.3813e-06	7.4460e-07	0.0000e+00
1730	0.0000e+00	0.0000e+00	-1.0111e-03	3.5798e-06	1.6914e-06	0.0000e+00
1731	0.0000e+00	0.0000e+00	-1.0994e-03	3.7571e-06	2.3639e-06	0.0000e+00
1732	0.0000e+00	0.0000e+00	-1.2079e-03	3.9002e-06	2.6180e-06	0.0000e+00
1733	0.0000e+00	0.0000e+00	-1.3144e-03	3.9667e-06	2.2647e-06	0.0000e+00
1734	0.0000e+00	0.0000e+00	-8.6728e-04	2.1480e-06	-8.9980e-08	0.0000e+00
1735	0.0000e+00	0.0000e+00	-7.9001e-04	1.7121e-06	8.8382e-08	0.0000e+00
1736	0.0000e+00	0.0000e+00	-7.3328e-04	1.1239e-06	2.5053e-07	0.0000e+00
1737	0.0000e+00	0.0000e+00	-7.0151e-04	4.6498e-07	3.8671e-07	0.0000e+00
1738	0.0000e+00	0.0000e+00	-6.9601e-04	-1.8940e-07	4.9624e-07	0.0000e+00
1739	0.0000e+00	0.0000e+00	-7.1511e-04	-7.6429e-07	5.9265e-07	0.0000e+00
1740	0.0000e+00	0.0000e+00	-7.5407e-04	-1.1832e-06	6.9865e-07	0.0000e+00

1741	0.0000e+00	0.0000e+00	-8.0496e-04	-1.3607e-06	8.3341e-07	0.0000e+00
1742	0.0000e+00	0.0000e+00	-8.5553e-04	-1.1641e-06	9.5360e-07	0.0000e+00
1743	0.0000e+00	0.0000e+00	-8.6238e-04	9.6919e-07	1.0226e-06	0.0000e+00
1744	0.0000e+00	0.0000e+00	-8.1614e-04	1.1331e-06	9.4286e-07	0.0000e+00
1745	0.0000e+00	0.0000e+00	-7.7134e-04	9.0756e-07	8.8466e-07	0.0000e+00
1746	0.0000e+00	0.0000e+00	-7.4170e-04	4.4229e-07	8.7811e-07	0.0000e+00
1747	0.0000e+00	0.0000e+00	-7.3538e-04	-1.5426e-07	9.0417e-07	0.0000e+00
1748	0.0000e+00	0.0000e+00	-7.5594e-04	-7.8100e-07	9.4914e-07	0.0000e+00
1749	0.0000e+00	0.0000e+00	-8.0243e-04	-1.3350e-06	1.0140e-06	0.0000e+00
1750	0.0000e+00	0.0000e+00	-8.6916e-04	-1.7027e-06	1.1078e-06	0.0000e+00
1751	0.0000e+00	0.0000e+00	-9.4464e-04	-1.7304e-06	1.2004e-06	0.0000e+00
1752	0.0000e+00	0.0000e+00	-1.3358e-03	1.8894e-06	-3.7009e-06	0.0000e+00
1753	0.0000e+00	0.0000e+00	-1.2706e-03	1.3891e-06	-4.1114e-06	0.0000e+00
1754	0.0000e+00	0.0000e+00	-1.2298e-03	6.5202e-07	-4.4756e-06	0.0000e+00
1755	0.0000e+00	0.0000e+00	-1.2207e-03	-1.9828e-07	-4.8415e-06	0.0000e+00
1756	0.0000e+00	0.0000e+00	-1.2457e-03	-1.0488e-06	-5.2296e-06	0.0000e+00
1757	0.0000e+00	0.0000e+00	-1.3024e-03	-1.7890e-06	-5.6459e-06	0.0000e+00
1758	0.0000e+00	0.0000e+00	-1.3841e-03	-2.2996e-06	-6.0819e-06	0.0000e+00
1759	0.0000e+00	0.0000e+00	-1.4787e-03	-2.4350e-06	-6.4943e-06	0.0000e+00
1760	0.0000e+00	0.0000e+00	-1.5665e-03	-1.9752e-06	-6.7249e-06	0.0000e+00
1761	0.0000e+00	0.0000e+00	-1.5986e-03	1.1485e-06	-7.0409e-06	0.0000e+00
1762	0.0000e+00	0.0000e+00	-1.5400e-03	1.5313e-06	-7.0623e-06	0.0000e+00
1763	0.0000e+00	0.0000e+00	-1.4786e-03	1.2654e-06	-6.9511e-06	0.0000e+00
1764	0.0000e+00	0.0000e+00	-1.4374e-03	6.1253e-07	-6.8778e-06	0.0000e+00
1765	0.0000e+00	0.0000e+00	-1.4293e-03	-2.4346e-07	-6.8919e-06	0.0000e+00
1766	0.0000e+00	0.0000e+00	-1.4597e-03	-1.1425e-06	-7.0048e-06	0.0000e+00
1767	0.0000e+00	0.0000e+00	-1.5271e-03	-1.9237e-06	-7.2057e-06	0.0000e+00
1768	0.0000e+00	0.0000e+00	-1.6221e-03	-2.4020e-06	-7.4466e-06	0.0000e+00
1769	0.0000e+00	0.0000e+00	-1.7255e-03	-2.3185e-06	-7.5685e-06	0.0000e+00
1770	0.0000e+00	0.0000e+00	-1.7184e-03	2.3285e-06	-7.6201e-06	0.0000e+00
1771	0.0000e+00	0.0000e+00	-1.6153e-03	2.3817e-06	-7.5255e-06	0.0000e+00
1772	0.0000e+00	0.0000e+00	-1.5222e-03	1.8585e-06	-7.3206e-06	0.0000e+00
1773	0.0000e+00	0.0000e+00	-1.4590e-03	1.0141e-06	-7.1658e-06	0.0000e+00
1774	0.0000e+00	0.0000e+00	-1.4361e-03	2.9813e-08	-7.1107e-06	0.0000e+00
1775	0.0000e+00	0.0000e+00	-1.4560e-03	-9.3745e-07	-7.1675e-06	0.0000e+00
1776	0.0000e+00	0.0000e+00	-1.5147e-03	-1.7308e-06	-7.3258e-06	0.0000e+00
1777	0.0000e+00	0.0000e+00	-1.6003e-03	-2.1684e-06	-7.5367e-06	0.0000e+00
1778	0.0000e+00	0.0000e+00	-1.6913e-03	-1.9897e-06	-7.6318e-06	0.0000e+00
1779	0.0000e+00	0.0000e+00	-9.3521e-04	1.7755e-06	1.2141e-06	0.0000e+00
1780	0.0000e+00	0.0000e+00	-8.5799e-04	1.7370e-06	1.1315e-06	0.0000e+00
1781	0.0000e+00	0.0000e+00	-7.9016e-04	1.3503e-06	1.0509e-06	0.0000e+00
1782	0.0000e+00	0.0000e+00	-7.4365e-04	7.6663e-07	1.0017e-06	0.0000e+00
1783	0.0000e+00	0.0000e+00	-7.2467e-04	9.7104e-08	9.7325e-07	0.0000e+00
1784	0.0000e+00	0.0000e+00	-7.3478e-04	-5.5718e-07	9.6180e-07	0.0000e+00
1785	0.0000e+00	0.0000e+00	-7.7109e-04	-1.0961e-06	9.7728e-07	0.0000e+00
1786	0.0000e+00	0.0000e+00	-8.2615e-04	-1.4109e-06	1.0346e-06	0.0000e+00
1787	0.0000e+00	0.0000e+00	-8.8688e-04	-1.3509e-06	1.1021e-06	0.0000e+00
1788	0.0000e+00	0.0000e+00	-8.8688e-04	1.3509e-06	1.1021e-06	0.0000e+00
1789	0.0000e+00	0.0000e+00	-8.2615e-04	1.4109e-06	1.0346e-06	0.0000e+00
1790	0.0000e+00	0.0000e+00	-7.7109e-04	1.0961e-06	9.7729e-07	0.0000e+00
1791	0.0000e+00	0.0000e+00	-7.3478e-04	5.5717e-07	9.6181e-07	0.0000e+00
1792	0.0000e+00	0.0000e+00	-7.2468e-04	-9.7124e-08	9.7326e-07	0.0000e+00
1793	0.0000e+00	0.0000e+00	-7.4366e-04	-7.6665e-07	1.0017e-06	0.0000e+00
1794	0.0000e+00	0.0000e+00	-7.9017e-04	-1.3503e-06	1.0509e-06	0.0000e+00
1795	0.0000e+00	0.0000e+00	-8.5799e-04	-1.7370e-06	1.1315e-06	0.0000e+00
1796	0.0000e+00	0.0000e+00	-9.3522e-04	-1.7755e-06	1.2141e-06	0.0000e+00
1797	0.0000e+00	0.0000e+00	-1.6913e-03	1.9897e-06	-7.6317e-06	0.0000e+00
1798	0.0000e+00	0.0000e+00	-1.6003e-03	2.1683e-06	-7.5366e-06	0.0000e+00
1799	0.0000e+00	0.0000e+00	-1.5146e-03	1.7307e-06	-7.3258e-06	0.0000e+00
1800	0.0000e+00	0.0000e+00	-1.4560e-03	9.3737e-07	-7.1675e-06	0.0000e+00
1801	0.0000e+00	0.0000e+00	-1.4361e-03	-2.9884e-08	-7.1107e-06	0.0000e+00
1802	0.0000e+00	0.0000e+00	-1.4590e-03	-1.0142e-06	-7.1658e-06	0.0000e+00
1803	0.0000e+00	0.0000e+00	-1.5222e-03	-1.8586e-06	-7.3206e-06	0.0000e+00
1804	0.0000e+00	0.0000e+00	-1.6153e-03	-2.3817e-06	-7.5255e-06	0.0000e+00
1805	0.0000e+00	0.0000e+00	-1.7184e-03	-2.3285e-06	-7.6201e-06	0.0000e+00
1806	0.0000e+00	0.0000e+00	-1.7255e-03	2.3184e-06	-7.5685e-06	0.0000e+00
1807	0.0000e+00	0.0000e+00	-1.6221e-03	2.4019e-06	-7.4465e-06	0.0000e+00
1808	0.0000e+00	0.0000e+00	-1.5271e-03	1.9236e-06	-7.2056e-06	0.0000e+00
1809	0.0000e+00	0.0000e+00	-1.4597e-03	1.1422e-06	-7.0048e-06	0.0000e+00
1810	0.0000e+00	0.0000e+00	-1.4293e-03	2.4325e-07	-6.8919e-06	0.0000e+00
1811	0.0000e+00	0.0000e+00	-1.4374e-03	-6.1273e-07	-6.8778e-06	0.0000e+00
1812	0.0000e+00	0.0000e+00	-1.4786e-03	-1.2656e-06	-6.9511e-06	0.0000e+00

1813	0.0000e+00	0.0000e+00	-1.5400e-03	-1.5314e-06	-7.0624e-06	0.0000e+00
1814	0.0000e+00	0.0000e+00	-1.5986e-03	-1.1486e-06	-7.0409e-06	0.0000e+00
1815	0.0000e+00	0.0000e+00	-1.5665e-03	1.9753e-06	-6.7249e-06	0.0000e+00
1816	0.0000e+00	0.0000e+00	-1.4787e-03	2.4352e-06	-6.4943e-06	0.0000e+00
1817	0.0000e+00	0.0000e+00	-1.3842e-03	2.2999e-06	-6.0819e-06	0.0000e+00
1818	0.0000e+00	0.0000e+00	-1.3024e-03	1.7893e-06	-5.6458e-06	0.0000e+00
1819	0.0000e+00	0.0000e+00	-1.2457e-03	1.0492e-06	-5.2296e-06	0.0000e+00
1820	0.0000e+00	0.0000e+00	-1.2207e-03	1.9865e-07	-4.8415e-06	0.0000e+00
1821	0.0000e+00	0.0000e+00	-1.2298e-03	-6.5163e-07	-4.4755e-06	0.0000e+00
1822	0.0000e+00	0.0000e+00	-1.2705e-03	-1.3887e-06	-4.1113e-06	0.0000e+00
1823	0.0000e+00	0.0000e+00	-1.3358e-03	-1.8890e-06	-3.7007e-06	0.0000e+00
1824	0.0000e+00	0.0000e+00	-9.4465e-04	1.7304e-06	1.2005e-06	0.0000e+00
1825	0.0000e+00	0.0000e+00	-8.6917e-04	1.7026e-06	1.1078e-06	0.0000e+00
1826	0.0000e+00	0.0000e+00	-8.0244e-04	1.3349e-06	1.0141e-06	0.0000e+00
1827	0.0000e+00	0.0000e+00	-7.5595e-04	7.8091e-07	9.4923e-07	0.0000e+00
1828	0.0000e+00	0.0000e+00	-7.3540e-04	1.5416e-07	9.0426e-07	0.0000e+00
1829	0.0000e+00	0.0000e+00	-7.4172e-04	-4.4240e-07	8.7822e-07	0.0000e+00
1830	0.0000e+00	0.0000e+00	-7.7136e-04	-9.0767e-07	8.8478e-07	0.0000e+00
1831	0.0000e+00	0.0000e+00	-8.1618e-04	-1.1332e-06	9.4299e-07	0.0000e+00
1832	0.0000e+00	0.0000e+00	-8.6242e-04	-9.6926e-07	1.0227e-06	0.0000e+00
1833	0.0000e+00	0.0000e+00	-8.5557e-04	1.1641e-06	9.5375e-07	0.0000e+00
1834	0.0000e+00	0.0000e+00	-8.0499e-04	1.3607e-06	8.3355e-07	0.0000e+00
1835	0.0000e+00	0.0000e+00	-7.5411e-04	1.1832e-06	6.9879e-07	0.0000e+00
1836	0.0000e+00	0.0000e+00	-7.1514e-04	7.6434e-07	5.9278e-07	0.0000e+00
1837	0.0000e+00	0.0000e+00	-6.9604e-04	1.8944e-07	4.9636e-07	0.0000e+00
1838	0.0000e+00	0.0000e+00	-7.0154e-04	-4.6495e-07	3.8683e-07	0.0000e+00
1839	0.0000e+00	0.0000e+00	-7.3331e-04	-1.1239e-06	2.5064e-07	0.0000e+00
1840	0.0000e+00	0.0000e+00	-7.9004e-04	-1.7121e-06	8.8483e-08	0.0000e+00
1841	0.0000e+00	0.0000e+00	-8.6731e-04	-2.1480e-06	-8.9885e-08	0.0000e+00
1842	0.0000e+00	0.0000e+00	-1.0233e-03	-9.1157e-08	1.1422e-06	0.0000e+00
1843	0.0000e+00	0.0000e+00	-1.0233e-03	8.9739e-08	1.0417e-06	0.0000e+00
1844	0.0000e+00	0.0000e+00	-1.0202e-03	6.6619e-08	9.6030e-07	0.0000e+00
1845	0.0000e+00	0.0000e+00	-1.0191e-03	-1.3358e-08	9.6060e-07	0.0000e+00
1846	0.0000e+00	0.0000e+00	-1.0201e-03	-3.6709e-08	1.0430e-06	0.0000e+00
1847	0.0000e+00	0.0000e+00	-1.0180e-03	1.4335e-07	1.1455e-06	0.0000e+00
1848	0.0000e+00	0.0000e+00	-1.8342e-03	-2.4699e-07	-7.7568e-06	0.0000e+00
1849	0.0000e+00	0.0000e+00	-1.8378e-03	9.4247e-08	-7.9411e-06	0.0000e+00
1850	0.0000e+00	0.0000e+00	-1.8344e-03	8.4450e-08	-7.9677e-06	0.0000e+00
1851	0.0000e+00	0.0000e+00	-1.8333e-03	-3.3921e-08	-7.9711e-06	0.0000e+00
1852	0.0000e+00	0.0000e+00	-1.8348e-03	-4.6695e-08	-7.9518e-06	0.0000e+00
1853	0.0000e+00	0.0000e+00	-1.8294e-03	2.8812e-07	-7.7770e-06	0.0000e+00
1854	0.0000e+00	0.0000e+00	-1.0180e-03	-1.4335e-07	1.1455e-06	0.0000e+00
1855	0.0000e+00	0.0000e+00	-1.0201e-03	3.6711e-08	1.0430e-06	0.0000e+00
1856	0.0000e+00	0.0000e+00	-1.0191e-03	1.3355e-08	9.6064e-07	0.0000e+00
1857	0.0000e+00	0.0000e+00	-1.0202e-03	-6.6627e-08	9.6034e-07	0.0000e+00
1858	0.0000e+00	0.0000e+00	-1.0233e-03	-8.9752e-08	1.0417e-06	0.0000e+00
1859	0.0000e+00	0.0000e+00	-1.0233e-03	9.1138e-08	1.1423e-06	0.0000e+00
1860	0.0000e+00	0.0000e+00	-1.8294e-03	-2.8799e-07	-7.7770e-06	0.0000e+00
1861	0.0000e+00	0.0000e+00	-1.8348e-03	4.6848e-08	-7.9518e-06	0.0000e+00
1862	0.0000e+00	0.0000e+00	-1.8333e-03	3.4083e-08	-7.9711e-06	0.0000e+00
1863	0.0000e+00	0.0000e+00	-1.8343e-03	-8.4295e-08	-7.9677e-06	0.0000e+00
1864	0.0000e+00	0.0000e+00	-1.8378e-03	-9.4116e-08	-7.9410e-06	0.0000e+00
1865	0.0000e+00	0.0000e+00	-1.8342e-03	2.4708e-07	-7.7568e-06	0.0000e+00
1866	0.0000e+00	0.0000e+00	-1.7538e-03	5.6015e-07	-7.7586e-06	0.0000e+00
1867	0.0000e+00	0.0000e+00	-1.7241e-03	8.1836e-07	-7.8121e-06	0.0000e+00
1868	0.0000e+00	0.0000e+00	-1.6945e-03	5.4138e-07	-7.7393e-06	0.0000e+00
1869	0.0000e+00	0.0000e+00	-1.6825e-03	8.8431e-09	-7.7027e-06	0.0000e+00
1870	0.0000e+00	0.0000e+00	-1.6945e-03	-5.6125e-07	-7.7365e-06	0.0000e+00
1871	0.0000e+00	0.0000e+00	-1.7275e-03	-9.5233e-07	-7.8066e-06	0.0000e+00
1872	0.0000e+00	0.0000e+00	-1.7675e-03	-8.9352e-07	-7.7601e-06	0.0000e+00
1873	0.0000e+00	0.0000e+00	-1.7675e-03	8.9356e-07	-7.7601e-06	0.0000e+00
1874	0.0000e+00	0.0000e+00	-1.7275e-03	9.5237e-07	-7.8066e-06	0.0000e+00
1875	0.0000e+00	0.0000e+00	-1.6945e-03	5.6129e-07	-7.7365e-06	0.0000e+00
1876	0.0000e+00	0.0000e+00	-1.6825e-03	-8.8095e-09	-7.7026e-06	0.0000e+00
1877	0.0000e+00	0.0000e+00	-1.6945e-03	-5.4135e-07	-7.7393e-06	0.0000e+00
1878	0.0000e+00	0.0000e+00	-1.7241e-03	-8.1834e-07	-7.8121e-06	0.0000e+00
1879	0.0000e+00	0.0000e+00	-1.7538e-03	-5.6015e-07	-7.7586e-06	0.0000e+00
1880	0.0000e+00	0.0000e+00	-9.2076e-04	5.8991e-07	9.9794e-07	0.0000e+00
1881	0.0000e+00	0.0000e+00	-8.9203e-04	7.2271e-07	8.3141e-07	0.0000e+00
1882	0.0000e+00	0.0000e+00	-8.6447e-04	5.3979e-07	6.8472e-07	0.0000e+00
1883	0.0000e+00	0.0000e+00	-8.4831e-04	2.0034e-07	5.9997e-07	0.0000e+00
1884	0.0000e+00	0.0000e+00	-8.4776e-04	-1.7513e-07	5.7275e-07	0.0000e+00



1885 0.0000e+00 0.0000e+00 -8.6181e-04 -4.6834e-07 5.9587e-07 0.0000e+00  
1886 0.0000e+00 0.0000e+00 -8.8381e-04 -5.3618e-07 6.3717e-07 0.0000e+00  
1887 0.0000e+00 0.0000e+00 -8.8381e-04 5.3619e-07 6.3717e-07 0.0000e+00  
1888 0.0000e+00 0.0000e+00 -8.6181e-04 4.6834e-07 5.9587e-07 0.0000e+00  
1889 0.0000e+00 0.0000e+00 -8.4776e-04 1.7513e-07 5.7275e-07 0.0000e+00  
1890 0.0000e+00 0.0000e+00 -8.4831e-04 -2.0034e-07 5.9997e-07 0.0000e+00  
1891 0.0000e+00 0.0000e+00 -8.6447e-04 -5.3979e-07 6.8472e-07 0.0000e+00  
1892 0.0000e+00 0.0000e+00 -8.9203e-04 -7.2271e-07 8.3141e-07 0.0000e+00  
1893 0.0000e+00 0.0000e+00 -9.2076e-04 -5.8991e-07 9.9794e-07 0.0000e+00  
2124 2.0178e-03 -8.6317e-08 0.0000e+00 0.0000e+00 0.0000e+00 -4.9213e-11

SPOSTAMENTI NODALI "G2" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	-7.3806e-03	8.2899e-06	-1.7251e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	-7.3074e-03	-7.2612e-07	-2.3027e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	-8.1381e-03	-4.8421e-06	-2.5978e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	-8.1445e-03	4.7238e-06	-2.6247e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	-7.9220e-03	-2.7221e-06	-2.6136e-05	0.0000e+00
6	0.0000e+00	0.0000e+00	-8.1428e-03	1.1136e-08	-2.6568e-05	0.0000e+00
7	0.0000e+00	0.0000e+00	-7.9157e-03	2.7139e-06	-2.6114e-05	0.0000e+00
8	0.0000e+00	0.0000e+00	-8.1461e-03	-4.6939e-06	-2.6243e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	-8.1249e-03	4.8460e-06	-2.5938e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	-7.3190e-03	7.1291e-07	-2.3069e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-7.3730e-03	-8.2323e-06	-1.7242e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	-5.0088e-03	6.2602e-06	3.4292e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	-6.7059e-03	-1.2194e-07	6.5307e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	-6.6484e-03	-4.5356e-06	6.8764e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	-6.6234e-03	4.7541e-06	6.8796e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	-6.6210e-03	-2.1049e-06	6.8629e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-6.4547e-03	-2.8334e-09	6.8488e-06	0.0000e+00
18	0.0000e+00	0.0000e+00	-6.6211e-03	2.0991e-06	6.8618e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	-6.6237e-03	-4.7589e-06	6.8754e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-6.6482e-03	4.5311e-06	6.8737e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	-6.7062e-03	1.1637e-07	6.5280e-06	0.0000e+00
22	0.0000e+00	0.0000e+00	-5.0098e-03	-6.2678e-06	3.4503e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	-5.9357e-03	5.9874e-06	5.0372e-06	0.0000e+00
24	0.0000e+00	0.0000e+00	-6.1851e-03	-7.8374e-07	8.2752e-06	0.0000e+00
25	0.0000e+00	0.0000e+00	-6.8734e-03	-4.1729e-06	1.0614e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-6.8615e-03	4.2088e-06	1.0746e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	-6.5464e-03	-1.6647e-06	9.6079e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	-6.4151e-03	2.3142e-10	5.7094e-06	0.0000e+00
29	0.0000e+00	0.0000e+00	-6.5459e-03	1.6630e-06	9.6046e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	-6.8613e-03	-4.2082e-06	1.0742e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	-6.8727e-03	4.1674e-06	1.0611e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	-6.1907e-03	7.7398e-07	8.2954e-06	0.0000e+00
33	0.0000e+00	0.0000e+00	-5.9455e-03	-6.0104e-06	5.0602e-06	0.0000e+00
67	0.0000e+00	0.0000e+00	-8.0357e-03	7.8084e-06	-1.2238e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	-8.1775e-03	-9.3205e-07	-1.6694e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	-9.1389e-03	-5.4531e-06	-1.9195e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	-9.1578e-03	5.2527e-06	-1.9472e-05	0.0000e+00
71	0.0000e+00	0.0000e+00	-8.9239e-03	-3.0189e-06	-1.9273e-05	0.0000e+00
72	0.0000e+00	0.0000e+00	-9.1720e-03	1.2657e-08	-1.9843e-05	0.0000e+00
73	0.0000e+00	0.0000e+00	-8.9167e-03	3.0107e-06	-1.9251e-05	0.0000e+00
74	0.0000e+00	0.0000e+00	-9.1590e-03	-5.2201e-06	-1.9462e-05	0.0000e+00
75	0.0000e+00	0.0000e+00	-9.1240e-03	5.4566e-06	-1.9159e-05	0.0000e+00
76	0.0000e+00	0.0000e+00	-8.1909e-03	9.1724e-07	-1.6732e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	-8.0282e-03	-7.7513e-06	-1.2252e-05	0.0000e+00
78	0.0000e+00	0.0000e+00	-6.1264e-03	5.9593e-06	3.9705e-06	0.0000e+00
79	0.0000e+00	0.0000e+00	-6.4806e-03	-9.1154e-07	6.2183e-06	0.0000e+00
80	0.0000e+00	0.0000e+00	-7.2766e-03	-4.5805e-06	8.5546e-06	0.0000e+00
81	0.0000e+00	0.0000e+00	-7.2711e-03	4.5607e-06	8.7051e-06	0.0000e+00
82	0.0000e+00	0.0000e+00	-6.8997e-03	-1.5989e-06	7.4399e-06	0.0000e+00
83	0.0000e+00	0.0000e+00	-6.6396e-03	7.0111e-10	4.8493e-06	0.0000e+00
84	0.0000e+00	0.0000e+00	-6.8991e-03	1.5978e-06	7.4371e-06	0.0000e+00
85	0.0000e+00	0.0000e+00	-7.2708e-03	-4.5594e-06	8.7019e-06	0.0000e+00
86	0.0000e+00	0.0000e+00	-7.2758e-03	4.5743e-06	8.5529e-06	0.0000e+00
87	0.0000e+00	0.0000e+00	-6.4871e-03	9.0053e-07	6.2382e-06	0.0000e+00
88	0.0000e+00	0.0000e+00	-6.1372e-03	-5.9819e-06	3.9933e-06	0.0000e+00
89	0.0000e+00	0.0000e+00	-7.6893e-03	6.3305e-06	-1.6790e-05	0.0000e+00
90	0.0000e+00	0.0000e+00	-5.2496e-03	5.1712e-06	3.3883e-06	0.0000e+00
91	0.0000e+00	0.0000e+00	-6.1682e-03	4.8716e-06	5.0538e-06	0.0000e+00

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1848 0.0000e+00 0.0000e+00 -9.2952e-03 -1.8552e-06 -2.2299e-05 0.0000e+00  
1849 0.0000e+00 0.0000e+00 -9.3386e-03 -2.1476e-07 -2.3375e-05 0.0000e+00  
1850 0.0000e+00 0.0000e+00 -9.3424e-03 4.6032e-08 -2.3729e-05 0.0000e+00  
1851 0.0000e+00 0.0000e+00 -9.3443e-03 -1.4362e-07 -2.3767e-05 0.0000e+00  
1852 0.0000e+00 0.0000e+00 -9.3448e-03 9.7740e-08 -2.3489e-05 0.0000e+00  
1853 0.0000e+00 0.0000e+00 -9.3069e-03 1.6999e-06 -2.2496e-05 0.0000e+00  
1854 0.0000e+00 0.0000e+00 -7.3781e-03 -9.8013e-07 8.8673e-06 0.0000e+00  
1855 0.0000e+00 0.0000e+00 -7.3963e-03 4.4721e-08 8.8227e-06 0.0000e+00  
1856 0.0000e+00 0.0000e+00 -7.3935e-03 9.1179e-08 8.6998e-06 0.0000e+00  
1857 0.0000e+00 0.0000e+00 -7.3947e-03 -1.5089e-07 8.6819e-06 0.0000e+00  
1858 0.0000e+00 0.0000e+00 -7.3997e-03 -9.3272e-08 8.7675e-06 0.0000e+00  
1859 0.0000e+00 0.0000e+00 -7.3829e-03 9.5518e-07 8.7697e-06 0.0000e+00  
1860 0.0000e+00 0.0000e+00 -9.3063e-03 -1.6423e-06 -2.2485e-05 0.0000e+00  
1861 0.0000e+00 0.0000e+00 -9.3417e-03 -2.6480e-08 -2.3473e-05 0.0000e+00  
1862 0.0000e+00 0.0000e+00 -9.3382e-03 2.2038e-07 -2.3745e-05 0.0000e+00  
1863 0.0000e+00 0.0000e+00 -9.3332e-03 2.8155e-08 -2.3701e-05 0.0000e+00  
1864 0.0000e+00 0.0000e+00 -9.3267e-03 2.7754e-07 -2.3343e-05 0.0000e+00  
1865 0.0000e+00 0.0000e+00 -9.2813e-03 1.8961e-06 -2.2264e-05 0.0000e+00  
1866 0.0000e+00 0.0000e+00 -8.9677e-03 1.4255e-06 -2.2344e-05 0.0000e+00  
1867 0.0000e+00 0.0000e+00 -8.8809e-03 2.6135e-06 -2.3063e-05 0.0000e+00  
1868 0.0000e+00 0.0000e+00 -8.7877e-03 1.6633e-06 -2.3166e-05 0.0000e+00  
1869 0.0000e+00 0.0000e+00 -8.7587e-03 -3.3562e-07 -2.3195e-05 0.0000e+00  
1870 0.0000e+00 0.0000e+00 -8.8199e-03 -2.4639e-06 -2.3281e-05 0.0000e+00  
1871 0.0000e+00 0.0000e+00 -8.9566e-03 -3.8042e-06 -2.3294e-05 0.0000e+00  
1872 0.0000e+00 0.0000e+00 -9.1100e-03 -3.2841e-06 -2.2719e-05 0.0000e+00  
1873 0.0000e+00 0.0000e+00 -9.1089e-03 3.3116e-06 -2.2716e-05 0.0000e+00  
1874 0.0000e+00 0.0000e+00 -8.9542e-03 3.8321e-06 -2.3287e-05 0.0000e+00  
1875 0.0000e+00 0.0000e+00 -8.8163e-03 2.4914e-06 -2.3270e-05 0.0000e+00  
1876 0.0000e+00 0.0000e+00 -8.7540e-03 3.6149e-07 -2.3180e-05 0.0000e+00  
1877 0.0000e+00 0.0000e+00 -8.7819e-03 -1.6408e-06 -2.3149e-05 0.0000e+00  
1878 0.0000e+00 0.0000e+00 -8.8742e-03 -2.5969e-06 -2.3043e-05 0.0000e+00  
1879 0.0000e+00 0.0000e+00 -8.9605e-03 -1.4183e-06 -2.2323e-05 0.0000e+00  
1880 0.0000e+00 0.0000e+00 -6.8698e-03 2.7507e-06 7.4131e-06 0.0000e+00  
1881 0.0000e+00 0.0000e+00 -6.7308e-03 3.5961e-06 6.9618e-06 0.0000e+00  
1882 0.0000e+00 0.0000e+00 -6.5894e-03 2.8764e-06 6.4323e-06 0.0000e+00  
1883 0.0000e+00 0.0000e+00 -6.4970e-03 1.3498e-06 5.9911e-06 0.0000e+00  
1884 0.0000e+00 0.0000e+00 -6.4754e-03 -3.5931e-07 5.6461e-06 0.0000e+00  
1885 0.0000e+00 0.0000e+00 -6.5193e-03 -1.6451e-06 5.3681e-06 0.0000e+00  
1886 0.0000e+00 0.0000e+00 -6.5962e-03 -1.8611e-06 5.0903e-06 0.0000e+00  
1887 0.0000e+00 0.0000e+00 -6.5962e-03 1.8630e-06 5.0897e-06 0.0000e+00  
1888 0.0000e+00 0.0000e+00 -6.5191e-03 1.6477e-06 5.3672e-06 0.0000e+00  
1889 0.0000e+00 0.0000e+00 -6.4751e-03 3.6220e-07 5.6448e-06 0.0000e+00  
1890 0.0000e+00 0.0000e+00 -6.4966e-03 -1.3469e-06 5.9894e-06 0.0000e+00  
1891 0.0000e+00 0.0000e+00 -6.5888e-03 -2.8738e-06 6.4302e-06 0.0000e+00

1892 0.0000e+00 0.0000e+00 -6.7301e-03 -3.5942e-06 6.9593e-06 0.0000e+00  
1893 0.0000e+00 0.0000e+00 -6.8691e-03 -2.7501e-06 7.4105e-06 0.0000e+00  
2124 4.8133e-03 1.5158e-05 0.0000e+00 0.0000e+00 0.0000e+00 7.2382e-09

SPOSTAMENTI NODALI "G1" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	-4.9894e-02	7.2749e-05	-1.0044e-04	0.0000e+00
2	0.0000e+00	0.0000e+00	-4.0241e-02	2.5831e-07	-1.4788e-04	0.0000e+00
3	0.0000e+00	0.0000e+00	-4.3532e-02	-1.7509e-05	-1.5970e-04	0.0000e+00
4	0.0000e+00	0.0000e+00	-4.3541e-02	1.6799e-05	-1.6033e-04	0.0000e+00
5	0.0000e+00	0.0000e+00	-4.2295e-02	-7.9917e-06	-1.5745e-04	0.0000e+00
6	0.0000e+00	0.0000e+00	-4.2537e-02	4.9224e-09	-1.5617e-04	0.0000e+00
7	0.0000e+00	0.0000e+00	-4.2293e-02	7.9848e-06	-1.5744e-04	0.0000e+00
8	0.0000e+00	0.0000e+00	-4.3544e-02	-1.6784e-05	-1.6034e-04	0.0000e+00
9	0.0000e+00	0.0000e+00	-4.3525e-02	1.7522e-05	-1.5967e-04	0.0000e+00
10	0.0000e+00	0.0000e+00	-4.0239e-02	-2.6181e-07	-1.4787e-04	0.0000e+00
11	0.0000e+00	0.0000e+00	-4.9884e-02	-7.2712e-05	-1.0040e-04	0.0000e+00
12	0.0000e+00	0.0000e+00	-3.6999e-02	9.9770e-05	1.9501e-05	0.0000e+00
13	0.0000e+00	0.0000e+00	-2.8693e-02	3.1057e-07	3.0176e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	-2.9569e-02	-2.0735e-05	3.1007e-05	0.0000e+00
15	0.0000e+00	0.0000e+00	-2.9357e-02	2.1604e-05	3.0976e-05	0.0000e+00
16	0.0000e+00	0.0000e+00	-2.9080e-02	-8.8985e-06	3.0590e-05	0.0000e+00
17	0.0000e+00	0.0000e+00	-2.7544e-02	-2.6411e-09	3.0127e-05	0.0000e+00
18	0.0000e+00	0.0000e+00	-2.9080e-02	8.8925e-06	3.0588e-05	0.0000e+00
19	0.0000e+00	0.0000e+00	-2.9357e-02	-2.1608e-05	3.0975e-05	0.0000e+00
20	0.0000e+00	0.0000e+00	-2.9568e-02	2.0731e-05	3.1004e-05	0.0000e+00
21	0.0000e+00	0.0000e+00	-2.8694e-02	-3.1570e-07	3.0186e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	-3.6998e-02	-9.9775e-05	1.9520e-05	0.0000e+00
23	0.0000e+00	0.0000e+00	-4.4185e-02	6.5368e-05	4.0150e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-3.5185e-02	5.3050e-07	7.7597e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	-3.7906e-02	-1.4848e-05	8.4471e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-3.7909e-02	1.4380e-05	8.5204e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	-3.6608e-02	-5.3484e-06	8.1758e-05	0.0000e+00
28	0.0000e+00	0.0000e+00	-3.6168e-02	2.9983e-09	6.8371e-05	0.0000e+00
29	0.0000e+00	0.0000e+00	-3.6606e-02	5.3439e-06	8.1752e-05	0.0000e+00
30	0.0000e+00	0.0000e+00	-3.7911e-02	-1.4377e-05	8.5211e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	-3.7906e-02	1.4835e-05	8.4480e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	-3.5204e-02	-5.4605e-07	7.7680e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	-4.4202e-02	-6.5397e-05	4.0263e-05	0.0000e+00
67	0.0000e+00	0.0000e+00	-5.4404e-02	7.0660e-05	-1.0055e-04	0.0000e+00
68	0.0000e+00	0.0000e+00	-4.6549e-02	-1.0301e-06	-1.3605e-04	0.0000e+00
69	0.0000e+00	0.0000e+00	-5.0376e-02	-1.9702e-05	-1.4698e-04	0.0000e+00
70	0.0000e+00	0.0000e+00	-5.0418e-02	1.8705e-05	-1.4769e-04	0.0000e+00
71	0.0000e+00	0.0000e+00	-4.9027e-02	-8.7515e-06	-1.4470e-04	0.0000e+00
72	0.0000e+00	0.0000e+00	-4.9266e-02	5.6744e-09	-1.4492e-04	0.0000e+00
73	0.0000e+00	0.0000e+00	-4.9024e-02	8.7446e-06	-1.4469e-04	0.0000e+00
74	0.0000e+00	0.0000e+00	-5.0421e-02	-1.8688e-05	-1.4769e-04	0.0000e+00
75	0.0000e+00	0.0000e+00	-5.0368e-02	1.9716e-05	-1.4695e-04	0.0000e+00
76	0.0000e+00	0.0000e+00	-4.6547e-02	1.0276e-06	-1.3606e-04	0.0000e+00
77	0.0000e+00	0.0000e+00	-5.4392e-02	-7.0602e-05	-1.0049e-04	0.0000e+00
78	0.0000e+00	0.0000e+00	-4.5906e-02	6.0968e-05	3.7460e-05	0.0000e+00
79	0.0000e+00	0.0000e+00	-3.8439e-02	-5.4776e-07	7.0854e-05	0.0000e+00
80	0.0000e+00	0.0000e+00	-4.1478e-02	-1.5602e-05	7.7742e-05	0.0000e+00
81	0.0000e+00	0.0000e+00	-4.1517e-02	1.4857e-05	7.8545e-05	0.0000e+00
82	0.0000e+00	0.0000e+00	-4.0050e-02	-4.8282e-06	7.4874e-05	0.0000e+00
83	0.0000e+00	0.0000e+00	-3.9170e-02	3.8942e-09	6.6028e-05	0.0000e+00
84	0.0000e+00	0.0000e+00	-4.0047e-02	4.8236e-06	7.4869e-05	0.0000e+00
85	0.0000e+00	0.0000e+00	-4.1519e-02	-1.4852e-05	7.8551e-05	0.0000e+00
86	0.0000e+00	0.0000e+00	-4.1478e-02	1.5587e-05	7.7753e-05	0.0000e+00
87	0.0000e+00	0.0000e+00	-3.8462e-02	5.2820e-07	7.0932e-05	0.0000e+00
88	0.0000e+00	0.0000e+00	-4.5928e-02	-6.0997e-05	3.7563e-05	0.0000e+00
89	0.0000e+00	0.0000e+00	-5.3022e-02	6.8057e-05	-9.8494e-05	0.0000e+00
90	0.0000e+00	0.0000e+00	-4.1251e-02	9.2954e-05	1.8352e-05	0.0000e+00
91	0.0000e+00	0.0000e+00	-4.7037e-02	6.2496e-05	3.5881e-05	0.0000e+00
92	0.0000e+00	0.0000e+00	-5.7453e-02	6.5737e-05	-9.7952e-05	0.0000e+00
93	0.0000e+00	0.0000e+00	-4.8632e-02	5.9612e-05	3.4434e-05	0.0000e+00
94	0.0000e+00	0.0000e+00	-4.8655e-02	-5.9633e-05	3.4538e-05	0.0000e+00
95	0.0000e+00	0.0000e+00	-5.3010e-02	-6.8018e-05	-9.8442e-05	0.0000e+00
96	0.0000e+00	0.0000e+00	-4.1250e-02	-9.2957e-05	1.8373e-05	0.0000e+00
97	0.0000e+00	0.0000e+00	-4.7056e-02	-6.2517e-05	3.5990e-05	0.0000e+00
98	0.0000e+00	0.0000e+00	-5.7438e-02	-6.5696e-05	-9.7890e-05	0.0000e+00

99	0.0000e+00	0.0000e+00	-4.5505e-02	7.7329e-05	-9.4404e-05	0.0000e+00
100	0.0000e+00	0.0000e+00	-4.2366e-02	7.8064e-05	-1.0222e-04	0.0000e+00
101	0.0000e+00	0.0000e+00	-4.6921e-02	7.0019e-05	-1.0508e-04	0.0000e+00
102	0.0000e+00	0.0000e+00	-3.9417e-02	6.8797e-05	-1.0783e-04	0.0000e+00
103	0.0000e+00	0.0000e+00	-4.4202e-02	6.1426e-05	-1.0945e-04	0.0000e+00
104	0.0000e+00	0.0000e+00	-3.6944e-02	5.4648e-05	-1.1301e-04	0.0000e+00
105	0.0000e+00	0.0000e+00	-4.1944e-02	4.8658e-05	-1.1400e-04	0.0000e+00
106	0.0000e+00	0.0000e+00	-3.5081e-02	3.8563e-05	-1.1743e-04	0.0000e+00
107	0.0000e+00	0.0000e+00	-4.0276e-02	3.3706e-05	-1.1852e-04	0.0000e+00
108	0.0000e+00	0.0000e+00	-3.3861e-02	2.2607e-05	-1.2148e-04	0.0000e+00
109	0.0000e+00	0.0000e+00	-3.9244e-02	1.8493e-05	-1.2306e-04	0.0000e+00
110	0.0000e+00	0.0000e+00	-3.3244e-02	8.5345e-06	-1.2561e-04	0.0000e+00
111	0.0000e+00	0.0000e+00	-3.8820e-02	4.8188e-06	-1.2774e-04	0.0000e+00
112	0.0000e+00	0.0000e+00	-3.3122e-02	-2.0922e-06	-1.3016e-04	0.0000e+00
113	0.0000e+00	0.0000e+00	-3.8907e-02	-5.5958e-06	-1.3265e-04	0.0000e+00
114	0.0000e+00	0.0000e+00	-3.3330e-02	-7.8262e-06	-1.3522e-04	0.0000e+00
115	0.0000e+00	0.0000e+00	-3.9341e-02	-1.1034e-05	-1.3781e-04	0.0000e+00
116	0.0000e+00	0.0000e+00	-3.3641e-02	-7.2327e-06	-1.4046e-04	0.0000e+00
117	0.0000e+00	0.0000e+00	-3.9889e-02	-9.6964e-06	-1.4308e-04	0.0000e+00
118	0.0000e+00	0.0000e+00	-3.3776e-02	1.1489e-06	-1.4364e-04	0.0000e+00
119	0.0000e+00	0.0000e+00	-4.1565e-02	8.2031e-05	-8.1522e-05	0.0000e+00
120	0.0000e+00	0.0000e+00	-3.8209e-02	8.4007e-05	-8.7967e-05	0.0000e+00
121	0.0000e+00	0.0000e+00	-3.5022e-02	7.4432e-05	-9.2696e-05	0.0000e+00
122	0.0000e+00	0.0000e+00	-3.2338e-02	5.9494e-05	-9.7157e-05	0.0000e+00
123	0.0000e+00	0.0000e+00	-3.0294e-02	4.2766e-05	-1.0089e-04	0.0000e+00
124	0.0000e+00	0.0000e+00	-2.8913e-02	2.6622e-05	-1.0414e-04	0.0000e+00
125	0.0000e+00	0.0000e+00	-2.8135e-02	1.2813e-05	-1.0725e-04	0.0000e+00
126	0.0000e+00	0.0000e+00	-2.7840e-02	2.7114e-06	-1.1056e-04	0.0000e+00
127	0.0000e+00	0.0000e+00	-2.7857e-02	-2.6411e-06	-1.1412e-04	0.0000e+00
128	0.0000e+00	0.0000e+00	-2.7984e-02	-2.7334e-06	-1.1748e-04	0.0000e+00
129	0.0000e+00	0.0000e+00	-2.8018e-02	1.5777e-06	-1.1915e-04	0.0000e+00
130	0.0000e+00	0.0000e+00	-3.8331e-02	8.6277e-05	-6.3980e-05	0.0000e+00
131	0.0000e+00	0.0000e+00	-3.4798e-02	8.8631e-05	-6.8398e-05	0.0000e+00
132	0.0000e+00	0.0000e+00	-3.1429e-02	7.8868e-05	-7.1742e-05	0.0000e+00
133	0.0000e+00	0.0000e+00	-2.8580e-02	6.3297e-05	-7.4851e-05	0.0000e+00
134	0.0000e+00	0.0000e+00	-2.6399e-02	4.5883e-05	-7.7345e-05	0.0000e+00
135	0.0000e+00	0.0000e+00	-2.4904e-02	2.9294e-05	-7.9253e-05	0.0000e+00
136	0.0000e+00	0.0000e+00	-2.4023e-02	1.5379e-05	-8.0777e-05	0.0000e+00
137	0.0000e+00	0.0000e+00	-2.3624e-02	5.4036e-06	-8.2174e-05	0.0000e+00
138	0.0000e+00	0.0000e+00	-2.3533e-02	5.6352e-08	-8.3570e-05	0.0000e+00
139	0.0000e+00	0.0000e+00	-2.3562e-02	-7.6041e-07	-8.4777e-05	0.0000e+00
140	0.0000e+00	0.0000e+00	-2.3551e-02	1.7217e-06	-8.5292e-05	0.0000e+00
141	0.0000e+00	0.0000e+00	-3.5953e-02	8.9804e-05	-4.4118e-05	0.0000e+00
142	0.0000e+00	0.0000e+00	-3.2287e-02	9.1781e-05	-4.6838e-05	0.0000e+00
143	0.0000e+00	0.0000e+00	-2.8795e-02	8.1757e-05	-4.9067e-05	0.0000e+00
144	0.0000e+00	0.0000e+00	-2.5841e-02	6.5623e-05	-5.0883e-05	0.0000e+00
145	0.0000e+00	0.0000e+00	-2.3581e-02	4.7461e-05	-5.1998e-05	0.0000e+00
146	0.0000e+00	0.0000e+00	-2.2037e-02	3.0177e-05	-5.2290e-05	0.0000e+00
147	0.0000e+00	0.0000e+00	-2.1132e-02	1.5799e-05	-5.1845e-05	0.0000e+00
148	0.0000e+00	0.0000e+00	-2.0721e-02	5.6444e-06	-5.0931e-05	0.0000e+00
149	0.0000e+00	0.0000e+00	-2.0621e-02	2.8809e-07	-4.9906e-05	0.0000e+00
150	0.0000e+00	0.0000e+00	-2.0642e-02	-6.0523e-07	-4.9091e-05	0.0000e+00
151	0.0000e+00	0.0000e+00	-2.0630e-02	1.6129e-06	-4.8668e-05	0.0000e+00
152	0.0000e+00	0.0000e+00	-3.4481e-02	9.2706e-05	-2.4028e-05	0.0000e+00
153	0.0000e+00	0.0000e+00	-3.0712e-02	9.4029e-05	-2.5550e-05	0.0000e+00
154	0.0000e+00	0.0000e+00	-2.7138e-02	8.3548e-05	-2.7252e-05	0.0000e+00
155	0.0000e+00	0.0000e+00	-2.4124e-02	6.6668e-05	-2.8230e-05	0.0000e+00
156	0.0000e+00	0.0000e+00	-2.1842e-02	4.7466e-05	-2.8208e-05	0.0000e+00
157	0.0000e+00	0.0000e+00	-2.0321e-02	2.9055e-05	-2.6924e-05	0.0000e+00
158	0.0000e+00	0.0000e+00	-1.9480e-02	1.3739e-05	-2.4384e-05	0.0000e+00
159	0.0000e+00	0.0000e+00	-1.9163e-02	3.1065e-06	-2.0926e-05	0.0000e+00
160	0.0000e+00	0.0000e+00	-1.9163e-02	-2.0801e-06	-1.7247e-05	0.0000e+00
161	0.0000e+00	0.0000e+00	-1.9265e-02	-2.1467e-06	-1.4303e-05	0.0000e+00
162	0.0000e+00	0.0000e+00	-1.9290e-02	1.3258e-06	-1.2966e-05	0.0000e+00
163	0.0000e+00	0.0000e+00	-3.3880e-02	9.5182e-05	-5.5391e-06	0.0000e+00
164	0.0000e+00	0.0000e+00	-3.0022e-02	9.6008e-05	-6.3069e-06	0.0000e+00
165	0.0000e+00	0.0000e+00	-2.6379e-02	8.4914e-05	-8.0974e-06	0.0000e+00
166	0.0000e+00	0.0000e+00	-2.3329e-02	6.6946e-05	-8.8436e-06	0.0000e+00
167	0.0000e+00	0.0000e+00	-2.1065e-02	4.6201e-05	-8.1605e-06	0.0000e+00
168	0.0000e+00	0.0000e+00	-1.9628e-02	2.6027e-05	-5.6231e-06	0.0000e+00
169	0.0000e+00	0.0000e+00	-1.8941e-02	9.1046e-06	-1.1328e-06	0.0000e+00
170	0.0000e+00	0.0000e+00	-1.8830e-02	-2.4726e-06	4.9560e-06	0.0000e+00

171 0.0000e+00 0.0000e+00 -1.9053e-02 -7.3694e-06 1.1621e-05 0.0000e+00  
172 0.0000e+00 0.0000e+00 -1.9334e-02 -5.5769e-06 1.7108e-05 0.0000e+00  
173 0.0000e+00 0.0000e+00 -1.9438e-02 9.3802e-07 1.9516e-05 0.0000e+00  
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188 0.0000e+00 0.0000e+00 -2.3765e-02 6.7627e-05 1.5311e-05 0.0000e+00  
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1182	0.0000e+00	0.0000e+00	-2.8352e-02	-1.7334e-05	3.1441e-06	0.0000e+00
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1190	0.0000e+00	0.0000e+00	-2.7056e-02	-2.6800e-05	3.8179e-05	0.0000e+00
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1192	0.0000e+00	0.0000e+00	-2.9096e-02	-1.5891e-05	3.1286e-05	0.0000e+00
1193	0.0000e+00	0.0000e+00	-2.8761e-02	9.7895e-06	5.3593e-05	0.0000e+00
1194	0.0000e+00	0.0000e+00	-2.8216e-02	1.3959e-05	5.5390e-05	0.0000e+00
1195	0.0000e+00	0.0000e+00	-2.7616e-02	1.2340e-05	5.8348e-05	0.0000e+00
1196	0.0000e+00	0.0000e+00	-2.7199e-02	5.9551e-06	6.1252e-05	0.0000e+00
1197	0.0000e+00	0.0000e+00	-2.7133e-02	-3.1958e-06	6.3136e-05	0.0000e+00
1198	0.0000e+00	0.0000e+00	-2.7487e-02	-1.2779e-05	6.3595e-05	0.0000e+00
1199	0.0000e+00	0.0000e+00	-2.8230e-02	-2.0424e-05	6.2813e-05	0.0000e+00
1200	0.0000e+00	0.0000e+00	-2.9227e-02	-2.3977e-05	6.1502e-05	0.0000e+00
1201	0.0000e+00	0.0000e+00	-3.0262e-02	-2.2030e-05	6.0605e-05	0.0000e+00
1202	0.0000e+00	0.0000e+00	-3.1091e-02	-1.5013e-05	6.0148e-05	0.0000e+00
1203	0.0000e+00	0.0000e+00	-3.1544e-02	1.0158e-05	7.3097e-05	0.0000e+00
1204	0.0000e+00	0.0000e+00	-3.1029e-02	1.2847e-05	7.2779e-05	0.0000e+00
1205	0.0000e+00	0.0000e+00	-3.0509e-02	1.0368e-05	7.3762e-05	0.0000e+00
1206	0.0000e+00	0.0000e+00	-3.0184e-02	4.0878e-06	7.5269e-05	0.0000e+00
1207	0.0000e+00	0.0000e+00	-3.0187e-02	-4.3470e-06	7.6623e-05	0.0000e+00
1208	0.0000e+00	0.0000e+00	-3.0572e-02	-1.3114e-05	7.7512e-05	0.0000e+00
1209	0.0000e+00	0.0000e+00	-3.1313e-02	-2.0342e-05	7.8059e-05	0.0000e+00
1210	0.0000e+00	0.0000e+00	-3.2302e-02	-2.4219e-05	7.8745e-05	0.0000e+00
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1212	0.0000e+00	0.0000e+00	-3.4200e-02	-1.4930e-05	8.1626e-05	0.0000e+00
1213	0.0000e+00	0.0000e+00	-3.4853e-02	8.9196e-06	7.6836e-05	0.0000e+00
1214	0.0000e+00	0.0000e+00	-3.4317e-02	1.1030e-05	7.6476e-05	0.0000e+00
1215	0.0000e+00	0.0000e+00	-3.3819e-02	8.3365e-06	7.6687e-05	0.0000e+00
1216	0.0000e+00	0.0000e+00	-3.3539e-02	2.3383e-06	7.7325e-05	0.0000e+00
1217	0.0000e+00	0.0000e+00	-3.3590e-02	-5.4527e-06	7.8180e-05	0.0000e+00
1218	0.0000e+00	0.0000e+00	-3.4016e-02	-1.3481e-05	7.9123e-05	0.0000e+00
1219	0.0000e+00	0.0000e+00	-3.4794e-02	-2.0141e-05	8.0161e-05	0.0000e+00
1220	0.0000e+00	0.0000e+00	-3.5829e-02	-2.3768e-05	8.1396e-05	0.0000e+00
1221	0.0000e+00	0.0000e+00	-3.6949e-02	-2.2611e-05	8.2900e-05	0.0000e+00
1222	0.0000e+00	0.0000e+00	-2.9300e-02	2.1138e-05	-1.8397e-05	0.0000e+00
1223	0.0000e+00	0.0000e+00	-2.7582e-02	5.3971e-05	-7.3597e-06	0.0000e+00
1224	0.0000e+00	0.0000e+00	-2.5132e-02	5.5375e-05	6.1172e-06	0.0000e+00
1225	0.0000e+00	0.0000e+00	-2.2979e-02	4.1791e-05	1.3672e-05	0.0000e+00
1226	0.0000e+00	0.0000e+00	-2.1582e-02	2.1495e-05	1.7410e-05	0.0000e+00
1227	0.0000e+00	0.0000e+00	-2.1137e-02	-1.2816e-06	1.8343e-05	0.0000e+00
1228	0.0000e+00	0.0000e+00	-2.1688e-02	-2.3652e-05	1.6773e-05	0.0000e+00
1229	0.0000e+00	0.0000e+00	-2.3153e-02	-4.2658e-05	1.2348e-05	0.0000e+00
1230	0.0000e+00	0.0000e+00	-2.5293e-02	-5.3826e-05	3.9908e-06	0.0000e+00
1231	0.0000e+00	0.0000e+00	-2.7590e-02	-4.8325e-05	-1.0499e-05	0.0000e+00
1232	0.0000e+00	0.0000e+00	-2.8915e-02	-8.5422e-06	-2.2151e-05	0.0000e+00
1233	0.0000e+00	0.0000e+00	-2.8505e-02	1.9648e-05	-1.6270e-05	0.0000e+00
1234	0.0000e+00	0.0000e+00	-2.7175e-02	3.9232e-05	-8.5687e-06	0.0000e+00
1235	0.0000e+00	0.0000e+00	-2.5301e-02	4.3588e-05	4.3556e-06	0.0000e+00
1236	0.0000e+00	0.0000e+00	-2.3548e-02	3.4762e-05	1.4319e-05	0.0000e+00
1237	0.0000e+00	0.0000e+00	-2.2365e-02	1.8454e-05	1.9955e-05	0.0000e+00
1238	0.0000e+00	0.0000e+00	-2.1975e-02	-8.7083e-07	2.1445e-05	0.0000e+00
1239	0.0000e+00	0.0000e+00	-2.2434e-02	-1.9768e-05	1.8953e-05	0.0000e+00
1240	0.0000e+00	0.0000e+00	-2.3648e-02	-3.4724e-05	1.2294e-05	0.0000e+00
1241	0.0000e+00	0.0000e+00	-2.5348e-02	-4.1065e-05	1.3146e-06	0.0000e+00
1242	0.0000e+00	0.0000e+00	-2.7030e-02	-3.2801e-05	-1.2395e-05	0.0000e+00
1243	0.0000e+00	0.0000e+00	-2.7966e-02	-8.1054e-06	-1.9833e-05	0.0000e+00
1244	0.0000e+00	0.0000e+00	-2.8221e-02	1.7866e-05	3.9443e-06	0.0000e+00
1245	0.0000e+00	0.0000e+00	-2.7157e-02	2.9644e-05	8.8814e-06	0.0000e+00
1246	0.0000e+00	0.0000e+00	-2.5739e-02	3.3176e-05	1.7541e-05	0.0000e+00
1247	0.0000e+00	0.0000e+00	-2.4378e-02	2.7372e-05	2.5493e-05	0.0000e+00
1248	0.0000e+00	0.0000e+00	-2.3429e-02	1.5017e-05	3.0460e-05	0.0000e+00
1249	0.0000e+00	0.0000e+00	-2.3102e-02	-3.2036e-07	3.1752e-05	0.0000e+00
1250	0.0000e+00	0.0000e+00	-2.3450e-02	-1.5233e-05	2.9266e-05	0.0000e+00

1251	0.0000e+00	0.0000e+00	-2.4382e-02	-2.6276e-05	2.3156e-05	0.0000e+00
1252	0.0000e+00	0.0000e+00	-2.5648e-02	-2.9792e-05	1.4238e-05	0.0000e+00
1253	0.0000e+00	0.0000e+00	-2.6848e-02	-2.3022e-05	5.0991e-06	0.0000e+00
1254	0.0000e+00	0.0000e+00	-2.7539e-02	-7.5191e-06	6.4723e-07	0.0000e+00
1255	0.0000e+00	0.0000e+00	-2.8999e-02	1.6221e-05	3.2072e-05	0.0000e+00
1256	0.0000e+00	0.0000e+00	-2.8099e-02	2.4085e-05	3.4808e-05	0.0000e+00
1257	0.0000e+00	0.0000e+00	-2.6961e-02	2.6434e-05	3.9426e-05	0.0000e+00
1258	0.0000e+00	0.0000e+00	-2.5871e-02	2.2041e-05	4.4099e-05	0.0000e+00
1259	0.0000e+00	0.0000e+00	-2.5097e-02	1.2436e-05	4.7219e-05	0.0000e+00
1260	0.0000e+00	0.0000e+00	-2.4813e-02	2.9449e-07	4.7915e-05	0.0000e+00
1261	0.0000e+00	0.0000e+00	-2.5065e-02	-1.1458e-05	4.5960e-05	0.0000e+00
1262	0.0000e+00	0.0000e+00	-2.5772e-02	-1.9888e-05	4.1684e-05	0.0000e+00
1263	0.0000e+00	0.0000e+00	-2.6727e-02	-2.2335e-05	3.6110e-05	0.0000e+00
1264	0.0000e+00	0.0000e+00	-2.7629e-02	-1.7431e-05	3.1085e-05	0.0000e+00
1265	0.0000e+00	0.0000e+00	-2.8177e-02	-6.9024e-06	2.8699e-05	0.0000e+00
1266	0.0000e+00	0.0000e+00	-3.1029e-02	1.5108e-05	6.0916e-05	0.0000e+00
1267	0.0000e+00	0.0000e+00	-3.0203e-02	2.1772e-05	6.1636e-05	0.0000e+00
1268	0.0000e+00	0.0000e+00	-2.9188e-02	2.3309e-05	6.2841e-05	0.0000e+00
1269	0.0000e+00	0.0000e+00	-2.8231e-02	1.9293e-05	6.4528e-05	0.0000e+00
1270	0.0000e+00	0.0000e+00	-2.7549e-02	1.1121e-05	6.5766e-05	0.0000e+00
1271	0.0000e+00	0.0000e+00	-2.7281e-02	9.2419e-07	6.5836e-05	0.0000e+00
1272	0.0000e+00	0.0000e+00	-2.7463e-02	-8.9366e-06	6.4520e-05	0.0000e+00
1273	0.0000e+00	0.0000e+00	-2.8028e-02	-1.6113e-05	6.2152e-05	0.0000e+00
1274	0.0000e+00	0.0000e+00	-2.8812e-02	-1.8531e-05	5.9587e-05	0.0000e+00
1275	0.0000e+00	0.0000e+00	-2.9573e-02	-1.4978e-05	5.7909e-05	0.0000e+00
1276	0.0000e+00	0.0000e+00	-3.0054e-02	-6.3489e-06	5.7184e-05	0.0000e+00
1277	0.0000e+00	0.0000e+00	-3.4171e-02	1.4769e-05	8.2385e-05	0.0000e+00
1278	0.0000e+00	0.0000e+00	-3.3338e-02	2.2505e-05	8.1237e-05	0.0000e+00
1279	0.0000e+00	0.0000e+00	-3.2323e-02	2.3193e-05	8.0154e-05	0.0000e+00
1280	0.0000e+00	0.0000e+00	-3.1391e-02	1.8782e-05	7.9885e-05	0.0000e+00
1281	0.0000e+00	0.0000e+00	-3.0732e-02	1.0954e-05	7.9818e-05	0.0000e+00
1282	0.0000e+00	0.0000e+00	-3.0456e-02	1.5209e-06	7.9462e-05	0.0000e+00
1283	0.0000e+00	0.0000e+00	-3.0593e-02	-7.6283e-06	7.8664e-05	0.0000e+00
1284	0.0000e+00	0.0000e+00	-3.1089e-02	-1.4624e-05	7.7675e-05	0.0000e+00
1285	0.0000e+00	0.0000e+00	-3.1809e-02	-1.7724e-05	7.7090e-05	0.0000e+00
1286	0.0000e+00	0.0000e+00	-3.2548e-02	-1.5391e-05	7.7615e-05	0.0000e+00
1287	0.0000e+00	0.0000e+00	-3.3029e-02	-5.9082e-06	7.8466e-05	0.0000e+00
1288	0.0000e+00	0.0000e+00	-3.6981e-02	2.1688e-05	8.3996e-05	0.0000e+00
1289	0.0000e+00	0.0000e+00	-3.5912e-02	2.2330e-05	8.2872e-05	0.0000e+00
1290	0.0000e+00	0.0000e+00	-3.4953e-02	1.8126e-05	8.2044e-05	0.0000e+00
1291	0.0000e+00	0.0000e+00	-3.4276e-02	1.0831e-05	8.1439e-05	0.0000e+00
1292	0.0000e+00	0.0000e+00	-3.3981e-02	2.1279e-06	8.0942e-05	0.0000e+00
1293	0.0000e+00	0.0000e+00	-3.4092e-02	-6.3384e-06	8.0524e-05	0.0000e+00
1294	0.0000e+00	0.0000e+00	-3.4564e-02	-1.2946e-05	8.0279e-05	0.0000e+00
1295	0.0000e+00	0.0000e+00	-3.5278e-02	-1.6079e-05	8.0378e-05	0.0000e+00
1296	0.0000e+00	0.0000e+00	-3.6045e-02	-1.4097e-05	8.0935e-05	0.0000e+00
1297	0.0000e+00	0.0000e+00	-2.8915e-02	8.5395e-06	-2.2154e-05	0.0000e+00
1298	0.0000e+00	0.0000e+00	-2.7590e-02	4.8323e-05	-1.0503e-05	0.0000e+00
1299	0.0000e+00	0.0000e+00	-2.5293e-02	5.3825e-05	3.9884e-06	0.0000e+00
1300	0.0000e+00	0.0000e+00	-2.3153e-02	4.2657e-05	1.2346e-05	0.0000e+00
1301	0.0000e+00	0.0000e+00	-2.1688e-02	2.3651e-05	1.6772e-05	0.0000e+00
1302	0.0000e+00	0.0000e+00	-2.1137e-02	1.2808e-06	1.8343e-05	0.0000e+00
1303	0.0000e+00	0.0000e+00	-2.1582e-02	-2.1496e-05	1.7411e-05	0.0000e+00
1304	0.0000e+00	0.0000e+00	-2.2979e-02	-4.1791e-05	1.3674e-05	0.0000e+00
1305	0.0000e+00	0.0000e+00	-2.5132e-02	-5.5375e-05	6.1193e-06	0.0000e+00
1306	0.0000e+00	0.0000e+00	-2.7582e-02	-5.3971e-05	-7.3571e-06	0.0000e+00
1307	0.0000e+00	0.0000e+00	-2.9300e-02	-2.1138e-05	-1.8395e-05	0.0000e+00
1308	0.0000e+00	0.0000e+00	-2.7966e-02	8.1034e-06	-1.9837e-05	0.0000e+00
1309	0.0000e+00	0.0000e+00	-2.7030e-02	3.2798e-05	-1.2399e-05	0.0000e+00
1310	0.0000e+00	0.0000e+00	-2.5347e-02	4.1063e-05	1.3113e-06	0.0000e+00
1311	0.0000e+00	0.0000e+00	-2.3648e-02	3.4722e-05	1.2292e-05	0.0000e+00
1312	0.0000e+00	0.0000e+00	-2.2434e-02	1.9766e-05	1.8952e-05	0.0000e+00
1313	0.0000e+00	0.0000e+00	-2.1975e-02	8.6896e-07	2.1445e-05	0.0000e+00
1314	0.0000e+00	0.0000e+00	-2.2365e-02	-1.8456e-05	1.9957e-05	0.0000e+00
1315	0.0000e+00	0.0000e+00	-2.3548e-02	-3.4763e-05	1.4322e-05	0.0000e+00
1316	0.0000e+00	0.0000e+00	-2.5301e-02	-4.3589e-05	4.3594e-06	0.0000e+00
1317	0.0000e+00	0.0000e+00	-2.7176e-02	-3.9232e-05	-8.5647e-06	0.0000e+00
1318	0.0000e+00	0.0000e+00	-2.8505e-02	-1.9647e-05	-1.6266e-05	0.0000e+00
1319	0.0000e+00	0.0000e+00	-2.7538e-02	7.5173e-06	6.4177e-07	0.0000e+00
1320	0.0000e+00	0.0000e+00	-2.6847e-02	2.3019e-05	5.0940e-06	0.0000e+00
1321	0.0000e+00	0.0000e+00	-2.5647e-02	2.9789e-05	1.4234e-05	0.0000e+00
1322	0.0000e+00	0.0000e+00	-2.4382e-02	2.6272e-05	2.3154e-05	0.0000e+00

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1382 0.0000e+00 0.0000e+00 -2.8440e-02 -3.4765e-07 -2.4797e-05 0.0000e+00  
1383 0.0000e+00 0.0000e+00 -2.8669e-02 1.8953e-05 -1.7047e-05 0.0000e+00  
1384 0.0000e+00 0.0000e+00 -2.7361e-02 3.8953e-05 -9.4280e-06 0.0000e+00  
1385 0.0000e+00 0.0000e+00 -2.5492e-02 4.3604e-05 3.4485e-06 0.0000e+00  
1386 0.0000e+00 0.0000e+00 -2.3733e-02 3.5002e-05 1.3296e-05 0.0000e+00  
1387 0.0000e+00 0.0000e+00 -2.2533e-02 1.8941e-05 1.8725e-05 0.0000e+00  
1388 0.0000e+00 0.0000e+00 -2.2114e-02 -2.1526e-08 1.9912e-05 0.0000e+00  
1389 0.0000e+00 0.0000e+00 -2.2524e-02 -1.8354e-05 1.7027e-05 0.0000e+00  
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1467	0.0000e+00	0.0000e+00	-2.6523e-02	1.3743e-05	1.4381e-06	0.0000e+00
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1469	0.0000e+00	0.0000e+00	-2.5070e-02	1.5530e-05	1.9265e-05	0.0000e+00
1470	0.0000e+00	0.0000e+00	-2.4693e-02	2.0990e-06	2.6567e-05	0.0000e+00
1471	0.0000e+00	0.0000e+00	-2.4987e-02	-1.7584e-05	3.0953e-05	0.0000e+00
1472	0.0000e+00	0.0000e+00	-2.6144e-02	-4.0601e-05	3.2261e-05	0.0000e+00
1473	0.0000e+00	0.0000e+00	-2.8235e-02	-6.3840e-05	3.0717e-05	0.0000e+00
1474	0.0000e+00	0.0000e+00	-3.1195e-02	-8.3537e-05	2.6914e-05	0.0000e+00
1475	0.0000e+00	0.0000e+00	-3.4790e-02	-9.4870e-05	2.1722e-05	0.0000e+00
1476	0.0000e+00	0.0000e+00	-3.8558e-02	-9.1451e-05	1.7706e-05	0.0000e+00
1477	0.0000e+00	0.0000e+00	-2.7142e-02	8.2524e-06	2.7281e-05	0.0000e+00
1478	0.0000e+00	0.0000e+00	-2.6711e-02	1.1931e-05	3.1895e-05	0.0000e+00
1479	0.0000e+00	0.0000e+00	-2.6285e-02	7.9477e-06	3.7428e-05	0.0000e+00
1480	0.0000e+00	0.0000e+00	-2.6169e-02	-3.2838e-06	4.2126e-05	0.0000e+00
1481	0.0000e+00	0.0000e+00	-2.6618e-02	-1.9991e-05	4.4818e-05	0.0000e+00
1482	0.0000e+00	0.0000e+00	-2.7807e-02	-3.9877e-05	4.4924e-05	0.0000e+00
1483	0.0000e+00	0.0000e+00	-2.9811e-02	-6.0299e-05	4.2356e-05	0.0000e+00
1484	0.0000e+00	0.0000e+00	-3.2586e-02	-7.8007e-05	3.7530e-05	0.0000e+00
1485	0.0000e+00	0.0000e+00	-3.5942e-02	-8.8664e-05	3.1393e-05	0.0000e+00
1486	0.0000e+00	0.0000e+00	-3.9470e-02	-8.5824e-05	2.5418e-05	0.0000e+00
1487	0.0000e+00	0.0000e+00	-2.8910e-02	5.9985e-06	5.3613e-05	0.0000e+00
1488	0.0000e+00	0.0000e+00	-2.8604e-02	8.1189e-06	5.4875e-05	0.0000e+00
1489	0.0000e+00	0.0000e+00	-2.8339e-02	3.9178e-06	5.6981e-05	0.0000e+00
1490	0.0000e+00	0.0000e+00	-2.8364e-02	-6.1274e-06	5.8900e-05	0.0000e+00
1491	0.0000e+00	0.0000e+00	-2.8885e-02	-2.0649e-05	5.9581e-05	0.0000e+00
1492	0.0000e+00	0.0000e+00	-3.0047e-02	-3.7835e-05	5.8260e-05	0.0000e+00
1493	0.0000e+00	0.0000e+00	-3.1914e-02	-5.5554e-05	5.4558e-05	0.0000e+00
1494	0.0000e+00	0.0000e+00	-3.4457e-02	-7.1187e-05	4.8584e-05	0.0000e+00
1495	0.0000e+00	0.0000e+00	-3.7521e-02	-8.1097e-05	4.1260e-05	0.0000e+00
1496	0.0000e+00	0.0000e+00	-4.0764e-02	-7.9278e-05	3.3267e-05	0.0000e+00
1497	0.0000e+00	0.0000e+00	-3.1684e-02	6.8743e-06	7.2709e-05	0.0000e+00
1498	0.0000e+00	0.0000e+00	-3.1376e-02	7.9221e-06	7.1392e-05	0.0000e+00
1499	0.0000e+00	0.0000e+00	-3.1142e-02	3.1396e-06	7.0917e-05	0.0000e+00
1500	0.0000e+00	0.0000e+00	-3.1197e-02	-6.4355e-06	7.0559e-05	0.0000e+00
1501	0.0000e+00	0.0000e+00	-3.1707e-02	-1.9521e-05	6.9486e-05	0.0000e+00
1502	0.0000e+00	0.0000e+00	-3.2784e-02	-3.4585e-05	6.6979e-05	0.0000e+00
1503	0.0000e+00	0.0000e+00	-3.4473e-02	-4.9875e-05	6.2545e-05	0.0000e+00
1504	0.0000e+00	0.0000e+00	-3.6743e-02	-6.3370e-05	5.6015e-05	0.0000e+00
1505	0.0000e+00	0.0000e+00	-3.9470e-02	-7.2383e-05	4.8069e-05	0.0000e+00
1506	0.0000e+00	0.0000e+00	-4.2392e-02	-7.2251e-05	3.8879e-05	0.0000e+00
1507	0.0000e+00	0.0000e+00	-3.4955e-02	6.7523e-06	7.5441e-05	0.0000e+00
1508	0.0000e+00	0.0000e+00	-3.4566e-02	7.4945e-06	7.3330e-05	0.0000e+00
1509	0.0000e+00	0.0000e+00	-3.4275e-02	2.8695e-06	7.1322e-05	0.0000e+00
1510	0.0000e+00	0.0000e+00	-3.4274e-02	-5.8845e-06	6.9165e-05	0.0000e+00
1511	0.0000e+00	0.0000e+00	-3.4702e-02	-1.7466e-05	6.6494e-05	0.0000e+00
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1513	0.0000e+00	0.0000e+00	-3.7141e-02	-4.3365e-05	5.8409e-05	0.0000e+00
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1515	0.0000e+00	0.0000e+00	-4.1554e-02	-6.2319e-05	4.6597e-05	0.0000e+00
1516	0.0000e+00	0.0000e+00	-2.9619e-02	1.1568e-05	-1.0976e-05	0.0000e+00
1517	0.0000e+00	0.0000e+00	-2.9024e-02	1.6096e-05	3.7870e-07	0.0000e+00
1518	0.0000e+00	0.0000e+00	-2.8546e-02	7.1551e-06	5.6110e-06	0.0000e+00
1519	0.0000e+00	0.0000e+00	-2.8514e-02	-5.5331e-06	5.6872e-06	0.0000e+00
1520	0.0000e+00	0.0000e+00	-2.8929e-02	-1.4556e-05	6.2056e-07	0.0000e+00
1521	0.0000e+00	0.0000e+00	-2.9466e-02	-1.0255e-05	-1.0526e-05	0.0000e+00
1522	0.0000e+00	0.0000e+00	-2.9029e-02	-3.6239e-07	-1.3236e-05	0.0000e+00
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1524	0.0000e+00	0.0000e+00	-2.8622e-02	3.9154e-06	4.1488e-07	0.0000e+00
1525	0.0000e+00	0.0000e+00	-2.8594e-02	-2.5148e-06	5.3152e-07	0.0000e+00
1526	0.0000e+00	0.0000e+00	-2.8775e-02	-5.4925e-06	-4.5661e-06	0.0000e+00
1527	0.0000e+00	0.0000e+00	-2.8899e-02	1.4235e-06	-1.2642e-05	0.0000e+00
1528	0.0000e+00	0.0000e+00	-2.8804e-02	-5.8737e-06	4.2975e-06	0.0000e+00
1529	0.0000e+00	0.0000e+00	-2.8887e-02	5.4170e-07	8.3392e-06	0.0000e+00
1530	0.0000e+00	0.0000e+00	-2.8833e-02	1.3291e-06	1.1503e-05	0.0000e+00
1531	0.0000e+00	0.0000e+00	-2.8810e-02	-1.9709e-07	1.1628e-05	0.0000e+00
1532	0.0000e+00	0.0000e+00	-2.8820e-02	4.8768e-07	8.7118e-06	0.0000e+00
1533	0.0000e+00	0.0000e+00	-2.8701e-02	6.6965e-06	4.9034e-06	0.0000e+00
1534	0.0000e+00	0.0000e+00	-2.9565e-02	-7.8442e-06	3.1244e-05	0.0000e+00
1535	0.0000e+00	0.0000e+00	-2.9755e-02	-2.3366e-06	3.2544e-05	0.0000e+00
1536	0.0000e+00	0.0000e+00	-2.9792e-02	-2.4413e-08	3.3783e-05	0.0000e+00
1537	0.0000e+00	0.0000e+00	-2.9775e-02	8.9109e-07	3.3902e-05	0.0000e+00
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1728 0.0000e+00 0.0000e+00 -3.9856e-02 8.4593e-05 -4.0735e-05 0.0000e+00  
1729 0.0000e+00 0.0000e+00 -3.8522e-02 8.7787e-05 -2.0476e-05 0.0000e+00  
1730 0.0000e+00 0.0000e+00 -3.8037e-02 9.0412e-05 -1.7807e-06 0.0000e+00  
1731 0.0000e+00 0.0000e+00 -3.8295e-02 9.2499e-05 1.3661e-05 0.0000e+00  
1732 0.0000e+00 0.0000e+00 -3.9117e-02 9.3942e-05 2.4081e-05 0.0000e+00  
1733 0.0000e+00 0.0000e+00 -4.0239e-02 9.4279e-05 2.7314e-05 0.0000e+00  
1734 0.0000e+00 0.0000e+00 -4.3517e-02 5.7939e-05 4.2198e-05 0.0000e+00  
1735 0.0000e+00 0.0000e+00 -4.1364e-02 4.9629e-05 4.7593e-05 0.0000e+00  
1736 0.0000e+00 0.0000e+00 -3.9602e-02 3.8465e-05 5.2812e-05 0.0000e+00  
1737 0.0000e+00 0.0000e+00 -3.8315e-02 2.5876e-05 5.7399e-05 0.0000e+00  
1738 0.0000e+00 0.0000e+00 -3.7534e-02 1.3207e-05 6.1171e-05 0.0000e+00  
1739 0.0000e+00 0.0000e+00 -3.7235e-02 1.7834e-06 6.4190e-05 0.0000e+00  
1740 0.0000e+00 0.0000e+00 -3.7342e-02 -7.0774e-06 6.6646e-05 0.0000e+00  
1741 0.0000e+00 0.0000e+00 -3.7724e-02 -1.2006e-05 6.8711e-05 0.0000e+00  
1742 0.0000e+00 0.0000e+00 -3.8192e-02 -1.1264e-05 7.0112e-05 0.0000e+00  
1743 0.0000e+00 0.0000e+00 -3.8189e-02 1.1300e-05 7.2109e-05 0.0000e+00  
1744 0.0000e+00 0.0000e+00 -3.7657e-02 1.2857e-05 7.2546e-05 0.0000e+00  
1745 0.0000e+00 0.0000e+00 -3.7172e-02 9.2263e-06 7.2868e-05 0.0000e+00  
1746 0.0000e+00 0.0000e+00 -3.6918e-02 2.3439e-06 7.3424e-05 0.0000e+00  
1747 0.0000e+00 0.0000e+00 -3.7003e-02 -6.2268e-06 7.4170e-05 0.0000e+00  
1748 0.0000e+00 0.0000e+00 -3.7470e-02 -1.4998e-05 7.5032e-05 0.0000e+00  
1749 0.0000e+00 0.0000e+00 -3.8293e-02 -2.2444e-05 7.5982e-05 0.0000e+00  
1750 0.0000e+00 0.0000e+00 -3.9377e-02 -2.6888e-05 7.7000e-05 0.0000e+00  
1751 0.0000e+00 0.0000e+00 -4.0546e-02 -2.6245e-05 7.7770e-05 0.0000e+00  
1752 0.0000e+00 0.0000e+00 -5.1572e-02 6.9235e-05 -1.0204e-04 0.0000e+00  
1753 0.0000e+00 0.0000e+00 -4.9006e-02 5.8799e-05 -1.0482e-04 0.0000e+00  
1754 0.0000e+00 0.0000e+00 -4.6937e-02 4.4647e-05 -1.0877e-04 0.0000e+00

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1756 0.0000e+00 0.0000e+00 -4.4645e-02 1.2591e-05 -1.1786e-04 0.0000e+00  
1757 0.0000e+00 0.0000e+00 -4.4434e-02 -1.9638e-06 -1.2259e-04 0.0000e+00  
1758 0.0000e+00 0.0000e+00 -4.4739e-02 -1.3260e-05 -1.2739e-04 0.0000e+00  
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1760 0.0000e+00 0.0000e+00 -4.6144e-02 -1.7923e-05 -1.3602e-04 0.0000e+00  
1761 0.0000e+00 0.0000e+00 -4.6175e-02 1.6653e-05 -1.3874e-04 0.0000e+00  
1762 0.0000e+00 0.0000e+00 -4.5393e-02 1.8795e-05 -1.3740e-04 0.0000e+00  
1763 0.0000e+00 0.0000e+00 -4.4681e-02 1.3609e-05 -1.3599e-04 0.0000e+00  
1764 0.0000e+00 0.0000e+00 -4.4294e-02 4.0071e-06 -1.3540e-04 0.0000e+00  
1765 0.0000e+00 0.0000e+00 -4.4379e-02 -7.8438e-06 -1.3595e-04 0.0000e+00  
1766 0.0000e+00 0.0000e+00 -4.4989e-02 -1.9934e-05 -1.3770e-04 0.0000e+00  
1767 0.0000e+00 0.0000e+00 -4.6092e-02 -3.0214e-05 -1.4057e-04 0.0000e+00  
1768 0.0000e+00 0.0000e+00 -4.7556e-02 -3.6403e-05 -1.4423e-04 0.0000e+00  
1769 0.0000e+00 0.0000e+00 -4.9137e-02 -3.5426e-05 -1.4783e-04 0.0000e+00  
1770 0.0000e+00 0.0000e+00 -4.9243e-02 3.3543e-05 -1.4902e-04 0.0000e+00  
1771 0.0000e+00 0.0000e+00 -4.7763e-02 3.3732e-05 -1.4600e-04 0.0000e+00  
1772 0.0000e+00 0.0000e+00 -4.6435e-02 2.6670e-05 -1.4298e-04 0.0000e+00  
1773 0.0000e+00 0.0000e+00 -4.5510e-02 1.5426e-05 -1.4084e-04 0.0000e+00  
1774 0.0000e+00 0.0000e+00 -4.5120e-02 2.2994e-06 -1.3988e-04 0.0000e+00  
1775 0.0000e+00 0.0000e+00 -4.5303e-02 -1.0618e-05 -1.4020e-04 0.0000e+00  
1776 0.0000e+00 0.0000e+00 -4.6003e-02 -2.1247e-05 -1.4174e-04 0.0000e+00  
1777 0.0000e+00 0.0000e+00 -4.7071e-02 -2.7318e-05 -1.4419e-04 0.0000e+00  
1778 0.0000e+00 0.0000e+00 -4.8240e-02 -2.5783e-05 -1.4663e-04 0.0000e+00  
1779 0.0000e+00 0.0000e+00 -4.0629e-02 2.4983e-05 7.8891e-05 0.0000e+00  
1780 0.0000e+00 0.0000e+00 -3.9527e-02 2.5083e-05 7.8479e-05 0.0000e+00  
1781 0.0000e+00 0.0000e+00 -3.8536e-02 2.0036e-05 7.7847e-05 0.0000e+00  
1782 0.0000e+00 0.0000e+00 -3.7833e-02 1.1934e-05 7.7298e-05 0.0000e+00  
1783 0.0000e+00 0.0000e+00 -3.7516e-02 2.4768e-06 7.6838e-05 0.0000e+00  
1784 0.0000e+00 0.0000e+00 -3.7610e-02 -6.7652e-06 7.6474e-05 0.0000e+00  
1785 0.0000e+00 0.0000e+00 -3.8072e-02 -1.4236e-05 7.6253e-05 0.0000e+00  
1786 0.0000e+00 0.0000e+00 -3.8786e-02 -1.8280e-05 7.6201e-05 0.0000e+00  
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1791 0.0000e+00 0.0000e+00 -3.7610e-02 6.7513e-06 7.6474e-05 0.0000e+00  
1792 0.0000e+00 0.0000e+00 -3.7517e-02 -2.4905e-06 7.6839e-05 0.0000e+00  
1793 0.0000e+00 0.0000e+00 -3.7834e-02 -1.1947e-05 7.7301e-05 0.0000e+00  
1794 0.0000e+00 0.0000e+00 -3.8537e-02 -2.0047e-05 7.7851e-05 0.0000e+00  
1795 0.0000e+00 0.0000e+00 -3.9529e-02 -2.5090e-05 7.8484e-05 0.0000e+00  
1796 0.0000e+00 0.0000e+00 -4.0631e-02 -2.4986e-05 7.8897e-05 0.0000e+00  
1797 0.0000e+00 0.0000e+00 -4.8237e-02 2.5767e-05 -1.4662e-04 0.0000e+00  
1798 0.0000e+00 0.0000e+00 -4.7069e-02 2.7299e-05 -1.4418e-04 0.0000e+00  
1799 0.0000e+00 0.0000e+00 -4.6002e-02 2.1226e-05 -1.4174e-04 0.0000e+00  
1800 0.0000e+00 0.0000e+00 -4.5303e-02 1.0595e-05 -1.4020e-04 0.0000e+00  
1801 0.0000e+00 0.0000e+00 -4.5121e-02 -2.3211e-06 -1.3988e-04 0.0000e+00  
1802 0.0000e+00 0.0000e+00 -4.5512e-02 -1.5445e-05 -1.4084e-04 0.0000e+00  
1803 0.0000e+00 0.0000e+00 -4.6438e-02 -2.6685e-05 -1.4299e-04 0.0000e+00  
1804 0.0000e+00 0.0000e+00 -4.7766e-02 -3.3740e-05 -1.4600e-04 0.0000e+00  
1805 0.0000e+00 0.0000e+00 -4.9247e-02 -3.3541e-05 -1.4902e-04 0.0000e+00  
1806 0.0000e+00 0.0000e+00 -4.9129e-02 3.5423e-05 -1.4781e-04 0.0000e+00  
1807 0.0000e+00 0.0000e+00 -4.7548e-02 3.6391e-05 -1.4421e-04 0.0000e+00  
1808 0.0000e+00 0.0000e+00 -4.6085e-02 3.0197e-05 -1.4055e-04 0.0000e+00  
1809 0.0000e+00 0.0000e+00 -4.4983e-02 1.9915e-05 -1.3768e-04 0.0000e+00  
1810 0.0000e+00 0.0000e+00 -4.4373e-02 7.8248e-06 -1.3593e-04 0.0000e+00  
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1812 0.0000e+00 0.0000e+00 -4.4677e-02 -1.3624e-05 -1.3598e-04 0.0000e+00  
1813 0.0000e+00 0.0000e+00 -4.5390e-02 -1.8808e-05 -1.3740e-04 0.0000e+00  
1814 0.0000e+00 0.0000e+00 -4.6172e-02 -1.6664e-05 -1.3874e-04 0.0000e+00  
1815 0.0000e+00 0.0000e+00 -4.6141e-02 1.7929e-05 -1.3602e-04 0.0000e+00  
1816 0.0000e+00 0.0000e+00 -4.5391e-02 1.9446e-05 -1.3211e-04 0.0000e+00  
1817 0.0000e+00 0.0000e+00 -4.4735e-02 1.3274e-05 -1.2738e-04 0.0000e+00  
1818 0.0000e+00 0.0000e+00 -4.4430e-02 1.9832e-06 -1.2258e-04 0.0000e+00  
1819 0.0000e+00 0.0000e+00 -4.4641e-02 -1.2566e-05 -1.1784e-04 0.0000e+00  
1820 0.0000e+00 0.0000e+00 -4.5465e-02 -2.8656e-05 -1.1320e-04 0.0000e+00  
1821 0.0000e+00 0.0000e+00 -4.6930e-02 -4.4610e-05 -1.0874e-04 0.0000e+00  
1822 0.0000e+00 0.0000e+00 -4.8998e-02 -5.8757e-05 -1.0478e-04 0.0000e+00  
1823 0.0000e+00 0.0000e+00 -5.1562e-02 -6.9187e-05 -1.0200e-04 0.0000e+00  
1824 0.0000e+00 0.0000e+00 -4.0547e-02 2.6215e-05 7.7785e-05 0.0000e+00  
1825 0.0000e+00 0.0000e+00 -3.9380e-02 2.6846e-05 7.7020e-05 0.0000e+00  
1826 0.0000e+00 0.0000e+00 -3.8297e-02 2.2392e-05 7.6010e-05 0.0000e+00

1827	0.0000e+00	0.0000e+00	-3.7477e-02	1.4938e-05	7.5067e-05	0.0000e+00
1828	0.0000e+00	0.0000e+00	-3.7013e-02	6.1598e-06	7.4214e-05	0.0000e+00
1829	0.0000e+00	0.0000e+00	-3.6931e-02	-2.4145e-06	7.3477e-05	0.0000e+00
1830	0.0000e+00	0.0000e+00	-3.7188e-02	-9.2964e-06	7.2929e-05	0.0000e+00
1831	0.0000e+00	0.0000e+00	-3.7676e-02	-1.2921e-05	7.2614e-05	0.0000e+00
1832	0.0000e+00	0.0000e+00	-3.8210e-02	-1.1349e-05	7.2184e-05	0.0000e+00
1833	0.0000e+00	0.0000e+00	-3.8215e-02	1.1272e-05	7.0194e-05	0.0000e+00
1834	0.0000e+00	0.0000e+00	-3.7747e-02	1.2027e-05	6.8797e-05	0.0000e+00
1835	0.0000e+00	0.0000e+00	-3.7364e-02	7.1033e-06	6.6732e-05	0.0000e+00
1836	0.0000e+00	0.0000e+00	-3.7256e-02	-1.7596e-06	6.4278e-05	0.0000e+00
1837	0.0000e+00	0.0000e+00	-3.7554e-02	-1.3190e-05	6.1260e-05	0.0000e+00
1838	0.0000e+00	0.0000e+00	-3.8335e-02	-2.5870e-05	5.7489e-05	0.0000e+00
1839	0.0000e+00	0.0000e+00	-3.9621e-02	-3.8471e-05	5.2905e-05	0.0000e+00
1840	0.0000e+00	0.0000e+00	-4.1384e-02	-4.9647e-05	4.7689e-05	0.0000e+00
1841	0.0000e+00	0.0000e+00	-4.3538e-02	-5.7968e-05	4.2299e-05	0.0000e+00
1842	0.0000e+00	0.0000e+00	-4.1874e-02	-4.6757e-06	7.8195e-05	0.0000e+00
1843	0.0000e+00	0.0000e+00	-4.1983e-02	-8.4677e-07	7.8297e-05	0.0000e+00
1844	0.0000e+00	0.0000e+00	-4.1999e-02	1.1399e-08	7.8176e-05	0.0000e+00
1845	0.0000e+00	0.0000e+00	-4.2001e-02	-7.1863e-08	7.8281e-05	0.0000e+00
1846	0.0000e+00	0.0000e+00	-4.1989e-02	6.8381e-07	7.8616e-05	0.0000e+00
1847	0.0000e+00	0.0000e+00	-4.1891e-02	4.3002e-06	7.8741e-05	0.0000e+00
1848	0.0000e+00	0.0000e+00	-5.0853e-02	-4.7819e-06	-1.5127e-04	0.0000e+00
1849	0.0000e+00	0.0000e+00	-5.0948e-02	-1.2158e-08	-1.5201e-04	0.0000e+00
1850	0.0000e+00	0.0000e+00	-5.0939e-02	4.5525e-07	-1.5209e-04	0.0000e+00
1851	0.0000e+00	0.0000e+00	-5.0938e-02	-4.4022e-07	-1.5218e-04	0.0000e+00
1852	0.0000e+00	0.0000e+00	-5.0950e-02	-1.2270e-07	-1.5228e-04	0.0000e+00
1853	0.0000e+00	0.0000e+00	-5.0867e-02	4.3359e-06	-1.5175e-04	0.0000e+00
1854	0.0000e+00	0.0000e+00	-4.1893e-02	-4.2889e-06	7.8747e-05	0.0000e+00
1855	0.0000e+00	0.0000e+00	-4.1990e-02	-6.6881e-07	7.8622e-05	0.0000e+00
1856	0.0000e+00	0.0000e+00	-4.2001e-02	8.7313e-08	7.8288e-05	0.0000e+00
1857	0.0000e+00	0.0000e+00	-4.2000e-02	1.4497e-09	7.8182e-05	0.0000e+00
1858	0.0000e+00	0.0000e+00	-4.1983e-02	8.5390e-07	7.8304e-05	0.0000e+00
1859	0.0000e+00	0.0000e+00	-4.1874e-02	4.6737e-06	7.8203e-05	0.0000e+00
1860	0.0000e+00	0.0000e+00	-5.0869e-02	-4.3028e-06	-1.5175e-04	0.0000e+00
1861	0.0000e+00	0.0000e+00	-5.0950e-02	1.6543e-07	-1.5228e-04	0.0000e+00
1862	0.0000e+00	0.0000e+00	-5.0937e-02	4.8772e-07	-1.5217e-04	0.0000e+00
1863	0.0000e+00	0.0000e+00	-5.0935e-02	-4.0747e-07	-1.5208e-04	0.0000e+00
1864	0.0000e+00	0.0000e+00	-5.0943e-02	5.5546e-08	-1.5199e-04	0.0000e+00
1865	0.0000e+00	0.0000e+00	-5.0846e-02	4.8155e-06	-1.5125e-04	0.0000e+00
1866	0.0000e+00	0.0000e+00	-4.9013e-02	8.3259e-06	-1.4802e-04	0.0000e+00
1867	0.0000e+00	0.0000e+00	-4.8582e-02	1.1313e-05	-1.4714e-04	0.0000e+00
1868	0.0000e+00	0.0000e+00	-4.8165e-02	7.7786e-06	-1.4604e-04	0.0000e+00
1869	0.0000e+00	0.0000e+00	-4.7973e-02	1.0072e-06	-1.4553e-04	0.0000e+00
1870	0.0000e+00	0.0000e+00	-4.8089e-02	-6.3299e-06	-1.4581e-04	0.0000e+00
1871	0.0000e+00	0.0000e+00	-4.8481e-02	-1.1593e-05	-1.4672e-04	0.0000e+00
1872	0.0000e+00	0.0000e+00	-4.8991e-02	-1.1649e-05	-1.4761e-04	0.0000e+00
1873	0.0000e+00	0.0000e+00	-4.8990e-02	1.1661e-05	-1.4761e-04	0.0000e+00
1874	0.0000e+00	0.0000e+00	-4.8480e-02	1.1606e-05	-1.4672e-04	0.0000e+00
1875	0.0000e+00	0.0000e+00	-4.8088e-02	6.3430e-06	-1.4581e-04	0.0000e+00
1876	0.0000e+00	0.0000e+00	-4.7971e-02	-9.9517e-07	-1.4553e-04	0.0000e+00
1877	0.0000e+00	0.0000e+00	-4.8162e-02	-7.7686e-06	-1.4603e-04	0.0000e+00
1878	0.0000e+00	0.0000e+00	-4.8579e-02	-1.1307e-05	-1.4713e-04	0.0000e+00
1879	0.0000e+00	0.0000e+00	-4.9010e-02	-8.3246e-06	-1.4801e-04	0.0000e+00
1880	0.0000e+00	0.0000e+00	-3.9975e-02	7.6576e-06	7.4702e-05	0.0000e+00
1881	0.0000e+00	0.0000e+00	-3.9578e-02	1.0457e-05	7.3655e-05	0.0000e+00
1882	0.0000e+00	0.0000e+00	-3.9161e-02	8.6437e-06	7.2338e-05	0.0000e+00
1883	0.0000e+00	0.0000e+00	-3.8876e-02	4.4087e-06	7.1077e-05	0.0000e+00
1884	0.0000e+00	0.0000e+00	-3.8788e-02	-3.8674e-07	6.9821e-05	0.0000e+00
1885	0.0000e+00	0.0000e+00	-3.8883e-02	-3.9385e-06	6.8461e-05	0.0000e+00
1886	0.0000e+00	0.0000e+00	-3.9067e-02	-4.4229e-06	6.6958e-05	0.0000e+00
1887	0.0000e+00	0.0000e+00	-3.9066e-02	4.4312e-06	6.6956e-05	0.0000e+00
1888	0.0000e+00	0.0000e+00	-3.8882e-02	3.9473e-06	6.8459e-05	0.0000e+00
1889	0.0000e+00	0.0000e+00	-3.8787e-02	3.9560e-07	6.9818e-05	0.0000e+00
1890	0.0000e+00	0.0000e+00	-3.8874e-02	-4.4003e-06	7.1072e-05	0.0000e+00
1891	0.0000e+00	0.0000e+00	-3.9159e-02	-8.6366e-06	7.2332e-05	0.0000e+00
1892	0.0000e+00	0.0000e+00	-3.9576e-02	-1.0452e-05	7.3649e-05	0.0000e+00
1893	0.0000e+00	0.0000e+00	-3.9973e-02	-7.6567e-06	7.4697e-05	0.0000e+00
2124	1.5518e-02	1.6321e-05	0.0000e+00	0.0000e+00	0.0000e+00	1.7715e-09

SFORZI "Torcente di piano SLV" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
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674 1703 0.0000e+00 0.0000e+00 0.0000e+00 6.6235e+00 -1.6710e+01 -4.8652e+01  
1893 0.0000e+00 0.0000e+00 0.0000e+00 1.9855e+01 3.2402e+01 -2.9409e+01  
84 0.0000e+00 0.0000e+00 0.0000e+00 -1.8428e+01 3.9212e+01 -1.6214e+01  
29 0.0000e+00 0.0000e+00 0.0000e+00 8.2324e+01 6.1180e+01 -3.5457e+01

675 1702 0.0000e+00 0.0000e+00 0.0000e+00 -2.4042e+00 -6.5657e+00 -3.3772e+01  
1892 0.0000e+00 0.0000e+00 0.0000e+00 4.6122e+00 7.5769e+00 -2.9534e+01  
1893 0.0000e+00 0.0000e+00 0.0000e+00 5.3580e+00 1.1740e+01 -3.2404e+01  
1703 0.0000e+00 0.0000e+00 0.0000e+00 5.0909e+00 3.1787e+01 -3.6642e+01

676 1701 0.0000e+00 0.0000e+00 0.0000e+00 -4.1762e+00 -7.5061e+00 -2.7430e+01  
1891 0.0000e+00 0.0000e+00 0.0000e+00 1.3489e+00 1.8804e+00 -2.7535e+01  
1892 0.0000e+00 0.0000e+00 0.0000e+00 -1.1797e+00 2.5172e+00 -3.1096e+01  
1702 0.0000e+00 0.0000e+00 0.0000e+00 -1.8513e+00 1.9230e+01 -3.0992e+01

677 1700 0.0000e+00 0.0000e+00 0.0000e+00 -4.0047e+00 -1.0258e+01 -2.3125e+01  
1890 0.0000e+00 0.0000e+00 0.0000e+00 5.6542e-01 -2.7460e+00 -2.3914e+01  
1891 0.0000e+00 0.0000e+00 0.0000e+00 -1.7956e+00 -2.4729e+00 -2.7001e+01  
1701 0.0000e+00 0.0000e+00 0.0000e+00 -3.1769e+00 1.1391e+01 -2.6213e+01

678 1699 0.0000e+00 0.0000e+00 0.0000e+00 -3.8882e+00 -1.3718e+01 -1.9907e+01  
1889 0.0000e+00 0.0000e+00 0.0000e+00 3.1815e-01 -6.7875e+00 -2.0616e+01  
1890 0.0000e+00 0.0000e+00 0.0000e+00 -1.9123e+00 -6.4703e+00 -2.3141e+01  
1700 0.0000e+00 0.0000e+00 0.0000e+00 -3.0357e+00 5.6563e+00 -2.2433e+01

679 1698 0.0000e+00 0.0000e+00 0.0000e+00 -4.3588e+00 -1.7965e+01 -1.7264e+01  
1888 0.0000e+00 0.0000e+00 0.0000e+00 1.1889e-01 -1.0762e+01 -1.7707e+01  
1889 0.0000e+00 0.0000e+00 0.0000e+00 -2.0804e+00 -1.0359e+01 -1.9842e+01  
1699 0.0000e+00 0.0000e+00 0.0000e+00 -3.0209e+00 1.2371e+00 -1.9399e+01

680 1697 0.0000e+00 0.0000e+00 0.0000e+00 -5.2690e+00 -2.3711e+01 -1.5319e+01  
1887 0.0000e+00 0.0000e+00 0.0000e+00 -4.1387e-01 -1.3942e+01 -1.5509e+01  
1888 0.0000e+00 0.0000e+00 0.0000e+00 -2.4248e+00 -1.4621e+01 -1.6924e+01  
1698 0.0000e+00 0.0000e+00 0.0000e+00 -3.6284e+00 -1.9426e+00 -1.6733e+01

681 28 0.0000e+00 0.0000e+00 0.0000e+00 -5.1390e+00 -3.3033e+01 -1.8646e+01  
83 0.0000e+00 0.0000e+00 0.0000e+00 4.6652e+00 -3.6524e+00 -2.1593e+01  
1887 0.0000e+00 0.0000e+00 0.0000e+00 -1.1777e+00 -2.0824e+01 -1.6645e+01  
1697 0.0000e+00 0.0000e+00 0.0000e+00 -5.0265e+00 -1.6208e+00 -1.3698e+01

682 1654 0.0000e+00 0.0000e+00 0.0000e+00 5.0270e+00 1.6197e+00 -1.3699e+01  
1886 0.0000e+00 0.0000e+00 0.0000e+00 1.1783e+00 2.0825e+01 -1.6646e+01  
83 0.0000e+00 0.0000e+00 0.0000e+00 -4.6658e+00 3.6540e+00 -2.1593e+01  
28 0.0000e+00 0.0000e+00 0.0000e+00 5.1408e+00 3.3036e+01 -1.8646e+01

683 1653 0.0000e+00 0.0000e+00 0.0000e+00 3.6288e+00 1.9414e+00 -1.6734e+01  
1885 0.0000e+00 0.0000e+00 0.0000e+00 2.4251e+00 1.4621e+01 -1.6924e+01  
1886 0.0000e+00 0.0000e+00 0.0000e+00 4.1391e-01 1.3942e+01 -1.5510e+01  
1654 0.0000e+00 0.0000e+00 0.0000e+00 5.2697e+00 2.3712e+01 -1.5319e+01

684 1652 0.0000e+00 0.0000e+00 0.0000e+00 3.0213e+00 -1.2382e+00 -1.9399e+01  
1884 0.0000e+00 0.0000e+00 0.0000e+00 2.0807e+00 1.0358e+01 -1.9842e+01  
1885 0.0000e+00 0.0000e+00 0.0000e+00 -1.1887e-01 1.0762e+01 -1.7707e+01  
1653 0.0000e+00 0.0000e+00 0.0000e+00 4.3593e+00 1.7966e+01 -1.7264e+01

685 1651 0.0000e+00 0.0000e+00 0.0000e+00 3.0360e+00 -5.6573e+00 -2.2433e+01  
1883 0.0000e+00 0.0000e+00 0.0000e+00 1.9124e+00 6.4696e+00 -2.3141e+01  
1884 0.0000e+00 0.0000e+00 0.0000e+00 -3.1809e-01 6.7868e+00 -2.0616e+01  
1652 0.0000e+00 0.0000e+00 0.0000e+00 3.8886e+00 1.3718e+01 -1.9907e+01

686 1650 0.0000e+00 0.0000e+00 0.0000e+00 3.1773e+00 -1.1392e+01 -2.6213e+01  
1882 0.0000e+00 0.0000e+00 0.0000e+00 1.7957e+00 2.4721e+00 -2.7001e+01  
1883 0.0000e+00 0.0000e+00 0.0000e+00 -5.6530e-01 2.7452e+00 -2.3914e+01  
1651 0.0000e+00 0.0000e+00 0.0000e+00 4.0051e+00 1.0257e+01 -2.3125e+01

687 1649 0.0000e+00 0.0000e+00 0.0000e+00 1.8517e+00 -1.9230e+01 -3.0991e+01  
1881 0.0000e+00 0.0000e+00 0.0000e+00 1.1798e+00 -2.5178e+00 -3.1096e+01  
1882 0.0000e+00 0.0000e+00 0.0000e+00 -1.3487e+00 -1.8811e+00 -2.7535e+01  
1650 0.0000e+00 0.0000e+00 0.0000e+00 4.1765e+00 7.5051e+00 -2.7430e+01

688 1648 0.0000e+00 0.0000e+00 0.0000e+00 -5.0903e+00 -3.1786e+01 -3.6642e+01  
1880 0.0000e+00 0.0000e+00 0.0000e+00 -5.3579e+00 -1.1740e+01 -3.2404e+01  
1881 0.0000e+00 0.0000e+00 0.0000e+00 -4.6119e+00 -7.5772e+00 -2.9534e+01  
1649 0.0000e+00 0.0000e+00 0.0000e+00 2.4046e+00 6.5645e+00 -3.3772e+01

689 27 0.0000e+00 0.0000e+00 0.0000e+00 -8.2322e+01 -6.1178e+01 -3.5457e+01  
82 0.0000e+00 0.0000e+00 0.0000e+00 1.8428e+01 -3.9211e+01 -1.6214e+01  
1880 0.0000e+00 0.0000e+00 0.0000e+00 -1.9855e+01 -3.2401e+01 -2.9408e+01

1648 0.0000e+00 0.0000e+00 0.0000e+00 -6.6231e+00 1.6708e+01 -4.8651e+01

690 1879 0.0000e+00 0.0000e+00 0.0000e+00 -2.0115e+01 -2.8763e+01 -1.9117e+01  
882 0.0000e+00 0.0000e+00 0.0000e+00 -1.0126e+01 1.4900e+01 -4.1536e+01  
7 0.0000e+00 0.0000e+00 0.0000e+00 -7.2174e+01 -5.9559e+01 -3.0475e+01  
73 0.0000e+00 0.0000e+00 0.0000e+00 -1.6603e+00 -3.8649e+01 -8.0561e+00

691 1878 0.0000e+00 0.0000e+00 0.0000e+00 -4.9681e+00 -9.2202e+00 -2.4104e+01  
880 0.0000e+00 0.0000e+00 0.0000e+00 1.3884e+00 5.8039e+00 -2.8843e+01  
882 0.0000e+00 0.0000e+00 0.0000e+00 -7.7839e+00 -3.1607e+01 -3.0517e+01  
1879 0.0000e+00 0.0000e+00 0.0000e+00 -5.0095e+00 -1.3138e+01 -2.5779e+01

692 1877 0.0000e+00 0.0000e+00 0.0000e+00 -1.5086e+00 -2.9813e+00 -2.3093e+01  
878 0.0000e+00 0.0000e+00 0.0000e+00 3.8779e+00 6.7788e+00 -2.3318e+01  
880 0.0000e+00 0.0000e+00 0.0000e+00 1.0116e+00 -1.9517e+01 -2.6142e+01  
1878 0.0000e+00 0.0000e+00 0.0000e+00 9.1954e-01 -3.9471e+00 -2.5917e+01

693 1876 0.0000e+00 0.0000e+00 0.0000e+00 -6.3794e-01 1.9524e+00 -2.0160e+01  
876 0.0000e+00 0.0000e+00 0.0000e+00 4.1309e+00 9.9808e+00 -1.9519e+01  
878 0.0000e+00 0.0000e+00 0.0000e+00 2.9361e+00 -1.2090e+01 -2.2173e+01  
1877 0.0000e+00 0.0000e+00 0.0000e+00 1.8031e+00 1.3987e+00 -2.2814e+01

694 1875 0.0000e+00 0.0000e+00 0.0000e+00 -3.8296e-01 6.4335e+00 -1.7236e+01  
874 0.0000e+00 0.0000e+00 0.0000e+00 4.2137e+00 1.4148e+01 -1.6540e+01  
876 0.0000e+00 0.0000e+00 0.0000e+00 3.1330e+00 -6.5882e+00 -1.8841e+01  
1876 0.0000e+00 0.0000e+00 0.0000e+00 2.0517e+00 5.8605e+00 -1.9537e+01

695 1874 0.0000e+00 0.0000e+00 0.0000e+00 -2.4485e-01 1.1000e+01 -1.4525e+01  
872 0.0000e+00 0.0000e+00 0.0000e+00 4.6579e+00 1.9307e+01 -1.3952e+01  
874 0.0000e+00 0.0000e+00 0.0000e+00 3.2359e+00 -2.1613e+00 -1.5990e+01  
1875 0.0000e+00 0.0000e+00 0.0000e+00 2.2895e+00 1.0337e+01 -1.6562e+01

696 1873 0.0000e+00 0.0000e+00 0.0000e+00 4.6160e-02 1.5173e+01 -1.2364e+01  
870 0.0000e+00 0.0000e+00 0.0000e+00 5.2804e+00 2.6130e+01 -1.1839e+01  
872 0.0000e+00 0.0000e+00 0.0000e+00 3.7013e+00 1.3213e+00 -1.3319e+01  
1874 0.0000e+00 0.0000e+00 0.0000e+00 2.6465e+00 1.5322e+01 -1.3844e+01

697 72 0.0000e+00 0.0000e+00 0.0000e+00 -4.0561e+00 9.6626e+00 -1.6658e+01  
6 0.0000e+00 0.0000e+00 0.0000e+00 4.1870e+00 3.6865e+01 -1.3518e+01  
870 0.0000e+00 0.0000e+00 0.0000e+00 4.4652e+00 1.9301e+00 -1.0078e+01  
1873 0.0000e+00 0.0000e+00 0.0000e+00 1.7720e+00 2.2055e+01 -1.3218e+01

698 1872 0.0000e+00 0.0000e+00 0.0000e+00 -1.7715e+00 -2.2054e+01 -1.3218e+01  
796 0.0000e+00 0.0000e+00 0.0000e+00 -4.4643e+00 -1.9310e+00 -1.0078e+01  
6 0.0000e+00 0.0000e+00 0.0000e+00 -4.1863e+00 -3.6861e+01 -1.3518e+01  
72 0.0000e+00 0.0000e+00 0.0000e+00 4.0558e+00 -9.6603e+00 -1.6658e+01

699 1871 0.0000e+00 0.0000e+00 0.0000e+00 -2.6460e+00 -1.5322e+01 -1.3844e+01  
794 0.0000e+00 0.0000e+00 0.0000e+00 -3.7003e+00 -1.3226e+00 -1.3318e+01  
796 0.0000e+00 0.0000e+00 0.0000e+00 -5.2791e+00 -2.6128e+01 -1.1839e+01  
1872 0.0000e+00 0.0000e+00 0.0000e+00 -4.6195e-02 -1.5173e+01 -1.2364e+01

700 1870 0.0000e+00 0.0000e+00 0.0000e+00 -2.2891e+00 -1.0338e+01 -1.6562e+01  
792 0.0000e+00 0.0000e+00 0.0000e+00 -3.2349e+00 2.1601e+00 -1.5990e+01  
794 0.0000e+00 0.0000e+00 0.0000e+00 -4.6567e+00 -1.9306e+01 -1.3952e+01  
1871 0.0000e+00 0.0000e+00 0.0000e+00 2.4499e-01 -1.1000e+01 -1.4524e+01

701 1869 0.0000e+00 0.0000e+00 0.0000e+00 -2.0514e+00 -5.8608e+00 -1.9537e+01  
790 0.0000e+00 0.0000e+00 0.0000e+00 -3.1320e+00 6.5875e+00 -1.8840e+01  
792 0.0000e+00 0.0000e+00 0.0000e+00 -4.2127e+00 -1.4148e+01 -1.6539e+01  
1870 0.0000e+00 0.0000e+00 0.0000e+00 3.8319e-01 -6.4338e+00 -1.7236e+01

702 1868 0.0000e+00 0.0000e+00 0.0000e+00 -1.8029e+00 -1.3989e+00 -2.2814e+01  
788 0.0000e+00 0.0000e+00 0.0000e+00 -2.9350e+00 1.2090e+01 -2.2173e+01  
790 0.0000e+00 0.0000e+00 0.0000e+00 -4.1299e+00 -9.9817e+00 -1.9519e+01  
1869 0.0000e+00 0.0000e+00 0.0000e+00 6.3827e-01 -1.9527e+00 -2.0160e+01

703 1867 0.0000e+00 0.0000e+00 0.0000e+00 -9.1940e-01 3.9474e+00 -2.5916e+01  
786 0.0000e+00 0.0000e+00 0.0000e+00 -1.0104e+00 1.9518e+01 -2.6141e+01  
788 0.0000e+00 0.0000e+00 0.0000e+00 -3.8769e+00 -6.7800e+00 -2.3317e+01  
1868 0.0000e+00 0.0000e+00 0.0000e+00 1.5090e+00 2.9814e+00 -2.3092e+01

704 1866 0.0000e+00 0.0000e+00 0.0000e+00 5.0095e+00 1.3139e+01 -2.5778e+01  
784 0.0000e+00 0.0000e+00 0.0000e+00 7.7855e+00 3.1610e+01 -3.0516e+01  
786 0.0000e+00 0.0000e+00 0.0000e+00 -1.3873e+00 -5.8051e+00 -2.8842e+01  
1867 0.0000e+00 0.0000e+00 0.0000e+00 4.9687e+00 9.2211e+00 -2.4103e+01

705 71 0.0000e+00 0.0000e+00 0.0000e+00 1.6608e+00 3.8650e+01 -8.0549e+00  
5 0.0000e+00 0.0000e+00 0.0000e+00 7.2175e+01 5.9563e+01 -3.0474e+01

	784	0.0000e+00	0.0000e+00	0.0000e+00	1.0127e+01	-1.4901e+01	-4.1534e+01
	1866	0.0000e+00	0.0000e+00	0.0000e+00	2.0116e+01	2.8765e+01	-1.9115e+01
706	1865	0.0000e+00	0.0000e+00	0.0000e+00	-6.4099e+01	-5.7212e+01	-1.7798e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-3.1785e+01	5.5019e+01	-9.4572e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.1928e+02	-1.2127e+02	-5.7880e+01
	75	0.0000e+00	0.0000e+00	0.0000e+00	-1.3092e+01	-9.1599e+01	1.8894e+01
707	1864	0.0000e+00	0.0000e+00	0.0000e+00	-1.3806e+01	-5.3708e-01	-3.0996e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	6.7530e+00	2.2372e+01	-5.1142e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-1.8792e+01	-5.3551e+01	-5.7979e+01
	1865	0.0000e+00	0.0000e+00	0.0000e+00	-2.4077e+01	-1.5259e+01	-3.7833e+01
708	1863	0.0000e+00	0.0000e+00	0.0000e+00	-1.2083e+00	1.0066e+01	-2.4703e+01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	1.6784e+01	1.5364e+01	-2.8396e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	8.8361e+00	-2.6274e+01	-4.0958e+01
	1864	0.0000e+00	0.0000e+00	0.0000e+00	1.7350e-01	7.2887e+00	-3.7265e+01
709	1862	0.0000e+00	0.0000e+00	0.0000e+00	1.4433e+00	1.6277e+01	-1.0071e+01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	1.7710e+01	1.2588e+01	-9.4717e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	1.6550e+01	-1.1020e+01	-2.2753e+01
	1863	0.0000e+00	0.0000e+00	0.0000e+00	3.6688e+00	1.5175e+01	-2.3353e+01
710	1861	0.0000e+00	0.0000e+00	0.0000e+00	-6.6064e-01	1.8247e+01	4.0688e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	1.2309e+01	8.6872e+00	8.1629e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	1.6585e+01	3.6935e-01	-4.2205e+00
	1862	0.0000e+00	0.0000e+00	0.0000e+00	2.3417e+00	1.8672e+01	-8.3146e+00
711	1860	0.0000e+00	0.0000e+00	0.0000e+00	-1.8869e+01	7.7073e+00	7.1634e+00
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-8.2910e+00	-1.9958e+00	2.3896e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	9.4620e+00	1.2626e+01	1.6864e+01
	1861	0.0000e+00	0.0000e+00	0.0000e+00	-6.8757e+00	1.8745e+01	1.3142e-01
712	74	0.0000e+00	0.0000e+00	0.0000e+00	-2.0963e+01	-5.8982e+01	-4.3453e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.5934e+02	-3.7389e+01	2.0730e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-1.8993e+01	3.8676e+01	5.3889e+01
	1860	0.0000e+00	0.0000e+00	0.0000e+00	-4.7210e+01	-1.4340e+01	-1.0294e+01
713	1599	0.0000e+00	0.0000e+00	0.0000e+00	1.6809e+01	-5.7619e+01	-1.0725e+02
	1859	0.0000e+00	0.0000e+00	0.0000e+00	6.3342e+01	7.4419e+01	-4.3450e+01
	86	0.0000e+00	0.0000e+00	0.0000e+00	-5.4410e+01	1.1171e+02	4.7274e+00
	31	0.0000e+00	0.0000e+00	0.0000e+00	2.4798e+02	1.3535e+02	-5.9072e+01
714	1598	0.0000e+00	0.0000e+00	0.0000e+00	-1.1215e+01	-2.2715e+01	-5.8181e+01
	1858	0.0000e+00	0.0000e+00	0.0000e+00	1.2428e+01	-2.4705e+00	-4.0941e+01
	1859	0.0000e+00	0.0000e+00	0.0000e+00	2.4700e+01	1.6748e+01	-5.0999e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	7.1623e+00	5.9622e+01	-6.8239e+01
715	1597	0.0000e+00	0.0000e+00	0.0000e+00	-1.8189e+01	-1.6100e+01	-3.2893e+01
	1857	0.0000e+00	0.0000e+00	0.0000e+00	4.2243e-01	-1.2021e+01	-3.0685e+01
	1858	0.0000e+00	0.0000e+00	0.0000e+00	-1.8132e+00	-9.4579e+00	-4.6112e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-1.2029e+01	2.9330e+01	-4.8319e+01
716	1596	0.0000e+00	0.0000e+00	0.0000e+00	-1.8650e+01	-1.1395e+01	-1.1560e+01
	1856	0.0000e+00	0.0000e+00	0.0000e+00	-2.1685e+00	-1.8116e+01	-1.2192e+01
	1857	0.0000e+00	0.0000e+00	0.0000e+00	-4.2806e+00	-1.7215e+01	-2.7918e+01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-1.7662e+01	1.1447e+01	-2.7285e+01
717	1595	0.0000e+00	0.0000e+00	0.0000e+00	-1.5142e+01	-4.4445e+00	8.5643e+00
	1855	0.0000e+00	0.0000e+00	0.0000e+00	-1.0345e+00	-1.9513e+01	5.9443e+00
	1856	0.0000e+00	0.0000e+00	0.0000e+00	-2.9654e+00	-2.0131e+01	-9.0438e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-1.7869e+01	-1.4764e+00	-6.4238e+00
718	1594	0.0000e+00	0.0000e+00	0.0000e+00	-2.6765e+00	9.7319e+00	2.6441e+01
	1854	0.0000e+00	0.0000e+00	0.0000e+00	1.8553e+01	-4.7976e+00	1.2969e+01
	1855	0.0000e+00	0.0000e+00	0.0000e+00	5.5952e+00	-2.0387e+01	3.2229e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-1.3668e+01	-1.2986e+01	1.6694e+01
719	30	0.0000e+00	0.0000e+00	0.0000e+00	1.7708e+02	5.2853e+01	1.3064e+01
	85	0.0000e+00	0.0000e+00	0.0000e+00	-3.3389e+01	8.4762e+01	-3.9145e+01
	1854	0.0000e+00	0.0000e+00	0.0000e+00	4.6718e+01	2.9498e+01	5.5374e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	4.1603e+00	-3.9128e+01	5.7746e+01
720	1853	0.0000e+00	0.0000e+00	0.0000e+00	4.7210e+01	1.4343e+01	-1.0289e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	1.8991e+01	-3.8672e+01	5.3894e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.5934e+02	3.7392e+01	2.0733e+01
	70	0.0000e+00	0.0000e+00	0.0000e+00	2.0962e+01	5.8988e+01	-4.3450e+01
721	1852	0.0000e+00	0.0000e+00	0.0000e+00	6.8753e+00	-1.8742e+01	1.3606e-01

	955	0.0000e+00	0.0000e+00	0.0000e+00	-9.4637e+00	-1.2624e+01	1.6868e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	8.2892e+00	1.9992e+00	2.3900e+01
	1853	0.0000e+00	0.0000e+00	0.0000e+00	1.8868e+01	-7.7042e+00	7.1679e+00
722	1851	0.0000e+00	0.0000e+00	0.0000e+00	-2.3421e+00	-1.8670e+01	-8.3101e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	-1.6587e+01	-3.6893e-01	-4.2159e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	-1.2311e+01	-8.6832e+00	8.1675e+00
	1852	0.0000e+00	0.0000e+00	0.0000e+00	6.5989e-01	-1.8245e+01	4.0734e+00
723	1850	0.0000e+00	0.0000e+00	0.0000e+00	-3.6692e+00	-1.5175e+01	-2.3348e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.6553e+01	1.1018e+01	-2.2749e+01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-1.7712e+01	-1.2583e+01	-9.4671e+00
	1851	0.0000e+00	0.0000e+00	0.0000e+00	-1.4444e+00	-1.6276e+01	-1.0066e+01
724	1849	0.0000e+00	0.0000e+00	0.0000e+00	-1.7422e-01	-7.2903e+00	-3.7262e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-8.8407e+00	2.6268e+01	-4.0955e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.6787e+01	-1.5359e+01	-2.8392e+01
	1850	0.0000e+00	0.0000e+00	0.0000e+00	1.2067e+00	-1.0067e+01	-2.4699e+01
725	1848	0.0000e+00	0.0000e+00	0.0000e+00	2.4076e+01	1.5254e+01	-3.7831e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	1.8784e+01	5.3541e+01	-5.7976e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-6.7577e+00	-2.2368e+01	-5.1138e+01
	1849	0.0000e+00	0.0000e+00	0.0000e+00	1.3803e+01	5.3309e-01	-3.0993e+01
726	69	0.0000e+00	0.0000e+00	0.0000e+00	1.3084e+01	9.1593e+01	1.8894e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.1927e+02	1.2126e+02	-5.7877e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	3.1776e+01	-5.5015e+01	-9.4569e+01
	1848	0.0000e+00	0.0000e+00	0.0000e+00	6.4095e+01	5.7205e+01	-1.7798e+01
727	1557	0.0000e+00	0.0000e+00	0.0000e+00	-4.1582e+00	3.9132e+01	5.7744e+01
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-4.6717e+01	-2.9492e+01	5.5350e+00
	81	0.0000e+00	0.0000e+00	0.0000e+00	3.3389e+01	-8.4757e+01	-3.9146e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	-1.7708e+02	-5.2848e+01	1.3062e+01
728	1556	0.0000e+00	0.0000e+00	0.0000e+00	1.3670e+01	1.2992e+01	1.6691e+01
	1846	0.0000e+00	0.0000e+00	0.0000e+00	-5.5947e+00	2.0392e+01	3.2200e+00
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-1.8552e+01	4.8028e+00	1.2967e+01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	2.6786e+00	-9.7282e+00	2.6438e+01
729	1555	0.0000e+00	0.0000e+00	0.0000e+00	1.7871e+01	1.4837e+00	-6.4276e+00
	1845	0.0000e+00	0.0000e+00	0.0000e+00	2.9657e+00	2.0137e+01	-9.0474e+00
	1846	0.0000e+00	0.0000e+00	0.0000e+00	1.0353e+00	1.9518e+01	5.9413e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	1.5144e+01	4.4478e+00	8.5610e+00
730	1554	0.0000e+00	0.0000e+00	0.0000e+00	1.7664e+01	-1.1437e+01	-2.7290e+01
	1844	0.0000e+00	0.0000e+00	0.0000e+00	4.2808e+00	1.7222e+01	-2.7922e+01
	1845	0.0000e+00	0.0000e+00	0.0000e+00	2.1694e+00	1.8123e+01	-1.2196e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	1.8652e+01	1.1398e+01	-1.1564e+01
731	1553	0.0000e+00	0.0000e+00	0.0000e+00	1.2031e+01	-2.9318e+01	-4.8325e+01
	1843	0.0000e+00	0.0000e+00	0.0000e+00	1.8133e+00	9.4670e+00	-4.6117e+01
	1844	0.0000e+00	0.0000e+00	0.0000e+00	-4.2145e-01	1.2029e+01	-3.0690e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	1.8191e+01	1.6103e+01	-3.2898e+01
732	1552	0.0000e+00	0.0000e+00	0.0000e+00	-7.1604e+00	-5.9607e+01	-6.8245e+01
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-2.4700e+01	-1.6737e+01	-5.1005e+01
	1843	0.0000e+00	0.0000e+00	0.0000e+00	-1.2427e+01	2.4809e+00	-4.0946e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	1.1216e+01	2.2720e+01	-5.8187e+01
733	25	0.0000e+00	0.0000e+00	0.0000e+00	-2.4798e+02	-1.3533e+02	-5.9081e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	5.4409e+01	-1.1169e+02	4.7190e+00
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-6.3341e+01	-7.4405e+01	-4.3456e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-1.6808e+01	5.7626e+01	-1.0726e+02
734	1515	0.0000e+00	0.0000e+00	0.0000e+00	2.0954e+01	-6.9803e+01	-7.8605e+01
	1841	0.0000e+00	0.0000e+00	0.0000e+00	4.4241e+01	5.2417e+01	-4.8985e+01
	88	0.0000e+00	0.0000e+00	0.0000e+00	-4.1590e+01	8.1274e+01	-2.1886e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	1.5944e+02	1.4252e+02	-5.1506e+01
735	1514	0.0000e+00	0.0000e+00	0.0000e+00	4.1783e+00	-5.8327e+01	-4.9349e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	1.4395e+01	-1.2904e+01	-4.1979e+01
	1841	0.0000e+00	0.0000e+00	0.0000e+00	1.2530e+01	3.5587e+00	-4.9959e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	1.9146e+01	6.6937e+01	-5.7329e+01
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	-2.5408e+00	-5.6866e+01	-3.2112e+01
	1839	0.0000e+00	0.0000e+00	0.0000e+00	5.5683e+00	-3.2695e+01	-3.1460e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-1.5693e+00	-2.7764e+01	-4.3294e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	5.7559e+00	2.3033e+01	-4.3946e+01



737 1512 0.0000e+00 0.0000e+00 0.0000e+00 -6.3638e+00 -5.3137e+01 -1.5713e+01  
1838 0.0000e+00 0.0000e+00 0.0000e+00 1.6801e+00 -4.5925e+01 -1.5338e+01  
1839 0.0000e+00 0.0000e+00 0.0000e+00 -2.7021e+00 -4.3072e+01 -2.8203e+01  
1513 0.0000e+00 0.0000e+00 0.0000e+00 -1.3144e+00 -6.9142e+00 -2.8578e+01

738 1511 0.0000e+00 0.0000e+00 0.0000e+00 -1.0288e+01 -4.6088e+01 1.3275e+00  
1837 0.0000e+00 0.0000e+00 0.0000e+00 -1.0440e+00 -5.3388e+01 2.7388e+00  
1838 0.0000e+00 0.0000e+00 0.0000e+00 -2.8446e+00 -5.1604e+01 -1.1163e+01  
1512 0.0000e+00 0.0000e+00 0.0000e+00 -5.9786e+00 -2.7624e+01 -1.2575e+01

739 1510 0.0000e+00 0.0000e+00 0.0000e+00 -1.4925e+01 -3.5376e+01 2.0346e+01  
1836 0.0000e+00 0.0000e+00 0.0000e+00 -3.2932e+00 -5.6374e+01 2.2909e+01  
1837 0.0000e+00 0.0000e+00 0.0000e+00 -2.8156e+00 -5.5251e+01 7.3527e+00  
1511 0.0000e+00 0.0000e+00 0.0000e+00 -1.0846e+01 -4.1246e+01 4.7898e+00

740 1509 0.0000e+00 0.0000e+00 0.0000e+00 -1.9247e+01 -2.0561e+01 4.2582e+01  
1835 0.0000e+00 0.0000e+00 0.0000e+00 -4.4370e+00 -5.5227e+01 4.5397e+01  
1836 0.0000e+00 0.0000e+00 0.0000e+00 -2.4403e+00 -5.4844e+01 2.7600e+01  
1510 0.0000e+00 0.0000e+00 0.0000e+00 -1.6240e+01 -4.9467e+01 2.4785e+01

741 1508 0.0000e+00 0.0000e+00 0.0000e+00 -1.6943e+01 3.3623e-01 6.8869e+01  
1834 0.0000e+00 0.0000e+00 0.0000e+00 -1.8746e+00 -4.7853e+01 6.8077e+01  
1835 0.0000e+00 0.0000e+00 0.0000e+00 3.8696e-01 -4.9973e+01 4.8794e+01  
1509 0.0000e+00 0.0000e+00 0.0000e+00 -2.0613e+01 -5.4774e+01 4.9586e+01

742 1507 0.0000e+00 0.0000e+00 0.0000e+00 4.3577e+00 3.5331e+01 9.4946e+01  
1833 0.0000e+00 0.0000e+00 0.0000e+00 3.5676e+01 -1.1790e+01 7.2173e+01  
1834 0.0000e+00 0.0000e+00 0.0000e+00 1.6024e+01 -4.1428e+01 6.0148e+01  
1508 0.0000e+00 0.0000e+00 0.0000e+00 -1.6475e+01 -6.1492e+01 8.2921e+01

743 32 0.0000e+00 0.0000e+00 0.0000e+00 3.4924e+02 1.2765e+02 6.8102e+01  
87 0.0000e+00 0.0000e+00 0.0000e+00 -6.8665e+01 1.5477e+02 -2.8357e+01  
1833 0.0000e+00 0.0000e+00 0.0000e+00 9.2708e+01 6.3005e+01 5.7114e+01  
1507 0.0000e+00 0.0000e+00 0.0000e+00 1.6381e+01 -1.0218e+02 1.5357e+02

744 1446 0.0000e+00 0.0000e+00 0.0000e+00 1.6702e+01 -7.9099e+01 -1.6803e+02  
1832 0.0000e+00 0.0000e+00 0.0000e+00 8.4286e+01 8.3602e+01 -7.6534e+01  
87 0.0000e+00 0.0000e+00 0.0000e+00 -7.2694e+01 1.6838e+02 3.7502e-01  
32 0.0000e+00 0.0000e+00 0.0000e+00 3.5260e+02 1.7376e+02 -9.1118e+01

745 1445 0.0000e+00 0.0000e+00 0.0000e+00 -1.7141e+01 -3.8441e+01 -9.6189e+01  
1831 0.0000e+00 0.0000e+00 0.0000e+00 1.4208e+01 -8.8153e+00 -7.8089e+01  
1832 0.0000e+00 0.0000e+00 0.0000e+00 2.1924e+01 1.1773e+01 -9.2765e+01  
1446 0.0000e+00 0.0000e+00 0.0000e+00 1.0540e+01 7.1418e+01 -1.1087e+02

746 1444 0.0000e+00 0.0000e+00 0.0000e+00 -2.1953e+01 -3.4413e+01 -6.3537e+01  
1830 0.0000e+00 0.0000e+00 0.0000e+00 1.2945e+00 -2.2262e+01 -6.3420e+01  
1831 0.0000e+00 0.0000e+00 0.0000e+00 -4.1623e+00 -2.0726e+01 -8.2982e+01  
1445 0.0000e+00 0.0000e+00 0.0000e+00 -1.6268e+01 3.1438e+01 -8.3099e+01

747 1443 0.0000e+00 0.0000e+00 0.0000e+00 -1.9780e+01 -3.3969e+01 -3.9266e+01  
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1444 0.0000e+00 0.0000e+00 0.0000e+00 -1.9664e+01 7.8033e+00 -5.7349e+01

748 1442 0.0000e+00 0.0000e+00 0.0000e+00 -1.8220e+01 -3.2297e+01 -1.8631e+01  
1828 0.0000e+00 0.0000e+00 0.0000e+00 -2.4855e+00 -3.7259e+01 -1.9919e+01  
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1443 0.0000e+00 0.0000e+00 0.0000e+00 -1.8048e+01 -8.4882e+00 -3.5131e+01

749 1441 0.0000e+00 0.0000e+00 0.0000e+00 -1.8575e+01 -2.8136e+01 1.0682e+00  
1827 0.0000e+00 0.0000e+00 0.0000e+00 -3.3456e+00 -4.0680e+01 1.1060e+00  
1828 0.0000e+00 0.0000e+00 0.0000e+00 -4.4134e+00 -4.0230e+01 -1.4957e+01  
1442 0.0000e+00 0.0000e+00 0.0000e+00 -1.7433e+01 -1.9918e+01 -1.4994e+01

750 1440 0.0000e+00 0.0000e+00 0.0000e+00 -2.0409e+01 -2.1051e+01 2.1768e+01  
1826 0.0000e+00 0.0000e+00 0.0000e+00 -4.0675e+00 -4.1931e+01 2.2780e+01  
1827 0.0000e+00 0.0000e+00 0.0000e+00 -3.8019e+00 -4.1125e+01 5.9581e+00  
1441 0.0000e+00 0.0000e+00 0.0000e+00 -1.8696e+01 -2.7596e+01 4.9464e+00

751 1439 0.0000e+00 0.0000e+00 0.0000e+00 -1.9776e+01 -9.9440e+00 4.4944e+01  
1825 0.0000e+00 0.0000e+00 0.0000e+00 -3.4290e+00 -3.9609e+01 4.4852e+01  
1826 0.0000e+00 0.0000e+00 0.0000e+00 -2.2999e+00 -3.9762e+01 2.6975e+01  
1440 0.0000e+00 0.0000e+00 0.0000e+00 -2.1086e+01 -3.2861e+01 2.7068e+01

752 1438 0.0000e+00 0.0000e+00 0.0000e+00 -3.5009e+00 1.0301e+01 6.9237e+01  
1824 0.0000e+00 0.0000e+00 0.0000e+00 1.3689e+01 -2.1028e+01 5.7009e+01  
1825 0.0000e+00 0.0000e+00 0.0000e+00 5.9438e+00 -3.6215e+01 4.3047e+01

	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.9668e+01	-3.8986e+01	5.5276e+01
753	31	0.0000e+00	0.0000e+00	0.0000e+00	2.3476e+02	6.8528e+01	5.2536e+01
	86	0.0000e+00	0.0000e+00	0.0000e+00	-4.3806e+01	1.0680e+02	-1.5681e+01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	5.6814e+01	1.9042e+01	4.4199e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	7.4011e-01	-6.5169e+01	1.1242e+02
754	1823	0.0000e+00	0.0000e+00	0.0000e+00	-5.6354e+01	-4.8602e+01	-9.6210e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	-4.7115e+01	6.7717e+01	-7.0266e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.7374e+02	-1.4069e+02	-4.9223e+01
	77	0.0000e+00	0.0000e+00	0.0000e+00	-3.7542e+01	-7.1717e+01	1.1422e+01
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	-1.8104e+01	1.4003e+00	-2.5327e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-8.8202e+00	4.8475e+01	-4.1402e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	-3.7437e+01	-6.6742e+01	-4.5064e+01
	1823	0.0000e+00	0.0000e+00	0.0000e+00	-1.8064e+01	-1.1426e+01	-2.8990e+01
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	-5.9996e+00	2.1457e+01	-2.0806e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	3.8693e+00	4.3653e+01	-2.4678e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-7.7634e+00	-2.6414e+01	-3.3845e+01
	1822	0.0000e+00	0.0000e+00	0.0000e+00	-1.2507e+00	1.6407e+01	-2.9973e+01
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	-1.2296e+00	3.3764e+01	-8.3803e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	9.1554e+00	4.0869e+01	-9.5736e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	3.4776e+00	-1.0140e+00	-2.0593e+01
	1821	0.0000e+00	0.0000e+00	0.0000e+00	2.3268e+00	3.0884e+01	-1.9399e+01
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	1.3513e+00	4.1101e+01	6.8914e+00
	684	0.0000e+00	0.0000e+00	0.0000e+00	1.2890e+01	3.6797e+01	5.7355e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	8.8686e+00	1.6129e+01	-6.4414e+00
	1820	0.0000e+00	0.0000e+00	0.0000e+00	3.3180e+00	3.9223e+01	-5.2855e+00
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	3.0238e+00	4.5000e+01	2.4115e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	1.6457e+01	3.0541e+01	2.2523e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	1.3101e+01	2.7648e+01	8.9842e+00
	1819	0.0000e+00	0.0000e+00	0.0000e+00	3.5481e+00	4.3652e+01	1.0577e+01
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	3.2636e+00	4.5741e+01	4.2859e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	1.8710e+01	2.1366e+01	4.1792e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	1.7033e+01	3.5373e+01	2.6665e+01
	1818	0.0000e+00	0.0000e+00	0.0000e+00	3.0435e+00	4.5033e+01	2.7732e+01
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	-9.9278e-01	4.1163e+01	6.0299e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	1.2684e+01	6.9863e+00	6.4090e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	1.8846e+01	4.1906e+01	4.8502e+01
	1817	0.0000e+00	0.0000e+00	0.0000e+00	-4.1491e-01	4.2802e+01	4.4711e+01
762	1815	0.0000e+00	0.0000e+00	0.0000e+00	-3.5221e+01	1.3170e+01	5.8939e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-1.9893e+01	-2.1132e+01	8.5991e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	9.9166e+00	5.2684e+01	7.8248e+01
	1816	0.0000e+00	0.0000e+00	0.0000e+00	-1.6937e+01	3.5804e+01	5.1196e+01
763	76	0.0000e+00	0.0000e+00	0.0000e+00	-2.3050e+01	-1.2512e+02	-4.2184e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-3.0751e+02	-9.9083e+01	7.1234e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-3.6706e+01	9.2787e+01	1.4083e+02
	1815	0.0000e+00	0.0000e+00	0.0000e+00	-9.2218e+01	-3.7759e+01	2.7410e+01
764	1814	0.0000e+00	0.0000e+00	0.0000e+00	-8.4001e+01	-6.4173e+01	-4.0905e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-3.6247e+01	7.1108e+01	-1.4795e+02
	10	0.0000e+00	0.0000e+00	0.0000e+00	-3.1100e+02	-1.5517e+02	-8.5867e+01
	76	0.0000e+00	0.0000e+00	0.0000e+00	-1.8570e+01	-1.4687e+02	2.1173e+01
765	1813	0.0000e+00	0.0000e+00	0.0000e+00	-1.5352e+01	2.2458e+00	-6.3899e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	1.1421e+01	3.0858e+01	-8.5577e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-2.4229e+01	-6.3165e+01	-9.4845e+01
	1814	0.0000e+00	0.0000e+00	0.0000e+00	-2.2096e+01	-1.5596e+01	-7.3166e+01
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	-1.3623e+00	1.5214e+01	-5.4450e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	2.0171e+01	2.4429e+01	-5.6736e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	1.2269e+01	-2.8513e+01	-7.2575e+01
	1813	0.0000e+00	0.0000e+00	0.0000e+00	2.0695e+00	1.3101e+01	-7.0289e+01
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	1.8419e+00	2.3038e+01	-3.6379e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	2.0061e+01	2.4014e+01	-3.5375e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	1.8804e+01	-9.8630e+00	-5.0879e+01
	1812	0.0000e+00	0.0000e+00	0.0000e+00	5.0633e+00	2.2825e+01	-5.1883e+01
768	1810	0.0000e+00	0.0000e+00	0.0000e+00	2.8033e+00	2.8209e+01	-1.7828e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	1.9458e+01	2.4043e+01	-1.6948e+01

	570	0.0000e+00	0.0000e+00	0.0000e+00	1.8750e+01	2.3812e+00	-3.1500e+01
	1811	0.0000e+00	0.0000e+00	0.0000e+00	5.2327e+00	2.7981e+01	-3.2380e+01
769	1809	0.0000e+00	0.0000e+00	0.0000e+00	3.3652e+00	3.2014e+01	6.4376e-01
	566	0.0000e+00	0.0000e+00	0.0000e+00	1.9955e+01	2.3112e+01	7.8953e-01
	568	0.0000e+00	0.0000e+00	0.0000e+00	1.8662e+01	1.1017e+01	-1.3513e+01
	1810	0.0000e+00	0.0000e+00	0.0000e+00	4.9425e+00	3.1370e+01	-1.3659e+01
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	3.5376e+00	3.4641e+01	1.9516e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	2.1035e+01	2.0650e+01	1.9327e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	1.9639e+01	1.7339e+01	4.4894e+00
	1809	0.0000e+00	0.0000e+00	0.0000e+00	4.5629e+00	3.3697e+01	4.6786e+00
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	1.7424e+00	3.4613e+01	3.7831e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	1.8292e+01	1.5374e+01	3.9712e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	2.0782e+01	2.2837e+01	2.4488e+01
	1808	0.0000e+00	0.0000e+00	0.0000e+00	2.9301e+00	3.4739e+01	2.2607e+01
772	1806	0.0000e+00	0.0000e+00	0.0000e+00	-1.4412e+01	2.0722e+01	4.4964e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-5.4737e+00	1.7885e+00	6.0457e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	1.6470e+01	3.1418e+01	5.0271e+01
	1807	0.0000e+00	0.0000e+00	0.0000e+00	-6.0576e+00	3.3318e+01	3.4778e+01
773	75	0.0000e+00	0.0000e+00	0.0000e+00	-2.4113e+01	-8.4265e+01	-2.8179e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.0613e+02	-4.5361e+01	5.3206e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-1.5017e+01	5.8805e+01	1.0148e+02
	1806	0.0000e+00	0.0000e+00	0.0000e+00	-5.6072e+01	-1.0351e+00	2.0097e+01
774	1805	0.0000e+00	0.0000e+00	0.0000e+00	-4.6303e+01	-4.7692e+01	-3.3565e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-2.2972e+01	3.5939e+01	-8.9767e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.6400e+02	-1.1053e+02	-6.0950e+01
	74	0.0000e+00	0.0000e+00	0.0000e+00	-1.5179e+01	-8.5847e+01	-4.7473e+00
775	1804	0.0000e+00	0.0000e+00	0.0000e+00	-1.0148e+01	-9.3414e+00	-4.6491e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	3.7290e+00	1.5378e+01	-5.7732e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-1.7009e+01	-5.3249e+01	-6.2539e+01
	1805	0.0000e+00	0.0000e+00	0.0000e+00	-1.1391e+01	-1.8696e+01	-5.1298e+01
776	1803	0.0000e+00	0.0000e+00	0.0000e+00	-2.2418e+00	1.1458e+00	-4.2004e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	8.8020e+00	1.3237e+01	-4.2939e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	3.5350e+00	-2.8844e+01	-5.0951e+01
	1804	0.0000e+00	0.0000e+00	0.0000e+00	1.1979e+00	-3.6386e-01	-5.0016e+01
777	1802	0.0000e+00	0.0000e+00	0.0000e+00	-2.1661e-01	7.8550e+00	-3.3150e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	8.9026e+00	1.4343e+01	-3.2320e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	7.5288e+00	-1.4616e+01	-3.9983e+01
	1803	0.0000e+00	0.0000e+00	0.0000e+00	2.7809e+00	7.5454e+00	-4.0813e+01
778	1801	0.0000e+00	0.0000e+00	0.0000e+00	4.7893e-01	1.2546e+01	-2.4318e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	8.5989e+00	1.5788e+01	-2.3547e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	7.7504e+00	-4.9863e+00	-3.0457e+01
	1802	0.0000e+00	0.0000e+00	0.0000e+00	2.8362e+00	1.2390e+01	-3.1228e+01
779	1800	0.0000e+00	0.0000e+00	0.0000e+00	8.7325e-01	1.6195e+01	-1.5924e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	8.7922e+00	1.7068e+01	-1.5522e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	7.7644e+00	1.8495e+00	-2.1972e+01
	1801	0.0000e+00	0.0000e+00	0.0000e+00	2.6879e+00	1.5916e+01	-2.2374e+01
780	1799	0.0000e+00	0.0000e+00	0.0000e+00	1.0801e+00	1.9232e+01	-7.7404e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	9.3939e+00	1.8222e+01	-7.5629e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	8.2143e+00	6.7995e+00	-1.3919e+01
	1800	0.0000e+00	0.0000e+00	0.0000e+00	2.6068e+00	1.8789e+01	-1.4096e+01
781	1798	0.0000e+00	0.0000e+00	0.0000e+00	6.3328e-01	2.1469e+01	5.3486e-02
	445	0.0000e+00	0.0000e+00	0.0000e+00	9.0392e+00	1.9181e+01	8.0432e-01
	447	0.0000e+00	0.0000e+00	0.0000e+00	8.8754e+00	1.0671e+01	-5.5086e+00
	1799	0.0000e+00	0.0000e+00	0.0000e+00	2.2654e+00	2.1296e+01	-6.2594e+00
782	1797	0.0000e+00	0.0000e+00	0.0000e+00	-4.3815e+00	1.8996e+01	3.8512e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	2.0178e+00	1.8738e+01	8.9904e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	8.0166e+00	1.4828e+01	4.6720e+00
	1798	0.0000e+00	0.0000e+00	0.0000e+00	-3.3038e-01	2.3402e+01	-4.6715e-01
783	73	0.0000e+00	0.0000e+00	0.0000e+00	-9.3769e+00	-1.9517e+01	-2.2699e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	-6.3948e+01	1.0151e+01	5.3822e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-1.3928e+00	2.3254e+01	2.3469e+01
	1797	0.0000e+00	0.0000e+00	0.0000e+00	-1.7018e+01	1.5926e+01	-4.6116e+00
784	1371	0.0000e+00	0.0000e+00	0.0000e+00	1.0773e+01	-4.0715e+01	-1.0387e+02

	1796	0.0000e+00	0.0000e+00	0.0000e+00	4.4960e+01	5.8165e+01	-5.9097e+01
	85	0.0000e+00	0.0000e+00	0.0000e+00	-4.1225e+01	9.3610e+01	-2.3424e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	1.8451e+02	1.1952e+02	-6.8195e+01
785	1370	0.0000e+00	0.0000e+00	0.0000e+00	-6.9903e+00	-1.9819e+01	-6.6902e+01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	9.2089e+00	4.9453e+00	-5.8075e+01
	1796	0.0000e+00	0.0000e+00	0.0000e+00	1.1067e+01	1.5381e+01	-6.6259e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	8.4113e+00	5.6883e+01	-7.5085e+01
786	1369	0.0000e+00	0.0000e+00	0.0000e+00	-9.7651e+00	-1.8813e+01	-5.0120e+01
	1794	0.0000e+00	0.0000e+00	0.0000e+00	2.1091e+00	-5.4665e+00	-5.0406e+01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	-2.3915e+00	-4.4669e+00	-6.0557e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-5.8236e+00	2.9645e+01	-6.0272e+01
787	1368	0.0000e+00	0.0000e+00	0.0000e+00	-8.7993e+00	-1.9682e+01	-3.7923e+01
	1793	0.0000e+00	0.0000e+00	0.0000e+00	3.2948e-01	-1.2704e+01	-3.9293e+01
	1794	0.0000e+00	0.0000e+00	0.0000e+00	-3.1115e+00	-1.2734e+01	-4.8387e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-8.0384e+00	1.2845e+01	-4.7016e+01
788	1367	0.0000e+00	0.0000e+00	0.0000e+00	-8.0343e+00	-2.0096e+01	-2.7977e+01
	1792	0.0000e+00	0.0000e+00	0.0000e+00	-3.7855e-01	-1.7467e+01	-2.8922e+01
	1793	0.0000e+00	0.0000e+00	0.0000e+00	-2.7804e+00	-1.7589e+01	-3.6856e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-7.4792e+00	1.2686e+00	-3.5911e+01
789	1366	0.0000e+00	0.0000e+00	0.0000e+00	-8.1351e+00	-1.9690e+01	-1.9001e+01
	1791	0.0000e+00	0.0000e+00	0.0000e+00	-9.0865e-01	-2.0690e+01	-1.9306e+01
	1792	0.0000e+00	0.0000e+00	0.0000e+00	-2.3956e+00	-2.0674e+01	-2.6589e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-7.2458e+00	-6.7772e+00	-2.6283e+01
790	1365	0.0000e+00	0.0000e+00	0.0000e+00	-8.9869e+00	-1.8607e+01	-1.0135e+01
	1790	0.0000e+00	0.0000e+00	0.0000e+00	-1.3405e+00	-2.2815e+01	-9.9598e+00
	1791	0.0000e+00	0.0000e+00	0.0000e+00	-2.1909e+00	-2.2629e+01	-1.7128e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-7.7941e+00	-1.2175e+01	-1.7303e+01
791	1364	0.0000e+00	0.0000e+00	0.0000e+00	-9.3594e+00	-1.6875e+01	-7.5346e-01
	1789	0.0000e+00	0.0000e+00	0.0000e+00	-1.3072e+00	-2.3691e+01	-8.0543e-01
	1790	0.0000e+00	0.0000e+00	0.0000e+00	-1.8631e+00	-2.3774e+01	-8.0693e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-8.9051e+00	-1.5733e+01	-8.0173e+00
792	1363	0.0000e+00	0.0000e+00	0.0000e+00	-4.6555e+00	-1.3407e+01	8.4987e+00
	1788	0.0000e+00	0.0000e+00	0.0000e+00	3.8397e+00	-1.8741e+01	4.5533e+00
	1789	0.0000e+00	0.0000e+00	0.0000e+00	5.4324e-01	-2.4460e+01	-8.8872e-01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-9.0746e+00	-1.8663e+01	3.0567e+00
793	29	0.0000e+00	0.0000e+00	0.0000e+00	7.2390e+01	-1.6891e-01	7.3268e-01
	84	0.0000e+00	0.0000e+00	0.0000e+00	-9.7513e+00	3.1227e+01	-2.3755e+01
	1788	0.0000e+00	0.0000e+00	0.0000e+00	1.8017e+01	-1.0157e+01	-7.6868e-01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-3.2665e+00	-2.5780e+01	2.3719e+01
794	1296	0.0000e+00	0.0000e+00	0.0000e+00	3.2669e+00	2.5778e+01	2.3719e+01
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-1.8016e+01	1.0158e+01	-7.6891e-01
	82	0.0000e+00	0.0000e+00	0.0000e+00	9.7508e+00	-3.1226e+01	-2.3755e+01
	27	0.0000e+00	0.0000e+00	0.0000e+00	-7.2388e+01	1.7128e-01	7.3279e-01
795	1295	0.0000e+00	0.0000e+00	0.0000e+00	9.0750e+00	1.8661e+01	3.0566e+00
	1786	0.0000e+00	0.0000e+00	0.0000e+00	-5.4290e-01	2.4460e+01	-8.8888e-01
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-3.8397e+00	1.8741e+01	4.5531e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	4.6562e+00	1.3408e+01	8.4986e+00
796	1294	0.0000e+00	0.0000e+00	0.0000e+00	8.9055e+00	1.5731e+01	-8.0173e+00
	1785	0.0000e+00	0.0000e+00	0.0000e+00	1.8633e+00	2.3773e+01	-8.0693e+00
	1786	0.0000e+00	0.0000e+00	0.0000e+00	1.3072e+00	2.3690e+01	-8.0559e-01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	9.3599e+00	1.6875e+01	-7.5356e-01
797	1293	0.0000e+00	0.0000e+00	0.0000e+00	7.7945e+00	1.2174e+01	-1.7303e+01
	1784	0.0000e+00	0.0000e+00	0.0000e+00	2.1911e+00	2.2628e+01	-1.7128e+01
	1785	0.0000e+00	0.0000e+00	0.0000e+00	1.3406e+00	2.2814e+01	-9.9599e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	8.9874e+00	1.8606e+01	-1.0135e+01
798	1292	0.0000e+00	0.0000e+00	0.0000e+00	7.2465e+00	6.7761e+00	-2.6283e+01
	1783	0.0000e+00	0.0000e+00	0.0000e+00	2.3957e+00	2.0673e+01	-2.6589e+01
	1784	0.0000e+00	0.0000e+00	0.0000e+00	9.0883e-01	2.0689e+01	-1.9306e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	8.1356e+00	1.9689e+01	-1.9000e+01
799	1291	0.0000e+00	0.0000e+00	0.0000e+00	7.4800e+00	-1.2689e+00	-3.5911e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	2.7805e+00	1.7588e+01	-3.6856e+01
	1783	0.0000e+00	0.0000e+00	0.0000e+00	3.7885e-01	1.7466e+01	-2.8921e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	8.0349e+00	2.0094e+01	-2.7977e+01

800 1290 0.0000e+00 0.0000e+00 0.0000e+00 8.0395e+00 -1.2844e+01 -4.7016e+01  
1781 0.0000e+00 0.0000e+00 0.0000e+00 3.1116e+00 1.2733e+01 -4.8387e+01  
1782 0.0000e+00 0.0000e+00 0.0000e+00 -3.2904e-01 1.2703e+01 -3.9293e+01  
1291 0.0000e+00 0.0000e+00 0.0000e+00 8.8000e+00 1.9680e+01 -3.7923e+01

801 1289 0.0000e+00 0.0000e+00 0.0000e+00 5.8250e+00 -2.9642e+01 -6.0272e+01  
1780 0.0000e+00 0.0000e+00 0.0000e+00 2.3916e+00 4.4676e+00 -6.0558e+01  
1781 0.0000e+00 0.0000e+00 0.0000e+00 -2.1085e+00 5.4668e+00 -5.0406e+01  
1290 0.0000e+00 0.0000e+00 0.0000e+00 9.7661e+00 1.8811e+01 -5.0120e+01

802 1288 0.0000e+00 0.0000e+00 0.0000e+00 -8.4094e+00 -5.6878e+01 -7.5085e+01  
1779 0.0000e+00 0.0000e+00 0.0000e+00 -1.1067e+01 -1.5378e+01 -6.6259e+01  
1780 0.0000e+00 0.0000e+00 0.0000e+00 -9.2080e+00 -4.9435e+00 -5.8076e+01  
1289 0.0000e+00 0.0000e+00 0.0000e+00 6.9915e+00 1.9817e+01 -6.6902e+01

803 26 0.0000e+00 0.0000e+00 0.0000e+00 -1.8451e+02 -1.1951e+02 -6.8196e+01  
81 0.0000e+00 0.0000e+00 0.0000e+00 4.1224e+01 -9.3605e+01 -2.3425e+01  
1779 0.0000e+00 0.0000e+00 0.0000e+00 -4.4959e+01 -5.8161e+01 -5.9098e+01  
1288 0.0000e+00 0.0000e+00 0.0000e+00 -1.0771e+01 4.0714e+01 -1.0387e+02

804 1778 0.0000e+00 0.0000e+00 0.0000e+00 1.7019e+01 -1.5923e+01 -4.6105e+00  
342 0.0000e+00 0.0000e+00 0.0000e+00 1.3940e+00 -2.3254e+01 2.3470e+01  
5 0.0000e+00 0.0000e+00 0.0000e+00 6.3948e+01 -1.0147e+01 5.3828e+00  
71 0.0000e+00 0.0000e+00 0.0000e+00 9.3777e+00 1.9520e+01 -2.2698e+01

805 1777 0.0000e+00 0.0000e+00 0.0000e+00 3.3082e-01 -2.3401e+01 -4.6563e-01  
340 0.0000e+00 0.0000e+00 0.0000e+00 -8.0155e+00 -1.4827e+01 4.6735e+00  
342 0.0000e+00 0.0000e+00 0.0000e+00 -2.0164e+00 -1.8735e+01 8.9916e+00  
1778 0.0000e+00 0.0000e+00 0.0000e+00 4.3816e+00 -1.8994e+01 3.8525e+00

806 1776 0.0000e+00 0.0000e+00 0.0000e+00 -2.2651e+00 -2.1295e+01 -6.2576e+00  
338 0.0000e+00 0.0000e+00 0.0000e+00 -8.8745e+00 -1.0670e+01 -5.5067e+00  
340 0.0000e+00 0.0000e+00 0.0000e+00 -9.0381e+00 -1.9179e+01 8.0595e-01  
1777 0.0000e+00 0.0000e+00 0.0000e+00 -6.3311e-01 -2.1467e+01 5.5064e-02

807 1775 0.0000e+00 0.0000e+00 0.0000e+00 -2.6066e+00 -1.8788e+01 -1.4094e+01  
336 0.0000e+00 0.0000e+00 0.0000e+00 -8.2136e+00 -6.7986e+00 -1.3917e+01  
338 0.0000e+00 0.0000e+00 0.0000e+00 -9.3931e+00 -1.8221e+01 -7.5610e+00  
1776 0.0000e+00 0.0000e+00 0.0000e+00 -1.0799e+00 -1.9231e+01 -7.7385e+00

808 1774 0.0000e+00 0.0000e+00 0.0000e+00 -2.6878e+00 -1.5915e+01 -2.2372e+01  
334 0.0000e+00 0.0000e+00 0.0000e+00 -7.7638e+00 -1.8482e+00 -2.1969e+01  
336 0.0000e+00 0.0000e+00 0.0000e+00 -8.7916e+00 -1.7067e+01 -1.5519e+01  
1775 0.0000e+00 0.0000e+00 0.0000e+00 -8.7305e-01 -1.6194e+01 -1.5922e+01

809 1773 0.0000e+00 0.0000e+00 0.0000e+00 -2.8361e+00 -1.2389e+01 -3.1226e+01  
332 0.0000e+00 0.0000e+00 0.0000e+00 -7.7499e+00 4.9880e+00 -3.0454e+01  
334 0.0000e+00 0.0000e+00 0.0000e+00 -8.5983e+00 -1.5787e+01 -2.3544e+01  
1774 0.0000e+00 0.0000e+00 0.0000e+00 -4.7874e-01 -1.2545e+01 -2.4316e+01

810 1772 0.0000e+00 0.0000e+00 0.0000e+00 -2.7809e+00 -7.5436e+00 -4.0810e+01  
330 0.0000e+00 0.0000e+00 0.0000e+00 -7.5285e+00 1.4619e+01 -3.9980e+01  
332 0.0000e+00 0.0000e+00 0.0000e+00 -8.9022e+00 -1.4342e+01 -3.2317e+01  
1773 0.0000e+00 0.0000e+00 0.0000e+00 2.1678e-01 -7.8534e+00 -3.3148e+01

811 1771 0.0000e+00 0.0000e+00 0.0000e+00 -1.1980e+00 3.6595e-01 -5.0013e+01  
328 0.0000e+00 0.0000e+00 0.0000e+00 -3.5348e+00 2.8846e+01 -5.0948e+01  
330 0.0000e+00 0.0000e+00 0.0000e+00 -8.8018e+00 -1.3236e+01 -4.2936e+01  
1772 0.0000e+00 0.0000e+00 0.0000e+00 2.2419e+00 -1.1438e+00 -4.2001e+01

812 1770 0.0000e+00 0.0000e+00 0.0000e+00 1.1391e+01 1.8698e+01 -5.1295e+01  
326 0.0000e+00 0.0000e+00 0.0000e+00 1.7009e+01 5.3251e+01 -6.2535e+01  
328 0.0000e+00 0.0000e+00 0.0000e+00 -3.7289e+00 -1.5376e+01 -5.7728e+01  
1771 0.0000e+00 0.0000e+00 0.0000e+00 1.0148e+01 9.3437e+00 -4.6488e+01

813 70 0.0000e+00 0.0000e+00 0.0000e+00 1.5177e+01 8.5847e+01 -4.7451e+00  
4 0.0000e+00 0.0000e+00 0.0000e+00 1.6400e+02 1.1054e+02 -6.0947e+01  
326 0.0000e+00 0.0000e+00 0.0000e+00 2.2972e+01 -3.5937e+01 -8.9763e+01  
1770 0.0000e+00 0.0000e+00 0.0000e+00 4.6303e+01 4.7695e+01 -3.3562e+01

814 1769 0.0000e+00 0.0000e+00 0.0000e+00 5.6068e+01 1.0290e+00 2.0103e+01  
233 0.0000e+00 0.0000e+00 0.0000e+00 1.5009e+01 -5.8798e+01 1.0148e+02  
3 0.0000e+00 0.0000e+00 0.0000e+00 2.0612e+02 4.5342e+01 5.3210e+01  
69 0.0000e+00 0.0000e+00 0.0000e+00 2.4105e+01 8.4259e+01 -2.8172e+01

815 1768 0.0000e+00 0.0000e+00 0.0000e+00 6.0547e+00 -3.3320e+01 3.4781e+01  
231 0.0000e+00 0.0000e+00 0.0000e+00 -1.6475e+01 -3.1411e+01 5.0274e+01  
233 0.0000e+00 0.0000e+00 0.0000e+00 5.4654e+00 -1.7981e+00 6.0460e+01

	1769	0.0000e+00	0.0000e+00	0.0000e+00	1.4411e+01	-2.0725e+01	4.4968e+01
816	1767	0.0000e+00	0.0000e+00	0.0000e+00	-2.9321e+00	-3.4737e+01	2.2609e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	-2.0787e+01	-2.2831e+01	2.4489e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	-1.8298e+01	-1.5377e+01	3.9714e+01
	1768	0.0000e+00	0.0000e+00	0.0000e+00	-1.7433e+00	-3.4612e+01	3.7834e+01
817	1766	0.0000e+00	0.0000e+00	0.0000e+00	-4.5643e+00	-3.3694e+01	4.6794e+00
	227	0.0000e+00	0.0000e+00	0.0000e+00	-1.9644e+01	-1.7334e+01	4.4903e+00
	229	0.0000e+00	0.0000e+00	0.0000e+00	-2.1040e+01	-2.0648e+01	1.9328e+01
	1767	0.0000e+00	0.0000e+00	0.0000e+00	-3.5387e+00	-3.4638e+01	1.9517e+01
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	-4.9435e+00	-3.1368e+01	-1.3659e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-1.8668e+01	-1.1016e+01	-1.3513e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-1.9959e+01	-2.3106e+01	7.9030e-01
	1766	0.0000e+00	0.0000e+00	0.0000e+00	-3.3669e+00	-3.2011e+01	6.4444e-01
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	-5.2335e+00	-2.7981e+01	-3.2381e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.8757e+01	-2.3863e+00	-3.1501e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-1.9464e+01	-2.4036e+01	-1.6948e+01
	1765	0.0000e+00	0.0000e+00	0.0000e+00	-2.8056e+00	-2.8209e+01	-1.7828e+01
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	-5.0640e+00	-2.2830e+01	-5.1886e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.8812e+01	9.8497e+00	-5.0882e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-2.0067e+01	-2.4007e+01	-3.5376e+01
	1764	0.0000e+00	0.0000e+00	0.0000e+00	-1.8452e+00	-2.3042e+01	-3.6381e+01
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	-2.0704e+00	-1.3113e+01	-7.0295e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-1.2280e+01	2.8488e+01	-7.2580e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-2.0178e+01	-2.4422e+01	-5.6739e+01
	1763	0.0000e+00	0.0000e+00	0.0000e+00	1.3577e+00	-1.5224e+01	-5.4453e+01
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	2.2094e+01	1.5574e+01	-7.3177e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	2.4210e+01	6.3125e+01	-9.4854e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-1.1432e+01	-3.0854e+01	-8.5583e+01
	1762	0.0000e+00	0.0000e+00	0.0000e+00	1.5345e+01	-2.2656e+00	-6.3906e+01
823	68	0.0000e+00	0.0000e+00	0.0000e+00	1.8556e+01	1.4684e+02	2.1158e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.1097e+02	1.5511e+02	-8.5876e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	3.6228e+01	-7.1106e+01	-1.4795e+02
	1761	0.0000e+00	0.0000e+00	0.0000e+00	8.3991e+01	6.4142e+01	-4.0920e+01
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	9.2209e+01	3.7722e+01	2.7406e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	3.6687e+01	-9.2804e+01	1.4082e+02
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.0748e+02	9.9032e+01	7.1225e+01
	68	0.0000e+00	0.0000e+00	0.0000e+00	2.3034e+01	1.2509e+02	-4.2186e+01
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	1.6932e+01	-3.5837e+01	5.1184e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-9.9269e+00	-5.2703e+01	7.8233e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	1.9876e+01	2.1093e+01	8.5980e+01
	1760	0.0000e+00	0.0000e+00	0.0000e+00	3.5217e+01	-1.3203e+01	5.8931e+01
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	4.1215e-01	-4.2830e+01	4.4695e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.8852e+01	-4.1926e+01	4.8485e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-1.2694e+01	-7.0178e+00	6.4075e+01
	1759	0.0000e+00	0.0000e+00	0.0000e+00	9.9071e-01	-4.1192e+01	6.0286e+01
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	-3.0447e+00	-4.5058e+01	2.7714e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-1.7035e+01	-3.5393e+01	2.6645e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.8716e+01	-2.1394e+01	4.1774e+01
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-3.2644e+00	-4.5767e+01	4.2843e+01
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	-3.5482e+00	-4.3675e+01	1.0558e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-1.3100e+01	-2.7668e+01	8.9639e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	-1.6458e+01	-3.0566e+01	2.2503e+01
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-3.0237e+00	-4.5023e+01	2.4097e+01
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	-3.3172e+00	-3.9244e+01	-5.3042e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-8.8632e+00	-1.6146e+01	-6.4618e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	-1.2888e+01	-3.6823e+01	5.7150e+00
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-1.3499e+00	-4.1123e+01	6.8726e+00
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	-2.3249e+00	-3.0901e+01	-1.9417e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-3.4671e+00	1.0035e+00	-2.0612e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-9.1496e+00	-4.0896e+01	-9.5940e+00
	1755	0.0000e+00	0.0000e+00	0.0000e+00	1.2327e+00	-3.3782e+01	-8.3988e+00
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	1.2547e+00	-1.6417e+01	-2.9987e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	7.7819e+00	2.6415e+01	-3.3862e+01

	105	0.0000e+00	0.0000e+00	0.0000e+00	-3.8583e+00	-4.3683e+01	-2.4698e+01
	1754	0.0000e+00	0.0000e+00	0.0000e+00	6.0055e+00	-2.1470e+01	-2.0822e+01
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	1.8072e+01	1.1425e+01	-2.8997e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	3.7473e+01	6.6761e+01	-4.5079e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	8.8399e+00	-4.8507e+01	-4.1420e+01
	1753	0.0000e+00	0.0000e+00	0.0000e+00	1.8115e+01	-1.4027e+00	-2.5338e+01
833	67	0.0000e+00	0.0000e+00	0.0000e+00	3.7571e+01	7.1714e+01	1.1423e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	1.7381e+02	1.4074e+02	-4.9241e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	4.7156e+01	-6.7757e+01	-7.0284e+01
	1752	0.0000e+00	0.0000e+00	0.0000e+00	5.6374e+01	4.8614e+01	-9.6197e+00
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	-7.3969e-01	6.5180e+01	1.1241e+02
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-5.6813e+01	-1.9026e+01	4.4189e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	4.3804e+01	-1.0678e+02	-1.5690e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	-2.3476e+02	-6.8510e+01	5.2527e+01
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	1.9667e+01	3.8995e+01	5.5264e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-5.9435e+00	3.6228e+01	4.3036e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-1.3689e+01	2.1041e+01	5.6999e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	3.5013e+00	-1.0285e+01	6.9227e+01
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.1082e+01	3.2867e+01	2.7056e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	2.2999e+00	3.9772e+01	2.6964e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	3.4279e+00	3.9620e+01	4.4840e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	1.9775e+01	9.9596e+00	4.4932e+01
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	1.8690e+01	2.7596e+01	4.9344e+00
	1748	0.0000e+00	0.0000e+00	0.0000e+00	3.8018e+00	4.1132e+01	5.9465e+00
	1749	0.0000e+00	0.0000e+00	0.0000e+00	4.0655e+00	4.1939e+01	2.2769e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.0406e+01	2.1066e+01	2.1756e+01
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	1.7425e+01	1.9910e+01	-1.5006e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	4.4132e+00	4.0232e+01	-1.4968e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	3.3425e+00	4.0684e+01	1.0945e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	1.8570e+01	2.8152e+01	1.0564e+00
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	1.8037e+01	8.4673e+00	-3.5140e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	5.1757e+00	3.7270e+01	-3.6429e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	2.4810e+00	3.7255e+01	-1.9930e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	1.8213e+01	3.2311e+01	-1.8642e+01
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	1.9649e+01	-7.8415e+00	-5.7355e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	5.7301e+00	3.1633e+01	-5.9460e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	1.4935e+00	3.1490e+01	-4.1379e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	1.9770e+01	3.3980e+01	-3.9274e+01
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	1.6249e+01	-3.1500e+01	-8.3101e+01
	1744	0.0000e+00	0.0000e+00	0.0000e+00	4.1627e+00	2.0693e+01	-8.2986e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	-1.3029e+00	2.2234e+01	-6.3427e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	2.1941e+01	3.4420e+01	-6.3542e+01
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	-1.0563e+01	-7.1509e+01	-1.1086e+02
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-2.1923e+01	-1.1827e+01	-9.2762e+01
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-1.4219e+01	8.7676e+00	-7.8091e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	1.7126e+01	3.8440e+01	-9.6190e+01
843	24	0.0000e+00	0.0000e+00	0.0000e+00	-3.5264e+02	-1.7389e+02	-9.1100e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	7.2707e+01	-1.6847e+02	3.8852e-01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-8.4301e+01	-8.3679e+01	-7.6532e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-1.6719e+01	7.9087e+01	-1.6802e+02
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	-1.6399e+01	1.0214e+02	1.5360e+02
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-9.2719e+01	-6.3092e+01	5.7139e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	6.8676e+01	-1.5487e+02	-2.8342e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	-3.4927e+02	-1.2777e+02	6.8114e+01
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	1.6461e+01	6.1451e+01	8.2951e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-1.6032e+01	4.1358e+01	6.0177e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-3.5679e+01	1.1716e+01	7.2197e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-4.3777e+00	-3.5422e+01	9.4971e+01
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	2.0604e+01	5.4734e+01	4.9621e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-3.9179e-01	4.9913e+01	4.8827e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	1.8732e+00	4.7791e+01	6.8107e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	1.6928e+01	-4.1059e-01	6.8901e+01
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	1.6238e+01	4.9429e+01	2.4823e+01

	1739	0.0000e+00	0.0000e+00	0.0000e+00	2.4376e+00	5.4792e+01	2.7636e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	4.4367e+00	5.5173e+01	4.5431e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	1.9238e+01	2.0498e+01	4.2618e+01
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	1.0850e+01	4.1212e+01	4.8291e+00
	1738	0.0000e+00	0.0000e+00	0.0000e+00	2.8148e+00	5.5205e+01	7.3896e+00
	1739	0.0000e+00	0.0000e+00	0.0000e+00	3.2944e+00	5.6326e+01	2.2945e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	1.4923e+01	3.5318e+01	2.0385e+01
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	5.9897e+00	2.7598e+01	-1.2536e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	2.8453e+00	5.1564e+01	-1.1127e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	1.0474e+00	5.3347e+01	2.7758e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	1.0293e+01	4.6033e+01	1.3668e+00
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	1.3332e+00	6.9032e+00	-2.8542e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	2.7038e+00	4.3043e+01	-2.8168e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	-1.6740e+00	4.5893e+01	-1.5301e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	6.3749e+00	5.3082e+01	-1.5675e+01
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	-5.7293e+00	-2.3020e+01	-4.3913e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	1.5717e+00	2.7748e+01	-4.3262e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-5.5590e+00	3.2675e+01	-3.1426e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.5589e+00	5.6811e+01	-3.2077e+01
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.9111e+01	-6.6892e+01	-5.7303e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-1.2527e+01	-3.5534e+00	-4.9933e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-1.4382e+01	1.2902e+01	-4.1948e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-4.1533e+00	5.8275e+01	-4.9318e+01
853	23	0.0000e+00	0.0000e+00	0.0000e+00	-1.5939e+02	-1.4243e+02	-5.1493e+01
	78	0.0000e+00	0.0000e+00	0.0000e+00	4.1581e+01	-8.1236e+01	-2.1868e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-4.4224e+01	-5.2390e+01	-4.8957e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-2.0922e+01	6.9756e+01	-7.8582e+01
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	1.6844e+02	1.8706e+01	-4.7672e+00
	90	0.0000e+00	0.0000e+00	0.0000e+00	7.6933e+01	-3.9201e+01	2.1364e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	3.0246e+02	5.4368e+01	2.6710e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	-3.1454e+00	3.2684e+01	-2.3460e+01
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	1.0125e+02	2.2230e+01	-7.5362e+00
	1733	0.0000e+00	0.0000e+00	0.0000e+00	1.0614e+02	-1.8470e+00	-1.2339e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	2.1137e+02	3.9282e+01	-1.4950e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.3889e+01	2.0265e+01	-1.0147e+01
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	5.2463e+01	1.7739e+01	6.6085e-01
	1732	0.0000e+00	0.0000e+00	0.0000e+00	6.2702e+01	-5.5682e+00	-4.3924e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	1.4693e+02	2.8739e+01	-8.0221e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	-4.2192e+01	1.2465e+01	-2.9689e+00
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	1.0376e+01	1.4445e+01	5.3491e+00
	1731	0.0000e+00	0.0000e+00	0.0000e+00	1.9503e+01	-6.2946e+00	2.3417e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	9.4612e+01	2.0647e+01	-1.8679e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	-7.0941e+01	8.0643e+00	1.1395e+00
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	-2.6592e+01	1.2231e+01	7.7204e+00
	1730	0.0000e+00	0.0000e+00	0.0000e+00	-1.8647e+01	-6.4599e+00	6.1755e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	4.9903e+01	1.5611e+01	1.8170e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	-9.8330e+01	5.3669e+00	3.3618e+00
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	-5.9915e+01	1.0598e+01	8.4828e+00
	1729	0.0000e+00	0.0000e+00	0.0000e+00	-5.2649e+01	-6.3967e+00	8.0086e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	1.0458e+01	1.2325e+01	3.7702e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.2400e+02	3.5437e+00	4.2444e+00
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	-9.0591e+01	9.0888e+00	7.6571e+00
	1728	0.0000e+00	0.0000e+00	0.0000e+00	-8.3559e+01	-6.3832e+00	8.2602e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	-2.5015e+01	9.9400e+00	4.5237e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.4789e+02	1.7086e+00	3.9206e+00
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	-1.1881e+02	7.1812e+00	4.7634e+00
	1727	0.0000e+00	0.0000e+00	0.0000e+00	-1.1236e+02	-6.8011e+00	6.6699e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	-5.6768e+01	7.4079e+00	4.1638e+00
	119	0.0000e+00	0.0000e+00	0.0000e+00	-1.7047e+02	-1.7181e+00	2.2573e+00
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	-1.3787e+02	1.7942e+00	2.2745e+00
	1726	0.0000e+00	0.0000e+00	0.0000e+00	-1.3945e+02	-7.6127e+00	2.4667e+00
	119	0.0000e+00	0.0000e+00	0.0000e+00	-8.2587e+01	2.6146e+00	1.8693e+00
	99	0.0000e+00	0.0000e+00	0.0000e+00	-1.9433e+02	-5.6345e+00	1.6770e+00



863 89 0.0000e+00 0.0000e+00 0.0000e+00 -6.3462e+01 3.9456e+01 4.8316e+01  
1725 0.0000e+00 0.0000e+00 0.0000e+00 -1.7572e+02 1.6764e+00 1.1584e+01  
99 0.0000e+00 0.0000e+00 0.0000e+00 -8.6239e+01 -6.3864e+00 -3.2681e+00  
1 0.0000e+00 0.0000e+00 0.0000e+00 -2.2877e+02 -1.5386e+01 3.3464e+01

864 773 0.0000e+00 0.0000e+00 0.0000e+00 3.1034e+00 -3.2685e+01 -2.3473e+01  
22 0.0000e+00 0.0000e+00 0.0000e+00 -3.0250e+02 -5.4375e+01 2.6514e+00  
96 0.0000e+00 0.0000e+00 0.0000e+00 -7.6981e+01 3.9201e+01 2.1342e+01  
1724 0.0000e+00 0.0000e+00 0.0000e+00 -1.6849e+02 -1.8707e+01 -4.7822e+00

865 763 0.0000e+00 0.0000e+00 0.0000e+00 1.3849e+01 -2.0268e+01 -1.0157e+01  
773 0.0000e+00 0.0000e+00 0.0000e+00 -2.1141e+02 -3.9284e+01 -1.4963e+01  
1724 0.0000e+00 0.0000e+00 0.0000e+00 -1.0619e+02 1.8462e+00 -1.2352e+01  
1723 0.0000e+00 0.0000e+00 0.0000e+00 -1.0130e+02 -2.2231e+01 -7.5453e+00

866 753 0.0000e+00 0.0000e+00 0.0000e+00 4.2155e+01 -1.2468e+01 -2.9729e+00  
763 0.0000e+00 0.0000e+00 0.0000e+00 -1.4697e+02 -2.8741e+01 -8.0301e+00  
1723 0.0000e+00 0.0000e+00 0.0000e+00 -6.2746e+01 5.5680e+00 -4.4001e+00  
1722 0.0000e+00 0.0000e+00 0.0000e+00 -5.2506e+01 -1.7740e+01 6.5710e-01

867 743 0.0000e+00 0.0000e+00 0.0000e+00 7.0908e+01 -8.0659e+00 1.1407e+00  
753 0.0000e+00 0.0000e+00 0.0000e+00 -9.4655e+01 -2.0650e+01 -1.8705e+00  
1722 0.0000e+00 0.0000e+00 0.0000e+00 -1.9546e+01 6.2948e+00 2.3391e+00  
1721 0.0000e+00 0.0000e+00 0.0000e+00 -1.0418e+01 -1.4446e+01 5.3503e+00

868 733 0.0000e+00 0.0000e+00 0.0000e+00 9.8302e+01 -5.3669e+00 3.3677e+00  
743 0.0000e+00 0.0000e+00 0.0000e+00 -4.9946e+01 -1.5613e+01 1.8194e+00  
1721 0.0000e+00 0.0000e+00 0.0000e+00 1.8607e+01 6.4606e+00 6.1778e+00  
1720 0.0000e+00 0.0000e+00 0.0000e+00 2.6553e+01 -1.2232e+01 7.7262e+00

869 723 0.0000e+00 0.0000e+00 0.0000e+00 1.2398e+02 -3.5414e+00 4.2543e+00  
733 0.0000e+00 0.0000e+00 0.0000e+00 -1.0500e+01 -1.2326e+01 3.7772e+00  
1720 0.0000e+00 0.0000e+00 0.0000e+00 5.2614e+01 6.3983e+00 8.0154e+00  
1719 0.0000e+00 0.0000e+00 0.0000e+00 5.9881e+01 -1.0599e+01 8.4925e+00

870 713 0.0000e+00 0.0000e+00 0.0000e+00 1.4788e+02 -1.7032e+00 3.9338e+00  
723 0.0000e+00 0.0000e+00 0.0000e+00 2.4974e+01 -9.9385e+00 4.5345e+00  
1719 0.0000e+00 0.0000e+00 0.0000e+00 8.3530e+01 6.3860e+00 8.2709e+00  
1718 0.0000e+00 0.0000e+00 0.0000e+00 9.0563e+01 -9.0897e+00 7.6702e+00

871 703 0.0000e+00 0.0000e+00 0.0000e+00 1.7047e+02 1.7271e+00 2.2725e+00  
713 0.0000e+00 0.0000e+00 0.0000e+00 5.6729e+01 -7.4039e+00 4.1774e+00  
1718 0.0000e+00 0.0000e+00 0.0000e+00 1.1234e+02 6.8055e+00 6.6837e+00  
1717 0.0000e+00 0.0000e+00 0.0000e+00 1.1879e+02 -7.1821e+00 4.7788e+00

872 693 0.0000e+00 0.0000e+00 0.0000e+00 1.9436e+02 5.6483e+00 1.6928e+00  
703 0.0000e+00 0.0000e+00 0.0000e+00 8.2551e+01 -2.6077e+00 1.8849e+00  
1717 0.0000e+00 0.0000e+00 0.0000e+00 1.3944e+02 7.6193e+00 2.4825e+00  
1716 0.0000e+00 0.0000e+00 0.0000e+00 1.3786e+02 -1.7948e+00 2.2904e+00

873 11 0.0000e+00 0.0000e+00 0.0000e+00 2.2882e+02 1.5418e+01 3.3472e+01  
693 0.0000e+00 0.0000e+00 0.0000e+00 8.6210e+01 6.3967e+00 -3.2505e+00  
1716 0.0000e+00 0.0000e+00 0.0000e+00 1.7573e+02 -1.6640e+00 1.1599e+01  
95 0.0000e+00 0.0000e+00 0.0000e+00 6.3494e+01 -3.9459e+01 4.8321e+01

874 1506 0.0000e+00 0.0000e+00 0.0000e+00 -8.5474e+01 6.0760e+00 -1.8570e+01  
33 0.0000e+00 0.0000e+00 0.0000e+00 -2.0647e+02 9.4905e+00 1.6857e+01  
97 0.0000e+00 0.0000e+00 0.0000e+00 -6.1562e+01 3.1230e+01 3.1722e+01  
1715 0.0000e+00 0.0000e+00 0.0000e+00 -1.5697e+02 5.9513e+00 -3.7044e+00

875 1496 0.0000e+00 0.0000e+00 0.0000e+00 -7.0465e+01 1.1927e+01 -1.5506e+01  
1506 0.0000e+00 0.0000e+00 0.0000e+00 -1.8371e+02 5.7437e+00 -1.4090e+01  
1715 0.0000e+00 0.0000e+00 0.0000e+00 -1.2563e+02 6.2698e+00 -1.1501e+01  
1714 0.0000e+00 0.0000e+00 0.0000e+00 -1.2561e+02 -4.9107e+00 -1.2917e+01

876 1486 0.0000e+00 0.0000e+00 0.0000e+00 -3.6410e+01 1.4865e+01 -1.5942e+01  
1496 0.0000e+00 0.0000e+00 0.0000e+00 -1.6375e+02 6.5516e+00 -1.5667e+01  
1714 0.0000e+00 0.0000e+00 0.0000e+00 -1.0389e+02 1.0455e+01 -1.1673e+01  
1713 0.0000e+00 0.0000e+00 0.0000e+00 -9.5704e+01 -5.5690e+00 -1.1947e+01

877 1476 0.0000e+00 0.0000e+00 0.0000e+00 3.4615e+00 1.6908e+01 -1.8906e+01  
1486 0.0000e+00 0.0000e+00 0.0000e+00 -1.4076e+02 7.9715e+00 -1.6776e+01  
1713 0.0000e+00 0.0000e+00 0.0000e+00 -7.1129e+01 1.2455e+01 -1.1934e+01  
1712 0.0000e+00 0.0000e+00 0.0000e+00 -6.1754e+01 -5.8274e+00 -1.4064e+01

878 1466 0.0000e+00 0.0000e+00 0.0000e+00 4.7134e+01 2.0735e+01 -2.3781e+01  
1476 0.0000e+00 0.0000e+00 0.0000e+00 -1.1400e+02 9.3419e+00 -1.9770e+01  
1712 0.0000e+00 0.0000e+00 0.0000e+00 -3.3988e+01 1.4448e+01 -1.5273e+01

1711 0.0000e+00 0.0000e+00 0.0000e+00 -2.4570e+01 -5.6248e+00 -1.9284e+01

879 1456 0.0000e+00 0.0000e+00 0.0000e+00 9.6751e+01 2.5915e+01 -2.8028e+01  
1466 0.0000e+00 0.0000e+00 0.0000e+00 -8.6475e+01 1.3326e+01 -2.5456e+01  
1711 0.0000e+00 0.0000e+00 0.0000e+00 7.2462e+00 1.6395e+01 -2.1444e+01  
1710 0.0000e+00 0.0000e+00 0.0000e+00 8.3614e+00 -3.9359e+00 -2.4017e+01

880 22 0.0000e+00 0.0000e+00 0.0000e+00 1.6276e+02 1.2563e+01 -3.7365e-01  
1456 0.0000e+00 0.0000e+00 0.0000e+00 -7.5053e+01 2.1379e+01 -3.8191e+01  
1710 0.0000e+00 0.0000e+00 0.0000e+00 5.6123e+01 6.0555e+00 -1.5597e+01  
96 0.0000e+00 0.0000e+00 0.0000e+00 -4.6788e+01 -2.8739e+01 2.2220e+01

881 1709 0.0000e+00 0.0000e+00 0.0000e+00 1.5703e+02 -5.9264e+00 -3.6686e+00  
91 0.0000e+00 0.0000e+00 0.0000e+00 6.1624e+01 -3.1250e+01 3.1749e+01  
23 0.0000e+00 0.0000e+00 0.0000e+00 2.0662e+02 -9.4135e+00 1.6882e+01  
1133 0.0000e+00 0.0000e+00 0.0000e+00 8.5429e+01 -6.0429e+00 -1.8535e+01

882 1708 0.0000e+00 0.0000e+00 0.0000e+00 1.2563e+02 4.9275e+00 -1.2881e+01  
1709 0.0000e+00 0.0000e+00 0.0000e+00 1.2565e+02 -6.2675e+00 -1.1467e+01  
1133 0.0000e+00 0.0000e+00 0.0000e+00 1.8379e+02 -5.7047e+00 -1.4056e+01  
1122 0.0000e+00 0.0000e+00 0.0000e+00 7.0415e+01 -1.1903e+01 -1.5470e+01

883 1707 0.0000e+00 0.0000e+00 0.0000e+00 9.5693e+01 5.5805e+00 -1.1910e+01  
1708 0.0000e+00 0.0000e+00 0.0000e+00 1.0388e+02 -1.0455e+01 -1.1635e+01  
1122 0.0000e+00 0.0000e+00 0.0000e+00 1.6379e+02 -6.5236e+00 -1.5630e+01  
1111 0.0000e+00 0.0000e+00 0.0000e+00 3.6355e+01 -1.4848e+01 -1.5905e+01

884 1706 0.0000e+00 0.0000e+00 0.0000e+00 6.1726e+01 5.8350e+00 -1.4028e+01  
1707 0.0000e+00 0.0000e+00 0.0000e+00 7.1104e+01 -1.2454e+01 -1.1897e+01  
1111 0.0000e+00 0.0000e+00 0.0000e+00 1.4076e+02 -7.9520e+00 -1.6738e+01  
1100 0.0000e+00 0.0000e+00 0.0000e+00 -3.5163e+00 -1.6897e+01 -1.8870e+01

885 1705 0.0000e+00 0.0000e+00 0.0000e+00 2.4531e+01 5.6292e+00 -1.9252e+01  
1706 0.0000e+00 0.0000e+00 0.0000e+00 3.3951e+01 -1.4448e+01 -1.5238e+01  
1100 0.0000e+00 0.0000e+00 0.0000e+00 1.1399e+02 -9.3292e+00 -1.9734e+01  
1089 0.0000e+00 0.0000e+00 0.0000e+00 -4.7186e+01 -2.0729e+01 -2.3747e+01

886 1704 0.0000e+00 0.0000e+00 0.0000e+00 -8.4062e+00 3.9374e+00 -2.3988e+01  
1705 0.0000e+00 0.0000e+00 0.0000e+00 -7.2902e+00 -1.6395e+01 -2.1413e+01  
1089 0.0000e+00 0.0000e+00 0.0000e+00 8.6442e+01 -1.3319e+01 -2.5422e+01  
1078 0.0000e+00 0.0000e+00 0.0000e+00 -9.6801e+01 -2.5913e+01 -2.7998e+01

887 90 0.0000e+00 0.0000e+00 0.0000e+00 4.6739e+01 2.8740e+01 2.2242e+01  
1704 0.0000e+00 0.0000e+00 0.0000e+00 -5.6171e+01 -6.0568e+00 -1.5570e+01  
1078 0.0000e+00 0.0000e+00 0.0000e+00 7.5013e+01 -2.1377e+01 -3.8161e+01  
12 0.0000e+00 0.0000e+00 0.0000e+00 -1.6281e+02 -1.2570e+01 -3.4854e-01

888 33 0.0000e+00 0.0000e+00 0.0000e+00 1.4960e+02 7.4481e+01 4.9786e+00  
88 0.0000e+00 0.0000e+00 0.0000e+00 -3.1227e+01 8.0635e+01 -3.2879e+01  
94 0.0000e+00 0.0000e+00 0.0000e+00 5.2487e+01 3.0468e+01 -3.1714e+00  
97 0.0000e+00 0.0000e+00 0.0000e+00 -9.8286e+00 -2.2794e+01 3.4686e+01

889 77 0.0000e+00 0.0000e+00 0.0000e+00 -4.6942e+01 -5.8369e+01 -4.0642e+01  
11 0.0000e+00 0.0000e+00 0.0000e+00 -1.6527e+02 -6.0866e+01 2.6870e+01  
95 0.0000e+00 0.0000e+00 0.0000e+00 -1.1868e+01 2.7048e+01 4.7677e+01  
98 0.0000e+00 0.0000e+00 0.0000e+00 -6.5321e+01 -1.7064e+01 -1.9835e+01

890 91 0.0000e+00 0.0000e+00 0.0000e+00 9.8929e+00 2.2788e+01 3.4714e+01  
93 0.0000e+00 0.0000e+00 0.0000e+00 -5.2471e+01 -3.0447e+01 -3.1606e+00  
78 0.0000e+00 0.0000e+00 0.0000e+00 3.1222e+01 -8.0585e+01 -3.2864e+01  
23 0.0000e+00 0.0000e+00 0.0000e+00 -1.4955e+02 -7.4412e+01 5.0099e+00

891 92 0.0000e+00 0.0000e+00 0.0000e+00 6.5345e+01 1.7072e+01 -1.9853e+01  
89 0.0000e+00 0.0000e+00 0.0000e+00 1.1920e+01 -2.7056e+01 4.7670e+01  
1 0.0000e+00 0.0000e+00 0.0000e+00 1.6533e+02 6.0908e+01 2.6859e+01  
67 0.0000e+00 0.0000e+00 0.0000e+00 4.6977e+01 5.8402e+01 -4.0664e+01

892 1696 0.0000e+00 0.0000e+00 0.0000e+00 -6.9893e+01 1.6625e+01 -1.2807e+01  
1703 0.0000e+00 0.0000e+00 0.0000e+00 -5.0838e+01 1.7478e+01 -4.5275e+01  
29 0.0000e+00 0.0000e+00 0.0000e+00 -1.3113e+02 2.0904e+01 -2.6160e+01  
1352 0.0000e+00 0.0000e+00 0.0000e+00 -5.5017e+01 -1.6190e+01 6.3079e+00

893 1695 0.0000e+00 0.0000e+00 0.0000e+00 -3.8892e+01 1.5831e+01 -1.6235e+01  
1702 0.0000e+00 0.0000e+00 0.0000e+00 -3.0956e+01 2.3968e+00 -3.1376e+01  
1703 0.0000e+00 0.0000e+00 0.0000e+00 -4.1526e+01 2.2779e+01 -3.2352e+01  
1696 0.0000e+00 0.0000e+00 0.0000e+00 -5.8827e+01 1.1283e+01 -1.7212e+01

894 1694 0.0000e+00 0.0000e+00 0.0000e+00 -2.4797e+01 7.8438e+00 -1.7656e+01  
1701 0.0000e+00 0.0000e+00 0.0000e+00 -2.1200e+01 -3.4572e+00 -2.5684e+01

1702 0.0000e+00 0.0000e+00 0.0000e+00 -2.6005e+01 1.6573e+01 -2.7904e+01  
1695 0.0000e+00 0.0000e+00 0.0000e+00 -3.6166e+01 9.6809e+00 -1.9877e+01

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1700 0.0000e+00 0.0000e+00 0.0000e+00 -1.5762e+01 -7.9491e+00 -2.1849e+01  
1701 0.0000e+00 0.0000e+00 0.0000e+00 -1.8035e+01 1.0475e+01 -2.3789e+01  
1694 0.0000e+00 0.0000e+00 0.0000e+00 -2.4731e+01 4.4252e+00 -1.8776e+01

896 1692 0.0000e+00 0.0000e+00 0.0000e+00 -1.1723e+01 -3.0226e+00 -1.5571e+01  
1699 0.0000e+00 0.0000e+00 0.0000e+00 -1.2719e+01 -1.2121e+01 -1.8952e+01  
1700 0.0000e+00 0.0000e+00 0.0000e+00 -1.3586e+01 5.3481e+00 -2.0551e+01  
1693 0.0000e+00 0.0000e+00 0.0000e+00 -1.7669e+01 -5.7580e-01 -1.7170e+01

897 1691 0.0000e+00 0.0000e+00 0.0000e+00 -7.6916e+00 -7.4282e+00 -1.3984e+01  
1698 0.0000e+00 0.0000e+00 0.0000e+00 -1.1347e+01 -1.6608e+01 -1.6467e+01  
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1692 0.0000e+00 0.0000e+00 0.0000e+00 -1.2881e+01 -5.1149e+00 -1.5431e+01

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1698 0.0000e+00 0.0000e+00 0.0000e+00 -1.0176e+01 -1.9107e+00 -1.5617e+01  
1691 0.0000e+00 0.0000e+00 0.0000e+00 -8.8961e+00 -9.5819e+00 -1.3105e+01

899 1647 0.0000e+00 0.0000e+00 0.0000e+00 5.4048e+00 -3.4604e+00 -1.0174e+00  
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1690 0.0000e+00 0.0000e+00 0.0000e+00 -2.4406e+00 -1.4978e+01 -8.5101e+00

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1341 0.0000e+00 0.0000e+00 0.0000e+00 -4.0557e+01 -6.7197e+00 -2.9104e+00

901 1688 0.0000e+00 0.0000e+00 0.0000e+00 -3.5500e+01 9.6740e+00 -7.5948e+00  
1695 0.0000e+00 0.0000e+00 0.0000e+00 -3.8196e+01 1.2597e+01 -1.5293e+01  
1696 0.0000e+00 0.0000e+00 0.0000e+00 -4.9408e+01 1.1965e+01 -9.7013e+00  
1689 0.0000e+00 0.0000e+00 0.0000e+00 -3.9799e+01 3.7866e+00 -2.0030e+00

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1688 0.0000e+00 0.0000e+00 0.0000e+00 -3.1430e+01 6.7283e+00 -8.4085e+00

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1687 0.0000e+00 0.0000e+00 0.0000e+00 -2.2819e+01 3.9543e+00 -1.1261e+01

904 1685 0.0000e+00 0.0000e+00 0.0000e+00 -1.1555e+01 -2.1258e+00 -1.1730e+01  
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1693 0.0000e+00 0.0000e+00 0.0000e+00 -1.7056e+01 -1.1499e+00 -1.6247e+01  
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1691 0.0000e+00 0.0000e+00 0.0000e+00 -7.7071e+00 -5.6615e+00 -1.4202e+01  
1692 0.0000e+00 0.0000e+00 0.0000e+00 -1.1592e+01 -5.6032e+00 -1.5202e+01  
1685 0.0000e+00 0.0000e+00 0.0000e+00 -9.5877e+00 -3.9031e+00 -1.1622e+01

906 1683 0.0000e+00 0.0000e+00 0.0000e+00 -1.8865e+00 -6.0732e+00 -7.5237e+00  
1690 0.0000e+00 0.0000e+00 0.0000e+00 -2.4687e+00 -8.2333e+00 -1.0858e+01  
1691 0.0000e+00 0.0000e+00 0.0000e+00 -6.9592e+00 -9.6193e+00 -1.3340e+01  
1684 0.0000e+00 0.0000e+00 0.0000e+00 -4.1143e+00 -6.8527e+00 -1.0005e+01

907 1639 0.0000e+00 0.0000e+00 0.0000e+00 4.8153e-01 -1.7460e+00 -4.4825e+00  
1647 0.0000e+00 0.0000e+00 0.0000e+00 -1.4178e+00 -1.4130e+00 -4.9765e+00  
1690 0.0000e+00 0.0000e+00 0.0000e+00 -1.6786e+00 -1.1654e+01 -7.6809e+00  
1683 0.0000e+00 0.0000e+00 0.0000e+00 -2.5306e-01 -5.9517e+00 -7.1869e+00

908 1682 0.0000e+00 0.0000e+00 0.0000e+00 -2.4991e+01 1.7494e+00 -9.5698e-01  
1689 0.0000e+00 0.0000e+00 0.0000e+00 -3.6661e+01 1.6042e+00 -1.3737e+00  
1341 0.0000e+00 0.0000e+00 0.0000e+00 -3.6058e+01 -4.4608e+00 -2.9563e+00  
1330 0.0000e+00 0.0000e+00 0.0000e+00 -2.6433e+01 -1.4641e+00 -2.5396e+00

909 1681 0.0000e+00 0.0000e+00 0.0000e+00 -2.2721e+01 4.6419e+00 -1.3554e+00  
1688 0.0000e+00 0.0000e+00 0.0000e+00 -3.1059e+01 7.1505e+00 -4.2397e+00  
1689 0.0000e+00 0.0000e+00 0.0000e+00 -3.4062e+01 4.5901e+00 -2.0376e+00  
1682 0.0000e+00 0.0000e+00 0.0000e+00 -2.5529e+01 2.7268e+00 8.4666e-01

910 1680 0.0000e+00 0.0000e+00 0.0000e+00 -1.8156e+01 3.6545e+00 -3.7499e+00

	1687	0.0000e+00	0.0000e+00	0.0000e+00	-2.3188e+01	5.3243e+00	-8.3172e+00
	1688	0.0000e+00	0.0000e+00	0.0000e+00	-2.8960e+01	7.0539e+00	-5.6402e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-2.1586e+01	3.4090e+00	-1.0729e+00
911	1679	0.0000e+00	0.0000e+00	0.0000e+00	-1.3046e+01	9.1376e-01	-5.8626e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	-1.6212e+01	1.6217e+00	-1.0160e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	-2.1486e+01	4.1685e+00	-8.5135e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-1.6430e+01	1.6079e+00	-4.2162e+00
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	-8.3681e+00	-1.8592e+00	-6.7197e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	-1.0437e+01	-2.0903e+00	-1.0425e+01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	-1.4869e+01	2.3985e-01	-9.9069e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	-1.1402e+01	-1.0207e+00	-6.2012e+00
913	1677	0.0000e+00	0.0000e+00	0.0000e+00	-4.3412e+00	-3.7118e+00	-6.1800e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	-5.5495e+00	-4.9787e+00	-9.3261e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	-9.3431e+00	-3.2976e+00	-9.8876e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	-6.8863e+00	-3.4497e+00	-6.7415e+00
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	-1.3602e+00	-3.5643e+00	-4.6518e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	-1.9857e+00	-5.4887e+00	-6.8268e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	-4.6075e+00	-5.5573e+00	-8.2374e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	-3.1205e+00	-4.6810e+00	-6.0625e+00
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	1.3015e-01	-6.8691e-01	-3.6478e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	-6.9290e-01	-1.3059e+00	-4.2746e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	-9.8443e-01	-4.6550e+00	-5.2685e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	-8.4116e-01	-3.3007e+00	-4.6418e+00
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	-1.1745e+01	5.0191e+00	1.2131e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-2.2884e+01	3.4174e+00	2.8093e-01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	-2.3021e+01	7.8309e-01	-2.4811e+00
	1319	0.0000e+00	0.0000e+00	0.0000e+00	-1.3486e+01	4.6647e+00	-1.5489e+00
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	-9.9655e+00	2.3985e+00	2.2228e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-1.9386e+01	4.2271e+00	2.5294e-01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-2.0852e+01	3.6533e+00	1.0909e+00
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-1.2468e+01	3.8182e+00	3.0608e+00
918	1673	0.0000e+00	0.0000e+00	0.0000e+00	-8.6063e+00	4.9164e-01	-3.5195e-01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-1.4938e+01	2.4775e+00	-2.4635e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-1.7839e+01	3.8338e+00	-1.9554e-02
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-9.9594e+00	9.6768e-01	2.0920e+00
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	-6.9459e+00	-9.8248e-01	-2.6703e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	-1.0743e+01	4.2665e-02	-4.8009e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-1.4006e+01	1.9238e+00	-2.8647e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-7.9753e+00	-8.9517e-01	-7.3400e-01
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	-4.7848e+00	-2.3070e+00	-3.6178e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	-6.9718e+00	-2.2264e+00	-5.7742e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	-1.0040e+01	-6.1761e-01	-4.9338e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	-6.0613e+00	-2.2055e+00	-2.7774e+00
921	1670	0.0000e+00	0.0000e+00	0.0000e+00	-2.5092e+00	-3.1694e+00	-3.5237e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	-3.6991e+00	-3.6908e+00	-5.4911e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	-6.2769e+00	-2.8582e+00	-5.5264e+00
	1671	0.0000e+00	0.0000e+00	0.0000e+00	-3.8954e+00	-3.3095e+00	-3.5590e+00
922	1669	0.0000e+00	0.0000e+00	0.0000e+00	-7.8613e-01	-2.7482e+00	-3.1213e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	-1.4022e+00	-3.3450e+00	-4.4237e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	-3.0028e+00	-3.9474e+00	-4.8485e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	-1.8094e+00	-3.7008e+00	-3.5461e+00
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	-7.6722e-02	-4.5061e-01	-3.0745e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	-3.0549e-01	-6.0038e-01	-3.4758e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	-7.5575e-01	-2.8046e+00	-3.7130e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	-4.3505e-01	-2.4835e+00	-3.3116e+00
924	1668	0.0000e+00	0.0000e+00	0.0000e+00	4.0034e+00	9.6250e+00	3.7583e+00
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-1.0003e+01	7.3252e+00	2.2627e+00
	1319	0.0000e+00	0.0000e+00	0.0000e+00	-1.0613e+01	7.5564e+00	-1.8336e+00
	1308	0.0000e+00	0.0000e+00	0.0000e+00	1.6000e+00	1.3389e+01	-3.3802e-01
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	3.3391e+00	-9.7910e-01	3.3820e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-6.4364e+00	2.0363e+00	2.1815e+00
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-7.3589e+00	4.9900e+00	3.9186e+00
	1668	0.0000e+00	0.0000e+00	0.0000e+00	1.8429e+00	4.5567e+00	5.1191e+00

926 1666 0.0000e+00 0.0000e+00 0.0000e+00 -1.3381e-02 -2.3478e+00 -9.9054e-01  
1673 0.0000e+00 0.0000e+00 0.0000e+00 -5.2183e+00 -8.3169e-01 -1.3582e-01  
1674 0.0000e+00 0.0000e+00 0.0000e+00 -5.9978e+00 1.5904e+00 2.5747e+00  
1667 0.0000e+00 0.0000e+00 0.0000e+00 2.4882e+00 -2.2747e+00 1.7200e+00

927 1665 0.0000e+00 0.0000e+00 0.0000e+00 -1.8583e+00 -2.4316e+00 -2.4595e+00  
1672 0.0000e+00 0.0000e+00 0.0000e+00 -4.6879e+00 -1.9354e+00 -2.1363e+00  
1673 0.0000e+00 0.0000e+00 0.0000e+00 -5.5336e+00 -4.4832e-01 -6.3675e-01  
1666 0.0000e+00 0.0000e+00 0.0000e+00 -3.6147e-01 -2.9292e+00 -9.5990e-01

928 1664 0.0000e+00 0.0000e+00 0.0000e+00 -2.0517e+00 -2.6014e+00 -2.5040e+00  
1671 0.0000e+00 0.0000e+00 0.0000e+00 -3.5498e+00 -2.7616e+00 -2.9853e+00  
1672 0.0000e+00 0.0000e+00 0.0000e+00 -4.7799e+00 -1.7444e+00 -2.5246e+00  
1665 0.0000e+00 0.0000e+00 0.0000e+00 -1.7913e+00 -2.8192e+00 -2.0434e+00

929 1663 0.0000e+00 0.0000e+00 0.0000e+00 -1.1606e+00 -3.0913e+00 -2.0804e+00  
1670 0.0000e+00 0.0000e+00 0.0000e+00 -1.9877e+00 -3.3124e+00 -3.0355e+00  
1671 0.0000e+00 0.0000e+00 0.0000e+00 -3.2798e+00 -2.8513e+00 -3.0405e+00  
1664 0.0000e+00 0.0000e+00 0.0000e+00 -1.7929e+00 -3.0625e+00 -2.0854e+00

930 1662 0.0000e+00 0.0000e+00 0.0000e+00 -8.0904e-02 -3.1133e+00 -2.1515e+00  
1669 0.0000e+00 0.0000e+00 0.0000e+00 -6.2518e-01 -2.8102e+00 -2.9872e+00  
1670 0.0000e+00 0.0000e+00 0.0000e+00 -1.4776e+00 -3.3794e+00 -2.8333e+00  
1663 0.0000e+00 0.0000e+00 0.0000e+00 -9.1229e-01 -3.3817e+00 -1.9976e+00

931 1615 0.0000e+00 0.0000e+00 0.0000e+00 -2.0352e-01 -8.0042e-01 -3.0435e+00  
1623 0.0000e+00 0.0000e+00 0.0000e+00 2.3434e-02 -6.1701e-01 -3.0234e+00  
1669 0.0000e+00 0.0000e+00 0.0000e+00 -2.2163e-01 -2.3222e+00 -2.6967e+00  
1662 0.0000e+00 0.0000e+00 0.0000e+00 8.1955e-02 -2.7874e+00 -2.7167e+00

932 1661 0.0000e+00 0.0000e+00 0.0000e+00 3.0853e+01 1.5969e+01 6.0168e+00  
1668 0.0000e+00 0.0000e+00 0.0000e+00 5.0791e+00 1.2795e+01 4.5629e+00  
1308 0.0000e+00 0.0000e+00 0.0000e+00 4.4512e+00 1.8068e+01 -1.0442e+00  
1297 0.0000e+00 0.0000e+00 0.0000e+00 2.8552e+01 2.6026e+01 4.0971e-01

933 1660 0.0000e+00 0.0000e+00 0.0000e+00 1.2903e+01 -4.5234e+00 -4.8228e+00  
1667 0.0000e+00 0.0000e+00 0.0000e+00 8.5590e+00 -4.2614e+00 9.1327e-01  
1668 0.0000e+00 0.0000e+00 0.0000e+00 1.0828e+01 6.0263e+00 7.8764e+00  
1661 0.0000e+00 0.0000e+00 0.0000e+00 2.2191e+01 -7.5356e+00 2.1404e+00

934 1659 0.0000e+00 0.0000e+00 0.0000e+00 3.9616e+00 -3.7459e+00 -6.3897e+00  
1666 0.0000e+00 0.0000e+00 0.0000e+00 2.8752e+00 -3.8211e+00 -1.5244e+00  
1667 0.0000e+00 0.0000e+00 0.0000e+00 5.2409e+00 -1.4988e+00 5.0328e-02  
1660 0.0000e+00 0.0000e+00 0.0000e+00 1.1399e+01 -4.7003e+00 -4.8150e+00

935 1658 0.0000e+00 0.0000e+00 0.0000e+00 -1.8411e-02 -2.3107e+00 -4.5045e+00  
1665 0.0000e+00 0.0000e+00 0.0000e+00 -5.7675e-01 -2.9821e+00 -2.3058e+00  
1666 0.0000e+00 0.0000e+00 0.0000e+00 1.1294e+00 -2.3984e+00 -2.5045e+00  
1659 0.0000e+00 0.0000e+00 0.0000e+00 2.7053e+00 -2.6753e+00 -4.7032e+00

936 1657 0.0000e+00 0.0000e+00 0.0000e+00 -1.4197e+00 -1.8936e+00 -2.7162e+00  
1664 0.0000e+00 0.0000e+00 0.0000e+00 -1.5854e+00 -2.7392e+00 -2.1125e+00  
1665 0.0000e+00 0.0000e+00 0.0000e+00 -1.2308e+00 -2.3261e+00 -2.7798e+00  
1658 0.0000e+00 0.0000e+00 0.0000e+00 -5.5784e-01 -1.8469e+00 -3.3835e+00

937 1656 0.0000e+00 0.0000e+00 0.0000e+00 -1.4558e+00 -2.3729e+00 -1.2411e+00  
1663 0.0000e+00 0.0000e+00 0.0000e+00 -1.1223e+00 -3.1212e+00 -1.5471e+00  
1664 0.0000e+00 0.0000e+00 0.0000e+00 -1.6115e+00 -2.6415e+00 -2.2459e+00  
1657 0.0000e+00 0.0000e+00 0.0000e+00 -1.5831e+00 -2.0025e+00 -1.9399e+00

938 1655 0.0000e+00 0.0000e+00 0.0000e+00 3.9066e-01 -3.8645e+00 -7.4701e-01  
1662 0.0000e+00 0.0000e+00 0.0000e+00 -1.2749e-01 -3.1851e+00 -1.8931e+00  
1663 0.0000e+00 0.0000e+00 0.0000e+00 -5.3223e-01 -3.4202e+00 -1.6988e+00  
1656 0.0000e+00 0.0000e+00 0.0000e+00 -1.5137e+00 -3.1265e+00 -5.5271e-01

939 1607 0.0000e+00 0.0000e+00 0.0000e+00 -6.0375e-01 -1.1077e+00 -3.7949e+00  
1615 0.0000e+00 0.0000e+00 0.0000e+00 4.5130e-01 -1.1993e+00 -3.2910e+00  
1662 0.0000e+00 0.0000e+00 0.0000e+00 8.6185e-01 -3.2156e+00 -1.8314e+00  
1655 0.0000e+00 0.0000e+00 0.0000e+00 1.1312e-03 -6.2049e+00 -2.3354e+00

940 945 0.0000e+00 0.0000e+00 0.0000e+00 2.1210e+01 -4.3175e+01 -6.5459e+01  
1661 0.0000e+00 0.0000e+00 0.0000e+00 6.7670e+01 1.6010e+00 -8.0119e+00  
1297 0.0000e+00 0.0000e+00 0.0000e+00 -1.8606e+00 4.6608e+01 8.6383e+00  
18 0.0000e+00 0.0000e+00 0.0000e+00 2.0649e+02 5.8328e+01 -4.8809e+01

941 944 0.0000e+00 0.0000e+00 0.0000e+00 4.8537e+00 -4.2732e+00 -2.0322e+01  
1660 0.0000e+00 0.0000e+00 0.0000e+00 1.5843e+01 -1.0564e+01 -5.4865e+00  
1661 0.0000e+00 0.0000e+00 0.0000e+00 4.6104e+01 -2.7986e+00 -1.3837e+01

945 0.0000e+00 0.0000e+00 0.0000e+00 4.4826e+00 7.4896e+00 -2.8672e+01

942 943 0.0000e+00 0.0000e+00 0.0000e+00 -1.1318e+00 -1.0259e+00 -1.1018e+01  
1659 0.0000e+00 0.0000e+00 0.0000e+00 3.3723e+00 -3.2101e+00 -6.4118e+00  
1660 0.0000e+00 0.0000e+00 0.0000e+00 1.0307e+01 -4.2635e+00 -1.1140e+01  
944 0.0000e+00 0.0000e+00 0.0000e+00 1.2139e+00 2.9385e+00 -1.5746e+01

943 942 0.0000e+00 0.0000e+00 0.0000e+00 -2.4824e+00 1.1999e-01 -5.8073e+00  
1658 0.0000e+00 0.0000e+00 0.0000e+00 -8.0789e-01 -1.5963e+00 -4.3896e+00  
1659 0.0000e+00 0.0000e+00 0.0000e+00 2.0607e+00 -2.3493e+00 -7.2301e+00  
943 0.0000e+00 0.0000e+00 0.0000e+00 -2.4945e+00 1.5738e+00 -8.6479e+00

944 941 0.0000e+00 0.0000e+00 0.0000e+00 -2.8132e+00 -1.2942e-01 -2.9634e+00  
1657 0.0000e+00 0.0000e+00 0.0000e+00 -2.0732e+00 -1.4002e+00 -2.5821e+00  
1658 0.0000e+00 0.0000e+00 0.0000e+00 -1.1401e+00 -1.4229e+00 -4.3636e+00  
942 0.0000e+00 0.0000e+00 0.0000e+00 -2.9779e+00 8.4331e-01 -4.7450e+00

945 940 0.0000e+00 0.0000e+00 0.0000e+00 -3.0950e+00 -1.1866e+00 -1.1685e+00  
1656 0.0000e+00 0.0000e+00 0.0000e+00 -2.3461e+00 -2.2355e+00 -1.0651e+00  
1657 0.0000e+00 0.0000e+00 0.0000e+00 -2.1391e+00 -1.4470e+00 -2.3017e+00  
941 0.0000e+00 0.0000e+00 0.0000e+00 -3.0937e+00 -4.0961e-02 -2.4051e+00

946 939 0.0000e+00 0.0000e+00 0.0000e+00 -3.7566e+00 -3.8355e+00 -7.8054e-02  
1655 0.0000e+00 0.0000e+00 0.0000e+00 -2.2796e+00 -4.5693e+00 1.2379e-02  
1656 0.0000e+00 0.0000e+00 0.0000e+00 -2.3644e+00 -2.3217e+00 -8.0431e-01  
940 0.0000e+00 0.0000e+00 0.0000e+00 -3.4897e+00 -1.4341e+00 -8.9475e-01

947 17 0.0000e+00 0.0000e+00 0.0000e+00 -4.7900e+00 -2.2683e+01 -4.8204e+00  
1607 0.0000e+00 0.0000e+00 0.0000e+00 4.4479e+00 -2.7506e+00 -7.6121e+00  
1655 0.0000e+00 0.0000e+00 0.0000e+00 -2.3961e-01 -8.5348e+00 -1.4564e+00  
939 0.0000e+00 0.0000e+00 0.0000e+00 -5.7271e+00 -8.2349e-01 1.3353e+00

948 1646 0.0000e+00 0.0000e+00 0.0000e+00 2.4401e+00 1.4979e+01 -8.5101e+00  
1654 0.0000e+00 0.0000e+00 0.0000e+00 1.0216e+01 1.8611e+00 -1.4098e+01  
28 0.0000e+00 0.0000e+00 0.0000e+00 6.8037e+00 3.1454e+01 -6.6056e+00  
1647 0.0000e+00 0.0000e+00 0.0000e+00 -5.4064e+00 3.4614e+00 -1.0175e+00

949 1645 0.0000e+00 0.0000e+00 0.0000e+00 8.8955e+00 9.5819e+00 -1.3105e+01  
1653 0.0000e+00 0.0000e+00 0.0000e+00 1.0176e+01 1.9095e+00 -1.5617e+01  
1654 0.0000e+00 0.0000e+00 0.0000e+00 1.1179e+01 2.2186e+01 -1.3714e+01  
1646 0.0000e+00 0.0000e+00 0.0000e+00 2.8305e+00 1.0735e+01 -1.1201e+01

950 1644 0.0000e+00 0.0000e+00 0.0000e+00 1.2880e+01 5.1145e+00 -1.5431e+01  
1652 0.0000e+00 0.0000e+00 0.0000e+00 1.1160e+01 -1.1948e+00 -1.7914e+01  
1653 0.0000e+00 0.0000e+00 0.0000e+00 1.1347e+01 1.6609e+01 -1.6467e+01  
1645 0.0000e+00 0.0000e+00 0.0000e+00 7.6908e+00 7.4280e+00 -1.3984e+01

951 1643 0.0000e+00 0.0000e+00 0.0000e+00 1.7669e+01 5.7526e-01 -1.7170e+01  
1651 0.0000e+00 0.0000e+00 0.0000e+00 1.3586e+01 -5.3491e+00 -2.0551e+01  
1652 0.0000e+00 0.0000e+00 0.0000e+00 1.2719e+01 1.2121e+01 -1.8953e+01  
1644 0.0000e+00 0.0000e+00 0.0000e+00 1.1722e+01 3.0221e+00 -1.5571e+01

952 1642 0.0000e+00 0.0000e+00 0.0000e+00 2.4730e+01 -4.4257e+00 -1.8776e+01  
1650 0.0000e+00 0.0000e+00 0.0000e+00 1.8035e+01 -1.0475e+01 -2.3789e+01  
1651 0.0000e+00 0.0000e+00 0.0000e+00 1.5762e+01 7.9484e+00 -2.1849e+01  
1643 0.0000e+00 0.0000e+00 0.0000e+00 1.6901e+01 -1.9530e+00 -1.6836e+01

953 1641 0.0000e+00 0.0000e+00 0.0000e+00 3.6165e+01 -9.6812e+00 -1.9877e+01  
1649 0.0000e+00 0.0000e+00 0.0000e+00 2.6005e+01 -1.6573e+01 -2.7904e+01  
1650 0.0000e+00 0.0000e+00 0.0000e+00 2.1200e+01 3.4561e+00 -2.5684e+01  
1642 0.0000e+00 0.0000e+00 0.0000e+00 2.4797e+01 -7.8443e+00 -1.7656e+01

954 1640 0.0000e+00 0.0000e+00 0.0000e+00 5.8826e+01 -1.1283e+01 -1.7211e+01  
1648 0.0000e+00 0.0000e+00 0.0000e+00 4.1526e+01 -2.2778e+01 -3.2352e+01  
1649 0.0000e+00 0.0000e+00 0.0000e+00 3.0956e+01 -2.3981e+00 -3.1376e+01  
1641 0.0000e+00 0.0000e+00 0.0000e+00 3.8891e+01 -1.5831e+01 -1.6235e+01

955 1287 0.0000e+00 0.0000e+00 0.0000e+00 5.5015e+01 1.6191e+01 6.3081e+00  
27 0.0000e+00 0.0000e+00 0.0000e+00 1.3113e+02 -2.0902e+01 -2.6160e+01  
1648 0.0000e+00 0.0000e+00 0.0000e+00 5.0838e+01 -1.7479e+01 -4.5274e+01  
1640 0.0000e+00 0.0000e+00 0.0000e+00 6.9892e+01 -1.6624e+01 -1.2806e+01

956 1638 0.0000e+00 0.0000e+00 0.0000e+00 2.5123e-01 5.9522e+00 -7.1871e+00  
1646 0.0000e+00 0.0000e+00 0.0000e+00 1.6774e+00 1.1654e+01 -7.6812e+00  
1647 0.0000e+00 0.0000e+00 0.0000e+00 1.4165e+00 1.4138e+00 -4.9767e+00  
1639 0.0000e+00 0.0000e+00 0.0000e+00 -4.8339e-01 1.7466e+00 -4.4826e+00

957 1637 0.0000e+00 0.0000e+00 0.0000e+00 4.1126e+00 6.8528e+00 -1.0006e+01  
1645 0.0000e+00 0.0000e+00 0.0000e+00 6.9581e+00 9.6194e+00 -1.3340e+01

	1646	0.0000e+00	0.0000e+00	0.0000e+00	2.4674e+00	8.2334e+00	-1.0859e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	1.8848e+00	6.0735e+00	-7.5240e+00
958	1636	0.0000e+00	0.0000e+00	0.0000e+00	9.5861e+00	3.9029e+00	-1.1622e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.1591e+01	5.6029e+00	-1.5203e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	7.7060e+00	5.6612e+00	-1.4202e+01
	1637	0.0000e+00	0.0000e+00	0.0000e+00	6.2571e+00	5.3759e+00	-1.0622e+01
959	1635	0.0000e+00	0.0000e+00	0.0000e+00	1.5566e+01	5.7022e-02	-1.2058e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.7055e+01	1.1494e+00	-1.6247e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.2628e+01	1.6833e+00	-1.5919e+01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	1.1554e+01	2.1254e+00	-1.1730e+01
960	1634	0.0000e+00	0.0000e+00	0.0000e+00	2.2817e+01	-3.9547e+00	-1.1261e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	2.4562e+01	-3.7368e+00	-1.6732e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.8508e+01	-3.0209e+00	-1.7078e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	1.7848e+01	-2.1153e+00	-1.1607e+01
961	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.1428e+01	-6.7285e+00	-8.4082e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	3.5767e+01	-8.8933e+00	-1.5703e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	2.6585e+01	-8.3102e+00	-1.7627e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	2.5913e+01	-6.6558e+00	-1.0332e+01
962	1632	0.0000e+00	0.0000e+00	0.0000e+00	3.9797e+01	-3.7866e+00	-2.0026e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	4.9407e+01	-1.1965e+01	-9.7009e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	3.8195e+01	-1.2597e+01	-1.5293e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.5498e+01	-9.6741e+00	-7.5946e+00
963	1276	0.0000e+00	0.0000e+00	0.0000e+00	4.0555e+01	6.7200e+00	-2.9103e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	5.4496e+01	9.8411e+00	-3.3714e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	5.4348e+01	-6.3344e+00	-4.4269e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	3.9774e+01	-1.1177e+00	-3.9659e+00
964	1630	0.0000e+00	0.0000e+00	0.0000e+00	8.3912e-01	3.3010e+00	-4.6419e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	9.8254e-01	4.6554e+00	-5.2687e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	6.9094e-01	1.3064e+00	-4.2747e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	-1.3222e-01	6.8730e-01	-3.6478e+00
965	1629	0.0000e+00	0.0000e+00	0.0000e+00	3.1186e+00	4.6811e+00	-6.0626e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	4.6058e+00	5.5573e+00	-8.2377e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	1.9838e+00	5.4890e+00	-6.8270e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	1.3582e+00	3.5646e+00	-4.6519e+00
966	1628	0.0000e+00	0.0000e+00	0.0000e+00	6.8845e+00	3.4495e+00	-6.7416e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	9.3414e+00	3.2974e+00	-9.8878e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	5.5477e+00	4.9786e+00	-9.3263e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	4.3393e+00	3.7118e+00	-6.1802e+00
967	1627	0.0000e+00	0.0000e+00	0.0000e+00	1.1400e+01	1.0204e+00	-6.2012e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	1.4867e+01	-2.4024e-01	-9.9070e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	1.0435e+01	2.0900e+00	-1.0426e+01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	8.3663e+00	1.8590e+00	-6.7198e+00
968	1626	0.0000e+00	0.0000e+00	0.0000e+00	1.6428e+01	-1.6082e+00	-4.2161e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	2.1484e+01	-4.1689e+00	-8.5134e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	1.6210e+01	-1.6221e+00	-1.0160e+01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	1.3044e+01	-9.1406e-01	-5.8626e+00
969	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.1584e+01	-3.4092e+00	-1.0727e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.8958e+01	-7.0541e+00	-5.6400e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	2.3186e+01	-5.3247e+00	-8.3171e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	1.8154e+01	-3.6547e+00	-3.7498e+00
970	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.5527e+01	-2.7268e+00	8.4681e-01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	3.4060e+01	-4.5901e+00	-2.0374e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.1057e+01	-7.1506e+00	-4.2395e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.2719e+01	-4.6420e+00	-1.3553e+00
971	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.6431e+01	1.4642e+00	-2.5395e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	3.6056e+01	4.4610e+00	-2.9562e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	3.6659e+01	-1.6040e+00	-1.3735e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.4989e+01	-1.7493e+00	-9.5684e-01
972	1622	0.0000e+00	0.0000e+00	0.0000e+00	4.3316e-01	2.4838e+00	-3.3117e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	7.5374e-01	2.8049e+00	-3.7130e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	3.0344e-01	6.0073e-01	-3.4758e+00
	1623	0.0000e+00	0.0000e+00	0.0000e+00	7.4799e-02	4.5089e-01	-3.0745e+00
973	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.8076e+00	3.7008e+00	-3.5462e+00

	1629	0.0000e+00	0.0000e+00	0.0000e+00	3.0009e+00	3.9475e+00	-4.8486e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	1.4002e+00	3.3452e+00	-4.4238e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	7.8426e-01	2.7484e+00	-3.1214e+00
974	1620	0.0000e+00	0.0000e+00	0.0000e+00	3.8937e+00	3.3094e+00	-3.5590e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	6.2751e+00	2.8581e+00	-5.5265e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	3.6972e+00	3.6908e+00	-5.4912e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	2.5074e+00	3.1694e+00	-3.5237e+00
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	6.0595e+00	2.2053e+00	-2.7775e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	1.0038e+01	6.1735e-01	-4.9338e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	6.9699e+00	2.2262e+00	-5.7743e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	4.7831e+00	2.3068e+00	-3.6179e+00
976	1618	0.0000e+00	0.0000e+00	0.0000e+00	7.9736e+00	8.9494e-01	-7.3399e-01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	1.4004e+01	-1.9240e+00	-2.8646e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	1.0741e+01	-4.2939e-02	-4.8009e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	6.9442e+00	9.8225e-01	-2.6703e+00
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	9.9576e+00	-9.6782e-01	2.0921e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	1.7837e+01	-3.8340e+00	-1.9454e-02
	1626	0.0000e+00	0.0000e+00	0.0000e+00	1.4936e+01	-2.4777e+00	-2.4635e+00
	1618	0.0000e+00	0.0000e+00	0.0000e+00	8.6045e+00	-4.9183e-01	-3.5194e-01
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.2466e+01	-3.8182e+00	3.0608e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.0850e+01	-3.6532e+00	1.0911e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	1.9384e+01	-4.2272e+00	2.5307e-01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	9.9636e+00	-2.3986e+00	2.2228e+00
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.3484e+01	-4.6647e+00	-1.5489e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.3019e+01	-7.8301e-01	-2.4810e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.2881e+01	-3.4173e+00	2.8104e-01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.1743e+01	-5.0191e+00	1.2132e+00
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	-8.3490e-02	2.7876e+00	-2.7167e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	2.1982e-01	2.3224e+00	-2.6967e+00
	1623	0.0000e+00	0.0000e+00	0.0000e+00	-2.5279e-02	6.1730e-01	-3.0234e+00
	1615	0.0000e+00	0.0000e+00	0.0000e+00	2.0194e-01	8.0072e-01	-3.0435e+00
981	1613	0.0000e+00	0.0000e+00	0.0000e+00	9.1079e-01	3.3817e+00	-1.9976e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.4759e+00	3.3794e+00	-2.8334e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	6.2339e-01	2.8103e+00	-2.9872e+00
	1614	0.0000e+00	0.0000e+00	0.0000e+00	7.9359e-02	3.1135e+00	-2.1514e+00
982	1612	0.0000e+00	0.0000e+00	0.0000e+00	1.7914e+00	3.0624e+00	-2.0854e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	3.2781e+00	2.8511e+00	-3.0406e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.9860e+00	3.3123e+00	-3.0356e+00
	1613	0.0000e+00	0.0000e+00	0.0000e+00	1.1591e+00	3.0912e+00	-2.0804e+00
983	1611	0.0000e+00	0.0000e+00	0.0000e+00	1.7898e+00	2.8190e+00	-2.0434e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	4.7782e+00	1.7442e+00	-2.5247e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	3.5482e+00	2.7615e+00	-2.9853e+00
	1612	0.0000e+00	0.0000e+00	0.0000e+00	2.0502e+00	2.6012e+00	-2.5041e+00
984	1610	0.0000e+00	0.0000e+00	0.0000e+00	3.5996e-01	2.9290e+00	-9.5992e-01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	5.5319e+00	4.4813e-01	-6.3676e-01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	4.6862e+00	1.9352e+00	-2.1363e+00
	1611	0.0000e+00	0.0000e+00	0.0000e+00	1.8568e+00	2.4314e+00	-2.4595e+00
985	1609	0.0000e+00	0.0000e+00	0.0000e+00	-2.4897e+00	2.2746e+00	1.7199e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	5.9960e+00	-1.5905e+00	2.5747e+00
	1618	0.0000e+00	0.0000e+00	0.0000e+00	5.2166e+00	8.3151e-01	-1.3580e-01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	1.1865e-02	2.3476e+00	-9.9056e-01
986	1608	0.0000e+00	0.0000e+00	0.0000e+00	-1.8445e+00	-4.5567e+00	5.1190e+00
	1616	0.0000e+00	0.0000e+00	0.0000e+00	7.3570e+00	-4.9900e+00	3.9186e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	6.4346e+00	-2.0364e+00	2.1815e+00
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-3.3406e+00	9.7900e-01	3.3819e+00
987	1243	0.0000e+00	0.0000e+00	0.0000e+00	-1.6016e+00	-1.3389e+01	-3.3804e-01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.0611e+01	-7.5563e+00	-1.8336e+00
	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.0002e+01	-7.3251e+00	2.2627e+00
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-4.0050e+00	-9.6250e+00	3.7583e+00
988	1606	0.0000e+00	0.0000e+00	0.0000e+00	-2.1473e-03	6.2051e+00	-2.3353e+00
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-8.6330e-01	3.2158e+00	-1.8314e+00
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-4.5278e-01	1.1997e+00	-3.2910e+00
	1607	0.0000e+00	0.0000e+00	0.0000e+00	6.0268e-01	1.1081e+00	-3.7949e+00



989 1605 0.0000e+00 0.0000e+00 0.0000e+00 1.5125e+00 3.1264e+00 -5.5277e-01  
1613 0.0000e+00 0.0000e+00 0.0000e+00 5.3085e-01 3.4201e+00 -1.6988e+00  
1614 0.0000e+00 0.0000e+00 0.0000e+00 1.2610e-01 3.1852e+00 -1.8930e+00  
1606 0.0000e+00 0.0000e+00 0.0000e+00 -3.9176e-01 3.8645e+00 -7.4697e-01

990 1604 0.0000e+00 0.0000e+00 0.0000e+00 1.5818e+00 2.0023e+00 -1.9400e+00  
1612 0.0000e+00 0.0000e+00 0.0000e+00 1.6100e+00 2.6414e+00 -2.2459e+00  
1613 0.0000e+00 0.0000e+00 0.0000e+00 1.1209e+00 3.1211e+00 -1.5471e+00  
1605 0.0000e+00 0.0000e+00 0.0000e+00 1.4547e+00 2.3728e+00 -1.2412e+00

991 1603 0.0000e+00 0.0000e+00 0.0000e+00 5.5656e-01 1.8468e+00 -3.3836e+00  
1611 0.0000e+00 0.0000e+00 0.0000e+00 1.2294e+00 2.3260e+00 -2.7798e+00  
1612 0.0000e+00 0.0000e+00 0.0000e+00 1.5839e+00 2.7391e+00 -2.1125e+00  
1604 0.0000e+00 0.0000e+00 0.0000e+00 1.4185e+00 1.8935e+00 -2.7163e+00

992 1602 0.0000e+00 0.0000e+00 0.0000e+00 -2.7066e+00 2.6751e+00 -4.7032e+00  
1610 0.0000e+00 0.0000e+00 0.0000e+00 -1.1308e+00 2.3983e+00 -2.5046e+00  
1611 0.0000e+00 0.0000e+00 0.0000e+00 5.7531e-01 2.9819e+00 -2.3059e+00  
1603 0.0000e+00 0.0000e+00 0.0000e+00 1.7129e-02 2.3105e+00 -4.5045e+00

993 1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.1400e+01 4.7001e+00 -4.8150e+00  
1609 0.0000e+00 0.0000e+00 0.0000e+00 -5.2424e+00 1.4987e+00 5.0295e-02  
1610 0.0000e+00 0.0000e+00 0.0000e+00 -2.8766e+00 3.8209e+00 -1.5245e+00  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -3.9629e+00 3.7458e+00 -6.3897e+00

994 1600 0.0000e+00 0.0000e+00 0.0000e+00 -2.2192e+01 7.5355e+00 2.1403e+00  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -1.0829e+01 -6.0263e+00 7.8763e+00  
1609 0.0000e+00 0.0000e+00 0.0000e+00 -8.5604e+00 4.2613e+00 9.1324e-01  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.2904e+01 4.5233e+00 -4.8228e+00

995 1232 0.0000e+00 0.0000e+00 0.0000e+00 -2.8553e+01 -2.6026e+01 4.0965e-01  
1243 0.0000e+00 0.0000e+00 0.0000e+00 -4.4528e+00 -1.8067e+01 -1.0442e+00  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -5.0807e+00 -1.2795e+01 4.5629e+00  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -3.0854e+01 -1.5969e+01 6.0167e+00

996 868 0.0000e+00 0.0000e+00 0.0000e+00 5.7262e+00 8.2309e-01 1.3347e+00  
1606 0.0000e+00 0.0000e+00 0.0000e+00 2.3903e-01 8.5348e+00 -1.4565e+00  
1607 0.0000e+00 0.0000e+00 0.0000e+00 -4.4492e+00 2.7512e+00 -7.6120e+00  
17 0.0000e+00 0.0000e+00 0.0000e+00 4.7909e+00 2.2683e+01 -4.8208e+00

997 867 0.0000e+00 0.0000e+00 0.0000e+00 3.4886e+00 1.4340e+00 -8.9497e-01  
1605 0.0000e+00 0.0000e+00 0.0000e+00 2.3633e+00 2.3215e+00 -8.0439e-01  
1606 0.0000e+00 0.0000e+00 0.0000e+00 2.2788e+00 4.5693e+00 1.2253e-02  
868 0.0000e+00 0.0000e+00 0.0000e+00 3.7556e+00 3.8355e+00 -7.8332e-02

998 866 0.0000e+00 0.0000e+00 0.0000e+00 3.0925e+00 4.0854e-02 -2.4052e+00  
1604 0.0000e+00 0.0000e+00 0.0000e+00 2.1379e+00 1.4468e+00 -2.3017e+00  
1605 0.0000e+00 0.0000e+00 0.0000e+00 2.3449e+00 2.2354e+00 -1.0652e+00  
867 0.0000e+00 0.0000e+00 0.0000e+00 3.0939e+00 1.1866e+00 -1.1687e+00

999 865 0.0000e+00 0.0000e+00 0.0000e+00 2.9767e+00 -8.4343e-01 -4.7451e+00  
1603 0.0000e+00 0.0000e+00 0.0000e+00 1.1388e+00 1.4227e+00 -4.3637e+00  
1604 0.0000e+00 0.0000e+00 0.0000e+00 2.0719e+00 1.4000e+00 -2.5821e+00  
866 0.0000e+00 0.0000e+00 0.0000e+00 2.8120e+00 1.2932e-01 -2.9635e+00

1000 864 0.0000e+00 0.0000e+00 0.0000e+00 2.4933e+00 -1.5740e+00 -8.6479e+00  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -2.0620e+00 2.3491e+00 -7.2302e+00  
1603 0.0000e+00 0.0000e+00 0.0000e+00 8.0665e-01 1.5962e+00 -4.3896e+00  
865 0.0000e+00 0.0000e+00 0.0000e+00 2.4812e+00 -1.2011e-01 -5.8074e+00

1001 863 0.0000e+00 0.0000e+00 0.0000e+00 -1.2150e+00 -2.9386e+00 -1.5746e+01  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.0308e+01 4.2634e+00 -1.1140e+01  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -3.3736e+00 3.2100e+00 -6.4118e+00  
864 0.0000e+00 0.0000e+00 0.0000e+00 1.1306e+00 1.0258e+00 -1.1018e+01

1002 862 0.0000e+00 0.0000e+00 0.0000e+00 -4.4836e+00 -7.4896e+00 -2.8672e+01  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -4.6105e+01 2.7985e+00 -1.3837e+01  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.5844e+01 1.0564e+01 -5.4865e+00  
863 0.0000e+00 0.0000e+00 0.0000e+00 -4.8548e+00 4.2730e+00 -2.0321e+01

1003 16 0.0000e+00 0.0000e+00 0.0000e+00 -2.0648e+02 -5.8328e+01 -4.8809e+01  
1232 0.0000e+00 0.0000e+00 0.0000e+00 1.8593e+00 -4.6608e+01 8.6381e+00  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -6.7670e+01 -1.6010e+00 -8.0119e+00  
862 0.0000e+00 0.0000e+00 0.0000e+00 -2.1211e+01 4.3174e+01 -6.5459e+01

1004 1593 0.0000e+00 0.0000e+00 0.0000e+00 -2.3150e+02 1.5648e+01 -1.1090e+01  
1599 0.0000e+00 0.0000e+00 0.0000e+00 -1.8554e+02 5.7626e+01 -9.7210e+01  
31 0.0000e+00 0.0000e+00 0.0000e+00 -4.2142e+02 2.4127e+00 -5.4762e+01

	1427	0.0000e+00	0.0000e+00	0.0000e+00	-1.5427e+02	-4.7782e+01	3.1357e+01
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	-1.5592e+02	3.5446e+01	-1.1858e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-1.2704e+02	8.4422e+00	-5.3736e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-1.5773e+02	2.9822e+01	-5.8933e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-2.0237e+02	1.4103e+01	-1.7055e+01
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	-1.2343e+02	2.0560e+01	-1.3185e+01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-1.0271e+02	-2.2294e+00	-3.1674e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-1.1561e+02	2.2797e+01	-4.1275e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-1.4459e+02	2.0856e+01	-2.2786e+01
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	-1.1448e+02	1.3013e+01	-8.3266e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-9.6035e+01	-5.7182e+00	-1.3082e+01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-9.7938e+01	1.3591e+01	-2.2734e+01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-1.2134e+02	1.5820e+01	-1.7979e+01
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	-1.2279e+02	8.9110e+00	-2.8295e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-1.0492e+02	-6.1297e+00	4.7777e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-9.6594e+01	7.8003e+00	-4.6306e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-1.1709e+02	1.3189e+01	-1.2238e+01
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	-1.5493e+02	-6.4956e-01	-2.6601e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-1.3437e+02	-8.9457e+00	2.2288e+01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-1.1123e+02	9.2510e+00	1.5283e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-1.3212e+02	1.6166e+01	-9.6652e+00
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	-1.0936e+02	-3.1798e+01	-2.1496e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	-3.1548e+02	-4.1604e+01	3.1249e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-1.5310e+02	4.4051e+01	4.9260e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-1.7458e+02	-4.8642e+00	-3.4846e+00
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	-1.2896e+02	-6.9008e+00	1.1369e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-1.7710e+02	-9.2446e+00	1.2142e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-1.7523e+02	-2.4934e+01	9.1780e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-1.2942e+02	-2.0842e+01	8.4049e+00
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	-1.3018e+02	1.6412e+01	4.2292e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-1.4653e+02	2.0872e+01	-8.0810e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-1.6498e+02	2.4219e+01	4.4968e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-1.3441e+02	1.3683e+00	1.6807e+01
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	-1.1825e+02	1.6348e+01	-2.6574e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-1.2582e+02	1.9378e+01	-1.4777e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-1.4173e+02	2.2516e+01	-9.0472e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-1.2466e+02	1.3105e+01	3.0722e+00
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	-1.1016e+02	1.1861e+01	-8.4352e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-1.1779e+02	1.4837e+01	-1.3528e+01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-1.2298e+02	1.5867e+01	-1.1028e+01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-1.1436e+02	1.3415e+01	-5.9356e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	-1.0795e+02	6.5325e+00	-1.4343e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-1.2189e+02	1.2786e+01	-1.2723e+01
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-1.1762e+02	1.1299e+01	-9.6764e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-1.0923e+02	1.0938e+01	-1.1296e+01
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	-1.0806e+02	-2.4072e+00	-2.0329e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-1.2968e+02	1.0223e+01	-1.7260e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-1.2371e+02	5.7824e+00	-1.1882e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-1.0838e+02	6.7341e+00	-1.4951e+01
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	-1.0074e+02	-1.0895e+01	-1.1388e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-1.3595e+02	-1.2879e+01	-1.2483e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-1.3662e+02	-1.7167e+01	-1.7753e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-1.0209e+02	-7.7078e+00	-1.6658e+01
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	-8.4842e+01	-4.9790e-01	1.1023e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-1.2129e+02	-2.8669e+00	1.2832e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-1.1709e+02	-1.3422e+01	7.1388e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	-8.5706e+01	-3.4285e+00	5.3294e+00
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	-8.5006e+01	4.5165e+00	1.1569e+01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-1.1647e+02	1.1474e+01	9.6844e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-1.1730e+02	4.2543e+00	1.3768e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-8.7651e+01	2.3459e+00	1.5653e+01
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	-8.1882e+01	4.8737e+00	4.2649e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-1.0682e+02	1.2834e+01	-9.0846e-01

	1586	0.0000e+00	0.0000e+00	0.0000e+00	-1.1302e+02	1.4259e+01	7.3567e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-8.5216e+01	4.2718e+00	1.2530e+01
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	-7.8044e+01	2.8475e+00	-5.5831e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-1.0048e+02	1.0604e+01	-9.2916e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-1.0472e+02	1.3076e+01	-1.1791e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-8.0636e+01	3.2176e+00	2.5294e+00
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	-7.5412e+01	1.3183e+00	-1.3713e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-9.8379e+01	7.2497e+00	-1.5287e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-1.0005e+02	9.4447e+00	-8.9634e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-7.6644e+01	1.6445e+00	-7.3895e+00
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	-7.3171e+01	8.4793e-01	-1.5403e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-9.5980e+01	4.6484e-02	-1.7353e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-9.9263e+01	5.2016e+00	-1.5430e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-7.3480e+01	2.2336e-01	-1.3480e+01
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	-6.9848e+01	1.5485e+00	-8.1518e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-9.4160e+01	-5.4538e+00	-1.0205e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-9.7329e+01	-3.2016e+00	-1.4614e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-7.0461e+01	-6.2963e-01	-1.2561e+01
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	-4.1088e+01	1.0034e+01	1.3179e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-7.6781e+01	5.4290e+00	1.2092e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	-7.5120e+01	2.7079e+00	4.6423e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-4.4753e+01	1.4279e+01	5.7294e+00
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	-3.8585e+01	-7.1148e-01	1.6197e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-7.3023e+01	5.4280e+00	1.3400e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-7.3371e+01	4.8594e+00	1.5236e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-4.3390e+01	7.0127e+00	1.8033e+01
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	-3.8105e+01	-6.9151e+00	7.5946e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-6.7918e+01	2.6780e+00	5.3226e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-7.0104e+01	4.6644e+00	1.3641e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-4.0104e+01	-3.8051e+00	1.5913e+01
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	-3.7549e+01	-8.8465e+00	-3.6949e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-6.4214e+01	7.8609e-01	-5.3434e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-6.6545e+01	2.4346e+00	4.3146e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-3.8254e+01	-8.9046e+00	5.9631e+00
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	-3.6927e+01	-5.7554e+00	-1.2845e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-6.2415e+01	7.6475e-01	-1.3602e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-6.4180e+01	9.5200e-01	-6.0735e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-3.6557e+01	-8.8763e+00	-5.3165e+00
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	-3.8027e+01	3.7353e+00	-1.5617e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-6.2042e+01	2.3259e+00	-1.4907e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-6.3664e+01	1.8474e+00	-1.2850e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-3.5096e+01	-4.0289e+00	-1.3560e+01
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	-3.8685e+01	1.3210e+01	-8.0227e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-6.2309e+01	5.5725e+00	-7.3684e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-6.3773e+01	4.1405e+00	-1.1995e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-3.6015e+01	6.5479e+00	-1.2649e+01
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	1.0095e+01	2.3665e+01	1.9913e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-3.3790e+01	1.7422e+01	1.5315e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-3.4678e+01	2.1995e+01	4.0490e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	2.5131e+00	4.0215e+01	8.6473e+00
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	9.3551e+00	-9.2595e+00	1.8803e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-2.5879e+01	-1.3843e-01	1.5307e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-2.7748e+01	9.9362e+00	1.9959e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	4.7846e+00	8.9570e+00	2.3454e+01
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	9.3848e-01	-1.7502e+01	4.9636e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-2.3435e+01	-9.8420e+00	7.4223e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-2.4353e+01	-3.0541e+00	1.6811e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	6.3862e+00	-1.5781e+01	1.4352e+01
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.6791e+00	-1.9439e+01	-3.4539e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-2.3419e+01	-1.1099e+01	-2.9406e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-2.3790e+01	-9.7409e+00	5.5877e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-3.6289e-01	-1.9919e+01	5.0743e+00
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	2.1189e+00	-1.6411e+01	-1.1386e+01

	1571	0.0000e+00	0.0000e+00	0.0000e+00	-2.3248e+01	-6.2559e+00	-1.3131e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-2.3259e+01	-1.0425e+01	-4.8200e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.0861e+00	-1.8318e+01	-3.0742e+00
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	6.7716e-01	2.9399e+00	-1.9554e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-2.5243e+01	5.1656e+00	-1.7055e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-2.4129e+01	-3.3385e+00	-1.2242e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	4.1660e+00	-1.1565e+01	-1.4740e+01
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	-2.2861e+00	3.0641e+01	-1.0887e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-3.0421e+01	1.8179e+01	-6.6827e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-2.9521e+01	1.2014e+01	-1.3672e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	4.5597e+00	1.4729e+01	-1.7876e+01
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	9.2825e+01	5.3668e+01	2.6170e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	1.3588e+01	3.2823e+01	2.3650e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	1.4198e+01	5.4323e+01	6.8588e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	8.7573e+01	6.9937e+01	9.3789e+00
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	4.3447e+01	-2.0490e+01	-3.9631e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	2.6983e+01	-1.8589e+01	1.1218e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	3.0446e+01	1.2986e+01	3.2255e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	6.7949e+01	-3.0793e+01	1.7073e+01
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	1.7860e+01	-2.1048e+01	-9.9096e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	1.3283e+01	-2.2282e+01	4.3465e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	1.8313e+01	-1.3365e+01	9.3005e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	3.9092e+01	-2.5357e+01	-4.9555e+00
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	1.2238e+01	-1.9824e+01	-2.2937e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	7.5590e+00	-2.0581e+01	1.2369e-01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	9.3249e+00	-1.9758e+01	-1.9249e-02
	1561	0.0000e+00	0.0000e+00	0.0000e+00	1.4925e+01	-2.0205e+01	-2.4366e+00
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	2.7015e+01	-2.3310e+01	1.7360e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	1.1961e+01	-1.5190e+01	-7.2011e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	9.3431e+00	-2.1318e+01	-4.0710e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	1.3170e+01	-1.9995e+01	4.8662e+00
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	4.9584e+01	-2.8898e+01	-1.4215e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	2.0307e+01	5.4681e+00	-2.6006e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	1.8663e+01	-1.8844e+01	-9.4263e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	2.9508e+01	-2.0478e+01	2.3642e+00
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	6.0909e+01	5.1182e+01	-1.3695e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	8.2171e+00	4.0213e+01	-1.0010e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	8.6615e+00	2.0702e+01	-1.9853e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	6.7253e+01	3.1107e+01	-2.3538e+01
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	5.9512e+01	-1.5156e+02	-2.0477e+02
	1563	0.0000e+00	0.0000e+00	0.0000e+00	2.2262e+02	6.5272e+00	-1.9705e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.6901e+01	1.2888e+02	4.1057e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	6.3994e+02	1.5503e+02	-1.4401e+02
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	1.3235e+01	-1.9169e+01	-5.9354e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	5.6349e+01	-4.6076e+01	-8.7116e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	1.5756e+02	-9.8063e+00	-3.4698e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	5.3131e+00	1.9715e+01	-8.5341e+01
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	-8.2872e+00	-7.1551e+00	-2.5522e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	1.4904e+01	-1.9878e+01	-8.4049e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	3.5201e+01	-2.1677e+01	-2.7896e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	2.9459e+00	7.9236e+00	-4.5013e+01
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.2628e+01	-1.9924e-02	2.5114e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	7.1629e+00	-1.6918e+01	4.5272e+00
	1561	0.0000e+00	0.0000e+00	0.0000e+00	1.0260e+01	-1.7348e+01	-1.2169e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-1.2011e+01	2.0092e+00	-1.4185e+01
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	-3.5827e+00	3.5765e+00	2.9682e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	2.2195e+01	-2.0208e+01	1.8690e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	9.4658e+00	-1.8354e+01	1.5566e+00
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.1102e+01	-4.9339e+00	1.2549e+01
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	-4.4338e+00	8.4985e+00	6.2057e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	1.1208e+02	-1.4464e+01	2.5499e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	3.7300e+01	-3.8286e+01	4.5170e+00
	1073	0.0000e+00	0.0000e+00	0.0000e+00	3.0009e+00	-1.5687e+01	4.1075e+01

1052	19	0.0000e+00	0.0000e+00	0.0000e+00	4.6234e+02	7.6855e+01	9.7038e+01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-7.5211e+00	9.2232e+01	-4.3803e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	1.6355e+02	-8.3067e+00	1.1815e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	3.1822e+01	-1.1370e+02	1.5266e+02
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	1.7458e+02	4.8680e+00	-3.4866e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	1.5310e+02	-4.4047e+01	4.9258e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	3.1548e+02	4.1609e+01	3.1247e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	1.0936e+02	3.1802e+01	-2.1497e+01
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	1.3212e+02	-1.6162e+01	-9.6682e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	1.1124e+02	-9.2456e+00	1.5280e+01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	1.3438e+02	8.9490e+00	2.2286e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	1.5493e+02	6.5330e-01	-2.6626e+00
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.1710e+02	-1.3185e+01	-1.2242e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	9.6599e+01	-7.7932e+00	-4.6346e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	1.0492e+02	6.1325e+00	4.7743e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	1.2279e+02	-8.9068e+00	-2.8329e+00
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.2134e+02	-1.5814e+01	-1.7984e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	9.7943e+01	-1.3582e+01	-2.2739e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	9.6040e+01	5.7212e+00	-1.3086e+01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.1449e+02	-1.3007e+01	-8.3309e+00
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.4459e+02	-2.0848e+01	-2.2792e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	1.1562e+02	-2.2786e+01	-4.1281e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	1.0271e+02	2.2329e+00	-3.1679e+01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.2344e+02	-2.0553e+01	-1.3190e+01
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	2.0237e+02	-1.4094e+01	-1.7063e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	1.5773e+02	-2.9807e+01	-5.8940e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	1.2704e+02	-8.4374e+00	-5.3742e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.5592e+02	-3.5438e+01	-1.1865e+01
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	1.5427e+02	4.7793e+01	3.1348e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	4.2142e+02	-2.3959e+00	-5.4770e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	1.8555e+02	-5.7619e+01	-9.7217e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	2.3150e+02	-1.5638e+01	-1.1098e+01
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	1.0209e+02	7.7106e+00	-1.6660e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	1.3662e+02	1.7170e+01	-1.7755e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	1.3595e+02	1.2882e+01	-1.2484e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	1.0074e+02	1.0897e+01	-1.1389e+01
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	1.0838e+02	-6.7310e+00	-1.4953e+01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	1.2371e+02	-5.7788e+00	-1.1885e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	1.2968e+02	-1.0219e+01	-1.7262e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	1.0806e+02	2.4100e+00	-2.0331e+01
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	1.0923e+02	-1.0934e+01	-1.1300e+01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.1762e+02	-1.1295e+01	-9.6799e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	1.2189e+02	-1.2782e+01	-1.2726e+01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	1.0795e+02	-6.5292e+00	-1.4345e+01
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	1.1436e+02	-1.3410e+01	-5.9396e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.2298e+02	-1.5861e+01	-1.1032e+01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.1780e+02	-1.4833e+01	-1.3531e+01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	1.1016e+02	-1.1857e+01	-8.4387e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	1.2466e+02	-1.3099e+01	3.0670e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.4173e+02	-2.2509e+01	-9.0527e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.2582e+02	-1.9372e+01	-1.4782e+01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	1.1825e+02	-1.6343e+01	-2.6618e+00
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	1.3441e+02	-1.3606e+00	1.6800e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.6498e+02	-2.4211e+01	4.4899e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.4654e+02	-2.0865e+01	-8.0868e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	1.3018e+02	-1.6405e+01	4.2236e+00
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	1.2942e+02	2.0851e+01	8.3963e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	1.7523e+02	2.4945e+01	9.1692e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.7711e+02	9.2543e+00	1.2135e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	1.2896e+02	6.9090e+00	1.1362e+01
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	7.0459e+01	6.3149e-01	-1.2562e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	9.7328e+01	3.2040e+00	-1.4615e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	9.4159e+01	5.4558e+00	-1.0206e+01

	1255	0.0000e+00	0.0000e+00	0.0000e+00	6.9846e+01	-1.5470e+00	-8.1523e+00
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	7.3479e+01	-2.2108e-01	-1.3482e+01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	9.9263e+01	-5.1988e+00	-1.5432e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	9.5979e+01	-4.4027e-02	-1.7355e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	7.3169e+01	-8.4601e-01	-1.5405e+01
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	7.6643e+01	-1.6416e+00	-7.3920e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	1.0005e+02	-9.4412e+00	-8.9664e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	9.8379e+01	-7.2469e+00	-1.5290e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	7.5411e+01	-1.3159e+00	-1.3715e+01
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	8.0636e+01	-3.2139e+00	2.5260e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	1.0472e+02	-1.3072e+01	-1.1829e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	1.0048e+02	-1.0601e+01	-9.2948e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	7.8043e+01	-2.8445e+00	-5.5858e+00
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	8.5217e+01	-4.2670e+00	1.2526e+01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	1.1302e+02	-1.4253e+01	7.3518e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	1.0683e+02	-1.2829e+01	-9.1263e-01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	8.1882e+01	-4.8697e+00	4.2612e+00
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	8.7652e+01	-2.3399e+00	1.5647e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	1.1730e+02	-4.2471e+00	1.3761e+01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	1.1647e+02	-1.1468e+01	9.6790e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	8.5007e+01	-4.5114e+00	1.1565e+01
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	8.5709e+01	3.4356e+00	5.3219e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	1.1710e+02	1.3430e+01	7.1306e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	1.2129e+02	2.8744e+00	1.2825e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	8.4844e+01	5.0423e-01	1.1016e+01
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	3.6013e+01	-6.5468e+00	-1.2650e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	6.3771e+01	-4.1389e+00	-1.1995e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	6.2307e+01	-5.5712e+00	-7.3688e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	3.8683e+01	-1.3209e+01	-8.0230e+00
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	3.5095e+01	4.0304e+00	-1.3561e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	6.3663e+01	-1.8454e+00	-1.2851e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	6.2041e+01	-2.3242e+00	-1.4908e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	3.8025e+01	-3.7341e+00	-1.5618e+01
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	3.6556e+01	8.8783e+00	-5.3183e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	6.4180e+01	-9.4944e-01	-6.0757e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	6.2414e+01	-7.6264e-01	-1.3604e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	3.6926e+01	5.7570e+00	-1.2847e+01
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	3.8254e+01	8.9072e+00	5.9605e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	6.6545e+01	-2.4312e+00	4.3115e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	6.4213e+01	-7.8338e-01	-5.3459e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	3.7548e+01	8.8486e+00	-3.6970e+00
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	4.0105e+01	3.8086e+00	1.5909e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	7.0105e+01	-4.6600e+00	1.3637e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	6.7919e+01	-2.6745e+00	5.3192e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	3.8105e+01	6.9180e+00	7.5917e+00
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	4.3391e+01	-7.0082e+00	1.8028e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	7.3373e+01	-4.8539e+00	1.5231e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	7.3024e+01	-5.4234e+00	1.3396e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	3.8586e+01	7.1521e-01	1.6193e+01
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	4.4755e+01	-1.4274e+01	5.7232e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	7.5123e+01	-2.7012e+00	4.6352e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	7.6784e+01	-5.4232e+00	1.2086e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	4.1090e+01	-1.0029e+01	1.3174e+01
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	-4.5615e+00	-1.4728e+01	-1.7877e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	2.9519e+01	-1.2013e+01	-1.3672e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	3.0419e+01	-1.8179e+01	-6.6829e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	2.2841e+00	-3.0641e+01	-1.0887e+01
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	-4.1675e+00	1.1566e+01	-1.4741e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	2.4127e+01	3.3398e+00	-1.2243e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	2.5241e+01	-5.1645e+00	-1.7056e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-6.7890e-01	-2.9393e+00	-1.9554e+01
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	1.0851e+00	1.8319e+01	-3.0754e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	2.3258e+01	1.0427e+01	-4.8216e+00

	1532	0.0000e+00	0.0000e+00	0.0000e+00	2.3247e+01	6.2573e+00	-1.3133e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-2.1203e+00	1.6412e+01	-1.1386e+01
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	3.6243e-01	1.9921e+01	5.0725e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	2.3789e+01	9.7433e+00	5.5853e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	2.3418e+01	1.1101e+01	-2.9424e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	1.6782e+00	1.9440e+01	-3.4553e+00
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	-6.3858e+00	1.5783e+01	1.4350e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	2.4353e+01	3.0573e+00	1.6808e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	2.3435e+01	9.8446e+00	7.4197e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-9.3872e-01	1.7504e+01	4.9615e+00
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	-4.7834e+00	-8.9538e+00	2.3451e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	2.7750e+01	-9.9321e+00	1.9954e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	2.5880e+01	1.4177e-01	1.5304e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-9.3545e+00	9.2621e+00	1.8800e+01
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	-2.5106e+00	-4.0211e+01	8.6425e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	3.4681e+01	-2.1990e+01	4.0434e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	3.3792e+01	-1.7418e+01	1.5310e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.0094e+01	-2.3662e+01	1.9909e+01
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-6.7255e+01	-3.1107e+01	-2.3538e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-8.6632e+00	-2.0702e+01	-1.9853e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-8.2189e+00	-4.0213e+01	-1.0009e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-6.0911e+01	-5.1182e+01	-1.3694e+01
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	-2.9510e+01	2.0479e+01	2.3638e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.8664e+01	1.8845e+01	-9.4268e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-2.0308e+01	-5.4675e+00	-2.6006e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-4.9585e+01	2.8899e+01	-1.4215e+01
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.3170e+01	1.9996e+01	4.8654e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-9.3440e+00	2.1319e+01	-4.0720e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.1962e+01	1.5191e+01	-7.2018e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-2.7016e+01	2.3310e+01	1.7356e+00
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.4926e+01	2.0206e+01	-2.4378e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-9.3253e+00	1.9760e+01	-2.0810e-02
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-7.5597e+00	2.0582e+01	1.2250e-01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.2239e+01	1.9825e+01	-2.2945e+00
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-3.9091e+01	2.5359e+01	-4.9572e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.8312e+01	1.3367e+01	9.2983e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.3283e+01	2.2284e+01	4.3447e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.7860e+01	2.1049e+01	-9.9108e+00
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	-6.7948e+01	3.0795e+01	1.7071e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-3.0445e+01	-1.2983e+01	3.2252e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-2.6982e+01	1.8592e+01	1.1216e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-4.3447e+01	2.0492e+01	-3.9649e+00
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-8.7571e+01	-6.9935e+01	9.3754e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.4195e+01	-5.4319e+01	6.8546e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.3587e+01	-3.2820e+01	2.3646e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-9.2823e+01	-5.3666e+01	2.6167e+01
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	-3.1823e+01	1.1370e+02	1.5266e+02
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.6355e+02	8.3068e+00	1.1815e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	7.5197e+00	-9.2231e+01	-4.3803e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	-4.6234e+02	-7.6855e+01	9.7038e+01
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	-3.0017e+00	1.5687e+01	4.1075e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-3.7301e+01	3.8286e+01	4.5168e+00
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.1208e+02	1.4464e+01	2.5499e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	4.4328e+00	-8.4984e+00	6.2057e+01
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	1.1101e+01	4.9343e+00	1.2548e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-9.4665e+00	1.8354e+01	1.5560e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-2.2196e+01	2.0208e+01	1.8690e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	3.5820e+00	-3.5763e+00	2.9682e+01
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	1.2011e+01	-2.0084e+00	-1.4185e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.0260e+01	1.7349e+01	-1.2170e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-7.1635e+00	1.6918e+01	4.5266e+00
	1009	0.0000e+00	0.0000e+00	0.0000e+00	1.2627e+01	2.0432e-02	2.5110e+00
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	-2.9454e+00	-7.9225e+00	-4.5014e+01

	1517	0.0000e+00	0.0000e+00	0.0000e+00	-3.5201e+01	2.1679e+01	-2.7897e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.4904e+01	1.9879e+01	-8.4059e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	8.2873e+00	7.1559e+00	-2.5522e+01
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	-5.3121e+00	-1.9713e+01	-8.5342e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.5756e+02	9.8081e+00	-3.4700e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-5.6348e+01	4.6078e+01	-8.7132e+00
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.3234e+01	1.9170e+01	-5.9355e+01
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-6.3994e+02	-1.5503e+02	-1.4401e+02
	1162	0.0000e+00	0.0000e+00	0.0000e+00	1.6903e+01	-1.2888e+02	4.1054e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-2.2262e+02	-6.5254e+00	-1.9707e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-5.9511e+01	1.5156e+02	-2.0477e+02
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	-1.3502e+02	1.7780e+01	-3.0751e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-8.9500e+01	-1.1911e+01	-6.9781e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-2.0551e+02	7.6522e+01	-5.2745e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-9.0910e+01	9.8394e+00	-1.3716e+01
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	-1.0175e+02	1.0421e+01	-2.4391e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-6.8195e+01	-4.3520e+01	-4.5815e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-7.3769e+01	5.3254e+01	-5.1108e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-1.3564e+02	1.0807e+01	-2.9684e+01
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	-8.9668e+01	-9.1196e+00	-2.2925e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-6.2211e+01	-4.9926e+01	-3.1138e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-6.2217e+01	2.1469e+01	-3.9215e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-1.0479e+02	-1.7977e+00	-3.1002e+01
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	-8.9271e+01	-1.9771e+01	-1.6293e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-6.4281e+01	-4.9509e+01	-1.6995e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-6.0074e+01	-4.1407e+00	-2.5853e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-9.4771e+01	-1.4642e+01	-2.5152e+01
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	-9.6620e+01	-2.3824e+01	-7.6393e+00
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-7.2629e+01	-4.4279e+01	-2.1922e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-6.5205e+01	-2.2149e+01	-1.1863e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	-9.4011e+01	-2.1605e+01	-1.7310e+01
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	-1.1185e+02	-2.2284e+01	2.3727e+00
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-8.7725e+01	-3.5404e+01	1.4345e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-7.6391e+01	-3.2875e+01	3.5974e+00
	1501	0.0000e+00	0.0000e+00	0.0000e+00	-1.0113e+02	-2.2656e+01	-8.3750e+00
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	-1.3774e+02	-1.6180e+01	1.3114e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-1.1220e+02	-2.3922e+01	3.3745e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-9.4794e+01	-3.6533e+01	2.1633e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	-1.1715e+02	-1.7975e+01	1.0017e+00
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	-1.8127e+02	-8.2270e+00	2.2651e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-1.5285e+02	-1.1847e+01	5.7318e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-1.2401e+02	-3.2331e+01	4.4063e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	-1.4624e+02	-7.1683e+00	9.3957e+00
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	-2.6399e+02	-1.5650e+01	2.0155e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-2.2466e+02	-7.3236e+00	8.2960e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-1.7239e+02	-1.5621e+01	7.3787e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	-2.0057e+02	1.2626e+01	1.0982e+01
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	-1.8959e+02	-7.8202e+01	-2.6393e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	-5.9379e+02	-6.0832e+01	8.9434e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-2.6614e+02	6.1887e+01	1.3404e+02
	1497	0.0000e+00	0.0000e+00	0.0000e+00	-3.0387e+02	-1.7610e+01	1.8216e+01
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	-1.2153e+02	9.6885e-01	-2.5419e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-1.2537e+02	2.1872e+01	-2.8520e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-1.8276e+02	5.1272e+00	-2.3629e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-6.9844e+01	1.5411e+01	-2.0528e+01
1113	1494	0.0000e+00	0.0000e+00	0.0000e+00	-1.1496e+02	3.6242e+00	-2.0508e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-1.1212e+02	5.2345e+00	-2.8921e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-1.1842e+02	1.1648e+01	-2.5042e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	-1.2416e+02	4.8366e+00	-1.6629e+01
1114	1493	0.0000e+00	0.0000e+00	0.0000e+00	-1.0866e+02	-7.4333e+00	-2.2522e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-1.0272e+02	-7.0922e+00	-2.8399e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-1.1129e+02	-3.7339e+00	-2.8870e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-1.1091e+02	-2.3702e+00	-2.2993e+01



1115 1492 0.0000e+00 0.0000e+00 0.0000e+00 -1.0574e+02 -1.4764e+01 -2.0738e+01  
1502 0.0000e+00 0.0000e+00 0.0000e+00 -1.0118e+02 -1.6810e+01 -2.1989e+01  
1503 0.0000e+00 0.0000e+00 0.0000e+00 -1.0271e+02 -1.5626e+01 -2.5211e+01  
1493 0.0000e+00 0.0000e+00 0.0000e+00 -1.0652e+02 -1.0676e+01 -2.3959e+01

1116 1491 0.0000e+00 0.0000e+00 0.0000e+00 -1.0837e+02 -1.7843e+01 -1.7804e+01  
1501 0.0000e+00 0.0000e+00 0.0000e+00 -1.0648e+02 -2.0638e+01 -1.4191e+01  
1502 0.0000e+00 0.0000e+00 0.0000e+00 -1.0255e+02 -2.1610e+01 -1.8250e+01  
1492 0.0000e+00 0.0000e+00 0.0000e+00 -1.0564e+02 -1.5591e+01 -2.1863e+01

1117 1490 0.0000e+00 0.0000e+00 0.0000e+00 -1.1701e+02 -1.6837e+01 -1.5180e+01  
1500 0.0000e+00 0.0000e+00 0.0000e+00 -1.1926e+02 -1.8988e+01 -6.2377e+00  
1501 0.0000e+00 0.0000e+00 0.0000e+00 -1.0941e+02 -2.1989e+01 -9.9057e+00  
1491 0.0000e+00 0.0000e+00 0.0000e+00 -1.1038e+02 -1.6176e+01 -1.8848e+01

1118 1489 0.0000e+00 0.0000e+00 0.0000e+00 -1.3212e+02 -1.3258e+01 -1.4747e+01  
1499 0.0000e+00 0.0000e+00 0.0000e+00 -1.4127e+02 -1.2322e+01 3.9065e-01  
1500 0.0000e+00 0.0000e+00 0.0000e+00 -1.2413e+02 -1.7530e+01 -1.4209e+00  
1490 0.0000e+00 0.0000e+00 0.0000e+00 -1.2137e+02 -1.2660e+01 -1.6558e+01

1119 1488 0.0000e+00 0.0000e+00 0.0000e+00 -1.5076e+02 -1.1578e+01 -1.9126e+01  
1498 0.0000e+00 0.0000e+00 0.0000e+00 -1.7570e+02 -1.9304e+00 2.0539e+00  
1499 0.0000e+00 0.0000e+00 0.0000e+00 -1.4838e+02 -9.8669e+00 5.1766e+00  
1489 0.0000e+00 0.0000e+00 0.0000e+00 -1.3907e+02 -7.0000e+00 -1.6004e+01

1120 1487 0.0000e+00 0.0000e+00 0.0000e+00 -1.6697e+02 -2.1497e+01 -2.8244e+01  
1497 0.0000e+00 0.0000e+00 0.0000e+00 -2.1008e+02 3.5676e+00 -9.4714e+00  
1498 0.0000e+00 0.0000e+00 0.0000e+00 -1.8431e+02 -7.1872e+00 1.2737e+00  
1488 0.0000e+00 0.0000e+00 0.0000e+00 -1.5815e+02 -5.4551e+00 -1.7499e+01

1121 1426 0.0000e+00 0.0000e+00 0.0000e+00 -1.6314e+02 -3.6837e+01 -9.3398e+00  
1437 0.0000e+00 0.0000e+00 0.0000e+00 -2.3236e+02 -4.2740e+01 -4.7009e+00  
1497 0.0000e+00 0.0000e+00 0.0000e+00 -2.2744e+02 -4.4193e+01 -1.4316e+01  
1487 0.0000e+00 0.0000e+00 0.0000e+00 -1.5950e+02 -2.9217e+01 -1.8955e+01

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1486 0.0000e+00 0.0000e+00 0.0000e+00 -3.5683e+01 2.1830e+01 -2.2840e+01

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1494 0.0000e+00 0.0000e+00 0.0000e+00 -1.0935e+02 -1.4880e+00 -1.8809e+01  
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1492 0.0000e+00 0.0000e+00 0.0000e+00 -1.0328e+02 -1.4087e+01 -2.2581e+01  
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1165 779 0.0000e+00 0.0000e+00 0.0000e+00 -3.3682e+01 9.7181e+00 -2.1650e+01  
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780 0.0000e+00 0.0000e+00 0.0000e+00 -3.5047e+01 1.1170e+01 -3.2487e+01

1166 778 0.0000e+00 0.0000e+00 0.0000e+00 -3.1652e+01 9.6818e+00 -5.5750e+00  
1451 0.0000e+00 0.0000e+00 0.0000e+00 -3.1307e+01 -3.0315e+00 -7.8058e+00  
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779 0.0000e+00 0.0000e+00 0.0000e+00 -3.3083e+01 1.0048e+01 -1.6620e+01

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778 0.0000e+00 0.0000e+00 0.0000e+00 -3.0328e+01 7.0146e+00 -6.6378e-02

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1398 0.0000e+00 0.0000e+00 0.0000e+00 -4.9672e+01 -1.0484e+01 -7.0615e+00

1209 1396 0.0000e+00 0.0000e+00 0.0000e+00 -4.2629e+01 -9.9545e+00 -1.7215e+01  
1407 0.0000e+00 0.0000e+00 0.0000e+00 -6.9668e+01 -4.5090e+00 -1.8049e+01

1408 0.0000e+00 0.0000e+00 0.0000e+00 -6.9149e+01 -6.8528e+00 -1.3123e+01  
1397 0.0000e+00 0.0000e+00 0.0000e+00 -4.4837e+01 -1.1131e+01 -1.2290e+01

1210 1395 0.0000e+00 0.0000e+00 0.0000e+00 -4.3767e+01 7.2309e-01 -1.7497e+01  
1406 0.0000e+00 0.0000e+00 0.0000e+00 -7.1523e+01 -2.0952e+00 -1.5849e+01  
1407 0.0000e+00 0.0000e+00 0.0000e+00 -7.1631e+01 -4.2599e+00 -1.5817e+01  
1396 0.0000e+00 0.0000e+00 0.0000e+00 -4.0319e+01 -7.1413e+00 -1.7465e+01

1211 1394 0.0000e+00 0.0000e+00 0.0000e+00 -4.3892e+01 1.3142e+01 -3.5427e+00  
1405 0.0000e+00 0.0000e+00 0.0000e+00 -7.5976e+01 1.9492e+00 -1.5487e+00  
1406 0.0000e+00 0.0000e+00 0.0000e+00 -7.5271e+01 -2.9517e-01 -1.0474e+01  
1395 0.0000e+00 0.0000e+00 0.0000e+00 -4.0556e+01 6.1305e+00 -1.2468e+01

1212 1392 0.0000e+00 0.0000e+00 0.0000e+00 1.8139e+01 3.3328e+01 2.2284e+01  
1403 0.0000e+00 0.0000e+00 0.0000e+00 -4.2454e+01 2.4819e+01 1.6672e+01  
1404 0.0000e+00 0.0000e+00 0.0000e+00 -4.3774e+01 3.1220e+01 2.7114e-02  
1393 0.0000e+00 0.0000e+00 0.0000e+00 8.0877e+00 5.5570e+01 5.6391e+00

1213 1391 0.0000e+00 0.0000e+00 0.0000e+00 9.6800e+00 -1.4068e+01 1.8040e+01  
1402 0.0000e+00 0.0000e+00 0.0000e+00 -3.2481e+01 -1.3928e+00 1.6977e+01  
1403 0.0000e+00 0.0000e+00 0.0000e+00 -3.2602e+01 1.3259e+01 2.4949e+01  
1392 0.0000e+00 0.0000e+00 0.0000e+00 7.6476e+00 1.0198e+01 2.6011e+01

1214 1390 0.0000e+00 0.0000e+00 0.0000e+00 -1.0978e+01 -1.6626e+01 -8.6908e-02  
1401 0.0000e+00 0.0000e+00 0.0000e+00 -3.5634e+01 -1.0794e+01 8.8876e+00  
1402 0.0000e+00 0.0000e+00 0.0000e+00 -3.3155e+01 -2.2019e+00 1.9680e+01  
1391 0.0000e+00 0.0000e+00 0.0000e+00 4.7290e+00 -1.7675e+01 1.0706e+01

1215 1389 0.0000e+00 0.0000e+00 0.0000e+00 -2.4521e+01 -1.2933e+01 -4.9273e+00  
1400 0.0000e+00 0.0000e+00 0.0000e+00 -4.1988e+01 -1.0337e+01 1.5542e+00  
1401 0.0000e+00 0.0000e+00 0.0000e+00 -3.9175e+01 -7.4023e+00 7.4393e+00  
1390 0.0000e+00 0.0000e+00 0.0000e+00 -1.4201e+01 -1.6424e+01 9.5790e-01

1216 1388 0.0000e+00 0.0000e+00 0.0000e+00 -2.9508e+01 -1.0451e+01 -4.7337e+00  
1399 0.0000e+00 0.0000e+00 0.0000e+00 -4.4550e+01 -9.1041e+00 -2.7203e+00  
1400 0.0000e+00 0.0000e+00 0.0000e+00 -4.4081e+01 -8.0365e+00 -8.2227e-03  
1389 0.0000e+00 0.0000e+00 0.0000e+00 -2.5897e+01 -1.2043e+01 -2.0217e+00

1217 1387 0.0000e+00 0.0000e+00 0.0000e+00 -2.6878e+01 -1.1523e+01 -3.3679e+00  
1398 0.0000e+00 0.0000e+00 0.0000e+00 -4.2586e+01 -9.4856e+00 -5.6089e+00  
1399 0.0000e+00 0.0000e+00 0.0000e+00 -4.4632e+01 -8.9983e+00 -3.7334e+00  
1388 0.0000e+00 0.0000e+00 0.0000e+00 -2.9373e+01 -1.0663e+01 -1.4924e+00

1218 1386 0.0000e+00 0.0000e+00 0.0000e+00 -1.7134e+01 -1.5497e+01 -3.6843e+00  
1397 0.0000e+00 0.0000e+00 0.0000e+00 -3.6749e+01 -1.0397e+01 -9.7482e+00  
1398 0.0000e+00 0.0000e+00 0.0000e+00 -4.0772e+01 -1.1426e+01 -6.4515e+00  
1387 0.0000e+00 0.0000e+00 0.0000e+00 -2.5397e+01 -1.2834e+01 -3.8764e-01

1219 1385 0.0000e+00 0.0000e+00 0.0000e+00 -1.5741e+00 -1.7576e+01 -8.8169e+00  
1396 0.0000e+00 0.0000e+00 0.0000e+00 -3.0041e+01 -7.5011e+00 -1.6846e+01  
1397 0.0000e+00 0.0000e+00 0.0000e+00 -3.3557e+01 -1.3308e+01 -1.0159e+01  
1386 0.0000e+00 0.0000e+00 0.0000e+00 -1.4327e+01 -1.6432e+01 -2.1304e+00

1220 1384 0.0000e+00 0.0000e+00 0.0000e+00 2.4471e+00 1.9238e+00 -1.9268e+01  
1395 0.0000e+00 0.0000e+00 0.0000e+00 -2.7929e+01 4.6253e+00 -1.9716e+01  
1396 0.0000e+00 0.0000e+00 0.0000e+00 -2.8646e+01 -7.2088e+00 -1.4179e+01  
1385 0.0000e+00 0.0000e+00 0.0000e+00 2.2559e+00 -1.5438e+01 -1.3730e+01

1221 1383 0.0000e+00 0.0000e+00 0.0000e+00 2.7508e+00 3.7849e+01 -6.3688e+00  
1394 0.0000e+00 0.0000e+00 0.0000e+00 -3.5318e+01 2.1480e+01 -2.2327e+00  
1395 0.0000e+00 0.0000e+00 0.0000e+00 -3.4206e+01 1.3549e+01 -1.3275e+01  
1384 0.0000e+00 0.0000e+00 0.0000e+00 1.0019e+01 1.8978e+01 -1.7411e+01

1222 1381 0.0000e+00 0.0000e+00 0.0000e+00 1.3288e+02 4.8759e+01 2.7378e+01  
1392 0.0000e+00 0.0000e+00 0.0000e+00 2.5803e+01 4.5053e+01 2.2281e+01  
1393 0.0000e+00 0.0000e+00 0.0000e+00 2.2088e+01 7.5057e+01 2.8941e+00  
1382 0.0000e+00 0.0000e+00 0.0000e+00 1.2627e+02 1.0962e+02 7.9911e+00

1223 1380 0.0000e+00 0.0000e+00 0.0000e+00 4.8766e+01 -2.8826e+01 -2.4314e+01  
1391 0.0000e+00 0.0000e+00 0.0000e+00 3.3069e+01 -2.8514e+01 5.5586e+00  
1392 0.0000e+00 0.0000e+00 0.0000e+00 4.6897e+01 1.6165e+01 3.6479e+01  
1381 0.0000e+00 0.0000e+00 0.0000e+00 9.5468e+01 -4.4561e+01 6.6070e+00

1224 1379 0.0000e+00 0.0000e+00 0.0000e+00 7.3407e+00 -2.0018e+01 -2.7719e+01  
1390 0.0000e+00 0.0000e+00 0.0000e+00 1.6480e+00 -2.1521e+01 -3.5740e+00  
1391 0.0000e+00 0.0000e+00 0.0000e+00 1.6031e+01 -1.4491e+01 1.4829e+00  
1380 0.0000e+00 0.0000e+00 0.0000e+00 4.1883e+01 -2.5976e+01 -2.2662e+01

1225 1378 0.0000e+00 0.0000e+00 0.0000e+00 -1.1885e+01 -1.0021e+01 -1.6816e+01

	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.7864e+01	-1.3675e+01	-4.9950e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-7.0914e+00	-1.4236e+01	-7.3617e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	1.2965e+00	-1.3219e+01	-1.9183e+01
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	-1.8596e+01	-5.4318e+00	-6.6097e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-2.4931e+01	-9.4776e+00	-2.8596e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-2.1357e+01	-1.0175e+01	-6.7596e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-1.4571e+01	-6.5219e+00	-1.0510e+01
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	-1.6592e+01	-5.8385e+00	2.8877e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-2.2785e+01	-9.9461e+00	5.5568e-01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-2.5248e+01	-9.1149e+00	-3.5456e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-1.8855e+01	-5.1264e+00	-1.2135e+00
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	-5.1614e+00	-1.1083e+01	1.1737e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-1.1814e+01	-1.3558e+01	2.8467e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-2.0289e+01	-1.2399e+01	-3.8606e-01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-1.4700e+01	-8.4924e+00	8.5039e+00
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	2.4471e+01	-2.1512e+01	1.6709e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	6.3405e+00	-1.4973e+01	-1.4516e+00
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-5.2286e+00	-1.9046e+01	6.0890e-01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-7.5875e-01	-1.6574e+01	1.8769e+01
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	6.5941e+01	-3.7548e+01	-2.8651e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	3.0255e+01	6.3194e+00	-2.6179e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	1.9573e+01	-2.5657e+01	-4.2544e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	2.9381e+01	-2.5068e+01	1.9059e+01
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	8.6743e+01	7.6059e+01	-8.7479e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	1.3792e+01	5.1133e+01	-4.5773e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	1.7196e+01	2.6544e+01	-1.5916e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	9.1791e+01	2.4000e+01	-2.0087e+01
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	7.3009e+01	-1.9118e+02	-2.9433e+02
	1381	0.0000e+00	0.0000e+00	0.0000e+00	2.9025e+02	-1.6958e+01	-3.6344e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-1.2462e+01	1.9075e+02	5.7700e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	8.9848e+02	1.7933e+02	-2.0029e+02
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	1.0354e+01	-2.3294e+01	-9.0165e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	5.8609e+01	-5.1845e+01	-2.6773e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	1.9094e+02	-2.7262e+01	-6.4628e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	6.4781e+00	1.8913e+01	-1.2802e+02
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	-1.4131e+01	-4.7530e+00	-4.8099e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	4.1604e+00	-1.5769e+01	-2.8008e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	3.5039e+01	-2.4507e+01	-5.0259e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-4.2981e+00	8.4001e+00	-7.0350e+01
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	-2.0155e+01	4.0036e+00	-2.2979e+01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-1.4777e+01	-5.4054e+00	-1.6202e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-1.5316e+00	-1.1480e+01	-3.0478e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	-1.9666e+01	7.2924e+00	-3.7256e+01
1236	670	0.0000e+00	0.0000e+00	0.0000e+00	-2.1839e+01	6.8338e+00	-6.7326e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-2.0098e+01	-1.7876e+00	-4.9316e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-1.6326e+01	-4.0269e+00	-1.5305e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	-2.1961e+01	7.8283e+00	-1.7106e+01
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	-2.1756e+01	7.0985e+00	7.6737e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-1.8113e+01	-3.1932e+00	6.5153e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-2.0164e+01	-1.7480e+00	-3.2127e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-2.2053e+01	7.1636e+00	-2.0542e+00
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	-2.0203e+01	5.8258e+00	2.4729e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-7.5999e+00	-9.2612e+00	1.9878e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-1.6985e+01	-4.2698e+00	7.8574e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-2.0646e+01	4.3720e+00	1.2708e+01
1239	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.0083e+01	4.8722e+00	5.0502e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	1.8425e+01	-2.0310e+01	3.6446e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-3.6001e+00	-1.2399e+01	1.8921e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.6541e+01	-2.9875e+00	3.2978e+01
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	-4.2404e+00	7.9526e+00	9.3318e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	1.2886e+02	-2.6520e+01	4.8883e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	3.4963e+01	-3.9696e+01	2.0493e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-3.8134e-01	-1.8127e+01	6.4928e+01



1241	20	0.0000e+00	0.0000e+00	0.0000e+00	6.2459e+02	8.8284e+01	1.3699e+02
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-3.1337e+00	1.3055e+02	-5.0315e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	2.0257e+02	-2.6183e+01	2.6433e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	3.9349e+01	-1.3542e+02	2.1374e+02
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	-1.5967e+02	2.7692e+01	-2.6435e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-1.2275e+02	3.5236e+01	-9.4487e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	-2.9877e+02	3.1588e+01	-6.0642e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-1.2154e+02	-2.7678e+01	7.4096e+00
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	-9.6413e+01	2.8045e+01	-2.9436e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-7.7066e+01	1.1900e-01	-6.1878e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-1.0173e+02	3.8353e+01	-6.6135e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-1.3749e+02	1.8832e+01	-3.3693e+01
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	-6.7647e+01	1.2562e+01	-3.0320e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-5.4955e+01	-9.7004e+00	-4.7017e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-6.6298e+01	2.4783e+01	-5.3474e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-9.0138e+01	1.5266e+01	-3.6776e+01
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	-5.2731e+01	2.7980e+00	-2.6736e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-4.3167e+01	-1.4483e+01	-3.6216e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-4.8627e+01	1.1751e+01	-4.2108e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-6.6482e+01	6.1013e+00	-3.2628e+01
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	-4.4872e+01	-3.5744e+00	-2.2284e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-3.7229e+01	-1.6691e+01	-2.7367e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-3.9503e+01	1.6461e+00	-3.2651e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-5.2898e+01	-1.0406e+00	-2.7568e+01
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	-4.1811e+01	-7.3974e+00	-1.7582e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-3.5565e+01	-1.7399e+01	-1.9369e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-3.5439e+01	-5.4421e+00	-2.4321e+01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-4.5556e+01	-5.6686e+00	-2.2534e+01
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	-4.2964e+01	-9.3377e+00	-1.2745e+01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-3.7927e+01	-1.7324e+01	-1.1467e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-3.5345e+01	-9.7699e+00	-1.6369e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	-4.2955e+01	-8.0787e+00	-1.7648e+01
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	-4.8967e+01	-1.0158e+01	-7.9481e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-4.5508e+01	-1.7309e+01	-2.9369e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-3.9336e+01	-1.1421e+01	-7.9925e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	-4.4984e+01	-8.5917e+00	-1.3004e+01
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	-6.3605e+01	-1.2606e+01	-4.7078e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-6.2096e+01	-1.9559e+01	6.7545e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-4.9114e+01	-9.4866e+00	1.9723e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	-5.3361e+01	-6.9990e+00	-9.4899e+00
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	-4.4854e+01	-2.3619e+01	-8.0538e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	-1.4412e+02	-3.7239e+01	1.4472e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-7.0239e+01	7.8741e+00	1.8847e+01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	-7.3094e+01	-1.4382e+01	-3.6792e+00
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	-9.8136e+01	2.8869e+00	-6.5927e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-1.2806e+02	9.5124e+00	-9.9960e+00
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-1.3253e+02	-1.3324e+01	-9.4193e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-1.0057e+02	-7.8367e+00	-6.0160e+00
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	-8.9638e+01	1.7317e+01	-1.2204e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-9.5567e+01	2.1206e+01	-2.7528e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-1.1766e+02	2.1971e+01	-1.7975e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-9.8594e+01	7.0037e+00	-2.6517e+00
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	-7.1821e+01	1.1579e+01	-1.6257e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-7.2447e+01	1.3230e+01	-3.0250e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-9.0624e+01	1.4776e+01	-2.7612e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-8.1998e+01	1.1220e+01	-1.3619e+01
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	-5.7807e+01	4.4732e+00	-1.7678e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-5.7577e+01	4.5093e+00	-2.7226e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-6.8521e+01	5.6991e+00	-2.7672e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	-6.6210e+01	6.6167e+00	-1.8125e+01
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	-4.8695e+01	-9.9955e-01	-1.7371e+01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-4.8768e+01	-1.7329e+00	-2.3216e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-5.5041e+01	-1.1195e+00	-2.4740e+01

1347 0.0000e+00 0.0000e+00 0.0000e+00 -5.4265e+01 1.1548e+00 -1.8894e+01

1257 1345 0.0000e+00 0.0000e+00 0.0000e+00 -4.3483e+01 -4.5473e+00 -1.6154e+01  
1356 0.0000e+00 0.0000e+00 0.0000e+00 -4.4601e+01 -5.5285e+00 -1.9095e+01  
1357 0.0000e+00 0.0000e+00 0.0000e+00 -4.7397e+01 -5.4959e+00 -2.0925e+01  
1346 0.0000e+00 0.0000e+00 0.0000e+00 -4.6647e+01 -2.8649e+00 -1.7984e+01

1258 1344 0.0000e+00 0.0000e+00 0.0000e+00 -4.1421e+01 -6.6183e+00 -1.4754e+01  
1355 0.0000e+00 0.0000e+00 0.0000e+00 -4.4441e+01 -7.3035e+00 -1.5218e+01  
1356 0.0000e+00 0.0000e+00 0.0000e+00 -4.4215e+01 -7.8289e+00 -1.6884e+01  
1345 0.0000e+00 0.0000e+00 0.0000e+00 -4.2587e+01 -5.2270e+00 -1.6420e+01

1259 1343 0.0000e+00 0.0000e+00 0.0000e+00 -4.1500e+01 -8.0671e+00 -1.3786e+01  
1354 0.0000e+00 0.0000e+00 0.0000e+00 -4.8329e+01 -7.5068e+00 -1.2110e+01  
1355 0.0000e+00 0.0000e+00 0.0000e+00 -4.4962e+01 -8.7301e+00 -1.3039e+01  
1344 0.0000e+00 0.0000e+00 0.0000e+00 -4.1472e+01 -6.3366e+00 -1.4715e+01

1260 1342 0.0000e+00 0.0000e+00 0.0000e+00 -4.2497e+01 -1.0379e+01 -1.3160e+01  
1353 0.0000e+00 0.0000e+00 0.0000e+00 -5.3183e+01 -7.1772e+00 -1.1069e+01  
1354 0.0000e+00 0.0000e+00 0.0000e+00 -4.9525e+01 -9.9235e+00 -1.0845e+01  
1343 0.0000e+00 0.0000e+00 0.0000e+00 -4.1917e+01 -7.1624e+00 -1.2937e+01

1261 1341 0.0000e+00 0.0000e+00 0.0000e+00 -3.9410e+01 -1.0488e+01 -5.8861e+00  
1352 0.0000e+00 0.0000e+00 0.0000e+00 -5.7282e+01 -1.3447e+01 -5.7119e+00  
1353 0.0000e+00 0.0000e+00 0.0000e+00 -5.6670e+01 -1.7865e+01 -1.0126e+01  
1342 0.0000e+00 0.0000e+00 0.0000e+00 -3.9669e+01 -1.2111e+01 -1.0300e+01

1262 1339 0.0000e+00 0.0000e+00 0.0000e+00 -6.6363e+01 5.4830e+00 -4.8104e-01  
1350 0.0000e+00 0.0000e+00 0.0000e+00 -9.1777e+01 4.4372e+00 -2.3366e+00  
1351 0.0000e+00 0.0000e+00 0.0000e+00 -9.2619e+01 -2.7434e+00 -5.4053e+00  
1340 0.0000e+00 0.0000e+00 0.0000e+00 -6.9280e+01 2.2685e+00 -3.5497e+00

1263 1338 0.0000e+00 0.0000e+00 0.0000e+00 -6.2077e+01 8.3751e+00 -6.6344e-01  
1349 0.0000e+00 0.0000e+00 0.0000e+00 -8.0876e+01 1.2813e+01 -6.2356e+00  
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1339 0.0000e+00 0.0000e+00 0.0000e+00 -6.7456e+01 6.1814e+00 3.1371e+00

1264 1337 0.0000e+00 0.0000e+00 0.0000e+00 -5.4449e+01 6.1538e+00 -5.0415e+00  
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1338 0.0000e+00 0.0000e+00 0.0000e+00 -6.0234e+01 5.7180e+00 -1.0236e-01

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1347 0.0000e+00 0.0000e+00 0.0000e+00 -5.4727e+01 3.6227e+00 -1.6022e+01  
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1337 0.0000e+00 0.0000e+00 0.0000e+00 -5.1653e+01 2.6305e+00 -6.0193e+00

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1346 0.0000e+00 0.0000e+00 0.0000e+00 -4.6684e+01 -8.8682e-01 -1.6586e+01  
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1336 0.0000e+00 0.0000e+00 0.0000e+00 -4.4221e+01 -6.9339e-01 -1.0078e+01

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1340 0.0000e+00 0.0000e+00 0.0000e+00 -6.2015e+01 7.0578e+00 -3.4118e+00  
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1291 1308 0.0000e+00 0.0000e+00 0.0000e+00 1.1215e+00 1.1769e+01 -5.2594e+00  
1319 0.0000e+00 0.0000e+00 0.0000e+00 -1.0732e+01 6.3532e+00 -4.2441e+00  
1320 0.0000e+00 0.0000e+00 0.0000e+00 -1.0968e+01 2.2590e+00 -7.8408e+00  
1309 0.0000e+00 0.0000e+00 0.0000e+00 3.4152e+00 3.9433e+00 -8.8561e+00

1292 1306 0.0000e+00 0.0000e+00 0.0000e+00 6.5052e+01 3.0454e+01 1.1034e+01  
1317 0.0000e+00 0.0000e+00 0.0000e+00 7.4894e+00 2.7149e+01 8.9384e+00  
1318 0.0000e+00 0.0000e+00 0.0000e+00 6.2104e+00 4.1877e+01 -1.8660e+00  
1307 0.0000e+00 0.0000e+00 0.0000e+00 6.2085e+01 5.9901e+01 2.2950e-01

1293 1305 0.0000e+00 0.0000e+00 0.0000e+00 2.2142e+01 -1.1894e+01 -1.4762e+01  
1316 0.0000e+00 0.0000e+00 0.0000e+00 1.2334e+01 -1.1527e+01 -5.5639e-02  
1317 0.0000e+00 0.0000e+00 0.0000e+00 1.8972e+01 1.2012e+01 1.6063e+01  
1306 0.0000e+00 0.0000e+00 0.0000e+00 4.5303e+01 -1.9440e+01 1.3570e+00

1294 1304 0.0000e+00 0.0000e+00 0.0000e+00 1.4060e+00 -8.4740e+00 -1.6989e+01  
1315 0.0000e+00 0.0000e+00 0.0000e+00 -2.5059e+00 -8.9381e+00 -5.2809e+00  
1316 0.0000e+00 0.0000e+00 0.0000e+00 3.9329e+00 -4.6040e+00 -2.2402e+00  
1305 0.0000e+00 0.0000e+00 0.0000e+00 1.8691e+01 -1.1071e+01 -1.3948e+01

1295 1303 0.0000e+00 0.0000e+00 0.0000e+00 -7.6734e+00 -4.1172e+00 -1.1775e+01  
1314 0.0000e+00 0.0000e+00 0.0000e+00 -1.1265e+01 -5.7590e+00 -6.4722e+00  
1315 0.0000e+00 0.0000e+00 0.0000e+00 -6.6977e+00 -5.4670e+00 -7.3235e+00  
1304 0.0000e+00 0.0000e+00 0.0000e+00 -1.4948e+00 -5.4284e+00 -1.2627e+01

1296 1302 0.0000e+00 0.0000e+00 0.0000e+00 -1.0408e+01 -2.2632e+00 -6.9546e+00  
1313 0.0000e+00 0.0000e+00 0.0000e+00 -1.3816e+01 -4.1664e+00 -5.6614e+00  
1314 0.0000e+00 0.0000e+00 0.0000e+00 -1.2776e+01 -4.1582e+00 -7.3851e+00  
1303 0.0000e+00 0.0000e+00 0.0000e+00 -8.8274e+00 -2.6589e+00 -8.6783e+00

1297 1301 0.0000e+00 0.0000e+00 0.0000e+00 -9.2232e+00 -2.5640e+00 -2.5839e+00  
1312 0.0000e+00 0.0000e+00 0.0000e+00 -1.2210e+01 -4.5809e+00 -3.9574e+00  
1313 0.0000e+00 0.0000e+00 0.0000e+00 -1.3806e+01 -4.0057e+00 -5.8692e+00  
1302 0.0000e+00 0.0000e+00 0.0000e+00 -1.0411e+01 -2.2484e+00 -4.4958e+00

1298 1300 0.0000e+00 0.0000e+00 0.0000e+00 -4.5163e+00 -4.7451e+00 1.4115e+00  
1311 0.0000e+00 0.0000e+00 0.0000e+00 -7.2039e+00 -6.2710e+00 -2.3885e+00  
1312 0.0000e+00 0.0000e+00 0.0000e+00 -1.1058e+01 -5.5294e+00 -4.0655e+00  
1301 0.0000e+00 0.0000e+00 0.0000e+00 -8.3618e+00 -3.7449e+00 -2.6550e-01

1299 1299 0.0000e+00 0.0000e+00 0.0000e+00 6.3035e+00 -8.8295e+00 3.9418e+00  
1310 0.0000e+00 0.0000e+00 0.0000e+00 3.9310e-01 -7.2647e+00 -3.0096e+00  
1311 0.0000e+00 0.0000e+00 0.0000e+00 -4.5843e+00 -8.3026e+00 -2.8841e+00  
1300 0.0000e+00 0.0000e+00 0.0000e+00 -2.8047e+00 -6.9855e+00 4.0672e+00

1300 1298 0.0000e+00 0.0000e+00 0.0000e+00 2.2045e+01 -1.5074e+01 -2.2068e+00  
1309 0.0000e+00 0.0000e+00 0.0000e+00 9.5303e+00 -2.9888e-01 -1.1103e+01  
1310 0.0000e+00 0.0000e+00 0.0000e+00 5.4245e+00 -1.1040e+01 -3.8056e+00  
1299 0.0000e+00 0.0000e+00 0.0000e+00 8.1248e+00 -1.0670e+01 5.0906e+00

1301 1297 0.0000e+00 0.0000e+00 0.0000e+00 2.7266e+01 2.4103e+01 -6.7148e+00  
1308 0.0000e+00 0.0000e+00 0.0000e+00 5.1757e+00 1.5682e+01 -4.8001e+00  
1309 0.0000e+00 0.0000e+00 0.0000e+00 6.1224e+00 6.2858e+00 -7.4906e+00  
1298 0.0000e+00 0.0000e+00 0.0000e+00 3.0199e+01 3.1750e+00 -9.4053e+00

1302 557 0.0000e+00 0.0000e+00 0.0000e+00 3.7514e+01 -9.6722e+01 -1.5474e+02  
1306 0.0000e+00 0.0000e+00 0.0000e+00 1.4741e+02 -2.4126e+00 -2.1601e+01  
1307 0.0000e+00 0.0000e+00 0.0000e+00 -1.2476e+01 1.0312e+02 2.3871e+01  
19 0.0000e+00 0.0000e+00 0.0000e+00 4.6718e+02 1.0767e+02 -1.0927e+02

1303 556 0.0000e+00 0.0000e+00 0.0000e+00 4.0455e+00 -9.4267e+00 -4.8721e+01  
1305 0.0000e+00 0.0000e+00 0.0000e+00 2.7968e+01 -2.4163e+01 -1.5891e+01  
1306 0.0000e+00 0.0000e+00 0.0000e+00 9.6686e+01 -9.9124e+00 -3.5569e+01  
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1302 0.0000e+00 0.0000e+00 0.0000e+00 -1.0910e+01 -5.5098e-01 -6.0592e+00  
1303 0.0000e+00 0.0000e+00 0.0000e+00 -9.3993e+00 -1.4388e+00 -1.0886e+01  
554 0.0000e+00 0.0000e+00 0.0000e+00 -1.1736e+01 4.2783e+00 -1.1283e+01  
  
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1299 0.0000e+00 0.0000e+00 0.0000e+00 9.6029e+00 -1.4832e+01 5.7080e+00  
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1287 0.0000e+00 0.0000e+00 0.0000e+00 4.4852e+01 2.3619e+01 -8.0538e+00  
  
1313 1285 0.0000e+00 0.0000e+00 0.0000e+00 5.3361e+01 6.9985e+00 -9.4899e+00  
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1314 1284 0.0000e+00 0.0000e+00 0.0000e+00 4.4984e+01 8.5907e+00 -1.3004e+01  
1294 0.0000e+00 0.0000e+00 0.0000e+00 3.9336e+01 1.1419e+01 -7.9924e+00  
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1315 1283 0.0000e+00 0.0000e+00 0.0000e+00 4.2955e+01 8.0775e+00 -1.7647e+01  
1293 0.0000e+00 0.0000e+00 0.0000e+00 3.5345e+01 9.7683e+00 -1.6369e+01  
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1284 0.0000e+00 0.0000e+00 0.0000e+00 4.2963e+01 9.3365e+00 -1.2745e+01  
  
1316 1282 0.0000e+00 0.0000e+00 0.0000e+00 4.5555e+01 5.6674e+00 -2.2534e+01  
1292 0.0000e+00 0.0000e+00 0.0000e+00 3.5439e+01 5.4411e+00 -2.4320e+01  
1293 0.0000e+00 0.0000e+00 0.0000e+00 3.5565e+01 1.7398e+01 -1.9368e+01  
1283 0.0000e+00 0.0000e+00 0.0000e+00 4.1810e+01 7.3962e+00 -1.7582e+01  
  
1317 1281 0.0000e+00 0.0000e+00 0.0000e+00 5.2897e+01 1.0397e+00 -2.7568e+01  
1291 0.0000e+00 0.0000e+00 0.0000e+00 3.9504e+01 -1.6463e+00 -3.2651e+01  
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1282 0.0000e+00 0.0000e+00 0.0000e+00 4.4872e+01 3.5733e+00 -2.2284e+01  
  
1318 1280 0.0000e+00 0.0000e+00 0.0000e+00 6.6481e+01 -6.1017e+00 -3.2628e+01  
1290 0.0000e+00 0.0000e+00 0.0000e+00 4.8629e+01 -1.1750e+01 -4.2108e+01  
1291 0.0000e+00 0.0000e+00 0.0000e+00 4.3168e+01 1.4481e+01 -3.6216e+01  
1281 0.0000e+00 0.0000e+00 0.0000e+00 5.2731e+01 -2.7988e+00 -2.6735e+01  
  
1319 1279 0.0000e+00 0.0000e+00 0.0000e+00 9.0138e+01 -1.5265e+01 -3.6776e+01  
1289 0.0000e+00 0.0000e+00 0.0000e+00 6.6300e+01 -2.4780e+01 -5.3474e+01  
1290 0.0000e+00 0.0000e+00 0.0000e+00 5.4956e+01 9.6982e+00 -4.7017e+01

	1280	0.0000e+00	0.0000e+00	0.0000e+00	6.7647e+01	-1.2562e+01	-3.0319e+01
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.3749e+02	-1.8830e+01	-3.3694e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	1.0173e+02	-3.8348e+01	-6.6136e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	7.7069e+01	-1.2091e-01	-6.1878e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	9.6414e+01	-2.8044e+01	-2.9436e+01
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	1.2154e+02	2.7681e+01	7.4084e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	2.9878e+02	-3.1580e+01	-6.0644e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	1.2275e+02	-3.5237e+01	-9.4488e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.5967e+02	-2.7689e+01	-2.6436e+01
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	3.9667e+01	1.2111e+01	-1.0300e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	5.6669e+01	1.7865e+01	-1.0126e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	5.7280e+01	1.3448e+01	-5.7119e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	3.9408e+01	1.0488e+01	-5.8860e+00
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	4.1915e+01	7.1619e+00	-1.2937e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	4.9524e+01	9.9230e+00	-1.0845e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	5.3181e+01	7.1768e+00	-1.1069e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	4.2495e+01	1.0379e+01	-1.3160e+01
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	4.1470e+01	6.3357e+00	-1.4715e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	4.4961e+01	8.7291e+00	-1.3039e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	4.8328e+01	7.5059e+00	-1.2111e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	4.1498e+01	8.0665e+00	-1.3786e+01
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	4.2585e+01	5.2259e+00	-1.6419e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	4.4214e+01	7.8277e+00	-1.6883e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	4.4440e+01	7.3023e+00	-1.5218e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	4.1419e+01	6.6174e+00	-1.4754e+01
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	4.6645e+01	2.8638e+00	-1.7984e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	4.7396e+01	5.4946e+00	-2.0925e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	4.4600e+01	5.5272e+00	-1.9095e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	4.3482e+01	4.5462e+00	-1.6154e+01
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	5.4264e+01	-1.1557e+00	-1.8894e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	5.5041e+01	1.1184e+00	-2.4739e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	4.8767e+01	1.7318e+00	-2.3216e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	4.8693e+01	9.9847e-01	-1.7370e+01
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	6.6209e+01	-6.6171e+00	-1.8124e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	6.8520e+01	-5.6998e+00	-2.7672e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	5.7576e+01	-4.5100e+00	-2.7225e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	5.7806e+01	-4.4740e+00	-1.7677e+01
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	8.1997e+01	-1.1220e+01	-1.3619e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	9.0624e+01	-1.4776e+01	-2.7612e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	7.2447e+01	-1.3230e+01	-3.0249e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	7.1819e+01	-1.1579e+01	-1.6256e+01
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	9.8593e+01	-7.0024e+00	-2.6514e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.1766e+02	-2.1970e+01	-1.7975e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	9.5567e+01	-2.1205e+01	-2.7527e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	8.9637e+01	-1.7317e+01	-1.2204e+01
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	1.0057e+02	7.8390e+00	-6.0166e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	1.3253e+02	1.3327e+01	-9.4200e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.2806e+02	-9.5101e+00	-9.9961e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	9.8135e+01	-2.8853e+00	-6.5926e+00
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.6509e+01	5.7329e+00	-8.9165e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	3.7985e+01	9.1046e+00	-9.3816e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	3.7458e+01	7.1997e+00	-5.5882e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.6093e+01	3.0832e+00	-5.1231e+00
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	2.8513e+01	6.7141e+00	-1.2280e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	3.8713e+01	7.0768e+00	-1.3228e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	3.7369e+01	8.0820e+00	-1.1895e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.7935e+01	5.8127e+00	-1.0946e+01
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	3.1020e+01	6.3450e+00	-1.3061e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.8932e+01	6.3270e+00	-1.4026e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	3.8440e+01	6.3779e+00	-1.4176e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	2.9557e+01	6.6547e+00	-1.3210e+01
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	3.4205e+01	5.2172e+00	-1.2826e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	4.0858e+01	4.9689e+00	-1.4788e+01

	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.9218e+01	5.4176e+00	-1.5211e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	3.1869e+01	6.0043e+00	-1.3249e+01
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	3.8503e+01	3.3337e+00	-1.2045e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	4.5271e+01	2.3662e+00	-1.5354e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	4.1717e+01	3.8176e+00	-1.6052e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	3.5352e+01	4.2277e+00	-1.2743e+01
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	4.4219e+01	6.9259e-01	-1.0078e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	5.2641e+01	-1.8165e+00	-1.4997e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	4.6682e+01	8.8578e-01	-1.6586e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	4.0210e+01	1.5125e+00	-1.1666e+01
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.1651e+01	-2.6310e+00	-6.0186e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	6.3417e+01	-7.4495e+00	-1.2804e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	5.4725e+01	-3.6236e+00	-1.6021e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	4.6593e+01	-2.0914e+00	-9.2357e+00
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	6.0232e+01	-5.7180e+00	-1.0178e-01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	7.6922e+01	-1.2443e+01	-8.1448e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	6.6409e+01	-9.1794e+00	-1.3084e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.4447e+01	-6.1542e+00	-5.0409e+00
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	6.7453e+01	-6.1807e+00	3.1374e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	8.6787e+01	-9.2450e+00	-2.4347e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	8.0875e+01	-1.2813e+01	-6.2351e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	6.2075e+01	-8.3748e+00	-6.6296e-01
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	6.9278e+01	-2.2671e+00	-3.5501e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	9.2618e+01	2.7454e+00	-5.4057e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	9.1776e+01	-4.4359e+00	-2.3365e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	6.6361e+01	-5.4820e+00	-4.8093e-01
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.3053e+01	3.6125e-01	-8.2719e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.4341e+01	3.1039e+00	-8.2799e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.3748e+01	4.8233e-01	-4.7963e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.3630e+01	-3.6517e+00	-4.7884e+00
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.4676e+01	5.8173e+00	-1.0618e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	2.5375e+01	5.6001e+00	-1.1463e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.3812e+01	4.0529e+00	-1.0697e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.4525e+01	2.3221e+00	-9.8507e+00
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.8538e+01	7.0376e+00	-9.7739e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	2.7539e+01	6.1697e+00	-1.1966e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	2.5512e+01	5.4699e+00	-1.2862e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.6123e+01	6.3695e+00	-1.0669e+01
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	2.2793e+01	6.1049e+00	-8.7427e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	3.0948e+01	5.0553e+00	-1.1496e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	2.8357e+01	5.2714e+00	-1.2699e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.9805e+01	6.5962e+00	-9.9455e+00
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.6351e+01	4.7800e+00	-7.6666e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	3.5210e+01	2.9227e+00	-1.0447e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	3.1948e+01	4.0196e+00	-1.1954e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	2.3980e+01	5.1380e+00	-9.1740e+00
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.8895e+01	3.7005e+00	-5.4506e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	4.0136e+01	7.8175e-02	-8.1062e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	3.6122e+01	2.0670e+00	-1.0680e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.7529e+01	3.5252e+00	-8.0243e+00
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	3.0574e+01	2.4700e+00	-1.0514e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	4.5750e+01	-3.4262e+00	-3.6770e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	4.1007e+01	-5.4691e-01	-8.0058e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.9997e+01	2.1021e+00	-5.3802e+00
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	3.2658e+01	-8.6852e-01	4.9059e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	5.1732e+01	-6.9177e+00	1.9135e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	4.7087e+01	-4.0249e+00	-3.3030e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	3.1239e+01	2.2354e-01	-3.1070e-01
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	3.6769e+01	-8.4324e+00	7.3495e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	5.7062e+01	-8.4581e+00	3.8020e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	5.4442e+01	-7.8262e+00	1.8151e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	3.2201e+01	-3.9295e+00	5.3626e+00
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	3.7982e+01	-1.3824e+01	-1.3868e+00

	1255	0.0000e+00	0.0000e+00	0.0000e+00	6.2013e+01	-7.0566e+00	-3.4120e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	6.0887e+01	-8.9976e+00	1.5512e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	3.5004e+01	-1.2028e+01	3.5763e+00
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	-3.4169e+00	-3.9433e+00	-8.8560e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.0966e+01	-2.2591e+00	-7.8407e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.0730e+01	-6.3531e+00	-4.2441e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-1.1232e+00	-1.1769e+01	-5.2593e+00
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	4.9091e-01	7.7902e+00	-7.4922e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.0804e+01	5.4638e+00	-8.7343e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	9.4684e+00	9.4975e-01	-1.0307e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-6.9019e-01	1.7280e+00	-9.0650e+00
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	7.6575e+00	7.8587e+00	-4.2357e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.4679e+01	7.2698e+00	-8.2978e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.1937e+01	5.4162e+00	-1.0007e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	2.1683e+00	8.2004e+00	-5.9444e+00
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.2994e+01	6.1640e+00	-4.4015e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.9470e+01	5.9139e+00	-7.8482e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.6375e+01	5.9979e+00	-8.4970e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	9.1044e+00	7.0287e+00	-5.0503e+00
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.5688e+01	4.9972e+00	-5.2638e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.2999e+01	4.2097e+00	-7.2670e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	2.0605e+01	4.9735e+00	-7.7770e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.4023e+01	5.1928e+00	-5.7738e+00
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.5174e+01	5.2366e+00	-5.3981e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.4677e+01	2.9128e+00	-5.5624e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.3334e+01	4.0738e+00	-6.9313e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.6185e+01	4.4523e+00	-6.7671e+00
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.0698e+01	6.6845e+00	-3.4273e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	2.4318e+01	1.4899e+00	-1.4404e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.4074e+01	3.7360e+00	-4.7755e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.4967e+01	5.1249e+00	-6.7623e+00
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	2.4784e+00	6.3440e+00	2.2127e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	2.3324e+01	-2.3366e+00	5.5330e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	2.3007e+01	2.8048e+00	-5.5889e-01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	9.5230e+00	6.1496e+00	-3.8791e+00
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	2.1176e+00	-8.7998e+00	1.0634e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	2.4712e+01	-1.1010e+01	9.1195e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	2.3467e+01	-3.1030e+00	4.4263e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	2.9407e-01	3.9514e+00	5.9405e+00
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	1.6982e+00	-3.1465e+01	3.3444e-01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	3.1056e+01	-1.9943e+01	-2.5424e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	3.0070e+01	-1.6893e+01	5.3523e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-3.1450e+00	-2.0955e+01	8.2291e+00
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-3.0200e+01	-3.1750e+00	-9.4052e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-6.1239e+00	-6.2858e+00	-7.4905e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-5.1772e+00	-1.5681e+01	-4.8001e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-2.7267e+01	-2.4103e+01	-6.7148e+00
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	-8.1261e+00	1.0670e+01	5.0906e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-5.4260e+00	1.1040e+01	-3.8055e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-9.5318e+00	2.9876e-01	-1.1103e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-2.2047e+01	1.5074e+01	-2.2067e+00
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	2.8033e+00	6.9851e+00	4.0673e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	4.5827e+00	8.3021e+00	-2.8840e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-3.9469e-01	7.2643e+00	-3.0095e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-6.3048e+00	8.8291e+00	3.9418e+00
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	8.3603e+00	3.7443e+00	-2.6535e-01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.1057e+01	5.5288e+00	-4.0653e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	7.2022e+00	6.2705e+00	-2.3884e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	4.5149e+00	4.7447e+00	1.4116e+00
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	1.0409e+01	2.2479e+00	-4.4955e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.3804e+01	4.0050e+00	-5.8689e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.2208e+01	4.5803e+00	-3.9571e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	9.2217e+00	2.5635e+00	-2.5837e+00



1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	8.8258e+00	2.6584e+00	-8.6779e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.2775e+01	4.1576e+00	-7.3847e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.3814e+01	4.1658e+00	-5.6611e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	1.0406e+01	2.2627e+00	-6.9543e+00
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	1.4931e+00	5.4280e+00	-1.2626e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	6.6957e+00	5.4665e+00	-7.3230e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.1263e+01	5.7584e+00	-6.4717e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	7.6718e+00	4.1167e+00	-1.1775e+01
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.8693e+01	1.1070e+01	-1.3948e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-3.9349e+00	4.6037e+00	-2.2397e+00
	1236	0.0000e+00	0.0000e+00	0.0000e+00	2.5040e+00	8.9377e+00	-5.2804e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-1.4078e+00	8.4736e+00	-1.6988e+01
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	-4.5305e+01	1.9440e+01	1.3573e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-1.8974e+01	-1.2012e+01	1.6064e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-1.2336e+01	1.1527e+01	-5.5213e-02
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-2.2143e+01	1.1894e+01	-1.4762e+01
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	-6.2087e+01	-5.9900e+01	2.2969e-01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-6.2123e+00	-4.1877e+01	-1.8659e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-7.4914e+00	-2.7149e+01	8.9386e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-6.5054e+01	-3.0454e+01	1.1034e+01
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	-9.7726e+00	4.4699e+01	6.9637e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-6.6246e+01	1.5622e+01	6.5582e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-6.9991e+00	-4.1275e+01	-2.2370e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	-1.9684e+02	-1.3247e+01	4.0708e+01
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	2.3785e+00	7.5522e+00	2.0590e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-9.6041e+00	1.4832e+01	5.7080e+00
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-4.0480e+01	1.2019e+01	1.5309e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	3.0985e+00	3.4536e-01	3.0191e+01
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	7.8761e+00	1.5254e+00	9.4059e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	3.8392e+00	5.1520e+00	4.3549e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-3.9900e+00	8.4245e+00	1.0663e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	5.4703e+00	-4.0181e-01	1.5714e+01
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	9.8375e+00	-1.6660e+00	1.8473e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	9.0472e+00	1.9035e+00	-3.0159e-01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	5.3946e+00	3.9502e+00	4.3485e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	9.1358e+00	-1.6598e+00	6.4974e+00
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	1.1072e+01	-3.3259e+00	-4.3193e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	1.0727e+01	7.0016e-01	-5.2148e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	9.6807e+00	1.3557e+00	-1.0720e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	1.0303e+01	-2.7963e+00	-1.7647e-01
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	1.1735e+01	-4.2787e+00	-1.1283e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	9.3978e+00	1.4383e+00	-1.0885e+01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	1.0908e+01	5.5046e-01	-6.0589e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	1.1031e+01	-3.2602e+00	-6.4566e+00
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	1.1230e+01	-4.9074e+00	-2.1259e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	2.5249e+00	4.5066e+00	-1.8301e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	8.8341e+00	1.9072e+00	-1.1263e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	1.0914e+01	-2.5721e+00	-1.4221e+01
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	3.6889e+00	-6.7180e+00	-3.8241e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.5816e+01	1.0167e+01	-2.8219e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-2.3719e-01	6.4690e+00	-1.6903e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	8.4175e+00	1.0152e+00	-2.6925e+01
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	-1.8519e+00	-1.4196e+01	-6.8398e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-9.6687e+01	9.9123e+00	-3.5569e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-2.7970e+01	2.4163e+01	-1.5891e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-4.0467e+00	9.4264e+00	-4.8720e+01
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-4.6718e+02	-1.0767e+02	-1.0927e+02
	1222	0.0000e+00	0.0000e+00	0.0000e+00	1.2474e+01	-1.0312e+02	2.3872e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-1.4741e+02	2.4126e+00	-2.1600e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-3.7515e+01	9.6722e+01	-1.5474e+02
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	2.2006e+02	8.1240e+00	1.8582e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	1.9307e+02	-3.8607e+01	9.8846e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	4.2935e+02	4.7889e+01	6.9953e+01

	1212	0.0000e+00	0.0000e+00	0.0000e+00	1.4643e+02	5.8195e+01	-1.0312e+01
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.4656e+02	-6.7130e+00	1.0759e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	1.2842e+02	1.1111e+01	5.0544e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	1.6642e+02	1.1801e+01	6.0813e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	1.8919e+02	9.3533e+00	2.1028e+01
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.1326e+02	4.3927e+00	5.9839e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	9.7528e+01	1.9852e+01	2.5259e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	1.1571e+02	1.4125e+01	3.7218e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.3414e+02	5.9774e+00	1.7943e+01
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	9.9086e+01	8.9262e+00	-3.2691e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	8.2784e+01	2.0245e+01	5.3841e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	9.1157e+01	2.0088e+01	1.6573e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.0825e+02	9.3198e+00	7.9196e+00
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	9.6869e+01	8.8282e+00	-1.3306e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	7.8528e+01	1.5498e+01	-1.2345e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	8.0664e+01	2.4635e+01	-1.6082e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	9.6680e+01	1.0110e+01	-2.5692e+00
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.0529e+02	4.2593e+00	-2.3623e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	8.3521e+01	6.3620e+00	-2.9964e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	8.0019e+01	2.6410e+01	-1.9026e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	9.5939e+01	6.9215e+00	-1.2685e+01
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.2630e+02	-4.6505e+00	-3.4000e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	9.9297e+01	-6.8845e+00	-4.9187e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	8.8868e+01	2.4517e+01	-3.7401e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.0595e+02	-9.8236e-01	-2.2214e+01
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.6638e+02	-1.6365e+01	-4.2840e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	1.3218e+02	-2.3272e+01	-7.1750e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	1.0974e+02	1.7394e+01	-5.9057e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.3023e+02	-1.4570e+01	-3.0147e+01
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	2.5003e+02	-1.6194e+01	-3.8778e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	1.9947e+02	-3.7131e+01	-9.6915e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	1.5088e+02	6.0556e-01	-8.8185e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.8081e+02	-3.7566e+01	-3.0047e+01
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	2.0297e+02	7.3837e+01	3.2078e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	5.7674e+02	-4.9878e+00	-9.0302e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	2.3735e+02	-6.7009e+01	-1.5088e+02
	1203	0.0000e+00	0.0000e+00	0.0000e+00	2.9438e+02	-2.6261e+01	-2.8495e+01
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	1.2437e+02	1.8956e+01	-7.0350e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	1.7214e+02	2.4876e+01	-3.4809e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	1.7678e+02	3.2394e+01	3.6440e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	1.2693e+02	2.4249e+01	8.9869e-02
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	1.2131e+02	4.8288e-01	-7.5668e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.3861e+02	2.5907e+00	6.3767e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	1.5912e+02	-1.7777e+00	-2.3198e-01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	1.2906e+02	1.3376e+01	-1.4176e+01
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	1.0793e+02	1.7209e+00	-7.4459e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.1512e+02	4.3216e+00	5.0816e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.3294e+02	1.8831e+00	4.4710e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	1.1549e+02	5.6892e+00	-8.0566e+00
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	9.9335e+01	3.8088e+00	-8.6539e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.0304e+02	7.4991e+00	-2.3500e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.1124e+02	6.3221e+00	3.6615e-02
	1199	0.0000e+00	0.0000e+00	0.0000e+00	1.0391e+02	5.3011e+00	-6.2673e+00
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	9.8491e+01	3.3949e+00	-1.0570e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.0112e+02	7.3535e+00	-1.0546e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.0155e+02	7.3089e+00	-7.3341e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	9.8109e+01	4.9281e+00	-7.3586e+00
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	1.0571e+02	-2.3524e-01	-1.1914e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.0926e+02	3.0478e+00	-1.8308e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.0200e+02	4.1306e+00	-1.5488e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	1.0001e+02	1.8478e+00	-9.0942e+00
1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	1.2165e+02	-6.2810e+00	-1.0656e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.2919e+02	-5.6210e+00	-2.4409e+01

	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.1269e+02	-3.4860e+00	-2.3480e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	1.1028e+02	-4.6597e+00	-9.7272e+00
1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	1.4465e+02	-1.0231e+01	-3.2121e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.6529e+02	-1.7841e+01	-2.5145e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.3546e+02	-1.4987e+01	-2.9668e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	1.3003e+02	-1.3669e+01	-7.7351e+00
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	1.6862e+02	2.1166e+00	1.4480e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	2.0880e+02	-2.5834e+01	-9.0286e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.7355e+02	-2.3653e+01	-2.5337e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	1.5624e+02	-1.9410e+01	-1.8289e+00
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	1.6421e+02	3.1504e+01	2.7525e+00
	1143	0.0000e+00	0.0000e+00	0.0000e+00	2.3008e+02	4.2391e+01	1.3831e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	2.2743e+02	6.3006e+00	3.9122e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	1.6409e+02	1.2194e+01	5.2816e+00
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	8.2255e+01	6.8515e+00	-9.8020e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	1.1747e+02	1.3073e+01	-8.5744e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	1.1795e+02	1.5391e+01	-3.7256e-01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	8.4264e+01	5.4219e+00	-1.6002e+00
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	8.1575e+01	5.6552e+00	-1.5116e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	1.1039e+02	3.2101e+00	-1.2284e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	1.1279e+02	8.2088e+00	-1.2629e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	8.4910e+01	6.4447e+00	-1.5461e+01
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	7.9475e+01	5.6404e+00	-1.3307e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	1.0013e+02	3.3235e+00	-8.8533e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	1.0692e+02	2.2524e+00	-1.2513e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	8.1709e+01	7.1601e+00	-1.6967e+01
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	7.8184e+01	5.9181e+00	-9.7687e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	9.4273e+01	4.0728e+00	-7.6132e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	9.8171e+01	2.9788e+00	-1.0761e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	7.8653e+01	7.3476e+00	-1.2917e+01
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	7.9452e+01	5.1658e+00	-6.3465e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	9.4609e+01	2.6798e+00	-7.4169e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	9.3819e+01	3.5304e+00	-1.0057e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	7.8073e+01	6.2563e+00	-8.9867e+00
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	8.3779e+01	3.2088e+00	-1.8352e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	1.0149e+02	-1.6062e+00	-6.3614e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	9.5472e+01	1.5745e+00	-9.8940e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	8.0625e+01	3.7331e+00	-5.3678e+00
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	9.1502e+01	2.3164e-01	5.5749e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	1.1516e+02	-8.2616e+00	-2.5932e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	1.0379e+02	-3.2374e+00	-8.4959e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	8.6321e+01	-7.8593e-02	-3.2779e-01
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	1.0148e+02	-2.3187e+00	1.5230e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	1.3384e+02	-1.3231e+01	4.7504e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	1.1928e+02	-9.6643e+00	-3.4635e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	9.4802e+01	-4.3624e+00	7.0161e+00
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	1.0923e+02	-8.3001e-01	1.8128e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	1.4541e+02	-3.0697e+00	1.2241e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	1.3983e+02	-1.2265e+01	7.5656e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	1.0288e+02	-5.2751e+00	1.3452e+01
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	1.0721e+02	6.9617e+00	8.3651e-01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	1.5023e+02	2.0768e+01	1.3610e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	1.5324e+02	6.8495e+00	1.0770e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	1.0527e+02	2.0833e+00	1.0245e+01
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	4.0560e+01	-6.1243e+00	-1.2475e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	7.5276e+01	3.0268e-01	-1.0483e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	7.5979e+01	-1.9425e+00	-1.5564e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	4.3895e+01	-1.3136e+01	-3.5493e+00
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	4.0325e+01	7.1479e+00	-1.7474e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	7.1638e+01	4.2676e+00	-1.5828e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	7.1528e+01	2.1025e+00	-1.5858e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	4.3771e+01	-7.1691e-01	-1.7505e+01
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	4.4845e+01	1.1137e+01	-1.2300e+01

	1189	0.0000e+00	0.0000e+00	0.0000e+00	6.9158e+01	6.8602e+00	-1.3136e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	6.9675e+01	4.5164e+00	-1.8061e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	4.2635e+01	9.9609e+00	-1.7225e+01
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	4.9682e+01	1.0489e+01	-7.0731e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	6.9368e+01	6.8430e+00	-8.9333e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	6.9162e+01	5.7637e+00	-1.3895e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	4.6119e+01	1.1912e+01	-1.2035e+01
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	5.2446e+01	9.3220e+00	-3.2153e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	7.1544e+01	5.0893e+00	-4.9589e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	6.9952e+01	5.6862e+00	-9.3558e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	5.0505e+01	1.0133e+01	-7.6122e+00
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	5.2717e+01	9.1431e+00	1.5484e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	7.5052e+01	2.3240e+00	2.3656e-01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	7.1954e+01	4.5443e+00	-5.1932e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	5.3156e+01	8.4436e+00	-3.8813e+00
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	5.1053e+01	9.1049e+00	9.4630e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	7.9815e+01	-1.3081e+00	8.3358e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	7.5345e+01	2.4552e+00	3.9986e-01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	5.3239e+01	7.7079e+00	1.5271e+00
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	5.0324e+01	4.9734e+00	1.9451e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	8.5389e+01	-4.8786e+00	1.7499e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	8.1017e+01	-1.0420e+00	8.6986e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	5.0739e+01	6.4774e+00	1.0651e+01
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	5.4462e+01	-8.3123e+00	2.1875e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	9.0353e+01	-5.6450e+00	1.8182e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	8.9338e+01	-5.4851e+00	1.6470e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	4.7993e+01	5.6087e-01	2.0164e+01
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	5.4522e+01	-1.9559e+01	1.9118e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	9.6064e+01	-2.6250e+00	-3.9902e-02
	1183	0.0000e+00	0.0000e+00	0.0000e+00	9.6696e+01	-6.4497e+00	1.2541e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	4.9935e+01	-1.4350e+01	1.4493e+01
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.0015e+01	-1.8973e+01	-1.7417e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	3.4210e+01	-1.3544e+01	-1.3282e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	3.5321e+01	-2.1475e+01	-2.2389e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-2.7479e+00	-3.7845e+01	-6.3738e+00
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	-2.2500e+00	1.5443e+01	-1.3738e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	2.8653e+01	7.2150e+00	-1.4188e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	2.7934e+01	-4.6196e+00	-1.9724e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-2.4425e+00	-1.9191e+00	-1.9274e+01
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.4335e+01	1.6438e+01	-2.1388e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	3.3566e+01	1.3314e+01	-1.0169e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	3.0048e+01	7.5071e+00	-1.6855e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	1.5807e+00	1.7581e+01	-8.8245e+00
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	2.5408e+01	1.2839e+01	-3.9678e-01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	4.0783e+01	1.1432e+01	-6.4624e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	3.6758e+01	1.0403e+01	-9.7586e+00
	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.7142e+01	1.5502e+01	-3.6930e+00
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	2.9386e+01	1.0667e+01	-1.5018e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	4.4646e+01	9.0018e+00	-3.7447e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	4.2597e+01	9.4901e+00	-5.6200e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	2.6890e+01	1.1527e+01	-3.3772e+00
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	2.5912e+01	1.2044e+01	-2.0305e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	4.4098e+01	8.0368e+00	-1.9032e-02
	1177	0.0000e+00	0.0000e+00	0.0000e+00	4.4564e+01	9.1064e+00	-2.7316e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	2.9522e+01	1.0454e+01	-4.7430e+00
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	1.4219e+01	1.6421e+01	9.5079e-01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	3.9194e+01	7.3977e+00	7.4302e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	4.2005e+01	1.0336e+01	1.5437e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	2.4538e+01	1.2933e+01	-4.9357e+00
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	-4.7083e+00	1.7667e+01	1.0702e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	3.3177e+01	2.1911e+00	1.9674e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	3.5653e+01	1.0788e+01	8.8794e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	1.0997e+01	1.6622e+01	-9.3370e-02

1430 1163 0.0000e+00 0.0000e+00 0.0000e+00 -7.6258e+00 -1.0211e+01 2.6012e+01  
1173 0.0000e+00 0.0000e+00 0.0000e+00 3.2625e+01 -1.3276e+01 2.4949e+01  
1174 0.0000e+00 0.0000e+00 0.0000e+00 3.2502e+01 1.3799e+00 1.6973e+01  
1164 0.0000e+00 0.0000e+00 0.0000e+00 -9.6587e+00 1.4059e+01 1.8037e+01

1431 1099 0.0000e+00 0.0000e+00 0.0000e+00 -8.0662e+00 -5.5588e+01 5.6467e+00  
1110 0.0000e+00 0.0000e+00 0.0000e+00 4.3796e+01 -3.1244e+01 3.5159e-02  
1173 0.0000e+00 0.0000e+00 0.0000e+00 4.2476e+01 -2.4839e+01 1.6675e+01  
1163 0.0000e+00 0.0000e+00 0.0000e+00 -1.8117e+01 -3.3342e+01 2.2286e+01

1432 1161 0.0000e+00 0.0000e+00 0.0000e+00 -9.1787e+01 -2.3997e+01 -2.0091e+01  
1171 0.0000e+00 0.0000e+00 0.0000e+00 -1.7191e+01 -2.6540e+01 -1.5921e+01  
1172 0.0000e+00 0.0000e+00 0.0000e+00 -1.3789e+01 -5.1129e+01 -4.5820e+00  
1162 0.0000e+00 0.0000e+00 0.0000e+00 -8.6740e+01 -7.6056e+01 -8.7516e+00

1433 1160 0.0000e+00 0.0000e+00 0.0000e+00 -2.9376e+01 2.5072e+01 1.9054e+01  
1170 0.0000e+00 0.0000e+00 0.0000e+00 -1.9567e+01 2.5662e+01 -4.2610e+00  
1171 0.0000e+00 0.0000e+00 0.0000e+00 -3.0250e+01 -6.3150e+00 -2.6184e+01  
1161 0.0000e+00 0.0000e+00 0.0000e+00 -6.5936e+01 3.7552e+01 -2.8698e+00

1434 1159 0.0000e+00 0.0000e+00 0.0000e+00 7.6613e-01 1.6579e+01 1.8763e+01  
1169 0.0000e+00 0.0000e+00 0.0000e+00 5.2367e+00 1.9051e+01 6.0124e-01  
1170 0.0000e+00 0.0000e+00 0.0000e+00 -6.3340e+00 1.4977e+01 -1.4587e+00  
1160 0.0000e+00 0.0000e+00 0.0000e+00 -2.4465e+01 2.1516e+01 1.6703e+01

1435 1158 0.0000e+00 0.0000e+00 0.0000e+00 1.4709e+01 8.4969e+00 8.4972e+00  
1168 0.0000e+00 0.0000e+00 0.0000e+00 2.0300e+01 1.2403e+01 -3.9443e-01  
1169 0.0000e+00 0.0000e+00 0.0000e+00 1.1823e+01 1.3563e+01 2.8387e+00  
1159 0.0000e+00 0.0000e+00 0.0000e+00 5.1695e+00 1.1087e+01 1.1730e+01

1436 1157 0.0000e+00 0.0000e+00 0.0000e+00 1.8867e+01 5.1301e+00 -1.2204e+00  
1167 0.0000e+00 0.0000e+00 0.0000e+00 2.5261e+01 9.1183e+00 -3.5542e+00  
1168 0.0000e+00 0.0000e+00 0.0000e+00 2.2796e+01 9.9502e+00 5.4707e-01  
1158 0.0000e+00 0.0000e+00 0.0000e+00 1.6602e+01 5.8425e+00 2.8808e+00

1437 1156 0.0000e+00 0.0000e+00 0.0000e+00 1.4585e+01 6.5239e+00 -1.0516e+01  
1166 0.0000e+00 0.0000e+00 0.0000e+00 2.1372e+01 1.0176e+01 -6.7677e+00  
1167 0.0000e+00 0.0000e+00 0.0000e+00 2.4945e+01 9.4802e+00 -2.8683e+00  
1157 0.0000e+00 0.0000e+00 0.0000e+00 1.8608e+01 5.4347e+00 -6.6165e+00

1438 1155 0.0000e+00 0.0000e+00 0.0000e+00 -1.2801e+00 1.3218e+01 -1.9188e+01  
1165 0.0000e+00 0.0000e+00 0.0000e+00 7.1095e+00 1.4234e+01 -7.3683e+00  
1166 0.0000e+00 0.0000e+00 0.0000e+00 1.7880e+01 1.3675e+01 -5.0029e+00  
1156 0.0000e+00 0.0000e+00 0.0000e+00 1.1900e+01 1.0021e+01 -1.6823e+01

1439 1154 0.0000e+00 0.0000e+00 0.0000e+00 -4.1865e+01 2.5972e+01 -2.2664e+01  
1164 0.0000e+00 0.0000e+00 0.0000e+00 -1.6011e+01 1.4484e+01 1.4791e+00  
1165 0.0000e+00 0.0000e+00 0.0000e+00 -1.6297e+00 2.1518e+01 -3.5799e+00  
1155 0.0000e+00 0.0000e+00 0.0000e+00 -7.3236e+00 2.0016e+01 -2.7723e+01

1440 1153 0.0000e+00 0.0000e+00 0.0000e+00 -9.5449e+01 4.4552e+01 6.6082e+00  
1163 0.0000e+00 0.0000e+00 0.0000e+00 -4.6876e+01 -1.6177e+01 3.6480e+01  
1164 0.0000e+00 0.0000e+00 0.0000e+00 -3.3049e+01 2.8505e+01 5.5561e+00  
1154 0.0000e+00 0.0000e+00 0.0000e+00 -4.8747e+01 2.8820e+01 -2.4315e+01

1441 1088 0.0000e+00 0.0000e+00 0.0000e+00 -1.2625e+02 -1.0963e+02 7.9967e+00  
1099 0.0000e+00 0.0000e+00 0.0000e+00 -2.2068e+01 -7.5073e+01 2.9003e+00  
1163 0.0000e+00 0.0000e+00 0.0000e+00 -2.5783e+01 -4.5066e+01 2.2283e+01  
1153 0.0000e+00 0.0000e+00 0.0000e+00 -1.3286e+02 -4.8768e+01 2.7380e+01

1442 323 0.0000e+00 0.0000e+00 0.0000e+00 -3.9346e+01 1.3542e+02 2.1373e+02  
1161 0.0000e+00 0.0000e+00 0.0000e+00 -2.0257e+02 2.6187e+01 2.6429e+01  
1162 0.0000e+00 0.0000e+00 0.0000e+00 3.1364e+00 -1.3055e+02 -5.0318e+01  
14 0.0000e+00 0.0000e+00 0.0000e+00 -6.2459e+02 -8.8282e+01 1.3699e+02

1443 322 0.0000e+00 0.0000e+00 0.0000e+00 3.8625e-01 1.8130e+01 6.4924e+01  
1160 0.0000e+00 0.0000e+00 0.0000e+00 -3.4958e+01 3.9700e+01 2.0488e+01  
1161 0.0000e+00 0.0000e+00 0.0000e+00 -1.2886e+02 2.6524e+01 4.8878e+01  
323 0.0000e+00 0.0000e+00 0.0000e+00 4.2442e+00 -7.9498e+00 9.3314e+01

1444 321 0.0000e+00 0.0000e+00 0.0000e+00 1.6547e+01 2.9915e+00 3.2973e+01  
1159 0.0000e+00 0.0000e+00 0.0000e+00 3.6074e+00 1.2403e+01 1.8916e+01  
1160 0.0000e+00 0.0000e+00 0.0000e+00 -1.8419e+01 2.0314e+01 3.6441e+01  
322 0.0000e+00 0.0000e+00 0.0000e+00 1.0089e+01 -4.8687e+00 5.0498e+01

1445 320 0.0000e+00 0.0000e+00 0.0000e+00 2.0655e+01 -4.3678e+00 1.2703e+01  
1158 0.0000e+00 0.0000e+00 0.0000e+00 1.6995e+01 4.2741e+00 7.8513e+00  
1159 0.0000e+00 0.0000e+00 0.0000e+00 7.6077e+00 9.2654e+00 1.9872e+01

	321	0.0000e+00	0.0000e+00	0.0000e+00	2.0210e+01	-5.8220e+00	2.4724e+01
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	2.2064e+01	-7.1598e+00	-2.0590e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	2.0175e+01	1.7515e+00	-3.2189e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	1.8123e+01	3.1971e+00	6.5091e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	2.1765e+01	-7.0948e+00	7.6690e+00
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	2.1974e+01	-7.8256e+00	-1.7110e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	1.6340e+01	4.0290e+00	-1.5310e+01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	2.0110e+01	1.7906e+00	-4.9378e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	2.1850e+01	-6.8306e+00	-6.7374e+00
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	1.9680e+01	-7.2914e+00	-3.7259e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	1.5475e+00	1.1480e+01	-3.0482e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	1.4791e+01	5.4066e+00	-1.6207e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	2.0168e+01	-4.0017e+00	-2.2984e+01
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	4.3131e+00	-8.4016e+00	-7.0352e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-3.5022e+01	2.4504e+01	-5.0261e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-4.1444e+00	1.5768e+01	-2.8012e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	1.4145e+01	4.7529e+00	-4.8102e+01
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-6.4633e+00	-1.8918e+01	-1.2802e+02
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-1.9092e+02	2.7254e+01	-6.4627e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-5.8592e+01	5.1840e+01	-2.6775e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.0339e+01	2.3292e+01	-9.0166e+01
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-8.9846e+02	-1.7933e+02	-2.0028e+02
	1088	0.0000e+00	0.0000e+00	0.0000e+00	1.2478e+01	-1.9076e+02	5.7704e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-2.9024e+02	1.6950e+01	-3.6341e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-7.2994e+01	1.9118e+02	-2.9433e+02
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	3.0385e+02	1.7540e+01	1.8240e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	2.6610e+02	-6.1922e+01	1.3406e+02
	24	0.0000e+00	0.0000e+00	0.0000e+00	5.9372e+02	6.0715e+01	8.9453e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	1.8959e+02	7.8124e+01	-2.6372e+01
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	2.0055e+02	-1.2680e+01	1.1016e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	1.7235e+02	1.5584e+01	7.3817e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	2.2461e+02	7.2326e+00	8.2986e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	2.6397e+02	1.5587e+01	2.0186e+01
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.4623e+02	7.1191e+00	9.4365e+00
	1150	0.0000e+00	0.0000e+00	0.0000e+00	1.2399e+02	3.2294e+01	4.4099e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	1.5282e+02	1.1772e+01	5.7351e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.8125e+02	8.1729e+00	2.2688e+01
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	1.1714e+02	1.7929e+01	1.0465e+00
	1149	0.0000e+00	0.0000e+00	0.0000e+00	9.4783e+01	3.6498e+01	2.1672e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	1.1218e+02	2.3858e+01	3.3782e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.3773e+02	1.6131e+01	1.3156e+01
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	1.0113e+02	2.2613e+01	-8.3281e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	7.6393e+01	3.2843e+01	3.6386e+00
	1149	0.0000e+00	0.0000e+00	0.0000e+00	8.7717e+01	3.5345e+01	1.4385e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	1.1185e+02	2.2238e+01	2.4186e+00
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	9.4013e+01	2.1565e+01	-1.7263e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	6.5220e+01	2.2125e+01	-1.1822e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	7.2634e+01	4.4221e+01	-2.1512e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	9.6621e+01	2.3781e+01	-7.5923e+00
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	9.4779e+01	1.4609e+01	-2.5108e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	6.0104e+01	4.1307e+00	-2.5816e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	6.4299e+01	4.9451e+01	-1.6955e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	8.9280e+01	1.9732e+01	-1.6247e+01
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	1.0481e+02	1.7748e+00	-3.0964e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	6.2262e+01	-2.1456e+01	-3.9183e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	6.2243e+01	4.9867e+01	-3.1102e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	8.9685e+01	9.0884e+00	-2.2883e+01
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	1.3567e+02	-1.0807e+01	-2.9652e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	7.3826e+01	-5.3207e+01	-5.1082e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	6.8240e+01	4.3462e+01	-4.5785e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	1.0178e+02	-1.0440e+01	-2.4355e+01
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	9.0863e+01	-9.8015e+00	-1.3689e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	2.0565e+02	-7.6425e+01	-5.2715e+01

	1144	0.0000e+00	0.0000e+00	0.0000e+00	8.9558e+01	1.1851e+01	-6.9761e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	1.3506e+02	-1.7757e+01	-3.0735e+01
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	1.5951e+02	2.9162e+01	-1.8926e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	2.2743e+02	4.4126e+01	-1.4285e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	2.3235e+02	4.2671e+01	-4.6815e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	1.6315e+02	3.6782e+01	-9.3229e+00
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	1.5816e+02	5.4072e+00	-1.7461e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.8430e+02	7.1311e+00	1.3132e+00
	1142	0.0000e+00	0.0000e+00	0.0000e+00	2.1007e+02	-3.6224e+00	-9.4367e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	1.6697e+02	2.1444e+01	-2.8211e+01
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	1.3907e+02	6.9559e+00	-1.5960e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.4837e+02	9.8166e+00	5.2210e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.7569e+02	1.8824e+00	2.0952e+00
	1130	0.0000e+00	0.0000e+00	0.0000e+00	1.5076e+02	1.1531e+01	-1.9086e+01
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	1.2137e+02	1.2617e+01	-1.6510e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	1.2412e+02	1.7483e+01	-1.3728e+00
	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.4126e+02	1.2277e+01	4.3650e-01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	1.3211e+02	1.3214e+01	-1.4701e+01
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	1.1038e+02	1.6134e+01	-1.8797e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	1.0941e+02	2.1943e+01	-9.8552e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	1.1926e+02	1.8946e+01	-6.1888e+00
	1128	0.0000e+00	0.0000e+00	0.0000e+00	1.1700e+02	1.6794e+01	-1.5131e+01
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	1.0563e+02	1.5551e+01	-2.1811e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	1.0255e+02	2.1567e+01	-1.8199e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	1.0648e+02	2.0597e+01	-1.4140e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	1.0836e+02	1.7800e+01	-1.7752e+01
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.0651e+02	1.0640e+01	-2.3908e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	1.0271e+02	1.5587e+01	-2.5161e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	1.0118e+02	1.6773e+01	-2.1939e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	1.0574e+02	1.4724e+01	-2.0686e+01
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.1091e+02	2.3437e+00	-2.2943e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	1.1130e+02	3.7045e+00	-2.8824e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	1.0272e+02	7.0618e+00	-2.8352e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.0865e+02	7.3979e+00	-2.2471e+01
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.2417e+02	-4.8413e+00	-1.6583e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	1.1843e+02	-1.1657e+01	-2.4999e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	1.1214e+02	-5.2496e+00	-2.8875e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.1496e+02	-3.6489e+00	-2.0459e+01
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	6.9791e+01	-1.5382e+01	-2.0495e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	1.8285e+02	-5.0818e+00	-2.3599e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	1.2539e+02	-2.1871e+01	-2.8488e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.2153e+02	-9.5595e-01	-2.5384e+01
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	1.0490e+02	1.1691e+01	-2.0861e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	1.5151e+02	2.1231e+01	-2.0095e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	1.5060e+02	2.4738e+01	-8.5338e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	1.0721e+02	9.1729e+00	-9.2994e+00
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	1.0404e+02	1.1329e+01	-2.9135e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	1.4331e+02	9.6478e+00	-2.5348e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	1.4637e+02	1.4489e+01	-2.4521e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	1.0795e+02	1.1012e+01	-2.8308e+01
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	1.0047e+02	1.2666e+01	-2.8261e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	1.2788e+02	1.0781e+01	-2.0477e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	1.3832e+02	6.2988e+00	-2.4636e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	1.0437e+02	1.3446e+01	-3.2421e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	9.5951e+01	1.5129e+01	-2.4921e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	1.1496e+02	1.4593e+01	-1.8342e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	1.2411e+02	9.2891e+00	-2.1828e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	9.8919e+01	1.6322e+01	-2.8407e+01
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	9.2909e+01	1.6359e+01	-2.2724e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	1.0700e+02	1.6637e+01	-1.8861e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	1.1260e+02	1.3860e+01	-2.0604e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	9.4421e+01	1.7924e+01	-2.4467e+01
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	9.1720e+01	1.5410e+01	-2.1664e+01

	1126	0.0000e+00	0.0000e+00	0.0000e+00	1.0380e+02	1.5167e+01	-2.0428e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	1.0570e+02	1.5809e+01	-2.1276e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	9.2099e+01	1.7409e+01	-2.2513e+01
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	9.2217e+01	1.1961e+01	-2.0258e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.0454e+02	9.7356e+00	-2.1245e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	1.0328e+02	1.4047e+01	-2.2530e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	9.1663e+01	1.4610e+01	-2.1542e+01
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	9.2460e+01	5.7306e+00	-1.7604e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.0908e+02	1.2403e+00	-1.9969e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.0469e+02	8.3437e+00	-2.2643e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	9.2494e+01	9.6606e+00	-2.0278e+01
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.0012e+02	-2.5399e+00	-1.4481e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.0509e+02	-7.8201e+00	-1.6248e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.0934e+02	1.4643e+00	-1.8759e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	9.2610e+01	1.6384e+00	-1.6993e+01
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	3.5626e+01	-2.1813e+01	-2.2805e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	1.6531e+02	-9.8391e+00	-2.1283e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.0947e+02	-1.5764e+01	-2.3829e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	9.4271e+01	1.7390e+00	-2.5351e+01
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	5.0463e+01	-8.0305e+00	-2.4219e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	9.5976e+01	2.6894e+00	-2.1732e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	9.5641e+01	-7.9274e-01	-8.7957e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	5.5380e+01	-1.8163e+01	-1.1283e+01
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	4.9431e+01	1.0245e+01	-3.3274e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	9.1497e+01	8.6510e+00	-3.0592e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	9.2134e+01	4.8016e+00	-2.8296e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	5.3734e+01	-1.7787e+00	-3.0978e+01
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	5.4237e+01	1.8410e+01	-2.8939e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	8.6926e+01	1.4497e+01	-2.8978e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	8.8678e+01	9.2250e+00	-3.3661e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	5.2412e+01	1.5480e+01	-3.3622e+01
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	6.0417e+01	1.9796e+01	-2.3492e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	8.4674e+01	1.7338e+01	-2.5002e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	8.6264e+01	1.3119e+01	-3.0096e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	5.6045e+01	2.1722e+01	-2.8586e+01
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	6.4816e+01	1.8505e+01	-2.1039e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	8.4292e+01	1.7365e+01	-2.2529e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	8.4993e+01	1.5450e+01	-2.5701e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	6.1369e+01	2.1197e+01	-2.4210e+01
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	6.6744e+01	1.6565e+01	-2.0525e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	8.4632e+01	1.5241e+01	-2.1351e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	8.4555e+01	1.5793e+01	-2.3301e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	6.5300e+01	1.8704e+01	-2.2475e+01
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	6.6470e+01	1.3845e+01	-1.9965e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	8.4920e+01	1.1024e+01	-1.9999e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	8.4494e+01	1.4134e+01	-2.2067e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	6.6833e+01	1.5805e+01	-2.2033e+01
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	6.3417e+01	8.2662e+00	-1.8472e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	8.5914e+01	4.5268e+00	-1.7869e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	8.4551e+01	9.8818e+00	-2.0638e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	6.5890e+01	1.2155e+01	-2.1241e+01
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	6.9287e+01	-2.6037e+00	-1.6568e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	7.7058e+01	-5.7003e+00	-1.5921e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	8.5156e+01	4.0285e+00	-1.7388e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	6.2382e+01	4.1182e+00	-1.8035e+01
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	-4.0486e+00	-2.7755e+01	-2.5995e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	1.4335e+02	-1.4319e+01	-2.3886e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	8.0567e+01	-1.8334e+01	-2.6449e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	6.2621e+01	6.6817e-01	-2.8558e+01
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.7082e+01	-2.8216e+01	-3.1649e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	4.1966e+01	-1.8474e+01	-2.5550e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	4.2959e+01	-2.9657e+01	-9.1949e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-6.8398e+00	-5.5429e+01	-1.5294e+01



1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.0307e+01	1.7824e+01	-3.0206e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	3.4659e+01	9.0085e+00	-2.9264e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	3.4869e+01	-7.6325e+00	-3.3802e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-8.7815e+00	-6.5943e+00	-3.4744e+01
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	1.1396e+01	2.5038e+01	-1.4878e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	3.8769e+01	2.1673e+01	-2.5439e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	3.5183e+01	1.1386e+01	-3.3827e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-4.4720e+00	2.6235e+01	-2.3267e+01
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	2.8855e+01	2.2167e+01	-1.1676e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	4.8458e+01	2.2107e+01	-2.1744e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	4.2814e+01	1.8525e+01	-2.5731e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	1.5952e+01	2.7121e+01	-1.5663e+01
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	3.9485e+01	1.7547e+01	-1.4280e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	5.5886e+01	1.8967e+01	-2.0661e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	5.1799e+01	1.8592e+01	-2.1297e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	3.1818e+01	2.1394e+01	-1.4916e+01
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	4.3625e+01	1.4471e+01	-1.8840e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	5.9317e+01	1.5715e+01	-2.1235e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	5.7520e+01	1.6797e+01	-2.0554e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	4.1011e+01	1.6564e+01	-1.8159e+01
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	4.2157e+01	1.2891e+01	-2.2763e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	5.8683e+01	1.2266e+01	-2.1551e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	5.9237e+01	1.4932e+01	-2.1313e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	4.3836e+01	1.3791e+01	-2.2526e+01
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	3.4533e+01	1.0026e+01	-2.4161e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	5.6475e+01	6.5348e+00	-2.0237e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	5.7227e+01	1.2006e+01	-2.1865e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	4.1010e+01	1.2051e+01	-2.5789e+01
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	3.7206e+01	-1.2180e+00	-2.1285e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	4.3473e+01	-6.3425e+00	-1.7990e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	5.4078e+01	6.5839e+00	-1.9997e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	3.2671e+01	5.8184e+00	-2.3292e+01
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	-4.7013e+01	-3.5993e+01	-3.0873e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	1.1725e+02	-1.9567e+01	-2.7991e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	4.7198e+01	-2.2010e+01	-3.0331e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	2.8349e+01	-5.0482e-01	-3.3212e+01
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	-1.3314e+02	-6.2139e+01	-3.7247e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-2.2524e+01	-3.9967e+01	-3.3536e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-2.4480e+01	-7.4602e+01	-1.3560e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-1.2434e+02	-9.5806e+01	-1.7272e+01
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	-5.5216e+01	3.4681e+01	1.2273e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-3.4825e+01	3.1548e+01	-1.5540e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-4.3672e+01	-1.2610e+01	-4.6805e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-9.7604e+01	5.2147e+01	-1.8992e+01
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	-9.7915e+00	2.7719e+01	2.0097e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-3.5147e+00	3.1054e+01	-8.6055e+00
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.8854e+01	2.1438e+01	-1.4258e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-4.7325e+01	3.7045e+01	1.4445e+01
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	1.4598e+01	1.6728e+01	7.7558e+00
	1095	0.0000e+00	0.0000e+00	0.0000e+00	2.1394e+01	2.2992e+01	-9.2685e+00
	1096	0.0000e+00	0.0000e+00	0.0000e+00	6.9367e+00	2.3472e+01	-5.6410e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-2.3051e+00	2.1859e+01	1.1383e+01
1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	2.7065e+01	9.2690e+00	-5.2432e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	3.4903e+01	1.5913e+01	-1.4055e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	2.6877e+01	1.8262e+01	-8.1535e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	1.8858e+01	1.2091e+01	6.5857e-01
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	3.1702e+01	5.4903e+00	-1.7490e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	3.9978e+01	1.2051e+01	-2.0445e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	3.7139e+01	1.3720e+01	-1.4300e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	2.9097e+01	6.9366e+00	-1.1344e+01
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	2.9984e+01	4.9126e+00	-2.8487e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	3.7815e+01	1.0290e+01	-2.6339e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	3.9761e+01	1.1685e+01	-2.0928e+01

	1082	0.0000e+00	0.0000e+00	0.0000e+00	3.1994e+01	5.3124e+00	-2.3075e+01
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	1.8531e+01	6.3474e+00	-3.6898e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	3.0819e+01	7.6366e+00	-2.9172e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	3.5063e+01	1.1250e+01	-2.6446e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	2.8519e+01	6.6202e+00	-3.4172e+01
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	1.1122e+01	6.6009e+00	-3.5216e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	8.4508e+00	-5.7080e+00	-2.3764e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	2.4342e+01	1.1146e+01	-2.7335e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	1.6328e+01	6.5908e+00	-3.8787e+01
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	-9.5172e+01	-4.7048e+01	-4.0583e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	9.0250e+01	-2.8026e+01	-3.3311e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.1081e+01	-2.3871e+01	-3.7494e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-2.6066e+00	4.2331e+00	-4.4766e+01
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	-7.3031e+01	2.2220e+02	3.0052e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-3.1819e+02	1.1178e+01	3.1683e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	1.0686e+01	-1.7464e+02	-7.1824e+01
	13	0.0000e+00	0.0000e+00	0.0000e+00	-8.9714e+02	-1.6090e+02	1.9701e+02
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	-1.4628e+01	3.3599e+01	9.3913e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-7.2926e+01	6.9017e+01	2.1039e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-2.2064e+02	2.5666e+01	5.6566e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	-1.1555e+00	-1.6060e+01	1.2944e+02
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	1.5981e+01	1.2579e+01	5.0677e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-7.4658e+00	2.4211e+01	2.3077e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-4.2229e+01	3.3877e+01	4.7574e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	-9.8546e-02	-7.6850e+00	7.5175e+01
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	2.5747e+01	-1.0583e+00	2.0090e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	1.9002e+01	1.0752e+01	8.9851e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	1.5004e+00	1.9369e+01	2.6266e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	2.2792e+01	-6.3452e+00	3.7371e+01
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	3.0321e+01	-7.0404e+00	-4.7652e-02
	1083	0.0000e+00	0.0000e+00	0.0000e+00	2.9998e+01	3.7655e+00	-5.1900e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	2.2392e+01	9.0049e+00	7.7354e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	2.8454e+01	-8.2559e+00	1.2878e+01
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	3.3070e+01	-1.0077e+01	-1.6598e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	3.3970e+01	1.1903e+00	-1.8824e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	3.1297e+01	3.0028e+00	-7.7814e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	3.1643e+01	-9.7081e+00	-5.5556e+00
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	3.5027e+01	-1.1202e+01	-3.2463e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	3.2181e+01	1.7902e+00	-3.2201e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	3.4023e+01	7.8751e-01	-2.1366e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	3.3666e+01	-9.7475e+00	-2.1628e+01
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	3.2491e+01	-1.1365e+01	-4.9777e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	2.4488e+01	4.7811e+00	-4.5300e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	3.0499e+01	1.7546e+00	-3.3874e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	3.4727e+01	-6.9101e+00	-3.8351e+01
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	4.3827e+01	-1.0236e+01	-6.6339e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.9902e+01	2.1306e+00	-5.2782e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	1.7051e+01	1.0936e+01	-4.0851e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	3.1847e+01	-2.6056e+00	-5.4408e+01
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-1.6457e+02	-3.8537e+01	-7.9947e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	8.0621e+01	-3.9741e+01	-3.7006e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-3.6250e+01	-9.3426e+00	-5.9854e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	3.1406e+01	3.9068e+01	-1.0280e+02
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	-2.7978e+02	-1.0188e+01	-1.3996e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-1.1447e+02	1.4989e+02	-2.0506e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	-7.1311e+02	-1.5578e+02	-1.3331e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	-3.1723e+01	-1.5212e+02	5.7755e+01
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	-1.0739e+02	5.0268e+01	-5.2334e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-6.4041e+01	2.2999e+01	-5.8983e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-5.8839e+01	-1.9293e+01	-8.3251e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-2.1121e+02	6.3431e+00	-2.9502e+01
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	-6.3650e+01	2.6561e+01	-7.0856e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-4.0070e+01	1.4387e+01	-2.5505e+01

	1076	0.0000e+00	0.0000e+00	0.0000e+00	-5.2599e+01	-2.4337e+00	-4.4084e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-8.4919e+01	2.5892e+01	-2.5664e+01
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	-5.5163e+01	2.2447e+01	4.2247e+00
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-3.5471e+01	6.5842e+00	2.0221e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-3.6031e+01	5.4879e+00	-1.3843e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-5.8643e+01	2.4211e+01	-1.1640e+01
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	-7.0529e+01	1.9735e+01	1.6484e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-4.6723e+01	-2.0354e+00	2.8406e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-3.7545e+01	1.0708e+01	1.2433e+01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-5.7830e+01	2.3758e+01	5.1053e-01
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	-1.6017e+02	-5.1106e-02	2.0540e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-5.2649e+01	-1.9186e+01	5.9226e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-5.5031e+01	1.5415e+01	4.0443e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-8.6803e+01	3.7227e+01	1.7569e+00
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	-1.7964e+01	-1.1376e+02	-2.8745e+01
	19	0.0000e+00	0.0000e+00	0.0000e+00	-5.3321e+02	-1.5130e+02	1.0631e+02
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-9.6505e+01	1.0807e+02	1.4705e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-2.0686e+02	-1.8285e+01	1.1997e+01
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	-6.0246e+01	-4.2987e+01	2.8969e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-1.4365e+02	-6.1817e+01	3.5700e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.3281e+02	-9.1833e+01	1.7648e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	-5.8735e+01	-7.1310e+01	1.0917e+01
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	-7.7434e+01	1.8847e+01	1.4760e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-9.2621e+01	2.2166e+01	4.4893e-01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-1.1770e+02	2.8126e+01	2.3824e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-7.8612e+01	-1.9513e+01	3.8135e+01
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	-6.3837e+01	2.7015e+01	6.3322e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-6.6012e+01	2.6782e+01	-8.1865e+00
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-8.7950e+01	2.9313e+01	-1.7636e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-6.8538e+01	1.5079e+01	1.2755e+01
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	-5.6391e+01	2.4631e+01	9.7632e-01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-5.9404e+01	2.5235e+01	-2.5460e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-6.2828e+01	2.6192e+01	-1.6119e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-5.9430e+01	2.4761e+01	1.9104e+00
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	-5.6935e+01	1.3934e+01	-7.1255e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-7.2669e+01	2.3783e+01	-5.6898e-01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-6.0121e+01	2.3612e+01	3.5928e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-5.7453e+01	2.4389e+01	-2.9637e+00
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	-6.0454e+01	-1.4074e+01	-2.3710e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-8.8932e+01	1.8154e+01	-1.6856e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-7.5159e+01	1.5956e+01	-1.6437e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-6.1649e+01	1.5023e+01	-8.4985e+00
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	-4.3654e+01	-5.1318e+01	-1.3068e+00
	548	0.0000e+00	0.0000e+00	0.0000e+00	-1.0098e+02	-6.6649e+01	-6.0438e+00
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-1.0766e+02	-5.1319e+01	-2.1917e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-4.5666e+01	-3.2046e+01	-1.7180e+01
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.8807e+01	-2.7106e+01	1.6989e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-5.7993e+01	-3.3855e+01	2.4840e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	-4.6700e+01	-5.6464e+01	1.2480e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	-1.5695e+01	-3.6270e+01	4.6293e+00
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	-3.0306e+01	-8.4786e-01	1.6816e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-6.0024e+01	8.0784e+00	2.3085e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-5.3030e+01	-1.5584e+01	2.7656e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-2.5798e+01	-1.6622e+01	2.1387e+01
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	-3.3719e+01	1.4237e+01	9.8405e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-5.2220e+01	2.1345e+01	7.9649e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-5.7317e+01	1.7113e+01	1.7077e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-3.2064e+01	4.3562e+00	1.8953e+01
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	-3.1637e+01	1.5539e+01	1.0040e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-4.7997e+01	2.3248e+01	-1.1730e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-5.0724e+01	2.4245e+01	6.7124e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-3.2905e+01	1.4764e+01	8.8894e+00
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	-2.7407e+01	6.3744e+00	-7.3508e+00

	1061	0.0000e+00	0.0000e+00	0.0000e+00	-4.7919e+01	1.5346e+01	-9.1853e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-4.7937e+01	2.0677e+01	-1.9066e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-3.0755e+01	1.3782e+01	-7.2172e-02
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	-2.0287e+01	-1.0509e+01	-8.9996e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-4.1433e+01	-1.0926e+01	-1.5753e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-4.9066e+01	8.1448e+00	-1.2827e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-2.5044e+01	1.3491e+00	-6.0736e+00
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.1707e+01	-2.5182e+01	3.2093e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	-3.6169e+01	-3.9897e+01	-2.9838e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-4.4450e+01	-2.4321e+01	-1.2308e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.4790e+01	-1.8710e+01	-6.1145e+00
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	9.9738e+00	-1.4921e+01	9.7419e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.4578e+01	-2.0205e+01	1.3851e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	-8.4476e+00	-2.9122e+01	6.3315e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	1.1384e+01	-1.8011e+01	2.2220e+00
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	3.6551e+00	-4.1168e+00	1.2556e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-2.0682e+01	-4.7897e-01	1.8110e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.3515e+01	-1.4140e+01	1.8062e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	6.6784e+00	-1.0398e+01	1.2508e+01
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	-7.6769e-01	4.6617e+00	8.9423e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-2.2227e+01	1.1494e+01	1.1335e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.9729e+01	4.8696e+00	1.6783e+01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	1.1243e+00	-1.7440e-01	1.4390e+01
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.3512e+00	6.6401e+00	2.6748e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-2.0621e+01	1.3594e+01	2.0616e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-2.1659e+01	1.3819e+01	8.9017e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.4379e+00	5.8614e+00	9.5150e+00
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	1.4073e+00	1.9846e+00	-2.1188e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.6738e+01	6.1015e+00	-5.1829e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-2.0500e+01	1.2267e+01	-3.5995e-02
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-4.5302e-01	5.1638e+00	3.0281e+00
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	6.2248e+00	-6.3798e+00	-1.5598e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.0481e+01	-8.9245e+00	-6.5426e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.7014e+01	2.1590e+00	-5.9675e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	3.6155e+00	-1.6395e+00	-9.8465e-01
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	9.9707e+00	-1.2750e+01	4.9977e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	-6.2497e+00	-2.0113e+01	1.7459e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.0941e+01	-1.3378e+01	-3.0819e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	8.6950e+00	-1.0216e+01	1.6978e-01
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	3.3856e+01	-6.5926e+00	6.1454e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	1.4525e+01	-1.0166e+01	7.8202e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	1.7530e+01	-1.3632e+01	3.0281e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	3.3924e+01	-6.7581e+00	1.3532e+00
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	3.1124e+01	-3.6150e+00	9.1383e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	1.0679e+01	-1.8706e+00	1.2045e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	1.4917e+01	-8.3839e+00	1.1265e+01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	3.2220e+01	-4.9380e+00	8.3578e+00
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	2.8317e+01	-3.7389e-01	7.3906e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	8.3467e+00	4.4271e+00	9.4801e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	1.1090e+01	1.7258e-01	1.2590e+01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	2.9408e+01	-1.8061e+00	1.0501e+01
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	2.6865e+01	8.3807e-01	3.4064e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	8.3877e+00	5.6307e+00	3.8080e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	8.5005e+00	5.5583e+00	8.4142e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	2.7489e+01	3.0924e-01	8.0127e+00
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	2.7078e+01	-5.2959e-01	5.3832e-01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	1.0489e+01	1.5593e+00	-6.5594e-01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	8.2551e+00	5.3827e+00	2.7295e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	2.7120e+01	9.1358e-02	3.9237e+00
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	2.8299e+01	-3.5002e+00	1.1783e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	1.3439e+01	-5.3923e+00	-7.3318e-01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	1.0160e+01	3.0286e-01	-3.9830e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	2.8071e+01	-2.3193e+00	1.5132e+00

1556	504	0.0000e+00	0.0000e+00	0.0000e+00	2.8893e+01	-6.0250e+00	5.1241e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	1.5128e+01	-1.0027e+01	4.1932e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	1.3139e+01	-6.6566e+00	1.7091e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	2.9174e+01	-5.2435e+00	2.6399e+00
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	5.7096e+01	-4.0546e-01	5.4214e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	3.8700e+01	-2.9209e+00	5.3108e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	3.9796e+01	-3.4917e+00	1.7678e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	5.5798e+01	1.7166e+00	1.8784e+00
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	5.6817e+01	-2.8825e+00	7.8897e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	3.7522e+01	-1.3483e+00	8.5190e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	3.9320e+01	-3.1742e+00	8.0850e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	5.6174e+01	-6.9398e-01	7.4557e+00
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	5.5238e+01	-3.7585e+00	6.0360e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	3.6285e+01	1.4804e-01	7.1896e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	3.7989e+01	-1.2375e+00	9.7579e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	5.5651e+01	-2.9299e+00	8.6043e+00
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	5.3056e+01	-3.2827e+00	2.3669e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	3.5417e+01	4.8894e-01	3.5505e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	3.6230e+01	5.3277e-01	7.2514e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	5.4415e+01	-3.7637e+00	6.0679e+00
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	5.0901e+01	-2.2082e+00	-1.6904e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	3.5002e+01	-6.7375e-01	7.7305e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	3.4859e+01	8.9292e-01	3.4482e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	5.2773e+01	-3.4045e+00	2.5061e+00
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	4.9003e+01	-1.3326e+00	2.8836e-01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	3.4653e+01	-2.7025e+00	1.0927e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	3.4160e+01	-3.8238e-01	1.4429e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	5.0972e+01	-2.5159e+00	6.3861e-01
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	4.7243e+01	-1.5477e+00	3.4960e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	3.3863e+01	-4.2112e+00	4.4358e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	3.3893e+01	-2.5323e+00	2.8501e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	4.8938e+01	-1.7391e+00	1.9104e+00
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	8.2609e+01	4.7884e+00	7.1669e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	6.2291e+01	2.9285e+00	5.3963e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	6.2038e+01	4.7720e+00	2.1070e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	7.9612e+01	1.0083e+01	3.8776e+00
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	8.3605e+01	-3.7242e+00	8.2526e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	6.3522e+01	-1.0965e+00	7.2325e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	6.3611e+01	9.3406e-01	7.9142e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	8.1645e+01	2.0755e+00	8.9343e+00
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	8.1654e+01	-7.8352e+00	4.2265e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	6.3211e+01	-3.5355e+00	5.1702e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	6.4182e+01	-2.3256e+00	8.7108e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	8.2415e+01	-5.7444e+00	7.7671e+00
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	7.8154e+01	-7.5439e+00	-6.5256e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	6.1324e+01	-3.6332e+00	1.5351e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	6.2839e+01	-3.4509e+00	5.6299e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	8.0653e+01	-8.4668e+00	3.4422e+00
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	7.4110e+01	-4.0757e+00	-3.7823e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	5.8500e+01	-2.2157e+00	-1.0066e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	6.0199e+01	-2.6104e+00	1.8029e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	7.7503e+01	-6.8751e+00	-9.7279e-01
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	6.9754e+01	8.2829e-01	-3.5849e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	5.5212e+01	-4.6703e-01	-4.9736e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	5.6920e+01	-7.1305e-01	-1.6720e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	7.3711e+01	-2.7281e+00	-3.2547e+00
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	6.6321e+01	2.9217e+00	3.2166e-01
	493	0.0000e+00	0.0000e+00	0.0000e+00	5.2099e+01	1.6800e-01	2.7972e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	5.3706e+01	7.7805e-01	9.8398e-01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	6.9256e+01	1.9772e+00	-1.4916e+00
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	1.1392e+02	9.1250e+00	1.1087e+01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	8.8130e+01	8.1890e+00	7.5737e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	8.6774e+01	1.3709e+01	4.0319e+00

	578	0.0000e+00	0.0000e+00	0.0000e+00	1.0883e+02	2.0494e+01	7.5455e+00
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	1.1224e+02	-8.4543e+00	7.6049e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	9.1469e+01	-3.4010e+00	6.7399e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	9.0784e+01	3.6496e+00	1.0370e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	1.1133e+02	7.8864e-01	1.1235e+01
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	1.0543e+02	-1.3218e+01	-6.1616e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	9.0278e+01	-8.9819e+00	2.6560e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	9.1554e+01	-5.1418e+00	8.0747e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	1.1015e+02	-1.2718e+01	4.8025e+00
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	9.9887e+01	-1.2019e+01	-5.4987e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	8.6317e+01	-8.2859e+00	-1.8740e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	8.8941e+01	-8.3840e+00	2.4641e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	1.0391e+02	-1.4108e+01	-1.1605e+00
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	9.6393e+01	-7.0082e+00	-8.4484e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	8.1627e+01	-3.8578e+00	-5.2372e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	8.4810e+01	-6.7311e+00	-2.1024e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	9.9102e+01	-1.0415e+01	-5.3136e+00
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	9.1561e+01	2.8992e+00	-9.4053e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	7.6323e+01	2.0859e+00	-5.0654e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	7.9661e+01	-1.4348e+00	-4.3784e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	9.6186e+01	-3.7458e+00	-8.7183e+00
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	8.7997e+01	9.9081e+00	-3.8020e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	7.0809e+01	5.3276e+00	-2.0686e-01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	7.3714e+01	4.8193e+00	-3.3975e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	9.1689e+01	7.1944e+00	-6.9927e+00
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	1.6013e+02	1.3149e+01	1.2729e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	1.1952e+02	1.1691e+01	1.0638e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	1.1862e+02	2.6422e+01	8.4790e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	1.5720e+02	2.9671e+01	1.0570e+01
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	1.3346e+02	-1.7386e+01	-6.9091e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	1.2298e+02	-1.3755e+01	2.8294e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	1.2497e+02	2.9323e+00	1.4811e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	1.4934e+02	-1.9557e+01	5.0728e+00
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.1578e+02	-1.7641e+01	-1.2704e+01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	1.1334e+02	-1.6343e+01	-2.5862e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	1.1795e+02	-1.1576e+01	1.8173e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	1.2974e+02	-1.9877e+01	-8.3001e+00
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.0879e+02	-1.3666e+01	-1.0251e+01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	1.0580e+02	-1.2603e+01	-5.5480e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	1.0967e+02	-1.4033e+01	-4.8394e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.1355e+02	-1.4514e+01	-9.5428e+00
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	1.1161e+02	-1.0614e+01	-8.2440e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	1.0230e+02	-5.8525e+00	-8.6204e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	1.0474e+02	-1.1514e+01	-7.2775e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.0848e+02	-9.6805e+00	-6.9010e+00
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	1.1681e+02	-6.3134e+00	-1.1656e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	1.0039e+02	5.2114e+00	-1.2802e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	1.0232e+02	-5.3331e+00	-8.7465e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	1.1278e+02	-2.6483e+00	-7.6005e+00
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	1.2190e+02	1.5847e+01	-6.4361e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	9.2113e+01	1.4481e+01	-4.6694e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	9.4492e+01	1.0687e+01	-9.8885e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	1.2276e+02	2.0699e+01	-1.1655e+01
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	1.6537e+02	-5.4871e+01	-8.7796e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	2.1127e+02	-1.0744e+01	-9.0965e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	1.3525e+02	5.0219e+01	3.1830e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	3.8580e+02	5.1264e+00	-4.6869e+01
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	1.1375e+02	-8.0970e+00	-4.7571e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	1.4199e+02	-3.1472e+01	-1.0278e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	1.8369e+02	-1.0379e+01	-1.4941e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	1.4048e+02	-2.3589e+01	-5.2234e+01
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	9.3669e+01	2.5256e+00	-2.7125e+01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.1281e+02	-1.8563e+01	-1.1335e+01

	1020	0.0000e+00	0.0000e+00	0.0000e+00	1.3144e+02	-1.8431e+01	-2.0483e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	1.0402e+02	-1.9576e+01	-3.6274e+01
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	8.8388e+01	7.5949e+00	-1.0009e+01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.0466e+02	-1.1497e+01	-5.7818e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.1111e+02	-1.4367e+01	-1.5206e+01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	8.9698e+01	-1.2914e+01	-1.9433e+01
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	9.5643e+01	1.0857e+01	6.5516e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	1.1137e+02	-6.5145e+00	6.1529e-01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.0744e+02	-1.1351e+01	-8.6752e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	8.8683e+01	-8.4698e+00	-2.7390e+00
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	1.2111e+02	1.7147e+01	2.3229e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	1.3930e+02	4.2854e+00	1.8971e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	1.2050e+02	-1.2433e+01	-5.2443e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	1.0077e+02	-9.7273e+00	1.6088e+01
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	2.8827e+02	5.1238e+01	3.3062e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	9.3484e+01	3.3407e+01	-1.3880e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	1.5792e+02	9.7370e+00	1.5636e+00
	1013	0.0000e+00	0.0000e+00	0.0000e+00	1.3770e+02	-4.1761e+01	4.8505e+01
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	2.0686e+02	1.8284e+01	1.1997e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	9.6504e+01	-1.0807e+02	1.4705e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	5.3320e+02	1.5130e+02	1.0631e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	1.7963e+01	1.1376e+02	-2.8744e+01
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	8.6803e+01	-3.7227e+01	1.7572e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	5.5030e+01	-1.5415e+01	4.0443e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	5.2648e+01	1.9185e+01	5.9226e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	1.6017e+02	5.1015e-02	2.0540e+01
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	5.7830e+01	-2.3758e+01	5.1069e-01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	3.7545e+01	-1.0707e+01	1.2433e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	4.6722e+01	2.0356e+00	2.8406e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	7.0529e+01	-1.9735e+01	1.6484e+01
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	5.8644e+01	-2.4211e+01	-1.1640e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	3.6031e+01	-5.4873e+00	-1.3843e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	3.5470e+01	-6.5837e+00	2.0219e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	5.5163e+01	-2.2446e+01	4.2248e+00
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	8.4920e+01	-2.5892e+01	-2.5664e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	5.2599e+01	2.4347e+00	-4.4084e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	4.0070e+01	-1.4386e+01	-2.5506e+01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	6.3651e+01	-2.6561e+01	-7.0857e+00
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	2.1121e+02	-6.3423e+00	-2.9503e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	5.8840e+01	1.9294e+01	-8.3252e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	6.4041e+01	-2.2997e+01	-5.8983e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	1.0739e+02	-5.0267e+01	-5.2338e+00
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	3.1726e+01	1.5212e+02	5.7754e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	7.1311e+02	1.5578e+02	-1.3331e+02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	1.1447e+02	-1.4988e+02	-2.0506e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	2.7978e+02	1.0189e+01	-1.3997e+01
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	4.5666e+01	3.2046e+01	-1.7180e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	1.0766e+02	5.1319e+01	-2.1917e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	1.0098e+02	6.6649e+01	-6.0433e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	4.3654e+01	5.1318e+01	-1.3061e+00
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	6.1649e+01	-1.5023e+01	-8.4978e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	7.5159e+01	-1.5956e+01	-1.6433e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	8.8931e+01	-1.8154e+01	-1.6855e+01
	999	0.0000e+00	0.0000e+00	0.0000e+00	6.0454e+01	1.4074e+01	-2.3710e+01
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	5.7454e+01	-2.4389e+01	-2.9631e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	6.0121e+01	-2.3612e+01	3.5931e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	7.2669e+01	-2.3783e+01	-5.6854e-01
	998	0.0000e+00	0.0000e+00	0.0000e+00	5.6936e+01	-1.3934e+01	-7.1247e+00
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	5.9432e+01	-2.4760e+01	1.9109e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	6.2829e+01	-2.6192e+01	-1.6118e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	5.9405e+01	-2.5235e+01	-2.5457e+00
	997	0.0000e+00	0.0000e+00	0.0000e+00	5.6392e+01	-2.4631e+01	9.7697e-01
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	6.8541e+01	-1.5079e+01	1.2755e+01

	1001	0.0000e+00	0.0000e+00	0.0000e+00	8.7952e+01	-2.9313e+01	-1.7638e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	6.6013e+01	-2.6781e+01	-8.1864e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	6.3839e+01	-2.7014e+01	6.3326e+00
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	7.8615e+01	1.9513e+01	3.8135e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	1.1770e+02	-2.8125e+01	2.3823e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	9.2622e+01	-2.2165e+01	4.4863e-01
	995	0.0000e+00	0.0000e+00	0.0000e+00	7.7436e+01	-1.8847e+01	1.4761e+01
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	5.8739e+01	7.1310e+01	1.0916e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	1.3281e+02	9.1834e+01	1.7647e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	1.4365e+02	6.1818e+01	3.5699e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	6.0250e+01	4.2988e+01	2.8969e+01
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	1.4792e+01	1.8710e+01	-6.1133e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	4.4450e+01	2.4321e+01	-1.2307e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	3.6170e+01	3.9896e+01	-2.9829e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	1.1708e+01	2.5182e+01	3.2104e+00
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	2.5046e+01	-1.3492e+00	-6.0724e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	4.9067e+01	-8.1447e+00	-1.2826e+01
	999	0.0000e+00	0.0000e+00	0.0000e+00	4.1434e+01	1.0926e+01	-1.5752e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	2.0288e+01	1.0509e+01	-8.9984e+00
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	3.0757e+01	-1.3782e+01	-7.0969e-02
	997	0.0000e+00	0.0000e+00	0.0000e+00	4.7938e+01	-2.0677e+01	-1.9058e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	4.7920e+01	-1.5346e+01	-9.1844e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	2.7409e+01	-6.3745e+00	-7.3496e+00
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	3.2907e+01	-1.4764e+01	8.8905e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	5.0726e+01	-2.4245e+01	6.7131e+00
	997	0.0000e+00	0.0000e+00	0.0000e+00	4.7998e+01	-2.3248e+01	-1.1722e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	3.1639e+01	-1.5539e+01	1.0052e+00
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	3.2067e+01	-4.3562e+00	1.8954e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	5.7320e+01	-1.7113e+01	1.7077e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	5.2222e+01	-2.1345e+01	7.9655e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	3.3722e+01	-1.4237e+01	9.8416e+00
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	2.5802e+01	1.6623e+01	2.1388e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	5.3033e+01	1.5584e+01	2.7656e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	6.0027e+01	-8.0781e+00	2.3085e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	3.0310e+01	8.4788e-01	1.6817e+01
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	1.5700e+01	3.6270e+01	4.6298e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	4.6704e+01	5.6465e+01	1.2480e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	5.7997e+01	3.3856e+01	2.4840e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	1.8811e+01	2.7106e+01	1.6989e+01
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	-8.6930e+00	1.0216e+01	1.7143e-01
	993	0.0000e+00	0.0000e+00	0.0000e+00	1.0942e+01	1.3378e+01	-3.0806e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	6.2507e+00	2.0113e+01	1.7471e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	-9.9691e+00	1.2750e+01	4.9992e+00
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	-3.6130e+00	1.6395e+00	-9.8284e-01
	992	0.0000e+00	0.0000e+00	0.0000e+00	1.7016e+01	-2.1590e+00	-5.9661e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	1.0482e+01	8.9245e+00	-6.5412e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	-6.2227e+00	6.3798e+00	-1.5580e+00
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	4.5621e-01	-5.1638e+00	3.0300e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	2.0502e+01	-1.2267e+01	-3.4571e-02
	992	0.0000e+00	0.0000e+00	0.0000e+00	1.6740e+01	-6.1015e+00	-5.1814e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.4046e+00	-1.9845e+00	-2.1169e+00
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	1.4419e+00	-5.8615e+00	9.5169e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	2.1662e+01	-1.3819e+01	8.9031e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	2.0623e+01	-1.3594e+01	2.0630e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	1.3546e+00	-6.6402e+00	2.6768e+00
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.1196e+00	1.7422e-01	1.4392e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	1.9733e+01	-4.8695e+00	1.6784e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	2.2230e+01	-1.1494e+01	1.1336e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	7.7183e-01	-4.6618e+00	8.9443e+00
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	-6.6729e+00	1.0398e+01	1.2510e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	1.3520e+01	1.4140e+01	1.8063e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	2.0686e+01	4.7898e-01	1.8111e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	-3.6501e+00	4.1166e+00	1.2558e+01



1619	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.1378e+01	1.8012e+01	2.2233e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	8.4528e+00	2.9122e+01	6.3323e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	1.4583e+01	2.0205e+01	1.3852e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-9.9681e+00	1.4921e+01	9.7434e+00
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	-2.9171e+01	5.2438e+00	2.6422e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.3137e+01	6.6568e+00	1.7109e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.5126e+01	1.0027e+01	4.1949e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-2.8891e+01	6.0253e+00	5.1262e+00
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	-2.8067e+01	2.3195e+00	1.5157e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.0158e+01	-3.0269e-01	-3.9625e-01
	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.3437e+01	5.3924e+00	-7.3125e-01
	981	0.0000e+00	0.0000e+00	0.0000e+00	-2.8296e+01	3.5005e+00	1.1807e+00
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	-2.7115e+01	-9.1268e-02	3.9265e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	-8.2517e+00	-5.3826e+00	2.7316e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.0486e+01	-1.5592e+00	-6.5383e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-2.7074e+01	5.2978e-01	5.4101e-01
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	-2.7484e+01	-3.0939e-01	8.0155e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	-8.4962e+00	-5.5583e+00	8.4164e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	-8.3840e+00	-5.6307e+00	3.8102e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-2.6861e+01	-8.3807e-01	3.4093e+00
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	-2.9402e+01	1.8057e+00	1.0503e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.1085e+01	-1.7272e-01	1.2592e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	-8.3422e+00	-4.4273e+00	9.4823e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-2.8312e+01	3.7364e-01	7.3935e+00
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	-3.2214e+01	4.9375e+00	8.3602e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.4911e+01	8.3838e+00	1.1267e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.0674e+01	1.8704e+00	1.2047e+01
	977	0.0000e+00	0.0000e+00	0.0000e+00	-3.1118e+01	3.6145e+00	9.1410e+00
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	-3.3916e+01	6.7579e+00	1.3552e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.7524e+01	1.3632e+01	3.0295e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.4519e+01	1.0166e+01	7.8220e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-3.3849e+01	6.5921e+00	6.1477e+00
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	-4.8935e+01	1.7398e+00	1.9134e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	-3.3891e+01	2.5328e+00	2.8527e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-3.3861e+01	4.2116e+00	4.4381e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	-4.7241e+01	1.5483e+00	3.4989e+00
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	-5.0968e+01	2.5165e+00	6.4201e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-3.4156e+01	3.8278e-01	1.4457e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	-3.4650e+01	2.7030e+00	1.0953e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	-4.9000e+01	1.3332e+00	2.9155e-01
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	-5.2768e+01	3.4048e+00	2.5098e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-3.4854e+01	-8.9271e-01	3.4513e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	-3.4998e+01	6.7403e-01	7.7596e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	-5.0896e+01	2.2087e+00	-1.6548e-01
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	-5.4409e+01	3.7636e+00	6.0718e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-3.6224e+01	-5.3284e-01	7.2546e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-3.5412e+01	-4.8889e-01	3.5536e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-5.3051e+01	3.2828e+00	2.3708e+00
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	-5.5644e+01	2.9292e+00	8.6081e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-3.7983e+01	1.2372e+00	9.7609e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-3.6279e+01	-1.4831e-01	7.1927e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-5.5232e+01	3.7582e+00	6.0399e+00
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	-5.6166e+01	6.9300e-01	7.4591e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-3.9313e+01	3.1737e+00	8.0877e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-3.7516e+01	1.3478e+00	8.5220e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-5.6810e+01	2.8817e+00	7.8934e+00
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	-5.5789e+01	-1.7174e+00	1.8811e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	-3.9788e+01	3.4914e+00	1.7700e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-3.8693e+01	2.9204e+00	5.3135e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-5.7088e+01	4.0440e-01	5.4246e+00
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	-6.9253e+01	-1.9760e+00	-1.4878e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	-5.3703e+01	-7.7719e-01	9.8727e-01
	366	0.0000e+00	0.0000e+00	0.0000e+00	-5.2097e+01	-1.6717e-01	2.8002e+00

	355	0.0000e+00	0.0000e+00	0.0000e+00	-6.6318e+01	-2.9205e+00	3.2512e-01
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	-7.3706e+01	2.7292e+00	-3.2505e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	-5.6916e+01	7.1379e-01	-1.6351e-01
	975	0.0000e+00	0.0000e+00	0.0000e+00	-5.5208e+01	4.6783e-01	-4.9397e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-6.9750e+01	-8.2717e-01	-3.5809e+00
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	-7.7499e+01	6.8759e+00	-9.6810e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	-6.0194e+01	2.6108e+00	1.8070e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	-5.8496e+01	2.2164e+00	-1.0028e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	-7.4105e+01	4.0766e+00	-3.7779e+00
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	-8.0647e+01	8.4669e+00	3.4472e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-6.2833e+01	3.4509e+00	5.6341e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-6.1319e+01	3.6334e+00	1.5392e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-7.8148e+01	7.5444e+00	-6.4771e-01
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	-8.2408e+01	5.7436e+00	7.7721e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-6.4175e+01	2.3249e+00	8.7150e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-6.3205e+01	3.5351e+00	5.1744e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-8.1648e+01	7.8350e+00	4.2315e+00
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	-8.1637e+01	-2.0772e+00	8.9388e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-6.3603e+01	-9.3519e-01	7.9179e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-6.3515e+01	1.0956e+00	7.2365e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-8.3598e+01	3.7230e+00	8.2575e+00
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	-7.9604e+01	-1.0085e+01	3.8810e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	-6.2029e+01	-4.7732e+00	2.1098e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-6.2282e+01	-2.9298e+00	5.3999e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-8.2601e+01	-4.7903e+00	7.1710e+00
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	-9.1686e+01	-7.1926e+00	-6.9883e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	-7.3710e+01	-4.8180e+00	-3.3935e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	-7.0806e+01	-5.3263e+00	-2.0324e-01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-8.7994e+01	-9.9065e+00	-3.7980e+00
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	-9.6182e+01	3.7475e+00	-8.7134e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	-7.9657e+01	1.4360e+00	-4.3739e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	-7.6319e+01	-2.0845e+00	-5.0613e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	-9.1557e+01	-2.8975e+00	-9.4008e+00
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	-9.9098e+01	1.0416e+01	-5.3081e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-8.4806e+01	6.7319e+00	-2.0974e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	-8.1623e+01	3.8590e+00	-5.2326e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-9.6389e+01	7.0097e+00	-8.4433e+00
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	-1.0391e+02	1.4108e+01	-1.1546e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-8.8936e+01	8.3841e+00	2.4695e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-8.6312e+01	8.2865e+00	-1.8690e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-9.9883e+01	1.2020e+01	-5.4931e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	-1.1015e+02	1.2717e+01	4.8086e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-9.1547e+01	5.1409e+00	8.0801e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-9.0272e+01	8.9817e+00	2.6613e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	-1.0542e+02	1.3218e+01	-6.1017e-01
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.1133e+02	-7.9139e-01	1.1241e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-9.0777e+01	-3.6517e+00	1.0375e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-9.1462e+01	3.3996e+00	6.7451e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	-1.1223e+02	8.4527e+00	7.6109e+00
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.0882e+02	-2.0498e+01	7.5495e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	-8.6766e+01	-1.3711e+01	4.0353e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-8.8121e+01	-8.1914e+00	7.5782e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.1391e+02	-9.1284e+00	1.1092e+01
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.2276e+02	-2.0697e+01	-1.1651e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-9.4490e+01	-1.0685e+01	-9.8840e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	-9.2110e+01	-1.4479e+01	-4.6653e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	-1.2189e+02	-1.5844e+01	-6.4319e+00
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	-1.1278e+02	2.6508e+00	-7.5953e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.0232e+02	5.3349e+00	-8.7415e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.0039e+02	-5.2094e+00	-1.2797e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.1681e+02	6.3157e+00	-1.1651e+01
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	-1.0848e+02	9.6826e+00	-6.8954e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.0474e+02	1.1516e+01	-7.2718e+00

	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.0230e+02	5.8543e+00	-8.6153e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-1.1161e+02	1.0616e+01	-8.2388e+00
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	-1.1355e+02	1.4516e+01	-9.5366e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	-1.0967e+02	1.4033e+01	-4.8333e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.0580e+02	1.2604e+01	-5.5423e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-1.0879e+02	1.3667e+01	-1.0246e+01
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	-1.2974e+02	1.9877e+01	-8.2936e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	-1.1794e+02	1.1575e+01	1.8238e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	-1.1334e+02	1.6343e+01	-2.5801e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	-1.1578e+02	1.7641e+01	-1.2698e+01
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.4933e+02	1.9554e+01	5.0793e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.2497e+02	-2.9356e+00	1.4818e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	-1.2298e+02	1.3753e+01	2.8355e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	-1.3345e+02	1.7384e+01	-6.9027e+00
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	-1.5720e+02	-2.9678e+01	1.0575e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.1861e+02	-2.6427e+01	8.4830e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.1951e+02	-1.1695e+01	1.0644e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.6013e+02	-1.3155e+01	1.2735e+01
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.3770e+02	4.1765e+01	4.8510e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.5792e+02	-9.7347e+00	1.5681e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	-9.3482e+01	-3.3405e+01	-1.3876e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.8827e+02	-5.1236e+01	3.3066e+01
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	-1.0077e+02	9.7291e+00	1.6093e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-1.2050e+02	1.2436e+01	-5.2394e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.3930e+02	-4.2829e+00	1.9017e+00
	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.2111e+02	-1.7144e+01	2.3234e+01
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	-8.8685e+01	8.4700e+00	-2.7342e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-1.0744e+02	1.1353e+01	-8.6701e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-1.1137e+02	6.5167e+00	6.2024e-01
	955	0.0000e+00	0.0000e+00	0.0000e+00	-9.5644e+01	-1.0853e+01	6.5561e+00
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-8.9702e+01	1.2912e+01	-1.9428e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-1.1111e+02	1.4367e+01	-1.5201e+01
	952	0.0000e+00	0.0000e+00	0.0000e+00	-1.0466e+02	1.1499e+01	-5.7766e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	-8.8390e+01	-7.5902e+00	-1.0004e+01
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-1.0403e+02	1.9570e+01	-3.6269e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-1.3144e+02	1.8429e+01	-2.0478e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-1.1281e+02	1.8563e+01	-1.1329e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-9.3673e+01	-2.5207e+00	-2.7121e+01
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-1.4049e+02	2.3579e+01	-5.2230e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.8369e+02	1.0375e+01	-1.4936e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-1.4199e+02	3.1471e+01	-1.0273e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-1.1375e+02	8.1018e+00	-4.7567e+01
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.8581e+02	-5.1443e+00	-4.6865e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-1.3525e+02	-5.0228e+01	3.1835e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	-2.1128e+02	1.0738e+01	-9.0925e+00
	947	0.0000e+00	0.0000e+00	0.0000e+00	-1.6538e+02	5.4876e+01	-8.7793e+01
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	-8.3814e+01	7.5125e+00	-4.0016e+00
	945	0.0000e+00	0.0000e+00	0.0000e+00	-2.9983e+01	4.2915e+01	-6.7509e+01
	18	0.0000e+00	0.0000e+00	0.0000e+00	-2.2268e+02	-3.0495e+01	-3.8991e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-1.8569e+01	-5.1931e+01	2.4516e+01
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	-2.6463e+01	1.3932e+01	-4.0514e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	-1.4387e+01	7.5054e+00	-2.0212e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	-1.5004e+01	-3.0095e+00	-2.8300e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-5.8278e+01	6.6831e+00	-1.2139e+01
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	-1.2341e+01	6.1906e+00	-5.2972e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	-7.3547e+00	4.0334e+00	-1.0862e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	-1.0486e+01	3.1805e-01	-1.5580e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	-2.0377e+01	7.5664e+00	-1.0016e+01
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	-6.7920e+00	3.7160e+00	-3.4243e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	-4.9770e+00	2.1308e+00	-5.7135e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	-5.6954e+00	1.2173e+00	-8.5034e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	-1.0668e+01	5.1925e+00	-6.2141e+00
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	-4.3479e+00	1.8168e+00	-1.9100e+00

	941	0.0000e+00	0.0000e+00	0.0000e+00	-3.9146e+00	8.7291e-01	-3.0122e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	-4.2600e+00	9.8074e-01	-4.6161e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	-6.2145e+00	3.2337e+00	-3.5139e+00
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	-3.1458e+00	-2.3751e-01	-9.6475e-01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-3.6317e+00	-6.5307e-01	-1.4758e+00
	941	0.0000e+00	0.0000e+00	0.0000e+00	-3.6073e+00	1.9249e-01	-2.3284e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	-4.1959e+00	1.4761e+00	-1.8173e+00
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	-2.4523e+00	-3.5250e+00	-4.6712e-01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-4.0536e+00	-3.5658e+00	-6.5639e-01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-3.6757e+00	-1.2448e+00	-1.0231e+00
	933	0.0000e+00	0.0000e+00	0.0000e+00	-3.2101e+00	-5.5459e-01	-8.3386e-01
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	4.5219e+00	-2.6202e+00	7.7772e+00
	17	0.0000e+00	0.0000e+00	0.0000e+00	-4.8984e+00	-2.2594e+01	4.8149e+00
	939	0.0000e+00	0.0000e+00	0.0000e+00	-5.7439e+00	-7.5701e-01	-1.7268e+00
	932	0.0000e+00	0.0000e+00	0.0000e+00	-5.7759e-01	-7.6917e+00	1.2354e+00
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.9505e+01	-1.3541e+01	9.6356e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	-4.5460e+01	-1.1444e+01	1.2639e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-4.0951e+01	-3.3035e+01	8.8208e+00
	527	0.0000e+00	0.0000e+00	0.0000e+00	-1.7988e+01	-2.3329e+01	5.8177e+00
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	-2.1672e+01	7.0128e+00	4.5191e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	-2.4067e+01	7.9506e+00	-3.0675e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	-3.6609e+01	1.0406e+01	5.4903e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	-2.4356e+01	-5.7125e+00	1.3077e+01
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	-1.3442e+01	6.7368e+00	1.4332e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	-1.3315e+01	6.8061e+00	-4.8637e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	-2.2165e+01	7.6313e+00	-3.0395e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	-1.7229e+01	4.0646e+00	3.2574e+00
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	-7.7093e+00	4.9462e+00	4.0836e-01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-7.7207e+00	4.5275e+00	-3.1765e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	-1.1598e+01	5.2525e+00	-3.2691e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	-1.1027e+01	5.0184e+00	3.1571e-01
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	-4.3416e+00	2.8371e+00	2.9781e-01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-4.7256e+00	2.4772e+00	-1.7742e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	-6.7226e+00	3.3145e+00	-2.1916e+00
	928	0.0000e+00	0.0000e+00	0.0000e+00	-6.5029e+00	3.7864e+00	-1.1953e-01
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	-2.0597e+00	6.8960e-01	6.2764e-01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-2.8655e+00	3.6530e-01	-8.1700e-01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-4.1496e+00	1.4528e+00	-1.2276e+00
	927	0.0000e+00	0.0000e+00	0.0000e+00	-3.6749e+00	1.9470e+00	2.1702e-01
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	-3.6489e-01	-1.0416e+00	1.9406e+00
	932	0.0000e+00	0.0000e+00	0.0000e+00	-2.0012e-01	-2.4133e+00	2.8935e-01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-2.5470e+00	-9.3849e-01	-7.2823e-01
	926	0.0000e+00	0.0000e+00	0.0000e+00	-1.3319e+00	-2.8205e-01	9.2305e-01
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	5.4204e-01	-8.7339e-01	3.8086e+00
	861	0.0000e+00	0.0000e+00	0.0000e+00	-7.2525e-01	-8.8591e-01	3.9922e+00
	932	0.0000e+00	0.0000e+00	0.0000e+00	-3.1153e-01	-5.1664e+00	2.2363e+00
	925	0.0000e+00	0.0000e+00	0.0000e+00	4.9680e-01	-1.6790e+00	2.0527e+00
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	-5.1150e+00	-9.6350e+00	7.8242e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.7791e+01	-1.1172e+01	1.0077e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	-1.4100e+01	-1.8946e+01	6.2908e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	-4.2849e+00	-1.2936e+01	4.0376e+00
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	-8.2627e+00	-4.3374e-01	7.1917e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	-1.6150e+01	2.8259e+00	7.9276e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.5326e+01	-4.4716e+00	1.0258e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	-7.6098e+00	-5.8572e+00	9.5223e+00
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	-7.3786e+00	3.6377e+00	5.0171e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	-1.0902e+01	5.0982e+00	2.7012e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	-1.4923e+01	4.5744e+00	5.4995e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	-8.0061e+00	4.5757e-01	7.8154e+00
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	-4.9080e+00	3.8717e+00	3.2449e+00
	928	0.0000e+00	0.0000e+00	0.0000e+00	-6.7331e+00	4.4646e+00	9.7551e-01
	929	0.0000e+00	0.0000e+00	0.0000e+00	-9.9412e+00	5.2558e+00	2.4127e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	-6.2543e+00	2.9842e+00	4.6820e+00

1682	920	0.0000e+00	0.0000e+00	0.0000e+00	-2.7866e+00	2.7566e+00	2.3604e+00
	927	0.0000e+00	0.0000e+00	0.0000e+00	-3.8688e+00	2.8255e+00	6.6106e-01
	928	0.0000e+00	0.0000e+00	0.0000e+00	-6.0659e+00	3.9462e+00	1.1806e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	-4.0000e+00	2.9796e+00	2.8800e+00
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	-1.2255e+00	1.3188e+00	2.3289e+00
	926	0.0000e+00	0.0000e+00	0.0000e+00	-1.8002e+00	8.5174e-01	1.0510e+00
	927	0.0000e+00	0.0000e+00	0.0000e+00	-3.4432e+00	2.1583e+00	9.4232e-01
	920	0.0000e+00	0.0000e+00	0.0000e+00	-2.1471e+00	1.9078e+00	2.2202e+00
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	-1.8602e-01	1.6191e-01	3.0065e+00
	925	0.0000e+00	0.0000e+00	0.0000e+00	-3.5917e-01	-8.2418e-01	2.1279e+00
	926	0.0000e+00	0.0000e+00	0.0000e+00	-1.5379e+00	2.8422e-01	1.4865e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	-7.7055e-01	5.7666e-01	2.3650e+00
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	2.0824e-01	-1.3594e-01	3.6046e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	-2.6539e-01	-4.9766e-01	3.5314e+00
	925	0.0000e+00	0.0000e+00	0.0000e+00	-1.2921e-01	-9.6226e-01	2.9533e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	-7.4827e-02	-1.7174e-01	3.0265e+00
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	3.3122e+00	-5.8234e+00	5.8083e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	-4.1658e+00	-7.6047e+00	7.1839e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	-2.0743e+00	-1.0449e+01	4.4336e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	3.9814e+00	-6.7487e+00	3.0580e+00
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	9.9072e-01	-1.9750e+00	6.7671e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	-5.4973e+00	-9.3074e-01	8.2529e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	-3.4426e+00	-4.9862e+00	8.3972e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	1.9179e+00	-4.2295e+00	6.9113e+00
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	-3.2129e-01	9.9041e-01	5.7199e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	-4.7747e+00	2.4339e+00	5.9150e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	-4.9680e+00	8.6304e-01	7.5374e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	2.6350e-01	-9.2712e-01	7.3423e+00
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	-4.9698e-01	2.1286e+00	4.2463e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	-3.2283e+00	3.0765e+00	3.7381e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	-4.4273e+00	3.1921e+00	5.2508e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	-3.1788e-01	1.1250e+00	5.7590e+00
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	-2.2434e-01	2.0526e+00	3.2467e+00
	920	0.0000e+00	0.0000e+00	0.0000e+00	-1.8096e+00	2.3770e+00	2.6419e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	-3.0192e+00	3.1740e+00	3.5001e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	-2.2854e-01	1.7879e+00	4.1049e+00
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	6.5205e-02	1.4192e+00	2.9670e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	-7.4562e-01	1.2160e+00	2.4761e+00
	920	0.0000e+00	0.0000e+00	0.0000e+00	-1.6986e+00	2.1925e+00	2.6867e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	3.3030e-02	1.5695e+00	3.1776e+00
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	2.0649e-01	6.5808e-01	3.2101e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	-1.4656e-01	2.2922e-01	2.9425e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	-6.8440e-01	9.7068e-01	2.7322e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	2.0721e-01	9.6101e-01	2.9998e+00
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	1.0621e-01	6.7573e-02	3.4436e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	-7.3610e-02	-6.1342e-02	3.4687e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	-6.8268e-02	1.1653e-01	3.2793e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	1.5136e-01	3.6511e-01	3.2542e+00
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	9.8859e+00	-2.9091e+00	4.1851e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	4.3076e+00	-4.3560e+00	5.1391e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	5.6481e+00	-5.0614e+00	3.1719e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	1.0460e+01	-2.5875e+00	2.2179e+00
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	7.9675e+00	-1.9644e+00	5.3132e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	2.6606e+00	-1.6474e+00	6.6780e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	4.4700e+00	-3.3880e+00	6.3529e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	8.8970e+00	-2.4231e+00	4.9881e+00
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	5.8946e+00	-5.3380e-01	4.7145e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	1.6363e+00	5.2016e-01	5.8484e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	2.7335e+00	-5.8027e-01	6.7794e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	7.0729e+00	-1.3820e+00	5.6456e+00
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	4.1195e+00	6.3097e-01	3.5288e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	1.1600e+00	1.5127e+00	4.3280e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	1.5304e+00	1.3153e+00	5.5284e+00

	908	0.0000e+00	0.0000e+00	0.0000e+00	5.3529e+00	-1.9557e-01	4.7292e+00
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	2.7124e+00	1.2744e+00	2.6702e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	8.9356e-01	1.6165e+00	3.2504e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	9.3115e-01	1.9983e+00	4.0626e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	3.8393e+00	7.2159e-01	3.4824e+00
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	1.6321e+00	1.3568e+00	2.4707e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	6.5310e-01	1.2125e+00	2.9110e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	6.3333e-01	1.8576e+00	3.1711e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	2.5355e+00	1.1950e+00	2.7307e+00
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	8.2386e-01	9.1793e-01	2.7403e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	3.6695e-01	6.0491e-01	3.0881e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	4.4431e-01	1.2784e+00	2.9892e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	1.4446e+00	1.1625e+00	2.6414e+00
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	1.5626e-01	1.3654e-01	2.9939e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	2.6880e-02	1.3107e-02	3.3089e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	2.5322e-01	5.8157e-01	3.2079e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	5.6220e-01	6.5947e-01	2.8929e+00
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	1.6332e+01	-7.8162e-01	2.8445e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	1.0982e+01	-1.7814e+00	3.5654e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	1.2057e+01	-1.2623e+00	2.0849e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.6705e+01	6.8880e-01	1.3639e+00
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	1.4467e+01	-1.9818e+00	3.4963e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	9.4318e+00	-1.5663e+00	4.7272e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	1.0999e+01	-1.6805e+00	4.6391e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	1.5370e+01	-1.0894e+00	3.4082e+00
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	1.1703e+01	-1.7470e+00	2.5358e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	7.6053e+00	-7.6635e-01	4.2155e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	9.2193e+00	-1.0492e+00	5.1283e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	1.3460e+01	-1.8879e+00	3.4486e+00
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	8.5851e+00	-5.6944e-01	1.2722e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	5.6698e+00	1.7614e-01	3.1033e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	7.0868e+00	8.0305e-03	4.1717e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	1.0843e+01	-1.3758e+00	2.3406e+00
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	5.6390e+00	7.6011e-01	6.0955e-01
	906	0.0000e+00	0.0000e+00	0.0000e+00	3.8175e+00	9.0939e-01	2.3178e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	4.9851e+00	9.7374e-01	2.9464e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	7.8997e+00	-1.2971e-01	1.2381e+00
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	3.2042e+00	1.5652e+00	8.0291e-01
	905	0.0000e+00	0.0000e+00	0.0000e+00	2.2176e+00	1.1854e+00	2.1987e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	3.1441e+00	1.5385e+00	2.2357e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	5.0790e+00	1.0851e+00	8.3986e-01
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	1.4610e+00	1.3778e+00	1.5436e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	9.7833e-01	8.7852e-01	2.5219e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	1.7027e+00	1.5185e+00	2.2133e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	2.7000e+00	1.6343e+00	1.2350e+00
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	2.6927e-01	2.1002e-01	2.1138e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	8.1296e-02	6.8721e-02	2.7548e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	6.9035e-01	8.9237e-01	2.5635e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	9.4663e-01	1.1325e+00	1.9225e+00
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	2.3887e+01	5.3529e-01	1.7789e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	1.7600e+01	1.8262e-01	2.1978e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.8570e+01	1.8884e+00	1.0664e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	2.3757e+01	3.7907e+00	6.4755e-01
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	2.1572e+01	-3.0148e+00	1.1873e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	1.6176e+01	-1.8328e+00	2.4815e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	1.7702e+01	-4.9542e-01	3.1976e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	2.2643e+01	-7.4068e-01	1.9034e+00
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	1.7501e+01	-3.3750e+00	-9.8130e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	1.3551e+01	-2.1225e+00	1.4774e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	1.5653e+01	-1.6287e+00	2.9387e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	2.0333e+01	-3.2889e+00	4.8004e-01
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	1.2802e+01	-1.6581e+00	-2.5892e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	1.0151e+01	-1.0162e+00	3.5385e-01

	901	0.0000e+00	0.0000e+00	0.0000e+00	1.2505e+01	-1.1723e+00	1.5000e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	1.6354e+01	-2.8148e+00	-1.4430e+00
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	8.3302e+00	6.7292e-01	-2.9549e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	6.6964e+00	4.9720e-01	-1.1773e-01
	900	0.0000e+00	0.0000e+00	0.0000e+00	8.9315e+00	1.8784e-01	2.5835e-01
	893	0.0000e+00	0.0000e+00	0.0000e+00	1.1789e+01	-7.3747e-01	-2.5788e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	4.5482e+00	2.4386e+00	-2.0722e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	3.6959e+00	1.5384e+00	3.0129e-01
	899	0.0000e+00	0.0000e+00	0.0000e+00	5.5511e+00	1.5631e+00	-1.3224e-01
	892	0.0000e+00	0.0000e+00	0.0000e+00	7.4563e+00	1.5270e+00	-2.5058e+00
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	1.9067e+00	2.5200e+00	-3.6381e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	1.4645e+00	1.4883e+00	1.2423e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	2.8252e+00	2.1565e+00	3.6646e-01
	891	0.0000e+00	0.0000e+00	0.0000e+00	3.7692e+00	2.8704e+00	-1.2396e+00
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	4.3682e-01	4.0315e-01	9.5579e-01
	821	0.0000e+00	0.0000e+00	0.0000e+00	5.8434e-02	2.2028e-01	1.7847e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	1.0438e+00	1.4490e+00	1.2919e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.1149e+00	2.2483e+00	4.6303e-01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	3.3948e+01	5.6103e-01	9.8183e-01
	896	0.0000e+00	0.0000e+00	0.0000e+00	2.5398e+01	1.3449e+00	9.1129e-01
	472	0.0000e+00	0.0000e+00	0.0000e+00	2.6313e+01	5.0177e+00	3.7241e-01
	461	0.0000e+00	0.0000e+00	0.0000e+00	3.2892e+01	6.8756e+00	4.4295e-01
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	2.9474e+01	-6.0850e+00	-2.6499e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	2.3964e+01	-3.5847e+00	-5.3927e-01
	896	0.0000e+00	0.0000e+00	0.0000e+00	2.5826e+01	-3.8373e-01	1.9574e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	3.1847e+01	-2.8597e+00	-1.5316e-01
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	2.2646e+01	-5.4799e+00	-6.6738e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	1.9678e+01	-4.2102e+00	-2.5765e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	2.2716e+01	-3.1562e+00	-2.7066e-01
	888	0.0000e+00	0.0000e+00	0.0000e+00	2.7830e+01	-6.4825e+00	-4.3679e+00
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	1.6215e+01	-2.4078e+00	-8.0999e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	1.4332e+01	-2.1324e+00	-3.8777e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	1.7862e+01	-2.6629e+00	-2.8006e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	2.1159e+01	-4.5344e+00	-7.0227e+00
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	1.0595e+01	1.2488e+00	-7.8256e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	9.2655e+00	6.0129e-01	-4.0056e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	1.2602e+01	-3.9956e-01	-4.0249e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	1.4925e+01	-1.0085e+00	-7.8449e+00
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	5.6766e+00	4.4189e+00	-6.1220e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	4.8963e+00	2.6898e+00	-2.8174e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	7.6997e+00	2.1650e+00	-3.8863e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	9.5049e+00	2.5664e+00	-7.1908e+00
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	2.0488e+00	5.2910e+00	-2.9964e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.6082e+00	2.9498e+00	-6.6497e-01
	891	0.0000e+00	0.0000e+00	0.0000e+00	3.6194e+00	3.7222e+00	-2.5433e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	4.7164e+00	5.1248e+00	-4.8746e+00
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	7.6391e-01	1.2863e+00	-4.6962e-02
	813	0.0000e+00	0.0000e+00	0.0000e+00	-1.8267e-01	6.3264e-01	7.0005e-01
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.1115e+00	2.7871e+00	-5.1984e-01
	883	0.0000e+00	0.0000e+00	0.0000e+00	9.6890e-01	4.5649e+00	-1.2669e+00
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	4.8942e+01	-5.5018e+00	-1.1016e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	3.6583e+01	4.7992e-01	-1.2621e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	3.6849e+01	8.4585e+00	4.3380e-01
	441	0.0000e+00	0.0000e+00	0.0000e+00	4.8355e+01	1.1060e+01	5.9428e-01
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	3.4390e+01	-1.2006e+01	-1.2494e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	3.3336e+01	-8.8034e+00	-5.7748e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	3.6687e+01	-2.5508e+00	1.0144e-01
	881	0.0000e+00	0.0000e+00	0.0000e+00	4.4523e+01	-1.1060e+01	-6.6179e+00
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	2.4276e+01	-8.3331e+00	-1.5072e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	2.4770e+01	-6.7219e+00	-8.6486e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	2.9464e+01	-6.4375e+00	-6.7394e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	3.2472e+01	-8.6317e+00	-1.3163e+01
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	1.7294e+01	-3.4082e+00	-1.4486e+01

	886	0.0000e+00	0.0000e+00	0.0000e+00	1.7349e+01	-2.6764e+00	-9.5810e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	2.1824e+01	-4.4541e+00	-9.4653e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	2.2663e+01	-3.9528e+00	-1.4370e+01
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	1.2077e+01	1.2996e+00	-1.3081e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	1.1360e+01	1.5272e+00	-9.1802e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	1.5156e+01	-7.3933e-01	-9.8354e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	1.6110e+01	7.9424e-01	-1.3736e+01
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	7.4564e+00	5.5849e+00	-1.0978e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	6.1414e+00	5.0418e+00	-7.4791e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	9.4168e+00	3.2399e+00	-8.8597e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	1.1204e+01	5.4485e+00	-1.2359e+01
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	2.2422e+00	8.6047e+00	-7.0867e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	1.7333e+00	6.0774e+00	-3.7044e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	3.9586e+00	6.5714e+00	-6.6496e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	6.8049e+00	9.9144e+00	-1.0032e+01
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	1.5012e+00	1.5029e+00	-5.5313e-01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-6.0268e-01	1.8640e+00	-2.0939e-01
	883	0.0000e+00	0.0000e+00	0.0000e+00	1.1416e-01	5.9562e+00	-3.2486e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.4742e+00	1.2375e+01	-3.5924e+00
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	4.4040e+01	-1.7233e+01	-3.9043e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	6.3669e+01	-1.5771e+01	-8.9710e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	4.8829e+01	1.6485e+01	1.0306e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.1923e+02	-2.0475e+01	-1.9766e+01
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	2.6773e+01	-2.5850e+00	-2.6714e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	3.4894e+01	-1.5278e+01	-1.3098e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	5.3225e+01	-1.0863e+01	-1.3561e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	3.5770e+01	-2.2632e+01	-2.7177e+01
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	1.8913e+01	3.2289e+00	-2.1741e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	2.2393e+01	-7.8498e+00	-1.4861e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	3.2595e+01	-9.6784e+00	-1.6762e+01
	880	0.0000e+00	0.0000e+00	0.0000e+00	2.2518e+01	-1.6968e+01	-2.3642e+01
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	1.4837e+01	8.0057e+00	-1.8294e+01
	875	0.0000e+00	0.0000e+00	0.0000e+00	1.5603e+01	-2.2083e+00	-1.4059e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	2.2686e+01	-4.7693e+00	-1.5897e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	1.6254e+01	-1.1320e+01	-2.0132e+01
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	1.2676e+01	1.2742e+01	-1.5519e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	1.1098e+01	2.8416e+00	-1.2572e+01
	875	0.0000e+00	0.0000e+00	0.0000e+00	1.6726e+01	1.7609e-01	-1.4225e+01
	876	0.0000e+00	0.0000e+00	0.0000e+00	1.2963e+01	-6.4292e+00	-1.7172e+01
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	1.1772e+01	1.8038e+01	-1.2965e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	7.3726e+00	7.5998e+00	-1.0618e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	1.2619e+01	4.9729e+00	-1.2224e+01
	874	0.0000e+00	0.0000e+00	0.0000e+00	1.1236e+01	-2.2651e+00	-1.4571e+01
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	1.1750e+01	2.4586e+01	-9.9548e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	2.4562e+00	1.1389e+01	-7.3138e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	8.9273e+00	9.9640e+00	-9.4927e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	1.0579e+01	1.1098e+00	-1.2134e+01
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	7.3499e+00	3.4417e+01	-1.8900e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	-5.9808e+00	3.7835e+00	3.9106e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	2.2377e+00	1.6028e+01	-4.3484e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	1.0772e+01	1.8562e+00	-1.0149e+01
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	5.7570e-01	7.6918e+00	1.2353e+00
	868	0.0000e+00	0.0000e+00	0.0000e+00	5.7425e+00	7.5741e-01	-1.7275e+00
	17	0.0000e+00	0.0000e+00	0.0000e+00	4.8954e+00	2.2593e+01	4.8145e+00
	861	0.0000e+00	0.0000e+00	0.0000e+00	-4.5232e+00	2.6198e+00	7.7773e+00
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	3.2087e+00	5.5467e-01	-8.3395e-01
	867	0.0000e+00	0.0000e+00	0.0000e+00	3.6745e+00	1.2448e+00	-1.0234e+00
	868	0.0000e+00	0.0000e+00	0.0000e+00	4.0524e+00	3.5657e+00	-6.5670e-01
	860	0.0000e+00	0.0000e+00	0.0000e+00	2.4507e+00	3.5250e+00	-4.6729e-01
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	4.1947e+00	-1.4762e+00	-1.8174e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	3.6061e+00	-1.9255e-01	-2.3285e+00
	867	0.0000e+00	0.0000e+00	0.0000e+00	3.6305e+00	6.5301e-01	-1.4760e+00
	859	0.0000e+00	0.0000e+00	0.0000e+00	3.1445e+00	2.3752e-01	-9.6489e-01



1745	857	0.0000e+00	0.0000e+00	0.0000e+00	6.2133e+00	-3.2337e+00	-3.5139e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	4.2588e+00	-9.8083e-01	-4.6162e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	3.9134e+00	-8.7300e-01	-3.0123e+00
	858	0.0000e+00	0.0000e+00	0.0000e+00	4.3466e+00	-1.8168e+00	-1.9101e+00
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	1.0667e+01	-5.1926e+00	-6.2141e+00
	864	0.0000e+00	0.0000e+00	0.0000e+00	5.6942e+00	-1.2174e+00	-8.5033e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	4.9758e+00	-2.1309e+00	-5.7136e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	6.7907e+00	-3.7161e+00	-3.4243e+00
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	2.0375e+01	-7.5664e+00	-1.0016e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	1.0484e+01	-3.1814e-01	-1.5580e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	7.3535e+00	-4.0335e+00	-1.0862e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	1.2340e+01	-6.1906e+00	-5.2972e+00
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	5.8277e+01	-6.6831e+00	-1.2139e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	1.5003e+01	3.0094e+00	-2.8299e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	1.4385e+01	-7.5054e+00	-2.0212e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	2.6461e+01	-1.3932e+01	-4.0514e+00
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	1.8568e+01	5.1931e+01	2.4516e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	2.2268e+02	3.0494e+01	-3.8991e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	2.9982e+01	-4.2915e+01	-6.7508e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	8.3812e+01	-7.5124e+00	-4.0016e+00
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	-4.9831e-01	1.6790e+00	2.0527e+00
	860	0.0000e+00	0.0000e+00	0.0000e+00	3.0994e-01	5.1663e+00	2.2363e+00
	861	0.0000e+00	0.0000e+00	0.0000e+00	7.2368e-01	8.8572e-01	3.9922e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	-5.4354e-01	8.7325e-01	3.8086e+00
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	1.3304e+00	2.8209e-01	9.2305e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	2.5456e+00	9.3852e-01	-7.2831e-01
	860	0.0000e+00	0.0000e+00	0.0000e+00	1.9860e-01	2.4134e+00	2.8933e-01
	852	0.0000e+00	0.0000e+00	0.0000e+00	3.6335e-01	1.0415e+00	1.9407e+00
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	3.6735e+00	-1.9470e+00	2.1700e-01
	858	0.0000e+00	0.0000e+00	0.0000e+00	4.1483e+00	-1.4529e+00	-1.2277e+00
	859	0.0000e+00	0.0000e+00	0.0000e+00	2.8641e+00	-3.6529e-01	-8.1709e-01
	851	0.0000e+00	0.0000e+00	0.0000e+00	2.0583e+00	-6.8960e-01	6.2762e-01
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	6.5015e+00	-3.7864e+00	-1.1955e-01
	857	0.0000e+00	0.0000e+00	0.0000e+00	6.7213e+00	-3.3145e+00	-2.1916e+00
	858	0.0000e+00	0.0000e+00	0.0000e+00	4.7243e+00	-2.4772e+00	-1.7743e+00
	850	0.0000e+00	0.0000e+00	0.0000e+00	4.3402e+00	-2.8371e+00	2.9777e-01
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	1.1025e+01	-5.0184e+00	3.1570e-01
	856	0.0000e+00	0.0000e+00	0.0000e+00	1.1596e+01	-5.2525e+00	-3.2691e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	7.7194e+00	-4.5275e+00	-3.1765e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	7.7080e+00	-4.9462e+00	4.0832e-01
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	1.7228e+01	-4.0646e+00	3.2574e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	2.2163e+01	-7.6313e+00	-3.0395e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	1.3314e+01	-6.8061e+00	-4.8637e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	1.3441e+01	-6.7368e+00	1.4331e+00
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	2.4354e+01	5.7124e+00	1.3077e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	3.6608e+01	-1.0406e+01	5.4902e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	2.4066e+01	-7.9506e+00	-3.0674e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	2.1671e+01	-7.0128e+00	4.5191e+00
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	1.7986e+01	2.3329e+01	5.8177e+00
	431	0.0000e+00	0.0000e+00	0.0000e+00	4.0949e+01	3.3035e+01	8.8208e+00
	854	0.0000e+00	0.0000e+00	0.0000e+00	4.5459e+01	1.1444e+01	1.2639e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	1.9504e+01	1.3541e+01	9.6355e+00
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	7.3168e-02	1.7169e-01	3.0265e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	1.2766e-01	9.6218e-01	2.9533e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	2.6385e-01	4.9754e-01	3.5314e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	-2.0991e-01	1.3587e-01	3.6046e+00
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	7.6890e-01	-5.7667e-01	2.3651e+00
	851	0.0000e+00	0.0000e+00	0.0000e+00	1.5363e+00	-2.8422e-01	1.4865e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	3.5764e-01	8.2414e-01	2.1280e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	1.8435e-01	-1.6194e-01	3.0066e+00
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	2.1455e+00	-1.9079e+00	2.2203e+00
	850	0.0000e+00	0.0000e+00	0.0000e+00	3.4417e+00	-2.1584e+00	9.4231e-01
	851	0.0000e+00	0.0000e+00	0.0000e+00	1.7987e+00	-8.5175e-01	1.0510e+00

	843	0.0000e+00	0.0000e+00	0.0000e+00	1.2238e+00	-1.3188e+00	2.3289e+00
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	3.9984e+00	-2.9796e+00	2.8800e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	6.0645e+00	-3.9463e+00	1.1806e+00
	850	0.0000e+00	0.0000e+00	0.0000e+00	3.8674e+00	-2.8255e+00	6.6104e-01
	842	0.0000e+00	0.0000e+00	0.0000e+00	2.7850e+00	-2.7567e+00	2.3604e+00
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	6.2528e+00	-2.9843e+00	4.6820e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	9.9398e+00	-5.2558e+00	2.4126e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	6.7317e+00	-4.4647e+00	9.7549e-01
	841	0.0000e+00	0.0000e+00	0.0000e+00	4.9065e+00	-3.8718e+00	3.2448e+00
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	8.0046e+00	-4.5760e-01	7.8153e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	1.4921e+01	-4.5744e+00	5.4994e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	1.0901e+01	-5.0983e+00	2.7012e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	7.3771e+00	-3.6377e+00	5.0171e+00
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	7.6084e+00	5.8571e+00	9.5223e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	1.5324e+01	4.4716e+00	1.0258e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	1.6148e+01	-2.8259e+00	7.9275e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	8.2613e+00	4.3373e-01	7.1917e+00
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	4.2836e+00	1.2936e+01	4.0377e+00
	420	0.0000e+00	0.0000e+00	0.0000e+00	1.4098e+01	1.8946e+01	6.2907e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	1.7790e+01	1.1172e+01	1.0077e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	5.1136e+00	9.6350e+00	7.8242e+00
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.5330e-01	-3.6510e-01	3.2542e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	6.6525e-02	-1.1657e-01	3.2794e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	7.1868e-02	6.1284e-02	3.4687e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.0817e-01	-6.7563e-02	3.4436e+00
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	-2.0911e-01	-9.6103e-01	2.9999e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	6.8268e-01	-9.7071e-01	2.7322e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	1.4484e-01	-2.2926e-01	2.9425e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-2.0843e-01	-6.5808e-01	3.2102e+00
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	-3.4872e-02	-1.5695e+00	3.1777e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	1.6969e+00	-2.1926e+00	2.6868e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	7.4393e-01	-1.2160e+00	2.4762e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	-6.7099e-02	-1.4192e+00	2.9671e+00
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	2.2676e-01	-1.7879e+00	4.1049e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	3.0176e+00	-3.1741e+00	3.5001e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	1.8080e+00	-2.3770e+00	2.6419e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	2.2251e-01	-2.0527e+00	3.2468e+00
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	3.1615e-01	-1.1250e+00	5.7591e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	4.4257e+00	-3.1922e+00	5.2508e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	3.2267e+00	-3.0766e+00	3.7381e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	4.9521e-01	-2.1286e+00	4.2463e+00
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	-2.6519e-01	9.2710e-01	7.3423e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	4.9664e+00	-8.6306e-01	7.5374e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	4.7731e+00	-2.4340e+00	5.9150e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	3.1959e-01	-9.9045e-01	5.7199e+00
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.9195e+00	4.2295e+00	6.9114e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	3.4411e+00	4.9862e+00	8.3972e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	5.4957e+00	9.3070e-01	8.2529e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-9.9237e-01	1.9749e+00	6.7671e+00
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	-3.9829e+00	6.7487e+00	3.0581e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	2.0729e+00	1.0449e+01	4.4337e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	4.1643e+00	7.6046e+00	7.1839e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	-3.3138e+00	5.8234e+00	5.8084e+00
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	-5.6446e-01	-6.5939e-01	2.8930e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-2.5526e-01	-5.8156e-01	3.2080e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	-2.8936e-02	-1.3091e-02	3.3089e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.5855e-01	-1.3643e-01	2.9939e+00
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.4467e+00	-1.1624e+00	2.6416e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	-4.4630e-01	-1.2785e+00	2.9894e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-3.6898e-01	-6.0492e-01	3.0882e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-8.2611e-01	-9.1786e-01	2.7404e+00
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	-2.5376e+00	-1.1951e+00	2.7309e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	-6.3525e-01	-1.8577e+00	3.1712e+00

	835	0.0000e+00	0.0000e+00	0.0000e+00	-6.5506e-01	-1.2125e+00	2.9111e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.6343e+00	-1.3568e+00	2.4709e+00
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	-3.8413e+00	-7.2170e-01	3.4825e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	-9.3300e-01	-1.9984e+00	4.0627e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	-8.9544e-01	-1.6166e+00	3.2505e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-2.7145e+00	-1.2745e+00	2.6703e+00
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	-5.3549e+00	1.9549e-01	4.7293e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.5322e+00	-1.3154e+00	5.5285e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.1618e+00	-1.5128e+00	4.3280e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-4.1214e+00	-6.3109e-01	3.5289e+00
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	-7.0748e+00	1.3820e+00	5.6456e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-2.7353e+00	5.8025e-01	6.7795e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.6381e+00	-5.2022e-01	5.8484e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	-5.8965e+00	5.3373e-01	4.7146e+00
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	-8.8988e+00	2.4232e+00	4.9882e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	-4.4717e+00	3.3880e+00	6.3530e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-2.6623e+00	1.6474e+00	6.6780e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	-7.9693e+00	1.9645e+00	5.3132e+00
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.0462e+01	2.5876e+00	2.2182e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	-5.6497e+00	5.0615e+00	3.1721e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	-4.3093e+00	4.3560e+00	5.1392e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	-9.8877e+00	2.9092e+00	4.1853e+00
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	-9.4911e-01	-1.1322e+00	1.9226e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-6.9271e-01	-8.9225e-01	2.5636e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-8.3679e-02	-6.8586e-02	2.7548e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.7180e-01	-2.0974e-01	2.1138e+00
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.7024e+00	-1.6342e+00	1.2353e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.7050e+00	-1.5185e+00	2.2135e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-9.8066e-01	-8.7845e-01	2.5220e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.4634e+00	-1.3776e+00	1.5438e+00
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	-5.0813e+00	-1.0852e+00	8.4015e-01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-3.1462e+00	-1.5386e+00	2.2359e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-2.2198e+00	-1.1854e+00	2.1989e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	-3.2066e+00	-1.5652e+00	8.0321e-01
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	-7.9018e+00	1.2952e-01	1.2383e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-4.9871e+00	-9.7387e-01	2.9465e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-3.8196e+00	-9.0952e-01	2.3180e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	-5.6412e+00	-7.6026e-01	6.0982e-01
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	-1.0845e+01	1.3757e+00	2.3408e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	-7.0888e+00	-8.1294e-03	4.1718e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-5.6718e+00	-1.7629e-01	3.1035e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-8.5872e+00	5.6924e-01	1.2724e+00
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	-1.3462e+01	1.8880e+00	3.4488e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	-9.2212e+00	1.0492e+00	5.1284e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	-7.6073e+00	7.6627e-01	4.2156e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	-1.1705e+01	1.7469e+00	2.5359e+00
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	-1.5371e+01	1.0896e+00	3.4084e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.1001e+01	1.6806e+00	4.6393e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	-9.4337e+00	1.5663e+00	4.7273e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	-1.4469e+01	1.9818e+00	3.4964e+00
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.6706e+01	-6.8837e-01	1.3643e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.2059e+01	1.2626e+00	2.0852e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.0984e+01	1.7816e+00	3.5656e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-1.6334e+01	7.8192e-01	2.8447e+00
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.1173e+00	-2.2479e+00	4.6331e-01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.0464e+00	-1.4487e+00	1.2921e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-6.1019e-02	-2.1994e-01	1.7847e+00
	813	0.0000e+00	0.0000e+00	0.0000e+00	-4.3934e-01	-4.0258e-01	9.5588e-01
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	-3.7714e+00	-2.8703e+00	-1.2392e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.8276e+00	-2.1564e+00	3.6679e-01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.4670e+00	-1.4881e+00	1.2425e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.9091e+00	-2.5197e+00	-3.6342e-01
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	-7.4584e+00	-1.5271e+00	-2.5053e+00

	818	0.0000e+00	0.0000e+00	0.0000e+00	-5.5533e+00	-1.5632e+00	-1.3192e-01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-3.6982e+00	-1.5384e+00	3.0164e-01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-4.5504e+00	-2.4386e+00	-2.0717e+00
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.1791e+01	7.3717e-01	-2.5784e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-8.9335e+00	-1.8805e-01	2.5859e-01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-6.6986e+00	-4.9738e-01	-1.1741e-01
	810	0.0000e+00	0.0000e+00	0.0000e+00	-8.3322e+00	-6.7318e-01	-2.9544e+00
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	-1.6356e+01	2.8146e+00	-1.4428e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	-1.2507e+01	1.1721e+00	1.5002e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-1.0153e+01	1.0160e+00	3.5407e-01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.2804e+01	1.6578e+00	-2.5889e+00
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	-2.0335e+01	3.2890e+00	4.8019e-01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-1.5655e+01	1.6288e+00	2.9388e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	-1.3553e+01	2.1224e+00	1.4775e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	-1.7503e+01	3.3748e+00	-9.8113e-01
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	-2.2645e+01	7.4114e-01	1.9036e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-1.7704e+01	4.9572e-01	3.1978e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	-1.6178e+01	1.8329e+00	2.4816e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	-2.1574e+01	3.0150e+00	1.1874e+00
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	-2.3759e+01	-3.7899e+00	6.4815e-01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.8572e+01	-1.8879e+00	1.0669e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-1.7602e+01	-1.8224e-01	2.1981e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	-2.3889e+01	-5.3473e-01	1.7793e+00
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	-9.7066e-01	-4.5641e+00	-1.2664e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.1139e+00	-2.7865e+00	-5.1950e-01
	813	0.0000e+00	0.0000e+00	0.0000e+00	1.8021e-01	-6.3194e-01	7.0010e-01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-7.6583e-01	-1.2853e+00	-4.6803e-02
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	-4.7180e+00	-5.1247e+00	-4.8740e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	-3.6216e+00	-3.7221e+00	-2.5428e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.6105e+00	-2.9494e+00	-6.6454e-01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-2.0506e+00	-5.2905e+00	-2.9957e+00
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	-9.5064e+00	-2.5667e+00	-7.1903e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-7.7017e+00	-2.1652e+00	-3.8859e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	-4.8984e+00	-2.6898e+00	-2.8169e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	-5.6782e+00	-4.4190e+00	-6.1213e+00
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	-1.4927e+01	1.0080e+00	-7.8445e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.2604e+01	3.9923e-01	-4.0246e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-9.2674e+00	-6.0156e-01	-4.0051e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.0597e+01	-1.2492e+00	-7.8250e+00
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	-2.1160e+01	4.5341e+00	-7.0225e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	-1.7864e+01	2.6627e+00	-2.8003e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.4334e+01	2.1321e+00	-3.8773e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-1.6217e+01	2.4073e+00	-8.0995e+00
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	-2.7831e+01	6.4825e+00	-4.3677e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	-2.2718e+01	3.1563e+00	-2.7050e-01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-1.9680e+01	4.2100e+00	-2.5763e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	-2.2647e+01	5.4796e+00	-6.6736e+00
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	-3.1848e+01	2.8604e+00	-1.5289e-01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-2.5828e+01	3.8427e-01	1.9577e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	-2.3965e+01	3.5849e+00	-5.3905e-01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-2.9475e+01	6.0852e+00	-2.6497e+00
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	-3.2893e+01	-6.8743e+00	4.4369e-01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-2.6314e+01	-5.0168e+00	3.7311e-01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-2.5400e+01	-1.3442e+00	9.1168e-01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-3.3949e+01	-5.6011e-01	9.8226e-01
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.4742e+00	-1.2374e+01	-3.5917e+00
	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.1576e-01	-5.9552e+00	-3.2481e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	6.0103e-01	-1.8627e+00	-2.0928e-01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-1.5014e+00	-1.5011e+00	-5.5287e-01
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	-6.8050e+00	-9.9142e+00	-1.0031e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-3.9599e+00	-6.5713e+00	-6.6490e+00
	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.7346e+00	-6.0767e+00	-3.7036e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	-2.2424e+00	-8.6044e+00	-7.0859e+00

1808 791 0.0000e+00 0.0000e+00 0.0000e+00 -1.1204e+01 -5.4488e+00 -1.2358e+01  
802 0.0000e+00 0.0000e+00 0.0000e+00 -9.4180e+00 -3.2402e+00 -8.8591e+00  
803 0.0000e+00 0.0000e+00 0.0000e+00 -6.1426e+00 -5.0418e+00 -7.4783e+00  
793 0.0000e+00 0.0000e+00 0.0000e+00 -7.4567e+00 -5.5852e+00 -1.0978e+01

1809 789 0.0000e+00 0.0000e+00 0.0000e+00 -1.6110e+01 -7.9482e-01 -1.3736e+01  
801 0.0000e+00 0.0000e+00 0.0000e+00 -1.5157e+01 7.3887e-01 -9.8349e+00  
802 0.0000e+00 0.0000e+00 0.0000e+00 -1.1361e+01 -1.5276e+00 -9.1796e+00  
791 0.0000e+00 0.0000e+00 0.0000e+00 -1.2077e+01 -1.3002e+00 -1.3080e+01

1810 787 0.0000e+00 0.0000e+00 0.0000e+00 -2.2663e+01 3.9523e+00 -1.4370e+01  
800 0.0000e+00 0.0000e+00 0.0000e+00 -2.1825e+01 4.4538e+00 -9.4650e+00  
801 0.0000e+00 0.0000e+00 0.0000e+00 -1.7350e+01 2.6760e+00 -9.5805e+00  
789 0.0000e+00 0.0000e+00 0.0000e+00 -1.7295e+01 3.4077e+00 -1.4486e+01

1811 785 0.0000e+00 0.0000e+00 0.0000e+00 -3.2472e+01 8.6316e+00 -1.3162e+01  
799 0.0000e+00 0.0000e+00 0.0000e+00 -2.9465e+01 6.4376e+00 -6.7392e+00  
800 0.0000e+00 0.0000e+00 0.0000e+00 -2.4771e+01 6.7216e+00 -8.6483e+00  
787 0.0000e+00 0.0000e+00 0.0000e+00 -2.4276e+01 8.3328e+00 -1.5071e+01

1812 783 0.0000e+00 0.0000e+00 0.0000e+00 -4.4523e+01 1.1061e+01 -6.6175e+00  
798 0.0000e+00 0.0000e+00 0.0000e+00 -3.6688e+01 2.5517e+00 1.0166e-01  
799 0.0000e+00 0.0000e+00 0.0000e+00 -3.3337e+01 8.8036e+00 -5.7745e+00  
785 0.0000e+00 0.0000e+00 0.0000e+00 -3.4390e+01 1.2006e+01 -1.2494e+01

1813 343 0.0000e+00 0.0000e+00 0.0000e+00 -4.8354e+01 -1.1058e+01 5.9510e-01  
354 0.0000e+00 0.0000e+00 0.0000e+00 -3.6849e+01 -8.4569e+00 4.3464e-01  
798 0.0000e+00 0.0000e+00 0.0000e+00 -3.6584e+01 -4.7877e-01 -1.2616e+00  
783 0.0000e+00 0.0000e+00 0.0000e+00 -4.8942e+01 5.5033e+00 -1.1012e+00

1814 796 0.0000e+00 0.0000e+00 0.0000e+00 -1.0770e+01 -1.8580e+00 -1.0149e+01  
795 0.0000e+00 0.0000e+00 0.0000e+00 -2.2362e+00 -1.6027e+01 -4.3484e+00  
797 0.0000e+00 0.0000e+00 0.0000e+00 5.9800e+00 -3.7811e+00 3.9110e+00  
6 0.0000e+00 0.0000e+00 0.0000e+00 -7.3441e+00 -3.4412e+01 -1.8901e+00

1815 794 0.0000e+00 0.0000e+00 0.0000e+00 -1.0577e+01 -1.1113e+00 -1.2134e+01  
793 0.0000e+00 0.0000e+00 0.0000e+00 -8.9265e+00 -9.9639e+00 -9.4923e+00  
795 0.0000e+00 0.0000e+00 0.0000e+00 -2.4556e+00 -1.1388e+01 -7.3135e+00  
796 0.0000e+00 0.0000e+00 0.0000e+00 -1.1747e+01 -2.4583e+01 -9.9548e+00

1816 792 0.0000e+00 0.0000e+00 0.0000e+00 -1.1235e+01 2.2638e+00 -1.4570e+01  
791 0.0000e+00 0.0000e+00 0.0000e+00 -1.2618e+01 -4.9733e+00 -1.2223e+01  
793 0.0000e+00 0.0000e+00 0.0000e+00 -7.3724e+00 -7.5998e+00 -1.0617e+01  
794 0.0000e+00 0.0000e+00 0.0000e+00 -1.1770e+01 -1.8037e+01 -1.2965e+01

1817 790 0.0000e+00 0.0000e+00 0.0000e+00 -1.2961e+01 6.4284e+00 -1.7171e+01  
789 0.0000e+00 0.0000e+00 0.0000e+00 -1.6726e+01 -1.7662e-01 -1.4224e+01  
791 0.0000e+00 0.0000e+00 0.0000e+00 -1.1098e+01 -2.8420e+00 -1.2571e+01  
792 0.0000e+00 0.0000e+00 0.0000e+00 -1.2674e+01 -1.2742e+01 -1.5518e+01

1818 788 0.0000e+00 0.0000e+00 0.0000e+00 -1.6252e+01 1.1320e+01 -2.0131e+01  
787 0.0000e+00 0.0000e+00 0.0000e+00 -2.2686e+01 4.7689e+00 -1.5896e+01  
789 0.0000e+00 0.0000e+00 0.0000e+00 -1.5603e+01 2.2078e+00 -1.4058e+01  
790 0.0000e+00 0.0000e+00 0.0000e+00 -1.4836e+01 -8.0066e+00 -1.8293e+01

1819 786 0.0000e+00 0.0000e+00 0.0000e+00 -2.2516e+01 1.6969e+01 -2.3641e+01  
785 0.0000e+00 0.0000e+00 0.0000e+00 -3.2594e+01 9.6784e+00 -1.6761e+01  
787 0.0000e+00 0.0000e+00 0.0000e+00 -2.2392e+01 7.8496e+00 -1.4860e+01  
788 0.0000e+00 0.0000e+00 0.0000e+00 -1.8911e+01 -3.2303e+00 -2.1740e+01

1820 784 0.0000e+00 0.0000e+00 0.0000e+00 -3.5767e+01 2.2635e+01 -2.7176e+01  
783 0.0000e+00 0.0000e+00 0.0000e+00 -5.3224e+01 1.0864e+01 -1.3560e+01  
785 0.0000e+00 0.0000e+00 0.0000e+00 -3.4893e+01 1.5278e+01 -1.3097e+01  
786 0.0000e+00 0.0000e+00 0.0000e+00 -2.6771e+01 2.5835e+00 -2.6713e+01

1821 5 0.0000e+00 0.0000e+00 0.0000e+00 -1.1923e+02 2.0480e+01 -1.9765e+01  
343 0.0000e+00 0.0000e+00 0.0000e+00 -4.8829e+01 -1.6482e+01 1.0307e+01  
783 0.0000e+00 0.0000e+00 0.0000e+00 -6.3667e+01 1.5772e+01 -8.9699e+00  
784 0.0000e+00 0.0000e+00 0.0000e+00 -4.4037e+01 1.7232e+01 -3.9042e+01

1822 772 0.0000e+00 0.0000e+00 0.0000e+00 -1.3359e+02 -9.9769e+00 -5.3349e+01  
782 0.0000e+00 0.0000e+00 0.0000e+00 -6.9268e+01 5.1948e+01 -1.0052e+02  
22 0.0000e+00 0.0000e+00 0.0000e+00 -2.9453e+02 -5.4785e+01 -7.2766e+01  
773 0.0000e+00 0.0000e+00 0.0000e+00 5.1194e+00 -5.3357e+01 -2.5599e+01

1823 771 0.0000e+00 0.0000e+00 0.0000e+00 -7.0805e+01 2.9113e+01 -3.1846e+01  
781 0.0000e+00 0.0000e+00 0.0000e+00 -5.6988e+01 1.5646e+01 -5.2858e+01  
782 0.0000e+00 0.0000e+00 0.0000e+00 -5.1889e+01 -5.7709e-01 -6.3208e+01

	772	0.0000e+00	0.0000e+00	0.0000e+00	-1.1446e+02	8.5186e+00	-4.2196e+01
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	-4.9390e+01	2.5634e+01	-2.7182e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	-4.5085e+01	1.7612e+01	-3.7292e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	-5.2968e+01	8.9268e+00	-4.7692e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	-6.0058e+01	2.3577e+01	-3.7582e+01
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	-3.9914e+01	2.5888e+01	-1.6468e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	-3.9703e+01	1.5988e+01	-2.1021e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	-4.2462e+01	1.3652e+01	-3.1034e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	-4.5510e+01	2.5579e+01	-2.6480e+01
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	-3.8521e+01	2.5810e+01	-4.6282e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-3.7494e+01	1.3868e+01	-5.3923e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-3.8846e+01	1.5079e+01	-1.5664e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	-3.8571e+01	2.5530e+01	-1.4900e+01
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	-4.5124e+01	2.6301e+01	8.9601e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	-3.8704e+01	1.0189e+01	1.2485e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	-3.8154e+01	1.5197e+01	4.6829e-01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-3.9205e+01	2.5283e+01	-3.0569e+00
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	-6.5739e+01	2.7459e+01	2.4938e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-4.5208e+01	3.7854e+00	3.6133e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-4.1641e+01	1.5311e+01	2.0191e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	-4.8766e+01	2.6391e+01	8.9965e+00
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	-1.1154e+02	2.7420e+01	4.2526e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-7.3102e+01	-1.0436e+01	7.2557e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-5.3515e+01	1.9760e+01	5.0232e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-7.6027e+01	3.0571e+01	2.0201e+01
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	-2.9267e+02	-6.3883e+00	4.5895e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-8.6987e+01	-4.0856e+01	1.2411e+02
	775	0.0000e+00	0.0000e+00	0.0000e+00	-9.1122e+01	2.6737e+01	9.2648e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-1.4502e+02	6.0859e+01	1.4432e+01
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	-2.8428e+01	-2.2520e+02	-5.8410e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-1.0127e+03	-2.7921e+02	2.0582e+02
	774	0.0000e+00	0.0000e+00	0.0000e+00	-1.7101e+02	2.0376e+02	2.9229e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	-3.8528e+02	-3.8747e+01	2.8059e+01
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	-7.7041e+01	-2.5386e+01	-2.3445e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	-9.4432e+01	8.8826e+00	-3.3180e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	-2.0765e+02	-6.3414e+01	-2.8875e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	1.8316e+01	-3.8531e+01	-1.9140e+01
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	-5.9270e+01	2.5967e+01	-1.1945e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	-6.9405e+01	2.1995e+01	-2.6686e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	-7.6067e+01	1.4559e+01	-2.1489e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	-7.9654e+01	-7.4049e-01	-6.7489e+00
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	-4.4485e+01	3.2024e+01	-1.4019e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	-5.0465e+01	2.9154e+01	-2.5450e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	-6.4790e+01	2.5193e+01	-2.5999e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	-5.1134e+01	2.3519e+01	-1.4568e+01
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	-3.5643e+01	3.4035e+01	-1.1442e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	-4.1684e+01	2.9381e+01	-1.6933e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	-4.7143e+01	2.8370e+01	-2.0361e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	-4.0258e+01	3.1188e+01	-1.4870e+01
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	-3.4813e+01	3.3845e+01	-7.8840e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-4.0644e+01	2.8951e+01	-7.6568e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-4.0707e+01	2.9226e+01	-1.1906e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	-3.4334e+01	3.3594e+01	-1.2133e+01
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	-4.2211e+01	3.2643e+01	-4.9157e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-4.8271e+01	2.8837e+01	1.7092e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-4.1926e+01	2.9833e+01	-2.1718e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	-3.6399e+01	3.4488e+01	-8.7968e+00
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	-5.9200e+01	2.8146e+01	-5.8290e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	-6.7879e+01	2.9894e+01	9.1470e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-5.2230e+01	3.0710e+01	7.9622e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	-4.7370e+01	3.5041e+01	-7.0138e+00
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	-8.0255e+01	1.2011e+01	-1.7795e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-1.1171e+02	3.1854e+01	7.9937e+00

	766	0.0000e+00	0.0000e+00	0.0000e+00	-7.5451e+01	3.1014e+01	1.6525e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	-6.9200e+01	3.2258e+01	-9.2640e+00
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	-9.9197e+01	-3.7980e+01	-4.9366e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-1.5469e+02	2.5743e+01	-2.7779e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-1.2026e+02	2.0526e+01	3.1517e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	-9.4014e+01	1.6821e+01	-1.8435e+01
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	-7.4157e+01	-1.0779e+02	-6.8044e+00
	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.8266e+02	-1.3712e+02	-1.2019e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-1.9286e+02	-1.0452e+02	-4.0808e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	-7.3525e+01	-7.1086e+01	-3.5593e+01
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	-3.5789e+01	-2.2194e+01	-1.3033e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	-5.6919e+01	2.6673e+00	-1.6968e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	-1.4619e+02	-4.7281e+01	-1.5820e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	4.6264e+01	-2.4923e+01	-1.1884e+01
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	-2.7260e+01	1.8519e+01	-1.5576e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	-4.9906e+01	1.8558e+01	-5.8637e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	-4.4836e+01	4.7357e+00	-2.9041e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	-4.0231e+01	-1.6772e+00	1.4020e+00
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	-2.2345e+01	2.9059e+01	-5.9810e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	-3.7738e+01	3.1222e+01	-1.1764e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	-4.6494e+01	2.5672e+01	-8.0626e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	-2.4201e+01	1.9766e+01	-2.2793e+00
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	-1.8012e+01	3.3421e+01	-8.6486e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	-3.1337e+01	3.4572e+01	-1.1976e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	-3.5275e+01	3.3169e+01	-9.8323e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	-2.0179e+01	2.9647e+01	-6.5052e+00
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	-1.7666e+01	3.3323e+01	-1.1492e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	-3.1032e+01	3.5273e+01	-1.1072e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	-3.0620e+01	3.5123e+01	-9.3908e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	-1.7309e+01	3.3407e+01	-9.8100e+00
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	-2.1503e+01	2.9969e+01	-1.5496e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	-3.7415e+01	3.4564e+01	-1.1085e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	-3.1986e+01	3.5003e+01	-8.3773e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	-1.8838e+01	3.3694e+01	-1.2789e+01
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	-2.7915e+01	2.1122e+01	-2.2203e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	-5.0016e+01	3.0939e+01	-1.4821e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	-4.0001e+01	3.2794e+01	-9.2867e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	-2.4384e+01	3.0546e+01	-1.6669e+01
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	-3.1268e+01	1.7763e+00	-3.0932e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	-6.5603e+01	1.6450e+01	-2.4615e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	-5.4169e+01	2.4765e+01	-1.5698e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	-3.1112e+01	1.9999e+01	-2.2014e+01
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	-2.6416e+01	-2.9485e+01	-2.9497e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	-6.3801e+01	-3.1530e+01	-3.5521e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	-7.0922e+01	3.1876e+00	-3.2410e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	-3.0349e+01	-5.6395e+00	-2.6386e+01
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	-1.5794e+01	-5.6248e+01	-2.7975e+00
	654	0.0000e+00	0.0000e+00	0.0000e+00	-5.9762e+01	-8.5905e+01	-1.0557e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	-7.1718e+01	-5.6598e+01	-3.0085e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	-1.8077e+01	-4.3686e+01	-2.2325e+01
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	1.0423e+00	-1.7176e+01	-8.5701e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.8427e+01	4.1171e+00	-1.0518e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	-9.5050e+01	-3.3285e+01	-9.0760e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	7.4091e+01	-1.5137e+01	-7.1277e+00
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	6.2234e+00	1.4191e+01	2.1826e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	-1.8354e+01	1.4762e+01	1.5722e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	-9.9299e+00	2.8155e+00	3.3073e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	-3.3209e+00	-3.9581e-01	3.9177e+00
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	6.8681e+00	2.3323e+01	-2.7055e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	-1.3001e+01	2.8008e+01	-4.3665e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	-1.6364e+01	2.1124e+01	9.3993e-02
	741	0.0000e+00	0.0000e+00	0.0000e+00	7.1836e+00	1.6085e+01	1.7550e+00
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	8.0361e+00	2.7962e+01	-7.6966e+00

	749	0.0000e+00	0.0000e+00	0.0000e+00	-9.9436e+00	3.2688e+01	-8.8523e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	-1.1438e+01	3.0466e+01	-4.0551e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	7.4104e+00	2.4734e+01	-2.8994e+00
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	8.0695e+00	2.7923e+01	-1.3503e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	-9.7995e+00	3.3420e+01	-1.3261e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	-9.5036e+00	3.3410e+01	-8.3612e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	8.2188e+00	2.8226e+01	-8.6038e+00
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	7.1224e+00	2.4098e+01	-1.9658e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	-1.2555e+01	3.0761e+01	-1.8173e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	-1.0335e+01	3.2598e+01	-1.2881e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	7.6285e+00	2.7726e+01	-1.4367e+01
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	6.6494e+00	1.5623e+01	-2.5360e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	-1.6306e+01	2.2729e+01	-2.4142e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	-1.3917e+01	2.7991e+01	-1.8617e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	6.4953e+00	2.3053e+01	-1.9835e+01
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	8.8834e+00	1.4886e+00	-2.7395e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	-1.6856e+01	4.6643e+00	-2.9177e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	-1.8280e+01	1.6887e+01	-2.5712e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	7.0380e+00	1.2510e+01	-2.3931e+01
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	1.4575e+01	-1.6028e+01	-2.0115e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	-1.1398e+01	-2.4422e+01	-2.6032e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	-1.9166e+01	-4.0978e+00	-2.9658e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	1.1485e+01	-4.5864e+00	-2.3741e+01
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	1.8893e+01	-2.8198e+01	-2.4772e+00
	643	0.0000e+00	0.0000e+00	0.0000e+00	-7.5284e+00	-4.5211e+01	-6.2080e+00
	744	0.0000e+00	0.0000e+00	0.0000e+00	-1.3549e+01	-3.3315e+01	-1.9044e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	1.8068e+01	-2.2345e+01	-1.5313e+01
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	3.4713e+01	-1.3123e+01	-6.4338e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	1.7048e+01	6.4298e+00	-7.4394e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	-5.0704e+01	-2.3361e+01	-5.2474e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	1.0062e+02	-8.5868e+00	-4.2417e+00
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	3.8511e+01	1.1062e+01	2.9920e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	1.4655e+01	1.1996e+01	3.5393e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	2.3556e+01	3.3051e+00	5.1245e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	3.0614e+01	7.8279e-01	4.5772e+00
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	3.7543e+01	1.7313e+01	-2.0436e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	1.6636e+01	2.2845e+01	-1.9213e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	1.5726e+01	1.6803e+01	2.6118e+00
	731	0.0000e+00	0.0000e+00	0.0000e+00	3.8678e+01	1.2453e+01	2.4895e+00
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	3.7224e+01	2.0957e+01	-7.7325e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	1.7567e+01	2.7005e+01	-7.6818e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	1.7548e+01	2.4808e+01	-2.0983e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	3.7336e+01	1.8684e+01	-2.1491e+00
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	3.7029e+01	2.1008e+01	-1.4172e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	1.7666e+01	2.7392e+01	-1.4048e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	1.7765e+01	2.7625e+01	-8.2039e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	3.7157e+01	2.1268e+01	-8.3275e+00
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	3.7281e+01	1.8181e+01	-2.0098e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	1.7226e+01	2.4174e+01	-2.0158e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	1.7336e+01	2.6645e+01	-1.4663e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	3.7060e+01	2.0660e+01	-1.4603e+01
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	3.8488e+01	1.2646e+01	-2.3965e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	1.7470e+01	1.6527e+01	-2.4938e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	1.6471e+01	2.2039e+01	-2.0842e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	3.7702e+01	1.6989e+01	-1.9869e+01
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	4.1031e+01	4.8345e+00	-2.3269e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	1.9763e+01	3.6984e+00	-2.5817e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	1.6416e+01	1.3012e+01	-2.5078e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	3.9704e+01	1.0264e+01	-2.2530e+01
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	4.4462e+01	-3.6589e+00	-1.5752e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	2.3447e+01	-1.1655e+01	-1.9181e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	1.8597e+01	-5.6563e-01	-2.3755e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	4.3018e+01	1.4092e+00	-2.0325e+01



1871	621	0.0000e+00	0.0000e+00	0.0000e+00	4.6146e+01	-9.7347e+00	-2.6324e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	2.5496e+01	-2.1020e+01	-4.2619e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	2.2582e+01	-1.5161e+01	-1.3381e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	4.6069e+01	-6.5676e+00	-1.1751e+01
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	6.5777e+01	-1.0283e+01	-5.2250e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	4.9547e+01	8.0527e+00	-5.8069e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	-1.1382e+01	-1.6590e+01	-3.1382e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	1.2564e+02	-4.0724e+00	-2.5562e+00
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	6.8800e+01	7.9559e+00	2.6889e+00
	731	0.0000e+00	0.0000e+00	0.0000e+00	4.6529e+01	9.3846e+00	3.4861e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	5.4956e+01	3.8009e+00	5.3787e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	6.1836e+01	1.1038e+00	4.5814e+00
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	6.6961e+01	1.1457e+01	-2.6950e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	4.7078e+01	1.7069e+01	-1.8137e+00
	731	0.0000e+00	0.0000e+00	0.0000e+00	4.7065e+01	1.2792e+01	2.7610e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	6.8591e+01	8.4314e+00	1.8796e+00
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	6.5771e+01	1.4082e+01	-8.3553e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	4.6875e+01	2.0052e+01	-7.6504e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	4.7497e+01	1.8449e+01	-2.1480e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	6.6443e+01	1.2424e+01	-2.8530e+00
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	6.5451e+01	1.4406e+01	-1.4203e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	4.6800e+01	2.0368e+01	-1.4083e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	4.6841e+01	2.0577e+01	-8.5200e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	6.5631e+01	1.4412e+01	-8.6401e+00
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	6.6334e+01	1.3026e+01	-1.9143e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	4.7187e+01	1.8117e+01	-1.9809e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	4.6564e+01	1.9924e+01	-1.4915e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	6.5736e+01	1.4347e+01	-1.4250e+01
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	6.8103e+01	1.0779e+01	-2.2006e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	4.8316e+01	1.3469e+01	-2.3375e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	4.6756e+01	1.6910e+01	-2.0168e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	6.7150e+01	1.2609e+01	-1.8799e+01
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	7.0007e+01	8.7017e+00	-2.0962e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	5.0063e+01	6.9789e+00	-2.2614e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	4.7599e+01	1.1877e+01	-2.2576e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	6.9440e+01	1.0073e+01	-2.0925e+01
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	7.1478e+01	7.0716e+00	-1.4363e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	5.1543e+01	2.6134e-01	-1.5667e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	4.9091e+01	5.4595e+00	-1.9874e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	7.1539e+01	7.8217e+00	-1.8571e+01
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	7.1944e+01	4.6492e+00	-3.0832e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	5.2138e+01	-4.1455e+00	-3.5690e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	5.0772e+01	-9.5766e-01	-1.0924e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	7.2419e+01	6.2812e+00	-1.0438e+01
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	9.4278e+01	-8.5242e+00	-4.4313e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	7.9315e+01	8.8022e+00	-4.8070e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	2.3988e+01	-1.1571e+01	-2.1374e+00
	713	0.0000e+00	0.0000e+00	0.0000e+00	1.4892e+02	-6.4616e-02	-1.7618e+00
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	9.5764e+01	4.0150e+00	1.3970e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	7.6314e+01	6.0923e+00	2.5593e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	8.4188e+01	3.5926e+00	5.1792e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	9.0023e+01	-4.1510e-02	4.0170e+00
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	9.2171e+01	5.8739e+00	-4.7711e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	7.5799e+01	1.0947e+01	-2.8823e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	7.6316e+01	8.5674e+00	1.7836e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	9.5120e+01	3.4688e+00	-1.0517e-01
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	8.9849e+01	8.4315e+00	-9.6237e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	7.4557e+01	1.3199e+01	-8.1898e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	7.5594e+01	1.2140e+01	-3.4531e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	9.1442e+01	6.5806e+00	-4.8870e+00
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	8.9733e+01	9.3458e+00	-1.3620e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	7.4265e+01	1.3981e+01	-1.3615e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	7.4258e+01	1.3792e+01	-9.2842e+00

	709	0.0000e+00	0.0000e+00	0.0000e+00	8.9749e+01	8.9868e+00	-9.2896e+00
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	9.2139e+01	8.9453e+00	-1.6762e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	7.5321e+01	1.3276e+01	-1.8331e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	7.4252e+01	1.3710e+01	-1.4542e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	9.0331e+01	9.7818e+00	-1.2974e+01
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	9.6089e+01	8.6798e+00	-1.9005e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	7.7223e+01	1.1915e+01	-2.1407e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	7.5478e+01	1.2494e+01	-1.8550e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	9.3426e+01	9.5015e+00	-1.6148e+01
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	9.9396e+01	1.0979e+01	-1.9202e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	7.8734e+01	1.1029e+01	-2.0947e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	7.7054e+01	1.1375e+01	-2.0250e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	9.7873e+01	9.9064e+00	-1.8505e+01
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	1.0035e+02	1.6422e+01	-1.4659e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	7.8757e+01	1.0924e+01	-1.4700e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	7.7774e+01	1.1354e+01	-1.7962e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	1.0125e+02	1.2968e+01	-1.7921e+01
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	1.0061e+02	1.8354e+01	-3.5812e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	7.8145e+01	9.9222e+00	-3.3823e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	7.7552e+01	1.1404e+01	-1.0391e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	1.0157e+02	1.8252e+01	-1.0590e+01
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	1.1919e+02	-8.6806e+00	-4.8990e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	1.0625e+02	8.4166e+00	-4.5557e+00
	713	0.0000e+00	0.0000e+00	0.0000e+00	5.5728e+01	-6.5900e+00	-1.9974e+00
	703	0.0000e+00	0.0000e+00	0.0000e+00	1.7034e+02	4.9300e+00	-2.3407e+00
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	1.1528e+02	-1.3537e+00	-3.2204e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	1.0248e+02	8.5762e-01	2.4518e-01
	712	0.0000e+00	0.0000e+00	0.0000e+00	1.1081e+02	2.0705e+00	4.4756e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	1.1330e+02	-4.9406e+00	1.0100e+00
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	1.0739e+02	1.6762e+00	-9.8351e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	9.9323e+01	4.5751e+00	-5.3247e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	1.0118e+02	3.5515e+00	-1.0734e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	1.1381e+02	-2.8175e+00	-5.5839e+00
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	1.0347e+02	5.9448e+00	-1.1655e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	9.6202e+01	7.6434e+00	-9.0767e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	9.8030e+01	6.4313e+00	-6.5373e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	1.0637e+02	2.5940e+00	-9.1156e+00
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	1.0427e+02	7.8531e+00	-1.1502e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	9.5960e+01	9.4888e+00	-1.2064e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	9.5654e+01	8.5425e+00	-1.0542e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	1.0354e+02	6.8584e+00	-9.9788e+00
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	1.0999e+02	7.4873e+00	-1.0842e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	9.8975e+01	9.9288e+00	-1.4614e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	9.6548e+01	9.0653e+00	-1.3237e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	1.0549e+02	8.5045e+00	-9.4643e+00
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	1.1984e+02	6.3815e+00	-1.1111e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	1.0420e+02	1.0538e+01	-1.7197e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	1.0055e+02	8.5748e+00	-1.5177e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	1.1232e+02	8.3277e+00	-9.0909e+00
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	1.3113e+02	8.7867e+00	-1.3191e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	1.0871e+02	1.3866e+01	-1.9083e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	1.0596e+02	9.4144e+00	-1.6443e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	1.2306e+02	8.7380e+00	-1.0551e+01
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	1.3574e+02	2.2308e+01	-1.4607e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	1.0970e+02	2.0585e+01	-1.5646e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	1.0880e+02	1.4934e+01	-1.5911e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	1.3473e+02	1.3788e+01	-1.4872e+01
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	1.3806e+02	3.4888e+01	-3.7193e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	1.0748e+02	2.4497e+01	-3.1339e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	1.0728e+02	2.3690e+01	-1.0906e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	1.3933e+02	3.0243e+01	-1.1492e+01
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	1.3312e+02	-1.8531e+01	-1.3569e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	1.3043e+02	4.1068e+00	-8.2387e+00

	703	0.0000e+00	0.0000e+00	0.0000e+00	8.2073e+01	-7.2385e-02	-2.5652e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	1.9126e+02	1.0197e+01	-7.8959e+00
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	1.1430e+02	-1.0413e+01	-1.7830e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	1.2063e+02	-7.9139e+00	-6.5555e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	1.3190e+02	-2.8160e+00	-4.6709e-01
	691	0.0000e+00	0.0000e+00	0.0000e+00	1.2372e+02	-1.3589e+01	-1.1742e+01
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	1.0153e+02	-1.1264e+00	-1.8957e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	1.1048e+02	-2.4570e-01	-1.0644e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	1.1499e+02	-2.5892e+00	-1.0001e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	1.1228e+02	-3.1109e+00	-1.8314e+01
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	9.7552e+01	7.4880e+00	-1.3436e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	1.0474e+02	5.8475e+00	-1.0380e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	1.0724e+02	2.7900e+00	-1.2947e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	1.0066e+02	6.7457e+00	-1.6003e+01
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	1.0058e+02	1.1656e+01	-6.3546e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	1.0538e+02	9.0183e+00	-8.4220e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	1.0389e+02	6.9033e+00	-1.2105e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	9.8279e+01	1.2294e+01	-1.0037e+01
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	1.1063e+02	1.1859e+01	1.0744e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	1.1217e+02	9.5212e+00	-6.0767e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	1.0675e+02	8.1449e+00	-9.7203e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	1.0293e+02	1.3750e+01	-2.5692e+00
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	1.2879e+02	8.6627e+00	7.2432e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	1.2470e+02	9.3299e+00	-5.2641e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	1.1582e+02	6.8394e+00	-7.3268e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.1472e+02	1.2003e+01	5.1806e+00
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	1.5775e+02	3.1333e+00	8.2424e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	1.3965e+02	1.2796e+01	-9.1731e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	1.3074e+02	5.2630e+00	-6.3076e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.3471e+02	8.6793e+00	1.1108e+01
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	1.8610e+02	2.5059e+00	-3.7106e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	1.5210e+02	2.7497e+01	-1.8626e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	1.4595e+02	9.1235e+00	-8.0931e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	1.6489e+02	1.1153e+01	6.8224e+00
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	2.0580e+02	4.7868e+01	-1.6044e-01
	588	0.0000e+00	0.0000e+00	0.0000e+00	1.4705e+02	4.4347e+01	-3.6991e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	1.4468e+02	3.6056e+01	-1.1648e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	2.0167e+02	4.9864e+01	-8.1093e+00
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	8.9201e+01	-4.0861e+00	-6.5221e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	1.4725e+02	-1.6983e+01	-2.0989e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	9.3491e+01	4.8732e+00	2.2264e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	2.2412e+02	-5.8632e+01	-4.2006e+01
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	6.7791e+01	2.8626e+01	-3.8456e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	1.0496e+02	-1.6730e+01	-1.5450e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	1.4135e+02	-1.3165e+01	-2.1006e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	7.3619e+01	-4.6409e+01	-4.4012e+01
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	6.1896e+01	3.5343e+01	-2.3637e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	8.8998e+01	8.2725e-01	-1.4884e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	1.0479e+02	-5.6468e+00	-2.3089e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	6.2161e+01	-2.2276e+01	-3.1842e+01
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	6.3125e+01	3.6867e+01	-1.0352e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	8.6128e+01	1.0367e+01	-8.7311e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	9.2429e+01	5.3959e+00	-1.7284e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	5.9797e+01	-2.4580e+00	-1.8905e+01
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	6.9719e+01	3.4864e+01	3.2296e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	9.0931e+01	1.4669e+01	-5.8558e-01
	685	0.0000e+00	0.0000e+00	0.0000e+00	9.0033e+01	1.2072e+01	-9.6928e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	6.3617e+01	1.1731e+01	-5.8776e+00
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	8.1937e+01	3.0451e+01	1.8190e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.0291e+02	1.4922e+01	8.8517e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	9.5196e+01	1.4268e+01	-1.1300e+00
	684	0.0000e+00	0.0000e+00	0.0000e+00	7.2512e+01	2.0500e+01	8.2078e+00
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	1.0196e+02	2.4580e+01	3.5493e+01

	679	0.0000e+00	0.0000e+00	0.0000e+00	1.2427e+02	1.2189e+01	1.8867e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.0834e+02	1.2261e+01	7.7924e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	8.7379e+01	2.4014e+01	2.4418e+01
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	1.3589e+02	1.9100e+01	5.6328e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	1.6155e+02	8.8464e+00	2.7419e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.3304e+02	5.6933e+00	1.5498e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	1.1136e+02	2.1426e+01	4.4408e+01
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	1.9906e+02	2.1224e+01	7.9318e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	2.3481e+02	2.0309e+01	2.4306e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	1.8067e+02	-8.2637e+00	1.6267e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	1.5226e+02	8.3454e+00	7.1280e+01
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	5.3910e+02	7.8225e+01	8.5256e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	1.6024e+02	7.9909e+01	-1.8523e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	2.7296e+02	2.5216e+01	2.2425e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	2.3595e+02	-6.2366e+01	1.2620e+02
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	-3.5886e+02	3.2881e+00	-2.7864e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-1.4382e+02	1.8379e+02	-2.9337e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	-9.9484e+02	-2.0425e+02	-1.8929e+02
	665	0.0000e+00	0.0000e+00	0.0000e+00	-4.3722e+01	-2.3001e+02	7.6212e+01
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	-1.1858e+02	5.5545e+01	-2.0389e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-7.0781e+01	2.6943e+01	-8.9234e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-7.3214e+01	-2.4760e+01	-1.2468e+02
	664	0.0000e+00	0.0000e+00	0.0000e+00	-2.5510e+02	1.6891e+01	-5.5837e+01
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	-5.9168e+01	2.8074e+01	-2.4405e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	-3.9988e+01	1.7433e+01	-4.7521e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-5.3522e+01	-1.8742e+00	-6.8642e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-9.2289e+01	2.9343e+01	-4.5526e+01
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	-3.7130e+01	2.2564e+01	-1.4077e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	-3.0471e+01	1.3419e+01	-2.2654e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	-3.2994e+01	6.8600e+00	-3.6368e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-5.1917e+01	2.4895e+01	-2.7792e+01
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	-2.9946e+01	2.0259e+01	-3.8432e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-2.6983e+01	1.1981e+01	-6.6743e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-2.7891e+01	1.0153e+01	-1.6656e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	-3.4753e+01	2.1658e+01	-1.3825e+01
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	-3.1231e+01	1.9663e+01	6.4701e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-2.6749e+01	9.9841e+00	7.3564e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-2.6534e+01	1.1386e+01	-1.8785e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	-2.9657e+01	2.0009e+01	-2.7647e+00
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	-4.2472e+01	2.0173e+01	1.8134e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-2.9993e+01	6.3165e+00	2.3795e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	-2.8242e+01	1.1692e+01	1.2641e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-3.2796e+01	1.9940e+01	6.9796e+00
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	-7.1065e+01	2.0897e+01	3.1896e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-4.5185e+01	-1.8567e+00	4.8484e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-3.4978e+01	1.3374e+01	3.2585e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-4.7789e+01	2.2129e+01	1.5997e+01
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	-1.8701e+02	7.3553e+00	4.0149e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-6.1000e+01	-2.2619e+01	8.9646e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-5.7971e+01	1.8068e+01	6.3851e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-9.0135e+01	3.9214e+01	1.4354e+01
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	-2.6827e+01	-1.6497e+02	-3.8121e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	-7.1661e+02	-1.8316e+02	1.4588e+02
	666	0.0000e+00	0.0000e+00	0.0000e+00	-1.1451e+02	1.3071e+02	2.0741e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	-2.5755e+02	-9.4375e+00	2.3413e+01
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	-8.0492e+01	-6.4583e+01	3.1930e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-1.9359e+02	-6.6161e+01	4.0925e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.8230e+02	-1.4572e+02	1.9230e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	-7.3621e+01	-1.0431e+02	1.0235e+01
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	-9.1630e+01	2.7290e+01	1.3278e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-1.0637e+02	2.9203e+01	-1.6011e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-1.5374e+02	3.5593e+01	1.7686e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-1.0338e+02	-2.9276e+01	4.6976e+01

1934	651	0.0000e+00	0.0000e+00	0.0000e+00	-5.9835e+01	3.1465e+01	2.0147e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	-6.2134e+01	3.0907e+01	-2.2904e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-9.8458e+01	3.0775e+01	-1.6012e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-7.3806e+01	1.6558e+01	8.9066e+00
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	-3.8538e+01	2.9384e+01	-9.7021e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	-4.0632e+01	2.6443e+01	-1.3938e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-5.5241e+01	2.6263e+01	-1.5278e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-5.0102e+01	2.5978e+01	-2.3104e+00
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	-2.9539e+01	2.6585e+01	-3.6617e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-3.2228e+01	2.3433e+01	-5.2420e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	-3.7285e+01	2.3622e+01	-8.2933e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	-3.4323e+01	2.6517e+01	-3.4175e+00
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	-3.0054e+01	2.4709e+01	1.1448e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	-3.3291e+01	2.1951e+01	2.5815e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	-3.1579e+01	2.2666e+01	-4.3658e-01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-2.8866e+01	2.5889e+01	-1.8733e+00
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	-3.9500e+01	2.2177e+01	9.7996e-01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-4.4592e+01	2.1851e+01	9.1235e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	-3.5125e+01	2.3032e+01	7.5003e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	-3.2531e+01	2.5923e+01	-6.4325e-01
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	-5.5119e+01	1.3213e+01	-6.1000e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	-7.4447e+01	2.2730e+01	1.0824e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-4.9281e+01	2.4247e+01	1.5092e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	-4.6126e+01	2.5307e+01	-1.8327e+00
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	-7.5417e+01	-2.0902e+01	-3.0579e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-1.1100e+02	2.2482e+01	-1.1162e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-8.0141e+01	2.0062e+01	1.0887e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	-6.7090e+01	1.9750e+01	-8.5299e+00
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	-5.5692e+01	-7.2336e+01	-9.6642e-01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.3412e+02	-1.0212e+02	-5.2105e+00
	656	0.0000e+00	0.0000e+00	0.0000e+00	-1.4013e+02	-5.3904e+01	-2.4035e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	-5.8255e+01	-4.6383e+01	-1.9791e+01
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.9052e+01	-4.3219e+01	2.3224e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-7.4197e+01	-5.2467e+01	3.1818e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	-6.0561e+01	-8.3592e+01	1.3386e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	-1.5341e+01	-5.6311e+01	4.7916e+00
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	-3.2750e+01	-1.7831e+00	2.3116e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-6.8617e+01	1.1028e+01	2.7129e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-6.3440e+01	-2.3265e+01	3.5065e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-2.9828e+01	-2.6182e+01	3.1052e+01
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	-3.0154e+01	1.9224e+01	1.5239e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-4.8345e+01	2.5271e+01	6.8242e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	-6.3443e+01	1.9288e+01	1.7845e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	-3.2040e+01	3.4956e+00	2.6259e+01
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	-2.1828e+01	2.4516e+01	7.5866e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	-3.3478e+01	2.7791e+01	7.2540e-02
	651	0.0000e+00	0.0000e+00	0.0000e+00	-4.4466e+01	2.7434e+01	6.3683e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	-2.6006e+01	1.8231e+01	1.3882e+01
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	-1.6720e+01	2.4351e+01	1.8489e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	-2.6519e+01	2.6830e+01	-1.6787e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	-3.1299e+01	2.7472e+01	1.8754e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.9060e+01	2.2907e+01	5.4031e+00
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	-1.6481e+01	2.2236e+01	-3.2229e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	-2.7218e+01	2.5567e+01	-2.4638e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	-2.6053e+01	2.6377e+01	5.6847e-01
	638	0.0000e+00	0.0000e+00	0.0000e+00	-1.6114e+01	2.3699e+01	-1.9067e-01
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	-2.0166e+01	1.7272e+01	-9.4391e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	-3.4886e+01	2.3510e+01	-5.0900e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	-2.8379e+01	2.5100e+01	-6.4004e-01
	637	0.0000e+00	0.0000e+00	0.0000e+00	-1.7896e+01	2.2519e+01	-4.9891e+00
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	-2.3875e+01	5.2605e+00	-1.7576e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	-4.7273e+01	1.5543e+01	-1.2210e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	-3.7532e+01	2.1326e+01	-4.9503e+00

	636	0.0000e+00	0.0000e+00	0.0000e+00	-2.2785e+01	1.7221e+01	-1.0317e+01
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	-2.2462e+01	-1.6698e+01	-1.9622e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	-4.7049e+01	-1.6216e+01	-2.2472e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	-5.1036e+01	9.2638e+00	-1.8011e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	-2.4227e+01	9.0447e-01	-1.5161e+01
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	-1.3918e+01	-3.7510e+01	-3.7650e-01
	644	0.0000e+00	0.0000e+00	0.0000e+00	-4.7307e+01	-5.6933e+01	-4.8010e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	-5.4835e+01	-3.6551e+01	-1.8608e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	-1.5320e+01	-2.8611e+01	-1.4183e+01
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	1.7039e+01	-2.4422e+01	1.5709e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.5257e+01	-3.3209e+01	2.0232e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	-8.4753e+00	-4.5338e+01	7.4022e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	1.9386e+01	-2.8699e+01	2.8794e+00
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	8.7611e+00	-6.4030e+00	2.1538e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	-2.0868e+01	-2.7709e+00	2.7438e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.1820e+01	-2.1954e+01	2.6772e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	1.1621e+01	-1.7002e+01	2.0872e+01
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	4.1608e+00	8.3094e+00	1.7799e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	-1.8363e+01	1.4952e+01	1.8666e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.8239e+01	5.4266e+00	2.5247e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	5.7860e+00	-9.7314e-01	2.4380e+01
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	3.8705e+00	1.5351e+01	1.0361e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.3172e+01	2.1621e+01	8.7562e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	-1.6561e+01	1.8866e+01	1.6351e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	4.0201e+00	1.0083e+01	1.7956e+01
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	4.6309e+00	1.7157e+01	2.4002e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	-1.0002e+01	2.2936e+01	1.2631e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.2197e+01	2.2834e+01	7.9434e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	4.5311e+00	1.5374e+01	9.0805e+00
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	4.5745e+00	1.5888e+01	-5.2161e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	-1.0129e+01	2.1812e+01	-4.9515e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	-9.8887e+00	2.2938e+01	1.1070e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	4.8685e+00	1.6855e+01	8.4245e-01
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	4.0818e+00	1.1470e+01	-1.2155e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	-1.2488e+01	1.7668e+01	-1.1217e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	-1.0836e+01	2.0785e+01	-5.3630e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	4.3236e+00	1.5381e+01	-6.3010e+00
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	4.9686e+00	2.7131e+00	-1.6492e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	-1.3500e+01	6.7917e+00	-1.7055e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	-1.3900e+01	1.4650e+01	-1.2533e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	4.2306e+00	9.7663e+00	-1.1969e+01
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	8.4437e+00	-9.5976e+00	-1.3544e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	-9.5774e+00	-1.3409e+01	-1.7263e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	-1.5545e+01	7.7550e-01	-1.8056e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	6.9048e+00	-1.4636e+00	-1.4337e+01
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	1.2572e+01	-1.8659e+01	-1.2048e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	-8.8580e+00	-2.9527e+01	-3.2780e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	-1.2171e+01	-2.1331e+01	-1.2036e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	1.1701e+01	-1.4842e+01	-9.9625e+00
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	4.5206e+01	-1.0378e+01	1.1069e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	2.1351e+01	-1.7283e+01	1.3326e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	2.4748e+01	-2.1483e+01	4.2495e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	4.6365e+01	-1.0400e+01	1.9919e+00
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	4.0376e+01	-4.7663e+00	1.7498e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	1.6039e+01	-4.0468e+00	2.1622e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	2.2697e+01	-1.3185e+01	1.9220e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	4.2041e+01	-7.7032e+00	1.5095e+01
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	3.5248e+01	1.8662e+00	1.5762e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	1.3341e+01	7.1529e+00	1.8746e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	1.7261e+01	4.1460e-01	2.2558e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	3.7350e+01	-1.8548e+00	1.9575e+01
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	3.1687e+01	6.5526e+00	9.3558e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	1.2870e+01	1.3227e+01	1.0847e+01

	629	0.0000e+00	0.0000e+00	0.0000e+00	1.4017e+01	1.0201e+01	1.7541e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	3.3549e+01	3.6094e+00	1.6050e+01
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	2.9622e+01	8.7417e+00	1.4569e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	1.2857e+01	1.5413e+01	2.2257e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	1.3018e+01	1.4791e+01	9.3963e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	3.1012e+01	7.2514e+00	8.6275e+00
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	2.8590e+01	8.7384e+00	-6.0969e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	1.2505e+01	1.4886e+01	-5.6372e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	1.2583e+01	1.5823e+01	9.8164e-01
	616	0.0000e+00	0.0000e+00	0.0000e+00	2.9440e+01	8.8536e+00	5.2194e-01
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	2.8578e+01	6.6366e+00	-1.1945e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	1.2406e+01	1.1341e+01	-1.2093e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	1.1880e+01	1.4207e+01	-6.7484e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	2.8804e+01	8.3184e+00	-6.5996e+00
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	2.9883e+01	2.4620e+00	-1.4123e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	1.3837e+01	3.7514e+00	-1.5493e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	1.1464e+01	9.3628e+00	-1.2817e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	2.9490e+01	5.3489e+00	-1.1447e+01
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	3.2300e+01	-2.8977e+00	-1.0485e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	1.6707e+01	-6.7351e+00	-1.2818e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	1.2660e+01	5.3499e-01	-1.4583e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	3.1639e+01	1.9580e-01	-1.2250e+01
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	3.4612e+01	-6.8790e+00	-1.6796e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	1.7157e+01	-1.3524e+01	-2.7455e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	1.5641e+01	-9.8958e+00	-8.5182e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	3.3977e+01	-5.1007e+00	-7.4523e+00
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	7.2059e+01	4.8469e-01	8.7436e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	4.9905e+01	-4.8223e+00	9.5275e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	5.1578e+01	-4.8789e+00	2.5062e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	7.1969e+01	3.7292e+00	1.7223e+00
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	6.9313e+01	-2.6122e+00	1.4111e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	4.6654e+01	-2.0444e+00	1.6372e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	5.0907e+01	-4.3479e+00	1.4493e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	6.9624e+01	-5.5634e-02	1.2232e+01
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	6.4259e+01	-2.7098e+00	1.2013e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	4.3258e+01	1.8578e+00	1.5139e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	4.7311e+01	-5.5573e-01	1.8354e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	6.6517e+01	-2.3598e+00	1.5228e+01
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	5.8921e+01	-8.5552e-01	6.0225e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	4.0284e+01	5.1866e+00	9.0057e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	4.3165e+01	3.6639e+00	1.4898e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	6.2061e+01	-1.9709e+00	1.1915e+01
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	5.4941e+01	1.1581e+00	-8.6532e-01
	616	0.0000e+00	0.0000e+00	0.0000e+00	3.8057e+01	7.2559e+00	1.2722e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	3.9731e+01	6.6612e+00	7.7598e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	5.7582e+01	-9.8388e-02	5.6224e+00
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	5.2914e+01	2.3843e+00	-7.0816e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	3.6812e+01	7.7744e+00	-6.0523e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	3.7395e+01	8.0248e+00	-1.2869e-01
	605	0.0000e+00	0.0000e+00	0.0000e+00	5.4408e+01	1.6753e+00	-1.1580e+00
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	5.2612e+01	2.8213e+00	-1.1542e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	3.6736e+01	6.5185e+00	-1.1572e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	3.6146e+01	7.7541e+00	-7.0920e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	5.3140e+01	2.5719e+00	-7.0613e+00
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	5.3342e+01	2.9881e+00	-1.2771e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	3.7742e+01	3.5223e+00	-1.3542e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	3.5957e+01	5.8461e+00	-1.1687e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	5.3570e+01	2.7038e+00	-1.0916e+01
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	5.4489e+01	3.0771e+00	-9.2385e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	3.9080e+01	-2.8498e-01	-1.0221e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	3.6801e+01	2.4982e+00	-1.2022e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	5.4784e+01	2.7049e+00	-1.1039e+01
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	5.6194e+01	2.1038e+00	-1.5004e+00

	611	0.0000e+00	0.0000e+00	0.0000e+00	3.9257e+01	-2.9073e+00	-2.2041e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	3.8369e+01	-1.2777e+00	-6.7590e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	5.5662e+01	2.7382e+00	-6.0554e+00
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	1.0224e+02	9.3043e+00	8.3737e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	7.7264e+01	5.4188e+00	7.7790e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	7.7835e+01	8.7453e+00	1.7119e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	1.0047e+02	1.6884e+01	2.3066e+00
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	9.9581e+01	-2.8175e+00	1.1003e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	7.6099e+01	-5.5671e-01	1.2215e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	7.8805e+01	2.9567e+00	1.2310e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	9.9319e+01	5.0285e+00	1.1099e+01
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	9.2040e+01	-7.5243e+00	6.1011e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	7.2311e+01	-2.9919e+00	1.0224e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	7.6220e+01	-1.0702e+00	1.4474e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	9.6451e+01	-4.9614e+00	1.0351e+01
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	8.3674e+01	-6.8140e+00	1.8524e-01
	606	0.0000e+00	0.0000e+00	0.0000e+00	6.7128e+01	-2.0495e+00	4.9679e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	7.1077e+01	-1.7083e+00	1.0302e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	8.9379e+01	-7.5151e+00	5.5194e+00
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	7.7719e+01	-4.3908e+00	-4.5894e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	6.2819e+01	6.4083e-02	-1.1361e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	6.5644e+01	-3.8044e-01	3.8785e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	8.1864e+01	-5.8635e+00	4.2515e-01
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	7.5239e+01	-2.1621e+00	-8.2218e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	6.0578e+01	1.8563e+00	-6.7889e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	6.1782e+01	1.1843e+00	-2.4430e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	7.6927e+01	-3.4100e+00	-3.8760e+00
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	7.5699e+01	-7.3564e-02	-1.0835e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	6.0296e+01	3.1044e+00	-1.1069e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	6.0063e+01	2.2763e+00	-7.6405e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	7.5461e+01	-1.3412e+00	-7.4064e+00
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	7.7234e+01	3.3253e+00	-1.1770e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	6.0937e+01	4.3368e+00	-1.2510e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	5.9901e+01	3.2765e+00	-1.0831e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	7.6777e+01	9.6170e-01	-1.0091e+01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	7.8009e+01	8.7243e+00	-8.9506e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	6.1299e+01	5.7676e+00	-9.1254e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	6.0122e+01	4.8859e+00	-1.0680e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	7.8833e+01	5.0093e+00	-1.0505e+01
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	7.9924e+01	1.1135e+01	-6.1165e-01
	600	0.0000e+00	0.0000e+00	0.0000e+00	6.1130e+01	5.9519e+00	-1.2008e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	6.0364e+01	6.3660e+00	-5.9323e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	7.9501e+01	1.0560e+01	-5.3431e+00
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	1.4147e+02	1.5665e+01	9.4472e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	1.0801e+02	1.4074e+01	7.3503e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	1.0786e+02	2.2359e+01	2.1397e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	1.3739e+02	3.1094e+01	4.2365e+00
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	1.3223e+02	-9.0929e+00	4.1055e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	1.0834e+02	-2.9715e+00	7.1380e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	1.1102e+02	7.7658e+00	1.2201e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	1.3568e+02	3.8535e+00	9.1684e+00
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	1.1546e+02	-1.2796e+01	-5.9454e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	1.0066e+02	-9.3620e+00	2.9710e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	1.0631e+02	-3.5105e+00	9.0988e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	1.2780e+02	-1.2221e+01	1.8240e-01
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	1.0158e+02	-9.9476e+00	-9.4275e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	9.0798e+01	-8.1400e+00	-1.3001e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	9.7003e+01	-6.8258e+00	2.3937e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	1.1178e+02	-1.2339e+01	-5.7338e+00
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	9.3467e+01	-6.0722e+00	-9.5153e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	8.3855e+01	-4.8883e+00	-4.6216e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	8.8033e+01	-5.6103e+00	-2.6227e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	9.9167e+01	-8.3879e+00	-7.5164e+00



1997	582	0.0000e+00	0.0000e+00	0.0000e+00	9.1513e+01	-3.2135e+00	-8.4150e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	8.1181e+01	-1.8967e+00	-7.2168e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	8.2584e+01	-3.4607e+00	-5.8883e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	9.2528e+01	-4.7766e+00	-7.0866e+00
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	9.5096e+01	-1.2003e+00	-7.5397e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	8.2226e+01	9.6638e-01	-9.5043e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	8.1325e+01	-1.6238e+00	-8.0494e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	9.2032e+01	-2.3405e+00	-6.0848e+00
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	1.0210e+02	2.4034e+00	-7.8487e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	8.4805e+01	5.2984e+00	-1.1234e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	8.3218e+01	7.9116e-01	-9.3711e+00
	581	0.0000e+00	0.0000e+00	0.0000e+00	9.6857e+01	-5.2732e-03	-5.9860e+00
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	1.0568e+02	1.3202e+01	-8.1496e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	8.6109e+01	1.1820e+01	-9.1535e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	8.5102e+01	6.3418e+00	-9.1627e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	1.0466e+02	4.9784e+00	-8.1588e+00
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	1.0935e+02	2.2921e+01	1.0655e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	8.5224e+01	1.5812e+01	4.7516e-01
	590	0.0000e+00	0.0000e+00	0.0000e+00	8.4276e+01	1.4681e+01	-5.4783e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	1.0911e+02	1.9370e+01	-4.8880e+00
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	2.0243e+02	1.1452e+01	5.5429e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	1.4976e+02	1.8679e+01	5.3603e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	1.4853e+02	3.9014e+01	5.0158e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	2.0330e+02	4.6924e+01	5.1984e+00
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	1.5540e+02	-2.0832e+01	-2.3991e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	1.4533e+02	-1.6652e+01	-4.4490e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	1.5430e+02	7.1589e+00	1.2017e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	1.8588e+02	-2.1293e+01	-7.5254e+00
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	1.2317e+02	-1.6795e+01	-2.8815e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	1.2292e+02	-1.6333e+01	-1.0266e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	1.3469e+02	-1.0290e+01	-6.2065e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.4885e+02	-1.7873e+01	-2.4755e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	1.0415e+02	-8.6764e+00	-2.2762e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	1.0532e+02	-1.0723e+01	-1.0938e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	1.1523e+02	-1.0981e+01	-1.2677e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	1.1810e+02	-9.5819e+00	-2.4500e+01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	9.5152e+01	-2.5019e+00	-1.4616e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	9.5844e+01	-5.4395e+00	-8.9579e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	1.0111e+02	-7.3322e+00	-1.2566e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	1.0130e+02	-3.1188e+00	-1.8224e+01
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	9.4704e+01	1.0946e+00	-6.2048e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	9.3870e+01	-1.8124e+00	-6.0688e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	9.4406e+01	-4.0354e+00	-1.0000e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	9.4443e+01	8.4872e-01	-1.0136e+01
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	1.0282e+02	2.2668e+00	1.4036e+00
	581	0.0000e+00	0.0000e+00	0.0000e+00	9.8624e+01	8.5801e-01	-3.7993e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	9.4896e+01	-2.2550e+00	-6.8987e+00
	565	0.0000e+00	0.0000e+00	0.0000e+00	9.6047e+01	2.4787e+00	-1.6958e+00
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	1.2122e+02	1.5381e+00	5.8563e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	1.0794e+02	5.2949e+00	-4.4792e+00
	581	0.0000e+00	0.0000e+00	0.0000e+00	1.0215e+02	-1.2079e+00	-4.4895e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	1.0615e+02	2.5694e+00	5.8460e+00
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	1.4302e+02	2.2501e+00	1.2267e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	1.1869e+02	1.7330e+01	-1.0036e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	1.1298e+02	2.2596e+00	-3.9946e+00
	561	0.0000e+00	0.0000e+00	0.0000e+00	1.2601e+02	5.3659e+00	7.2683e+00
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	1.5869e+02	3.6645e+01	5.1862e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	1.1605e+02	3.0127e+01	2.2476e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	1.1387e+02	2.4069e+01	-4.3900e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	1.5494e+02	3.0706e+01	-1.4514e+00
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	2.0663e+02	-6.6769e+01	-1.3596e+02
	575	0.0000e+00	0.0000e+00	0.0000e+00	2.6506e+02	-2.0100e+01	-2.4839e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	1.7454e+02	7.4744e+01	3.3589e+01

	10	0.0000e+00	0.0000e+00	0.0000e+00	5.2143e+02	5.6199e+00	-7.7533e+01
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	1.3144e+02	-4.9972e+00	-7.9187e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.6218e+02	-3.4710e+01	-2.8319e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	2.2278e+02	-1.3197e+01	-3.5441e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	1.7352e+02	-2.8795e+01	-8.6309e+01
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	9.8038e+01	9.2802e+00	-5.3279e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	1.1809e+02	-1.6521e+01	-2.9403e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.4823e+02	-1.7074e+01	-4.0753e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	1.1610e+02	-2.0380e+01	-6.4629e+01
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	8.2071e+01	1.5824e+01	-3.3901e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	9.7604e+01	-6.0604e+00	-2.1774e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	1.1423e+02	-8.9116e+00	-3.2764e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	8.9917e+01	-9.0156e+00	-4.4891e+01
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	7.5733e+01	1.8892e+01	-1.7102e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	8.9201e+01	4.9986e-01	-1.2093e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	9.7070e+01	-2.0216e+00	-2.2564e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	7.7974e+01	3.3825e-01	-2.7574e+01
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	7.6809e+01	1.9967e+01	-9.7895e-01
	565	0.0000e+00	0.0000e+00	0.0000e+00	8.9716e+01	4.0999e+00	-1.7398e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	9.0479e+01	2.2844e+00	-1.2095e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	7.4511e+01	6.9387e+00	-1.1334e+01
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	8.5767e+01	1.9815e+01	1.5823e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	9.9301e+01	5.4186e+00	8.8613e+00
	565	0.0000e+00	0.0000e+00	0.0000e+00	9.2734e+01	3.8413e+00	-1.8407e+00
	566	0.0000e+00	0.0000e+00	0.0000e+00	7.8282e+01	1.0654e+01	5.1214e+00
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	1.0661e+02	1.9647e+01	3.4745e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	1.2141e+02	5.6771e+00	1.8746e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	1.0514e+02	2.4469e+00	7.4760e+00
	564	0.0000e+00	0.0000e+00	0.0000e+00	9.0584e+01	1.0811e+01	2.3475e+01
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	1.5132e+02	2.4091e+01	5.6592e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	1.7026e+02	1.3074e+01	2.1861e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	1.3456e+02	-3.9119e+00	1.2148e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	1.1692e+02	4.3213e+00	4.6878e+01
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	3.9536e+02	6.5303e+01	6.6121e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	1.2556e+02	6.0796e+01	-6.0100e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	2.0071e+02	1.5277e+01	1.9892e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	1.7462e+02	-4.0564e+01	9.2023e+01
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	-1.8992e+02	8.9588e+00	-1.5270e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	-7.5636e+01	9.9046e+01	-1.5559e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	-5.1925e+02	-9.2060e+01	-9.9080e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-2.9518e+01	-1.1396e+02	4.1236e+01
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	-6.2848e+01	3.1818e+01	-1.1811e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	-3.8127e+01	1.6902e+01	-4.8168e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	-3.9488e+01	-8.5051e+00	-6.6932e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-1.3487e+02	1.3766e+01	-3.0576e+01
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	-3.1136e+01	1.5908e+01	-1.3878e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	-2.1665e+01	1.0546e+01	-2.6442e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	-2.9046e+01	1.3705e+00	-3.7431e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-4.9113e+01	1.7786e+01	-2.4867e+01
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	-1.8831e+01	1.1779e+01	-8.7490e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-1.5996e+01	7.3966e+00	-1.3835e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	-1.7824e+01	4.6163e+00	-2.0712e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	-2.7267e+01	1.3864e+01	-1.5626e+01
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.4001e+01	9.4568e+00	-3.9626e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	-1.3295e+01	5.8289e+00	-6.1978e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-1.4372e+01	5.2883e+00	-1.0872e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	-1.7435e+01	1.0924e+01	-8.6368e+00
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	-1.3016e+01	8.0267e+00	4.5842e-01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-1.2107e+01	4.2275e+00	-1.1005e-01
	553	0.0000e+00	0.0000e+00	0.0000e+00	-1.2669e+01	5.0445e+00	-3.9992e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.3601e+01	8.9529e+00	-3.4308e+00
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	-1.5837e+01	7.0292e+00	4.9739e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-1.2392e+01	2.0975e+00	6.2493e+00

	552	0.0000e+00	0.0000e+00	0.0000e+00	-1.2282e+01	4.3884e+00	2.0667e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	-1.3373e+01	7.7459e+00	7.9130e-01
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	-2.4695e+01	5.9067e+00	9.8436e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.6944e+01	-1.6580e+00	1.4928e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-1.3838e+01	4.0927e+00	9.4643e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-1.7539e+01	7.3552e+00	4.3803e+00
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	-6.1924e+01	-7.1841e-01	1.2622e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-2.2640e+01	-1.0437e+01	2.8686e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-2.1145e+01	4.6094e+00	2.0266e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-3.0995e+01	1.1578e+01	4.2016e+00
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	-9.6557e+00	-5.7300e+01	-8.0266e+00
	18	0.0000e+00	0.0000e+00	0.0000e+00	-2.3220e+02	-7.4878e+01	4.9905e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-4.0964e+01	4.0992e+01	6.5689e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-8.3967e+01	-7.8656e+00	7.7572e+00
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	-4.5374e+01	-2.8870e+01	1.7653e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-1.0423e+02	-2.7995e+01	2.1074e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-9.9534e+01	-7.0968e+01	1.0581e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	-4.3170e+01	-4.9298e+01	7.1598e+00
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	-4.9152e+01	1.7259e+01	7.2256e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	-5.6811e+01	1.8519e+01	-9.4854e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	-8.3222e+01	2.3051e+01	8.4568e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	-5.6470e+01	-1.1247e+01	2.5168e+01
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	-3.1157e+01	1.7633e+01	9.2653e-01
	545	0.0000e+00	0.0000e+00	0.0000e+00	-3.2665e+01	1.7504e+01	-1.2936e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-5.2407e+01	1.8413e+01	-9.2194e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	-3.9394e+01	1.0919e+01	4.6432e+00
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	-1.9050e+01	1.5125e+01	-9.0449e-01
	544	0.0000e+00	0.0000e+00	0.0000e+00	-2.0488e+01	1.3783e+01	-8.4040e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	-2.8830e+01	1.4501e+01	-8.9343e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	-2.5845e+01	1.4210e+01	-1.4348e+00
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	-1.3222e+01	1.2444e+01	-7.8987e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.4923e+01	1.1031e+01	-4.2236e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	-1.8462e+01	1.1818e+01	-5.5915e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	-1.6613e+01	1.3116e+01	-2.1578e+00
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	-1.1782e+01	1.0345e+01	-9.0876e-02
	542	0.0000e+00	0.0000e+00	0.0000e+00	-1.3658e+01	9.1258e+00	-6.9304e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.4168e+01	1.0084e+01	-2.0253e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	-1.2487e+01	1.1505e+01	-1.4232e+00
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	-1.3889e+01	8.1530e+00	1.3182e-01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-1.6356e+01	7.8268e+00	2.0999e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	-1.3936e+01	8.9641e+00	1.3127e+00
	531	0.0000e+00	0.0000e+00	0.0000e+00	-1.2337e+01	1.0198e+01	-6.5542e-01
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	-1.8157e+01	3.8091e+00	-1.8599e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	-2.5308e+01	6.7722e+00	3.0454e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-1.7679e+01	8.1072e+00	4.2572e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-1.5886e+01	8.6688e+00	-6.4814e-01
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	-2.3730e+01	-8.5821e+00	-9.0283e+00
	539	0.0000e+00	0.0000e+00	0.0000e+00	-3.5880e+01	4.8361e+00	-3.6481e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	-2.7034e+01	5.1230e+00	3.0469e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	-2.1717e+01	5.2727e+00	-2.3332e+00
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	-1.6730e+01	-2.5172e+01	1.9561e+00
	538	0.0000e+00	0.0000e+00	0.0000e+00	-4.2272e+01	-3.5157e+01	5.6249e-02
	539	0.0000e+00	0.0000e+00	0.0000e+00	-4.5295e+01	-2.1706e+01	-7.1452e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	-1.7542e+01	-1.7420e+01	-5.2454e+00
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.1574e+01	-1.9134e+01	1.5040e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-4.1386e+01	-2.2958e+01	1.8152e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	-3.5694e+01	-3.8788e+01	9.6348e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.0985e+01	-2.5733e+01	6.5233e+00
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.7401e+01	1.2695e+00	1.3630e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-3.6725e+01	8.5166e+00	1.4646e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-3.5368e+01	-8.2405e+00	1.9638e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.6707e+01	-1.0885e+01	1.8622e+01
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	-1.5129e+01	1.0898e+01	8.7126e+00

	534	0.0000e+00	0.0000e+00	0.0000e+00	-2.4961e+01	1.4305e+01	3.5683e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	-3.3810e+01	1.2280e+01	9.7800e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.6663e+01	3.3759e+00	1.4924e+01
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	-1.0137e+01	1.2495e+01	4.3783e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	-1.6290e+01	1.4215e+01	-1.2522e-01
	534	0.0000e+00	0.0000e+00	0.0000e+00	-2.2794e+01	1.4966e+01	3.3345e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	-1.2723e+01	9.8299e+00	7.8381e+00
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	-6.8263e+00	1.1445e+01	1.4643e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	-1.1622e+01	1.2483e+01	-1.0280e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	-1.4997e+01	1.3660e+01	7.5878e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	-8.4824e+00	1.1156e+01	3.2511e+00
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	-5.7968e+00	9.6175e+00	-6.2397e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-1.0444e+01	1.0686e+01	-1.1710e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	-1.1134e+01	1.1885e+01	2.8075e-02
	521	0.0000e+00	0.0000e+00	0.0000e+00	-6.2108e+00	1.0578e+01	5.7508e-01
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	-6.4641e+00	6.8506e+00	-2.6497e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-1.2067e+01	8.6850e+00	-1.7381e+00
	531	0.0000e+00	0.0000e+00	0.0000e+00	-1.0647e+01	1.0135e+01	-3.2652e-01
	520	0.0000e+00	0.0000e+00	0.0000e+00	-6.0439e+00	9.1715e+00	-1.2381e+00
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	-7.2914e+00	1.8060e+00	-4.9112e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	-1.5348e+01	4.6944e+00	-3.6096e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-1.2837e+01	7.5798e+00	-1.5203e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	-7.1748e+00	6.3277e+00	-2.8220e+00
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	-6.4918e+00	-6.2531e+00	-4.7927e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	-1.4567e+01	-6.9228e+00	-6.1361e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	-1.6514e+01	2.2763e+00	-5.2668e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	-7.2567e+00	-1.1616e-01	-3.9234e+00
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	-3.6584e+00	-1.3382e+01	2.1109e+00
	527	0.0000e+00	0.0000e+00	0.0000e+00	-1.4491e+01	-2.0091e+01	6.2706e-01
	528	0.0000e+00	0.0000e+00	0.0000e+00	-1.6960e+01	-1.3586e+01	-4.3761e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	-4.1842e+00	-1.0380e+01	-2.8923e+00
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	9.8565e+00	-1.1191e+01	1.2157e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-8.6415e+00	-1.4503e+01	1.3694e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	-6.1872e+00	-2.0234e+01	8.6310e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	1.0505e+01	-1.3512e+01	7.0939e+00
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	5.9425e+00	-2.4475e+00	1.3400e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.0510e+01	3.1157e-01	1.5984e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-6.6668e+00	-8.8517e+00	1.6838e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	7.3152e+00	-7.7853e+00	1.4254e+01
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	3.6167e+00	4.5334e+00	1.0338e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	-8.5773e+00	8.3818e+00	1.0540e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	-9.1151e+00	4.3266e+00	1.4683e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	4.5629e+00	-3.5340e-02	1.4481e+01
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	3.3120e+00	7.6000e+00	6.0018e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	-5.4898e+00	1.0806e+01	5.0666e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	-7.6946e+00	1.0220e+01	9.2691e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	3.6292e+00	5.0972e+00	1.0204e+01
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	3.4683e+00	8.0882e+00	2.0229e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	-3.4685e+00	1.0590e+01	1.3527e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	-5.0522e+00	1.1302e+01	4.6364e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	3.6993e+00	7.2958e+00	5.3067e+00
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	3.2160e+00	7.2025e+00	-1.1815e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	-2.9896e+00	9.3046e+00	-1.1932e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	-3.4387e+00	1.0525e+01	1.3261e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	3.6415e+00	7.6346e+00	1.3378e+00
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	2.7100e+00	5.1156e+00	-3.5535e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	-3.5247e+00	6.9399e+00	-3.2302e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	-3.3053e+00	8.8430e+00	-1.2265e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	3.1432e+00	6.6963e+00	-1.5498e+00
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	2.6444e+00	1.5159e+00	-4.5771e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	-3.7211e+00	2.3530e+00	-4.7244e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	-4.0939e+00	5.7907e+00	-3.5097e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	2.7199e+00	4.2204e+00	-3.3624e+00

2060	506	0.0000e+00	0.0000e+00	0.0000e+00	3.4682e+00	-3.2290e+00	-2.9330e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	-2.4120e+00	-5.0769e+00	-4.0859e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	-4.4722e+00	2.2078e-01	-4.8201e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	3.2013e+00	-1.7210e-01	-3.6671e+00
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	4.3931e+00	-6.7503e+00	1.7118e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	-2.1179e+00	-1.0681e+01	1.1396e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	-3.2607e+00	-7.7579e+00	-2.1534e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	4.3811e+00	-5.1625e+00	-1.5812e+00
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	2.7830e+01	-6.1904e+00	9.6346e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	1.3389e+01	-8.2724e+00	1.0897e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	1.4916e+01	-9.9947e+00	8.1449e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	2.8852e+01	-6.6223e+00	6.8824e+00
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	2.4525e+01	-3.2520e+00	1.0895e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	1.0647e+01	-1.8083e+00	1.3334e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	1.3951e+01	-5.9946e+00	1.3552e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	2.6145e+01	-4.9827e+00	1.1113e+01
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	2.0842e+01	2.4760e-01	8.6368e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	8.9355e+00	3.5118e+00	1.0666e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	1.1029e+01	6.1787e-01	1.3558e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	2.2845e+01	-1.8492e+00	1.1529e+01
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	1.7794e+01	2.7941e+00	4.7032e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	8.1658e+00	6.2281e+00	6.0869e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	8.9571e+00	5.2370e+00	9.9097e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	1.9795e+01	1.0949e+00	8.5260e+00
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	1.5412e+01	4.1151e+00	7.1968e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	7.5371e+00	7.0294e+00	1.7941e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	7.8867e+00	7.2276e+00	5.3287e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	1.7231e+01	3.1367e+00	4.2544e+00
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	1.3504e+01	4.3850e+00	-2.4690e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	6.7081e+00	6.5989e+00	-1.5248e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	7.0562e+00	7.4871e+00	1.2618e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	1.5062e+01	4.1785e+00	3.1752e-01
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	1.2076e+01	3.6825e+00	-4.4109e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	5.9294e+00	4.9708e+00	-3.7229e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	6.1020e+00	6.5836e+00	-1.8793e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	1.3292e+01	4.2182e+00	-2.5672e+00
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	1.1274e+01	2.0121e+00	-4.5994e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	5.7024e+00	1.8739e+00	-4.4152e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	5.2583e+00	4.4304e+00	-3.8482e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	1.2090e+01	3.1686e+00	-4.0324e+00
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	1.1068e+01	-3.2212e-01	-2.5977e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	6.0236e+00	-2.2218e+00	-2.8467e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	5.0361e+00	8.4512e-01	-3.9374e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	1.1552e+01	1.1070e+00	-3.6884e+00
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	1.0912e+01	-2.3627e+00	1.0270e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	5.7443e+00	-5.0362e+00	1.0951e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	5.5034e+00	-3.2760e+00	-1.2783e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	1.1290e+01	-1.2458e+00	-1.3464e+00
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	4.5238e+01	-3.0971e+00	7.0297e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	3.1687e+01	-4.2084e+00	8.5382e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	3.3354e+01	-4.0252e+00	6.9625e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	4.6616e+01	-2.0138e+00	5.4540e+00
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	4.1732e+01	-4.0402e+00	7.5820e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	2.8799e+01	-2.5281e+00	9.9314e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	3.1725e+01	-3.4796e+00	1.0577e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	4.3547e+01	-3.2467e+00	8.2275e+00
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	3.6922e+01	-3.2620e+00	4.9619e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	2.5603e+01	-2.6500e-01	7.8860e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	2.8568e+01	-1.2839e+00	1.0599e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	3.9859e+01	-3.6633e+00	7.6748e+00
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	3.1861e+01	-1.4105e+00	1.1256e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	2.2448e+01	1.7590e+00	4.0718e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	2.4918e+01	1.1758e+00	7.5610e+00

	490	0.0000e+00	0.0000e+00	0.0000e+00	3.5337e+01	-2.5696e+00	4.6148e+00
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	2.7414e+01	5.0787e-01	-2.4113e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	1.9567e+01	3.1668e+00	1.6313e-01
	500	0.0000e+00	0.0000e+00	0.0000e+00	2.1500e+01	3.0499e+00	3.3884e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	3.0677e+01	-6.8319e-01	8.1403e-01
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	2.3904e+01	1.9400e+00	-4.9635e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	1.7125e+01	3.8046e+00	-2.9166e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	1.8570e+01	4.1106e+00	-4.6024e-01
	488	0.0000e+00	0.0000e+00	0.0000e+00	2.6591e+01	1.1071e+00	-2.5071e+00
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	2.1292e+01	2.7588e+00	-6.1944e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	1.5250e+01	3.5649e+00	-4.6943e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	1.6172e+01	4.3472e+00	-3.2740e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	2.3397e+01	2.3384e+00	-4.7740e+00
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	1.9404e+01	2.9919e+00	-5.7530e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	1.3978e+01	2.4163e+00	-4.7428e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	1.4352e+01	3.7300e+00	-4.6250e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	2.1069e+01	2.9207e+00	-5.6351e+00
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	1.8111e+01	2.5467e+00	-3.4380e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	1.3108e+01	6.4187e-01	-2.7876e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	1.3170e+01	2.2724e+00	-4.0698e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	1.9361e+01	2.9085e+00	-4.7201e+00
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	1.7303e+01	1.1688e+00	7.3184e-02
	494	0.0000e+00	0.0000e+00	0.0000e+00	1.2189e+01	-1.0104e+00	5.8132e-01
	495	0.0000e+00	0.0000e+00	0.0000e+00	1.2549e+01	3.1690e-01	-1.4891e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	1.7968e+01	2.2409e+00	-1.9972e+00
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	6.3771e+01	-1.1427e+00	4.2150e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	4.9238e+01	-1.4630e+00	5.9330e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	5.1362e+01	2.8814e-01	4.7363e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	6.5115e+01	2.3394e+00	3.0183e+00
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	5.9099e+01	-6.2203e+00	3.2717e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	4.6207e+01	-3.7319e+00	5.9328e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	4.9239e+01	-1.9930e+00	7.6495e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	6.1438e+01	-2.9068e+00	4.9884e+00
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	5.1932e+01	-7.0190e+00	-8.9273e-01
	490	0.0000e+00	0.0000e+00	0.0000e+00	4.1654e+01	-3.9667e+00	3.3441e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	4.5374e+01	-3.1767e+00	6.6421e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	5.6764e+01	-6.6605e+00	2.4053e+00
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	4.4380e+01	-4.9684e+00	-4.7374e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	3.6271e+01	-2.3760e+00	-1.3600e-01
	490	0.0000e+00	0.0000e+00	0.0000e+00	4.0079e+01	-2.4492e+00	3.1016e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	4.9859e+01	-6.2730e+00	-1.4999e+00
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	3.8033e+01	-2.1524e+00	-7.2577e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	3.1267e+01	-2.3673e-01	-3.3036e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	3.4565e+01	-6.7249e-01	-7.8786e-01
	478	0.0000e+00	0.0000e+00	0.0000e+00	4.2716e+01	-3.7426e+00	-4.7420e+00
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	3.3344e+01	3.7750e-01	-8.5669e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	2.7258e+01	1.5986e+00	-5.5849e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	2.9786e+01	1.1671e+00	-3.8987e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	3.6834e+01	-9.5358e-01	-6.8807e+00
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	3.0075e+01	2.4642e+00	-8.8016e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	2.4258e+01	2.8779e+00	-6.6676e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	2.6051e+01	2.6029e+00	-5.8519e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	3.2589e+01	1.4000e+00	-7.9859e+00
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	2.7628e+01	4.3385e+00	-7.8031e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	2.1970e+01	3.6050e+00	-6.1714e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	2.3206e+01	3.5965e+00	-6.4248e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	2.9686e+01	3.3651e+00	-8.0565e+00
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	2.5609e+01	5.7376e+00	-5.1336e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	2.0088e+01	3.6512e+00	-3.7847e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	2.0968e+01	4.1456e+00	-5.3373e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	2.7452e+01	5.1360e+00	-6.6861e+00
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	2.4608e+01	4.7687e+00	-9.8582e-01
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.8585e+01	2.5478e+00	-2.3824e-01

	484	0.0000e+00	0.0000e+00	0.0000e+00	1.9338e+01	3.8015e+00	-2.5359e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	2.5364e+01	6.1342e+00	-3.2835e+00
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	8.5403e+01	-3.9038e-01	1.2185e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	6.7657e+01	4.3238e-01	2.8026e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	7.0291e+01	4.8044e+00	1.7914e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	8.5966e+01	7.6313e+00	2.0721e-01
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	7.6309e+01	-1.1443e+01	-3.9956e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	6.4321e+01	-7.1048e+00	3.6667e-01
	481	0.0000e+00	0.0000e+00	0.0000e+00	6.8185e+01	-1.9226e+00	4.6119e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	8.1250e+01	-5.9972e+00	2.4960e-01
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	6.3681e+01	-1.0875e+01	-1.0706e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	5.6724e+01	-8.5117e+00	-3.3761e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	6.2093e+01	-6.2172e+00	7.8794e-01
	469	0.0000e+00	0.0000e+00	0.0000e+00	7.3106e+01	-1.2106e+01	-6.5418e+00
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	5.2878e+01	-7.0383e+00	-1.3175e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	4.8083e+01	-5.9493e+00	-6.3949e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	5.3707e+01	-6.0597e+00	-4.0602e+00
	468	0.0000e+00	0.0000e+00	0.0000e+00	6.0938e+01	-9.5978e+00	-1.0840e+01
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	4.5053e+01	-2.9296e+00	-1.3368e+01
	477	0.0000e+00	0.0000e+00	0.0000e+00	4.0962e+01	-2.5377e+00	-8.2522e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	4.5573e+01	-3.5841e+00	-7.2203e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	5.0768e+01	-5.2371e+00	-1.2336e+01
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	4.0101e+01	4.5923e-01	-1.2504e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	3.5895e+01	4.8957e-01	-9.1230e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	3.9187e+01	-7.7027e-01	-8.8330e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	4.3633e+01	-1.3145e+00	-1.2214e+01
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	3.7488e+01	3.1726e+00	-1.1177e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	3.2557e+01	3.0239e+00	-9.1858e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	3.4744e+01	1.6703e+00	-9.3181e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	3.9320e+01	1.7839e+00	-1.1310e+01
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	3.6281e+01	5.8832e+00	-9.5768e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	3.0147e+01	5.3538e+00	-8.3112e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	3.1760e+01	3.8792e+00	-8.8473e+00
	464	0.0000e+00	0.0000e+00	0.0000e+00	3.7223e+01	4.4122e+00	-1.0113e+01
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	3.4577e+01	9.5068e+00	-7.1608e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	2.7903e+01	7.1903e+00	-5.6247e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	2.9254e+01	6.2906e+00	-7.2384e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	3.6327e+01	7.1721e+00	-8.7745e+00
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	3.4318e+01	9.6538e+00	-1.7685e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	2.5802e+01	6.5766e+00	-1.0499e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	2.6789e+01	7.9872e+00	-4.1387e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	3.4781e+01	1.1032e+01	-4.8573e+00
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	1.1479e+02	-7.2405e+00	-5.0436e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	9.0229e+01	9.4237e-02	-2.3645e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	9.2259e+01	1.1210e+01	-8.7214e-01
	460	0.0000e+00	0.0000e+00	0.0000e+00	1.1817e+02	1.5587e+01	-3.5512e+00
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	8.5626e+01	-2.0227e+01	-2.2945e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	8.3376e+01	-1.6229e+01	-9.5337e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	9.0772e+01	-4.8468e+00	2.5445e-01
	458	0.0000e+00	0.0000e+00	0.0000e+00	1.0530e+02	-2.0247e+01	-1.3157e+01
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	6.5506e+01	-1.4525e+01	-2.6140e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	6.7475e+01	-1.3110e+01	-1.3866e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	7.6220e+01	-1.1563e+01	-1.1269e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	8.1535e+01	-1.5294e+01	-2.3544e+01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	5.2696e+01	-7.4088e+00	-2.3409e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	5.4644e+01	-7.6056e+00	-1.4925e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	6.2235e+01	-9.2045e+00	-1.5590e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	6.2227e+01	-8.0840e+00	-2.4074e+01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	4.5018e+01	-1.7989e+00	-1.9538e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	4.6110e+01	-2.6452e+00	-1.4214e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	5.1338e+01	-4.8564e+00	-1.5952e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	5.0535e+01	-2.2585e+00	-2.1276e+01
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	4.1258e+01	2.2446e+00	-1.5478e+01

	465	0.0000e+00	0.0000e+00	0.0000e+00	4.1119e+01	1.2155e+00	-1.2682e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	4.4172e+01	-9.3303e-01	-1.4696e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	4.3850e+01	2.0300e+00	-1.7492e+01
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	4.0881e+01	5.0228e+00	-1.1605e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	3.8926e+01	4.3097e+00	-1.0930e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	4.0212e+01	2.0900e+00	-1.2804e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	4.0956e+01	5.0903e+00	-1.3479e+01
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	4.3895e+01	6.8610e+00	-8.4787e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	3.8419e+01	7.4389e+00	-9.5323e+00
	464	0.0000e+00	0.0000e+00	0.0000e+00	3.8841e+01	4.5523e+00	-1.0706e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	4.1346e+01	7.4556e+00	-9.6520e+00
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	4.7415e+01	8.4300e+00	-7.2669e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	3.8594e+01	1.1534e+01	-8.5172e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	3.8575e+01	7.3165e+00	-8.6190e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	4.4911e+01	1.0622e+01	-7.3686e+00
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	5.1208e+01	1.4728e+01	-1.6340e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	3.5440e+01	1.2461e+01	-1.7760e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	3.5753e+01	1.3666e+01	-6.1154e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	5.0609e+01	2.0000e+01	-5.9735e+00
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	1.0669e+02	-3.6843e+01	-8.3111e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	1.4457e+02	-2.4989e+01	-2.0730e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	1.0620e+02	2.8248e+01	1.2123e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	2.7098e+02	-2.5005e+01	-5.0259e+01
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	6.6783e+01	-3.8673e+00	-5.3473e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	8.6369e+01	-2.7112e+01	-2.4665e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	1.2312e+02	-1.7874e+01	-2.8133e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	8.8172e+01	-3.4246e+01	-5.6940e+01
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	4.8608e+01	5.0619e+00	-4.0330e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	6.0876e+01	-1.3977e+01	-2.6194e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	8.0295e+01	-1.6167e+01	-3.1896e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	5.7721e+01	-2.3906e+01	-4.6032e+01
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	3.9373e+01	9.8499e+00	-3.0813e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	4.8015e+01	-5.6862e+00	-2.2939e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	5.9813e+01	-8.6929e+00	-2.8322e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	4.3469e+01	-1.3561e+01	-3.6196e+01
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	3.4876e+01	1.2848e+01	-2.2860e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	4.1234e+01	1.1810e-01	-1.8582e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	4.8370e+01	-2.4580e+00	-2.3535e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	3.6373e+01	-5.3720e+00	-2.7812e+01
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	3.3759e+01	1.5058e+01	-1.5543e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	3.8476e+01	4.2085e+00	-1.3901e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	4.2246e+01	2.1192e+00	-1.8603e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	3.3301e+01	5.8762e-01	-2.0244e+01
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	3.5893e+01	1.7100e+01	-8.2520e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	3.9246e+01	7.1623e+00	-9.0818e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	4.0098e+01	5.2596e+00	-1.3748e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	3.3366e+01	4.5689e+00	-1.2918e+01
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	4.2449e+01	1.9718e+01	-3.5923e-01
	444	0.0000e+00	0.0000e+00	0.0000e+00	4.4181e+01	9.6193e+00	-4.3202e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	4.1860e+01	7.2096e+00	-9.1242e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	3.6775e+01	6.6312e+00	-5.1632e+00
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	5.7193e+01	2.4909e+01	8.7830e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	5.6829e+01	1.3890e+01	-9.5873e-01
	444	0.0000e+00	0.0000e+00	0.0000e+00	4.9147e+01	7.6970e+00	-5.5989e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	4.5212e+01	5.8738e+00	4.1428e+00
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	1.3332e+02	4.4499e+01	1.7106e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	3.7338e+01	2.4461e+01	-2.7314e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	6.6373e+01	1.7108e+01	3.4012e-01
	443	0.0000e+00	0.0000e+00	0.0000e+00	6.4244e+01	-9.0164e+00	2.0177e+01
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	8.3965e+01	7.8655e+00	7.7571e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	4.0963e+01	-4.0992e+01	6.5688e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	2.3220e+02	7.4877e+01	4.9905e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	9.6544e+00	5.7300e+01	-8.0266e+00



2123	429	0.0000e+00	0.0000e+00	0.0000e+00	3.0994e+01	-1.1578e+01	4.2016e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	2.1144e+01	-4.6096e+00	2.0266e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	2.2639e+01	1.0437e+01	2.8686e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	6.1922e+01	7.1834e-01	1.2622e+01
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	1.7538e+01	-7.3555e+00	4.3803e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	1.3837e+01	-4.0930e+00	9.4643e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	1.6943e+01	1.6577e+00	1.4928e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.4694e+01	-5.9069e+00	9.8435e+00
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	1.3372e+01	-7.7461e+00	7.9142e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	1.2281e+01	-4.3887e+00	2.0668e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	1.2391e+01	-2.0979e+00	6.2493e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	1.5836e+01	-7.0294e+00	4.9739e+00
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	1.3600e+01	-8.9532e+00	-3.4305e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	1.2668e+01	-5.0449e+00	-3.9990e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	1.2105e+01	-4.2279e+00	-1.0991e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	1.3015e+01	-8.0270e+00	4.5858e-01
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	1.7434e+01	-1.0924e+01	-8.6364e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	1.4371e+01	-5.2887e+00	-1.0872e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	1.3294e+01	-5.8293e+00	-6.1975e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	1.4000e+01	-9.4571e+00	-3.9624e+00
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	2.7266e+01	-1.3864e+01	-1.5626e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	1.7822e+01	-4.6166e+00	-2.0712e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	1.5994e+01	-7.3970e+00	-1.3834e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	1.8830e+01	-1.1779e+01	-8.7487e+00
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	4.9112e+01	-1.7787e+01	-2.4867e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	2.9044e+01	-1.3708e+00	-3.7430e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	2.1664e+01	-1.0546e+01	-2.6441e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	3.1135e+01	-1.5909e+01	-1.3878e+01
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	1.3487e+02	-1.3766e+01	-3.0575e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	3.9487e+01	8.5049e+00	-6.6931e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	3.8126e+01	-1.6902e+01	-4.8167e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	6.2847e+01	-3.1818e+01	-1.1811e+01
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	2.9517e+01	1.1396e+02	4.1237e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	5.1925e+02	9.2061e+01	-9.9080e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	7.5635e+01	-9.9046e+01	-1.5559e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	1.8992e+02	-8.9589e+00	-1.5269e+01
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	1.7541e+01	1.7419e+01	-5.2453e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	4.5293e+01	2.1706e+01	-7.1452e+00
	431	0.0000e+00	0.0000e+00	0.0000e+00	4.2271e+01	3.5157e+01	5.6239e-02
	420	0.0000e+00	0.0000e+00	0.0000e+00	1.6729e+01	2.5171e+01	1.9561e+00
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	2.1715e+01	-5.2728e+00	-2.3331e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.7033e+01	-5.1231e+00	3.0469e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	3.5878e+01	-4.8361e+00	-3.6481e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	2.3729e+01	8.5820e+00	-9.0282e+00
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	1.5885e+01	-8.6689e+00	-6.4801e-01
	428	0.0000e+00	0.0000e+00	0.0000e+00	1.7678e+01	-8.1074e+00	4.2573e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.5307e+01	-6.7724e+00	3.0454e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	1.8156e+01	-3.8092e+00	-1.8598e+00
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	1.2336e+01	-1.0198e+01	-6.5522e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	1.3935e+01	-8.9644e+00	1.3128e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	1.6355e+01	-7.8270e+00	2.1000e+00
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.3888e+01	-8.1532e+00	1.3197e-01
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	1.2486e+01	-1.1505e+01	-1.4229e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	1.4167e+01	-1.0084e+01	-2.0251e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	1.3657e+01	-9.1261e+00	-6.9286e-01
	416	0.0000e+00	0.0000e+00	0.0000e+00	1.1781e+01	-1.0345e+01	-9.0642e-02
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	1.6613e+01	-1.3116e+01	-2.1574e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	1.8461e+01	-1.1818e+01	-5.5912e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	1.4922e+01	-1.1031e+01	-4.2233e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	1.3222e+01	-1.2444e+01	-7.8954e-01
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	2.5845e+01	-1.4210e+01	-1.4343e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	2.8829e+01	-1.4501e+01	-8.9339e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	2.0487e+01	-1.3783e+01	-8.4037e+00

	414	0.0000e+00	0.0000e+00	0.0000e+00	1.9050e+01	-1.5125e+01	-9.0405e-01
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	3.9394e+01	-1.0919e+01	4.6437e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	5.2407e+01	-1.8413e+01	-9.2188e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	3.2664e+01	-1.7505e+01	-1.2936e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	3.1157e+01	-1.7633e+01	9.2706e-01
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	5.6469e+01	1.1247e+01	2.5168e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	8.3222e+01	-2.3051e+01	8.4573e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	5.6810e+01	-1.8519e+01	-9.4849e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	4.9152e+01	-1.7259e+01	7.2262e+00
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	4.3170e+01	4.9297e+01	7.1604e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	9.9533e+01	7.0968e+01	1.0581e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	1.0423e+02	2.7995e+01	2.1074e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	4.5374e+01	2.8870e+01	1.7653e+01
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	4.1829e+00	1.0380e+01	-2.8921e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	1.6958e+01	1.3586e+01	-4.3760e+00
	420	0.0000e+00	0.0000e+00	0.0000e+00	1.4489e+01	2.0090e+01	6.2709e-01
	409	0.0000e+00	0.0000e+00	0.0000e+00	3.6571e+00	1.3382e+01	2.1110e+00
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	7.2555e+00	1.1612e-01	-3.9232e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	1.6513e+01	-2.2763e+00	-5.2667e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	1.4566e+01	6.9227e+00	-6.1360e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	6.4906e+00	6.2531e+00	-4.7925e+00
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	7.1739e+00	-6.3278e+00	-2.8217e+00
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.2836e+01	-7.5798e+00	-1.5202e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	1.5346e+01	-4.6945e+00	-3.6094e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	7.2903e+00	-1.8060e+00	-4.9109e+00
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	6.0431e+00	-9.1716e+00	-1.2377e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	1.0646e+01	-1.0135e+01	-3.2629e-01
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.2066e+01	-8.6851e+00	-1.7379e+00
	406	0.0000e+00	0.0000e+00	0.0000e+00	6.4632e+00	-6.8507e+00	-2.6494e+00
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	6.2102e+00	-1.0578e+01	5.7552e-01
	415	0.0000e+00	0.0000e+00	0.0000e+00	1.1133e+01	-1.1886e+01	2.8399e-02
	416	0.0000e+00	0.0000e+00	0.0000e+00	1.0443e+01	-1.0686e+01	-1.1707e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	5.7960e+00	-9.6177e+00	-6.2358e-01
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	8.4820e+00	-1.1156e+01	3.2516e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	1.4996e+01	-1.3660e+01	7.5920e-01
	415	0.0000e+00	0.0000e+00	0.0000e+00	1.1622e+01	-1.2483e+01	-1.0277e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	6.8257e+00	-1.1445e+01	1.4648e+00
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	1.2723e+01	-9.8300e+00	7.8387e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	2.2793e+01	-1.4967e+01	3.3351e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	1.6289e+01	-1.4215e+01	-1.2475e-01
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.0137e+01	-1.2495e+01	4.3789e+00
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	1.6663e+01	-3.3760e+00	1.4925e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	3.3810e+01	-1.2280e+01	9.7806e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	2.4961e+01	-1.4305e+01	3.5689e+00
	402	0.0000e+00	0.0000e+00	0.0000e+00	1.5128e+01	-1.0898e+01	8.7133e+00
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	1.6707e+01	1.0885e+01	1.8622e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	3.5367e+01	8.2404e+00	1.9638e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	3.6724e+01	-8.5168e+00	1.4647e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	1.7401e+01	-1.2696e+00	1.3631e+01
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	1.0986e+01	2.5733e+01	6.5243e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	3.5694e+01	3.8788e+01	9.6355e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	4.1385e+01	2.2958e+01	1.8152e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	1.1574e+01	1.9134e+01	1.5041e+01
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	-4.3824e+00	5.1626e+00	-1.5809e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	3.2594e+00	7.7579e+00	-2.1532e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	2.1166e+00	1.0681e+01	1.1397e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	-4.3946e+00	6.7503e+00	1.7120e+00
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	-3.2025e+00	1.7214e-01	-3.6667e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	4.4710e+00	-2.2079e-01	-4.8198e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	2.4107e+00	5.0768e+00	-4.0857e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	-3.4695e+00	3.2290e+00	-2.9326e+00
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	-2.7209e+00	-4.2204e+00	-3.3619e+00
	406	0.0000e+00	0.0000e+00	0.0000e+00	4.0929e+00	-5.7908e+00	-3.5093e+00

	407	0.0000e+00	0.0000e+00	0.0000e+00	3.7200e+00	-2.3530e+00	-4.7241e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	-2.6455e+00	-1.5159e+00	-4.5767e+00
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	-3.1439e+00	-6.6963e+00	-1.5493e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	3.3045e+00	-8.8431e+00	-1.2261e+00
	406	0.0000e+00	0.0000e+00	0.0000e+00	3.5238e+00	-6.9400e+00	-3.2298e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	-2.7109e+00	-5.1156e+00	-3.5530e+00
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	-3.6419e+00	-7.6346e+00	1.3385e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	3.4382e+00	-1.0525e+01	1.3266e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	2.9889e+00	-9.3047e+00	-1.1928e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	-3.2166e+00	-7.2025e+00	-1.1809e+00
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	-3.6994e+00	-7.2958e+00	5.3074e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	5.0519e+00	-1.1302e+01	4.6370e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	3.4680e+00	-1.0590e+01	1.3532e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	-3.4686e+00	-8.0882e+00	2.0237e+00
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	-3.6290e+00	-5.0972e+00	1.0205e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	7.6945e+00	-1.0220e+01	9.2698e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	5.4896e+00	-1.0806e+01	5.0672e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	-3.3121e+00	-7.6000e+00	6.0027e+00
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	-4.5624e+00	3.5391e-02	1.4482e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	9.1153e+00	-4.3266e+00	1.4684e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	8.5773e+00	-8.3819e+00	1.0541e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	-3.6164e+00	-4.5334e+00	1.0339e+01
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	-7.3143e+00	7.7853e+00	1.4256e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	6.6673e+00	8.8518e+00	1.6839e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	1.0510e+01	-3.1163e-01	1.5985e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-5.9419e+00	2.4476e+00	1.3401e+01
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.0503e+01	1.3512e+01	7.0953e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	6.1880e+00	2.0234e+01	8.6322e+00
	400	0.0000e+00	0.0000e+00	0.0000e+00	8.6421e+00	1.4503e+01	1.3695e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	-9.8554e+00	1.1191e+01	1.2158e+01
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.1292e+01	1.2460e+00	-1.3459e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	-5.5048e+00	3.2761e+00	-1.2780e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	-5.7459e+00	5.0362e+00	1.0954e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.0913e+01	2.3629e+00	1.0274e+00
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.1553e+01	-1.1068e+00	-3.6877e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	-5.0373e+00	-8.4503e-01	-3.9370e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	-6.0249e+00	2.2219e+00	-2.8464e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.1069e+01	3.2231e-01	-2.5972e+00
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.2091e+01	-3.1685e+00	-4.0316e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	-5.2592e+00	-4.4304e+00	-3.8477e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	-5.7035e+00	-1.8738e+00	-4.4147e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.1275e+01	-2.0119e+00	-4.5987e+00
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.3292e+01	-4.2181e+00	-2.5663e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	-6.1027e+00	-6.5836e+00	-1.8786e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	-5.9303e+00	-4.9708e+00	-3.7223e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.2077e+01	-3.6824e+00	-4.4101e+00
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.5062e+01	-4.1784e+00	3.1851e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	-7.0566e+00	-7.4870e+00	1.2625e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	-6.7087e+00	-6.5989e+00	-1.5241e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.3505e+01	-4.3850e+00	-2.4681e+00
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.7231e+01	-3.1366e+00	4.2555e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	-7.8867e+00	-7.2275e+00	5.3296e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	-7.5373e+00	-7.0294e+00	1.7949e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.5412e+01	-4.1150e+00	7.2072e-01
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.9795e+01	-1.0948e+00	8.5273e+00
	391	0.0000e+00	0.0000e+00	0.0000e+00	-8.9568e+00	-5.2369e+00	9.9107e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	-8.1657e+00	-6.2281e+00	6.0878e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.7794e+01	-2.7940e+00	4.7044e+00
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	-2.2844e+01	1.8495e+00	1.1530e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.1028e+01	-6.1772e-01	1.3559e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	-8.9351e+00	-3.5117e+00	1.0667e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-2.0841e+01	-2.4744e-01	8.6381e+00
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	-2.6143e+01	4.9831e+00	1.1115e+01

	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.3949e+01	5.9948e+00	1.3553e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.0646e+01	1.8084e+00	1.3335e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-2.4524e+01	3.2522e+00	1.0897e+01
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	-2.8850e+01	6.6227e+00	6.8844e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.4915e+01	9.9949e+00	8.1465e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.3388e+01	8.2726e+00	1.0899e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-2.7829e+01	6.1906e+00	9.6365e+00
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.7970e+01	-2.2405e+00	-1.9965e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.2551e+01	-3.1662e-01	-1.4886e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.2191e+01	1.0106e+00	5.8170e-01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.7305e+01	-1.1684e+00	7.3732e-02
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.9362e+01	-2.9082e+00	-4.7191e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.3171e+01	-2.2722e+00	-4.0690e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.3109e+01	-6.4164e-01	-2.7870e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.8113e+01	-2.5463e+00	-3.4371e+00
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.1070e+01	-2.9205e+00	-5.6340e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.4353e+01	-3.7298e+00	-4.6241e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.3979e+01	-2.4161e+00	-4.7420e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.9405e+01	-2.9916e+00	-5.7520e+00
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	-2.3397e+01	-2.3382e+00	-4.7728e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.6173e+01	-4.3471e+00	-3.2730e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.5251e+01	-3.5648e+00	-4.6934e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.1292e+01	-2.7586e+00	-6.1932e+00
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	-2.6591e+01	-1.1069e+00	-2.5057e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.8570e+01	-4.1105e+00	-4.5913e-01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.7125e+01	-3.8045e+00	-2.9156e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-2.3905e+01	-1.9398e+00	-4.9622e+00
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	-3.0677e+01	6.8347e-01	8.1556e-01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-2.1499e+01	-3.0497e+00	3.3897e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.9567e+01	-3.1667e+00	1.6428e-01
	371	0.0000e+00	0.0000e+00	0.0000e+00	-2.7414e+01	-5.0770e-01	-2.4098e+00
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	-3.5336e+01	2.5700e+00	4.6165e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	-2.4918e+01	-1.1755e+00	7.5624e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	-2.2447e+01	-1.7589e+00	4.0731e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	-3.1860e+01	1.4108e+00	1.1272e+00
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	-3.9857e+01	3.6638e+00	7.6768e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	-2.8567e+01	1.2843e+00	1.0600e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-2.5603e+01	2.6523e-01	7.8874e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	-3.6921e+01	3.2624e+00	4.9638e+00
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	-4.3545e+01	3.2474e+00	8.2298e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	-3.1724e+01	3.4801e+00	1.0579e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-2.8797e+01	2.5284e+00	9.9331e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	-4.1730e+01	4.0407e+00	7.5841e+00
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	-4.6613e+01	2.0145e+00	5.4567e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-3.3352e+01	4.0257e+00	6.9647e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	-3.1685e+01	4.2088e+00	8.5402e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	-4.5236e+01	3.0977e+00	7.0321e+00
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.5365e+01	-6.1334e+00	-3.2825e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.9339e+01	-3.8010e+00	-2.5351e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.8586e+01	-2.5473e+00	-2.3766e-01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-2.4610e+01	-4.7680e+00	-9.8504e-01
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.7453e+01	-5.1355e+00	-6.6848e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-2.0969e+01	-4.1452e+00	-5.3362e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-2.0090e+01	-3.6507e+00	-3.7838e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.5610e+01	-5.7369e+00	-5.1324e+00
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.9686e+01	-3.3647e+00	-8.0549e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.3207e+01	-3.5962e+00	-6.4235e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-2.1971e+01	-3.6046e+00	-6.1703e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.7629e+01	-4.3380e+00	-7.8017e+00
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	-3.2590e+01	-1.3997e+00	-7.9842e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-2.6051e+01	-2.6027e+00	-5.8506e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.4259e+01	-2.8776e+00	-6.6663e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	-3.0076e+01	-2.4639e+00	-8.8000e+00

2186 360 0.0000e+00 0.0000e+00 0.0000e+00 -3.6834e+01 9.5394e-01 -6.8789e+00  
371 0.0000e+00 0.0000e+00 0.0000e+00 -2.9786e+01 -1.1668e+00 -3.8972e+00  
372 0.0000e+00 0.0000e+00 0.0000e+00 -2.7258e+01 -1.5984e+00 -5.5835e+00  
361 0.0000e+00 0.0000e+00 0.0000e+00 -3.3344e+01 -3.7724e-01 -8.5652e+00

2187 359 0.0000e+00 0.0000e+00 0.0000e+00 -4.2716e+01 3.7431e+00 -4.7400e+00  
370 0.0000e+00 0.0000e+00 0.0000e+00 -3.4564e+01 6.7285e-01 -7.8619e-01  
371 0.0000e+00 0.0000e+00 0.0000e+00 -3.1267e+01 2.3696e-01 -3.3021e+00  
360 0.0000e+00 0.0000e+00 0.0000e+00 -3.8033e+01 2.1527e+00 -7.2558e+00

2188 358 0.0000e+00 0.0000e+00 0.0000e+00 -4.9858e+01 6.2736e+00 -1.4977e+00  
369 0.0000e+00 0.0000e+00 0.0000e+00 -4.0078e+01 2.4496e+00 3.1035e+00  
370 0.0000e+00 0.0000e+00 0.0000e+00 -3.6270e+01 2.3763e+00 -1.3426e-01  
359 0.0000e+00 0.0000e+00 0.0000e+00 -4.4379e+01 4.9689e+00 -4.7354e+00

2189 357 0.0000e+00 0.0000e+00 0.0000e+00 -5.6762e+01 6.6613e+00 2.4078e+00  
368 0.0000e+00 0.0000e+00 0.0000e+00 -4.5372e+01 3.1774e+00 6.6443e+00  
369 0.0000e+00 0.0000e+00 0.0000e+00 -4.1653e+01 3.9672e+00 3.3461e+00  
358 0.0000e+00 0.0000e+00 0.0000e+00 -5.1931e+01 7.0197e+00 -8.9040e-01

2190 356 0.0000e+00 0.0000e+00 0.0000e+00 -6.1435e+01 2.9079e+00 4.9913e+00  
367 0.0000e+00 0.0000e+00 0.0000e+00 -4.9237e+01 1.9938e+00 7.6520e+00  
368 0.0000e+00 0.0000e+00 0.0000e+00 -4.6205e+01 3.7325e+00 5.9350e+00  
357 0.0000e+00 0.0000e+00 0.0000e+00 -5.9097e+01 6.2211e+00 3.2744e+00

2191 355 0.0000e+00 0.0000e+00 0.0000e+00 -6.5113e+01 -2.3382e+00 3.0216e+00  
366 0.0000e+00 0.0000e+00 0.0000e+00 -5.1359e+01 -2.8727e-01 4.7392e+00  
367 0.0000e+00 0.0000e+00 0.0000e+00 -4.9236e+01 1.4637e+00 5.9356e+00  
356 0.0000e+00 0.0000e+00 0.0000e+00 -6.3769e+01 1.1436e+00 4.2180e+00

2192 353 0.0000e+00 0.0000e+00 0.0000e+00 -3.4781e+01 -1.1030e+01 -4.8560e+00  
364 0.0000e+00 0.0000e+00 0.0000e+00 -2.6791e+01 -7.9863e+00 -4.1375e+00  
365 0.0000e+00 0.0000e+00 0.0000e+00 -2.5803e+01 -6.5757e+00 -1.0490e+00  
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2193 352 0.0000e+00 0.0000e+00 0.0000e+00 -3.6328e+01 -7.1713e+00 -8.7727e+00  
363 0.0000e+00 0.0000e+00 0.0000e+00 -2.9255e+01 -6.2899e+00 -7.2369e+00  
364 0.0000e+00 0.0000e+00 0.0000e+00 -2.7905e+01 -7.1895e+00 -5.6234e+00  
353 0.0000e+00 0.0000e+00 0.0000e+00 -3.4578e+01 -9.5058e+00 -7.1592e+00

2194 351 0.0000e+00 0.0000e+00 0.0000e+00 -3.7223e+01 -4.4117e+00 -1.0111e+01  
362 0.0000e+00 0.0000e+00 0.0000e+00 -3.1761e+01 -3.8787e+00 -8.8457e+00  
363 0.0000e+00 0.0000e+00 0.0000e+00 -3.0148e+01 -5.3533e+00 -8.3097e+00  
352 0.0000e+00 0.0000e+00 0.0000e+00 -3.6282e+01 -5.8826e+00 -9.5750e+00

2195 350 0.0000e+00 0.0000e+00 0.0000e+00 -3.9320e+01 -1.7834e+00 -1.1308e+01  
361 0.0000e+00 0.0000e+00 0.0000e+00 -3.4744e+01 -1.6699e+00 -9.3163e+00  
362 0.0000e+00 0.0000e+00 0.0000e+00 -3.2557e+01 -3.0235e+00 -9.1840e+00  
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2196 349 0.0000e+00 0.0000e+00 0.0000e+00 -4.3632e+01 1.3151e+00 -1.2212e+01  
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350 0.0000e+00 0.0000e+00 0.0000e+00 -4.0101e+01 -4.5883e-01 -1.2502e+01

2197 348 0.0000e+00 0.0000e+00 0.0000e+00 -5.0767e+01 5.2379e+00 -1.2334e+01  
359 0.0000e+00 0.0000e+00 0.0000e+00 -4.5573e+01 3.5846e+00 -7.2182e+00  
360 0.0000e+00 0.0000e+00 0.0000e+00 -4.0962e+01 2.5381e+00 -8.2502e+00  
349 0.0000e+00 0.0000e+00 0.0000e+00 -4.5052e+01 2.9301e+00 -1.3366e+01

2198 347 0.0000e+00 0.0000e+00 0.0000e+00 -6.0937e+01 9.5987e+00 -1.0837e+01  
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359 0.0000e+00 0.0000e+00 0.0000e+00 -4.8083e+01 5.9498e+00 -6.3927e+00  
348 0.0000e+00 0.0000e+00 0.0000e+00 -5.2877e+01 7.0389e+00 -1.3172e+01

2199 346 0.0000e+00 0.0000e+00 0.0000e+00 -7.3104e+01 1.2107e+01 -6.5388e+00  
357 0.0000e+00 0.0000e+00 0.0000e+00 -6.2091e+01 6.2181e+00 7.9065e-01  
358 0.0000e+00 0.0000e+00 0.0000e+00 -5.6722e+01 8.5125e+00 -3.3737e+00  
347 0.0000e+00 0.0000e+00 0.0000e+00 -6.3680e+01 1.0876e+01 -1.0703e+01

2200 345 0.0000e+00 0.0000e+00 0.0000e+00 -8.1247e+01 5.9987e+00 2.5301e-01  
356 0.0000e+00 0.0000e+00 0.0000e+00 -6.8183e+01 1.9238e+00 4.6150e+00  
357 0.0000e+00 0.0000e+00 0.0000e+00 -6.4319e+01 7.1057e+00 3.6947e-01  
346 0.0000e+00 0.0000e+00 0.0000e+00 -7.6307e+01 1.1445e+01 -3.9925e+00

2201 344 0.0000e+00 0.0000e+00 0.0000e+00 -8.5963e+01 -7.6296e+00 2.1106e-01  
355 0.0000e+00 0.0000e+00 0.0000e+00 -7.0289e+01 -4.8031e+00 1.7949e+00  
356 0.0000e+00 0.0000e+00 0.0000e+00 -6.7654e+01 -4.3125e-01 2.8058e+00

	345	0.0000e+00	0.0000e+00	0.0000e+00	-8.5401e+01	3.9176e-01	1.2220e+00
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	-5.0608e+01	-1.9998e+01	-5.9717e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	-3.5753e+01	-1.3665e+01	-6.1139e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	-3.5441e+01	-1.2459e+01	-1.7750e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	-5.1208e+01	-1.4726e+01	-1.6328e+00
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	-4.4910e+01	-1.0621e+01	-7.3667e+00
	352	0.0000e+00	0.0000e+00	0.0000e+00	-3.8576e+01	-7.3156e+00	-8.6172e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	-3.8595e+01	-1.1533e+01	-8.5155e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-4.7415e+01	-8.4289e+00	-7.2650e+00
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	-4.1346e+01	-7.4549e+00	-9.6500e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	-3.8841e+01	-4.5518e+00	-1.0704e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-3.8419e+01	-7.4382e+00	-9.5304e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	-4.3894e+01	-6.8603e+00	-8.4767e+00
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	-4.0955e+01	-5.0897e+00	-1.3477e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-4.0212e+01	-2.0895e+00	-1.2802e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-3.8925e+01	-4.3091e+00	-1.0928e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	-4.0880e+01	-5.0223e+00	-1.1603e+01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	-4.3849e+01	-2.0292e+00	-1.7490e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	-4.4171e+01	9.3361e-01	-1.4694e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-4.1119e+01	-1.2150e+00	-1.2680e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-4.1257e+01	-2.2440e+00	-1.5476e+01
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	-5.0534e+01	2.2594e+00	-2.1273e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-5.1337e+01	4.8572e+00	-1.5950e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	-4.6109e+01	2.6458e+00	-1.4212e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-4.5017e+01	1.7997e+00	-1.9535e+01
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	-6.2226e+01	8.0852e+00	-2.4071e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-6.2234e+01	9.2055e+00	-1.5587e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-5.4643e+01	7.6064e+00	-1.4923e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-5.2695e+01	7.4098e+00	-2.3406e+01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	-8.1534e+01	1.5296e+01	-2.3540e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-7.6218e+01	1.1565e+01	-1.1266e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-6.7474e+01	1.3111e+01	-1.3863e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-6.5504e+01	1.4526e+01	-2.6137e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	-1.0530e+02	2.0249e+01	-1.3154e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-9.0770e+01	4.8483e+00	2.5801e-01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-8.3374e+01	1.6230e+01	-9.5305e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	-8.5625e+01	2.0229e+01	-2.2942e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	-1.1817e+02	-1.5585e+01	-3.5471e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	-9.2257e+01	-1.1208e+01	-8.6817e-01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-9.0227e+01	-9.2691e-02	-2.3608e+00
	325	0.0000e+00	0.0000e+00	0.0000e+00	-1.1479e+02	7.2423e+00	-5.0398e+00
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	-6.4242e+01	9.0161e+00	2.0178e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	-6.6371e+01	-1.7106e+01	3.4141e-01
	343	0.0000e+00	0.0000e+00	0.0000e+00	-3.7338e+01	-2.4458e+01	-2.7299e+00
	5	0.0000e+00	0.0000e+00	0.0000e+00	-1.3331e+02	-4.4494e+01	1.7107e+01
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	-4.5210e+01	-5.8737e+00	4.1443e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	-4.9146e+01	-7.6961e+00	-5.5972e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-5.6827e+01	-1.3888e+01	-9.5716e-01
	342	0.0000e+00	0.0000e+00	0.0000e+00	-5.7190e+01	-2.4907e+01	8.7843e+00
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	-3.6773e+01	-6.6308e+00	-5.1614e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	-4.1858e+01	-7.2088e+00	-9.1222e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	-4.4179e+01	-9.6184e+00	-4.3184e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	-4.2447e+01	-1.9717e+01	-3.5756e-01
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	-3.3365e+01	-4.5682e+00	-1.2916e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-4.0097e+01	-5.2589e+00	-1.3745e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	-3.9245e+01	-7.1616e+00	-9.0797e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-3.5891e+01	-1.7099e+01	-8.2500e+00
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	-3.3299e+01	-5.8640e-01	-2.0242e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-4.2245e+01	-2.1184e+00	-1.8600e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-3.8475e+01	-4.2078e+00	-1.3899e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	-3.3757e+01	-1.5057e+01	-1.5540e+01
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-3.6372e+01	5.3736e+00	-2.7810e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-4.8369e+01	2.4590e+00	-2.3532e+01

	333	0.0000e+00	0.0000e+00	0.0000e+00	-4.1233e+01	-1.1721e-01	-1.8580e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-3.4875e+01	-1.2847e+01	-2.2857e+01
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-4.3467e+01	1.3563e+01	-3.6193e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-5.9812e+01	8.6942e+00	-2.8319e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-4.8014e+01	5.6873e+00	-2.2936e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-3.9372e+01	-9.8491e+00	-3.0810e+01
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-5.7720e+01	2.3909e+01	-4.6028e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-8.0294e+01	1.6169e+01	-3.1892e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-6.0875e+01	1.3978e+01	-2.6191e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-4.8607e+01	-5.0607e+00	-4.0327e+01
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-8.8171e+01	3.4248e+01	-5.6936e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-1.2312e+02	1.7876e+01	-2.8129e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-8.6367e+01	2.7113e+01	-2.4661e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-6.6782e+01	3.8689e+00	-5.3469e+01
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7098e+02	2.5008e+01	-5.0255e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-1.0620e+02	-2.8246e+01	1.2127e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-1.4457e+02	2.4991e+01	-2.0726e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	-1.0669e+02	3.6845e+01	-8.3108e+01
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	2.5755e+02	9.4396e+00	2.3412e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	1.1451e+02	-1.3070e+02	2.0741e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	7.1661e+02	1.8317e+02	1.4588e+02
	314	0.0000e+00	0.0000e+00	0.0000e+00	2.6830e+01	1.6497e+02	-3.8122e+01
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	9.0139e+01	-3.9211e+01	1.4352e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	5.7976e+01	-1.8064e+01	6.3848e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	6.1004e+01	2.2621e+01	8.9643e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	1.8701e+02	-7.3531e+00	4.0147e+01
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	4.7796e+01	-2.2125e+01	1.5994e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	3.4985e+01	-1.3370e+01	3.2582e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	4.5190e+01	1.8601e+00	4.8481e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	7.1070e+01	-2.0894e+01	3.1893e+01
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	3.2804e+01	-1.9937e+01	6.9766e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	2.8250e+01	-1.1688e+01	1.2637e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	3.0000e+01	-6.3127e+00	2.3791e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	4.2479e+01	-2.0170e+01	1.8131e+01
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	2.9666e+01	-2.0005e+01	-2.7677e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	2.6544e+01	-1.1382e+01	-1.8827e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	2.6757e+01	-9.9803e+00	7.3521e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	3.1239e+01	-1.9659e+01	6.4671e+00
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	3.4763e+01	-2.1655e+01	-1.3828e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	2.7902e+01	-1.0151e+01	-1.6660e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	2.6994e+01	-1.1978e+01	-6.6785e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	2.9956e+01	-2.0256e+01	-3.8463e+00
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	5.1929e+01	-2.4893e+01	-2.7794e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	3.3008e+01	-6.8589e+00	-3.6372e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	3.0484e+01	-1.3417e+01	-2.2658e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	3.7141e+01	-2.2561e+01	-1.4080e+01
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	9.2301e+01	-2.9343e+01	-4.5528e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	5.3536e+01	1.8729e+00	-6.8643e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	4.0001e+01	-1.7433e+01	-4.7523e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	5.9181e+01	-2.8072e+01	-2.4408e+01
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	2.5511e+02	-1.6894e+01	-5.5837e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	7.3227e+01	2.4755e+01	-1.2468e+02
	316	0.0000e+00	0.0000e+00	0.0000e+00	7.0794e+01	-2.6945e+01	-8.9235e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	1.1859e+02	-5.5546e+01	-2.0390e+01
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	4.3734e+01	2.3000e+02	7.6213e+01
	13	0.0000e+00	0.0000e+00	0.0000e+00	9.9484e+02	2.0424e+02	-1.8929e+02
	315	0.0000e+00	0.0000e+00	0.0000e+00	1.4384e+02	-1.8379e+02	-2.9336e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	3.5887e+02	-3.2921e+00	-2.7864e+01
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	5.8260e+01	4.6385e+01	-1.9792e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	1.4013e+02	5.3906e+01	-2.4036e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	1.3413e+02	1.0212e+02	-5.2113e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	5.5696e+01	7.2337e+01	-9.6666e-01
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	6.7095e+01	-1.9747e+01	-8.5308e+00

	312	0.0000e+00	0.0000e+00	0.0000e+00	8.0146e+01	-2.0059e+01	1.0885e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	1.1101e+02	-2.2480e+01	-1.1163e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	7.5422e+01	2.0904e+01	-3.0579e+01
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	4.6133e+01	-2.5304e+01	-1.8340e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	4.9287e+01	-2.4244e+01	1.5089e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	7.4452e+01	-2.2727e+01	1.0822e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	5.5125e+01	-1.3210e+01	-6.1010e+00
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	3.2539e+01	-2.5919e+01	-6.4482e-01
	310	0.0000e+00	0.0000e+00	0.0000e+00	3.5132e+01	-2.3028e+01	7.4978e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	4.4599e+01	-2.1848e+01	9.1212e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	3.9507e+01	-2.2174e+01	9.7858e-01
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	2.8875e+01	-2.5885e+01	-1.8750e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	3.1588e+01	-2.2662e+01	-4.3922e-01
	310	0.0000e+00	0.0000e+00	0.0000e+00	3.3299e+01	-2.1947e+01	2.5790e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	3.0062e+01	-2.4705e+01	1.1432e+00
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	3.4333e+01	-2.6513e+01	-3.4192e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	3.7296e+01	-2.3618e+01	-8.2959e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	3.2238e+01	-2.3430e+01	-5.2446e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	2.9548e+01	-2.6582e+01	-3.6796e-01
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	5.0113e+01	-2.5975e+01	-2.3121e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	5.5253e+01	-2.6261e+01	-1.5280e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	4.0643e+01	-2.6440e+01	-1.3940e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	3.8549e+01	-2.9381e+01	-9.7203e-01
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	7.3817e+01	-1.6558e+01	8.9051e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	9.8470e+01	-3.0775e+01	-1.6014e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	6.2145e+01	-3.0906e+01	-2.2906e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	5.9846e+01	-3.1464e+01	2.0130e+00
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	1.0339e+02	2.9274e+01	4.6975e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	1.5375e+02	-3.5595e+01	1.7685e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	1.0638e+02	-2.9204e+01	-1.6013e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	9.1641e+01	-2.7290e+01	1.3277e+01
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	7.3632e+01	1.0430e+02	1.0235e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	1.8231e+02	1.4572e+02	1.9231e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	1.9360e+02	6.6157e+01	4.0925e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	8.0503e+01	6.4580e+01	3.1929e+01
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	1.5326e+01	2.8612e+01	-1.4183e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	5.4840e+01	3.6552e+01	-1.8608e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	4.7311e+01	5.6933e+01	-4.8010e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	1.3923e+01	3.7511e+01	-3.7598e-01
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	2.4233e+01	-9.0243e-01	-1.5161e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	5.1042e+01	-9.2615e+00	-1.8011e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	4.7054e+01	1.6218e+01	-2.2472e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	2.2467e+01	1.6699e+01	-1.9621e+01
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	2.2792e+01	-1.7218e+01	-1.0317e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	3.7538e+01	-2.1323e+01	-4.9513e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	4.7279e+01	-1.5540e+01	-1.2211e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	2.3882e+01	-5.2583e+00	-1.7577e+01
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	1.7903e+01	-2.2516e+01	-4.9896e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	2.8387e+01	-2.5097e+01	-6.4124e-01
	301	0.0000e+00	0.0000e+00	0.0000e+00	3.4893e+01	-2.3507e+01	-5.0910e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	2.0174e+01	-1.7269e+01	-9.4394e+00
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	1.6123e+01	-2.3695e+01	-1.9132e-01
	299	0.0000e+00	0.0000e+00	0.0000e+00	2.6062e+01	-2.6374e+01	5.6708e-01
	300	0.0000e+00	0.0000e+00	0.0000e+00	2.7226e+01	-2.5563e+01	-2.4650e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	1.6490e+01	-2.2233e+01	-3.2234e+00
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	1.9069e+01	-2.2904e+01	5.4023e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	3.1309e+01	-2.7469e+01	1.8739e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	2.6528e+01	-2.6827e+01	-1.6801e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	1.6729e+01	-2.4347e+01	1.8482e+00
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	2.6017e+01	-1.8229e+01	1.3881e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	4.4477e+01	-2.7432e+01	6.3666e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	3.3488e+01	-2.7788e+01	7.1045e-02
	288	0.0000e+00	0.0000e+00	0.0000e+00	2.1838e+01	-2.4513e+01	7.5857e+00



2249	286	0.0000e+00	0.0000e+00	0.0000e+00	3.2051e+01	-3.4952e+00	2.6258e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	6.3454e+01	-1.9288e+01	1.7843e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	4.8355e+01	-2.5270e+01	6.8227e+00
	287	0.0000e+00	0.0000e+00	0.0000e+00	3.0165e+01	-1.9222e+01	1.5238e+01
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	2.9839e+01	2.6180e+01	3.1051e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	6.3451e+01	2.3263e+01	3.5063e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	6.8628e+01	-1.1028e+01	2.7128e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	3.2761e+01	1.7828e+00	2.3115e+01
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	1.5352e+01	5.6306e+01	4.7902e+00
	195	0.0000e+00	0.0000e+00	0.0000e+00	6.0572e+01	8.3587e+01	1.3385e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	7.4207e+01	5.2464e+01	3.1817e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	1.9063e+01	4.3216e+01	2.3222e+01
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.1694e+01	1.4843e+01	-9.9616e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	1.2177e+01	2.1333e+01	-1.2035e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	8.8634e+00	2.9527e+01	-3.2772e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.2566e+01	1.8660e+01	-1.2036e+00
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	-6.8974e+00	1.4654e+00	-1.4337e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	1.5551e+01	-7.7353e-01	-1.8056e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	9.5835e+00	1.3410e+01	-1.7262e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-8.4367e+00	9.5986e+00	-1.3543e+01
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	-4.2226e+00	-9.7637e+00	-1.1969e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	1.3907e+01	-1.4647e+01	-1.2533e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	1.3507e+01	-6.7895e+00	-1.7055e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-4.9610e+00	-2.7112e+00	-1.6491e+01
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	-4.3149e+00	-1.5378e+01	-6.3007e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	1.0845e+01	-2.0782e+01	-5.3632e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	1.2495e+01	-1.7665e+01	-1.1217e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-4.0736e+00	-1.1468e+01	-1.2155e+01
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	-4.8591e+00	-1.6852e+01	8.4267e-01
	289	0.0000e+00	0.0000e+00	0.0000e+00	9.8977e+00	-2.2934e+01	1.1067e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	1.0137e+01	-2.1809e+01	-4.9518e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	-4.5656e+00	-1.5885e+01	-5.2158e+00
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	-4.5208e+00	-1.5371e+01	9.0805e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	1.2207e+01	-2.2831e+01	7.9428e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	1.0011e+01	-2.2933e+01	1.2627e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	-4.6212e+00	-1.7154e+01	2.4004e+00
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	-4.0090e+00	-1.0082e+01	1.7956e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	1.6572e+01	-1.8864e+01	1.6351e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	1.3182e+01	-2.1618e+01	8.7555e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	-3.8601e+00	-1.5348e+01	1.0361e+01
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	-5.7744e+00	9.7295e-01	2.4379e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	1.8251e+01	-5.4263e+00	2.5245e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	1.8374e+01	-1.4950e+01	1.8665e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	-4.1497e+00	-8.3083e+00	1.7799e+01
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	-1.1609e+01	1.6999e+01	2.0870e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	1.1831e+01	2.1952e+01	2.6770e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	2.0879e+01	2.7705e+00	2.7436e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	-8.7495e+00	6.4021e+00	2.1537e+01
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.9375e+01	2.8694e+01	2.8767e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	8.4859e+00	4.5333e+01	7.4000e+00
	285	0.0000e+00	0.0000e+00	0.0000e+00	1.5268e+01	3.3207e+01	2.0230e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	-1.7028e+01	2.4419e+01	1.5707e+01
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	-3.3969e+01	5.1012e+00	-7.4509e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.5633e+01	9.8966e+00	-8.5171e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.7151e+01	1.3525e+01	-2.7440e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	-3.4604e+01	6.8788e+00	-1.6778e+00
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	-3.1630e+01	-1.9431e-01	-1.2249e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.2652e+01	-5.3330e-01	-1.4582e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.6700e+01	6.7362e+00	-1.2816e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-3.2292e+01	2.8983e+00	-1.0483e+01
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	-2.9481e+01	-5.3464e+00	-1.1446e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.1456e+01	-9.3603e+00	-1.2816e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.3829e+01	-3.7495e+00	-1.5492e+01

272 0.0000e+00 0.0000e+00 0.0000e+00 -2.9874e+01 -2.4603e+00 -1.4122e+01

2265 270 0.0000e+00 0.0000e+00 0.0000e+00 -2.8794e+01 -8.3152e+00 -6.5987e+00  
280 0.0000e+00 0.0000e+00 0.0000e+00 -1.1871e+01 -1.4204e+01 -6.7479e+00  
281 0.0000e+00 0.0000e+00 0.0000e+00 -1.2398e+01 -1.1338e+01 -1.2093e+01  
271 0.0000e+00 0.0000e+00 0.0000e+00 -2.8569e+01 -6.6339e+00 -1.1944e+01

2266 269 0.0000e+00 0.0000e+00 0.0000e+00 -2.9430e+01 -8.8504e+00 5.2291e-01  
279 0.0000e+00 0.0000e+00 0.0000e+00 -1.2574e+01 -1.5820e+01 9.8213e-01  
280 0.0000e+00 0.0000e+00 0.0000e+00 -1.2496e+01 -1.4883e+01 -5.6367e+00  
270 0.0000e+00 0.0000e+00 0.0000e+00 -2.8580e+01 -8.7353e+00 -6.0959e+00

2267 268 0.0000e+00 0.0000e+00 0.0000e+00 -3.1001e+01 -7.2489e+00 8.6284e+00  
278 0.0000e+00 0.0000e+00 0.0000e+00 -1.3008e+01 -1.4789e+01 9.3966e+00  
279 0.0000e+00 0.0000e+00 0.0000e+00 -1.2847e+01 -1.5410e+01 2.2261e+00  
269 0.0000e+00 0.0000e+00 0.0000e+00 -2.9611e+01 -8.7388e+00 1.4579e+00

2268 267 0.0000e+00 0.0000e+00 0.0000e+00 -3.3538e+01 -3.6084e+00 1.6050e+01  
277 0.0000e+00 0.0000e+00 0.0000e+00 -1.4006e+01 -1.0200e+01 1.7540e+01  
278 0.0000e+00 0.0000e+00 0.0000e+00 -1.2859e+01 -1.3224e+01 1.0847e+01  
268 0.0000e+00 0.0000e+00 0.0000e+00 -3.1677e+01 -6.5505e+00 9.3566e+00

2269 266 0.0000e+00 0.0000e+00 0.0000e+00 -3.7338e+01 1.8535e+00 1.9574e+01  
276 0.0000e+00 0.0000e+00 0.0000e+00 -1.7249e+01 -4.1501e-01 2.2557e+01  
277 0.0000e+00 0.0000e+00 0.0000e+00 -1.3329e+01 -7.1520e+00 1.8745e+01  
267 0.0000e+00 0.0000e+00 0.0000e+00 -3.5237e+01 -1.8659e+00 1.5762e+01

2270 265 0.0000e+00 0.0000e+00 0.0000e+00 -4.2029e+01 7.6992e+00 1.5093e+01  
275 0.0000e+00 0.0000e+00 0.0000e+00 -2.2685e+01 1.3182e+01 1.9217e+01  
276 0.0000e+00 0.0000e+00 0.0000e+00 -1.6027e+01 4.0457e+00 2.1621e+01  
266 0.0000e+00 0.0000e+00 0.0000e+00 -4.0364e+01 4.7642e+00 1.7497e+01

2271 162 0.0000e+00 0.0000e+00 0.0000e+00 -4.6354e+01 1.0393e+01 1.9876e+00  
173 0.0000e+00 0.0000e+00 0.0000e+00 -2.4737e+01 2.1477e+01 4.2458e+00  
275 0.0000e+00 0.0000e+00 0.0000e+00 -2.1340e+01 1.7280e+01 1.3324e+01  
265 0.0000e+00 0.0000e+00 0.0000e+00 -4.5194e+01 1.0373e+01 1.1066e+01

2272 263 0.0000e+00 0.0000e+00 0.0000e+00 -5.5653e+01 -2.7383e+00 -6.0535e+00  
273 0.0000e+00 0.0000e+00 0.0000e+00 -3.8360e+01 1.2780e+00 -6.7574e+00  
274 0.0000e+00 0.0000e+00 0.0000e+00 -3.9248e+01 2.9071e+00 -2.2020e+00  
264 0.0000e+00 0.0000e+00 0.0000e+00 -5.6185e+01 -2.1046e+00 -1.4981e+00

2273 262 0.0000e+00 0.0000e+00 0.0000e+00 -5.4775e+01 -2.7037e+00 -1.1038e+01  
272 0.0000e+00 0.0000e+00 0.0000e+00 -3.6792e+01 -2.4967e+00 -1.2021e+01  
273 0.0000e+00 0.0000e+00 0.0000e+00 -3.9072e+01 2.8563e-01 -1.0220e+01  
263 0.0000e+00 0.0000e+00 0.0000e+00 -5.4479e+01 -3.0769e+00 -9.2368e+00

2274 261 0.0000e+00 0.0000e+00 0.0000e+00 -5.3561e+01 -2.7013e+00 -1.0915e+01  
271 0.0000e+00 0.0000e+00 0.0000e+00 -3.5948e+01 -5.8437e+00 -1.1686e+01  
272 0.0000e+00 0.0000e+00 0.0000e+00 -3.7733e+01 -3.5205e+00 -1.3541e+01  
262 0.0000e+00 0.0000e+00 0.0000e+00 -5.3333e+01 -2.9866e+00 -1.2770e+01

2275 260 0.0000e+00 0.0000e+00 0.0000e+00 -5.3131e+01 -2.5686e+00 -7.0599e+00  
270 0.0000e+00 0.0000e+00 0.0000e+00 -3.6136e+01 -7.7509e+00 -7.0908e+00  
271 0.0000e+00 0.0000e+00 0.0000e+00 -3.6727e+01 -6.5158e+00 -1.1571e+01  
261 0.0000e+00 0.0000e+00 0.0000e+00 -5.2602e+01 -2.8185e+00 -1.1540e+01

2276 259 0.0000e+00 0.0000e+00 0.0000e+00 -5.4398e+01 -1.6720e+00 -1.1564e+00  
269 0.0000e+00 0.0000e+00 0.0000e+00 -3.7385e+01 -8.0217e+00 -1.2748e-01  
270 0.0000e+00 0.0000e+00 0.0000e+00 -3.6802e+01 -7.7712e+00 -6.0512e+00  
260 0.0000e+00 0.0000e+00 0.0000e+00 -5.2905e+01 -2.3811e+00 -7.0801e+00

2277 258 0.0000e+00 0.0000e+00 0.0000e+00 -5.7571e+01 1.0066e-01 5.6239e+00  
268 0.0000e+00 0.0000e+00 0.0000e+00 -3.9720e+01 -6.6587e+00 7.7609e+00  
269 0.0000e+00 0.0000e+00 0.0000e+00 -3.8046e+01 -7.2529e+00 1.2733e+00  
259 0.0000e+00 0.0000e+00 0.0000e+00 -5.4931e+01 -1.1551e+00 -8.6366e-01

2278 257 0.0000e+00 0.0000e+00 0.0000e+00 -6.2049e+01 1.9711e+00 1.1916e+01  
267 0.0000e+00 0.0000e+00 0.0000e+00 -4.3154e+01 -3.6631e+00 1.4898e+01  
268 0.0000e+00 0.0000e+00 0.0000e+00 -4.0273e+01 -5.1847e+00 9.0066e+00  
258 0.0000e+00 0.0000e+00 0.0000e+00 -5.8911e+01 8.5718e-01 6.0240e+00

2279 256 0.0000e+00 0.0000e+00 0.0000e+00 -6.6505e+01 2.3570e+00 1.5227e+01  
266 0.0000e+00 0.0000e+00 0.0000e+00 -4.7299e+01 5.5409e-01 1.8353e+01  
267 0.0000e+00 0.0000e+00 0.0000e+00 -4.3247e+01 -1.8578e+00 1.5139e+01  
257 0.0000e+00 0.0000e+00 0.0000e+00 -6.4248e+01 2.7091e+00 1.2013e+01

2280 255 0.0000e+00 0.0000e+00 0.0000e+00 -6.9611e+01 4.9273e-02 1.2230e+01  
265 0.0000e+00 0.0000e+00 0.0000e+00 -5.0894e+01 4.3433e+00 1.4491e+01

	266	0.0000e+00	0.0000e+00	0.0000e+00	-4.6641e+01	2.0418e+00	1.6371e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-6.9301e+01	2.6084e+00	1.4110e+01
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	-7.1958e+01	-3.7389e+00	1.7166e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	-5.1566e+01	4.8714e+00	2.5010e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	-4.9893e+01	4.8169e+00	9.5245e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	-7.2048e+01	-4.9199e-01	8.7400e+00
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	-7.9492e+01	-1.0561e+01	-5.3410e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	-6.0355e+01	-6.3664e+00	-5.9303e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	-6.1121e+01	-5.9530e+00	-1.1982e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	-7.9915e+01	-1.1137e+01	-6.0886e-01
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	-7.8824e+01	-5.0083e+00	-1.0503e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-6.0113e+01	-4.8849e+00	-1.0678e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-6.1290e+01	-5.7675e+00	-9.1237e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-7.8000e+01	-8.7247e+00	-8.9490e+00
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	-7.6768e+01	-9.5905e-01	-1.0090e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-5.9892e+01	-3.2740e+00	-1.0830e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-6.0928e+01	-4.3352e+00	-1.2508e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-7.7226e+01	-3.3238e+00	-1.1768e+01
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	-7.5452e+01	1.3448e+00	-7.4048e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	-6.0053e+01	-2.2730e+00	-7.6389e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	-6.0287e+01	-3.1016e+00	-1.1068e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-7.5691e+01	7.6538e-02	-1.0834e+01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	-7.6918e+01	3.4135e+00	-3.8740e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	-6.1772e+01	-1.1810e+00	-2.4412e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	-6.0568e+01	-1.8529e+00	-6.7873e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	-7.5231e+01	2.1657e+00	-8.2201e+00
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	-8.1855e+01	5.8657e+00	4.2726e-01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-6.5633e+01	3.8257e-01	3.8802e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	-6.2809e+01	-6.1097e-02	-1.1344e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	-7.7710e+01	4.3939e+00	-4.5874e+00
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	-8.9369e+01	7.5145e+00	5.5211e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	-7.1066e+01	1.7082e+00	1.0303e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-6.7118e+01	2.0510e+00	4.9694e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	-8.3665e+01	6.8153e+00	1.8727e-01
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	-9.6441e+01	4.9568e+00	1.0352e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-7.6209e+01	1.0669e+00	1.4474e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-7.2300e+01	2.9909e+00	1.0224e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-9.2030e+01	7.5226e+00	6.1024e+00
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	-9.9309e+01	-5.0382e+00	1.1096e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	-7.8793e+01	-2.9639e+00	1.2307e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-7.6087e+01	5.5210e-01	1.2214e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-9.9571e+01	2.8114e+00	1.1003e+01
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	-1.0046e+02	-1.6898e+01	2.2996e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	-7.7824e+01	-8.7561e+00	1.7053e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	-7.7252e+01	-5.4272e+00	7.7754e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	-1.0223e+02	-9.3153e+00	8.3696e+00
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	-1.0910e+02	-1.9373e+01	-4.8861e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-8.4267e+01	-1.4682e+01	-5.4763e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	-8.5216e+01	-1.5814e+01	4.7825e-01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.0934e+02	-2.2925e+01	1.0685e+00
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	-1.0466e+02	-4.9775e+00	-8.1578e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	-8.5093e+01	-6.3411e+00	-9.1613e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-8.6101e+01	-1.1821e+01	-9.1518e+00
	243	0.0000e+00	0.0000e+00	0.0000e+00	-1.0568e+02	-1.3203e+01	-8.1483e+00
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	-9.6851e+01	8.2917e-03	-5.9847e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	-8.3210e+01	-7.8855e-01	-9.3696e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	-8.4797e+01	-5.2970e+00	-1.1233e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-1.0210e+02	-2.4018e+00	-7.8476e+00
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	-9.2026e+01	2.3445e+00	-6.0831e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	-8.1317e+01	1.6274e+00	-8.0477e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	-8.2218e+01	-9.6337e-01	-9.5030e+00
	241	0.0000e+00	0.0000e+00	0.0000e+00	-9.5090e+01	1.2037e+00	-7.5384e+00
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	-9.2522e+01	4.7804e+00	-7.0845e+00

	249	0.0000e+00	0.0000e+00	0.0000e+00	-8.2575e+01	3.4641e+00	-5.8862e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	-8.1173e+01	1.9003e+00	-7.2151e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	-9.1507e+01	3.2176e+00	-8.4133e+00
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	-9.9161e+01	8.3899e+00	-7.5142e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	-8.8025e+01	5.6122e+00	-2.6205e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	-8.3847e+01	4.8915e+00	-4.6196e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	-9.3462e+01	6.0756e+00	-9.5132e+00
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	-1.1178e+02	1.2337e+01	-5.7319e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	-9.6994e+01	6.8248e+00	2.3954e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	-9.0789e+01	8.1413e+00	-1.2982e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	-1.0158e+02	9.9489e+00	-9.4255e+00
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	-1.2779e+02	1.2214e+01	1.8307e-01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-1.0630e+02	3.5050e+00	9.0992e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	-1.0065e+02	9.3598e+00	2.9721e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	-1.1545e+02	1.2793e+01	-5.9440e+00
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	-1.3568e+02	-3.8672e+00	9.1663e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	-1.1101e+02	-7.7767e+00	1.2198e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-1.0834e+02	2.9644e+00	7.1374e+00
	236	0.0000e+00	0.0000e+00	0.0000e+00	-1.3223e+02	9.0846e+00	4.1054e+00
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	-1.3738e+02	-3.1114e+01	4.2286e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	-1.0785e+02	-2.2374e+01	2.1318e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	-1.0801e+02	-1.4087e+01	7.3462e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	-1.4146e+02	-1.5681e+01	9.4431e+00
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	-1.5494e+02	-3.0710e+01	-1.4501e+00
	243	0.0000e+00	0.0000e+00	0.0000e+00	-1.1386e+02	-2.4072e+01	-4.3883e+00
	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.1604e+02	-3.0132e+01	2.2508e+00
	234	0.0000e+00	0.0000e+00	0.0000e+00	-1.5869e+02	-3.6651e+01	5.1889e+00
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	-1.2601e+02	-5.3658e+00	7.2694e+00
	242	0.0000e+00	0.0000e+00	0.0000e+00	-1.1297e+02	-2.2589e+00	-3.9934e+00
	243	0.0000e+00	0.0000e+00	0.0000e+00	-1.1869e+02	-1.7331e+01	-1.0035e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-1.4302e+02	-2.2508e+00	1.2276e+00
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	-1.0615e+02	-2.5664e+00	5.8474e+00
	241	0.0000e+00	0.0000e+00	0.0000e+00	-1.0214e+02	1.2108e+00	-4.4881e+00
	242	0.0000e+00	0.0000e+00	0.0000e+00	-1.0793e+02	-5.2936e+00	-4.4783e+00
	230	0.0000e+00	0.0000e+00	0.0000e+00	-1.2122e+02	-1.5357e+00	5.8572e+00
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	-9.6046e+01	-2.4744e+00	-1.6941e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	-9.4891e+01	2.2589e+00	-6.8969e+00
	241	0.0000e+00	0.0000e+00	0.0000e+00	-9.8619e+01	-8.5470e-01	-3.7980e+00
	228	0.0000e+00	0.0000e+00	0.0000e+00	-1.0282e+02	-2.2629e+00	1.4048e+00
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	-9.4442e+01	-8.4451e-01	-1.0134e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-9.4401e+01	4.0389e+00	-9.9980e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	-9.3865e+01	1.8164e+00	-6.0671e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	-9.4703e+01	-1.0905e+00	-6.2035e+00
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	-1.0130e+02	3.1213e+00	-1.8223e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-1.0111e+02	7.3338e+00	-1.2564e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-9.5839e+01	5.4428e+00	-8.9560e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	-9.5151e+01	2.5048e+00	-1.4614e+01
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	-1.1810e+02	9.5810e+00	-2.4499e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-1.1523e+02	1.0979e+01	-1.2675e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-1.0531e+02	1.0724e+01	-1.0936e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-1.0415e+02	8.6763e+00	-2.2761e+01
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	-1.4885e+02	1.7867e+01	-2.4756e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-1.3468e+02	1.0283e+01	-6.2058e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	-1.2292e+02	1.6330e+01	-1.0265e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-1.2318e+02	1.6790e+01	-2.8815e+01
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	-1.8589e+02	2.1279e+01	-7.5274e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	-1.5429e+02	-7.1743e+00	1.2015e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-1.4533e+02	1.6643e+01	-4.4495e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	-1.5541e+02	2.0820e+01	-2.3992e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	-2.0330e+02	-4.6952e+01	5.1903e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	-1.4852e+02	-3.9037e+01	5.0073e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	-1.4976e+02	-1.8698e+01	5.3564e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	-2.0244e+02	-1.1475e+01	5.5394e+00

2312	233	0.0000e+00	0.0000e+00	0.0000e+00	-1.7463e+02	4.0571e+01	9.2027e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-2.0072e+02	-1.5281e+01	1.9896e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-1.2555e+02	-6.0804e+01	-6.0073e+00
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.9538e+02	-6.5321e+01	6.6124e+01
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	-1.1693e+02	-4.3138e+00	4.6881e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-1.3456e+02	3.9124e+00	1.2150e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-1.7027e+02	-1.3077e+01	2.1864e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	-1.5133e+02	-2.4101e+01	5.6595e+01
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	-9.0591e+01	-1.0805e+01	2.3477e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-1.0514e+02	-2.4439e+00	7.4779e+00
	230	0.0000e+00	0.0000e+00	0.0000e+00	-1.2141e+02	-5.6755e+00	1.8748e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	-1.0661e+02	-1.9650e+01	3.4747e+01
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	-7.8288e+01	-1.0650e+01	5.1226e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	-9.2735e+01	-3.8373e+00	-1.8393e+00
	228	0.0000e+00	0.0000e+00	0.0000e+00	-9.9302e+01	-5.4151e+00	8.8630e+00
	229	0.0000e+00	0.0000e+00	0.0000e+00	-8.5773e+01	-1.9813e+01	1.5825e+01
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-7.4519e+01	-6.9378e+00	-1.1334e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-9.0480e+01	-2.2810e+00	-1.2094e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-8.9718e+01	-4.0960e+00	-1.7386e+00
	227	0.0000e+00	0.0000e+00	0.0000e+00	-7.6816e+01	-1.9961e+01	-9.7827e-01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-7.7985e+01	-3.4326e-01	-2.7575e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-9.7072e+01	2.0229e+00	-2.2565e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-8.9204e+01	-4.9698e-01	-1.2093e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-7.5741e+01	-1.8884e+01	-1.7103e+01
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-8.9931e+01	9.0023e+00	-4.4894e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-1.1424e+02	8.9089e+00	-3.2766e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-9.7609e+01	6.0605e+00	-2.1775e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-8.2081e+01	-1.5815e+01	-3.3903e+01
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-1.1611e+02	2.0356e+01	-6.4635e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-1.4823e+02	1.7065e+01	-4.0757e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-1.1810e+02	1.6516e+01	-2.9405e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-9.8052e+01	-9.2722e+00	-5.3283e+01
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-1.7354e+02	2.8756e+01	-8.6317e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-2.2278e+02	1.3179e+01	-3.5447e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-1.6220e+02	3.4699e+01	-2.8323e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-1.3146e+02	5.0029e+00	-7.9193e+01
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.2147e+02	-5.6783e+00	-7.7542e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-1.7454e+02	-7.4776e+01	3.3580e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-2.6508e+02	2.0076e+01	-2.4848e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	-2.0665e+02	6.6773e+01	-1.3597e+02
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	3.8529e+02	3.8737e+01	2.8063e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	1.7102e+02	-2.0377e+02	2.9230e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	1.0127e+03	2.7919e+02	2.0583e+02
	206	0.0000e+00	0.0000e+00	0.0000e+00	2.8439e+01	2.2519e+02	-5.8408e+01
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	1.4503e+02	-6.0870e+01	1.4438e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	9.1128e+01	-2.6750e+01	9.2655e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	8.6996e+01	4.0844e+01	1.2412e+02
	205	0.0000e+00	0.0000e+00	0.0000e+00	2.9268e+02	6.3787e+00	4.5899e+01
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	7.6030e+01	-3.0586e+01	2.0209e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	5.3518e+01	-1.9777e+01	5.0243e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	7.3108e+01	1.0422e+01	7.2565e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	1.1155e+02	-2.7432e+01	4.2531e+01
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	4.8764e+01	-2.6410e+01	9.0065e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	4.1639e+01	-1.5332e+01	2.0204e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	4.5210e+01	-3.8030e+00	3.6144e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	6.5740e+01	-2.7475e+01	2.4947e+01
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	3.9198e+01	-2.5306e+01	-3.0446e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	3.8147e+01	-1.5222e+01	4.8460e-01
	212	0.0000e+00	0.0000e+00	0.0000e+00	3.8701e+01	-1.0211e+01	1.2500e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	4.5120e+01	-2.6320e+01	8.9706e+00
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	3.8558e+01	-2.5556e+01	-1.4886e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	3.8832e+01	-1.5108e+01	-1.5645e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	3.7484e+01	-1.3894e+01	-5.3751e+00

	201	0.0000e+00	0.0000e+00	0.0000e+00	3.8512e+01	-2.5834e+01	-4.6154e+00
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	4.5490e+01	-2.5608e+01	-2.6464e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	4.2442e+01	-1.3682e+01	-3.1013e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	3.9687e+01	-1.6017e+01	-2.1002e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	3.9899e+01	-2.5915e+01	-1.6453e+01
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	6.0032e+01	-2.3606e+01	-3.7564e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	5.2941e+01	-8.9561e+00	-4.7669e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	4.5063e+01	-1.7642e+01	-3.7270e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	4.9369e+01	-2.5662e+01	-2.7165e+01
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	1.1443e+02	-8.5417e+00	-4.2178e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	5.1856e+01	5.5411e-01	-6.3184e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	5.6960e+01	-1.5674e+01	-5.2835e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	7.0777e+01	-2.9141e+01	-3.1828e+01
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	-5.1634e+00	5.3343e+01	-2.5585e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	2.9449e+02	5.4783e+01	-7.2746e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	6.9235e+01	-5.1970e+01	-1.0049e+02
	197	0.0000e+00	0.0000e+00	0.0000e+00	1.3356e+02	9.9586e+00	-5.3332e+01
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	7.3534e+01	7.1078e+01	-3.5592e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	1.9286e+02	1.0451e+02	-4.0805e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	1.8267e+02	1.3711e+02	-1.2017e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	7.4167e+01	1.0779e+02	-6.8043e+00
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	9.4020e+01	-1.6831e+01	-1.8433e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	1.2027e+02	-2.0537e+01	3.1562e+00
	205	0.0000e+00	0.0000e+00	0.0000e+00	1.5470e+02	-2.5752e+01	-2.7775e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	9.9204e+01	3.7972e+01	-4.9364e+01
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	6.9202e+01	-3.2271e+01	-9.2604e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	7.5453e+01	-3.1028e+01	1.6531e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	1.1172e+02	-3.1865e+01	7.9988e+00
	193	0.0000e+00	0.0000e+00	0.0000e+00	8.0260e+01	-1.2022e+01	-1.7793e+01
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	4.7368e+01	-3.5058e+01	-7.0090e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	5.2228e+01	-3.0728e+01	7.9702e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	6.7879e+01	-2.9909e+01	9.1538e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	5.9201e+01	-2.8160e+01	-5.8254e+00
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	3.6392e+01	-3.4509e+01	-8.7905e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	4.1919e+01	-2.9855e+01	-2.1619e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	4.8267e+01	-2.8856e+01	1.7180e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	4.2207e+01	-3.2660e+01	-4.9107e+00
2337	189	0.0000e+00	0.0000e+00	0.0000e+00	3.4321e+01	-3.3618e+01	-1.2125e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	4.0693e+01	-2.9252e+01	-1.1893e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	4.0635e+01	-2.8974e+01	-7.6460e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	3.4804e+01	-3.3867e+01	-7.8775e+00
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	4.0239e+01	-3.1215e+01	-1.4861e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	4.7123e+01	-2.8398e+01	-2.0347e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	4.1668e+01	-2.9408e+01	-1.6920e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	3.5628e+01	-3.4060e+01	-1.1434e+01
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	5.1108e+01	-2.3546e+01	-1.4557e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	6.4764e+01	-2.5221e+01	-2.5983e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	5.0443e+01	-2.9182e+01	-2.5435e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	4.4464e+01	-3.2050e+01	-1.4010e+01
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	7.9621e+01	7.1656e-01	-6.7379e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	7.6033e+01	-1.4583e+01	-2.1473e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	6.9377e+01	-2.2022e+01	-2.6669e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	5.9242e+01	-2.5993e+01	-1.1934e+01
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.8355e+01	3.8514e+01	-1.9130e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	2.0761e+02	6.3399e+01	-2.8861e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	9.4397e+01	-8.9026e+00	-3.3165e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	7.7005e+01	2.5364e+01	-2.3434e+01
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	1.8085e+01	4.3679e+01	-2.2326e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	7.1726e+01	5.6591e+01	-3.0084e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	5.9772e+01	8.5899e+01	-1.0558e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	1.5804e+01	5.6242e+01	-2.7991e+00
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	3.0355e+01	5.6301e+00	-2.6387e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	7.0927e+01	-3.1972e+00	-3.2409e+01

	194	0.0000e+00	0.0000e+00	0.0000e+00	6.3809e+01	3.1522e+01	-3.5520e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	2.6424e+01	2.9477e+01	-2.9498e+01
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	3.1114e+01	-2.0012e+01	-2.2015e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	5.4171e+01	-2.4778e+01	-1.5696e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	6.5607e+01	-1.6461e+01	-2.4614e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	3.1272e+01	-1.7862e+00	-3.0933e+01
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	2.4382e+01	-3.0562e+01	-1.6670e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	3.9999e+01	-3.2810e+01	-9.2839e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	5.0017e+01	-3.0952e+01	-1.4818e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	2.7915e+01	-2.1135e+01	-2.2204e+01
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	1.8831e+01	-3.3714e+01	-1.2788e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	3.1979e+01	-3.5023e+01	-8.3733e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	3.7412e+01	-3.4581e+01	-1.1082e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	2.1500e+01	-2.9986e+01	-1.5497e+01
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	1.7297e+01	-3.3430e+01	-9.8088e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	3.0607e+01	-3.5146e+01	-9.3854e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	3.1023e+01	-3.5294e+01	-1.1068e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	1.7657e+01	-3.3343e+01	-1.1491e+01
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	2.0160e+01	-2.9672e+01	-6.5029e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	3.5255e+01	-3.3195e+01	-9.8254e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	3.1322e+01	-3.4596e+01	-1.1970e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	1.7997e+01	-3.3445e+01	-8.6472e+00
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	2.4176e+01	-1.9792e+01	-2.2761e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	4.6468e+01	-2.5699e+01	-8.0543e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	3.7717e+01	-3.1248e+01	-1.1757e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	2.2324e+01	-2.9084e+01	-5.9785e+00
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	4.0198e+01	1.6533e+00	1.4058e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	4.4803e+01	-4.7594e+00	-2.8951e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	4.9878e+01	-1.8584e+01	-5.8550e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	2.7232e+01	-1.8544e+01	-1.5542e+00
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	-4.6300e+01	2.4905e+01	-1.1880e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	1.4615e+02	4.7263e+01	-1.5812e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	5.6885e+01	-2.6887e+00	-1.6959e+01
	175	0.0000e+00	0.0000e+00	0.0000e+00	3.5755e+01	2.2172e+01	-1.3028e+01
2352	172	0.0000e+00	0.0000e+00	0.0000e+00	-1.8060e+01	2.2337e+01	-1.5317e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	1.3558e+01	3.3308e+01	-1.9046e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	7.5384e+00	4.5205e+01	-6.2100e+00
	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.8883e+01	2.8193e+01	-2.4805e+00
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	-1.1479e+01	4.5767e+00	-2.3745e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	1.9172e+01	4.0884e+00	-2.9661e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	1.1406e+01	2.4414e+01	-2.6034e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-1.4567e+01	1.6020e+01	-2.0119e+01
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	-7.0356e+00	-1.2522e+01	-2.3936e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	1.8282e+01	-1.6899e+01	-2.5715e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	1.6861e+01	-4.6742e+00	-2.9179e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-8.8785e+00	-1.4989e+00	-2.7400e+01
2355	169	0.0000e+00	0.0000e+00	0.0000e+00	-6.4973e+00	-2.3068e+01	-1.9840e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	1.3915e+01	-2.8006e+01	-1.8619e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	1.6307e+01	-2.2742e+01	-2.4144e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-6.6483e+00	-1.5636e+01	-2.5365e+01
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	-7.6354e+00	-2.7745e+01	-1.4372e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	1.0328e+01	-3.2617e+01	-1.2883e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	1.2551e+01	-3.0778e+01	-1.8175e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-7.1260e+00	-2.4114e+01	-1.9664e+01
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	-8.2312e+00	-2.8248e+01	-8.6089e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	9.4909e+00	-3.3433e+01	-8.3623e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	9.7905e+00	-3.3440e+01	-1.3262e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-8.0782e+00	-2.7942e+01	-1.3509e+01
2358	166	0.0000e+00	0.0000e+00	0.0000e+00	-7.4287e+00	-2.4758e+01	-2.9040e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	1.1419e+01	-3.0491e+01	-4.0552e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	9.9289e+00	-3.2711e+01	-8.8529e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	-8.0504e+00	-2.7984e+01	-7.7017e+00
2359	165	0.0000e+00	0.0000e+00	0.0000e+00	-7.2082e+00	-1.6110e+01	1.7511e+00

	176	0.0000e+00	0.0000e+00	0.0000e+00	1.6339e+01	-2.1150e+01	9.4943e-02
	177	0.0000e+00	0.0000e+00	0.0000e+00	1.2980e+01	-2.8033e+01	-4.3662e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	-6.8884e+00	-2.3348e+01	-2.7100e+00
2360	164	0.0000e+00	0.0000e+00	0.0000e+00	3.2895e+00	3.7294e-01	3.9147e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	9.8984e+00	-2.8388e+00	3.3092e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	1.8327e+01	-1.4787e+01	1.5734e+00
	165	0.0000e+00	0.0000e+00	0.0000e+00	-6.2498e+00	-1.4215e+01	2.1790e+00
2361	163	0.0000e+00	0.0000e+00	0.0000e+00	-7.4123e+01	1.5120e+01	-7.1287e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	9.5009e+01	3.3267e+01	-9.0729e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	1.8393e+01	-4.1381e+00	-1.0516e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	-1.0748e+00	1.7154e+01	-8.5716e+00
2362	161	0.0000e+00	0.0000e+00	0.0000e+00	-4.6060e+01	6.5587e+00	-1.1757e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-2.2573e+01	1.5153e+01	-1.3386e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	-2.5486e+01	2.1014e+01	-4.2656e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	-4.6135e+01	9.7274e+00	-2.6375e+00
2363	160	0.0000e+00	0.0000e+00	0.0000e+00	-4.3012e+01	-1.4203e+00	-2.0333e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-1.8590e+01	5.5558e-01	-2.3761e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-2.3438e+01	1.1647e+01	-1.9186e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-4.4453e+01	3.6495e+00	-1.5759e+01
2364	159	0.0000e+00	0.0000e+00	0.0000e+00	-3.9701e+01	-1.0277e+01	-2.2540e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-1.6413e+01	-1.3024e+01	-2.5084e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-1.9758e+01	-3.7089e+00	-2.5823e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-4.1026e+01	-4.8460e+00	-2.3278e+01
2365	158	0.0000e+00	0.0000e+00	0.0000e+00	-3.7704e+01	-1.7005e+01	-1.9879e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-1.6473e+01	-2.2054e+01	-2.0849e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-1.7469e+01	-1.6540e+01	-2.4945e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-3.8487e+01	-1.2660e+01	-2.3975e+01
2366	157	0.0000e+00	0.0000e+00	0.0000e+00	-3.7067e+01	-2.0679e+01	-1.4614e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-1.7343e+01	-2.6664e+01	-1.4671e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-1.7229e+01	-2.4191e+01	-2.0165e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-3.7285e+01	-1.8197e+01	-2.0109e+01
2367	156	0.0000e+00	0.0000e+00	0.0000e+00	-3.7169e+01	-2.1290e+01	-8.3389e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	-1.7777e+01	-2.7647e+01	-8.2113e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	-1.7675e+01	-2.7411e+01	-1.4056e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-3.7037e+01	-2.1028e+01	-1.4183e+01
2368	155	0.0000e+00	0.0000e+00	0.0000e+00	-3.7354e+01	-1.8708e+01	-2.1602e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	-1.7566e+01	-2.4832e+01	-2.1051e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	-1.7581e+01	-2.7027e+01	-7.6889e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	-3.7238e+01	-2.0979e+01	-7.7439e+00
2369	154	0.0000e+00	0.0000e+00	0.0000e+00	-3.8701e+01	-1.2477e+01	2.4792e+00
	165	0.0000e+00	0.0000e+00	0.0000e+00	-1.5750e+01	-1.6828e+01	2.6059e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	-1.6656e+01	-2.2869e+01	-1.9278e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	-3.7562e+01	-1.7336e+01	-2.0545e+00
2370	153	0.0000e+00	0.0000e+00	0.0000e+00	-3.0644e+01	-8.0395e-01	4.5681e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	-2.3586e+01	-3.3272e+00	5.1199e+00
	165	0.0000e+00	0.0000e+00	0.0000e+00	-1.4681e+01	-1.2020e+01	3.5337e+00
	154	0.0000e+00	0.0000e+00	0.0000e+00	-3.8535e+01	-1.1085e+01	2.9819e+00
2371	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.0065e+02	8.5734e+00	-4.2474e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	5.0662e+01	2.3345e+01	-5.2495e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	-1.7080e+01	-6.4492e+00	-7.4428e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	-3.4743e+01	1.3104e+01	-6.4408e+00
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	-7.2410e+01	-6.2930e+00	-1.0447e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-5.0762e+01	9.4801e-01	-1.0931e+01
	162	0.0000e+00	0.0000e+00	0.0000e+00	-5.2127e+01	4.1375e+00	-3.5746e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	-7.1933e+01	-4.6593e+00	-3.0903e+00
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	-7.1533e+01	-7.8351e+00	-1.8583e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-4.9085e+01	-5.4712e+00	-1.9884e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-5.1535e+01	-2.7137e-01	-1.5675e+01
	150	0.0000e+00	0.0000e+00	0.0000e+00	-7.1470e+01	-7.0837e+00	-1.4374e+01
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	-6.9438e+01	-1.0088e+01	-2.0939e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-4.7597e+01	-1.1891e+01	-2.2588e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-5.0058e+01	-6.9909e+00	-2.2624e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	-7.0002e+01	-8.7154e+00	-2.0975e+01



2375 147 0.0000e+00 0.0000e+00 0.0000e+00 -6.7153e+01 -1.2626e+01 -1.8815e+01  
158 0.0000e+00 0.0000e+00 0.0000e+00 -4.6757e+01 -1.6926e+01 -2.0181e+01  
159 0.0000e+00 0.0000e+00 0.0000e+00 -4.8315e+01 -1.3483e+01 -2.3387e+01  
148 0.0000e+00 0.0000e+00 0.0000e+00 -6.8102e+01 -1.0794e+01 -2.2021e+01

2376 146 0.0000e+00 0.0000e+00 0.0000e+00 -6.5743e+01 -1.4367e+01 -1.4267e+01  
157 0.0000e+00 0.0000e+00 0.0000e+00 -4.6570e+01 -1.9943e+01 -1.4928e+01  
158 0.0000e+00 0.0000e+00 0.0000e+00 -4.7190e+01 -1.8134e+01 -1.9821e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -6.6337e+01 -1.3043e+01 -1.9160e+01

2377 145 0.0000e+00 0.0000e+00 0.0000e+00 -6.5642e+01 -1.4434e+01 -8.6572e+00  
156 0.0000e+00 0.0000e+00 0.0000e+00 -4.6853e+01 -2.0598e+01 -8.5333e+00  
157 0.0000e+00 0.0000e+00 0.0000e+00 -4.6808e+01 -2.0387e+01 -1.4096e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -6.5459e+01 -1.4426e+01 -1.4220e+01

2378 144 0.0000e+00 0.0000e+00 0.0000e+00 -6.6459e+01 -1.2447e+01 -2.8698e+00  
155 0.0000e+00 0.0000e+00 0.0000e+00 -4.7514e+01 -1.8472e+01 -2.1610e+00  
156 0.0000e+00 0.0000e+00 0.0000e+00 -4.6889e+01 -2.0074e+01 -7.6636e+00  
145 0.0000e+00 0.0000e+00 0.0000e+00 -6.5784e+01 -1.4103e+01 -8.3723e+00

2379 143 0.0000e+00 0.0000e+00 0.0000e+00 -6.8612e+01 -8.4540e+00 1.8637e+00  
154 0.0000e+00 0.0000e+00 0.0000e+00 -4.7087e+01 -1.2816e+01 2.7489e+00  
155 0.0000e+00 0.0000e+00 0.0000e+00 -4.7097e+01 -1.7092e+01 -1.8264e+00  
144 0.0000e+00 0.0000e+00 0.0000e+00 -6.6979e+01 -1.1480e+01 -2.7116e+00

2380 142 0.0000e+00 0.0000e+00 0.0000e+00 -6.1863e+01 -1.1226e+00 4.5671e+00  
153 0.0000e+00 0.0000e+00 0.0000e+00 -5.4983e+01 -3.8209e+00 5.3682e+00  
154 0.0000e+00 0.0000e+00 0.0000e+00 -4.6554e+01 -9.4073e+00 3.4744e+00  
143 0.0000e+00 0.0000e+00 0.0000e+00 -6.8822e+01 -7.9770e+00 2.6733e+00

2381 141 0.0000e+00 0.0000e+00 0.0000e+00 -1.2566e+02 4.0639e+00 -2.5658e+00  
152 0.0000e+00 0.0000e+00 0.0000e+00 1.1341e+01 1.6577e+01 -3.1448e+00  
153 0.0000e+00 0.0000e+00 0.0000e+00 -4.9576e+01 -8.0692e+00 -5.8154e+00  
142 0.0000e+00 0.0000e+00 0.0000e+00 -6.5804e+01 1.0266e+01 -5.2364e+00

2382 139 0.0000e+00 0.0000e+00 0.0000e+00 -1.0156e+02 -1.8268e+01 -1.0602e+01  
150 0.0000e+00 0.0000e+00 0.0000e+00 -7.7542e+01 -1.1417e+01 -1.0401e+01  
151 0.0000e+00 0.0000e+00 0.0000e+00 -7.8134e+01 -9.9335e+00 -3.3898e+00  
140 0.0000e+00 0.0000e+00 0.0000e+00 -1.0060e+02 -1.8368e+01 -3.5902e+00

2383 138 0.0000e+00 0.0000e+00 0.0000e+00 -1.0125e+02 -1.2984e+01 -1.7937e+01  
149 0.0000e+00 0.0000e+00 0.0000e+00 -7.7768e+01 -1.1369e+01 -1.7975e+01  
150 0.0000e+00 0.0000e+00 0.0000e+00 -7.8749e+01 -1.0937e+01 -1.4711e+01  
139 0.0000e+00 0.0000e+00 0.0000e+00 -1.0034e+02 -1.6438e+01 -1.4672e+01

2384 137 0.0000e+00 0.0000e+00 0.0000e+00 -9.7872e+01 -9.9238e+00 -1.8524e+01  
148 0.0000e+00 0.0000e+00 0.0000e+00 -7.7051e+01 -1.1391e+01 -2.0266e+01  
149 0.0000e+00 0.0000e+00 0.0000e+00 -7.8729e+01 -1.1044e+01 -2.0961e+01  
138 0.0000e+00 0.0000e+00 0.0000e+00 -9.9392e+01 -1.0996e+01 -1.9219e+01

2385 136 0.0000e+00 0.0000e+00 0.0000e+00 -9.3429e+01 -9.5201e+00 -1.6168e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -7.5480e+01 -1.2512e+01 -1.8567e+01  
148 0.0000e+00 0.0000e+00 0.0000e+00 -7.7222e+01 -1.1931e+01 -2.1423e+01  
137 0.0000e+00 0.0000e+00 0.0000e+00 -9.6089e+01 -8.6969e+00 -1.9024e+01

2386 135 0.0000e+00 0.0000e+00 0.0000e+00 -9.0338e+01 -9.8021e+00 -1.2995e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -7.4258e+01 -1.3730e+01 -1.4560e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -7.5324e+01 -1.3294e+01 -1.8348e+01  
136 0.0000e+00 0.0000e+00 0.0000e+00 -9.2143e+01 -8.9638e+00 -1.6783e+01

2387 134 0.0000e+00 0.0000e+00 0.0000e+00 -8.9760e+01 -9.0086e+00 -9.3115e+00  
145 0.0000e+00 0.0000e+00 0.0000e+00 -7.4269e+01 -1.3813e+01 -9.3030e+00  
146 0.0000e+00 0.0000e+00 0.0000e+00 -7.4273e+01 -1.4001e+01 -1.3633e+01  
135 0.0000e+00 0.0000e+00 0.0000e+00 -8.9741e+01 -9.3660e+00 -1.3642e+01

2388 133 0.0000e+00 0.0000e+00 0.0000e+00 -9.1457e+01 -6.6030e+00 -4.9086e+00  
144 0.0000e+00 0.0000e+00 0.0000e+00 -7.5610e+01 -1.2162e+01 -3.4716e+00  
145 0.0000e+00 0.0000e+00 0.0000e+00 -7.4570e+01 -1.3220e+01 -8.2085e+00  
134 0.0000e+00 0.0000e+00 0.0000e+00 -8.9860e+01 -8.4530e+00 -9.6455e+00

2389 132 0.0000e+00 0.0000e+00 0.0000e+00 -9.5137e+01 -3.4896e+00 -1.2554e-01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -7.6336e+01 -8.5892e+00 1.7663e+00  
144 0.0000e+00 0.0000e+00 0.0000e+00 -7.5816e+01 -1.0969e+01 -2.9004e+00  
133 0.0000e+00 0.0000e+00 0.0000e+00 -9.2186e+01 -5.8955e+00 -4.7923e+00

2390 131 0.0000e+00 0.0000e+00 0.0000e+00 -9.0045e+01 2.5864e-02 3.9988e+00  
142 0.0000e+00 0.0000e+00 0.0000e+00 -8.4211e+01 -3.6097e+00 5.1640e+00  
143 0.0000e+00 0.0000e+00 0.0000e+00 -7.6336e+01 -6.1134e+00 2.5424e+00

132 0.0000e+00 0.0000e+00 0.0000e+00 -9.5782e+01 -4.0340e+00 1.3772e+00

2391 130 0.0000e+00 0.0000e+00 0.0000e+00 -1.4892e+02 6.2211e-02 -1.7740e+00  
141 0.0000e+00 0.0000e+00 0.0000e+00 -2.4029e+01 1.1563e+01 -2.1477e+00  
142 0.0000e+00 0.0000e+00 0.0000e+00 -7.9340e+01 -8.8149e+00 -4.8194e+00  
131 0.0000e+00 0.0000e+00 0.0000e+00 -9.4300e+01 8.5102e+00 -4.4457e+00

2392 128 0.0000e+00 0.0000e+00 0.0000e+00 -1.3933e+02 -3.0264e+01 -1.1506e+01  
139 0.0000e+00 0.0000e+00 0.0000e+00 -1.0727e+02 -2.3708e+01 -1.0919e+01  
140 0.0000e+00 0.0000e+00 0.0000e+00 -1.0747e+02 -2.4513e+01 -3.1432e+00  
129 0.0000e+00 0.0000e+00 0.0000e+00 -1.3805e+02 -3.4909e+01 -3.7301e+00

2393 127 0.0000e+00 0.0000e+00 0.0000e+00 -1.3473e+02 -1.3809e+01 -1.4891e+01  
138 0.0000e+00 0.0000e+00 0.0000e+00 -1.0880e+02 -1.4952e+01 -1.5928e+01  
139 0.0000e+00 0.0000e+00 0.0000e+00 -1.0969e+02 -2.0603e+01 -1.5661e+01  
128 0.0000e+00 0.0000e+00 0.0000e+00 -1.3574e+02 -2.2329e+01 -1.4624e+01

2394 126 0.0000e+00 0.0000e+00 0.0000e+00 -1.2307e+02 -8.7579e+00 -1.0573e+01  
137 0.0000e+00 0.0000e+00 0.0000e+00 -1.0596e+02 -9.4324e+00 -1.6462e+01  
138 0.0000e+00 0.0000e+00 0.0000e+00 -1.0870e+02 -1.3884e+01 -1.9101e+01  
127 0.0000e+00 0.0000e+00 0.0000e+00 -1.3113e+02 -8.8062e+00 -1.3211e+01

2395 125 0.0000e+00 0.0000e+00 0.0000e+00 -1.1233e+02 -8.3480e+00 -9.1146e+00  
136 0.0000e+00 0.0000e+00 0.0000e+00 -1.0055e+02 -8.5937e+00 -1.5198e+01  
137 0.0000e+00 0.0000e+00 0.0000e+00 -1.0420e+02 -1.0556e+01 -1.7217e+01  
126 0.0000e+00 0.0000e+00 0.0000e+00 -1.1984e+02 -6.4006e+00 -1.1134e+01

2396 124 0.0000e+00 0.0000e+00 0.0000e+00 -1.0550e+02 -8.5258e+00 -9.4892e+00  
135 0.0000e+00 0.0000e+00 0.0000e+00 -9.6554e+01 -9.0855e+00 -1.3260e+01  
136 0.0000e+00 0.0000e+00 0.0000e+00 -9.8979e+01 -9.9481e+00 -1.4636e+01  
125 0.0000e+00 0.0000e+00 0.0000e+00 -1.0999e+02 -7.5070e+00 -1.0866e+01

2397 123 0.0000e+00 0.0000e+00 0.0000e+00 -1.0355e+02 -6.8803e+00 -1.0004e+01  
134 0.0000e+00 0.0000e+00 0.0000e+00 -9.5664e+01 -8.5639e+00 -1.0565e+01  
135 0.0000e+00 0.0000e+00 0.0000e+00 -9.5967e+01 -9.5094e+00 -1.2087e+01  
124 0.0000e+00 0.0000e+00 0.0000e+00 -1.0427e+02 -7.8738e+00 -1.1527e+01

2398 122 0.0000e+00 0.0000e+00 0.0000e+00 -1.0638e+02 -2.6155e+00 -9.1404e+00  
133 0.0000e+00 0.0000e+00 0.0000e+00 -9.8043e+01 -6.4529e+00 -6.5601e+00  
134 0.0000e+00 0.0000e+00 0.0000e+00 -9.6213e+01 -7.6651e+00 -9.0998e+00  
123 0.0000e+00 0.0000e+00 0.0000e+00 -1.0347e+02 -5.9661e+00 -1.1680e+01

2399 121 0.0000e+00 0.0000e+00 0.0000e+00 -1.1382e+02 2.7990e+00 -5.6071e+00  
132 0.0000e+00 0.0000e+00 0.0000e+00 -1.0119e+02 -3.5712e+00 -1.0946e+00  
133 0.0000e+00 0.0000e+00 0.0000e+00 -9.9337e+01 -4.5964e+00 -5.3469e+00  
122 0.0000e+00 0.0000e+00 0.0000e+00 -1.0740e+02 -1.6966e+00 -9.8594e+00

2400 120 0.0000e+00 0.0000e+00 0.0000e+00 -1.1332e+02 4.9290e+00 9.8945e-01  
131 0.0000e+00 0.0000e+00 0.0000e+00 -1.1083e+02 -2.0840e+00 4.4571e+00  
132 0.0000e+00 0.0000e+00 0.0000e+00 -1.0250e+02 -8.7656e-01 2.2456e-01  
121 0.0000e+00 0.0000e+00 0.0000e+00 -1.1529e+02 1.3374e+00 -3.2431e+00

2401 119 0.0000e+00 0.0000e+00 0.0000e+00 -1.7034e+02 -4.9257e+00 -2.3543e+00  
130 0.0000e+00 0.0000e+00 0.0000e+00 -5.5768e+01 6.5871e+00 -2.0100e+00  
131 0.0000e+00 0.0000e+00 0.0000e+00 -1.0627e+02 -8.4244e+00 -4.5703e+00  
120 0.0000e+00 0.0000e+00 0.0000e+00 -1.1920e+02 8.6698e+00 -4.9146e+00

2402 116 0.0000e+00 0.0000e+00 0.0000e+00 -2.0168e+02 -4.9893e+01 -8.1264e+00  
128 0.0000e+00 0.0000e+00 0.0000e+00 -1.4468e+02 -3.6080e+01 -1.1664e+01  
129 0.0000e+00 0.0000e+00 0.0000e+00 -1.4704e+02 -4.4370e+01 -3.7099e+00  
118 0.0000e+00 0.0000e+00 0.0000e+00 -2.0580e+02 -4.7897e+01 -1.7254e-01

2403 114 0.0000e+00 0.0000e+00 0.0000e+00 -1.6490e+02 -1.1177e+01 6.8017e+00  
127 0.0000e+00 0.0000e+00 0.0000e+00 -1.4595e+02 -9.1447e+00 -8.1130e+00  
128 0.0000e+00 0.0000e+00 0.0000e+00 -1.5210e+02 -2.7520e+01 -1.8644e+01  
116 0.0000e+00 0.0000e+00 0.0000e+00 -1.8611e+02 -2.5296e+00 -3.7293e+00

2404 112 0.0000e+00 0.0000e+00 0.0000e+00 -1.3471e+02 -8.7021e+00 1.1085e+01  
126 0.0000e+00 0.0000e+00 0.0000e+00 -1.3074e+02 -5.2831e+00 -6.3302e+00  
127 0.0000e+00 0.0000e+00 0.0000e+00 -1.3965e+02 -1.2818e+01 -9.1944e+00  
114 0.0000e+00 0.0000e+00 0.0000e+00 -1.5776e+02 -3.1546e+00 8.2209e+00

2405 110 0.0000e+00 0.0000e+00 0.0000e+00 -1.1472e+02 -1.2025e+01 5.1561e+00  
125 0.0000e+00 0.0000e+00 0.0000e+00 -1.1583e+02 -6.8596e+00 -7.3512e+00  
126 0.0000e+00 0.0000e+00 0.0000e+00 -1.2470e+02 -9.3504e+00 -5.2876e+00  
112 0.0000e+00 0.0000e+00 0.0000e+00 -1.2879e+02 -8.6832e+00 7.2197e+00

2406 108 0.0000e+00 0.0000e+00 0.0000e+00 -1.0293e+02 -1.3772e+01 -2.5949e+00  
124 0.0000e+00 0.0000e+00 0.0000e+00 -1.0675e+02 -8.1657e+00 -9.7459e+00

	125	0.0000e+00	0.0000e+00	0.0000e+00	-1.1217e+02	-9.5420e+00	-6.1015e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	-1.1063e+02	-1.1880e+01	1.0495e+00
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	-9.8282e+01	-1.2317e+01	-1.0063e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-1.0389e+02	-6.9245e+00	-1.2131e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-1.0539e+02	-9.0398e+00	-8.4477e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	-1.0058e+02	-1.1676e+01	-6.3803e+00
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	-1.0066e+02	-6.7673e+00	-1.6029e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-1.0725e+02	-2.8102e+00	-1.2973e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-1.0475e+02	-5.8690e+00	-1.0406e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-9.7555e+01	-7.5080e+00	-1.3462e+01
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	-1.1228e+02	3.0931e+00	-1.8338e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-1.1500e+02	2.5723e+00	-1.0025e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-1.1049e+02	2.2567e-01	-1.0669e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-1.0153e+02	1.1088e+00	-1.8982e+01
2410	100	0.0000e+00	0.0000e+00	0.0000e+00	-1.2372e+02	1.3580e+01	-1.1763e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-1.3191e+02	2.8070e+00	-4.8778e-01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-1.2064e+02	7.8979e+00	-6.5784e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	-1.1430e+02	1.0402e+01	-1.7854e+01
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	-1.9124e+02	-1.0187e+01	-7.9100e+00
	119	0.0000e+00	0.0000e+00	0.0000e+00	-8.2109e+01	7.5037e-02	-2.5788e+00
	120	0.0000e+00	0.0000e+00	0.0000e+00	-1.3044e+02	-4.1087e+00	-8.2539e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	-1.3312e+02	1.8525e+01	-1.3585e+01
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	-2.3598e+02	6.2350e+01	1.2619e+02
	116	0.0000e+00	0.0000e+00	0.0000e+00	-2.7298e+02	-2.5247e+01	2.2412e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-1.6024e+02	-7.9943e+01	-1.8536e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.3914e+02	-7.8274e+01	8.5244e+01
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	-1.5228e+02	-8.3629e+00	7.1264e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-1.8068e+02	8.2398e+00	1.6248e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-2.3482e+02	-2.0337e+01	2.4289e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	-1.9909e+02	-2.1262e+01	7.9304e+01
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.1137e+02	-2.1445e+01	4.4389e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	-1.3305e+02	-5.7154e+00	1.5477e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-1.6156e+02	-8.8706e+00	2.7399e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-1.3591e+02	-1.9132e+01	5.6311e+01
2415	111	0.0000e+00	0.0000e+00	0.0000e+00	-8.7386e+01	-2.4033e+01	2.4398e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-1.0835e+02	-1.2283e+01	7.7690e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	-1.2427e+02	-1.2212e+01	1.8845e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.0197e+02	-2.4607e+01	3.5474e+01
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	-7.2513e+01	-2.0519e+01	8.1863e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	-9.5200e+01	-1.4290e+01	-1.1545e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	-1.0291e+02	-1.4945e+01	8.8279e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	-8.1942e+01	-3.0477e+01	1.8169e+01
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	-6.3612e+01	-1.1747e+01	-5.8993e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	-9.0034e+01	-1.2093e+01	-9.7174e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	-9.0933e+01	-1.4691e+01	-6.1008e-01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-6.9718e+01	-3.4891e+01	3.2080e+00
2418	105	0.0000e+00	0.0000e+00	0.0000e+00	-5.9784e+01	2.4474e+00	-1.8926e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-9.2428e+01	-5.4148e+00	-1.7308e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-8.6127e+01	-1.0388e+01	-8.7552e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-6.3117e+01	-3.6895e+01	-1.0373e+01
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	-6.2141e+01	2.2276e+01	-3.1861e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-1.0479e+02	5.6326e+00	-2.3110e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-8.8993e+01	-8.4546e-01	-1.4906e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-6.1882e+01	-3.5373e+01	-2.3657e+01
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	-7.3592e+01	4.6424e+01	-4.4030e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-1.4135e+02	1.3160e+01	-2.1026e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-1.0496e+02	1.6718e+01	-1.5470e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-6.7771e+01	-2.8656e+01	-3.8475e+01
2421	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.2408e+02	5.8671e+01	-4.2027e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-9.3520e+01	-4.8668e+00	2.2140e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	-1.4725e+02	1.6988e+01	-2.0999e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	-8.9175e+01	4.0553e+00	-6.5240e+01

SFORZI "Torcente di piano SLD" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	3.0191e+00	-7.6166e+00	-2.2176e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	9.0504e+00	1.4769e+01	-1.3405e+01
	84	0.0000e+00	0.0000e+00	0.0000e+00	-8.4000e+00	1.7874e+01	-7.3907e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	3.7525e+01	2.7887e+01	-1.6162e+01
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	-1.0959e+00	-2.9928e+00	-1.5394e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	2.1023e+00	3.4537e+00	-1.3462e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	2.4423e+00	5.3514e+00	-1.4770e+01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	2.3205e+00	1.4489e+01	-1.6702e+01
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.9036e+00	-3.4214e+00	-1.2503e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	6.1486e-01	8.5715e-01	-1.2551e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-5.3775e-01	1.1474e+00	-1.4174e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-8.4385e-01	8.7653e+00	-1.4127e+01
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.8254e+00	-4.6756e+00	-1.0541e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	2.5773e-01	-1.2517e+00	-1.0900e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-8.1848e-01	-1.1272e+00	-1.2308e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.4481e+00	5.1923e+00	-1.1948e+01
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.7723e+00	-6.2531e+00	-9.0740e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	1.4502e-01	-3.0939e+00	-9.3970e+00
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-8.7165e-01	-2.9493e+00	-1.0548e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.3837e+00	2.5783e+00	-1.0225e+01
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.9868e+00	-8.1890e+00	-7.8691e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	5.4191e-02	-4.9057e+00	-8.0710e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-9.4831e-01	-4.7218e+00	-9.0444e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.3770e+00	5.6387e-01	-8.8424e+00
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	-2.4017e+00	-1.0808e+01	-6.9826e+00
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-1.8865e-01	-6.3551e+00	-7.0694e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-1.1053e+00	-6.6647e+00	-7.7142e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.6539e+00	-8.8546e-01	-7.6274e+00
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-2.3425e+00	-1.5057e+01	-8.4990e+00
	83	0.0000e+00	0.0000e+00	0.0000e+00	2.1265e+00	-1.6648e+00	-9.8423e+00
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-5.3683e-01	-9.4919e+00	-7.5873e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-2.2912e+00	-7.3880e-01	-6.2439e+00
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	2.2914e+00	7.3830e-01	-6.2441e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	5.3710e-01	9.4924e+00	-7.5874e+00
	83	0.0000e+00	0.0000e+00	0.0000e+00	-2.1268e+00	1.6656e+00	-9.8423e+00
	28	0.0000e+00	0.0000e+00	0.0000e+00	2.3433e+00	1.5058e+01	-8.4990e+00
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	1.6541e+00	8.8493e-01	-7.6275e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	1.1054e+00	6.6647e+00	-7.7144e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	1.8867e-01	6.3552e+00	-7.0696e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	2.4020e+00	1.0809e+01	-6.9827e+00
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	1.3771e+00	-5.6440e-01	-8.8425e+00
	1884	0.0000e+00	0.0000e+00	0.0000e+00	9.4841e-01	4.7216e+00	-9.0445e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-5.4182e-02	4.9055e+00	-8.0712e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	1.9870e+00	8.1892e+00	-7.8692e+00
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	1.3839e+00	-2.5787e+00	-1.0225e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	8.7171e-01	2.9490e+00	-1.0548e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	-1.4499e-01	3.0935e+00	-9.3971e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	1.7725e+00	6.2529e+00	-9.0741e+00
686	1650	0.0000e+00	0.0000e+00	0.0000e+00	1.4483e+00	-5.1925e+00	-1.1948e+01
	1882	0.0000e+00	0.0000e+00	0.0000e+00	8.1852e-01	1.1268e+00	-1.2308e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	-2.5768e-01	1.2513e+00	-1.0900e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	1.8256e+00	4.6753e+00	-1.0541e+01
687	1649	0.0000e+00	0.0000e+00	0.0000e+00	8.4405e-01	-8.7653e+00	-1.4126e+01
	1881	0.0000e+00	0.0000e+00	0.0000e+00	5.3777e-01	-1.1477e+00	-1.4174e+01
	1882	0.0000e+00	0.0000e+00	0.0000e+00	-6.1477e-01	-8.5744e-01	-1.2551e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	1.9037e+00	3.4210e+00	-1.2503e+01
688	1648	0.0000e+00	0.0000e+00	0.0000e+00	-2.3202e+00	-1.4489e+01	-1.6702e+01
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-2.4423e+00	-5.3514e+00	-1.4770e+01
	1881	0.0000e+00	0.0000e+00	0.0000e+00	-2.1022e+00	-3.4538e+00	-1.3462e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	1.0961e+00	2.9922e+00	-1.5394e+01
689	27	0.0000e+00	0.0000e+00	0.0000e+00	-3.7524e+01	-2.7886e+01	-1.6162e+01

82 0.0000e+00 0.0000e+00 0.0000e+00 8.3997e+00 -1.7873e+01 -7.3907e+00  
1880 0.0000e+00 0.0000e+00 0.0000e+00 -9.0502e+00 -1.4769e+01 -1.3405e+01  
1648 0.0000e+00 0.0000e+00 0.0000e+00 -3.0189e+00 7.6160e+00 -2.2176e+01  
  
690 1879 0.0000e+00 0.0000e+00 0.0000e+00 -9.1689e+00 -1.3111e+01 -8.7137e+00  
882 0.0000e+00 0.0000e+00 0.0000e+00 -4.6155e+00 6.7917e+00 -1.8933e+01  
7 0.0000e+00 0.0000e+00 0.0000e+00 -3.2898e+01 -2.7148e+01 -1.3891e+01  
73 0.0000e+00 0.0000e+00 0.0000e+00 -7.5681e-01 -1.7617e+01 -3.6721e+00  
  
691 1878 0.0000e+00 0.0000e+00 0.0000e+00 -2.2646e+00 -4.2028e+00 -1.0987e+01  
880 0.0000e+00 0.0000e+00 0.0000e+00 6.3288e-01 2.6455e+00 -1.3147e+01  
882 0.0000e+00 0.0000e+00 0.0000e+00 -3.5481e+00 -1.4407e+01 -1.3910e+01  
1879 0.0000e+00 0.0000e+00 0.0000e+00 -2.2834e+00 -5.9886e+00 -1.1751e+01  
  
692 1877 0.0000e+00 0.0000e+00 0.0000e+00 -6.8763e-01 -1.3589e+00 -1.0526e+01  
878 0.0000e+00 0.0000e+00 0.0000e+00 1.7676e+00 3.0899e+00 -1.0629e+01  
880 0.0000e+00 0.0000e+00 0.0000e+00 4.6112e-01 -8.8961e+00 -1.1916e+01  
1878 0.0000e+00 0.0000e+00 0.0000e+00 4.1915e-01 -1.7992e+00 -1.1813e+01  
  
693 1876 0.0000e+00 0.0000e+00 0.0000e+00 -2.9079e-01 8.8995e-01 -9.1894e+00  
876 0.0000e+00 0.0000e+00 0.0000e+00 1.8829e+00 4.5495e+00 -8.8973e+00  
878 0.0000e+00 0.0000e+00 0.0000e+00 1.3383e+00 -5.5107e+00 -1.0107e+01  
1877 0.0000e+00 0.0000e+00 0.0000e+00 8.2188e-01 6.3757e-01 -1.0399e+01  
  
694 1875 0.0000e+00 0.0000e+00 0.0000e+00 -1.7456e-01 2.9325e+00 -7.8565e+00  
874 0.0000e+00 0.0000e+00 0.0000e+00 1.9207e+00 6.4491e+00 -7.5391e+00  
876 0.0000e+00 0.0000e+00 0.0000e+00 1.4281e+00 -3.0030e+00 -8.5881e+00  
1876 0.0000e+00 0.0000e+00 0.0000e+00 9.3522e-01 2.6713e+00 -8.9055e+00  
  
695 1874 0.0000e+00 0.0000e+00 0.0000e+00 -1.1161e-01 5.0139e+00 -6.6206e+00  
872 0.0000e+00 0.0000e+00 0.0000e+00 2.1232e+00 8.8006e+00 -6.3598e+00  
874 0.0000e+00 0.0000e+00 0.0000e+00 1.4750e+00 -9.8514e-01 -7.2886e+00  
1875 0.0000e+00 0.0000e+00 0.0000e+00 1.0436e+00 4.7120e+00 -7.5493e+00  
  
696 1873 0.0000e+00 0.0000e+00 0.0000e+00 2.1041e-02 6.9164e+00 -5.6357e+00  
870 0.0000e+00 0.0000e+00 0.0000e+00 2.4069e+00 1.1911e+01 -5.3963e+00  
872 0.0000e+00 0.0000e+00 0.0000e+00 1.6871e+00 6.0228e-01 -6.0709e+00  
1874 0.0000e+00 0.0000e+00 0.0000e+00 1.2063e+00 6.9842e+00 -6.3103e+00  
  
697 72 0.0000e+00 0.0000e+00 0.0000e+00 -1.8488e+00 4.4044e+00 -7.5931e+00  
6 0.0000e+00 0.0000e+00 0.0000e+00 1.9085e+00 1.6804e+01 -6.1617e+00  
870 0.0000e+00 0.0000e+00 0.0000e+00 2.0353e+00 8.7977e-01 -4.5936e+00  
1873 0.0000e+00 0.0000e+00 0.0000e+00 8.0770e-01 1.0053e+01 -6.0250e+00  
  
698 1872 0.0000e+00 0.0000e+00 0.0000e+00 -8.0746e-01 -1.0053e+01 -6.0249e+00  
796 0.0000e+00 0.0000e+00 0.0000e+00 -2.0349e+00 -8.8018e-01 -4.5937e+00  
6 0.0000e+00 0.0000e+00 0.0000e+00 -1.9082e+00 -1.6802e+01 -6.1619e+00  
72 0.0000e+00 0.0000e+00 0.0000e+00 1.8487e+00 -4.4034e+00 -7.5931e+00  
  
699 1871 0.0000e+00 0.0000e+00 0.0000e+00 -1.2061e+00 -6.9839e+00 -6.3101e+00  
794 0.0000e+00 0.0000e+00 0.0000e+00 -1.6867e+00 -6.0285e-01 -6.0708e+00  
796 0.0000e+00 0.0000e+00 0.0000e+00 -2.4063e+00 -1.1909e+01 -5.3963e+00  
1872 0.0000e+00 0.0000e+00 0.0000e+00 -2.1056e-02 -6.9160e+00 -5.6356e+00  
  
700 1870 0.0000e+00 0.0000e+00 0.0000e+00 -1.0434e+00 -4.7121e+00 -7.5491e+00  
792 0.0000e+00 0.0000e+00 0.0000e+00 -1.4745e+00 9.8463e-01 -7.2884e+00  
794 0.0000e+00 0.0000e+00 0.0000e+00 -2.1226e+00 -8.8001e+00 -6.3597e+00  
1871 0.0000e+00 0.0000e+00 0.0000e+00 1.1167e-01 -5.0139e+00 -6.6204e+00  
  
701 1869 0.0000e+00 0.0000e+00 0.0000e+00 -9.3508e-01 -2.6715e+00 -8.9052e+00  
790 0.0000e+00 0.0000e+00 0.0000e+00 -1.4276e+00 3.0027e+00 -8.5878e+00  
792 0.0000e+00 0.0000e+00 0.0000e+00 -1.9202e+00 -6.4491e+00 -7.5389e+00  
1870 0.0000e+00 0.0000e+00 0.0000e+00 1.7466e-01 -2.9327e+00 -7.8563e+00  
  
702 1868 0.0000e+00 0.0000e+00 0.0000e+00 -8.2179e-01 -6.3766e-01 -1.0399e+01  
788 0.0000e+00 0.0000e+00 0.0000e+00 -1.3378e+00 5.5107e+00 -1.0107e+01  
790 0.0000e+00 0.0000e+00 0.0000e+00 -1.8825e+00 -4.5498e+00 -8.8970e+00  
1869 0.0000e+00 0.0000e+00 0.0000e+00 2.9094e-01 -8.9009e-01 -9.1892e+00  
  
703 1867 0.0000e+00 0.0000e+00 0.0000e+00 -4.1908e-01 1.7993e+00 -1.1813e+01  
786 0.0000e+00 0.0000e+00 0.0000e+00 -4.6054e-01 8.8967e+00 -1.1916e+01  
788 0.0000e+00 0.0000e+00 0.0000e+00 -1.7672e+00 -3.0905e+00 -1.0628e+01  
1868 0.0000e+00 0.0000e+00 0.0000e+00 6.8783e-01 1.3590e+00 -1.0526e+01  
  
704 1866 0.0000e+00 0.0000e+00 0.0000e+00 2.2834e+00 5.9891e+00 -1.1750e+01  
784 0.0000e+00 0.0000e+00 0.0000e+00 3.5488e+00 1.4408e+01 -1.3910e+01  
786 0.0000e+00 0.0000e+00 0.0000e+00 -6.3237e-01 -2.6461e+00 -1.3147e+01  
1867 0.0000e+00 0.0000e+00 0.0000e+00 2.2648e+00 4.2032e+00 -1.0987e+01

705 71 0.0000e+00 0.0000e+00 0.0000e+00 7.5702e-01 1.7617e+01 -3.6716e+00  
5 0.0000e+00 0.0000e+00 0.0000e+00 3.2899e+01 2.7150e+01 -1.3891e+01  
784 0.0000e+00 0.0000e+00 0.0000e+00 4.6162e+00 -6.7921e+00 -1.8932e+01  
1866 0.0000e+00 0.0000e+00 0.0000e+00 9.1692e+00 1.3112e+01 -8.7132e+00

706 1865 0.0000e+00 0.0000e+00 0.0000e+00 -2.9218e+01 -2.6078e+01 -8.1126e+00  
1023 0.0000e+00 0.0000e+00 0.0000e+00 -1.4488e+01 2.5079e+01 -4.3108e+01  
9 0.0000e+00 0.0000e+00 0.0000e+00 -9.9952e+01 -5.5279e+01 -2.6383e+01  
75 0.0000e+00 0.0000e+00 0.0000e+00 -5.9674e+00 -4.1753e+01 8.6121e+00

707 1864 0.0000e+00 0.0000e+00 0.0000e+00 -6.2930e+00 -2.4481e-01 -1.4129e+01  
1021 0.0000e+00 0.0000e+00 0.0000e+00 3.0782e+00 1.0198e+01 -2.3312e+01  
1023 0.0000e+00 0.0000e+00 0.0000e+00 -8.5658e+00 -2.4410e+01 -2.6428e+01  
1865 0.0000e+00 0.0000e+00 0.0000e+00 -1.0975e+01 -6.9555e+00 -1.7245e+01

708 1863 0.0000e+00 0.0000e+00 0.0000e+00 -5.5079e-01 4.5883e+00 -1.1260e+01  
1019 0.0000e+00 0.0000e+00 0.0000e+00 7.6504e+00 7.0030e+00 -1.2944e+01  
1021 0.0000e+00 0.0000e+00 0.0000e+00 4.0277e+00 -1.1976e+01 -1.8670e+01  
1864 0.0000e+00 0.0000e+00 0.0000e+00 7.9084e-02 3.3223e+00 -1.6986e+01

709 1862 0.0000e+00 0.0000e+00 0.0000e+00 6.5788e-01 7.4192e+00 -4.5905e+00  
1017 0.0000e+00 0.0000e+00 0.0000e+00 8.0727e+00 5.7377e+00 -4.3174e+00  
1019 0.0000e+00 0.0000e+00 0.0000e+00 7.5438e+00 -5.0230e+00 -1.0371e+01  
1863 0.0000e+00 0.0000e+00 0.0000e+00 1.6723e+00 6.9172e+00 -1.0645e+01

710 1861 0.0000e+00 0.0000e+00 0.0000e+00 -3.0113e-01 8.3174e+00 1.8546e+00  
1015 0.0000e+00 0.0000e+00 0.0000e+00 5.6106e+00 3.9598e+00 3.7208e+00  
1017 0.0000e+00 0.0000e+00 0.0000e+00 7.5597e+00 1.6836e-01 -1.9238e+00  
1862 0.0000e+00 0.0000e+00 0.0000e+00 1.0674e+00 8.5110e+00 -3.7900e+00

711 1860 0.0000e+00 0.0000e+00 0.0000e+00 -8.6008e+00 3.5131e+00 3.2652e+00  
1013 0.0000e+00 0.0000e+00 0.0000e+00 -3.7792e+00 -9.0972e-01 1.0892e+01  
1015 0.0000e+00 0.0000e+00 0.0000e+00 4.3130e+00 5.7551e+00 7.6868e+00  
1861 0.0000e+00 0.0000e+00 0.0000e+00 -3.1341e+00 8.5442e+00 5.9902e-02

712 74 0.0000e+00 0.0000e+00 0.0000e+00 -9.5555e+00 -2.6885e+01 -1.9807e+01  
8 0.0000e+00 0.0000e+00 0.0000e+00 -7.2631e+01 -1.7043e+01 9.4492e+00  
1013 0.0000e+00 0.0000e+00 0.0000e+00 -8.6576e+00 1.7629e+01 2.4564e+01  
1860 0.0000e+00 0.0000e+00 0.0000e+00 -2.1519e+01 -6.5364e+00 -4.6920e+00

713 1599 0.0000e+00 0.0000e+00 0.0000e+00 7.6620e+00 -2.6264e+01 -4.8887e+01  
1859 0.0000e+00 0.0000e+00 0.0000e+00 2.8873e+01 3.3921e+01 -1.9805e+01  
86 0.0000e+00 0.0000e+00 0.0000e+00 -2.4801e+01 5.0919e+01 2.1548e+00  
31 0.0000e+00 0.0000e+00 0.0000e+00 1.1304e+02 6.1694e+01 -2.6926e+01

714 1598 0.0000e+00 0.0000e+00 0.0000e+00 -5.1119e+00 -1.0354e+01 -2.6520e+01  
1858 0.0000e+00 0.0000e+00 0.0000e+00 5.6650e+00 -1.1261e+00 -1.8662e+01  
1859 0.0000e+00 0.0000e+00 0.0000e+00 1.1259e+01 7.6343e+00 -2.3246e+01  
1599 0.0000e+00 0.0000e+00 0.0000e+00 3.2647e+00 2.7177e+01 -3.1105e+01

715 1597 0.0000e+00 0.0000e+00 0.0000e+00 -8.2908e+00 -7.3385e+00 -1.4993e+01  
1857 0.0000e+00 0.0000e+00 0.0000e+00 1.9255e-01 -5.4793e+00 -1.3987e+01  
1858 0.0000e+00 0.0000e+00 0.0000e+00 -8.2651e-01 -4.3111e+00 -2.1019e+01  
1598 0.0000e+00 0.0000e+00 0.0000e+00 -5.4830e+00 1.3369e+01 -2.2025e+01

716 1596 0.0000e+00 0.0000e+00 0.0000e+00 -8.5010e+00 -5.1939e+00 -5.2691e+00  
1856 0.0000e+00 0.0000e+00 0.0000e+00 -9.8845e-01 -8.2577e+00 -5.5573e+00  
1857 0.0000e+00 0.0000e+00 0.0000e+00 -1.9512e+00 -7.8468e+00 -1.2725e+01  
1597 0.0000e+00 0.0000e+00 0.0000e+00 -8.0507e+00 5.2177e+00 -1.2437e+01

717 1595 0.0000e+00 0.0000e+00 0.0000e+00 -6.9022e+00 -2.0259e+00 3.9038e+00  
1855 0.0000e+00 0.0000e+00 0.0000e+00 -4.7156e-01 -8.8943e+00 2.7095e+00  
1856 0.0000e+00 0.0000e+00 0.0000e+00 -1.3517e+00 -9.1763e+00 -4.1223e+00  
1596 0.0000e+00 0.0000e+00 0.0000e+00 -8.1452e+00 -6.7299e-01 -2.9281e+00

718 1594 0.0000e+00 0.0000e+00 0.0000e+00 -1.2200e+00 4.4360e+00 1.2052e+01  
1854 0.0000e+00 0.0000e+00 0.0000e+00 8.4568e+00 -2.1868e+00 5.9117e+00  
1855 0.0000e+00 0.0000e+00 0.0000e+00 2.5504e+00 -9.2926e+00 1.4691e+00  
1595 0.0000e+00 0.0000e+00 0.0000e+00 -6.2302e+00 -5.9194e+00 7.6096e+00

719 30 0.0000e+00 0.0000e+00 0.0000e+00 8.0718e+01 2.4091e+01 5.9548e+00  
85 0.0000e+00 0.0000e+00 0.0000e+00 -1.5219e+01 3.8636e+01 -1.7843e+01  
1854 0.0000e+00 0.0000e+00 0.0000e+00 2.1295e+01 1.3446e+01 2.5240e+00  
1594 0.0000e+00 0.0000e+00 0.0000e+00 1.8963e+00 -1.7835e+01 2.6322e+01

720 1853 0.0000e+00 0.0000e+00 0.0000e+00 2.1519e+01 6.5378e+00 -4.6899e+00  
957 0.0000e+00 0.0000e+00 0.0000e+00 8.6566e+00 -1.7627e+01 2.4566e+01  
4 0.0000e+00 0.0000e+00 0.0000e+00 7.2631e+01 1.7044e+01 9.4505e+00

	70	0.0000e+00	0.0000e+00	0.0000e+00	9.5549e+00	2.6888e+01	-1.9805e+01
721	1852	0.0000e+00	0.0000e+00	0.0000e+00	3.1339e+00	-8.5430e+00	6.2018e-02
	955	0.0000e+00	0.0000e+00	0.0000e+00	-4.3137e+00	-5.7541e+00	7.6888e+00
	957	0.0000e+00	0.0000e+00	0.0000e+00	3.7784e+00	9.1128e-01	1.0894e+01
	1853	0.0000e+00	0.0000e+00	0.0000e+00	8.6005e+00	-3.5117e+00	3.2673e+00
722	1851	0.0000e+00	0.0000e+00	0.0000e+00	-1.0676e+00	-8.5101e+00	-3.7879e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	-7.5607e+00	-1.6816e-01	-1.9217e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	-5.6114e+00	-3.9580e+00	3.7229e+00
	1852	0.0000e+00	0.0000e+00	0.0000e+00	3.0079e-01	-8.3164e+00	1.8567e+00
723	1850	0.0000e+00	0.0000e+00	0.0000e+00	-1.6725e+00	-6.9168e+00	-1.0643e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-7.5451e+00	5.0221e+00	-1.0369e+01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-8.0736e+00	-5.7357e+00	-4.3153e+00
	1851	0.0000e+00	0.0000e+00	0.0000e+00	-6.5837e-01	-7.4187e+00	-4.5885e+00
724	1849	0.0000e+00	0.0000e+00	0.0000e+00	-7.9414e-02	-3.3231e+00	-1.6985e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-4.0298e+00	1.1974e+01	-1.8668e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-7.6517e+00	-7.0010e+00	-1.2942e+01
	1850	0.0000e+00	0.0000e+00	0.0000e+00	5.5004e-01	-4.5887e+00	-1.1258e+01
725	1848	0.0000e+00	0.0000e+00	0.0000e+00	1.0974e+01	6.9533e+00	-1.7244e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	8.5622e+00	2.4405e+01	-2.6427e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-3.0803e+00	-1.0196e+01	-2.3310e+01
	1849	0.0000e+00	0.0000e+00	0.0000e+00	6.2918e+00	2.4299e-01	-1.4127e+01
726	69	0.0000e+00	0.0000e+00	0.0000e+00	5.9638e+00	4.1750e+01	8.6121e+00
	3	0.0000e+00	0.0000e+00	0.0000e+00	9.9947e+01	5.5271e+01	-2.6382e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	1.4484e+01	-2.5077e+01	-4.3106e+01
	1848	0.0000e+00	0.0000e+00	0.0000e+00	2.9216e+01	2.6075e+01	-8.1126e+00
727	1557	0.0000e+00	0.0000e+00	0.0000e+00	-1.8954e+00	1.7837e+01	2.6321e+01
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-2.1295e+01	-1.3443e+01	2.5230e+00
	81	0.0000e+00	0.0000e+00	0.0000e+00	1.5219e+01	-3.8634e+01	-1.7844e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	-8.0717e+01	-2.4089e+01	5.9541e+00
728	1556	0.0000e+00	0.0000e+00	0.0000e+00	6.2311e+00	5.9220e+00	7.6082e+00
	1846	0.0000e+00	0.0000e+00	0.0000e+00	-2.5502e+00	9.2950e+00	1.4677e+00
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-8.4564e+00	2.1892e+00	5.9107e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	1.2210e+00	-4.4343e+00	1.2051e+01
729	1555	0.0000e+00	0.0000e+00	0.0000e+00	8.1461e+00	6.7632e-01	-2.9298e+00
	1845	0.0000e+00	0.0000e+00	0.0000e+00	1.3518e+00	9.1791e+00	-4.1240e+00
	1846	0.0000e+00	0.0000e+00	0.0000e+00	4.7192e-01	8.8969e+00	2.7081e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	6.9031e+00	2.0274e+00	3.9023e+00
730	1554	0.0000e+00	0.0000e+00	0.0000e+00	8.0516e+00	-5.2134e+00	-1.2439e+01
	1844	0.0000e+00	0.0000e+00	0.0000e+00	1.9513e+00	7.8501e+00	-1.2727e+01
	1845	0.0000e+00	0.0000e+00	0.0000e+00	9.8886e-01	8.2608e+00	-5.5590e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	8.5018e+00	5.1954e+00	-5.2709e+00
731	1553	0.0000e+00	0.0000e+00	0.0000e+00	5.4839e+00	-1.3364e+01	-2.2027e+01
	1843	0.0000e+00	0.0000e+00	0.0000e+00	8.2655e-01	4.3152e+00	-2.1021e+01
	1844	0.0000e+00	0.0000e+00	0.0000e+00	-1.9210e-01	5.4831e+00	-1.3989e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	8.2916e+00	7.3403e+00	-1.4995e+01
732	1552	0.0000e+00	0.0000e+00	0.0000e+00	-3.2638e+00	-2.7170e+01	-3.1108e+01
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-1.1259e+01	-7.6290e+00	-2.3249e+01
	1843	0.0000e+00	0.0000e+00	0.0000e+00	-5.6645e+00	1.1308e+00	-1.8664e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	5.1126e+00	1.0356e+01	-2.6523e+01
733	25	0.0000e+00	0.0000e+00	0.0000e+00	-1.1303e+02	-6.1686e+01	-2.6930e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	2.4800e+01	-5.0912e+01	2.1510e+00
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-2.8872e+01	-3.3915e+01	-1.9808e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-7.6613e+00	2.6267e+01	-4.8889e+01
734	1515	0.0000e+00	0.0000e+00	0.0000e+00	9.5512e+00	-3.1818e+01	-3.5830e+01
	1841	0.0000e+00	0.0000e+00	0.0000e+00	2.0166e+01	2.3893e+01	-2.2328e+01
	88	0.0000e+00	0.0000e+00	0.0000e+00	-1.8957e+01	3.7046e+01	-9.9759e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	7.2677e+01	6.4964e+01	-2.3477e+01
735	1514	0.0000e+00	0.0000e+00	0.0000e+00	1.9045e+00	-2.6587e+01	-2.2494e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	6.5614e+00	-5.8818e+00	-1.9135e+01
	1841	0.0000e+00	0.0000e+00	0.0000e+00	5.7112e+00	1.6221e+00	-2.2772e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	8.7271e+00	3.0511e+01	-2.6132e+01
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	-1.1581e+00	-2.5921e+01	-1.4637e+01
	1839	0.0000e+00	0.0000e+00	0.0000e+00	2.5381e+00	-1.4903e+01	-1.4340e+01

1840 0.0000e+00 0.0000e+00 0.0000e+00 -7.1533e-01 -1.2655e+01 -1.9734e+01  
1514 0.0000e+00 0.0000e+00 0.0000e+00 2.6237e+00 1.0499e+01 -2.0031e+01

737 1512 0.0000e+00 0.0000e+00 0.0000e+00 -2.9007e+00 -2.4221e+01 -7.1623e+00  
1838 0.0000e+00 0.0000e+00 0.0000e+00 7.6583e-01 -2.0934e+01 -6.9913e+00  
1839 0.0000e+00 0.0000e+00 0.0000e+00 -1.2317e+00 -1.9633e+01 -1.2855e+01  
1513 0.0000e+00 0.0000e+00 0.0000e+00 -5.9913e-01 -3.1516e+00 -1.3027e+01

738 1511 0.0000e+00 0.0000e+00 0.0000e+00 -4.6896e+00 -2.1008e+01 6.0510e-01  
1837 0.0000e+00 0.0000e+00 0.0000e+00 -4.7587e-01 -2.4335e+01 1.2484e+00  
1838 0.0000e+00 0.0000e+00 0.0000e+00 -1.2966e+00 -2.3522e+01 -5.0885e+00  
1512 0.0000e+00 0.0000e+00 0.0000e+00 -2.7252e+00 -1.2591e+01 -5.7318e+00

739 1510 0.0000e+00 0.0000e+00 0.0000e+00 -6.8031e+00 -1.6125e+01 9.2743e+00  
1836 0.0000e+00 0.0000e+00 0.0000e+00 -1.5011e+00 -2.5696e+01 1.0443e+01  
1837 0.0000e+00 0.0000e+00 0.0000e+00 -1.2834e+00 -2.5185e+01 3.3515e+00  
1511 0.0000e+00 0.0000e+00 0.0000e+00 -4.9440e+00 -1.8801e+01 2.1833e+00

740 1509 0.0000e+00 0.0000e+00 0.0000e+00 -8.7731e+00 -9.3722e+00 1.9410e+01  
1835 0.0000e+00 0.0000e+00 0.0000e+00 -2.0225e+00 -2.5173e+01 2.0693e+01  
1836 0.0000e+00 0.0000e+00 0.0000e+00 -1.1123e+00 -2.4999e+01 1.2581e+01  
1510 0.0000e+00 0.0000e+00 0.0000e+00 -7.4027e+00 -2.2548e+01 1.1298e+01

741 1508 0.0000e+00 0.0000e+00 0.0000e+00 -7.7227e+00 1.5326e-01 3.1392e+01  
1834 0.0000e+00 0.0000e+00 0.0000e+00 -8.5448e-01 -2.1812e+01 3.1031e+01  
1835 0.0000e+00 0.0000e+00 0.0000e+00 1.7638e-01 -2.2778e+01 2.2241e+01  
1509 0.0000e+00 0.0000e+00 0.0000e+00 -9.3957e+00 -2.4967e+01 2.2602e+01

742 1507 0.0000e+00 0.0000e+00 0.0000e+00 1.9863e+00 1.6104e+01 4.3278e+01  
1833 0.0000e+00 0.0000e+00 0.0000e+00 1.6262e+01 -5.3741e+00 3.2898e+01  
1834 0.0000e+00 0.0000e+00 0.0000e+00 7.3042e+00 -1.8884e+01 2.7417e+01  
1508 0.0000e+00 0.0000e+00 0.0000e+00 -7.5098e+00 -2.8029e+01 3.7797e+01

743 32 0.0000e+00 0.0000e+00 0.0000e+00 1.5919e+02 5.8185e+01 3.1042e+01  
87 0.0000e+00 0.0000e+00 0.0000e+00 -3.1299e+01 7.0547e+01 -1.2926e+01  
1833 0.0000e+00 0.0000e+00 0.0000e+00 4.2258e+01 2.8719e+01 2.6034e+01  
1507 0.0000e+00 0.0000e+00 0.0000e+00 7.4670e+00 -4.6577e+01 7.0002e+01

744 1446 0.0000e+00 0.0000e+00 0.0000e+00 7.6132e+00 -3.6055e+01 -7.6590e+01  
1832 0.0000e+00 0.0000e+00 0.0000e+00 3.8419e+01 3.8107e+01 -3.4886e+01  
87 0.0000e+00 0.0000e+00 0.0000e+00 -3.3135e+01 7.6749e+01 1.7094e-01  
32 0.0000e+00 0.0000e+00 0.0000e+00 1.6072e+02 7.9204e+01 -4.1533e+01

745 1445 0.0000e+00 0.0000e+00 0.0000e+00 -7.8131e+00 -1.7522e+01 -4.3845e+01  
1831 0.0000e+00 0.0000e+00 0.0000e+00 6.4764e+00 -4.0182e+00 -3.5594e+01  
1832 0.0000e+00 0.0000e+00 0.0000e+00 9.9934e+00 5.3664e+00 -4.2284e+01  
1446 0.0000e+00 0.0000e+00 0.0000e+00 4.8045e+00 3.2554e+01 -5.0535e+01

746 1444 0.0000e+00 0.0000e+00 0.0000e+00 -1.0007e+01 -1.5686e+01 -2.8961e+01  
1830 0.0000e+00 0.0000e+00 0.0000e+00 5.9006e-01 -1.0147e+01 -2.8908e+01  
1831 0.0000e+00 0.0000e+00 0.0000e+00 -1.8972e+00 -9.4473e+00 -3.7825e+01  
1445 0.0000e+00 0.0000e+00 0.0000e+00 -7.4151e+00 1.4330e+01 -3.7878e+01

747 1443 0.0000e+00 0.0000e+00 0.0000e+00 -9.0161e+00 -1.5484e+01 -1.7898e+01  
1829 0.0000e+00 0.0000e+00 0.0000e+00 -6.8361e-01 -1.4360e+01 -1.8857e+01  
1830 0.0000e+00 0.0000e+00 0.0000e+00 -2.6119e+00 -1.4427e+01 -2.7100e+01  
1444 0.0000e+00 0.0000e+00 0.0000e+00 -8.9633e+00 3.5569e+00 -2.6141e+01

748 1442 0.0000e+00 0.0000e+00 0.0000e+00 -8.3048e+00 -1.4722e+01 -8.4924e+00  
1828 0.0000e+00 0.0000e+00 0.0000e+00 -1.1330e+00 -1.6983e+01 -9.0795e+00  
1829 0.0000e+00 0.0000e+00 0.0000e+00 -2.3593e+00 -1.6991e+01 -1.6600e+01  
1443 0.0000e+00 0.0000e+00 0.0000e+00 -8.2268e+00 -3.8691e+00 -1.6013e+01

749 1441 0.0000e+00 0.0000e+00 0.0000e+00 -8.4668e+00 -1.2825e+01 4.8689e-01  
1827 0.0000e+00 0.0000e+00 0.0000e+00 -1.5250e+00 -1.8543e+01 5.0414e-01  
1828 0.0000e+00 0.0000e+00 0.0000e+00 -2.0117e+00 -1.8338e+01 -6.8175e+00  
1442 0.0000e+00 0.0000e+00 0.0000e+00 -7.9464e+00 -9.0792e+00 -6.8348e+00

750 1440 0.0000e+00 0.0000e+00 0.0000e+00 -9.3027e+00 -9.5954e+00 9.9225e+00  
1826 0.0000e+00 0.0000e+00 0.0000e+00 -1.8540e+00 -1.9113e+01 1.0384e+01  
1827 0.0000e+00 0.0000e+00 0.0000e+00 -1.7330e+00 -1.8746e+01 2.7158e+00  
1441 0.0000e+00 0.0000e+00 0.0000e+00 -8.5219e+00 -1.2579e+01 2.2546e+00

751 1439 0.0000e+00 0.0000e+00 0.0000e+00 -9.0141e+00 -4.5327e+00 2.0486e+01  
1825 0.0000e+00 0.0000e+00 0.0000e+00 -1.5630e+00 -1.8054e+01 2.0444e+01  
1826 0.0000e+00 0.0000e+00 0.0000e+00 -1.0484e+00 -1.8124e+01 1.2296e+01  
1440 0.0000e+00 0.0000e+00 0.0000e+00 -9.6112e+00 -1.4979e+01 1.2338e+01

752 1438 0.0000e+00 0.0000e+00 0.0000e+00 -1.5958e+00 4.6955e+00 3.1560e+01



	1824	0.0000e+00	0.0000e+00	0.0000e+00	6.2398e+00	-9.5850e+00	2.5986e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	2.7093e+00	-1.6508e+01	1.9622e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-8.9651e+00	-1.7771e+01	2.5196e+01
753	31	0.0000e+00	0.0000e+00	0.0000e+00	1.0701e+02	3.1236e+01	2.3947e+01
	86	0.0000e+00	0.0000e+00	0.0000e+00	-1.9967e+01	4.8681e+01	-7.1479e+00
	1824	0.0000e+00	0.0000e+00	0.0000e+00	2.5897e+01	8.6795e+00	2.0147e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	3.3736e-01	-2.9705e+01	5.1242e+01
754	1823	0.0000e+00	0.0000e+00	0.0000e+00	-2.5687e+01	-2.2154e+01	-4.3854e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	-2.1476e+01	3.0867e+01	-3.2029e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-7.9195e+01	-6.4129e+01	-2.2437e+01
	77	0.0000e+00	0.0000e+00	0.0000e+00	-1.7112e+01	-3.2690e+01	5.2064e+00
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	-8.2522e+00	6.3829e-01	-1.1545e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-4.0204e+00	2.2096e+01	-1.8872e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	-1.7065e+01	-3.0422e+01	-2.0541e+01
	1823	0.0000e+00	0.0000e+00	0.0000e+00	-8.2339e+00	-5.2080e+00	-1.3214e+01
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	-2.7347e+00	9.7806e+00	-9.4837e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	1.7637e+00	1.9898e+01	-1.1249e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-3.5387e+00	-1.2040e+01	-1.5427e+01
	1822	0.0000e+00	0.0000e+00	0.0000e+00	-5.7008e-01	7.4786e+00	-1.3662e+01
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	-5.6046e-01	1.5390e+01	-3.8199e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	4.1732e+00	1.8629e+01	-4.3638e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	1.5852e+00	-4.6219e-01	-9.3865e+00
	1821	0.0000e+00	0.0000e+00	0.0000e+00	1.0606e+00	1.4077e+01	-8.8426e+00
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	6.1594e-01	1.8735e+01	3.1412e+00
	684	0.0000e+00	0.0000e+00	0.0000e+00	5.8756e+00	1.6773e+01	2.6143e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	4.0425e+00	7.3518e+00	-2.9361e+00
	1820	0.0000e+00	0.0000e+00	0.0000e+00	1.5124e+00	1.7878e+01	-2.4092e+00
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	1.3783e+00	2.0512e+01	1.0992e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	7.5012e+00	1.3921e+01	1.0266e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	5.9719e+00	1.2603e+01	4.0952e+00
	1819	0.0000e+00	0.0000e+00	0.0000e+00	1.6173e+00	1.9897e+01	4.8210e+00
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	1.4876e+00	2.0850e+01	1.9536e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	8.5285e+00	9.7392e+00	1.9049e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	7.7638e+00	1.6124e+01	1.2154e+01
	1818	0.0000e+00	0.0000e+00	0.0000e+00	1.3873e+00	2.0527e+01	1.2641e+01
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	-4.5253e-01	1.8763e+01	2.7485e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	5.7817e+00	3.1845e+00	2.9214e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	8.5906e+00	1.9102e+01	2.2108e+01
	1817	0.0000e+00	0.0000e+00	0.0000e+00	-1.8913e-01	1.9510e+01	2.0380e+01
762	1815	0.0000e+00	0.0000e+00	0.0000e+00	-1.6054e+01	6.0031e+00	2.6865e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-9.0677e+00	-9.6324e+00	3.9197e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	4.5202e+00	2.4015e+01	3.5667e+01
	1816	0.0000e+00	0.0000e+00	0.0000e+00	-7.7203e+00	1.6320e+01	2.3336e+01
763	76	0.0000e+00	0.0000e+00	0.0000e+00	-1.0507e+01	-5.7034e+01	-1.9228e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.4017e+02	-4.5164e+01	3.2470e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-1.6731e+01	4.2294e+01	6.4192e+01
	1815	0.0000e+00	0.0000e+00	0.0000e+00	-4.2035e+01	-1.7211e+01	1.2494e+01
764	1814	0.0000e+00	0.0000e+00	0.0000e+00	-3.8289e+01	-2.9252e+01	-1.8645e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-1.6522e+01	3.2412e+01	-6.7436e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.4176e+02	-7.0730e+01	-3.9140e+01
	76	0.0000e+00	0.0000e+00	0.0000e+00	-8.4647e+00	-6.6946e+01	9.6511e+00
765	1813	0.0000e+00	0.0000e+00	0.0000e+00	-6.9978e+00	1.0237e+00	-2.9126e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	5.2060e+00	1.4066e+01	-3.9008e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-1.1044e+01	-2.8792e+01	-4.3232e+01
	1814	0.0000e+00	0.0000e+00	0.0000e+00	-1.0072e+01	-7.1091e+00	-3.3351e+01
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	-6.2097e-01	6.9348e+00	-2.4819e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	9.1942e+00	1.1135e+01	-2.5861e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	5.5923e+00	-1.2997e+01	-3.3081e+01
	1813	0.0000e+00	0.0000e+00	0.0000e+00	9.4333e-01	5.9715e+00	-3.2039e+01
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	8.3958e-01	1.0501e+01	-1.6582e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	9.1443e+00	1.0946e+01	-1.6125e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	8.5710e+00	-4.4957e+00	-2.3192e+01
	1812	0.0000e+00	0.0000e+00	0.0000e+00	2.3080e+00	1.0404e+01	-2.3649e+01

768	1810	0.0000e+00	0.0000e+00	0.0000e+00	1.2778e+00	1.2858e+01	-8.1263e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	8.8695e+00	1.0959e+01	-7.7251e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	8.5466e+00	1.0854e+00	-1.4358e+01
	1811	0.0000e+00	0.0000e+00	0.0000e+00	2.3852e+00	1.2754e+01	-1.4759e+01
769	1809	0.0000e+00	0.0000e+00	0.0000e+00	1.5339e+00	1.4592e+01	2.9344e-01
	566	0.0000e+00	0.0000e+00	0.0000e+00	9.0957e+00	1.0535e+01	3.5988e-01
	568	0.0000e+00	0.0000e+00	0.0000e+00	8.5067e+00	5.0216e+00	-6.1595e+00
	1810	0.0000e+00	0.0000e+00	0.0000e+00	2.2529e+00	1.4299e+01	-6.2260e+00
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	1.6125e+00	1.5790e+01	8.8957e+00
	564	0.0000e+00	0.0000e+00	0.0000e+00	9.5880e+00	9.4125e+00	8.8095e+00
	566	0.0000e+00	0.0000e+00	0.0000e+00	8.9520e+00	7.9033e+00	2.0463e+00
	1809	0.0000e+00	0.0000e+00	0.0000e+00	2.0799e+00	1.5360e+01	2.1326e+00
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	7.9424e-01	1.5777e+01	1.7244e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	8.3378e+00	7.0076e+00	1.8102e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	9.4730e+00	1.0410e+01	1.1162e+01
	1808	0.0000e+00	0.0000e+00	0.0000e+00	1.3356e+00	1.5835e+01	1.0305e+01
772	1806	0.0000e+00	0.0000e+00	0.0000e+00	-6.5691e+00	9.4454e+00	2.0495e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-2.4950e+00	8.1521e-01	2.7557e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	7.5072e+00	1.4321e+01	2.2915e+01
	1807	0.0000e+00	0.0000e+00	0.0000e+00	-2.7612e+00	1.5187e+01	1.5853e+01
773	75	0.0000e+00	0.0000e+00	0.0000e+00	-1.0991e+01	-3.8410e+01	-1.2844e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	-9.3957e+01	-2.0676e+01	2.4252e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-6.8453e+00	2.6805e+01	4.6257e+01
	1806	0.0000e+00	0.0000e+00	0.0000e+00	-2.5559e+01	-4.7183e-01	9.1605e+00
774	1805	0.0000e+00	0.0000e+00	0.0000e+00	-2.1106e+01	-2.1739e+01	-1.5299e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-1.0471e+01	1.6382e+01	-4.0918e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-7.4756e+01	-5.0384e+01	-2.7782e+01
	74	0.0000e+00	0.0000e+00	0.0000e+00	-6.9191e+00	-3.9131e+01	-2.1639e+00
775	1804	0.0000e+00	0.0000e+00	0.0000e+00	-4.6257e+00	-4.2580e+00	-2.1192e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	1.6997e+00	7.0095e+00	-2.6315e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-7.7532e+00	-2.4272e+01	-2.8506e+01
	1805	0.0000e+00	0.0000e+00	0.0000e+00	-5.1924e+00	-8.5221e+00	-2.3383e+01
776	1803	0.0000e+00	0.0000e+00	0.0000e+00	-1.0219e+00	5.2227e-01	-1.9146e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	4.0121e+00	6.0337e+00	-1.9572e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	1.6113e+00	-1.3147e+01	-2.3224e+01
	1804	0.0000e+00	0.0000e+00	0.0000e+00	5.4604e-01	-1.6586e-01	-2.2798e+01
777	1802	0.0000e+00	0.0000e+00	0.0000e+00	-9.8736e-02	3.5805e+00	-1.5111e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	4.0580e+00	6.5379e+00	-1.4732e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	3.4318e+00	-6.6625e+00	-1.8225e+01
	1803	0.0000e+00	0.0000e+00	0.0000e+00	1.2676e+00	3.4393e+00	-1.8603e+01
778	1801	0.0000e+00	0.0000e+00	0.0000e+00	2.1831e-01	5.7188e+00	-1.1085e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	3.9195e+00	7.1965e+00	-1.0733e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	3.5328e+00	-2.2728e+00	-1.3883e+01
	1802	0.0000e+00	0.0000e+00	0.0000e+00	1.2928e+00	5.6476e+00	-1.4235e+01
779	1800	0.0000e+00	0.0000e+00	0.0000e+00	3.9805e-01	7.3820e+00	-7.2584e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	4.0077e+00	7.7798e+00	-7.0750e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	3.5391e+00	8.4303e-01	-1.0015e+01
	1801	0.0000e+00	0.0000e+00	0.0000e+00	1.2252e+00	7.2547e+00	-1.0199e+01
780	1799	0.0000e+00	0.0000e+00	0.0000e+00	4.9234e-01	8.7664e+00	-3.5282e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	4.2819e+00	8.3058e+00	-3.4473e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	3.7443e+00	3.0993e+00	-6.3444e+00
	1800	0.0000e+00	0.0000e+00	0.0000e+00	1.1882e+00	8.5645e+00	-6.4253e+00
781	1798	0.0000e+00	0.0000e+00	0.0000e+00	2.8866e-01	9.7859e+00	2.4380e-02
	445	0.0000e+00	0.0000e+00	0.0000e+00	4.1202e+00	8.7431e+00	3.6663e-01
	447	0.0000e+00	0.0000e+00	0.0000e+00	4.0456e+00	4.8640e+00	-2.5109e+00
	1799	0.0000e+00	0.0000e+00	0.0000e+00	1.0326e+00	9.7071e+00	-2.8532e+00
782	1797	0.0000e+00	0.0000e+00	0.0000e+00	-1.9972e+00	8.6588e+00	1.7555e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	9.1976e-01	8.5409e+00	4.0980e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	3.6541e+00	6.7588e+00	2.1296e+00
	1798	0.0000e+00	0.0000e+00	0.0000e+00	-1.5059e-01	1.0667e+01	-2.1294e-01
783	73	0.0000e+00	0.0000e+00	0.0000e+00	-4.2742e+00	-8.8961e+00	-1.0346e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.9149e+01	4.6271e+00	2.4533e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-6.3485e-01	1.0600e+01	1.0698e+01

1797 0.0000e+00 0.0000e+00 0.0000e+00 -7.7572e+00 7.2592e+00 -2.1020e+00

784 1371 0.0000e+00 0.0000e+00 0.0000e+00 4.9103e+00 -1.8559e+01 -4.7345e+01  
1796 0.0000e+00 0.0000e+00 0.0000e+00 2.0494e+01 2.6513e+01 -2.6938e+01  
85 0.0000e+00 0.0000e+00 0.0000e+00 -1.8791e+01 4.2669e+01 -1.0677e+01  
30 0.0000e+00 0.0000e+00 0.0000e+00 8.4103e+01 5.4480e+01 -3.1084e+01

785 1370 0.0000e+00 0.0000e+00 0.0000e+00 -3.1863e+00 -9.0337e+00 -3.0495e+01  
1795 0.0000e+00 0.0000e+00 0.0000e+00 4.1976e+00 2.2542e+00 -2.6472e+01  
1796 0.0000e+00 0.0000e+00 0.0000e+00 5.0446e+00 7.0108e+00 -3.0202e+01  
1371 0.0000e+00 0.0000e+00 0.0000e+00 3.8340e+00 2.5928e+01 -3.4225e+01

786 1369 0.0000e+00 0.0000e+00 0.0000e+00 -4.4511e+00 -8.5754e+00 -2.2846e+01  
1794 0.0000e+00 0.0000e+00 0.0000e+00 9.6138e-01 -2.4917e+00 -2.2976e+01  
1795 0.0000e+00 0.0000e+00 0.0000e+00 -1.0901e+00 -2.0361e+00 -2.7603e+01  
1370 0.0000e+00 0.0000e+00 0.0000e+00 -2.6545e+00 1.3513e+01 -2.7473e+01

787 1368 0.0000e+00 0.0000e+00 0.0000e+00 -4.0109e+00 -8.9713e+00 -1.7286e+01  
1793 0.0000e+00 0.0000e+00 0.0000e+00 1.5018e-01 -5.7906e+00 -1.7911e+01  
1794 0.0000e+00 0.0000e+00 0.0000e+00 -1.4183e+00 -5.8043e+00 -2.2056e+01  
1369 0.0000e+00 0.0000e+00 0.0000e+00 -3.6641e+00 5.8551e+00 -2.1431e+01

788 1367 0.0000e+00 0.0000e+00 0.0000e+00 -3.6622e+00 -9.1599e+00 -1.2753e+01  
1792 0.0000e+00 0.0000e+00 0.0000e+00 -1.7255e-01 -7.9617e+00 -1.3183e+01  
1793 0.0000e+00 0.0000e+00 0.0000e+00 -1.2674e+00 -8.0175e+00 -1.6800e+01  
1368 0.0000e+00 0.0000e+00 0.0000e+00 -3.4092e+00 5.7826e-01 -1.6369e+01

789 1366 0.0000e+00 0.0000e+00 0.0000e+00 -3.7081e+00 -8.9752e+00 -8.6608e+00  
1791 0.0000e+00 0.0000e+00 0.0000e+00 -4.1418e-01 -9.4309e+00 -8.8001e+00  
1792 0.0000e+00 0.0000e+00 0.0000e+00 -1.0920e+00 -9.4237e+00 -1.2120e+01  
1367 0.0000e+00 0.0000e+00 0.0000e+00 -3.3028e+00 -3.0892e+00 -1.1980e+01

790 1365 0.0000e+00 0.0000e+00 0.0000e+00 -4.0964e+00 -8.4813e+00 -4.6197e+00  
1790 0.0000e+00 0.0000e+00 0.0000e+00 -6.1101e-01 -1.0400e+01 -4.5399e+00  
1791 0.0000e+00 0.0000e+00 0.0000e+00 -9.9865e-01 -1.0315e+01 -7.8073e+00  
1366 0.0000e+00 0.0000e+00 0.0000e+00 -3.5527e+00 -5.5497e+00 -7.8872e+00

791 1364 0.0000e+00 0.0000e+00 0.0000e+00 -4.2662e+00 -7.6918e+00 -3.4344e-01  
1789 0.0000e+00 0.0000e+00 0.0000e+00 -5.9584e-01 -1.0799e+01 -3.6713e-01  
1790 0.0000e+00 0.0000e+00 0.0000e+00 -8.4924e-01 -1.0837e+01 -3.6781e+00  
1365 0.0000e+00 0.0000e+00 0.0000e+00 -4.0591e+00 -7.1714e+00 -3.6544e+00

792 1363 0.0000e+00 0.0000e+00 0.0000e+00 -2.1221e+00 -6.1112e+00 3.8739e+00  
1788 0.0000e+00 0.0000e+00 0.0000e+00 1.7502e+00 -8.5427e+00 2.0755e+00  
1789 0.0000e+00 0.0000e+00 0.0000e+00 2.4762e-01 -1.1150e+01 -4.0510e-01  
1364 0.0000e+00 0.0000e+00 0.0000e+00 -4.1364e+00 -8.5071e+00 1.3933e+00

793 29 0.0000e+00 0.0000e+00 0.0000e+00 3.2997e+01 -7.6990e-02 3.3397e-01  
84 0.0000e+00 0.0000e+00 0.0000e+00 -4.4448e+00 1.4234e+01 -1.0828e+01  
1788 0.0000e+00 0.0000e+00 0.0000e+00 8.2125e+00 -4.6298e+00 -3.5038e-01  
1363 0.0000e+00 0.0000e+00 0.0000e+00 -1.4889e+00 -1.1751e+01 1.0812e+01

794 1296 0.0000e+00 0.0000e+00 0.0000e+00 1.4891e+00 1.1750e+01 1.0812e+01  
1787 0.0000e+00 0.0000e+00 0.0000e+00 -8.2123e+00 4.6300e+00 -3.5049e-01  
82 0.0000e+00 0.0000e+00 0.0000e+00 4.4446e+00 -1.4233e+01 -1.0828e+01  
27 0.0000e+00 0.0000e+00 0.0000e+00 -3.2996e+01 7.8074e-02 3.3402e-01

795 1295 0.0000e+00 0.0000e+00 0.0000e+00 4.1366e+00 8.5063e+00 1.3932e+00  
1786 0.0000e+00 0.0000e+00 0.0000e+00 -2.4747e-01 1.1149e+01 -4.0517e-01  
1787 0.0000e+00 0.0000e+00 0.0000e+00 -1.7502e+00 8.5425e+00 2.0754e+00  
1296 0.0000e+00 0.0000e+00 0.0000e+00 2.1224e+00 6.1116e+00 3.8738e+00

796 1294 0.0000e+00 0.0000e+00 0.0000e+00 4.0593e+00 7.1705e+00 -3.6545e+00  
1785 0.0000e+00 0.0000e+00 0.0000e+00 8.4935e-01 1.0836e+01 -3.6782e+00  
1786 0.0000e+00 0.0000e+00 0.0000e+00 5.9586e-01 1.0798e+01 -3.6720e-01  
1295 0.0000e+00 0.0000e+00 0.0000e+00 4.2664e+00 7.6918e+00 -3.4349e-01

797 1293 0.0000e+00 0.0000e+00 0.0000e+00 3.5529e+00 5.5489e+00 -7.8871e+00  
1784 0.0000e+00 0.0000e+00 0.0000e+00 9.9873e-01 1.0314e+01 -7.8073e+00  
1785 0.0000e+00 0.0000e+00 0.0000e+00 6.1106e-01 1.0399e+01 -4.5399e+00  
1294 0.0000e+00 0.0000e+00 0.0000e+00 4.0966e+00 8.4809e+00 -4.6197e+00

798 1292 0.0000e+00 0.0000e+00 0.0000e+00 3.3031e+00 3.0887e+00 -1.1980e+01  
1783 0.0000e+00 0.0000e+00 0.0000e+00 1.0920e+00 9.4231e+00 -1.2120e+01  
1784 0.0000e+00 0.0000e+00 0.0000e+00 4.1426e-01 9.4303e+00 -8.8001e+00  
1293 0.0000e+00 0.0000e+00 0.0000e+00 3.7084e+00 8.9745e+00 -8.6608e+00

799 1291 0.0000e+00 0.0000e+00 0.0000e+00 3.4095e+00 -5.7838e-01 -1.6369e+01  
1782 0.0000e+00 0.0000e+00 0.0000e+00 1.2674e+00 8.0171e+00 -1.6800e+01

	1783	0.0000e+00	0.0000e+00	0.0000e+00	1.7269e-01	7.9612e+00	-1.3183e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	3.6625e+00	9.1591e+00	-1.2752e+01
800	1290	0.0000e+00	0.0000e+00	0.0000e+00	3.6646e+00	-5.8547e+00	-2.1431e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	1.4183e+00	5.8041e+00	-2.2056e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	-1.4998e-01	5.7903e+00	-1.7911e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	4.0112e+00	8.9704e+00	-1.7286e+01
801	1289	0.0000e+00	0.0000e+00	0.0000e+00	2.6552e+00	-1.3511e+01	-2.7473e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	1.0901e+00	2.0364e+00	-2.7603e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-9.6110e-01	2.4919e+00	-2.2976e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	4.4516e+00	8.5745e+00	-2.2846e+01
802	1288	0.0000e+00	0.0000e+00	0.0000e+00	-3.8332e+00	-2.5926e+01	-3.4225e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-5.0446e+00	-7.0097e+00	-3.0202e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	-4.1972e+00	-2.2534e+00	-2.6472e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	3.1869e+00	9.0330e+00	-3.0495e+01
803	26	0.0000e+00	0.0000e+00	0.0000e+00	-8.4102e+01	-5.4476e+01	-3.1085e+01
	81	0.0000e+00	0.0000e+00	0.0000e+00	1.8791e+01	-4.2667e+01	-1.0678e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-2.0493e+01	-2.6511e+01	-2.6938e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-4.9096e+00	1.8558e+01	-4.7345e+01
804	1778	0.0000e+00	0.0000e+00	0.0000e+00	7.7575e+00	-7.2582e+00	-2.1016e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	6.3541e-01	-1.0599e+01	1.0698e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	2.9149e+01	-4.6253e+00	2.4536e+00
	71	0.0000e+00	0.0000e+00	0.0000e+00	4.2745e+00	8.8974e+00	-1.0346e+01
805	1777	0.0000e+00	0.0000e+00	0.0000e+00	1.5079e-01	-1.0666e+01	-2.1224e-01
	340	0.0000e+00	0.0000e+00	0.0000e+00	-3.6536e+00	-6.7586e+00	2.1303e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	-9.1913e-01	-8.5397e+00	4.0985e+00
	1778	0.0000e+00	0.0000e+00	0.0000e+00	1.9972e+00	-8.6579e+00	1.7560e+00
806	1776	0.0000e+00	0.0000e+00	0.0000e+00	-1.0325e+00	-9.7065e+00	-2.8523e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-4.0452e+00	-4.8638e+00	-2.5101e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	-4.1197e+00	-8.7424e+00	3.6737e-01
	1777	0.0000e+00	0.0000e+00	0.0000e+00	-2.8858e-01	-9.7852e+00	2.5099e-02
807	1775	0.0000e+00	0.0000e+00	0.0000e+00	-1.1881e+00	-8.5640e+00	-6.4244e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-3.7439e+00	-3.0989e+00	-6.3434e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-4.2815e+00	-8.3053e+00	-3.4464e+00
	1776	0.0000e+00	0.0000e+00	0.0000e+00	-4.9225e-01	-8.7659e+00	-3.5274e+00
808	1774	0.0000e+00	0.0000e+00	0.0000e+00	-1.2252e+00	-7.2542e+00	-1.0197e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-3.5389e+00	-8.4244e-01	-1.0014e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	-4.0074e+00	-7.7795e+00	-7.0740e+00
	1775	0.0000e+00	0.0000e+00	0.0000e+00	-3.9795e-01	-7.3815e+00	-7.2574e+00
809	1773	0.0000e+00	0.0000e+00	0.0000e+00	-1.2928e+00	-5.6469e+00	-1.4233e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-3.5326e+00	2.2736e+00	-1.3882e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-3.9193e+00	-7.1962e+00	-1.0732e+01
	1774	0.0000e+00	0.0000e+00	0.0000e+00	-2.1822e-01	-5.7182e+00	-1.1084e+01
810	1772	0.0000e+00	0.0000e+00	0.0000e+00	-1.2676e+00	-3.4385e+00	-1.8602e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-3.4316e+00	6.6634e+00	-1.8224e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-4.0578e+00	-6.5375e+00	-1.4731e+01
	1773	0.0000e+00	0.0000e+00	0.0000e+00	9.8812e-02	-3.5797e+00	-1.5109e+01
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	-5.4607e-01	1.6681e-01	-2.2797e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-1.6113e+00	1.3149e+01	-2.3223e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-4.0120e+00	-6.0331e+00	-1.9571e+01
	1772	0.0000e+00	0.0000e+00	0.0000e+00	1.0219e+00	-5.2136e-01	-1.9145e+01
812	1770	0.0000e+00	0.0000e+00	0.0000e+00	5.1924e+00	8.5231e+00	-2.3381e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	7.7530e+00	2.4273e+01	-2.8505e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-1.6997e+00	-7.0087e+00	-2.6314e+01
	1771	0.0000e+00	0.0000e+00	0.0000e+00	4.6257e+00	4.2590e+00	-2.1190e+01
813	70	0.0000e+00	0.0000e+00	0.0000e+00	6.9180e+00	3.9131e+01	-2.1629e+00
	4	0.0000e+00	0.0000e+00	0.0000e+00	7.4756e+01	5.0384e+01	-2.7781e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	1.0471e+01	-1.6381e+01	-4.0916e+01
	1770	0.0000e+00	0.0000e+00	0.0000e+00	2.1106e+01	2.1740e+01	-1.5298e+01
814	1769	0.0000e+00	0.0000e+00	0.0000e+00	2.5557e+01	4.6905e-01	9.1631e+00
	233	0.0000e+00	0.0000e+00	0.0000e+00	6.8415e+00	-2.6801e+01	4.6259e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	9.3953e+01	2.0668e+01	2.4254e+01
	69	0.0000e+00	0.0000e+00	0.0000e+00	1.0988e+01	3.8407e+01	-1.2842e+01
815	1768	0.0000e+00	0.0000e+00	0.0000e+00	2.7598e+00	-1.5188e+01	1.5854e+01

	231	0.0000e+00	0.0000e+00	0.0000e+00	-7.5096e+00	-1.4318e+01	2.2916e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	2.4912e+00	-8.1961e-01	2.7559e+01
	1769	0.0000e+00	0.0000e+00	0.0000e+00	6.5688e+00	-9.4468e+00	2.0497e+01
816	1767	0.0000e+00	0.0000e+00	0.0000e+00	-1.3365e+00	-1.5834e+01	1.0305e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	-9.4751e+00	-1.0407e+01	1.1163e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	-8.3404e+00	-7.0089e+00	1.8103e+01
	1768	0.0000e+00	0.0000e+00	0.0000e+00	-7.9464e-01	-1.5777e+01	1.7245e+01
817	1766	0.0000e+00	0.0000e+00	0.0000e+00	-2.0805e+00	-1.5358e+01	2.1330e+00
	227	0.0000e+00	0.0000e+00	0.0000e+00	-8.9542e+00	-7.9013e+00	2.0468e+00
	229	0.0000e+00	0.0000e+00	0.0000e+00	-9.5902e+00	-9.4117e+00	8.8102e+00
	1767	0.0000e+00	0.0000e+00	0.0000e+00	-1.6130e+00	-1.5789e+01	8.8963e+00
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	-2.2534e+00	-1.4298e+01	-6.2259e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	-8.5092e+00	-5.0212e+00	-6.1595e+00
	227	0.0000e+00	0.0000e+00	0.0000e+00	-9.0979e+00	-1.0532e+01	3.6023e-01
	1766	0.0000e+00	0.0000e+00	0.0000e+00	-1.5347e+00	-1.4591e+01	2.9375e-01
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	-2.3855e+00	-1.2754e+01	-1.4760e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-8.5497e+00	-1.0877e+00	-1.4359e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-8.8719e+00	-1.0956e+01	-7.7251e+00
	1765	0.0000e+00	0.0000e+00	0.0000e+00	-1.2788e+00	-1.2858e+01	-8.1263e+00
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	-2.3083e+00	-1.0406e+01	-2.3651e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-8.5749e+00	4.4897e+00	-2.3193e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-9.1471e+00	-1.0943e+01	-1.6125e+01
	1764	0.0000e+00	0.0000e+00	0.0000e+00	-8.4107e-01	-1.0503e+01	-1.6583e+01
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	-9.4373e-01	-5.9772e+00	-3.2042e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-5.5977e+00	1.2986e+01	-3.3084e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-9.1977e+00	-1.1132e+01	-2.5863e+01
	1763	0.0000e+00	0.0000e+00	0.0000e+00	6.1887e-01	-6.9393e+00	-2.4821e+01
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	1.0071e+01	7.0988e+00	-3.3355e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	1.1036e+01	2.8774e+01	-4.3236e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-5.2108e+00	-1.4064e+01	-3.9010e+01
	1762	0.0000e+00	0.0000e+00	0.0000e+00	6.9947e+00	-1.0327e+00	-2.9129e+01
823	68	0.0000e+00	0.0000e+00	0.0000e+00	8.4583e+00	6.6934e+01	9.6442e+00
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.4175e+02	7.0703e+01	-3.9144e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	1.6513e+01	-3.2411e+01	-6.7440e+01
	1761	0.0000e+00	0.0000e+00	0.0000e+00	3.8285e+01	2.9237e+01	-1.8652e+01
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	4.2031e+01	1.7194e+01	1.2492e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	1.6723e+01	-4.2302e+01	6.4187e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.4016e+02	4.5141e+01	3.2466e+01
	68	0.0000e+00	0.0000e+00	0.0000e+00	1.0499e+01	5.7018e+01	-1.9229e+01
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	7.7180e+00	-1.6335e+01	2.3331e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-4.5249e+00	-2.4023e+01	3.5660e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	9.0597e+00	9.6146e+00	3.9191e+01
	1760	0.0000e+00	0.0000e+00	0.0000e+00	1.6053e+01	-6.0183e+00	2.6862e+01
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	1.8787e-01	-1.9523e+01	2.0373e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-8.5931e+00	-1.9111e+01	2.2100e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-5.7862e+00	-3.1989e+00	2.9207e+01
	1759	0.0000e+00	0.0000e+00	0.0000e+00	4.5159e-01	-1.8776e+01	2.7479e+01
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	-1.3879e+00	-2.0538e+01	1.2633e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-7.7647e+00	-1.6133e+01	1.2145e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-8.5309e+00	-9.7516e+00	1.9041e+01
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-1.4880e+00	-2.0862e+01	1.9529e+01
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	-1.6174e+00	-1.9908e+01	4.8125e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	-5.9713e+00	-1.2612e+01	4.0859e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	-7.5020e+00	-1.3933e+01	1.0257e+01
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-1.3783e+00	-2.0523e+01	1.0984e+01
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	-1.5120e+00	-1.7888e+01	-2.4178e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-4.0400e+00	-7.3595e+00	-2.9454e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	-5.8748e+00	-1.6785e+01	2.6050e+00
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-6.1531e-01	-1.8745e+01	3.1326e+00
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	-1.0598e+00	-1.4085e+01	-8.8505e+00
	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.5804e+00	4.5742e-01	-9.3953e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-4.1706e+00	-1.8641e+01	-4.3731e+00
	1755	0.0000e+00	0.0000e+00	0.0000e+00	5.6189e-01	-1.5399e+01	-3.8283e+00

831	1753	0.0000e+00	0.0000e+00	0.0000e+00	5.7190e-01	-7.4834e+00	-1.3669e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	3.5471e+00	1.2041e+01	-1.5435e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.7587e+00	-1.9911e+01	-1.1258e+01
	1754	0.0000e+00	0.0000e+00	0.0000e+00	2.7374e+00	-9.7864e+00	-9.4912e+00
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	8.2375e+00	5.2077e+00	-1.3217e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	1.7081e+01	3.0431e+01	-2.0548e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	4.0294e+00	-2.2111e+01	-1.8880e+01
	1753	0.0000e+00	0.0000e+00	0.0000e+00	8.2573e+00	-6.3938e-01	-1.1550e+01
833	67	0.0000e+00	0.0000e+00	0.0000e+00	1.7126e+01	3.2689e+01	5.2070e+00
	1	0.0000e+00	0.0000e+00	0.0000e+00	7.9225e+01	6.4151e+01	-2.2445e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	2.1495e+01	-3.0885e+01	-3.2037e+01
	1752	0.0000e+00	0.0000e+00	0.0000e+00	2.5696e+01	2.2159e+01	-4.3848e+00
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	-3.3717e-01	2.9710e+01	5.1237e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-2.5896e+01	-8.6725e+00	2.0142e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	1.9967e+01	-4.8674e+01	-7.1517e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	-1.0701e+02	-3.1228e+01	2.3943e+01
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	8.9646e+00	1.7775e+01	2.5190e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-2.7091e+00	1.6513e+01	1.9617e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-6.2399e+00	9.5911e+00	2.5981e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	1.5960e+00	-4.6882e+00	3.1555e+01
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	9.6097e+00	1.4981e+01	1.2333e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	1.0484e+00	1.8129e+01	1.2291e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	1.5625e+00	1.8059e+01	2.0439e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	9.0136e+00	4.5398e+00	2.0481e+01
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	8.5194e+00	1.2579e+01	2.2492e+00
	1748	0.0000e+00	0.0000e+00	0.0000e+00	1.7329e+00	1.8749e+01	2.7105e+00
	1749	0.0000e+00	0.0000e+00	0.0000e+00	1.8531e+00	1.9116e+01	1.0378e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	9.3014e+00	9.6025e+00	9.9170e+00
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	7.9427e+00	9.0754e+00	-6.8399e+00
	1747	0.0000e+00	0.0000e+00	0.0000e+00	2.0116e+00	1.8339e+01	-6.8225e+00
	1748	0.0000e+00	0.0000e+00	0.0000e+00	1.5236e+00	1.8544e+01	4.9887e-01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	8.4646e+00	1.2832e+01	4.8153e-01
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	8.2217e+00	3.8596e+00	-1.6018e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	2.3592e+00	1.6989e+01	-1.6605e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	1.1309e+00	1.6982e+01	-9.0845e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	8.3016e+00	1.4728e+01	-8.4973e+00
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	8.9566e+00	-3.5743e+00	-2.6144e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	2.6119e+00	1.4419e+01	-2.7103e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	6.8075e-01	1.4354e+01	-1.8861e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	9.0118e+00	1.5489e+01	-1.7902e+01
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	7.4066e+00	-1.4358e+01	-3.7879e+01
	1744	0.0000e+00	0.0000e+00	0.0000e+00	1.8975e+00	9.4325e+00	-3.7826e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	-5.9386e-01	1.0135e+01	-2.8911e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	1.0001e+01	1.5689e+01	-2.8964e+01
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	-4.8149e+00	-3.2595e+01	-5.0533e+01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-9.9930e+00	-5.3911e+00	-4.2283e+01
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-6.4813e+00	3.9965e+00	-3.5595e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	7.8063e+00	1.7522e+01	-4.3845e+01
843	24	0.0000e+00	0.0000e+00	0.0000e+00	-1.6074e+02	-7.9264e+01	-4.1525e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	3.3141e+01	-7.6790e+01	1.7710e-01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-3.8426e+01	-3.8142e+01	-3.4885e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-7.6208e+00	3.6049e+01	-7.6587e+01
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	-7.4752e+00	4.6558e+01	7.0012e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-4.2263e+01	-2.8759e+01	2.6045e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	3.1304e+01	-7.0591e+01	-1.2919e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	-1.5920e+02	-5.8239e+01	3.1048e+01
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	7.5034e+00	2.8010e+01	3.7811e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-7.3076e+00	1.8852e+01	2.7430e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-1.6263e+01	5.3403e+00	3.2909e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-1.9954e+00	-1.6146e+01	4.3290e+01
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	9.3917e+00	2.4949e+01	2.2618e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-1.7859e-01	2.2751e+01	2.2256e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	8.5385e-01	2.1784e+01	3.1045e+01

	1151	0.0000e+00	0.0000e+00	0.0000e+00	7.7161e+00	-1.8716e-01	3.1406e+01
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	7.4014e+00	2.2530e+01	1.1315e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	1.1111e+00	2.4975e+01	1.2597e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	2.0223e+00	2.5149e+01	2.0708e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	8.7692e+00	9.3432e+00	1.9426e+01
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	4.9458e+00	1.8785e+01	2.2012e+00
	1738	0.0000e+00	0.0000e+00	0.0000e+00	1.2830e+00	2.5164e+01	3.3683e+00
	1739	0.0000e+00	0.0000e+00	0.0000e+00	1.5017e+00	2.5675e+01	1.0459e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	6.8021e+00	1.6099e+01	9.2919e+00
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.7302e+00	1.2580e+01	-5.7141e+00
	1737	0.0000e+00	0.0000e+00	0.0000e+00	1.2970e+00	2.3504e+01	-5.0718e+00
	1738	0.0000e+00	0.0000e+00	0.0000e+00	4.7741e-01	2.4317e+01	1.2653e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	4.6915e+00	2.0983e+01	6.2302e-01
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	6.0769e-01	3.1466e+00	-1.3010e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	1.2325e+00	1.9620e+01	-1.2840e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	-7.6306e-01	2.0919e+01	-6.9747e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.9058e+00	2.4196e+01	-7.1449e+00
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	-2.6115e+00	-1.0493e+01	-2.0017e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	7.1643e-01	1.2648e+01	-1.9720e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-2.5339e+00	1.4894e+01	-1.4325e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	1.1664e+00	2.5896e+01	-1.4621e+01
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	-8.7110e+00	-3.0491e+01	-2.6120e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-5.7100e+00	-1.6197e+00	-2.2760e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-6.5554e+00	5.8810e+00	-1.9121e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.8931e+00	2.6563e+01	-2.2480e+01
853	23	0.0000e+00	0.0000e+00	0.0000e+00	-7.2655e+01	-6.4923e+01	-2.3472e+01
	78	0.0000e+00	0.0000e+00	0.0000e+00	1.8954e+01	-3.7029e+01	-9.9678e+00
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-2.0158e+01	-2.3880e+01	-2.2316e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-9.5368e+00	3.1796e+01	-3.5819e+01
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	7.6780e+01	8.5264e+00	-2.1730e+00
	90	0.0000e+00	0.0000e+00	0.0000e+00	3.5067e+01	-1.7869e+01	9.7380e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	1.3787e+02	2.4782e+01	1.2175e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	-1.4338e+00	1.4898e+01	-1.0693e+01
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	4.6153e+01	1.0133e+01	-3.4352e+00
	1733	0.0000e+00	0.0000e+00	0.0000e+00	4.8382e+01	-8.4191e-01	-5.6242e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	9.6347e+01	1.7906e+01	-6.8144e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	-6.3310e+00	9.2373e+00	-4.6254e+00
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	2.3914e+01	8.0857e+00	3.0123e-01
	1732	0.0000e+00	0.0000e+00	0.0000e+00	2.8581e+01	-2.5381e+00	-2.0021e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	6.6972e+01	1.3100e+01	-3.6566e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.9232e+01	5.6820e+00	-1.3533e+00
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	4.7296e+00	6.5845e+00	2.4382e+00
	1731	0.0000e+00	0.0000e+00	0.0000e+00	8.8900e+00	-2.8692e+00	1.0674e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	4.3126e+01	9.4113e+00	-8.5142e-01
	163	0.0000e+00	0.0000e+00	0.0000e+00	-3.2336e+01	3.6759e+00	5.1941e-01
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	-1.2121e+01	5.5749e+00	3.5191e+00
	1730	0.0000e+00	0.0000e+00	0.0000e+00	-8.4995e+00	-2.9445e+00	2.8149e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	2.2747e+01	7.1160e+00	8.2821e-01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-4.4821e+01	2.4463e+00	1.5324e+00
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	-2.7311e+01	4.8307e+00	3.8666e+00
	1729	0.0000e+00	0.0000e+00	0.0000e+00	-2.3998e+01	-2.9157e+00	3.6505e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	4.7669e+00	5.6180e+00	1.7186e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	-5.6522e+01	1.6153e+00	1.9347e+00
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	-4.1293e+01	4.1429e+00	3.4903e+00
	1728	0.0000e+00	0.0000e+00	0.0000e+00	-3.8088e+01	-2.9096e+00	3.7652e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.1402e+01	4.5309e+00	2.0620e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	-6.7411e+01	7.7881e-01	1.7871e+00
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	-5.4157e+01	3.2733e+00	2.1712e+00
	1727	0.0000e+00	0.0000e+00	0.0000e+00	-5.1215e+01	-3.1001e+00	3.0403e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	-2.5876e+01	3.3767e+00	1.8979e+00
	119	0.0000e+00	0.0000e+00	0.0000e+00	-7.7703e+01	-7.8314e-01	1.0289e+00
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	-6.2842e+01	8.1783e-01	1.0368e+00
	1726	0.0000e+00	0.0000e+00	0.0000e+00	-6.3564e+01	-3.4700e+00	1.1244e+00

	119	0.0000e+00	0.0000e+00	0.0000e+00	-3.7645e+01	1.1918e+00	8.5205e-01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-8.8581e+01	-2.5683e+00	7.6443e-01
863	89	0.0000e+00	0.0000e+00	0.0000e+00	-2.8927e+01	1.7985e+01	2.2023e+01
	1725	0.0000e+00	0.0000e+00	0.0000e+00	-8.0097e+01	7.6413e-01	5.2802e+00
	99	0.0000e+00	0.0000e+00	0.0000e+00	-3.9309e+01	-2.9111e+00	-1.4897e+00
	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0428e+02	-7.0133e+00	1.5254e+01
864	773	0.0000e+00	0.0000e+00	0.0000e+00	1.4146e+00	-1.4899e+01	-1.0700e+01
	22	0.0000e+00	0.0000e+00	0.0000e+00	-1.3789e+02	-2.4785e+01	1.2086e+00
	96	0.0000e+00	0.0000e+00	0.0000e+00	-3.5090e+01	1.7869e+01	9.7283e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-7.6801e+01	-8.5271e+00	-2.1798e+00
865	763	0.0000e+00	0.0000e+00	0.0000e+00	6.3128e+00	-9.2383e+00	-4.6296e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	-9.6366e+01	-1.7906e+01	-6.8205e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-4.8402e+01	8.4155e-01	-5.6302e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	-4.6173e+01	-1.0133e+01	-3.4393e+00
866	753	0.0000e+00	0.0000e+00	0.0000e+00	1.9215e+01	-5.6831e+00	-1.3551e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	-6.6991e+01	-1.3101e+01	-3.6603e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	-2.8601e+01	2.5380e+00	-2.0056e+00
	1722	0.0000e+00	0.0000e+00	0.0000e+00	-2.3933e+01	-8.0861e+00	2.9952e-01
867	743	0.0000e+00	0.0000e+00	0.0000e+00	3.2321e+01	-3.6766e+00	5.1993e-01
	753	0.0000e+00	0.0000e+00	0.0000e+00	-4.3146e+01	-9.4125e+00	-8.5263e-01
	1722	0.0000e+00	0.0000e+00	0.0000e+00	-8.9093e+00	2.8693e+00	1.0662e+00
	1721	0.0000e+00	0.0000e+00	0.0000e+00	-4.7486e+00	-6.5849e+00	2.4388e+00
868	733	0.0000e+00	0.0000e+00	0.0000e+00	4.4808e+01	-2.4463e+00	1.5351e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	-2.2766e+01	-7.1169e+00	8.2931e-01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	8.4815e+00	2.9449e+00	2.8160e+00
	1720	0.0000e+00	0.0000e+00	0.0000e+00	1.2103e+01	-5.5754e+00	3.5217e+00
869	723	0.0000e+00	0.0000e+00	0.0000e+00	5.6512e+01	-1.6142e+00	1.9392e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	-4.7860e+00	-5.6183e+00	1.7217e+00
	1720	0.0000e+00	0.0000e+00	0.0000e+00	2.3982e+01	2.9165e+00	3.6536e+00
	1719	0.0000e+00	0.0000e+00	0.0000e+00	2.7295e+01	-4.8311e+00	3.8711e+00
870	713	0.0000e+00	0.0000e+00	0.0000e+00	6.7406e+01	-7.7633e-01	1.7931e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	1.1384e+01	-4.5302e+00	2.0669e+00
	1719	0.0000e+00	0.0000e+00	0.0000e+00	3.8074e+01	2.9109e+00	3.7700e+00
	1718	0.0000e+00	0.0000e+00	0.0000e+00	4.1280e+01	-4.1433e+00	3.4962e+00
871	703	0.0000e+00	0.0000e+00	0.0000e+00	7.7704e+01	7.8724e-01	1.0359e+00
	713	0.0000e+00	0.0000e+00	0.0000e+00	2.5858e+01	-3.3748e+00	1.9041e+00
	1718	0.0000e+00	0.0000e+00	0.0000e+00	5.1206e+01	3.1021e+00	3.0466e+00
	1717	0.0000e+00	0.0000e+00	0.0000e+00	5.4149e+01	-3.2737e+00	2.1783e+00
872	693	0.0000e+00	0.0000e+00	0.0000e+00	8.8592e+01	2.5746e+00	7.7161e-01
	703	0.0000e+00	0.0000e+00	0.0000e+00	3.7628e+01	-1.1886e+00	8.5918e-01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	6.3560e+01	3.4730e+00	1.1316e+00
	1716	0.0000e+00	0.0000e+00	0.0000e+00	6.2841e+01	-8.1809e-01	1.0440e+00
873	11	0.0000e+00	0.0000e+00	0.0000e+00	1.0430e+02	7.0276e+00	1.5257e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	3.9296e+01	2.9158e+00	-1.4816e+00
	1716	0.0000e+00	0.0000e+00	0.0000e+00	8.0102e+01	-7.5848e-01	5.2870e+00
	95	0.0000e+00	0.0000e+00	0.0000e+00	2.8942e+01	-1.7986e+01	2.2026e+01
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	-3.8961e+01	2.7696e+00	-8.4645e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	-9.4115e+01	4.3260e+00	7.6837e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	-2.8061e+01	1.4235e+01	1.4460e+01
	1715	0.0000e+00	0.0000e+00	0.0000e+00	-7.1549e+01	2.7127e+00	-1.6885e+00
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	-3.2119e+01	5.4364e+00	-7.0681e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-8.3740e+01	2.6181e+00	-6.4226e+00
	1715	0.0000e+00	0.0000e+00	0.0000e+00	-5.7264e+01	2.8579e+00	-5.2424e+00
	1714	0.0000e+00	0.0000e+00	0.0000e+00	-5.7257e+01	-2.2384e+00	-5.8879e+00
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	-1.6596e+01	6.7759e+00	-7.2667e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-7.4642e+01	2.9863e+00	-7.1415e+00
	1714	0.0000e+00	0.0000e+00	0.0000e+00	-4.7356e+01	4.7658e+00	-5.3206e+00
	1713	0.0000e+00	0.0000e+00	0.0000e+00	-4.3624e+01	-2.5385e+00	-5.4458e+00
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	1.5778e+00	7.7072e+00	-8.6178e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	-6.4161e+01	3.6336e+00	-7.6467e+00
	1713	0.0000e+00	0.0000e+00	0.0000e+00	-3.2422e+01	5.6772e+00	-5.4397e+00
	1712	0.0000e+00	0.0000e+00	0.0000e+00	-2.8149e+01	-2.6563e+00	-6.4108e+00
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	2.1484e+01	9.4515e+00	-1.0840e+01



	1476	0.0000e+00	0.0000e+00	0.0000e+00	-5.1965e+01	4.2582e+00	-9.0116e+00
	1712	0.0000e+00	0.0000e+00	0.0000e+00	-1.5492e+01	6.5857e+00	-6.9619e+00
	1711	0.0000e+00	0.0000e+00	0.0000e+00	-1.1199e+01	-2.5639e+00	-8.7902e+00
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	4.4101e+01	1.1813e+01	-1.2776e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	-3.9417e+01	6.0744e+00	-1.1603e+01
	1711	0.0000e+00	0.0000e+00	0.0000e+00	3.3029e+00	7.4732e+00	-9.7748e+00
	1710	0.0000e+00	0.0000e+00	0.0000e+00	3.8113e+00	-1.7941e+00	-1.0947e+01
880	22	0.0000e+00	0.0000e+00	0.0000e+00	7.4189e+01	5.7265e+00	-1.7032e-01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-3.4211e+01	9.7448e+00	-1.7408e+01
	1710	0.0000e+00	0.0000e+00	0.0000e+00	2.5582e+01	2.7602e+00	-7.1094e+00
	96	0.0000e+00	0.0000e+00	0.0000e+00	-2.1327e+01	-1.3100e+01	1.0128e+01
881	1709	0.0000e+00	0.0000e+00	0.0000e+00	7.1576e+01	-2.7014e+00	-1.6722e+00
	91	0.0000e+00	0.0000e+00	0.0000e+00	2.8089e+01	-1.4244e+01	1.4472e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	9.4182e+01	-4.2908e+00	7.6953e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	3.8940e+01	-2.7545e+00	-8.4486e+00
882	1708	0.0000e+00	0.0000e+00	0.0000e+00	5.7264e+01	2.2461e+00	-5.8712e+00
	1709	0.0000e+00	0.0000e+00	0.0000e+00	5.7274e+01	-2.8569e+00	-5.2268e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	8.3777e+01	-2.6003e+00	-6.4070e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	3.2096e+01	-5.4254e+00	-7.0513e+00
883	1707	0.0000e+00	0.0000e+00	0.0000e+00	4.3619e+01	2.5437e+00	-5.4287e+00
	1708	0.0000e+00	0.0000e+00	0.0000e+00	4.7353e+01	-4.7655e+00	-5.3036e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	7.4659e+01	-2.9736e+00	-7.1245e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	1.6571e+01	-6.7682e+00	-7.2496e+00
884	1706	0.0000e+00	0.0000e+00	0.0000e+00	2.8136e+01	2.6597e+00	-6.3944e+00
	1707	0.0000e+00	0.0000e+00	0.0000e+00	3.2410e+01	-5.6769e+00	-5.4228e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	6.4163e+01	-3.6247e+00	-7.6295e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	-1.6028e+00	-7.7020e+00	-8.6011e+00
885	1705	0.0000e+00	0.0000e+00	0.0000e+00	1.1182e+01	2.5659e+00	-8.7753e+00
	1706	0.0000e+00	0.0000e+00	0.0000e+00	1.5475e+01	-6.5855e+00	-6.9458e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	5.1957e+01	-4.2525e+00	-8.9950e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-2.1508e+01	-9.4485e+00	-1.0824e+01
886	1704	0.0000e+00	0.0000e+00	0.0000e+00	-3.8317e+00	1.7948e+00	-1.0934e+01
	1705	0.0000e+00	0.0000e+00	0.0000e+00	-3.3230e+00	-7.4730e+00	-9.7604e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	3.9402e+01	-6.0712e+00	-1.1588e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-4.4124e+01	-1.1812e+01	-1.2762e+01
887	90	0.0000e+00	0.0000e+00	0.0000e+00	2.1305e+01	1.3100e+01	1.0138e+01
	1704	0.0000e+00	0.0000e+00	0.0000e+00	-2.5604e+01	-2.7608e+00	-7.0971e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	3.4193e+01	-9.7440e+00	-1.7394e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	-7.4210e+01	-5.7297e+00	-1.5887e-01
888	33	0.0000e+00	0.0000e+00	0.0000e+00	6.8191e+01	3.3950e+01	2.2694e+00
	88	0.0000e+00	0.0000e+00	0.0000e+00	-1.4234e+01	3.6755e+01	-1.4987e+01
	94	0.0000e+00	0.0000e+00	0.0000e+00	2.3925e+01	1.3888e+01	-1.4456e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	-4.4800e+00	-1.0390e+01	1.5811e+01
889	77	0.0000e+00	0.0000e+00	0.0000e+00	-2.1397e+01	-2.6606e+01	-1.8526e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-7.5334e+01	-2.7744e+01	1.2248e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	-5.4096e+00	1.2329e+01	2.1732e+01
	98	0.0000e+00	0.0000e+00	0.0000e+00	-2.9775e+01	-7.7779e+00	-9.0413e+00
890	91	0.0000e+00	0.0000e+00	0.0000e+00	4.5094e+00	1.0387e+01	1.5823e+01
	93	0.0000e+00	0.0000e+00	0.0000e+00	-2.3917e+01	-1.3878e+01	-1.4407e+00
	78	0.0000e+00	0.0000e+00	0.0000e+00	1.4231e+01	-3.6732e+01	-1.4980e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	-6.8167e+01	-3.3918e+01	2.2836e+00
891	92	0.0000e+00	0.0000e+00	0.0000e+00	2.9785e+01	7.7818e+00	-9.0493e+00
	89	0.0000e+00	0.0000e+00	0.0000e+00	5.4333e+00	-1.2333e+01	2.1729e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	7.5362e+01	2.7763e+01	1.2243e+01
	67	0.0000e+00	0.0000e+00	0.0000e+00	2.1413e+01	2.6621e+01	-1.8535e+01
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	-3.1859e+01	7.5779e+00	-5.8375e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-2.3173e+01	7.9668e+00	-2.0637e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-5.9772e+01	9.5287e+00	-1.1924e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-2.5078e+01	-7.3799e+00	2.8753e+00
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	-1.7728e+01	7.2162e+00	-7.4003e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-1.4111e+01	1.0925e+00	-1.4302e+01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-1.8928e+01	1.0383e+01	-1.4747e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-2.6815e+01	5.1430e+00	-7.8453e+00

894 1694 0.0000e+00 0.0000e+00 0.0000e+00 -1.1303e+01 3.5753e+00 -8.0482e+00  
1701 0.0000e+00 0.0000e+00 0.0000e+00 -9.6636e+00 -1.5759e+00 -1.1707e+01  
1702 0.0000e+00 0.0000e+00 0.0000e+00 -1.1854e+01 7.5543e+00 -1.2719e+01  
1695 0.0000e+00 0.0000e+00 0.0000e+00 -1.6485e+01 4.4128e+00 -9.0604e+00

895 1693 0.0000e+00 0.0000e+00 0.0000e+00 -7.7043e+00 8.8995e-01 -7.6741e+00  
1700 0.0000e+00 0.0000e+00 0.0000e+00 -7.1848e+00 -3.6234e+00 -9.9593e+00  
1701 0.0000e+00 0.0000e+00 0.0000e+00 -8.2207e+00 4.7746e+00 -1.0844e+01  
1694 0.0000e+00 0.0000e+00 0.0000e+00 -1.1273e+01 2.0171e+00 -8.5585e+00

896 1692 0.0000e+00 0.0000e+00 0.0000e+00 -5.3435e+00 -1.3778e+00 -7.0975e+00  
1699 0.0000e+00 0.0000e+00 0.0000e+00 -5.7977e+00 -5.5250e+00 -8.6389e+00  
1700 0.0000e+00 0.0000e+00 0.0000e+00 -6.1928e+00 2.4378e+00 -9.3678e+00  
1693 0.0000e+00 0.0000e+00 0.0000e+00 -8.0540e+00 -2.6246e-01 -7.8264e+00

897 1691 0.0000e+00 0.0000e+00 0.0000e+00 -3.5060e+00 -3.3859e+00 -6.3743e+00  
1698 0.0000e+00 0.0000e+00 0.0000e+00 -5.1721e+00 -7.5704e+00 -7.5060e+00  
1699 0.0000e+00 0.0000e+00 0.0000e+00 -5.0869e+00 5.4409e-01 -8.1653e+00  
1692 0.0000e+00 0.0000e+00 0.0000e+00 -5.8713e+00 -2.3315e+00 -7.0336e+00

898 1690 0.0000e+00 0.0000e+00 0.0000e+00 -1.2906e+00 -4.8930e+00 -5.1057e+00  
1697 0.0000e+00 0.0000e+00 0.0000e+00 -5.0955e+00 -1.0112e+01 -6.2510e+00  
1698 0.0000e+00 0.0000e+00 0.0000e+00 -4.6386e+00 -8.7092e-01 -7.1185e+00  
1691 0.0000e+00 0.0000e+00 0.0000e+00 -4.0550e+00 -4.3676e+00 -5.9733e+00

899 1647 0.0000e+00 0.0000e+00 0.0000e+00 2.4636e+00 -1.5773e+00 -4.6377e-01  
28 0.0000e+00 0.0000e+00 0.0000e+00 -3.1008e+00 -1.4336e+01 -3.0109e+00  
1697 0.0000e+00 0.0000e+00 0.0000e+00 -4.6566e+00 -8.4881e-01 -6.4262e+00  
1690 0.0000e+00 0.0000e+00 0.0000e+00 -1.1125e+00 -6.8272e+00 -3.8791e+00

900 1689 0.0000e+00 0.0000e+00 0.0000e+00 -1.8131e+01 5.0957e-01 -1.8079e+00  
1696 0.0000e+00 0.0000e+00 0.0000e+00 -2.4773e+01 2.8875e+00 -2.0180e+00  
1352 0.0000e+00 0.0000e+00 0.0000e+00 -2.4841e+01 -4.4855e+00 -1.5368e+00  
1341 0.0000e+00 0.0000e+00 0.0000e+00 -1.8487e+01 -3.0630e+00 -1.3266e+00

901 1688 0.0000e+00 0.0000e+00 0.0000e+00 -1.6181e+01 4.4096e+00 -3.4619e+00  
1695 0.0000e+00 0.0000e+00 0.0000e+00 -1.7411e+01 5.7419e+00 -6.9709e+00  
1696 0.0000e+00 0.0000e+00 0.0000e+00 -2.2521e+01 5.4540e+00 -4.4220e+00  
1689 0.0000e+00 0.0000e+00 0.0000e+00 -1.8141e+01 1.7260e+00 -9.1299e-01

902 1687 0.0000e+00 0.0000e+00 0.0000e+00 -1.1812e+01 3.0337e+00 -4.7096e+00  
1694 0.0000e+00 0.0000e+00 0.0000e+00 -1.2118e+01 3.7878e+00 -8.0347e+00  
1695 0.0000e+00 0.0000e+00 0.0000e+00 -1.6304e+01 4.0535e+00 -7.1579e+00  
1688 0.0000e+00 0.0000e+00 0.0000e+00 -1.4326e+01 3.0669e+00 -3.8327e+00

903 1686 0.0000e+00 0.0000e+00 0.0000e+00 -8.1363e+00 9.6402e-01 -5.2908e+00  
1693 0.0000e+00 0.0000e+00 0.0000e+00 -8.4370e+00 1.3767e+00 -7.7846e+00  
1694 0.0000e+00 0.0000e+00 0.0000e+00 -1.1196e+01 1.7030e+00 -7.6267e+00  
1687 0.0000e+00 0.0000e+00 0.0000e+00 -1.0401e+01 1.8024e+00 -5.1330e+00

904 1685 0.0000e+00 0.0000e+00 0.0000e+00 -5.2671e+00 -9.6896e-01 -5.3467e+00  
1692 0.0000e+00 0.0000e+00 0.0000e+00 -5.7565e+00 -7.6750e-01 -7.2562e+00  
1693 0.0000e+00 0.0000e+00 0.0000e+00 -7.7746e+00 -5.2416e-01 -7.4055e+00  
1686 0.0000e+00 0.0000e+00 0.0000e+00 -7.0962e+00 -2.6179e-02 -5.4961e+00

905 1684 0.0000e+00 0.0000e+00 0.0000e+00 -2.8528e+00 -2.4505e+00 -4.8417e+00  
1691 0.0000e+00 0.0000e+00 0.0000e+00 -3.5131e+00 -2.5806e+00 -6.4736e+00  
1692 0.0000e+00 0.0000e+00 0.0000e+00 -5.2837e+00 -2.5541e+00 -6.9295e+00  
1685 0.0000e+00 0.0000e+00 0.0000e+00 -4.3703e+00 -1.7791e+00 -5.2976e+00

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1690 0.0000e+00 0.0000e+00 0.0000e+00 -1.1253e+00 -3.7529e+00 -4.9494e+00  
1691 0.0000e+00 0.0000e+00 0.0000e+00 -3.1721e+00 -4.3847e+00 -6.0806e+00  
1684 0.0000e+00 0.0000e+00 0.0000e+00 -1.8754e+00 -3.1236e+00 -4.5606e+00

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1330 0.0000e+00 0.0000e+00 0.0000e+00 -1.2049e+01 -6.6735e-01 -1.1576e+00

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1688 0.0000e+00 0.0000e+00 0.0000e+00 -1.4157e+01 3.2593e+00 -1.9326e+00  
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1682 0.0000e+00 0.0000e+00 0.0000e+00 -1.1637e+01 1.2429e+00 3.8592e-01

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1688 0.0000e+00 0.0000e+00 0.0000e+00 -1.3200e+01 3.2153e+00 -2.5709e+00  
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1679 0.0000e+00 0.0000e+00 0.0000e+00 -5.1974e+00 -4.6525e-01 -2.8266e+00

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1685 0.0000e+00 0.0000e+00 0.0000e+00 -4.2588e+00 -1.5031e+00 -4.5070e+00  
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914 1676 0.0000e+00 0.0000e+00 0.0000e+00 -6.2001e-01 -1.6247e+00 -2.1204e+00  
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1677 0.0000e+00 0.0000e+00 0.0000e+00 -1.4224e+00 -2.1337e+00 -2.7634e+00

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1330 0.0000e+00 0.0000e+00 0.0000e+00 -1.0494e+01 3.5695e-01 -1.1309e+00  
1319 0.0000e+00 0.0000e+00 0.0000e+00 -6.1470e+00 2.1263e+00 -7.0601e-01

917 1674 0.0000e+00 0.0000e+00 0.0000e+00 -4.5425e+00 1.0933e+00 1.0132e+00  
1681 0.0000e+00 0.0000e+00 0.0000e+00 -8.8364e+00 1.9268e+00 1.1530e-01  
1682 0.0000e+00 0.0000e+00 0.0000e+00 -9.5047e+00 1.6652e+00 4.9727e-01  
1675 0.0000e+00 0.0000e+00 0.0000e+00 -5.6832e+00 1.7404e+00 1.3952e+00

918 1673 0.0000e+00 0.0000e+00 0.0000e+00 -3.9229e+00 2.2410e-01 -1.6043e-01  
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1673 0.0000e+00 0.0000e+00 0.0000e+00 -3.6353e+00 -4.0803e-01 -3.3457e-01

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1669 0.0000e+00 0.0000e+00 0.0000e+00 -1.9830e-01 -1.1321e+00 -1.5095e+00

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18 0.0000e+00 0.0000e+00 0.0000e+00 9.4120e+01 2.6587e+01 -2.2248e+01

941 944 0.0000e+00 0.0000e+00 0.0000e+00 2.2124e+00 -1.9478e+00 -9.2630e+00

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945 940 0.0000e+00 0.0000e+00 0.0000e+00 -1.4108e+00 -5.4088e-01 -5.3264e-01  
1656 0.0000e+00 0.0000e+00 0.0000e+00 -1.0694e+00 -1.0190e+00 -4.8550e-01  
1657 0.0000e+00 0.0000e+00 0.0000e+00 -9.7503e-01 -6.5955e-01 -1.0491e+00  
941 0.0000e+00 0.0000e+00 0.0000e+00 -1.4102e+00 -1.8671e-02 -1.0963e+00

946 939 0.0000e+00 0.0000e+00 0.0000e+00 -1.7123e+00 -1.7483e+00 -3.5579e-02  
1655 0.0000e+00 0.0000e+00 0.0000e+00 -1.0391e+00 -2.0828e+00 5.6427e-03  
1656 0.0000e+00 0.0000e+00 0.0000e+00 -1.0777e+00 -1.0583e+00 -3.6662e-01  
940 0.0000e+00 0.0000e+00 0.0000e+00 -1.5907e+00 -6.5371e-01 -4.0784e-01

947 17 0.0000e+00 0.0000e+00 0.0000e+00 -2.1834e+00 -1.0339e+01 -2.1972e+00  
1607 0.0000e+00 0.0000e+00 0.0000e+00 2.0275e+00 -1.2538e+00 -3.4697e+00  
1655 0.0000e+00 0.0000e+00 0.0000e+00 -1.0922e-01 -3.8903e+00 -6.6385e-01  
939 0.0000e+00 0.0000e+00 0.0000e+00 -2.6105e+00 -3.7536e-01 6.0865e-01

948 1646 0.0000e+00 0.0000e+00 0.0000e+00 1.1122e+00 6.8275e+00 -3.8791e+00  
1654 0.0000e+00 0.0000e+00 0.0000e+00 4.6567e+00 8.4834e-01 -6.4262e+00  
28 0.0000e+00 0.0000e+00 0.0000e+00 3.1012e+00 1.4337e+01 -3.0110e+00  
1647 0.0000e+00 0.0000e+00 0.0000e+00 -2.4643e+00 1.5778e+00 -4.6381e-01

949 1645 0.0000e+00 0.0000e+00 0.0000e+00 4.0547e+00 4.3676e+00 -5.9734e+00  
1653 0.0000e+00 0.0000e+00 0.0000e+00 4.6386e+00 8.7038e-01 -7.1186e+00  
1654 0.0000e+00 0.0000e+00 0.0000e+00 5.0957e+00 1.0113e+01 -6.2511e+00  
1646 0.0000e+00 0.0000e+00 0.0000e+00 1.2902e+00 4.8931e+00 -5.1058e+00

950 1644 0.0000e+00 0.0000e+00 0.0000e+00 5.8709e+00 2.3313e+00 -7.0337e+00  
1652 0.0000e+00 0.0000e+00 0.0000e+00 5.0869e+00 -5.4462e-01 -8.1653e+00  
1653 0.0000e+00 0.0000e+00 0.0000e+00 5.1721e+00 7.5706e+00 -7.5061e+00  
1645 0.0000e+00 0.0000e+00 0.0000e+00 3.5056e+00 3.3858e+00 -6.3744e+00

951 1643 0.0000e+00 0.0000e+00 0.0000e+00 8.0537e+00 2.6222e-01 -7.8264e+00  
1651 0.0000e+00 0.0000e+00 0.0000e+00 6.1928e+00 -2.4382e+00 -9.3678e+00  
1652 0.0000e+00 0.0000e+00 0.0000e+00 5.7977e+00 5.5249e+00 -8.6390e+00  
1644 0.0000e+00 0.0000e+00 0.0000e+00 5.3431e+00 1.3776e+00 -7.0976e+00

952 1642 0.0000e+00 0.0000e+00 0.0000e+00 1.1272e+01 -2.0173e+00 -8.5585e+00  
1650 0.0000e+00 0.0000e+00 0.0000e+00 8.2206e+00 -4.7748e+00 -1.0844e+01  
1651 0.0000e+00 0.0000e+00 0.0000e+00 7.1848e+00 3.6230e+00 -9.9593e+00  
1643 0.0000e+00 0.0000e+00 0.0000e+00 7.7040e+00 -8.9021e-01 -7.6741e+00

953 1641 0.0000e+00 0.0000e+00 0.0000e+00 1.6485e+01 -4.4129e+00 -9.0603e+00  
1649 0.0000e+00 0.0000e+00 0.0000e+00 1.1854e+01 -7.5543e+00 -1.2719e+01  
1650 0.0000e+00 0.0000e+00 0.0000e+00 9.6635e+00 1.5754e+00 -1.1707e+01  
1642 0.0000e+00 0.0000e+00 0.0000e+00 1.1303e+01 -3.5756e+00 -8.0481e+00

954 1640 0.0000e+00 0.0000e+00 0.0000e+00 2.6814e+01 -5.1430e+00 -7.8452e+00  
1648 0.0000e+00 0.0000e+00 0.0000e+00 1.8928e+01 -1.0383e+01 -1.4747e+01  
1649 0.0000e+00 0.0000e+00 0.0000e+00 1.4111e+01 -1.0931e+00 -1.4302e+01  
1641 0.0000e+00 0.0000e+00 0.0000e+00 1.7727e+01 -7.2163e+00 -7.4003e+00

955 1287 0.0000e+00 0.0000e+00 0.0000e+00 2.5077e+01 7.3802e+00 2.8754e+00  
27 0.0000e+00 0.0000e+00 0.0000e+00 5.9773e+01 -9.5277e+00 -1.1924e+01  
1648 0.0000e+00 0.0000e+00 0.0000e+00 2.3173e+01 -7.9674e+00 -2.0637e+01  
1640 0.0000e+00 0.0000e+00 0.0000e+00 3.1858e+01 -7.5777e+00 -5.8374e+00

956 1638 0.0000e+00 0.0000e+00 0.0000e+00 1.1452e-01 2.7131e+00 -3.2760e+00  
1646 0.0000e+00 0.0000e+00 0.0000e+00 7.6461e-01 5.3123e+00 -3.5012e+00  
1647 0.0000e+00 0.0000e+00 0.0000e+00 6.4569e-01 6.4446e-01 -2.2685e+00  
1639 0.0000e+00 0.0000e+00 0.0000e+00 -2.2034e-01 7.9615e-01 -2.0432e+00

957 1637 0.0000e+00 0.0000e+00 0.0000e+00 1.8746e+00 3.1236e+00 -4.5607e+00  
1645 0.0000e+00 0.0000e+00 0.0000e+00 3.1716e+00 4.3847e+00 -6.0807e+00  
1646 0.0000e+00 0.0000e+00 0.0000e+00 1.1247e+00 3.7530e+00 -4.9496e+00  
1638 0.0000e+00 0.0000e+00 0.0000e+00 8.5911e-01 2.7684e+00 -3.4296e+00

958 1636 0.0000e+00 0.0000e+00 0.0000e+00 4.3695e+00 1.7790e+00 -5.2976e+00  
1644 0.0000e+00 0.0000e+00 0.0000e+00 5.2832e+00 2.5539e+00 -6.9296e+00  
1645 0.0000e+00 0.0000e+00 0.0000e+00 3.5125e+00 2.5805e+00 -6.4738e+00  
1637 0.0000e+00 0.0000e+00 0.0000e+00 2.8521e+00 2.4504e+00 -4.8418e+00

959 1635 0.0000e+00 0.0000e+00 0.0000e+00 7.0955e+00 2.5992e-02 -5.4961e+00  
1643 0.0000e+00 0.0000e+00 0.0000e+00 7.7741e+00 5.2392e-01 -7.4055e+00  
1644 0.0000e+00 0.0000e+00 0.0000e+00 5.7560e+00 7.6727e-01 -7.2562e+00  
1636 0.0000e+00 0.0000e+00 0.0000e+00 5.2664e+00 9.6882e-01 -5.3468e+00

960 1634 0.0000e+00 0.0000e+00 0.0000e+00 1.0401e+01 -1.8026e+00 -5.1329e+00  
1642 0.0000e+00 0.0000e+00 0.0000e+00 1.1196e+01 -1.7033e+00 -7.6267e+00  
1643 0.0000e+00 0.0000e+00 0.0000e+00 8.4365e+00 -1.3770e+00 -7.7846e+00  
1635 0.0000e+00 0.0000e+00 0.0000e+00 8.1355e+00 -9.6421e-01 -5.2908e+00

961 1633 0.0000e+00 0.0000e+00 0.0000e+00 1.4326e+01 -3.0670e+00 -3.8326e+00  
1641 0.0000e+00 0.0000e+00 0.0000e+00 1.6303e+01 -4.0537e+00 -7.1577e+00  
1642 0.0000e+00 0.0000e+00 0.0000e+00 1.2118e+01 -3.7880e+00 -8.0346e+00  
1634 0.0000e+00 0.0000e+00 0.0000e+00 1.1812e+01 -3.0339e+00 -4.7095e+00

962 1632 0.0000e+00 0.0000e+00 0.0000e+00 1.8140e+01 -1.7260e+00 -9.1284e-01  
1640 0.0000e+00 0.0000e+00 0.0000e+00 2.2521e+01 -5.4540e+00 -4.4219e+00  
1641 0.0000e+00 0.0000e+00 0.0000e+00 1.7410e+01 -5.7420e+00 -6.9708e+00  
1633 0.0000e+00 0.0000e+00 0.0000e+00 1.6181e+01 -4.4097e+00 -3.4617e+00

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1287 0.0000e+00 0.0000e+00 0.0000e+00 2.4840e+01 4.4858e+00 -1.5367e+00  
1640 0.0000e+00 0.0000e+00 0.0000e+00 2.4773e+01 -2.8874e+00 -2.0179e+00  
1632 0.0000e+00 0.0000e+00 0.0000e+00 1.8130e+01 -5.0947e-01 -1.8077e+00

964 1630 0.0000e+00 0.0000e+00 0.0000e+00 3.8249e-01 1.5047e+00 -2.1159e+00  
1638 0.0000e+00 0.0000e+00 0.0000e+00 4.4786e-01 2.1220e+00 -2.4016e+00  
1639 0.0000e+00 0.0000e+00 0.0000e+00 3.1494e-01 5.9548e-01 -1.9485e+00  
1631 0.0000e+00 0.0000e+00 0.0000e+00 -6.0270e-02 3.1328e-01 -1.6627e+00

965 1629 0.0000e+00 0.0000e+00 0.0000e+00 1.4215e+00 2.1337e+00 -2.7635e+00  
1637 0.0000e+00 0.0000e+00 0.0000e+00 2.0994e+00 2.5331e+00 -3.7549e+00  
1638 0.0000e+00 0.0000e+00 0.0000e+00 9.0424e-01 2.5020e+00 -3.1119e+00  
1630 0.0000e+00 0.0000e+00 0.0000e+00 6.1910e-01 1.6248e+00 -2.1204e+00

966 1628 0.0000e+00 0.0000e+00 0.0000e+00 3.1381e+00 1.5724e+00 -3.0730e+00  
1636 0.0000e+00 0.0000e+00 0.0000e+00 4.2580e+00 1.5030e+00 -4.5070e+00  
1637 0.0000e+00 0.0000e+00 0.0000e+00 2.5288e+00 2.2694e+00 -4.2511e+00  
1629 0.0000e+00 0.0000e+00 0.0000e+00 1.9779e+00 1.6919e+00 -2.8170e+00

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1636 0.0000e+00 0.0000e+00 0.0000e+00 4.7566e+00 9.5268e-01 -4.7522e+00  
1628 0.0000e+00 0.0000e+00 0.0000e+00 3.8135e+00 8.4738e-01 -3.0630e+00

968 1626 0.0000e+00 0.0000e+00 0.0000e+00 7.4883e+00 -7.3303e-01 -1.9218e+00  
1634 0.0000e+00 0.0000e+00 0.0000e+00 9.7930e+00 -1.9002e+00 -3.8806e+00  
1635 0.0000e+00 0.0000e+00 0.0000e+00 7.3889e+00 -7.3939e-01 -4.6311e+00  
1627 0.0000e+00 0.0000e+00 0.0000e+00 5.9458e+00 -4.1665e-01 -2.6723e+00

969 1625 0.0000e+00 0.0000e+00 0.0000e+00 9.8386e+00 -1.5540e+00 -4.8896e-01  
1633 0.0000e+00 0.0000e+00 0.0000e+00 1.3200e+01 -3.2154e+00 -2.5708e+00  
1634 0.0000e+00 0.0000e+00 0.0000e+00 1.0569e+01 -2.4271e+00 -3.7911e+00  
1626 0.0000e+00 0.0000e+00 0.0000e+00 8.2749e+00 -1.6659e+00 -1.7092e+00

970 1624 0.0000e+00 0.0000e+00 0.0000e+00 1.1636e+01 -1.2429e+00 3.8599e-01  
1632 0.0000e+00 0.0000e+00 0.0000e+00 1.5525e+01 -2.0922e+00 -9.2868e-01  
1633 0.0000e+00 0.0000e+00 0.0000e+00 1.4156e+01 -3.2594e+00 -1.9324e+00  
1625 0.0000e+00 0.0000e+00 0.0000e+00 1.0356e+01 -2.1159e+00 -6.1777e-01

971 1265 0.0000e+00 0.0000e+00 0.0000e+00 1.2048e+01 6.6739e-01 -1.1576e+00  
1276 0.0000e+00 0.0000e+00 0.0000e+00 1.6435e+01 2.0334e+00 -1.3475e+00  
1632 0.0000e+00 0.0000e+00 0.0000e+00 1.6710e+01 -7.3115e-01 -6.2606e-01  
1624 0.0000e+00 0.0000e+00 0.0000e+00 1.1390e+01 -7.9736e-01 -4.3615e-01

972 1622 0.0000e+00 0.0000e+00 0.0000e+00 1.9744e-01 1.1322e+00 -1.5095e+00  
1630 0.0000e+00 0.0000e+00 0.0000e+00 3.4357e-01 1.2785e+00 -1.6925e+00  
1631 0.0000e+00 0.0000e+00 0.0000e+00 1.3831e-01 2.7382e-01 -1.5843e+00

	1623	0.0000e+00	0.0000e+00	0.0000e+00	3.4095e-02	2.0552e-01	-1.4014e+00
973	1621	0.0000e+00	0.0000e+00	0.0000e+00	8.2395e-01	1.6869e+00	-1.6164e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	1.3679e+00	1.7993e+00	-2.2101e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	6.3823e-01	1.5248e+00	-2.0164e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	3.5748e-01	1.2528e+00	-1.4228e+00
974	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.7748e+00	1.5085e+00	-1.6223e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	2.8603e+00	1.3028e+00	-2.5191e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	1.6853e+00	1.6823e+00	-2.5030e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.1429e+00	1.4447e+00	-1.6062e+00
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	2.7621e+00	1.0052e+00	-1.2660e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	4.5756e+00	2.8140e-01	-2.2489e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	3.1770e+00	1.0148e+00	-2.6320e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	2.1802e+00	1.0515e+00	-1.6491e+00
976	1618	0.0000e+00	0.0000e+00	0.0000e+00	3.6345e+00	4.0793e-01	-3.3456e-01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	6.3834e+00	-8.7701e-01	-1.3058e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	4.8959e+00	-1.9572e-02	-2.1884e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	3.1653e+00	4.4773e-01	-1.2172e+00
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	4.5389e+00	-4.4115e-01	9.5360e-01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	8.1305e+00	-1.7476e+00	-8.8677e-03
	1626	0.0000e+00	0.0000e+00	0.0000e+00	6.8080e+00	-1.1294e+00	-1.1229e+00
	1618	0.0000e+00	0.0000e+00	0.0000e+00	3.9221e+00	-2.2419e-01	-1.6042e-01
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	5.6824e+00	-1.7404e+00	1.3952e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	9.5038e+00	-1.6652e+00	4.9733e-01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	8.8355e+00	-1.9268e+00	1.1535e-01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	4.5416e+00	-1.0933e+00	1.0132e+00
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	6.1461e+00	-2.1263e+00	-7.0600e-01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	1.0493e+01	-3.5691e-01	-1.1309e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	1.0430e+01	-1.5577e+00	1.2810e-01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	5.3528e+00	-2.2878e+00	5.5298e-01
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	-3.8056e-02	1.2707e+00	-1.2383e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.0020e-01	1.0586e+00	-1.2292e+00
	1623	0.0000e+00	0.0000e+00	0.0000e+00	-1.1523e-02	2.8138e-01	-1.3781e+00
	1615	0.0000e+00	0.0000e+00	0.0000e+00	9.2049e-02	3.6498e-01	-1.3873e+00
981	1613	0.0000e+00	0.0000e+00	0.0000e+00	4.1516e-01	1.5414e+00	-9.1054e-01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	6.7275e-01	1.5404e+00	-1.2915e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	2.8415e-01	1.2810e+00	-1.3616e+00
	1614	0.0000e+00	0.0000e+00	0.0000e+00	3.6174e-02	1.4192e+00	-9.8066e-01
982	1612	0.0000e+00	0.0000e+00	0.0000e+00	8.1654e-01	1.3959e+00	-9.5059e-01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.4942e+00	1.2996e+00	-1.3860e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	9.0525e-01	1.5098e+00	-1.3837e+00
	1613	0.0000e+00	0.0000e+00	0.0000e+00	5.2833e-01	1.4090e+00	-9.4831e-01
983	1611	0.0000e+00	0.0000e+00	0.0000e+00	8.1584e-01	1.2849e+00	-9.3143e-01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	2.1780e+00	7.9506e-01	-1.1508e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.6173e+00	1.2587e+00	-1.3608e+00
	1612	0.0000e+00	0.0000e+00	0.0000e+00	9.3454e-01	1.1857e+00	-1.1414e+00
984	1610	0.0000e+00	0.0000e+00	0.0000e+00	1.6408e-01	1.3351e+00	-4.3755e-01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.5216e+00	2.0426e-01	-2.9025e-01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	2.1361e+00	8.8210e-01	-9.7378e-01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	8.4638e-01	1.1083e+00	-1.1211e+00
985	1609	0.0000e+00	0.0000e+00	0.0000e+00	-1.1349e+00	1.0368e+00	7.8398e-01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	2.7331e+00	-7.2498e-01	1.1736e+00
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.3778e+00	3.7902e-01	-6.1899e-02
	1610	0.0000e+00	0.0000e+00	0.0000e+00	5.4081e-03	1.0701e+00	-4.5152e-01
986	1608	0.0000e+00	0.0000e+00	0.0000e+00	-8.4077e-01	-2.0770e+00	2.3333e+00
	1616	0.0000e+00	0.0000e+00	0.0000e+00	3.3535e+00	-2.2745e+00	1.7862e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	2.9330e+00	-9.2821e-01	9.9439e-01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-1.5227e+00	4.4625e-01	1.5416e+00
987	1243	0.0000e+00	0.0000e+00	0.0000e+00	-7.3004e-01	-6.1029e+00	-1.5408e-01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	4.8369e+00	-3.4443e+00	-8.3579e-01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	4.5589e+00	-3.3389e+00	1.0314e+00
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-1.8256e+00	-4.3872e+00	1.7131e+00
988	1606	0.0000e+00	0.0000e+00	0.0000e+00	-9.7880e-04	2.8284e+00	-1.0645e+00
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-3.9351e-01	1.4658e+00	-8.3477e-01

	1615	0.0000e+00	0.0000e+00	0.0000e+00	-2.0639e-01	5.4683e-01	-1.5001e+00
	1607	0.0000e+00	0.0000e+00	0.0000e+00	2.7472e-01	5.0510e-01	-1.7298e+00
989	1605	0.0000e+00	0.0000e+00	0.0000e+00	6.8943e-01	1.4251e+00	-2.5197e-01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	2.4197e-01	1.5590e+00	-7.7435e-01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	5.7477e-02	1.4519e+00	-8.6287e-01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-1.7857e-01	1.7615e+00	-3.4048e-01
990	1604	0.0000e+00	0.0000e+00	0.0000e+00	7.2102e-01	9.1270e-01	-8.8429e-01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	7.3389e-01	1.2040e+00	-1.0237e+00
	1613	0.0000e+00	0.0000e+00	0.0000e+00	5.1091e-01	1.4227e+00	-7.0520e-01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	6.6306e-01	1.0816e+00	-5.6576e-01
991	1603	0.0000e+00	0.0000e+00	0.0000e+00	2.5369e-01	8.4180e-01	-1.5423e+00
	1611	0.0000e+00	0.0000e+00	0.0000e+00	5.6038e-01	1.0602e+00	-1.2671e+00
	1612	0.0000e+00	0.0000e+00	0.0000e+00	7.2199e-01	1.2485e+00	-9.6294e-01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	6.4656e-01	8.6309e-01	-1.2381e+00
992	1602	0.0000e+00	0.0000e+00	0.0000e+00	-1.2337e+00	1.2194e+00	-2.1438e+00
	1610	0.0000e+00	0.0000e+00	0.0000e+00	-5.1544e-01	1.0932e+00	-1.1416e+00
	1611	0.0000e+00	0.0000e+00	0.0000e+00	2.6224e-01	1.3592e+00	-1.0511e+00
	1603	0.0000e+00	0.0000e+00	0.0000e+00	7.8079e-03	1.0532e+00	-2.0532e+00
993	1601	0.0000e+00	0.0000e+00	0.0000e+00	-5.1962e+00	2.1424e+00	-2.1948e+00
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-2.3896e+00	6.8312e-01	2.2926e-02
	1610	0.0000e+00	0.0000e+00	0.0000e+00	-1.3112e+00	1.7416e+00	-6.9488e-01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-1.8064e+00	1.7074e+00	-2.9126e+00
994	1600	0.0000e+00	0.0000e+00	0.0000e+00	-1.0115e+01	3.4348e+00	9.7558e-01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-4.9362e+00	-2.7469e+00	3.5902e+00
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-3.9020e+00	1.9424e+00	4.1627e-01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-5.8818e+00	2.0618e+00	-2.1983e+00
995	1232	0.0000e+00	0.0000e+00	0.0000e+00	-1.3015e+01	-1.1863e+01	1.8673e-01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-2.0297e+00	-8.2354e+00	-4.7595e-01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-2.3159e+00	-5.8323e+00	2.0798e+00
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-1.4064e+01	-7.2788e+00	2.7425e+00
996	868	0.0000e+00	0.0000e+00	0.0000e+00	2.6101e+00	3.7518e-01	6.0836e-01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	1.0896e-01	3.8903e+00	-6.6388e-01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-2.0280e+00	1.2540e+00	-3.4697e+00
	17	0.0000e+00	0.0000e+00	0.0000e+00	2.1838e+00	1.0340e+01	-2.1974e+00
997	867	0.0000e+00	0.0000e+00	0.0000e+00	1.5902e+00	6.5366e-01	-4.0794e-01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	1.0772e+00	1.0582e+00	-3.6665e-01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	1.0387e+00	2.0828e+00	5.5852e-03
	868	0.0000e+00	0.0000e+00	0.0000e+00	1.7119e+00	1.7483e+00	-3.5705e-02
998	866	0.0000e+00	0.0000e+00	0.0000e+00	1.4096e+00	1.8622e-02	-1.0963e+00
	1604	0.0000e+00	0.0000e+00	0.0000e+00	9.7448e-01	6.5949e-01	-1.0492e+00
	1605	0.0000e+00	0.0000e+00	0.0000e+00	1.0689e+00	1.0190e+00	-4.8556e-01
	867	0.0000e+00	0.0000e+00	0.0000e+00	1.4102e+00	5.4086e-01	-5.3271e-01
999	865	0.0000e+00	0.0000e+00	0.0000e+00	1.3568e+00	-3.8445e-01	-2.1629e+00
	1603	0.0000e+00	0.0000e+00	0.0000e+00	5.1910e-01	6.4850e-01	-1.9890e+00
	1604	0.0000e+00	0.0000e+00	0.0000e+00	9.4443e-01	6.3817e-01	-1.1770e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	1.2818e+00	5.8948e-02	-1.3508e+00
1000	864	0.0000e+00	0.0000e+00	0.0000e+00	1.1365e+00	-7.1744e-01	-3.9419e+00
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-9.3989e-01	1.0708e+00	-3.2956e+00
	1603	0.0000e+00	0.0000e+00	0.0000e+00	3.6768e-01	7.2756e-01	-2.0009e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	1.1310e+00	-5.4749e-02	-2.6471e+00
1001	863	0.0000e+00	0.0000e+00	0.0000e+00	-5.5383e-01	-1.3395e+00	-7.1772e+00
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-4.6987e+00	1.9433e+00	-5.0777e+00
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-1.5377e+00	1.4632e+00	-2.9226e+00
	864	0.0000e+00	0.0000e+00	0.0000e+00	5.1537e-01	4.6756e-01	-5.0222e+00
1002	862	0.0000e+00	0.0000e+00	0.0000e+00	-2.0437e+00	-3.4139e+00	-1.3069e+01
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-2.1016e+01	1.2756e+00	-6.3073e+00
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-7.2222e+00	4.8152e+00	-2.5009e+00
	863	0.0000e+00	0.0000e+00	0.0000e+00	-2.2129e+00	1.9477e+00	-9.2629e+00
1003	16	0.0000e+00	0.0000e+00	0.0000e+00	-9.4120e+01	-2.6587e+01	-2.2248e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	8.4748e-01	-2.1245e+01	3.9374e+00
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-3.0846e+01	-7.2978e-01	-3.6520e+00
	862	0.0000e+00	0.0000e+00	0.0000e+00	-9.6683e+00	1.9680e+01	-2.9837e+01
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	-1.0552e+02	7.1328e+00	-5.0552e+00



	1599	0.0000e+00	0.0000e+00	0.0000e+00	-8.4574e+01	2.6267e+01	-4.4310e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	-1.9209e+02	1.0998e+00	-2.4962e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-7.0318e+01	-2.1780e+01	1.4293e+01
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	-7.1071e+01	1.6157e+01	-5.4052e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-5.7906e+01	3.8481e+00	-2.4494e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-7.1896e+01	1.3593e+01	-2.6863e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-9.2244e+01	6.4285e+00	-7.7741e+00
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	-5.6264e+01	9.3716e+00	-6.0100e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-4.6816e+01	-1.0162e+00	-1.4438e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-5.2698e+01	1.0392e+01	-1.8814e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-6.5906e+01	9.5065e+00	-1.0386e+01
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	-5.2184e+01	5.9314e+00	-3.7954e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-4.3775e+01	-2.6065e+00	-5.9629e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-4.4642e+01	6.1951e+00	-1.0363e+01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-5.5309e+01	7.2111e+00	-8.1952e+00
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	-5.5968e+01	4.0618e+00	-1.2898e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-4.7822e+01	-2.7940e+00	2.1778e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-4.4030e+01	3.5555e+00	-2.1107e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-5.3374e+01	6.0119e+00	-5.5783e+00
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	-7.0621e+01	-2.9608e-01	-1.2125e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-6.1249e+01	-4.0776e+00	1.0159e+01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-5.0701e+01	4.2168e+00	6.9663e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-6.0221e+01	7.3687e+00	-4.4056e+00
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	-4.9850e+01	-1.4494e+01	-9.7981e+00
	30	0.0000e+00	0.0000e+00	0.0000e+00	-1.4380e+02	-1.8964e+01	1.4244e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-6.9784e+01	2.0079e+01	2.2454e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-7.9578e+01	-2.2172e+00	-1.5883e+00
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	-5.8784e+01	-3.1455e+00	5.1822e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-8.0727e+01	-4.2139e+00	5.5345e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-7.9871e+01	-1.1365e+01	4.1835e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-5.8990e+01	-9.5000e+00	3.8311e+00
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	-5.9337e+01	7.4808e+00	1.9278e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-6.6793e+01	9.5140e+00	-3.6835e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-7.5202e+01	1.1040e+01	2.0497e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-6.1265e+01	6.2369e-01	7.6609e+00
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	-5.3899e+01	7.4518e+00	-1.2113e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-5.7350e+01	8.8330e+00	-6.7356e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-6.4604e+01	1.0263e+01	-4.1239e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-5.6822e+01	5.9735e+00	1.4004e+00
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	-5.0214e+01	5.4066e+00	-3.8449e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-5.3693e+01	6.7631e+00	-6.1662e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-5.6055e+01	7.2323e+00	-5.0268e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-5.2128e+01	6.1148e+00	-2.7056e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	-4.9206e+01	2.9776e+00	-6.5376e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-5.5558e+01	5.8280e+00	-5.7992e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-5.3612e+01	5.1504e+00	-4.4107e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-4.9791e+01	4.9858e+00	-5.1492e+00
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	-4.9257e+01	-1.0973e+00	-9.2663e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-5.9110e+01	4.6598e+00	-7.8674e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-5.6389e+01	2.6357e+00	-5.4160e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-4.9400e+01	3.0696e+00	-6.8149e+00
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	-4.5918e+01	-4.9662e+00	-5.1911e+00
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-6.1970e+01	-5.8703e+00	-5.6901e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-6.2273e+01	-7.8249e+00	-8.0920e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-4.6535e+01	-3.5134e+00	-7.5931e+00
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	-3.8673e+01	-2.2695e-01	5.0243e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-5.5287e+01	-1.3068e+00	5.8491e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-5.3374e+01	-6.1179e+00	3.2540e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	-3.9066e+01	-1.5628e+00	2.4293e+00
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	-3.8748e+01	2.0587e+00	5.2736e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-5.3090e+01	5.2302e+00	4.4143e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-5.3467e+01	1.9392e+00	6.2755e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-3.9953e+01	1.0693e+00	7.1348e+00

1020 1579 0.0000e+00 0.0000e+00 0.0000e+00 -3.7323e+01 2.2215e+00 1.9440e+00  
1585 0.0000e+00 0.0000e+00 0.0000e+00 -4.8692e+01 5.8498e+00 -4.1409e-01  
1586 0.0000e+00 0.0000e+00 0.0000e+00 -5.1516e+01 6.4996e+00 3.3533e+00  
1580 0.0000e+00 0.0000e+00 0.0000e+00 -3.8843e+01 1.9472e+00 5.7115e+00

1021 1578 0.0000e+00 0.0000e+00 0.0000e+00 -3.5574e+01 1.2980e+00 -2.5449e+00  
1584 0.0000e+00 0.0000e+00 0.0000e+00 -4.5800e+01 4.8337e+00 -4.2353e+00  
1585 0.0000e+00 0.0000e+00 0.0000e+00 -4.7732e+01 5.9605e+00 -5.3746e-01  
1579 0.0000e+00 0.0000e+00 0.0000e+00 -3.6756e+01 1.4667e+00 1.1530e+00

1022 1577 0.0000e+00 0.0000e+00 0.0000e+00 -3.4374e+01 6.0090e-01 -6.2508e+00  
1583 0.0000e+00 0.0000e+00 0.0000e+00 -4.4843e+01 3.3046e+00 -6.9682e+00  
1584 0.0000e+00 0.0000e+00 0.0000e+00 -4.5603e+01 4.3051e+00 -4.0857e+00  
1578 0.0000e+00 0.0000e+00 0.0000e+00 -3.4936e+01 7.4957e-01 -3.3683e+00

1023 1576 0.0000e+00 0.0000e+00 0.0000e+00 -3.3353e+01 3.8650e-01 -7.0212e+00  
1582 0.0000e+00 0.0000e+00 0.0000e+00 -4.3750e+01 2.1188e-02 -7.9100e+00  
1583 0.0000e+00 0.0000e+00 0.0000e+00 -4.5246e+01 2.3710e+00 -7.0333e+00  
1577 0.0000e+00 0.0000e+00 0.0000e+00 -3.3494e+01 1.0181e-01 -6.1444e+00

1024 1340 0.0000e+00 0.0000e+00 0.0000e+00 -3.1838e+01 7.0583e-01 -3.7158e+00  
1351 0.0000e+00 0.0000e+00 0.0000e+00 -4.2920e+01 -2.4859e+00 -4.6515e+00  
1582 0.0000e+00 0.0000e+00 0.0000e+00 -4.4364e+01 -1.4594e+00 -6.6613e+00  
1576 0.0000e+00 0.0000e+00 0.0000e+00 -3.2117e+01 -2.8700e-01 -5.7256e+00

1025 1575 0.0000e+00 0.0000e+00 0.0000e+00 -1.8729e+01 4.5738e+00 6.0074e+00  
1581 0.0000e+00 0.0000e+00 0.0000e+00 -3.4998e+01 2.4746e+00 5.5118e+00  
1405 0.0000e+00 0.0000e+00 0.0000e+00 -3.4241e+01 1.2343e+00 2.1160e+00  
1394 0.0000e+00 0.0000e+00 0.0000e+00 -2.0399e+01 6.5089e+00 2.6116e+00

1026 1574 0.0000e+00 0.0000e+00 0.0000e+00 -1.7588e+01 -3.2431e-01 7.3831e+00  
1580 0.0000e+00 0.0000e+00 0.0000e+00 -3.3285e+01 2.4742e+00 6.1082e+00  
1581 0.0000e+00 0.0000e+00 0.0000e+00 -3.3444e+01 2.2150e+00 6.9450e+00  
1575 0.0000e+00 0.0000e+00 0.0000e+00 -1.9778e+01 3.1965e+00 8.2199e+00

1027 1573 0.0000e+00 0.0000e+00 0.0000e+00 -1.7369e+01 -3.1520e+00 3.4618e+00  
1579 0.0000e+00 0.0000e+00 0.0000e+00 -3.0958e+01 1.2207e+00 2.4262e+00  
1580 0.0000e+00 0.0000e+00 0.0000e+00 -3.1955e+01 2.1261e+00 6.2178e+00  
1574 0.0000e+00 0.0000e+00 0.0000e+00 -1.8280e+01 -1.7344e+00 7.2534e+00

1028 1572 0.0000e+00 0.0000e+00 0.0000e+00 -1.7115e+01 -4.0324e+00 -1.6842e+00  
1578 0.0000e+00 0.0000e+00 0.0000e+00 -2.9270e+01 3.5832e-01 -2.4356e+00  
1579 0.0000e+00 0.0000e+00 0.0000e+00 -3.0333e+01 1.1097e+00 1.9667e+00  
1573 0.0000e+00 0.0000e+00 0.0000e+00 -1.7437e+01 -4.0589e+00 2.7181e+00

1029 1571 0.0000e+00 0.0000e+00 0.0000e+00 -1.6832e+01 -2.6234e+00 -5.8552e+00  
1577 0.0000e+00 0.0000e+00 0.0000e+00 -2.8450e+01 3.4859e-01 -6.2002e+00  
1578 0.0000e+00 0.0000e+00 0.0000e+00 -2.9255e+01 4.3394e-01 -2.7684e+00  
1572 0.0000e+00 0.0000e+00 0.0000e+00 -1.6663e+01 -4.0460e+00 -2.4233e+00

1030 1570 0.0000e+00 0.0000e+00 0.0000e+00 -1.7333e+01 1.7026e+00 -7.1186e+00  
1576 0.0000e+00 0.0000e+00 0.0000e+00 -2.8280e+01 1.0602e+00 -6.7948e+00  
1577 0.0000e+00 0.0000e+00 0.0000e+00 -2.9019e+01 8.4206e-01 -5.8572e+00  
1571 0.0000e+00 0.0000e+00 0.0000e+00 -1.5998e+01 -1.8364e+00 -6.1809e+00

1031 1329 0.0000e+00 0.0000e+00 0.0000e+00 -1.7633e+01 6.0216e+00 -3.6569e+00  
1340 0.0000e+00 0.0000e+00 0.0000e+00 -2.8402e+01 2.5400e+00 -3.3586e+00  
1576 0.0000e+00 0.0000e+00 0.0000e+00 -2.9069e+01 1.8873e+00 -5.4673e+00  
1570 0.0000e+00 0.0000e+00 0.0000e+00 -1.6417e+01 2.9847e+00 -5.7656e+00

1032 1569 0.0000e+00 0.0000e+00 0.0000e+00 4.6017e+00 1.0787e+01 9.0769e+00  
1575 0.0000e+00 0.0000e+00 0.0000e+00 -1.5402e+01 7.9413e+00 6.9809e+00  
1394 0.0000e+00 0.0000e+00 0.0000e+00 -1.5807e+01 1.0026e+01 1.8456e+00  
1383 0.0000e+00 0.0000e+00 0.0000e+00 1.1455e+00 1.8331e+01 3.9416e+00

1033 1568 0.0000e+00 0.0000e+00 0.0000e+00 4.2642e+00 -4.2207e+00 8.5707e+00  
1574 0.0000e+00 0.0000e+00 0.0000e+00 -1.1796e+01 -6.3098e-02 6.9773e+00  
1575 0.0000e+00 0.0000e+00 0.0000e+00 -1.2648e+01 4.5291e+00 9.0975e+00  
1569 0.0000e+00 0.0000e+00 0.0000e+00 2.1809e+00 4.0828e+00 1.0691e+01

1034 1567 0.0000e+00 0.0000e+00 0.0000e+00 4.2778e-01 -7.9779e+00 2.2625e+00  
1573 0.0000e+00 0.0000e+00 0.0000e+00 -1.0682e+01 -4.4862e+00 3.3832e+00  
1574 0.0000e+00 0.0000e+00 0.0000e+00 -1.1101e+01 -1.3921e+00 7.6628e+00  
1568 0.0000e+00 0.0000e+00 0.0000e+00 2.9109e+00 -7.1933e+00 6.5421e+00

1035 1566 0.0000e+00 0.0000e+00 0.0000e+00 -7.6537e-01 -8.8606e+00 -1.5743e+00  
1572 0.0000e+00 0.0000e+00 0.0000e+00 -1.0675e+01 -5.0590e+00 -1.3404e+00  
1573 0.0000e+00 0.0000e+00 0.0000e+00 -1.0844e+01 -4.4401e+00 2.5470e+00

	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.6541e-01	-9.0795e+00	2.3130e+00
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	9.6583e-01	-7.4803e+00	-5.1898e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-1.0597e+01	-2.8515e+00	-5.9855e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-1.0602e+01	-4.7520e+00	-2.1970e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-4.9509e-01	-8.3497e+00	-1.4013e+00
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	3.0866e-01	1.3401e+00	-8.9132e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-1.1506e+01	2.3546e+00	-7.7742e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-1.0998e+01	-1.5217e+00	-5.5800e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	1.8989e+00	-5.2717e+00	-6.7190e+00
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	-1.0420e+00	1.3967e+01	-4.9626e+00
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-1.3866e+01	8.2866e+00	-3.0461e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-1.3456e+01	5.4762e+00	-6.2318e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	2.0784e+00	6.7135e+00	-8.1484e+00
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	4.2311e+01	2.4463e+01	1.1929e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	6.1939e+00	1.4961e+01	1.0780e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	6.4715e+00	2.4761e+01	3.1264e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	3.9918e+01	3.1879e+01	4.2751e+00
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	1.9804e+01	-9.3398e+00	-1.8065e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	1.2299e+01	-8.4735e+00	5.1135e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	1.3878e+01	5.9193e+00	1.4702e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	3.0972e+01	-1.4036e+01	7.7824e+00
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	8.1409e+00	-9.5939e+00	-4.5170e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	6.0548e+00	-1.0157e+01	1.9812e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	8.3473e+00	-6.0920e+00	4.2394e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	1.7819e+01	-1.1558e+01	-2.2588e+00
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	5.5784e+00	-9.0362e+00	-1.0455e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	3.4455e+00	-9.3813e+00	5.6382e-02
	1567	0.0000e+00	0.0000e+00	0.0000e+00	4.2505e+00	-9.0063e+00	-8.7739e-03
	1561	0.0000e+00	0.0000e+00	0.0000e+00	6.8033e+00	-9.2099e+00	-1.1107e+00
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	1.2314e+01	-1.0625e+01	7.9132e-01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	5.4521e+00	-6.9241e+00	-3.2824e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	4.2588e+00	-9.7171e+00	-1.8556e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	6.0029e+00	-9.1143e+00	2.2181e+00
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	2.2601e+01	-1.3172e+01	-6.4795e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	9.2562e+00	2.4925e+00	-1.1854e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	8.5069e+00	-8.5894e+00	-4.2967e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	1.3451e+01	-9.3343e+00	1.0776e+00
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	2.7764e+01	2.3330e+01	-6.2423e+00
	1318	0.0000e+00	0.0000e+00	0.0000e+00	3.7455e+00	1.8330e+01	-4.5625e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	3.9481e+00	9.4364e+00	-9.0493e+00
	1558	0.0000e+00	0.0000e+00	0.0000e+00	3.0655e+01	1.4179e+01	-1.0729e+01
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	2.7127e+01	-6.9085e+01	-9.3337e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	1.0147e+02	2.9752e+00	-8.9818e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-7.7037e+00	5.8746e+01	1.8715e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	2.9170e+02	7.0665e+01	-6.5641e+01
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	6.0327e+00	-8.7376e+00	-2.7055e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	2.5685e+01	-2.1003e+01	-3.9709e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	7.1819e+01	-4.4699e+00	-1.5816e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	2.4218e+00	8.9863e+00	-3.8900e+01
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	-3.7775e+00	-3.2615e+00	-1.1633e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	6.7934e+00	-9.0609e+00	-3.8311e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	1.6046e+01	-9.8809e+00	-1.2716e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	1.3428e+00	3.6117e+00	-2.0518e+01
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	-5.7559e+00	-9.0819e-03	1.1447e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	3.2650e+00	-7.7114e+00	2.0636e+00
	1561	0.0000e+00	0.0000e+00	0.0000e+00	4.6768e+00	-7.9075e+00	-5.5469e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-5.4750e+00	9.1583e-01	-6.4658e+00
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.6331e+00	1.6303e+00	1.3530e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	1.0117e+01	-9.2111e+00	8.5193e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	4.3147e+00	-8.3659e+00	7.0951e-01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-5.0604e+00	-2.2490e+00	5.7199e+00
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	-2.0210e+00	3.8738e+00	2.8287e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	5.1088e+01	-6.5928e+00	1.1623e+01

	1559	0.0000e+00	0.0000e+00	0.0000e+00	1.7002e+01	-1.7451e+01	2.0589e+00
	1073	0.0000e+00	0.0000e+00	0.0000e+00	1.3679e+00	-7.1504e+00	1.8723e+01
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	2.1074e+02	3.5032e+01	4.4232e+01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-3.4283e+00	4.2041e+01	-1.9966e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	7.4549e+01	-3.7863e+00	5.3854e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	1.4505e+01	-5.1827e+01	6.9583e+01
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	7.9579e+01	2.2189e+00	-1.5893e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	6.9786e+01	-2.0078e+01	2.2453e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	1.4380e+02	1.8966e+01	1.4243e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	4.9850e+01	1.4496e+01	-9.7988e+00
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	6.0222e+01	-7.3670e+00	-4.4069e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	5.0703e+01	-4.2143e+00	6.9649e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	6.1251e+01	4.0791e+00	1.0158e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	7.0622e+01	2.9779e-01	-1.2137e+00
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	5.3375e+01	-6.0098e+00	-5.5800e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	4.4032e+01	-3.5523e+00	-2.1125e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	4.7824e+01	2.7953e+00	2.1762e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	5.5969e+01	-4.0599e+00	-1.2913e+00
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	5.5311e+01	-7.2084e+00	-8.1975e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	4.4644e+01	-6.1908e+00	-1.0365e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	4.3777e+01	2.6078e+00	-5.9648e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	5.2185e+01	-5.9290e+00	-3.7974e+00
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	6.5907e+01	-9.5031e+00	-1.0389e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	5.2700e+01	-1.0386e+01	-1.8817e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	4.6818e+01	1.0178e+00	-1.4440e+01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	5.6265e+01	-9.3686e+00	-6.0125e+00
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	9.2245e+01	-6.4242e+00	-7.7775e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	7.1898e+01	-1.3587e+01	-2.6866e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	5.7908e+01	-3.8459e+00	-2.4497e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	7.1072e+01	-1.6153e+01	-5.4082e+00
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	7.0318e+01	2.1785e+01	1.4289e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	1.9209e+02	-1.0921e+00	-2.4965e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	8.4576e+01	-2.6264e+01	-4.4313e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.0552e+02	-7.1281e+00	-5.0589e+00
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.6534e+01	3.5146e+00	-7.5938e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	6.2273e+01	7.8264e+00	-8.0929e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	6.1970e+01	5.8719e+00	-5.6906e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.5918e+01	4.9673e+00	-5.1915e+00
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.9400e+01	-3.0681e+00	-6.8159e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	5.6390e+01	-2.6341e+00	-5.4172e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	5.9110e+01	-4.6582e+00	-7.8685e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.9256e+01	1.0985e+00	-9.2672e+00
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.9791e+01	-4.9841e+00	-5.1506e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	5.3613e+01	-5.1485e+00	-4.4123e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	5.5558e+01	-5.8263e+00	-5.8006e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.9206e+01	-2.9762e+00	-6.5388e+00
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	5.2128e+01	-6.1126e+00	-2.7074e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	5.6056e+01	-7.2299e+00	-5.0288e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	5.3694e+01	-6.7610e+00	-6.1679e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	5.0214e+01	-5.4048e+00	-3.8465e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	5.6823e+01	-5.9707e+00	1.3980e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	6.4605e+01	-1.0260e+01	-4.1264e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	5.7351e+01	-8.8303e+00	-6.7377e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	5.3900e+01	-7.4495e+00	-1.2133e+00
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	6.1266e+01	-6.2017e-01	7.6579e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	7.5203e+01	-1.1036e+01	2.0466e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	6.6795e+01	-9.5105e+00	-3.6861e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	5.9338e+01	-7.4778e+00	1.9252e+00
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	5.8992e+01	9.5042e+00	3.8272e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	7.9872e+01	1.1370e+01	4.1795e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	8.0729e+01	4.2183e+00	5.5312e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	5.8785e+01	3.1493e+00	5.1789e+00
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	3.2117e+01	2.8785e-01	-5.7260e+00

	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.4364e+01	1.4605e+00	-6.6619e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.2919e+01	2.4869e+00	-4.6519e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	3.1837e+01	-7.0513e-01	-3.7160e+00
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	3.3493e+01	-1.0077e-01	-6.1452e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.5246e+01	-2.3697e+00	-7.0342e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.3749e+01	-2.0068e-02	-7.9108e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	3.3352e+01	-3.8563e-01	-7.0218e+00
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	3.4936e+01	-7.4827e-01	-3.3694e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.5603e+01	-4.3035e+00	-4.0870e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.4843e+01	-3.3033e+00	-6.9693e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	3.4374e+01	-5.9982e-01	-6.2517e+00
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	3.6756e+01	-1.4650e+00	1.1514e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.7733e+01	-5.9584e+00	-5.3921e-01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.5801e+01	-4.8321e+00	-4.2368e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	3.5574e+01	-1.2966e+00	-2.5461e+00
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	3.8844e+01	-1.9450e+00	5.7094e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	5.1517e+01	-6.4970e+00	3.3511e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.8693e+01	-5.8477e+00	-4.1599e-01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	3.7323e+01	-2.2197e+00	1.9423e+00
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	3.9954e+01	-1.0666e+00	7.1321e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	5.3468e+01	-1.9359e+00	6.2726e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	5.3091e+01	-5.2274e+00	4.4119e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	3.8748e+01	-2.0564e+00	5.2714e+00
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	3.9068e+01	1.5660e+00	2.4258e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	5.3375e+01	6.1219e+00	3.2503e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	5.5288e+01	1.3102e+00	5.8459e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	3.8674e+01	2.2984e-01	5.0214e+00
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.6416e+01	-2.9841e+00	-5.7659e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.9068e+01	-1.8866e+00	-5.4677e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.8401e+01	-2.5394e+00	-3.3589e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.7632e+01	-6.0211e+00	-3.6570e+00
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.5997e+01	1.8371e+00	-6.1815e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.9019e+01	-8.4115e-01	-5.8579e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.8279e+01	-1.0594e+00	-6.7953e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.7333e+01	-1.7021e+00	-7.1189e+00
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.6663e+01	4.0469e+00	-2.4242e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.9254e+01	-4.3277e-01	-2.7694e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.8450e+01	-3.4763e-01	-6.2010e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.6832e+01	2.6242e+00	-5.8558e+00
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.7437e+01	4.0601e+00	2.7169e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	3.0333e+01	-1.1082e+00	1.9653e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.9270e+01	-3.5708e-01	-2.4368e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.7115e+01	4.0334e+00	-1.6852e+00
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.8281e+01	1.7360e+00	7.2518e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	3.1955e+01	-2.1241e+00	6.2159e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	3.0959e+01	-1.2191e+00	2.4246e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.7369e+01	3.1533e+00	3.4605e+00
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.9778e+01	-3.1945e+00	8.2177e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	3.3445e+01	-2.2125e+00	6.9425e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	3.3286e+01	-2.4721e+00	6.1061e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.7588e+01	3.2601e-01	7.3813e+00
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	2.0400e+01	-6.5064e+00	2.6088e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	3.4242e+01	-1.2313e+00	2.1128e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	3.4999e+01	-2.4720e+00	5.5091e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.8730e+01	-4.5716e+00	6.0050e+00
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	-2.0792e+00	-6.7132e+00	-8.1485e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.3455e+01	-5.4758e+00	-6.2320e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.3865e+01	-8.2862e+00	-3.0462e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	1.0411e+00	-1.3967e+01	-4.9626e+00
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.8996e+00	5.2722e+00	-6.7193e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.0998e+01	1.5223e+00	-5.5805e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.1505e+01	-2.3541e+00	-7.7745e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-3.0946e-01	-1.3398e+00	-8.9133e+00

1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	4.9461e-01	8.3503e+00	-1.4018e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.0602e+01	4.7528e+00	-2.1978e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.0596e+01	2.8522e+00	-5.9861e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-9.6645e-01	7.4807e+00	-5.1901e+00
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	1.6520e-01	9.0803e+00	2.3121e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.0844e+01	4.4412e+00	2.5459e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.0675e+01	5.0598e+00	-1.3412e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	7.6497e-01	8.8613e+00	-1.5750e+00
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	-2.9108e+00	7.1944e+00	6.5409e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.1101e+01	1.3936e+00	7.6614e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.0682e+01	4.4873e+00	3.3820e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-4.2789e-01	7.9787e+00	2.2616e+00
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	-2.1804e+00	-4.0813e+00	1.0689e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.2649e+01	-4.5273e+00	9.0955e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.1797e+01	6.4621e-02	6.9757e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-4.2640e+00	4.2218e+00	8.5693e+00
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.1444e+00	-1.8329e+01	3.9394e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.5808e+01	-1.0023e+01	1.8431e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.5403e+01	-7.9394e+00	6.9787e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-4.6009e+00	-1.0785e+01	9.0751e+00
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-3.0656e+01	-1.4179e+01	-1.0729e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-3.9489e+00	-9.4362e+00	-9.0494e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-3.7463e+00	-1.8330e+01	-4.5625e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-2.7764e+01	-2.3330e+01	-6.2422e+00
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.3451e+01	9.3345e+00	1.0775e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-8.5075e+00	8.5898e+00	-4.2969e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-9.2569e+00	-2.4922e+00	-1.1854e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-2.2602e+01	1.3173e+01	-6.4795e+00
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	-6.0033e+00	9.1146e+00	2.2178e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-4.2592e+00	9.7176e+00	-1.8561e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-5.4527e+00	6.9245e+00	-3.2827e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.2314e+01	1.0625e+01	7.9113e-01
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-6.8035e+00	9.2104e+00	-1.1112e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-4.2506e+00	9.0070e+00	-9.4858e-03
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-3.4459e+00	9.3818e+00	5.5837e-02
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-5.5788e+00	9.0366e+00	-1.0459e+00
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.7819e+01	1.1559e+01	-2.2596e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-8.3471e+00	6.0930e+00	4.2383e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-6.0549e+00	1.0158e+01	1.9804e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-8.1410e+00	9.5945e+00	-4.5176e+00
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	-3.0972e+01	1.4037e+01	7.7813e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.3877e+01	-5.9180e+00	1.4701e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.2299e+01	8.4745e+00	5.1123e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.9804e+01	9.3406e+00	-1.8073e+00
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-3.9917e+01	-3.1878e+01	4.2735e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-6.4704e+00	-2.4760e+01	3.1244e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-6.1931e+00	-1.4960e+01	1.0778e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-4.2311e+01	-2.4462e+01	1.1927e+01
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	-1.4506e+01	5.1827e+01	6.9583e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-7.4550e+01	3.7864e+00	5.3854e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-3.4276e+00	-4.2041e+01	-1.9966e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	-2.1074e+02	-3.5032e+01	4.4232e+01
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	-1.3682e+00	7.1505e+00	1.8723e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.7002e+01	1.7452e+01	2.0588e+00
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-5.1088e+01	6.5929e+00	1.1623e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	2.0205e+00	-3.8738e+00	2.8287e+01
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	5.0601e+00	2.2492e+00	5.7198e+00
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-4.3150e+00	8.3662e+00	7.0927e-01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.0118e+01	9.2113e+00	8.5191e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	1.6327e+00	-1.6301e+00	1.3530e+01
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	5.4750e+00	-9.1548e-01	-6.4660e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-4.6769e+00	7.9079e+00	-5.5473e+00
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-3.2653e+00	7.7118e+00	2.0633e+00

	1009	0.0000e+00	0.0000e+00	0.0000e+00	5.7558e+00	9.3135e-03	1.1446e+00
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.3426e+00	-3.6112e+00	-2.0518e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.6045e+01	9.8816e+00	-1.2716e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-6.7934e+00	9.0614e+00	-3.8316e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	3.7775e+00	3.2618e+00	-1.1634e+01
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	-2.4213e+00	-8.9857e+00	-3.8901e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-7.1818e+01	4.4707e+00	-1.5817e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-2.5685e+01	2.1003e+01	-3.9717e+00
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-6.0324e+00	8.7381e+00	-2.7055e+01
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-2.9170e+02	-7.0665e+01	-6.5642e+01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	7.7048e+00	-5.8745e+01	1.8713e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.0147e+02	-2.9744e+00	-8.9828e+00
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-2.7126e+01	6.9085e+01	-9.3338e+01
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	-6.1544e+01	8.1043e+00	-1.4017e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-4.0796e+01	-5.4295e+00	-3.1807e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-9.3673e+01	3.4880e+01	-2.4042e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-4.1439e+01	4.4850e+00	-6.2520e+00
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	-4.6378e+01	4.7503e+00	-1.1118e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-3.1084e+01	-1.9837e+01	-2.0883e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-3.3625e+01	2.4274e+01	-2.3296e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-6.1826e+01	4.9260e+00	-1.3531e+01
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	-4.0873e+01	-4.1569e+00	-1.0449e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-2.8357e+01	-2.2757e+01	-1.4193e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-2.8360e+01	9.7862e+00	-1.7875e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-4.7766e+01	-8.1944e-01	-1.4131e+01
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	-4.0692e+01	-9.0121e+00	-7.4267e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-2.9301e+01	-2.2567e+01	-7.7465e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-2.7383e+01	-1.8874e+00	-1.1784e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-4.3198e+01	-6.6743e+00	-1.1465e+01
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	-4.4041e+01	-1.0859e+01	-3.4821e+00
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-3.3106e+01	-2.0183e+01	-9.9927e-01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-2.9722e+01	-1.0096e+01	-5.4073e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	-4.2852e+01	-9.8480e+00	-7.8901e+00
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	-5.0984e+01	-1.0158e+01	1.0815e+00
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-3.9987e+01	-1.6138e+01	6.5388e+00
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-3.4821e+01	-1.4985e+01	1.6398e+00
	1501	0.0000e+00	0.0000e+00	0.0000e+00	-4.6097e+01	-1.0327e+01	-3.8175e+00
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	-6.2785e+01	-7.3751e+00	5.9774e+00
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-5.1144e+01	-1.0904e+01	1.5381e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-4.3209e+01	-1.6652e+01	9.8605e+00
	1500	0.0000e+00	0.0000e+00	0.0000e+00	-5.3397e+01	-8.1934e+00	4.5657e-01
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	-8.2625e+01	-3.7500e+00	1.0325e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-6.9672e+01	-5.4000e+00	2.6127e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-5.6528e+01	-1.4737e+01	2.0085e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	-6.6660e+01	-3.2674e+00	4.2828e+00
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	-1.2033e+02	-7.1335e+00	9.1872e+00
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-1.0240e+02	-3.3382e+00	3.7815e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-7.8577e+01	-7.1202e+00	3.3633e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	-9.1422e+01	5.7550e+00	5.0057e+00
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	-8.6418e+01	-3.5646e+01	-1.2031e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	-2.7066e+02	-2.7728e+01	4.0766e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-1.2131e+02	2.8209e+01	6.1100e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	-1.3851e+02	-8.0270e+00	8.3034e+00
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	-5.5394e+01	4.4162e-01	-1.1586e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-5.7146e+01	9.9699e+00	-1.3000e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-8.3308e+01	2.3371e+00	-1.0770e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-3.1836e+01	7.0245e+00	-9.3570e+00
1113	1494	0.0000e+00	0.0000e+00	0.0000e+00	-5.2401e+01	1.6520e+00	-9.3480e+00
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-5.1108e+01	2.3860e+00	-1.3183e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-5.3978e+01	5.3095e+00	-1.1415e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	-5.6595e+01	2.2046e+00	-7.5800e+00
1114	1493	0.0000e+00	0.0000e+00	0.0000e+00	-4.9530e+01	-3.3883e+00	-1.0266e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-4.6820e+01	-3.2327e+00	-1.2945e+01

1504 0.0000e+00 0.0000e+00 0.0000e+00 -5.0727e+01 -1.7020e+00 -1.3160e+01  
1494 0.0000e+00 0.0000e+00 0.0000e+00 -5.0557e+01 -1.0804e+00 -1.0481e+01

1115 1492 0.0000e+00 0.0000e+00 0.0000e+00 -4.8199e+01 -6.7299e+00 -9.4526e+00  
1502 0.0000e+00 0.0000e+00 0.0000e+00 -4.6119e+01 -7.6622e+00 -1.0023e+01  
1503 0.0000e+00 0.0000e+00 0.0000e+00 -4.6817e+01 -7.1228e+00 -1.1492e+01  
1493 0.0000e+00 0.0000e+00 0.0000e+00 -4.8553e+01 -4.8662e+00 -1.0921e+01

1116 1491 0.0000e+00 0.0000e+00 0.0000e+00 -4.9397e+01 -8.1330e+00 -8.1153e+00  
1501 0.0000e+00 0.0000e+00 0.0000e+00 -4.8535e+01 -9.4071e+00 -6.4683e+00  
1502 0.0000e+00 0.0000e+00 0.0000e+00 -4.6745e+01 -9.8504e+00 -8.3187e+00  
1492 0.0000e+00 0.0000e+00 0.0000e+00 -4.8153e+01 -7.1066e+00 -9.9656e+00

1117 1490 0.0000e+00 0.0000e+00 0.0000e+00 -5.3333e+01 -7.6745e+00 -6.9194e+00  
1500 0.0000e+00 0.0000e+00 0.0000e+00 -5.4362e+01 -8.6552e+00 -2.8433e+00  
1501 0.0000e+00 0.0000e+00 0.0000e+00 -4.9872e+01 -1.0023e+01 -4.5152e+00  
1491 0.0000e+00 0.0000e+00 0.0000e+00 -5.0314e+01 -7.3733e+00 -8.5913e+00

1118 1489 0.0000e+00 0.0000e+00 0.0000e+00 -6.0221e+01 -6.0433e+00 -6.7217e+00  
1499 0.0000e+00 0.0000e+00 0.0000e+00 -6.4395e+01 -5.6164e+00 1.7806e-01  
1500 0.0000e+00 0.0000e+00 0.0000e+00 -5.6580e+01 -7.9905e+00 -6.4768e-01  
1490 0.0000e+00 0.0000e+00 0.0000e+00 -5.5325e+01 -5.7705e+00 -7.5475e+00

1119 1488 0.0000e+00 0.0000e+00 0.0000e+00 -6.8720e+01 -5.2775e+00 -8.7182e+00  
1498 0.0000e+00 0.0000e+00 0.0000e+00 -8.0087e+01 -8.7992e-01 9.3623e-01  
1499 0.0000e+00 0.0000e+00 0.0000e+00 -6.7633e+01 -4.4975e+00 2.3596e+00  
1489 0.0000e+00 0.0000e+00 0.0000e+00 -6.3390e+01 -3.1908e+00 -7.2948e+00

1120 1487 0.0000e+00 0.0000e+00 0.0000e+00 -7.6108e+01 -9.7986e+00 -1.2874e+01  
1497 0.0000e+00 0.0000e+00 0.0000e+00 -9.5758e+01 1.6262e+00 -4.3172e+00  
1498 0.0000e+00 0.0000e+00 0.0000e+00 -8.4013e+01 -3.2761e+00 5.8058e-01  
1488 0.0000e+00 0.0000e+00 0.0000e+00 -7.2090e+01 -2.4866e+00 -7.9765e+00

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1437 0.0000e+00 0.0000e+00 0.0000e+00 -1.0591e+02 -1.9482e+01 -2.1428e+00  
1497 0.0000e+00 0.0000e+00 0.0000e+00 -1.0367e+02 -2.0144e+01 -6.5255e+00  
1487 0.0000e+00 0.0000e+00 0.0000e+00 -7.2704e+01 -1.3318e+01 -8.6400e+00

1122 1485 0.0000e+00 0.0000e+00 0.0000e+00 -4.2978e+01 -7.9162e-01 -1.1573e+01  
1495 0.0000e+00 0.0000e+00 0.0000e+00 -4.9899e+01 7.1830e+00 -1.0879e+01  
1496 0.0000e+00 0.0000e+00 0.0000e+00 -7.5333e+01 4.4995e+00 -9.7169e+00  
1486 0.0000e+00 0.0000e+00 0.0000e+00 -1.6265e+01 9.9507e+00 -1.0411e+01

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1494 0.0000e+00 0.0000e+00 0.0000e+00 -4.9843e+01 -6.7825e-01 -8.5737e+00  
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1485 0.0000e+00 0.0000e+00 0.0000e+00 -4.5642e+01 1.1524e+00 -6.6218e+00

1124 1483 0.0000e+00 0.0000e+00 0.0000e+00 -4.2168e+01 -4.4200e+00 -9.2661e+00  
1493 0.0000e+00 0.0000e+00 0.0000e+00 -4.7725e+01 -3.8195e+00 -1.0344e+01  
1494 0.0000e+00 0.0000e+00 0.0000e+00 -4.9725e+01 -5.7866e-01 -9.1252e+00  
1484 0.0000e+00 0.0000e+00 0.0000e+00 -4.2153e+01 -2.6256e+00 -8.0469e+00

1125 1482 0.0000e+00 0.0000e+00 0.0000e+00 -4.1788e+01 -6.6776e+00 -9.8421e+00  
1492 0.0000e+00 0.0000e+00 0.0000e+00 -4.7079e+01 -6.4212e+00 -1.0293e+01  
1493 0.0000e+00 0.0000e+00 0.0000e+00 -4.7656e+01 -4.4551e+00 -9.7078e+00  
1483 0.0000e+00 0.0000e+00 0.0000e+00 -4.2041e+01 -5.4692e+00 -9.2570e+00

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1482 0.0000e+00 0.0000e+00 0.0000e+00 -4.1813e+01 -7.0423e+00 -9.8975e+00

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1490 0.0000e+00 0.0000e+00 0.0000e+00 -5.1327e+01 -6.3364e+00 -9.4138e+00  
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1481 0.0000e+00 0.0000e+00 0.0000e+00 -4.2352e+01 -7.4748e+00 -1.0379e+01

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1478 0.0000e+00 0.0000e+00 0.0000e+00 -4.7416e+01 -5.1823e+00 -1.3295e+01

1131 1415 0.0000e+00 0.0000e+00 0.0000e+00 -4.8861e+01 -4.1990e+00 -4.2454e+00  
1426 0.0000e+00 0.0000e+00 0.0000e+00 -6.8643e+01 -1.1298e+01 -3.8977e+00  
1487 0.0000e+00 0.0000e+00 0.0000e+00 -6.9057e+01 -9.7003e+00 -9.1717e+00  
1477 0.0000e+00 0.0000e+00 0.0000e+00 -4.7806e+01 -5.3477e+00 -9.5194e+00

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1485 0.0000e+00 0.0000e+00 0.0000e+00 -3.6734e+01 8.3522e+00 -1.2075e+01  
1486 0.0000e+00 0.0000e+00 0.0000e+00 -6.5340e+01 6.5351e+00 -1.0904e+01  
1476 0.0000e+00 0.0000e+00 0.0000e+00 1.8199e+00 1.2654e+01 -1.1865e+01

1133 1474 0.0000e+00 0.0000e+00 0.0000e+00 -2.8447e+01 -1.8902e+00 -8.2417e+00  
1484 0.0000e+00 0.0000e+00 0.0000e+00 -3.8825e+01 -1.8483e+00 -7.9482e+00  
1485 0.0000e+00 0.0000e+00 0.0000e+00 -3.5136e+01 2.5914e+00 -7.2786e+00  
1475 0.0000e+00 0.0000e+00 0.0000e+00 -3.1594e+01 1.1792e+00 -7.5720e+00

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1482 0.0000e+00 0.0000e+00 0.0000e+00 -3.8520e+01 -6.4604e+00 -1.0081e+01  
1483 0.0000e+00 0.0000e+00 0.0000e+00 -3.8716e+01 -5.0423e+00 -9.1383e+00  
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1473 0.0000e+00 0.0000e+00 0.0000e+00 -2.6095e+01 -5.4888e+00 -9.9867e+00  
1474 0.0000e+00 0.0000e+00 0.0000e+00 -2.5754e+01 -2.9932e+00 -9.2447e+00  
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1472 0.0000e+00 0.0000e+00 0.0000e+00 -2.7009e+01 -6.8231e+00 -9.7342e+00  
1473 0.0000e+00 0.0000e+00 0.0000e+00 -2.6758e+01 -5.6080e+00 -9.8431e+00  
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1471 0.0000e+00 0.0000e+00 0.0000e+00 -2.6223e+01 -7.6726e+00 -9.3870e+00  
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1470 0.0000e+00 0.0000e+00 0.0000e+00 -2.3612e+01 -8.4899e+00 -9.7239e+00  
1471 0.0000e+00 0.0000e+00 0.0000e+00 -2.5477e+01 -8.6618e+00 -9.4351e+00  
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1458 0.0000e+00 0.0000e+00 0.0000e+00 4.7042e+00 -8.1355e+00 -1.3777e+01

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1428 0.0000e+00 0.0000e+00 0.0000e+00 -7.8463e+01 -1.1333e+01 -1.5815e+00  
1417 0.0000e+00 0.0000e+00 0.0000e+00 -5.6690e+01 -8.6359e+00 -3.2017e+00

1192 1414 0.0000e+00 0.0000e+00 0.0000e+00 -4.7975e+01 -9.6433e-01 4.6688e+00  
1425 0.0000e+00 0.0000e+00 0.0000e+00 -6.9842e+01 -3.1401e+00 4.9082e+00  
1426 0.0000e+00 0.0000e+00 0.0000e+00 -6.8471e+01 -9.4886e+00 6.1551e-01  
1415 0.0000e+00 0.0000e+00 0.0000e+00 -4.8861e+01 -3.1905e+00 3.7614e-01

1193 1413 0.0000e+00 0.0000e+00 0.0000e+00 -4.6889e+01 2.3949e+00 6.1345e+00

	1424	0.0000e+00	0.0000e+00	0.0000e+00	-6.3733e+01	5.5798e+00	3.4521e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-6.6276e+01	1.3832e+00	5.5811e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-4.9781e+01	3.6540e-01	8.2634e+00
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	-4.3205e+01	1.9835e+00	3.2029e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-5.4366e+01	4.3995e+00	-1.5732e+00
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-6.1001e+01	6.0216e+00	2.1697e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-4.6247e+01	1.0489e+00	6.9459e+00
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	-3.9341e+01	3.4406e-02	-1.4346e-01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-4.7305e+01	1.4739e+00	-3.8661e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-5.2487e+01	3.7614e+00	-1.1760e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-4.1702e+01	-1.0931e-01	2.5466e+00
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	-3.6745e+01	-1.7006e+00	-2.4404e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	-4.3514e+01	-7.1675e-01	-4.5030e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-4.6257e+01	7.3138e-01	-2.8928e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-3.8182e+01	-1.4632e+00	-8.3025e-01
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	-3.5582e+01	-2.8493e+00	-4.0900e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	-4.2761e+01	-1.6066e+00	-4.5774e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	-4.3120e+01	-1.2199e+00	-3.3738e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	-3.6210e+01	-2.3532e+00	-2.8864e+00
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	-3.5848e+01	-3.3459e+00	-5.8817e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	-4.4745e+01	-1.3542e+00	-4.8987e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	-4.2968e+01	-1.8534e+00	-3.4435e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	-3.5633e+01	-2.6948e+00	-4.4465e+00
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	-3.7241e+01	-3.2601e+00	-7.7285e+00
	1418	0.0000e+00	0.0000e+00	0.0000e+00	-4.8734e+01	-1.0226e+00	-5.6979e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	-4.5638e+01	-1.5110e+00	-4.0292e+00
	1408	0.0000e+00	0.0000e+00	0.0000e+00	-3.6223e+01	-2.5676e+00	-6.0598e+00
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	-3.8701e+01	-2.9340e+00	-7.0426e+00
	1417	0.0000e+00	0.0000e+00	0.0000e+00	-5.1412e+01	-3.7375e+00	-5.7515e+00
	1418	0.0000e+00	0.0000e+00	0.0000e+00	-5.0316e+01	-1.4589e+00	-5.5937e+00
	1407	0.0000e+00	0.0000e+00	0.0000e+00	-3.7181e+01	-2.5740e+00	-6.8848e+00
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	-3.8408e+01	-2.4681e+00	-7.2572e-01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-5.3762e+01	-7.0114e+00	-1.6574e-01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	-5.3543e+01	-5.9547e+00	-3.9036e+00
	1406	0.0000e+00	0.0000e+00	0.0000e+00	-3.7492e+01	-3.1194e+00	-4.4636e+00
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	-2.2751e+01	6.5309e+00	6.6049e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-4.4067e+01	2.9269e+00	5.7151e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-4.3779e+01	1.1810e+00	-2.2614e-02
	1404	0.0000e+00	0.0000e+00	0.0000e+00	-2.4842e+01	8.9036e+00	8.6710e-01
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	-2.1866e+01	-2.6240e-01	9.1930e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-4.0713e+01	2.4917e+00	7.5101e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-4.1175e+01	2.5615e+00	8.2880e+00
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-2.4814e+01	3.7799e+00	9.9709e+00
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	-2.3119e+01	-2.9559e+00	4.8590e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-3.6922e+01	4.7055e-01	3.9699e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-3.8913e+01	2.2167e+00	7.9798e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-2.2929e+01	-2.2725e+00	8.8690e+00
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	-2.4260e+01	-3.5142e+00	7.0107e-01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-3.4337e+01	-1.1204e+00	1.8816e-01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-3.6373e+01	5.9311e-01	3.8049e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-2.3262e+01	-4.1526e+00	4.3178e+00
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	-2.4223e+01	-3.8477e+00	-1.7638e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	-3.2792e+01	-2.0704e+00	-2.3609e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-3.4203e+01	-1.0596e+00	1.1391e-01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-2.4022e+01	-4.1676e+00	7.1104e-01
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	-2.3016e+01	-4.6167e+00	-3.4644e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	-3.1880e+01	-2.5896e+00	-4.2584e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	-3.2606e+01	-2.3181e+00	-2.2541e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	-2.3900e+01	-4.2476e+00	-1.4601e+00
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	-2.1018e+01	-5.4270e+00	-5.4807e+00
	1408	0.0000e+00	0.0000e+00	0.0000e+00	-3.1522e+01	-2.6242e+00	-6.3279e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	-3.1615e+01	-3.1164e+00	-4.0659e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	-2.2641e+01	-4.7788e+00	-3.2188e+00

1209 1396 0.0000e+00 0.0000e+00 0.0000e+00 -1.9431e+01 -4.5374e+00 -7.8471e+00  
1407 0.0000e+00 0.0000e+00 0.0000e+00 -3.1756e+01 -2.0553e+00 -8.2272e+00  
1408 0.0000e+00 0.0000e+00 0.0000e+00 -3.1520e+01 -3.1237e+00 -5.9819e+00  
1397 0.0000e+00 0.0000e+00 0.0000e+00 -2.0437e+01 -5.0737e+00 -5.6019e+00

1210 1395 0.0000e+00 0.0000e+00 0.0000e+00 -1.9950e+01 3.2960e-01 -7.9754e+00  
1406 0.0000e+00 0.0000e+00 0.0000e+00 -3.2602e+01 -9.5503e-01 -7.2242e+00  
1407 0.0000e+00 0.0000e+00 0.0000e+00 -3.2651e+01 -1.9417e+00 -7.2096e+00  
1396 0.0000e+00 0.0000e+00 0.0000e+00 -1.8378e+01 -3.2551e+00 -7.9608e+00

1211 1394 0.0000e+00 0.0000e+00 0.0000e+00 -2.0007e+01 5.9902e+00 -1.6148e+00  
1405 0.0000e+00 0.0000e+00 0.0000e+00 -3.4631e+01 8.8850e-01 -7.0595e-01  
1406 0.0000e+00 0.0000e+00 0.0000e+00 -3.4310e+01 -1.3454e-01 -4.7741e+00  
1395 0.0000e+00 0.0000e+00 0.0000e+00 -1.8486e+01 2.7944e+00 -5.6830e+00

1212 1392 0.0000e+00 0.0000e+00 0.0000e+00 8.2682e+00 1.5191e+01 1.0158e+01  
1403 0.0000e+00 0.0000e+00 0.0000e+00 -1.9351e+01 1.1313e+01 7.5995e+00  
1404 0.0000e+00 0.0000e+00 0.0000e+00 -1.9953e+01 1.4231e+01 1.2359e-02  
1393 0.0000e+00 0.0000e+00 0.0000e+00 3.6865e+00 2.5330e+01 2.5704e+00

1213 1391 0.0000e+00 0.0000e+00 0.0000e+00 4.4123e+00 -6.4125e+00 8.2230e+00  
1402 0.0000e+00 0.0000e+00 0.0000e+00 -1.4805e+01 -6.3489e-01 7.7385e+00  
1403 0.0000e+00 0.0000e+00 0.0000e+00 -1.4861e+01 6.0436e+00 1.1372e+01  
1392 0.0000e+00 0.0000e+00 0.0000e+00 3.4859e+00 4.6485e+00 1.1856e+01

1214 1390 0.0000e+00 0.0000e+00 0.0000e+00 -5.0040e+00 -7.5785e+00 -3.9614e-02  
1401 0.0000e+00 0.0000e+00 0.0000e+00 -1.6243e+01 -4.9203e+00 4.0512e+00  
1402 0.0000e+00 0.0000e+00 0.0000e+00 -1.5113e+01 -1.0037e+00 8.9706e+00  
1391 0.0000e+00 0.0000e+00 0.0000e+00 2.1556e+00 -8.0566e+00 4.8798e+00

1215 1389 0.0000e+00 0.0000e+00 0.0000e+00 -1.1177e+01 -5.8951e+00 -2.2459e+00  
1400 0.0000e+00 0.0000e+00 0.0000e+00 -1.9139e+01 -4.7117e+00 7.0843e-01  
1401 0.0000e+00 0.0000e+00 0.0000e+00 -1.7857e+01 -3.3741e+00 3.3910e+00  
1390 0.0000e+00 0.0000e+00 0.0000e+00 -6.4730e+00 -7.4862e+00 4.3663e-01

1216 1388 0.0000e+00 0.0000e+00 0.0000e+00 -1.3450e+01 -4.7638e+00 -2.1577e+00  
1399 0.0000e+00 0.0000e+00 0.0000e+00 -2.0307e+01 -4.1498e+00 -1.2400e+00  
1400 0.0000e+00 0.0000e+00 0.0000e+00 -2.0093e+01 -3.6632e+00 -3.7481e-03  
1389 0.0000e+00 0.0000e+00 0.0000e+00 -1.1804e+01 -5.4895e+00 -9.2151e-01

1217 1387 0.0000e+00 0.0000e+00 0.0000e+00 -1.2252e+01 -5.2522e+00 -1.5352e+00  
1398 0.0000e+00 0.0000e+00 0.0000e+00 -1.9411e+01 -4.3237e+00 -2.5566e+00  
1399 0.0000e+00 0.0000e+00 0.0000e+00 -2.0344e+01 -4.1016e+00 -1.7018e+00  
1388 0.0000e+00 0.0000e+00 0.0000e+00 -1.3389e+01 -4.8606e+00 -6.8027e-01

1218 1386 0.0000e+00 0.0000e+00 0.0000e+00 -7.8099e+00 -7.0638e+00 -1.6794e+00  
1397 0.0000e+00 0.0000e+00 0.0000e+00 -1.6751e+01 -4.7392e+00 -4.4434e+00  
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1387 0.0000e+00 0.0000e+00 0.0000e+00 -1.1577e+01 -5.8501e+00 -1.7670e-01

1219 1385 0.0000e+00 0.0000e+00 0.0000e+00 -7.1752e-01 -8.0114e+00 -4.0189e+00  
1396 0.0000e+00 0.0000e+00 0.0000e+00 -1.3693e+01 -3.4192e+00 -7.6785e+00  
1397 0.0000e+00 0.0000e+00 0.0000e+00 -1.5296e+01 -6.0659e+00 -4.6307e+00  
1386 0.0000e+00 0.0000e+00 0.0000e+00 -6.5303e+00 -7.4901e+00 -9.7109e-01

1220 1384 0.0000e+00 0.0000e+00 0.0000e+00 1.1154e+00 8.7692e-01 -8.7826e+00  
1395 0.0000e+00 0.0000e+00 0.0000e+00 -1.2731e+01 2.1083e+00 -8.9870e+00  
1396 0.0000e+00 0.0000e+00 0.0000e+00 -1.3058e+01 -3.2859e+00 -6.4630e+00  
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1221 1383 0.0000e+00 0.0000e+00 0.0000e+00 1.2539e+00 1.7252e+01 -2.9030e+00  
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1395 0.0000e+00 0.0000e+00 0.0000e+00 -1.5592e+01 6.1761e+00 -6.0511e+00  
1384 0.0000e+00 0.0000e+00 0.0000e+00 4.5670e+00 8.6505e+00 -7.9364e+00

1222 1381 0.0000e+00 0.0000e+00 0.0000e+00 6.0571e+01 2.2225e+01 1.2479e+01  
1392 0.0000e+00 0.0000e+00 0.0000e+00 1.1762e+01 2.0536e+01 1.0156e+01  
1393 0.0000e+00 0.0000e+00 0.0000e+00 1.0068e+01 3.4212e+01 1.3192e+00  
1382 0.0000e+00 0.0000e+00 0.0000e+00 5.7557e+01 4.9968e+01 3.6425e+00

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1391 0.0000e+00 0.0000e+00 0.0000e+00 1.5074e+01 -1.2997e+01 2.5337e+00  
1392 0.0000e+00 0.0000e+00 0.0000e+00 2.1377e+01 7.3685e+00 1.6628e+01  
1381 0.0000e+00 0.0000e+00 0.0000e+00 4.3516e+01 -2.0312e+01 3.0116e+00

1224 1379 0.0000e+00 0.0000e+00 0.0000e+00 3.3461e+00 -9.1248e+00 -1.2635e+01  
1390 0.0000e+00 0.0000e+00 0.0000e+00 7.5119e-01 -9.8098e+00 -1.6291e+00  
1391 0.0000e+00 0.0000e+00 0.0000e+00 7.3071e+00 -6.6054e+00 6.7594e-01

1380 0.0000e+00 0.0000e+00 0.0000e+00 1.9091e+01 -1.1841e+01 -1.0330e+01

1225 1378 0.0000e+00 0.0000e+00 0.0000e+00 -5.4175e+00 -4.5676e+00 -7.6652e+00  
1389 0.0000e+00 0.0000e+00 0.0000e+00 -8.1425e+00 -6.2334e+00 -2.2768e+00  
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1379 0.0000e+00 0.0000e+00 0.0000e+00 5.9099e-01 -6.0253e+00 -8.7440e+00

1226 1377 0.0000e+00 0.0000e+00 0.0000e+00 -8.4763e+00 -2.4759e+00 -3.0128e+00  
1388 0.0000e+00 0.0000e+00 0.0000e+00 -1.1364e+01 -4.3201e+00 -1.3035e+00  
1389 0.0000e+00 0.0000e+00 0.0000e+00 -9.7348e+00 -4.6378e+00 -3.0811e+00  
1378 0.0000e+00 0.0000e+00 0.0000e+00 -6.6418e+00 -2.9728e+00 -4.7905e+00

1227 1376 0.0000e+00 0.0000e+00 0.0000e+00 -7.5629e+00 -2.6613e+00 1.3163e+00  
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1377 0.0000e+00 0.0000e+00 0.0000e+00 -8.5945e+00 -2.3367e+00 -5.5315e-01

1228 1375 0.0000e+00 0.0000e+00 0.0000e+00 -2.3527e+00 -5.0519e+00 5.3498e+00  
1386 0.0000e+00 0.0000e+00 0.0000e+00 -5.3850e+00 -6.1801e+00 1.2976e+00  
1387 0.0000e+00 0.0000e+00 0.0000e+00 -9.2483e+00 -5.6516e+00 -1.7597e-01  
1376 0.0000e+00 0.0000e+00 0.0000e+00 -6.7005e+00 -3.8710e+00 3.8763e+00

1229 1374 0.0000e+00 0.0000e+00 0.0000e+00 1.1154e+01 -9.8055e+00 7.6162e+00  
1385 0.0000e+00 0.0000e+00 0.0000e+00 2.8901e+00 -6.8248e+00 -6.6166e-01  
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1375 0.0000e+00 0.0000e+00 0.0000e+00 -3.4586e-01 -7.5549e+00 8.5554e+00

1230 1373 0.0000e+00 0.0000e+00 0.0000e+00 3.0057e+01 -1.7115e+01 -1.3060e+00  
1384 0.0000e+00 0.0000e+00 0.0000e+00 1.3791e+01 2.8805e+00 -1.1933e+01  
1385 0.0000e+00 0.0000e+00 0.0000e+00 8.9220e+00 -1.1695e+01 -1.9392e+00  
1374 0.0000e+00 0.0000e+00 0.0000e+00 1.3393e+01 -1.1427e+01 8.6875e+00

1231 1372 0.0000e+00 0.0000e+00 0.0000e+00 3.9539e+01 3.4669e+01 -3.9875e+00  
1383 0.0000e+00 0.0000e+00 0.0000e+00 6.2867e+00 2.3307e+01 -2.0864e+00  
1384 0.0000e+00 0.0000e+00 0.0000e+00 7.8381e+00 1.2099e+01 -7.2548e+00  
1373 0.0000e+00 0.0000e+00 0.0000e+00 4.1840e+01 1.0940e+01 -9.1558e+00

1232 674 0.0000e+00 0.0000e+00 0.0000e+00 3.3279e+01 -8.7145e+01 -1.3416e+02  
1381 0.0000e+00 0.0000e+00 0.0000e+00 1.3230e+02 -7.7299e+00 -1.6566e+01  
1382 0.0000e+00 0.0000e+00 0.0000e+00 -5.6803e+00 8.6946e+01 2.6301e+01  
21 0.0000e+00 0.0000e+00 0.0000e+00 4.0955e+02 8.1740e+01 -9.1294e+01

1233 673 0.0000e+00 0.0000e+00 0.0000e+00 4.7195e+00 -1.0618e+01 -4.1099e+01  
1380 0.0000e+00 0.0000e+00 0.0000e+00 2.6715e+01 -2.3632e+01 -1.2204e+01  
1381 0.0000e+00 0.0000e+00 0.0000e+00 8.7033e+01 -1.2426e+01 -2.9459e+01  
674 0.0000e+00 0.0000e+00 0.0000e+00 2.9529e+00 8.6210e+00 -5.8354e+01

1234 672 0.0000e+00 0.0000e+00 0.0000e+00 -6.4411e+00 -2.1665e+00 -2.1925e+01  
1379 0.0000e+00 0.0000e+00 0.0000e+00 1.8964e+00 -7.1880e+00 -1.2767e+01  
1380 0.0000e+00 0.0000e+00 0.0000e+00 1.5972e+01 -1.1171e+01 -2.2909e+01  
673 0.0000e+00 0.0000e+00 0.0000e+00 -1.9591e+00 3.8289e+00 -3.2067e+01

1235 671 0.0000e+00 0.0000e+00 0.0000e+00 -9.1871e+00 1.8249e+00 -1.0474e+01  
1378 0.0000e+00 0.0000e+00 0.0000e+00 -6.7356e+00 -2.4639e+00 -7.3850e+00  
1379 0.0000e+00 0.0000e+00 0.0000e+00 -6.9814e-01 -5.2330e+00 -1.3892e+01  
672 0.0000e+00 0.0000e+00 0.0000e+00 -8.9644e+00 3.3240e+00 -1.6982e+01

1236 670 0.0000e+00 0.0000e+00 0.0000e+00 -9.9546e+00 3.1150e+00 -3.0688e+00  
1377 0.0000e+00 0.0000e+00 0.0000e+00 -9.1610e+00 -8.1484e-01 -2.2479e+00  
1378 0.0000e+00 0.0000e+00 0.0000e+00 -7.4418e+00 -1.8356e+00 -6.9762e+00  
671 0.0000e+00 0.0000e+00 0.0000e+00 -1.0010e+01 3.5683e+00 -7.7971e+00

1237 669 0.0000e+00 0.0000e+00 0.0000e+00 -9.9169e+00 3.2357e+00 3.4978e+00  
1376 0.0000e+00 0.0000e+00 0.0000e+00 -8.2563e+00 -1.4555e+00 2.9698e+00  
1377 0.0000e+00 0.0000e+00 0.0000e+00 -9.1910e+00 -7.9676e-01 -1.4644e+00  
670 0.0000e+00 0.0000e+00 0.0000e+00 -1.0052e+01 3.2653e+00 -9.3636e-01

1238 668 0.0000e+00 0.0000e+00 0.0000e+00 -9.2088e+00 2.6555e+00 1.1272e+01  
1375 0.0000e+00 0.0000e+00 0.0000e+00 -3.4642e+00 -4.2214e+00 9.0607e+00  
1376 0.0000e+00 0.0000e+00 0.0000e+00 -7.7421e+00 -1.9463e+00 3.5815e+00  
669 0.0000e+00 0.0000e+00 0.0000e+00 -9.4110e+00 1.9928e+00 5.7925e+00

1239 667 0.0000e+00 0.0000e+00 0.0000e+00 -4.5961e+00 2.2209e+00 2.3020e+01  
1374 0.0000e+00 0.0000e+00 0.0000e+00 8.3984e+00 -9.2578e+00 1.6613e+01  
1375 0.0000e+00 0.0000e+00 0.0000e+00 -1.6410e+00 -5.6516e+00 8.6248e+00  
668 0.0000e+00 0.0000e+00 0.0000e+00 -7.5396e+00 -1.3618e+00 1.5032e+01

1240 666 0.0000e+00 0.0000e+00 0.0000e+00 -1.9329e+00 3.6250e+00 4.2536e+01  
1373 0.0000e+00 0.0000e+00 0.0000e+00 5.8738e+01 -1.2088e+01 2.2282e+01

	1374	0.0000e+00	0.0000e+00	0.0000e+00	1.5937e+01	-1.8094e+01	9.3409e+00
	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.7382e-01	-8.2625e+00	2.9595e+01
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	2.8470e+02	4.0242e+01	6.2443e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.4284e+00	5.9508e+01	-2.2935e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	9.2336e+01	-1.1935e+01	1.2049e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	1.7936e+01	-6.1726e+01	9.7426e+01
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	-7.2779e+01	1.2622e+01	-1.2050e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-5.5952e+01	1.6061e+01	-4.3069e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	-1.3619e+02	1.4399e+01	-2.7642e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-5.5400e+01	-1.2616e+01	3.3774e+00
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	-4.3947e+01	1.2783e+01	-1.3417e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-3.5128e+01	5.4240e-02	-2.8205e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-4.6371e+01	1.7482e+01	-3.0146e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-6.2669e+01	8.5838e+00	-1.5358e+01
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	-3.0835e+01	5.7259e+00	-1.3820e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-2.5049e+01	-4.4216e+00	-2.1431e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-3.0220e+01	1.1296e+01	-2.4374e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-4.1086e+01	6.9584e+00	-1.6763e+01
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	-2.4036e+01	1.2754e+00	-1.2187e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-1.9677e+01	-6.6017e+00	-1.6508e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-2.2165e+01	5.3565e+00	-1.9194e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-3.0304e+01	2.7811e+00	-1.4872e+01
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	-2.0454e+01	-1.6293e+00	-1.0158e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-1.6970e+01	-7.6081e+00	-1.2475e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-1.8006e+01	7.5031e-01	-1.4883e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-2.4112e+01	-4.7433e-01	-1.2566e+01
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	-1.9058e+01	-3.3719e+00	-8.0144e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-1.6211e+01	-7.9309e+00	-8.8286e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-1.6154e+01	-2.4806e+00	-1.1086e+01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-2.0765e+01	-2.5839e+00	-1.0272e+01
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	-1.9584e+01	-4.2563e+00	-5.8095e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-1.7288e+01	-7.8966e+00	-5.2268e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-1.6111e+01	-4.4533e+00	-7.4614e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	-1.9580e+01	-3.6824e+00	-8.0441e+00
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	-2.2320e+01	-4.6303e+00	-3.6229e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-2.0743e+01	-7.8899e+00	-1.3387e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-1.7930e+01	-5.2058e+00	-3.6431e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	-2.0505e+01	-3.9162e+00	-5.9274e+00
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	-2.8993e+01	-5.7462e+00	-2.1459e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-2.8304e+01	-8.9153e+00	3.0788e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-2.2387e+01	-4.3242e+00	8.9902e-01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	-2.4323e+01	-3.1903e+00	-4.3257e+00
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	-2.0445e+01	-1.0766e+01	-3.6711e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	-6.5694e+01	-1.6974e+01	6.5968e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-3.2016e+01	3.5892e+00	8.5909e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	-3.3318e+01	-6.5555e+00	-1.6771e+00
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	-4.4733e+01	1.3159e+00	-3.0051e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-5.8373e+01	4.3360e+00	-4.5564e+00
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-6.0408e+01	-6.0733e+00	-4.2935e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-4.5841e+01	-3.5721e+00	-2.7422e+00
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	-4.0859e+01	7.8935e+00	-5.5628e+00
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-4.3561e+01	9.6662e+00	-1.2548e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-5.3633e+01	1.0015e+01	-8.1935e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-4.4941e+01	3.1924e+00	-1.2087e+00
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	-3.2737e+01	5.2779e+00	-7.4101e+00
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-3.3023e+01	6.0305e+00	-1.3788e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-4.1308e+01	6.7351e+00	-1.2586e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-3.7376e+01	5.1145e+00	-6.2079e+00
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	-2.6350e+01	2.0389e+00	-8.0580e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-2.6245e+01	2.0554e+00	-1.2410e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-3.1233e+01	2.5977e+00	-1.2614e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	-3.0180e+01	3.0160e+00	-8.2615e+00
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	-2.2196e+01	-4.5561e-01	-7.9179e+00



1357 0.0000e+00 0.0000e+00 0.0000e+00 -2.2229e+01 -7.8988e-01 -1.0582e+01  
1358 0.0000e+00 0.0000e+00 0.0000e+00 -2.5089e+01 -5.1030e-01 -1.1277e+01  
1347 0.0000e+00 0.0000e+00 0.0000e+00 -2.4735e+01 5.2639e-01 -8.6124e+00

1257 1345 0.0000e+00 0.0000e+00 0.0000e+00 -1.9820e+01 -2.0727e+00 -7.3634e+00  
1356 0.0000e+00 0.0000e+00 0.0000e+00 -2.0330e+01 -2.5200e+00 -8.7040e+00  
1357 0.0000e+00 0.0000e+00 0.0000e+00 -2.1605e+01 -2.5051e+00 -9.5381e+00  
1346 0.0000e+00 0.0000e+00 0.0000e+00 -2.1262e+01 -1.3059e+00 -8.1975e+00

1258 1344 0.0000e+00 0.0000e+00 0.0000e+00 -1.8880e+01 -3.0168e+00 -6.7253e+00  
1355 0.0000e+00 0.0000e+00 0.0000e+00 -2.0257e+01 -3.3291e+00 -6.9369e+00  
1356 0.0000e+00 0.0000e+00 0.0000e+00 -2.0154e+01 -3.5686e+00 -7.6959e+00  
1345 0.0000e+00 0.0000e+00 0.0000e+00 -1.9412e+01 -2.3825e+00 -7.4844e+00

1259 1343 0.0000e+00 0.0000e+00 0.0000e+00 -1.8917e+01 -3.6771e+00 -6.2840e+00  
1354 0.0000e+00 0.0000e+00 0.0000e+00 -2.2029e+01 -3.4217e+00 -5.5202e+00  
1355 0.0000e+00 0.0000e+00 0.0000e+00 -2.0494e+01 -3.9793e+00 -5.9434e+00  
1344 0.0000e+00 0.0000e+00 0.0000e+00 -1.8904e+01 -2.8883e+00 -6.7073e+00

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1353 0.0000e+00 0.0000e+00 0.0000e+00 -2.4242e+01 -3.2715e+00 -5.0453e+00  
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1343 0.0000e+00 0.0000e+00 0.0000e+00 -1.9106e+01 -3.2648e+00 -5.8968e+00

1261 1341 0.0000e+00 0.0000e+00 0.0000e+00 -1.7964e+01 -4.7807e+00 -2.6830e+00  
1352 0.0000e+00 0.0000e+00 0.0000e+00 -2.6110e+01 -6.1295e+00 -2.6036e+00  
1353 0.0000e+00 0.0000e+00 0.0000e+00 -2.5831e+01 -8.1433e+00 -4.6154e+00  
1342 0.0000e+00 0.0000e+00 0.0000e+00 -1.8082e+01 -5.5205e+00 -4.6948e+00

1262 1339 0.0000e+00 0.0000e+00 0.0000e+00 -3.0249e+01 2.4992e+00 -2.1927e-01  
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1340 0.0000e+00 0.0000e+00 0.0000e+00 -3.1579e+01 1.0340e+00 -1.6180e+00

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1339 0.0000e+00 0.0000e+00 0.0000e+00 -3.0748e+01 2.8176e+00 1.4300e+00

1264 1337 0.0000e+00 0.0000e+00 0.0000e+00 -2.4819e+01 2.8050e+00 -2.2980e+00  
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1268 1333 0.0000e+00 0.0000e+00 0.0000e+00 -1.4527e+01 -2.7372e+00 -6.0390e+00  
1344 0.0000e+00 0.0000e+00 0.0000e+00 -1.7877e+01 -2.4699e+00 -6.9335e+00  
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1343 0.0000e+00 0.0000e+00 0.0000e+00 -1.7523e+01 -2.9075e+00 -6.4615e+00  
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1270 1331 0.0000e+00 0.0000e+00 0.0000e+00 -1.2734e+01 -2.6496e+00 -4.9895e+00  
1342 0.0000e+00 0.0000e+00 0.0000e+00 -1.7035e+01 -3.6840e+00 -5.4218e+00  
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1332 0.0000e+00 0.0000e+00 0.0000e+00 -1.2998e+01 -3.0606e+00 -5.5973e+00

1271 1330 0.0000e+00 0.0000e+00 0.0000e+00 -1.1895e+01 -1.4054e+00 -2.3352e+00  
1341 0.0000e+00 0.0000e+00 0.0000e+00 -1.7075e+01 -3.2817e+00 -2.5472e+00  
1342 0.0000e+00 0.0000e+00 0.0000e+00 -1.7315e+01 -4.1501e+00 -4.2763e+00  
1331 0.0000e+00 0.0000e+00 0.0000e+00 -1.2084e+01 -2.6132e+00 -4.0643e+00

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1339 0.0000e+00 0.0000e+00 0.0000e+00 -2.7755e+01 4.1016e+00 7.0699e-01  
1340 0.0000e+00 0.0000e+00 0.0000e+00 -2.8268e+01 3.2171e+00 -1.5552e+00  
1329 0.0000e+00 0.0000e+00 0.0000e+00 -1.7314e+01 6.3016e+00 -6.3209e-01

1273 1327 0.0000e+00 0.0000e+00 0.0000e+00 -1.4679e+01 1.7912e+00 2.4442e+00  
1338 0.0000e+00 0.0000e+00 0.0000e+00 -2.4817e+01 3.5674e+00 8.2711e-01  
1339 0.0000e+00 0.0000e+00 0.0000e+00 -2.6011e+01 3.8556e+00 1.7329e+00  
1328 0.0000e+00 0.0000e+00 0.0000e+00 -1.6761e+01 3.8438e+00 3.3499e+00

1274 1326 0.0000e+00 0.0000e+00 0.0000e+00 -1.4240e+01 -1.0207e-01 -1.4189e-01  
1337 0.0000e+00 0.0000e+00 0.0000e+00 -2.1464e+01 1.8345e+00 -1.5059e+00  
1338 0.0000e+00 0.0000e+00 0.0000e+00 -2.3582e+01 3.1532e+00 8.7196e-01  
1327 0.0000e+00 0.0000e+00 0.0000e+00 -1.4887e+01 3.9583e-01 2.2360e+00

1275 1325 0.0000e+00 0.0000e+00 0.0000e+00 -1.3674e+01 -9.5846e-01 -2.4527e+00  
1336 0.0000e+00 0.0000e+00 0.0000e+00 -1.8693e+01 2.4897e-01 -3.6495e+00  
1337 0.0000e+00 0.0000e+00 0.0000e+00 -2.0855e+01 1.5615e+00 -1.6763e+00  
1326 0.0000e+00 0.0000e+00 0.0000e+00 -1.3937e+01 -1.1261e+00 -4.7952e-01

1276 1324 0.0000e+00 0.0000e+00 0.0000e+00 -1.2549e+01 -1.6072e+00 -3.6579e+00  
1335 0.0000e+00 0.0000e+00 0.0000e+00 -1.6466e+01 -9.4260e-01 -4.8683e+00  
1336 0.0000e+00 0.0000e+00 0.0000e+00 -1.8296e+01 -3.5996e-02 -3.6952e+00  
1325 0.0000e+00 0.0000e+00 0.0000e+00 -1.3172e+01 -1.6871e+00 -2.4848e+00

1277 1323 0.0000e+00 0.0000e+00 0.0000e+00 -1.0931e+01 -2.3423e+00 -4.1819e+00  
1334 0.0000e+00 0.0000e+00 0.0000e+00 -1.4563e+01 -1.8326e+00 -5.4490e+00  
1335 0.0000e+00 0.0000e+00 0.0000e+00 -1.6050e+01 -1.3326e+00 -4.7619e+00  
1324 0.0000e+00 0.0000e+00 0.0000e+00 -1.2012e+01 -2.1792e+00 -3.4948e+00

1278 1322 0.0000e+00 0.0000e+00 0.0000e+00 -9.0283e+00 -3.0070e+00 -4.5334e+00  
1333 0.0000e+00 0.0000e+00 0.0000e+00 -1.2927e+01 -2.4032e+00 -5.7885e+00  
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1323 0.0000e+00 0.0000e+00 0.0000e+00 -1.0390e+01 -2.7831e+00 -3.9852e+00

1279 1321 0.0000e+00 0.0000e+00 0.0000e+00 -7.3501e+00 -2.9035e+00 -4.8633e+00  
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1321 0.0000e+00 0.0000e+00 0.0000e+00 -6.6906e+00 -2.6518e+00 -4.8397e+00

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1330 0.0000e+00 0.0000e+00 0.0000e+00 -1.0826e+01 -2.1983e-01 -2.1863e+00  
1331 0.0000e+00 0.0000e+00 0.0000e+00 -1.1096e+01 -1.4148e+00 -3.7741e+00  
1320 0.0000e+00 0.0000e+00 0.0000e+00 -5.9505e+00 -1.6470e-01 -3.7705e+00

1282 1317 0.0000e+00 0.0000e+00 0.0000e+00 1.4326e+00 9.5520e+00 3.7509e+00  
1328 0.0000e+00 0.0000e+00 0.0000e+00 -1.3707e+01 7.7002e+00 2.4396e+00  
1329 0.0000e+00 0.0000e+00 0.0000e+00 -1.4157e+01 9.0908e+00 -1.1589e+00  
1318 0.0000e+00 0.0000e+00 0.0000e+00 -7.7500e-01 1.4342e+01 1.5243e-01

1283 1316 0.0000e+00 0.0000e+00 0.0000e+00 -1.3500e-01 -1.8012e+00 2.7076e+00  
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1328 0.0000e+00 0.0000e+00 0.0000e+00 -1.1265e+01 5.0186e+00 4.1567e+00  
1317 0.0000e+00 0.0000e+00 0.0000e+00 -9.6622e-01 4.0111e+00 4.8469e+00

1284 1315 0.0000e+00 0.0000e+00 0.0000e+00 -4.3417e+00 -2.8033e+00 -1.7684e+00  
1326 0.0000e+00 0.0000e+00 0.0000e+00 -1.0488e+01 -1.2787e+00 -2.5501e-01  
1327 0.0000e+00 0.0000e+00 0.0000e+00 -1.0632e+01 1.0650e+00 2.5218e+00  
1316 0.0000e+00 0.0000e+00 0.0000e+00 -1.1307e+00 -2.8919e+00 1.0084e+00

1285 1314 0.0000e+00 0.0000e+00 0.0000e+00 -6.8233e+00 -2.3363e+00 -3.0826e+00  
1325 0.0000e+00 0.0000e+00 0.0000e+00 -1.0974e+01 -1.7032e+00 -2.1770e+00  
1326 0.0000e+00 0.0000e+00 0.0000e+00 -1.1086e+01 -6.7937e-01 -6.5682e-01  
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1320 0.0000e+00 0.0000e+00 0.0000e+00 -4.3168e+00 -4.3298e-01 -4.6982e+00  
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1317 0.0000e+00 0.0000e+00 0.0000e+00 3.4138e+00 1.2375e+01 4.0743e+00  
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1306 0.0000e+00 0.0000e+00 0.0000e+00 2.0650e+01 -8.8613e+00 6.1853e-01

1294 1304 0.0000e+00 0.0000e+00 0.0000e+00 6.4090e-01 -3.8626e+00 -7.7439e+00  
1315 0.0000e+00 0.0000e+00 0.0000e+00 -1.1422e+00 -4.0742e+00 -2.4071e+00  
1316 0.0000e+00 0.0000e+00 0.0000e+00 1.7927e+00 -2.0986e+00 -1.0211e+00  
1305 0.0000e+00 0.0000e+00 0.0000e+00 8.5199e+00 -5.0462e+00 -6.3579e+00

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1315 0.0000e+00 0.0000e+00 0.0000e+00 -3.0529e+00 -2.4920e+00 -3.3382e+00  
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1314 0.0000e+00 0.0000e+00 0.0000e+00 -5.8237e+00 -1.8954e+00 -3.3663e+00  
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1297 1301 0.0000e+00 0.0000e+00 0.0000e+00 -4.2041e+00 -1.1687e+00 -1.1778e+00  
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1302 0.0000e+00 0.0000e+00 0.0000e+00 -4.7453e+00 -1.0249e+00 -2.0493e+00

1298 1300 0.0000e+00 0.0000e+00 0.0000e+00 -2.0586e+00 -2.1629e+00 6.4337e-01  
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1299 1299 0.0000e+00 0.0000e+00 0.0000e+00 2.8733e+00 -4.0246e+00 1.7967e+00  
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1311 0.0000e+00 0.0000e+00 0.0000e+00 -2.0896e+00 -3.7845e+00 -1.3146e+00  
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1310 0.0000e+00 0.0000e+00 0.0000e+00 2.4726e+00 -5.0322e+00 -1.7347e+00  
1299 0.0000e+00 0.0000e+00 0.0000e+00 3.7035e+00 -4.8637e+00 2.3204e+00

1301 1297 0.0000e+00 0.0000e+00 0.0000e+00 1.2428e+01 1.0987e+01 -3.0607e+00  
1308 0.0000e+00 0.0000e+00 0.0000e+00 2.3592e+00 7.1480e+00 -2.1880e+00  
1309 0.0000e+00 0.0000e+00 0.0000e+00 2.7907e+00 2.8652e+00 -3.4144e+00  
1298 0.0000e+00 0.0000e+00 0.0000e+00 1.3765e+01 1.4472e+00 -4.2871e+00

1302 557 0.0000e+00 0.0000e+00 0.0000e+00 1.7099e+01 -4.4088e+01 -7.0533e+01  
1306 0.0000e+00 0.0000e+00 0.0000e+00 6.7193e+01 -1.0997e+00 -9.8460e+00  
1307 0.0000e+00 0.0000e+00 0.0000e+00 -5.6866e+00 4.7005e+01 1.0881e+01  
19 0.0000e+00 0.0000e+00 0.0000e+00 2.1295e+02 4.9077e+01 -4.9806e+01

1303 556 0.0000e+00 0.0000e+00 0.0000e+00 1.8440e+00 -4.2969e+00 -2.2208e+01  
1305 0.0000e+00 0.0000e+00 0.0000e+00 1.2748e+01 -1.1014e+01 -7.2436e+00

	1306	0.0000e+00	0.0000e+00	0.0000e+00	4.4071e+01	-4.5183e+00	-1.6213e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	8.4356e-01	6.4709e+00	-3.1177e+01
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	-3.8375e+00	-4.6292e-01	-1.2273e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	1.0739e-01	-2.9489e+00	-7.7050e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	7.2087e+00	-4.6343e+00	-1.2863e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	-1.6821e+00	3.0620e+00	-1.7431e+01
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	-4.9752e+00	1.1722e+00	-6.4822e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	-4.0275e+00	-8.6956e-01	-5.1340e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	-1.1516e+00	-2.0544e+00	-8.3421e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	-5.1193e+00	2.2367e+00	-9.6903e+00
1306	553	0.0000e+00	0.0000e+00	0.0000e+00	-5.0286e+00	1.4859e+00	-2.9432e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-4.9728e+00	-2.5115e-01	-2.7619e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	-4.2844e+00	-6.5585e-01	-4.9619e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-5.3497e+00	1.9501e+00	-5.1432e+00
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	-4.6971e+00	1.2744e+00	-8.0509e-02
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-4.4133e+00	-6.1818e-01	-4.8871e-01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-4.8902e+00	-3.1938e-01	-2.3771e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	-5.0474e+00	1.5158e+00	-1.9689e+00
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	-4.1648e+00	7.5641e-01	2.9616e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-2.4596e+00	-1.8008e+00	1.9821e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-4.1245e+00	-8.6785e-01	-1.3753e-01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-4.4847e+00	7.5920e-01	8.4198e-01
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	-2.4940e+00	1.8304e-01	7.1629e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	1.8181e+00	-3.8402e+00	4.8605e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-1.7506e+00	-2.3485e+00	1.9850e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-3.5907e+00	-6.9549e-01	4.2874e+00
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.4129e+00	-1.5747e-01	1.3762e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	1.8451e+01	-5.4784e+00	6.9782e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	4.3772e+00	-6.7607e+00	2.6018e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.0847e+00	-3.4426e+00	9.3854e+00
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	8.9722e+01	6.0383e+00	1.8556e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	3.1897e+00	1.8814e+01	-1.0197e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	3.0196e+01	-7.1209e+00	2.9894e+00
	549	0.0000e+00	0.0000e+00	0.0000e+00	4.4541e+00	-2.0375e+01	3.1742e+01
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	3.3317e+01	6.5556e+00	-1.6770e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	3.2016e+01	-3.5899e+00	8.5908e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	6.5695e+01	1.6975e+01	6.5968e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.0445e+01	1.0766e+01	-3.6711e+00
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	2.4323e+01	3.1900e+00	-4.3257e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	2.2387e+01	4.3233e+00	8.9902e-01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	2.8305e+01	8.9157e+00	3.0788e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.8992e+01	5.7461e+00	-2.1459e+00
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	2.0505e+01	3.9158e+00	-5.9273e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	1.7930e+01	5.2049e+00	-3.6431e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	2.0743e+01	7.8898e+00	-1.3387e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	2.2320e+01	4.6300e+00	-3.6229e+00
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.9580e+01	3.6819e+00	-8.0440e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	1.6111e+01	4.4526e+00	-7.4613e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	1.7288e+01	7.8962e+00	-5.2267e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.9583e+01	4.2558e+00	-5.8094e+00
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	2.0765e+01	2.5833e+00	-1.0272e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	1.6154e+01	2.4801e+00	-1.1086e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	1.6211e+01	7.9302e+00	-8.8285e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.9058e+01	3.3713e+00	-8.0143e+00
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.4112e+01	4.7389e-01	-1.2566e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	1.8007e+01	-7.5041e-01	-1.4883e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	1.6970e+01	7.6073e+00	-1.2474e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	2.0453e+01	1.6288e+00	-1.0158e+01
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	3.0304e+01	-2.7813e+00	-1.4872e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	2.2166e+01	-5.3561e+00	-1.9194e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	1.9677e+01	6.6008e+00	-1.6508e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.4036e+01	-1.2758e+00	-1.2187e+01
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	4.1087e+01	-6.9582e+00	-1.6763e+01

	1289	0.0000e+00	0.0000e+00	0.0000e+00	3.0221e+01	-1.1295e+01	-2.4374e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	2.5050e+01	4.4206e+00	-2.1431e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	3.0835e+01	-5.7260e+00	-1.3820e+01
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	6.2669e+01	-8.5830e+00	-1.5358e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	4.6373e+01	-1.7480e+01	-3.0146e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	3.5129e+01	-5.5113e-02	-2.8205e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	4.3947e+01	-1.2783e+01	-1.3418e+01
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	5.5400e+01	1.2618e+01	3.3769e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	1.3619e+02	-1.4395e+01	-2.7643e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	5.5953e+01	-1.6062e+01	-4.3070e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	7.2779e+01	-1.2621e+01	-1.2050e+01
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.8081e+01	5.5206e+00	-4.6949e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.5831e+01	8.1433e+00	-4.6155e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.6110e+01	6.1297e+00	-2.6036e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	1.7963e+01	4.7809e+00	-2.6830e+00
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	1.9106e+01	3.2645e+00	-5.8968e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	2.2574e+01	4.5231e+00	-4.9435e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.4241e+01	3.2713e+00	-5.0454e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.9370e+01	4.7310e+00	-5.9987e+00
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.8903e+01	2.8879e+00	-6.7073e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	2.0494e+01	3.9789e+00	-5.9434e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	2.2029e+01	3.4213e+00	-5.5202e+00
	1274	0.0000e+00	0.0000e+00	0.0000e+00	1.8916e+01	3.6769e+00	-6.2840e+00
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.9411e+01	2.3821e+00	-7.4842e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	2.0154e+01	3.5680e+00	-7.6958e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	2.0256e+01	3.3286e+00	-6.9368e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.8880e+01	3.0163e+00	-6.7253e+00
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.1262e+01	1.3054e+00	-8.1972e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	2.1604e+01	2.5045e+00	-9.5379e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	2.0330e+01	2.5194e+00	-8.7039e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.9820e+01	2.0722e+00	-7.3632e+00
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.4735e+01	-5.2679e-01	-8.6122e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.5089e+01	5.0980e-01	-1.1277e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	2.2229e+01	7.8937e-01	-1.0582e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.2195e+01	4.5512e-01	-7.9177e+00
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.0179e+01	-3.0162e+00	-8.2612e+00
	1280	0.0000e+00	0.0000e+00	0.0000e+00	3.1233e+01	-2.5981e+00	-1.2613e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.6244e+01	-2.0558e+00	-1.2410e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.6349e+01	-2.0393e+00	-8.0577e+00
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.7376e+01	-5.1143e+00	-6.2076e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	4.1308e+01	-6.7350e+00	-1.2586e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	3.3023e+01	-6.0305e+00	-1.3788e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.2737e+01	-5.2781e+00	-7.4098e+00
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.4940e+01	-3.1918e+00	-1.2085e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	5.3633e+01	-1.0014e+01	-8.1934e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	4.3561e+01	-9.6658e+00	-1.2547e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	4.0858e+01	-7.8933e+00	-5.5626e+00
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.5841e+01	3.5732e+00	-2.7425e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	6.0408e+01	6.0745e+00	-4.2938e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	5.8373e+01	-4.3349e+00	-4.5564e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.4732e+01	-1.3152e+00	-3.0051e+00
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	1.2083e+01	2.6132e+00	-4.0643e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.7314e+01	4.1500e+00	-4.2763e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	1.7074e+01	3.2818e+00	-2.5472e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	1.1894e+01	1.4054e+00	-2.3352e+00
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	1.2997e+01	3.0604e+00	-5.5972e+00
	1274	0.0000e+00	0.0000e+00	0.0000e+00	1.7646e+01	3.2258e+00	-6.0296e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.7034e+01	3.6839e+00	-5.4219e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	1.2733e+01	2.6495e+00	-4.9895e+00
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.4140e+01	2.8922e+00	-5.9535e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.7746e+01	2.8840e+00	-6.3934e+00
	1274	0.0000e+00	0.0000e+00	0.0000e+00	1.7522e+01	2.9072e+00	-6.4615e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	1.3473e+01	3.0333e+00	-6.0216e+00

1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.5591e+01	2.3781e+00	-5.8462e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.8624e+01	2.2649e+00	-6.7407e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.7876e+01	2.4694e+00	-6.9335e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.4526e+01	2.7369e+00	-6.0389e+00
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	1.7550e+01	1.5196e+00	-5.4903e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.0636e+01	1.0786e+00	-6.9987e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.9016e+01	1.7401e+00	-7.3168e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.6114e+01	1.9271e+00	-5.8084e+00
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.0156e+01	3.1570e-01	-4.5936e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.3995e+01	-8.2800e-01	-6.8360e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.1279e+01	4.0376e-01	-7.5601e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	1.8328e+01	6.8942e-01	-5.3176e+00
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	2.3544e+01	-1.1993e+00	-2.7434e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	2.8907e+01	-3.3956e+00	-5.8364e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.4945e+01	-1.6517e+00	-7.3029e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.1238e+01	-9.5328e-01	-4.2098e+00
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.7455e+01	-2.6064e+00	-4.6391e-02
	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.5062e+01	-5.6716e+00	-3.7126e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.0271e+01	-4.1841e+00	-5.9639e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	2.4818e+01	-2.8052e+00	-2.2977e+00
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	3.0747e+01	-2.8173e+00	1.4301e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	3.9559e+01	-4.2141e+00	-1.1098e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.6864e+01	-5.8402e+00	-2.8421e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.8295e+01	-3.8174e+00	-3.0219e-01
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	3.1578e+01	-1.0334e+00	-1.6182e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.2217e+01	1.2514e+00	-2.4640e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.1833e+01	-2.0220e+00	-1.0650e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	3.0248e+01	-2.4988e+00	-2.1922e-01
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	5.9496e+00	1.6466e-01	-3.7705e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	1.1095e+01	1.4148e+00	-3.7741e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	1.0825e+01	2.1985e-01	-2.1863e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	6.2127e+00	-1.6645e+00	-2.1826e+00
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	6.6897e+00	2.6517e+00	-4.8397e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	1.1566e+01	2.5527e+00	-5.2253e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	1.0854e+01	1.8474e+00	-4.8758e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	6.6208e+00	1.0584e+00	-4.4902e+00
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	8.4499e+00	3.2079e+00	-4.4551e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.2553e+01	2.8123e+00	-5.4545e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	1.1629e+01	2.4933e+00	-5.8626e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	7.3492e+00	2.9033e+00	-4.8633e+00
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.0389e+01	2.7827e+00	-3.9851e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.4107e+01	2.3043e+00	-5.2402e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.2926e+01	2.4028e+00	-5.7884e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	9.0274e+00	3.0067e+00	-4.5334e+00
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.2011e+01	2.1788e+00	-3.4946e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	1.6049e+01	1.3322e+00	-4.7617e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.4562e+01	1.8322e+00	-5.4489e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.0930e+01	2.3420e+00	-4.1817e+00
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.3171e+01	1.6868e+00	-2.4845e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	1.8295e+01	3.5634e-02	-3.6950e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	1.6465e+01	9.4220e-01	-4.8681e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.2548e+01	1.6069e+00	-3.6576e+00
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.3936e+01	1.1259e+00	-4.7925e-01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	2.0854e+01	-1.5617e+00	-1.6760e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	1.8692e+01	-2.4929e-01	-3.6492e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.3673e+01	9.5816e-01	-2.4524e+00
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.4886e+01	-3.9589e-01	2.2362e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.3581e+01	-3.1532e+00	8.7223e-01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	2.1463e+01	-1.8346e+00	-1.5056e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.4239e+01	1.0189e-01	-1.4162e-01
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.6760e+01	-3.8436e+00	3.3501e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.6010e+01	-3.8553e+00	1.7330e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.4816e+01	-3.5673e+00	8.2734e-01

	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.4678e+01	-1.7912e+00	2.4444e+00
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.7313e+01	-6.3012e+00	-6.3215e-01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.8267e+01	-3.2165e+00	-1.5553e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.7754e+01	-4.1013e+00	7.0705e-01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.5955e+01	-5.4824e+00	1.6302e+00
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.5575e+00	-1.7974e+00	-4.0367e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	4.9986e+00	-1.0297e+00	-3.5739e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	4.8908e+00	-2.8959e+00	-1.9345e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-5.1198e-01	-5.3644e+00	-2.3973e+00
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	2.2376e-01	3.5509e+00	-3.4151e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	4.9248e+00	2.4905e+00	-3.9813e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	4.3159e+00	4.3292e-01	-4.6982e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-3.1460e-01	7.8768e-01	-4.1320e+00
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	3.4904e+00	3.5822e+00	-1.9307e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	6.6908e+00	3.3137e+00	-3.7823e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	5.4410e+00	2.4688e+00	-4.5612e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	9.8837e-01	3.7379e+00	-2.7096e+00
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	5.9227e+00	2.8097e+00	-2.0063e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	8.8748e+00	2.6957e+00	-3.5774e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	7.4640e+00	2.7340e+00	-3.8731e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	4.1500e+00	3.2038e+00	-2.3020e+00
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	7.1507e+00	2.2778e+00	-2.3993e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.0484e+01	1.9189e+00	-3.3124e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	9.3921e+00	2.2670e+00	-3.5449e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	6.3920e+00	2.3670e+00	-2.6318e+00
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	6.9168e+00	2.3869e+00	-2.4606e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.1248e+01	1.3277e+00	-2.5354e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.0636e+01	1.8569e+00	-3.1594e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	7.3773e+00	2.0295e+00	-3.0846e+00
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	4.8763e+00	3.0469e+00	-1.5622e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.1085e+01	6.7914e-01	-6.5657e-01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.0974e+01	1.7029e+00	-2.1767e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	6.8224e+00	2.3360e+00	-3.0824e+00
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	1.1297e+00	2.8917e+00	1.0086e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.0631e+01	-1.0651e+00	2.5220e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.0487e+01	1.2785e+00	-2.5475e-01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	4.3407e+00	2.8031e+00	-1.7682e+00
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	9.6526e-01	-4.0111e+00	4.8470e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.1264e+01	-5.0185e+00	4.1568e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.0697e+01	-1.4144e+00	2.0176e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	1.3404e-01	1.8011e+00	2.7078e+00
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	7.7406e-01	-1.4342e+01	1.5245e-01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.4156e+01	-9.0905e+00	-1.1589e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.3706e+01	-7.7000e+00	2.4397e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-1.4335e+00	-9.5519e+00	3.7510e+00
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.3766e+01	-1.4472e+00	-4.2871e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-2.7914e+00	-2.8652e+00	-3.4143e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-2.3599e+00	-7.1479e+00	-2.1880e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-1.2429e+01	-1.0987e+01	-3.0607e+00
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	-3.7041e+00	4.8635e+00	2.3204e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-2.4733e+00	5.0321e+00	-1.7346e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-4.3448e+00	1.3618e-01	-5.0609e+00
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.0049e+01	6.8709e+00	-1.0059e+00
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	1.2778e+00	3.1839e+00	1.8539e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	2.0889e+00	3.7843e+00	-1.3146e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.7991e-01	3.3112e+00	-1.3718e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-2.8739e+00	4.0245e+00	1.7968e+00
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	3.8108e+00	1.7067e+00	-1.2095e-01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	5.0399e+00	2.5201e+00	-1.8530e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	3.2829e+00	2.8582e+00	-1.0887e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	2.0580e+00	2.1627e+00	6.4342e-01
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	4.7446e+00	1.0246e+00	-2.0492e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	6.2921e+00	1.8256e+00	-2.6752e+00

	1239	0.0000e+00	0.0000e+00	0.0000e+00	5.5648e+00	2.0878e+00	-1.8037e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	4.2034e+00	1.1685e+00	-1.1777e+00
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	4.0230e+00	1.2117e+00	-3.9556e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	5.8229e+00	1.8951e+00	-3.3661e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	6.2969e+00	1.8989e+00	-2.5804e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	4.7434e+00	1.0314e+00	-3.1699e+00
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	6.8059e-01	2.4742e+00	-5.7553e+00
	1236	0.0000e+00	0.0000e+00	0.0000e+00	3.0520e+00	2.4918e+00	-3.3380e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	5.1340e+00	2.6248e+00	-2.9499e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	3.4969e+00	1.8765e+00	-5.3673e+00
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	-8.5207e+00	5.0460e+00	-6.3577e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-1.7936e+00	2.0985e+00	-1.0209e+00
	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.1414e+00	4.0740e+00	-2.4069e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-6.4168e-01	3.8624e+00	-7.7436e+00
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	-2.0651e+01	8.8612e+00	6.1866e-01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-8.6488e+00	-5.4754e+00	7.3221e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-5.6230e+00	5.2543e+00	-2.5167e-02
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.0093e+01	5.4215e+00	-6.7286e+00
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	-2.8300e+01	-2.7304e+01	1.0470e-01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-2.8317e+00	-1.9088e+01	-8.5050e-01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-3.4147e+00	-1.2375e+01	4.0744e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-2.9653e+01	-1.3881e+01	5.0296e+00
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	-4.4545e+00	2.0375e+01	3.1742e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-3.0196e+01	7.1208e+00	2.9894e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-3.1903e+00	-1.8814e+01	-1.0197e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	-8.9722e+01	-6.0382e+00	1.8556e+01
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	1.0842e+00	3.4425e+00	9.3853e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-4.3777e+00	6.7605e+00	2.6018e+00
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.8451e+01	5.4784e+00	6.9781e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	1.4123e+00	1.5742e-01	1.3762e+01
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	3.5901e+00	6.9533e-01	4.2874e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	1.7500e+00	2.3484e+00	1.9851e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-1.8187e+00	3.8400e+00	4.8605e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	2.4935e+00	-1.8315e-01	7.1629e+00
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	4.4841e+00	-7.5938e-01	8.4203e-01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	4.1239e+00	8.6764e-01	-1.3747e-01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	2.4590e+00	1.8006e+00	1.9821e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	4.1643e+00	-7.5656e-01	2.9616e+00
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	5.0468e+00	-1.5160e+00	-1.9688e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	4.8895e+00	3.1915e-01	-2.3770e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	4.4127e+00	6.1796e-01	-4.8863e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	4.6965e+00	-1.2746e+00	-8.0440e-02
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	5.3491e+00	-1.9503e+00	-5.1431e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	4.2837e+00	6.5562e-01	-4.9618e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	4.9721e+00	2.5091e-01	-2.7617e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	5.0281e+00	-1.4861e+00	-2.9431e+00
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	5.1187e+00	-2.2369e+00	-9.6901e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	1.1509e+00	2.0542e+00	-8.3419e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	4.0268e+00	8.6934e-01	-5.1338e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	4.9746e+00	-1.1724e+00	-6.4820e+00
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	1.6815e+00	-3.0622e+00	-1.7431e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-7.2094e+00	4.6342e+00	-1.2863e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-1.0812e-01	2.9487e+00	-7.7048e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	3.8369e+00	4.6274e-01	-1.2273e+01
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	-8.4411e-01	-6.4710e+00	-3.1177e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-4.4072e+01	4.5182e+00	-1.6213e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.2749e+01	1.1014e+01	-7.2434e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.8446e+00	4.2967e+00	-2.2208e+01
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-2.1295e+02	-4.9077e+01	-4.9806e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	5.6858e+00	-4.7005e+01	1.0881e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-6.7194e+01	1.0997e+00	-9.8458e+00
	432	0.0000e+00	0.0000e+00	0.0000e+00	-1.7100e+01	4.4088e+01	-7.0533e+01
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	1.0031e+02	3.7031e+00	8.4701e+00



	1221	0.0000e+00	0.0000e+00	0.0000e+00	8.8006e+01	-1.7598e+01	4.5056e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	1.9570e+02	2.1829e+01	3.1886e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	6.6745e+01	2.6527e+01	-4.7003e+00
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	6.6806e+01	-3.0599e+00	4.9041e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	5.8537e+01	5.0644e+00	2.3039e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	7.5855e+01	5.3793e+00	2.7720e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	8.6235e+01	4.2634e+00	9.5850e+00
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	5.1628e+01	2.0023e+00	2.7276e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	4.4455e+01	9.0490e+00	1.1514e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	5.2744e+01	6.4383e+00	1.6965e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	6.1143e+01	2.7246e+00	8.1786e+00
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	4.5165e+01	4.0688e+00	-1.4901e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	3.7734e+01	9.2282e+00	2.4542e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	4.1551e+01	9.1563e+00	7.5542e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	4.9341e+01	4.2482e+00	3.6099e+00
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	4.4155e+01	4.0241e+00	-6.0651e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	3.5795e+01	7.0643e+00	-5.6270e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	3.6768e+01	1.1229e+01	-7.3304e-01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	4.4069e+01	4.6085e+00	-1.1711e+00
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	4.7991e+01	1.9415e+00	-1.0768e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	3.8070e+01	2.8999e+00	-1.3658e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	3.6474e+01	1.2038e+01	-8.6723e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	4.3731e+01	3.1550e+00	-5.7819e+00
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	5.7569e+01	-2.1198e+00	-1.5498e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	4.5262e+01	-3.1381e+00	-2.2420e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	4.0508e+01	1.1175e+01	-1.7048e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	4.8296e+01	-4.4778e-01	-1.0126e+01
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	7.5837e+01	-7.4597e+00	-1.9527e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	6.0251e+01	-1.0608e+01	-3.2705e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	5.0023e+01	7.9283e+00	-2.6919e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	5.9362e+01	-6.6411e+00	-1.3741e+01
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.1397e+02	-7.3816e+00	-1.7676e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	9.0924e+01	-1.6925e+01	-4.4176e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	6.8776e+01	2.7602e-01	-4.0196e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	8.2418e+01	-1.7123e+01	-1.3696e+01
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	9.2520e+01	3.3657e+01	1.4622e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	2.6289e+02	-2.2735e+00	-4.1161e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	1.0819e+02	-3.0544e+01	-6.8772e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.3418e+02	-1.1970e+01	-1.2989e+01
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	5.6691e+01	8.6404e+00	-3.2067e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	7.8464e+01	1.1339e+01	-1.5866e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	8.0579e+01	1.4766e+01	1.6610e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	5.7859e+01	1.1053e+01	4.0964e-02
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	5.5297e+01	2.2011e-01	-3.4491e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	6.3180e+01	1.1809e+00	2.9066e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	7.2531e+01	-8.1029e-01	-1.0574e-01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	5.8826e+01	6.0970e+00	-6.4615e+00
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	4.9196e+01	7.8442e-01	-3.3940e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	5.2474e+01	1.9699e+00	2.3163e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	6.0599e+01	8.5836e-01	2.0379e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	5.2643e+01	2.5932e+00	-3.6723e+00
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	4.5279e+01	1.7361e+00	-3.9446e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	4.6966e+01	3.4182e+00	-1.0712e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	5.0704e+01	2.8817e+00	1.6690e-02
	1199	0.0000e+00	0.0000e+00	0.0000e+00	4.7364e+01	2.4163e+00	-2.8567e+00
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	4.4894e+01	1.5474e+00	-4.8180e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	4.6090e+01	3.3519e+00	-4.8069e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	4.6287e+01	3.3316e+00	-3.3430e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	4.4720e+01	2.2463e+00	-3.3542e+00
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	4.8184e+01	-1.0723e-01	-5.4305e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	4.9803e+01	1.3892e+00	-8.3451e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	4.6494e+01	1.8828e+00	-7.0599e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	4.5587e+01	8.4227e-01	-4.1453e+00

1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	5.5451e+01	-2.8630e+00	-4.8573e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	5.8889e+01	-2.5621e+00	-1.1126e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	5.1369e+01	-1.5890e+00	-1.0703e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	5.0269e+01	-2.1240e+00	-4.4338e+00
1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	6.5933e+01	-4.6633e+00	-1.4641e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	7.5341e+01	-8.1324e+00	-1.1462e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	6.1746e+01	-6.8313e+00	-1.3523e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	5.9269e+01	-6.2306e+00	-3.5258e+00
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	7.6860e+01	9.6477e-01	6.6001e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	9.5177e+01	-1.1776e+01	-4.1154e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	7.9107e+01	-1.0782e+01	-1.1549e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	7.1217e+01	-8.8474e+00	-8.3366e-01
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	7.4849e+01	1.4360e+01	1.2547e+00
	1143	0.0000e+00	0.0000e+00	0.0000e+00	1.0488e+02	1.9322e+01	6.3044e-01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.0367e+02	2.8719e+00	1.7833e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	7.4794e+01	5.5585e+00	2.4075e+00
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	3.7493e+01	3.1230e+00	-4.4679e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	5.3545e+01	5.9590e+00	-3.9084e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	5.3763e+01	7.0154e+00	-1.6982e-01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	3.8409e+01	2.4714e+00	-7.2939e-01
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	3.7183e+01	2.5777e+00	-6.8900e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	5.0319e+01	1.4632e+00	-5.5993e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	5.1414e+01	3.7417e+00	-5.7565e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	3.8704e+01	2.9376e+00	-7.0472e+00
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	3.6226e+01	2.5710e+00	-6.0656e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	4.5641e+01	1.5149e+00	-4.0355e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	4.8737e+01	1.0267e+00	-5.7037e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	3.7244e+01	3.2637e+00	-7.7338e+00
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	3.5638e+01	2.6976e+00	-4.4528e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	4.2971e+01	1.8565e+00	-3.4703e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	4.4748e+01	1.3578e+00	-4.9051e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	3.5852e+01	3.3492e+00	-5.8876e+00
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	3.6216e+01	2.3547e+00	-2.8928e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	4.3124e+01	1.2215e+00	-3.3808e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	4.2764e+01	1.6092e+00	-4.5842e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	3.5587e+01	2.8517e+00	-4.0963e+00
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	3.8188e+01	1.4626e+00	-8.3652e-01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	4.6261e+01	-7.3213e-01	-2.8996e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	4.3518e+01	7.1771e-01	-4.5099e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	3.6750e+01	1.7016e+00	-2.4468e+00
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	4.1709e+01	1.0558e-01	2.5411e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	5.2491e+01	-3.7658e+00	-1.1820e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	4.7309e+01	-1.4757e+00	-3.8726e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	3.9347e+01	-3.5824e-02	-1.4941e-01
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	4.6255e+01	-1.0569e+00	6.9421e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	6.1006e+01	-6.0310e+00	2.1653e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	5.4370e+01	-4.4052e+00	-1.5787e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	4.3212e+01	-1.9885e+00	3.1981e+00
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	4.9790e+01	-3.7834e-01	8.2631e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	6.6282e+01	-1.3992e+00	5.5798e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	6.3738e+01	-5.5908e+00	3.4486e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	4.6897e+01	-2.4045e+00	6.1318e+00
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	4.8871e+01	3.1733e+00	3.8130e-01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	6.8477e+01	9.4666e+00	6.2038e-01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	6.9848e+01	3.1221e+00	4.9090e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	4.7984e+01	9.4960e-01	4.6699e+00
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.8488e+01	-2.7916e+00	-5.6866e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	3.4312e+01	1.3797e-01	-4.7782e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	3.4633e+01	-8.8544e-01	-7.0945e-01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	2.0008e+01	-5.9877e+00	-1.6179e+00
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.8381e+01	3.2582e+00	-7.9651e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	3.2654e+01	1.9453e+00	-7.2145e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	3.2604e+01	9.5837e-01	-7.2286e+00

	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.9952e+01	-3.2678e-01	-7.9791e+00
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	2.0441e+01	5.0767e+00	-5.6067e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	3.1523e+01	3.1270e+00	-5.9875e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	3.1759e+01	2.0587e+00	-8.2323e+00
	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.9434e+01	4.5404e+00	-7.8516e+00
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	2.2646e+01	4.7813e+00	-3.2241e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	3.1619e+01	3.1192e+00	-4.0720e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	3.1526e+01	2.6272e+00	-6.3336e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	2.1022e+01	5.4297e+00	-5.4857e+00
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	2.3906e+01	4.2492e+00	-1.4656e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	3.2611e+01	2.3198e+00	-2.2604e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	3.1885e+01	2.5919e+00	-4.2646e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	2.3021e+01	4.6188e+00	-3.4698e+00
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.4029e+01	4.1676e+00	7.0580e-01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	3.4210e+01	1.0593e+00	1.0783e-01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	3.2798e+01	2.0714e+00	-2.3671e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	2.4230e+01	3.8487e+00	-1.7692e+00
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.3271e+01	4.1502e+00	4.3134e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.6381e+01	-5.9626e-01	3.7996e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	3.4344e+01	1.1191e+00	1.8226e-01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.4267e+01	3.5134e+00	6.9606e-01
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	2.2939e+01	2.2670e+00	8.8663e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	3.8922e+01	-2.2238e+00	7.9762e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.6929e+01	-4.7497e-01	3.9650e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.3128e+01	2.9525e+00	4.8551e+00
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	2.4825e+01	-3.7889e+00	9.9711e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	4.1185e+01	-2.5731e+00	8.2875e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	4.0722e+01	-2.5002e+00	7.5074e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	2.1876e+01	2.5566e-01	9.1909e+00
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.4852e+01	-8.9156e+00	8.7145e-01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	4.3788e+01	-1.1965e+00	-1.8188e-02
	1183	0.0000e+00	0.0000e+00	0.0000e+00	4.4076e+01	-2.9399e+00	5.7164e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	2.2761e+01	-6.5410e+00	6.6060e+00
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	-4.5652e+00	-8.6483e+00	-7.9391e+00
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.5594e+01	-6.1735e+00	-6.0543e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.6100e+01	-9.7886e+00	-1.0205e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.2525e+00	-1.7251e+01	-2.9053e+00
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	-1.0256e+00	7.0393e+00	-6.2620e+00
	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.3061e+01	3.2887e+00	-6.4670e+00
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.2733e+01	-2.1057e+00	-8.9905e+00
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.1133e+00	-8.7476e-01	-8.7855e+00
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	6.5340e+00	7.4926e+00	-9.7492e-01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.5300e+01	6.0687e+00	-4.6353e+00
	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.3696e+01	3.4219e+00	-7.6827e+00
	1170	0.0000e+00	0.0000e+00	0.0000e+00	7.2052e-01	8.0137e+00	-4.0224e+00
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	1.1581e+01	5.8523e+00	-1.8086e-01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.8590e+01	5.2108e+00	-2.9457e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.6755e+01	4.7418e+00	-4.4481e+00
	1169	0.0000e+00	0.0000e+00	0.0000e+00	7.8139e+00	7.0661e+00	-1.6833e+00
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.3395e+01	4.8622e+00	-6.8454e-01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	2.0350e+01	4.1032e+00	-1.7069e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.9417e+01	4.3258e+00	-2.5617e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	1.2257e+01	5.2542e+00	-1.5394e+00
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.1811e+01	5.4899e+00	-9.2553e-01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.0101e+01	3.6633e+00	-8.6753e-03
	1177	0.0000e+00	0.0000e+00	0.0000e+00	2.0313e+01	4.1509e+00	-1.2451e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.3457e+01	4.7650e+00	-2.1620e+00
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	6.4814e+00	7.4850e+00	4.3339e-01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	1.7865e+01	3.3720e+00	3.3868e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.9147e+01	4.7111e+00	7.0364e-01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.1185e+01	5.8949e+00	-2.2498e+00
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	-2.1461e+00	8.0531e+00	4.8781e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.5123e+01	9.9875e-01	8.9680e+00

	1175	0.0000e+00	0.0000e+00	0.0000e+00	1.6251e+01	4.9173e+00	4.0474e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	5.0128e+00	7.5764e+00	-4.2560e-02
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	-3.4760e+00	-4.6545e+00	1.1857e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.4871e+01	-6.0516e+00	1.1372e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.4815e+01	6.2898e-01	7.7367e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-4.4026e+00	6.4081e+00	8.2216e+00
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	-3.6767e+00	-2.5338e+01	2.5739e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	1.9963e+01	-1.4242e+01	1.6026e-02
	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.9361e+01	-1.1322e+01	7.6007e+00
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-8.2582e+00	-1.5198e+01	1.0159e+01
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	-4.1838e+01	-1.0938e+01	-9.1578e+00
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-7.8362e+00	-1.2097e+01	-7.2573e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-6.2853e+00	-2.3306e+01	-2.0886e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-3.9538e+01	-3.4668e+01	-3.9892e+00
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	-1.3390e+01	1.1429e+01	8.6851e+00
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-8.9192e+00	1.1697e+01	-1.9422e+00
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.3789e+01	-2.8785e+00	-1.1935e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-3.0055e+01	1.7117e+01	-1.3081e+00
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	3.4922e-01	7.5570e+00	8.5526e+00
	1169	0.0000e+00	0.0000e+00	0.0000e+00	2.3870e+00	8.6839e+00	2.7406e-01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-2.8872e+00	6.8270e+00	-6.6489e-01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-1.1152e+01	9.8074e+00	7.6136e+00
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	6.7048e+00	3.8730e+00	3.8732e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	9.2531e+00	5.6537e+00	-1.7979e-01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	5.3890e+00	6.1823e+00	1.2939e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	2.3563e+00	5.0538e+00	5.3469e+00
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	8.5999e+00	2.3384e+00	-5.5628e-01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.1514e+01	4.1563e+00	-1.6201e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	1.0391e+01	4.5355e+00	2.4936e-01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	7.5676e+00	2.6631e+00	1.3131e+00
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	6.6483e+00	2.9737e+00	-4.7934e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	9.7420e+00	4.6383e+00	-3.0848e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.1370e+01	4.3213e+00	-1.3074e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	8.4820e+00	2.4772e+00	-3.0159e+00
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	-5.8348e-01	6.0250e+00	-8.7462e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	3.2406e+00	6.4879e+00	-3.3586e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	8.1498e+00	6.2334e+00	-2.2804e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	5.4243e+00	4.5680e+00	-7.6680e+00
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.9083e+01	1.1839e+01	-1.0331e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-7.2980e+00	6.6023e+00	6.7421e-01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	-7.4285e-01	9.8081e+00	-1.6318e+00
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-3.3382e+00	9.1239e+00	-1.2637e+01
1440	1153	0.0000e+00	0.0000e+00	0.0000e+00	-4.3508e+01	2.0308e+01	3.0121e+00
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-2.1367e+01	-7.3738e+00	1.6628e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-1.5065e+01	1.2993e+01	2.5326e+00
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-2.2220e+01	1.3137e+01	-1.1083e+01
1441	1088	0.0000e+00	0.0000e+00	0.0000e+00	-5.7548e+01	-4.9973e+01	3.6451e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-1.0059e+01	-3.4220e+01	1.3220e+00
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-1.1752e+01	-2.0542e+01	1.0157e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-6.0562e+01	-2.2230e+01	1.2480e+01
1442	323	0.0000e+00	0.0000e+00	0.0000e+00	-1.7934e+01	6.1728e+01	9.7425e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-9.2334e+01	1.1936e+01	1.2047e+01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	1.4296e+00	-5.9507e+01	-2.2936e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	-2.8470e+02	-4.0241e+01	6.2441e+01
1443	322	0.0000e+00	0.0000e+00	0.0000e+00	1.7606e-01	8.2641e+00	2.9594e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-1.5934e+01	1.8096e+01	9.3387e+00
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-5.8736e+01	1.2090e+01	2.2280e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	1.9346e+00	-3.6237e+00	4.2534e+01
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	7.5426e+00	1.3636e+00	1.5030e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	1.6443e+00	5.6536e+00	8.6222e+00
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-8.3957e+00	9.2595e+00	1.6610e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	4.5986e+00	-2.2193e+00	2.3018e+01
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	9.4149e+00	-1.9910e+00	5.7904e+00

	1158	0.0000e+00	0.0000e+00	0.0000e+00	7.7464e+00	1.9482e+00	3.5788e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	3.4677e+00	4.2233e+00	9.0581e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	9.2121e+00	-2.6538e+00	1.1270e+01
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	1.0057e+01	-3.2636e+00	-9.3852e-01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	9.1963e+00	7.9837e-01	-1.4672e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	8.2609e+00	1.4573e+00	2.9670e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	9.9211e+00	-3.2339e+00	3.4957e+00
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	1.0016e+01	-3.5671e+00	-7.7991e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	7.4481e+00	1.8365e+00	-6.9788e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	9.1665e+00	8.1620e-01	-2.2508e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	9.9597e+00	-3.1135e+00	-3.0710e+00
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	8.9707e+00	-3.3236e+00	-1.6983e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	7.0536e-01	5.2329e+00	-1.3894e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	6.7421e+00	2.4645e+00	-7.3875e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	9.1930e+00	-1.8241e+00	-1.0476e+01
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	1.9660e+00	-3.8296e+00	-3.2068e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.5964e+01	1.1169e+01	-2.2910e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-1.8891e+00	7.1874e+00	-1.2768e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	6.4476e+00	2.1665e+00	-2.1926e+01
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-2.9461e+00	-8.6232e+00	-5.8353e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-8.7024e+01	1.2423e+01	-2.9458e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-2.6707e+01	2.3630e+01	-1.2205e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-4.7126e+00	1.0617e+01	-4.1100e+01
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-4.0954e+02	-8.1744e+01	-9.1291e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	5.6878e+00	-8.6950e+01	2.6303e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-1.3229e+02	7.7259e+00	-1.6565e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-3.3272e+01	8.7142e+01	-1.3416e+02
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	1.3850e+02	7.9952e+00	8.3141e+00
	1152	0.0000e+00	0.0000e+00	0.0000e+00	1.2129e+02	-2.8225e+01	6.1109e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	2.7063e+02	2.7675e+01	4.0774e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	8.6418e+01	3.5610e+01	-1.2021e+01
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	9.1412e+01	-5.7800e+00	5.0215e+00
	1151	0.0000e+00	0.0000e+00	0.0000e+00	7.8561e+01	7.1036e+00	3.3647e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	1.0238e+02	3.2967e+00	3.7827e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	1.2032e+02	7.1047e+00	9.2011e+00
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	6.6653e+01	3.2450e+00	4.3013e+00
	1150	0.0000e+00	0.0000e+00	0.0000e+00	5.6517e+01	1.4720e+01	2.0101e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	6.9657e+01	5.3661e+00	2.6142e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	8.2618e+01	3.7254e+00	1.0342e+01
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	5.3393e+01	8.1726e+00	4.7702e-01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	4.3204e+01	1.6636e+01	9.8786e+00
	1150	0.0000e+00	0.0000e+00	0.0000e+00	5.1135e+01	1.0875e+01	1.5398e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	6.2781e+01	7.3527e+00	5.9969e+00
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	4.6095e+01	1.0308e+01	-3.7961e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	3.4822e+01	1.4970e+01	1.6586e+00
	1149	0.0000e+00	0.0000e+00	0.0000e+00	3.9983e+01	1.6111e+01	6.5571e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	5.0982e+01	1.0137e+01	1.1024e+00
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	4.2853e+01	9.8299e+00	-7.8689e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.9729e+01	1.0085e+01	-5.3888e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	3.3108e+01	2.0157e+01	-9.8056e-01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	4.4042e+01	1.0840e+01	-3.4607e+00
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	4.3202e+01	6.6589e+00	-1.1445e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.7396e+01	1.8828e+00	-1.1767e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.9309e+01	2.2541e+01	-7.7284e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	4.0695e+01	8.9944e+00	-7.4059e+00
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	4.7773e+01	8.0897e-01	-1.4114e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	2.8380e+01	-9.7802e+00	-1.7860e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.8372e+01	2.2730e+01	-1.4177e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	4.0880e+01	4.1427e+00	-1.0431e+01
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	6.1839e+01	-4.9259e+00	-1.3516e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	3.3651e+01	-2.4253e+01	-2.3284e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	3.1105e+01	1.9811e+01	-2.0870e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	4.6391e+01	-4.7586e+00	-1.1101e+01

1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	4.1417e+01	-4.4677e+00	-6.2398e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	9.3738e+01	-3.4836e+01	-2.4029e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	4.0822e+01	5.4021e+00	-3.1799e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	6.1564e+01	-8.0942e+00	-1.4010e+01
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	7.2708e+01	1.3293e+01	-8.6270e+00
	1142	0.0000e+00	0.0000e+00	0.0000e+00	1.0367e+02	2.0113e+01	-6.5114e+00
	1143	0.0000e+00	0.0000e+00	0.0000e+00	1.0591e+02	1.9450e+01	-2.1339e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	7.4365e+01	1.6766e+01	-4.2496e+00
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	7.2091e+01	2.4647e+00	-7.9593e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	8.4008e+01	3.2505e+00	5.9856e-01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	9.5753e+01	-1.6511e+00	-4.3014e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	7.6110e+01	9.7747e+00	-1.2859e+01
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	6.3390e+01	3.1707e+00	-7.2748e+00
	1140	0.0000e+00	0.0000e+00	0.0000e+00	6.7629e+01	4.4746e+00	2.3798e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	8.0083e+01	8.5805e-01	9.5505e-01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	6.8721e+01	5.2558e+00	-8.6996e+00
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	5.5323e+01	5.7512e+00	-7.5255e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	5.6577e+01	7.9689e+00	-6.2573e-01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	6.4391e+01	5.5962e+00	1.9897e-01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	6.0220e+01	6.0231e+00	-6.7008e+00
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	5.0312e+01	7.3543e+00	-8.5680e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	4.9870e+01	1.0002e+01	-4.4922e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	5.4359e+01	8.6360e+00	-2.8210e+00
	1128	0.0000e+00	0.0000e+00	0.0000e+00	5.3331e+01	7.6549e+00	-6.8968e+00
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	4.8150e+01	7.0883e+00	-9.9418e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	4.6745e+01	9.8306e+00	-8.2954e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	4.8533e+01	9.3887e+00	-6.4453e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	4.9395e+01	8.1137e+00	-8.0918e+00
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	4.8550e+01	4.8497e+00	-1.0898e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	4.6819e+01	7.1050e+00	-1.1469e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	4.6120e+01	7.6453e+00	-1.0000e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	4.8197e+01	6.7114e+00	-9.4289e+00
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	5.0555e+01	1.0683e+00	-1.0458e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	5.0732e+01	1.6886e+00	-1.3138e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	4.6823e+01	3.2189e+00	-1.2923e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	4.9527e+01	3.3721e+00	-1.0243e+01
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	5.6597e+01	-2.2068e+00	-7.5590e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	5.3983e+01	-5.3136e+00	-1.1395e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	5.1115e+01	-2.3929e+00	-1.3162e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	5.2399e+01	-1.6632e+00	-9.3258e+00
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	3.1812e+01	-7.0114e+00	-9.3422e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	8.3345e+01	-2.3164e+00	-1.0757e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	5.7155e+01	-9.9693e+00	-1.2985e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	5.5396e+01	-4.3574e-01	-1.1570e+01
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	4.7814e+01	5.3291e+00	-9.5088e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	6.9061e+01	9.6776e+00	-9.1598e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	6.8649e+01	1.1276e+01	-3.8899e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	4.8870e+01	4.1812e+00	-4.2388e+00
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	4.7421e+01	5.1641e+00	-1.3280e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	6.5321e+01	4.3977e+00	-1.1554e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	6.6718e+01	6.6045e+00	-1.1177e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	4.9205e+01	5.0195e+00	-1.2903e+01
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	4.5797e+01	5.7733e+00	-1.2882e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	5.8290e+01	4.9140e+00	-9.3338e+00
	1130	0.0000e+00	0.0000e+00	0.0000e+00	6.3050e+01	2.8711e+00	-1.1230e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	4.7573e+01	6.1289e+00	-1.4778e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	4.3736e+01	6.8960e+00	-1.1360e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	5.2400e+01	6.6517e+00	-8.3609e+00
	1129	0.0000e+00	0.0000e+00	0.0000e+00	5.6571e+01	4.2341e+00	-9.9498e+00
	1118	0.0000e+00	0.0000e+00	0.0000e+00	4.5089e+01	7.4401e+00	-1.2949e+01
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	4.2350e+01	7.4567e+00	-1.0358e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	4.8770e+01	7.5836e+00	-8.5971e+00
	1128	0.0000e+00	0.0000e+00	0.0000e+00	5.1325e+01	6.3178e+00	-9.3917e+00

	1117	0.0000e+00	0.0000e+00	0.0000e+00	4.3039e+01	8.1701e+00	-1.1152e+01
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	4.1808e+01	7.0242e+00	-9.8750e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	4.7315e+01	6.9133e+00	-9.3113e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	4.8181e+01	7.2061e+00	-9.6982e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	4.1980e+01	7.9353e+00	-1.0262e+01
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	4.2034e+01	5.4522e+00	-9.2341e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	4.7652e+01	4.4377e+00	-9.6841e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	4.7075e+01	6.4031e+00	-1.0269e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	4.1782e+01	6.6595e+00	-9.8194e+00
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	4.2145e+01	2.6121e+00	-8.0243e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	4.9722e+01	5.6537e-01	-9.1021e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	4.7721e+01	3.8032e+00	-1.0321e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	4.2161e+01	4.4035e+00	-9.2433e+00
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	4.5636e+01	-1.1578e+00	-6.6007e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	4.7901e+01	-3.5646e+00	-7.4059e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	4.9840e+01	6.6746e-01	-8.5509e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	4.2213e+01	7.4683e-01	-7.7456e+00
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	1.6239e+01	-9.9430e+00	-1.0395e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	7.5350e+01	-4.4849e+00	-9.7013e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	4.9896e+01	-7.1854e+00	-1.0862e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	4.2970e+01	7.9265e-01	-1.1555e+01
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	2.3002e+01	-3.6605e+00	-1.1040e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	4.3748e+01	1.2259e+00	-9.9059e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	4.3595e+01	-3.6135e-01	-4.0093e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.5243e+01	-8.2791e+00	-5.1431e+00
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	2.2532e+01	4.6699e+00	-1.5167e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	4.1706e+01	3.9433e+00	-1.3945e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	4.1997e+01	2.1887e+00	-1.2898e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	2.4493e+01	-8.1076e-01	-1.4120e+01
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	2.4722e+01	8.3916e+00	-1.3191e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	3.9623e+01	6.6080e+00	-1.3209e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	4.0421e+01	4.2049e+00	-1.5343e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	2.3890e+01	7.0562e+00	-1.5325e+01
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	2.7539e+01	9.0233e+00	-1.0708e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	3.8596e+01	7.9029e+00	-1.1397e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	3.9321e+01	5.9798e+00	-1.3718e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	2.5546e+01	9.9012e+00	-1.3030e+01
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	2.9544e+01	8.4349e+00	-9.5898e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	3.8422e+01	7.9152e+00	-1.0269e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	3.8741e+01	7.0425e+00	-1.1715e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	2.7973e+01	9.6621e+00	-1.1035e+01
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	3.0423e+01	7.5506e+00	-9.3558e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	3.8577e+01	6.9469e+00	-9.7322e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	3.8542e+01	7.1990e+00	-1.0621e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	2.9765e+01	8.5255e+00	-1.0245e+01
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	3.0298e+01	6.3109e+00	-9.1002e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	3.8708e+01	5.0248e+00	-9.1158e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	3.8514e+01	6.4428e+00	-1.0059e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	3.0464e+01	7.2041e+00	-1.0043e+01
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.8907e+01	3.7679e+00	-8.4199e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	3.9161e+01	2.0634e+00	-8.1451e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	3.8540e+01	4.5043e+00	-9.4073e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	3.0034e+01	5.5404e+00	-9.6821e+00
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	3.1583e+01	-1.1868e+00	-7.5519e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	3.5125e+01	-2.5983e+00	-7.2569e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	3.8816e+01	1.8362e+00	-7.9258e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.8435e+01	1.8772e+00	-8.2208e+00
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	-1.8455e+00	-1.2651e+01	-1.1849e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	6.5343e+01	-6.5270e+00	-1.0888e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	3.6724e+01	-8.3568e+00	-1.2056e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	2.8544e+01	3.0456e-01	-1.3018e+01
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	-7.7863e+00	-1.2861e+01	-1.4426e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.9129e+01	-8.4208e+00	-1.1646e+01

	1110	0.0000e+00	0.0000e+00	0.0000e+00	1.9582e+01	-1.3518e+01	-4.1912e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-3.1177e+00	-2.5266e+01	-6.9713e+00
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	-4.6979e+00	8.1243e+00	-1.3768e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.5798e+01	4.1063e+00	-1.3339e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.5894e+01	-3.4790e+00	-1.5408e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-4.0028e+00	-3.0058e+00	-1.5837e+01
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	5.1943e+00	1.1413e+01	-6.7817e+00
	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.7672e+01	9.8789e+00	-1.1595e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.6037e+01	5.1898e+00	-1.5419e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-2.0384e+00	1.1959e+01	-1.0605e+01
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.3153e+01	1.0104e+01	-5.3222e+00
	1106	0.0000e+00	0.0000e+00	0.0000e+00	2.2088e+01	1.0077e+01	-9.9114e+00
	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.9516e+01	8.4438e+00	-1.1729e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	7.2714e+00	1.2362e+01	-7.1394e+00
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.7998e+01	7.9983e+00	-6.5090e+00
	1105	0.0000e+00	0.0000e+00	0.0000e+00	2.5474e+01	8.6456e+00	-9.4175e+00
	1106	0.0000e+00	0.0000e+00	0.0000e+00	2.3611e+01	8.4748e+00	-9.7075e+00
	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.4503e+01	9.7518e+00	-6.7990e+00
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.9885e+01	6.5960e+00	-8.5875e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	2.7038e+01	7.1633e+00	-9.6792e+00
	1105	0.0000e+00	0.0000e+00	0.0000e+00	2.6219e+01	7.6564e+00	-9.3690e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.8693e+01	7.5502e+00	-8.2773e+00
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.9216e+01	5.8761e+00	-1.0376e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	2.6749e+01	5.5912e+00	-9.8232e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	2.7001e+01	6.8064e+00	-9.7149e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.9981e+01	6.2864e+00	-1.0268e+01
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.5741e+01	4.5701e+00	-1.1013e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.5743e+01	2.9787e+00	-9.2243e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	2.6085e+01	5.4728e+00	-9.9666e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.8693e+01	5.4933e+00	-1.1755e+01
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.6959e+01	-5.5519e-01	-9.7021e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.9816e+01	-2.8910e+00	-8.2001e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.4650e+01	3.0011e+00	-9.1151e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.4892e+01	2.6521e+00	-1.0617e+01
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	-2.1430e+01	-1.6406e+01	-1.4073e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	5.3446e+01	-8.9189e+00	-1.2759e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	2.1514e+01	-1.0033e+01	-1.3825e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.2922e+01	-2.3011e-01	-1.5139e+01
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	-6.0686e+01	-2.8324e+01	-1.6978e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.0267e+01	-1.8218e+01	-1.5286e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-1.1158e+01	-3.4005e+01	-6.1811e+00
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-5.6678e+01	-4.3670e+01	-7.8728e+00
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	-2.5169e+01	1.5808e+01	5.5941e+00
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.5874e+01	1.4380e+01	-7.0836e+00
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.9906e+01	-5.7478e+00	-2.1335e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-4.4490e+01	2.3770e+01	-8.6571e+00
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	-4.4632e+00	1.2635e+01	9.1606e+00
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.6021e+00	1.4155e+01	-3.9226e+00
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-8.5940e+00	9.7717e+00	-6.4989e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-2.1572e+01	1.6886e+01	6.5843e+00
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	6.6541e+00	7.6251e+00	3.5352e+00
	1095	0.0000e+00	0.0000e+00	0.0000e+00	9.7518e+00	1.0480e+01	-4.2247e+00
	1096	0.0000e+00	0.0000e+00	0.0000e+00	3.1619e+00	1.0699e+01	-2.5713e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-1.0507e+00	9.9636e+00	5.1887e+00
1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.2337e+01	4.2250e+00	-2.3900e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.5909e+01	7.2537e+00	-6.4067e+00
	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.2251e+01	8.3240e+00	-3.7165e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	8.5959e+00	5.5112e+00	3.0019e-01
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.4450e+01	2.5026e+00	-7.9721e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.8223e+01	5.4932e+00	-9.3194e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.6929e+01	6.2539e+00	-6.5182e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.3263e+01	3.1618e+00	-5.1708e+00
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	1.3667e+01	2.2392e+00	-1.2985e+01



	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.7237e+01	4.6905e+00	-1.2006e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.8124e+01	5.3264e+00	-9.5393e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.4584e+01	2.4215e+00	-1.0518e+01
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	8.4467e+00	2.8932e+00	-1.6819e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.4048e+01	3.4809e+00	-1.3297e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.5982e+01	5.1281e+00	-1.2055e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	1.2999e+01	3.0176e+00	-1.5576e+01
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	5.0698e+00	3.0088e+00	-1.6052e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	3.8520e+00	-2.6018e+00	-1.0832e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.1095e+01	5.0805e+00	-1.2460e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	7.4426e+00	3.0042e+00	-1.7680e+01
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	-4.3381e+01	-2.1445e+01	-1.8499e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	4.1138e+01	-1.2775e+01	-1.5184e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	5.0507e+00	-1.0881e+01	-1.7090e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.1881e+00	1.9295e+00	-2.0405e+01
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	-3.3289e+01	1.0128e+02	1.3698e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-1.4504e+02	5.0951e+00	1.4442e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	4.8710e+00	-7.9602e+01	-3.2739e+01
	13	0.0000e+00	0.0000e+00	0.0000e+00	-4.0893e+02	-7.3340e+01	8.9803e+01
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	-6.6679e+00	1.5315e+01	4.2807e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-3.3241e+01	3.1459e+01	9.5899e+00
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-1.0057e+02	1.1699e+01	2.5784e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	-5.2671e-01	-7.3207e+00	5.9001e+01
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	7.2844e+00	5.7338e+00	2.3100e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-3.4031e+00	1.1036e+01	1.0519e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-1.9249e+01	1.5442e+01	2.1685e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	-4.4919e-02	-3.5030e+00	3.4266e+01
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	1.1736e+01	-4.8240e-01	9.1574e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	8.6613e+00	4.9010e+00	4.0956e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	6.8390e-01	8.8290e+00	1.1973e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	1.0389e+01	-2.8923e+00	1.7035e+01
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	1.3821e+01	-3.2092e+00	-2.1721e-02
	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.3674e+01	1.7164e+00	-2.3657e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	1.0207e+01	4.1046e+00	3.5260e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	1.2970e+01	-3.7632e+00	5.8699e+00
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	1.5074e+01	-4.5935e+00	-7.5658e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.5484e+01	5.4255e-01	-8.5804e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.4266e+01	1.3687e+00	-3.5469e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	1.4423e+01	-4.4252e+00	-2.5323e+00
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	1.5966e+01	-5.1059e+00	-1.4797e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	1.4669e+01	8.1603e-01	-1.4678e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.5508e+01	3.5896e-01	-9.7393e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	1.5346e+01	-4.4431e+00	-9.8585e+00
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	1.4810e+01	-5.1805e+00	-2.2689e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	1.1162e+01	2.1793e+00	-2.0649e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	1.3902e+01	7.9978e-01	-1.5440e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	1.5829e+01	-3.1498e+00	-1.7481e+01
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	1.9977e+01	-4.6658e+00	-3.0239e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-9.0719e+00	9.7117e-01	-2.4059e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	7.7723e+00	4.9847e+00	-1.8621e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	1.4516e+01	-1.1877e+00	-2.4800e+01
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-7.5013e+01	-1.7566e+01	-3.6441e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	3.6748e+01	-1.8115e+01	-1.6868e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.6523e+01	-4.2586e+00	-2.7283e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	1.4316e+01	1.7808e+01	-4.6856e+01
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	-1.2753e+02	-4.6441e+00	-6.3798e+00
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-5.2178e+01	6.8321e+01	-9.3472e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	-3.2505e+02	-7.1007e+01	-6.0766e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.4460e+01	-6.9341e+01	2.6326e+01
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	-4.8950e+01	2.2913e+01	-2.3855e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-2.9191e+01	1.0483e+01	-2.6885e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-2.6820e+01	-8.7942e+00	-3.7947e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-9.6275e+01	2.8913e+00	-1.3448e+01

1524 1069 0.0000e+00 0.0000e+00 0.0000e+00 -2.9013e+01 1.2107e+01 -3.2298e+00  
1075 0.0000e+00 0.0000e+00 0.0000e+00 -1.8265e+01 6.5577e+00 -1.1626e+01  
1076 0.0000e+00 0.0000e+00 0.0000e+00 -2.3976e+01 -1.1093e+00 -2.0094e+01  
1070 0.0000e+00 0.0000e+00 0.0000e+00 -3.8708e+01 1.1802e+01 -1.1698e+01

1525 1068 0.0000e+00 0.0000e+00 0.0000e+00 -2.5144e+01 1.0232e+01 1.9257e+00  
1074 0.0000e+00 0.0000e+00 0.0000e+00 -1.6168e+01 3.0012e+00 9.2171e-01  
1075 0.0000e+00 0.0000e+00 0.0000e+00 -1.6424e+01 2.5015e+00 -6.3098e+00  
1069 0.0000e+00 0.0000e+00 0.0000e+00 -2.6731e+01 1.1036e+01 -5.3058e+00

1526 1067 0.0000e+00 0.0000e+00 0.0000e+00 -3.2148e+01 8.9958e+00 7.5136e+00  
1073 0.0000e+00 0.0000e+00 0.0000e+00 -2.1297e+01 -9.2779e-01 1.2948e+01  
1074 0.0000e+00 0.0000e+00 0.0000e+00 -1.7114e+01 4.8809e+00 5.6673e+00  
1068 0.0000e+00 0.0000e+00 0.0000e+00 -2.6360e+01 1.0830e+01 2.3271e-01

1527 1066 0.0000e+00 0.0000e+00 0.0000e+00 -7.3008e+01 -2.3295e-02 9.3625e+00  
1072 0.0000e+00 0.0000e+00 0.0000e+00 -2.3998e+01 -8.7451e+00 2.6997e+01  
1073 0.0000e+00 0.0000e+00 0.0000e+00 -2.5084e+01 7.0264e+00 1.8435e+01  
1067 0.0000e+00 0.0000e+00 0.0000e+00 -3.9567e+01 1.6969e+01 8.0084e-01

1528 548 0.0000e+00 0.0000e+00 0.0000e+00 -8.1882e+00 -5.1854e+01 -1.3102e+01  
19 0.0000e+00 0.0000e+00 0.0000e+00 -2.4305e+02 -6.8967e+01 4.8456e+01  
1072 0.0000e+00 0.0000e+00 0.0000e+00 -4.3989e+01 4.9262e+01 6.7027e+01  
1066 0.0000e+00 0.0000e+00 0.0000e+00 -9.4293e+01 -8.3345e+00 5.4683e+00

1529 1065 0.0000e+00 0.0000e+00 0.0000e+00 -2.7462e+01 -1.9594e+01 1.3205e+01  
1071 0.0000e+00 0.0000e+00 0.0000e+00 -6.5478e+01 -2.8178e+01 1.6273e+01  
655 0.0000e+00 0.0000e+00 0.0000e+00 -6.0537e+01 -4.1859e+01 8.0444e+00  
644 0.0000e+00 0.0000e+00 0.0000e+00 -2.6773e+01 -3.2504e+01 4.9761e+00

1530 1064 0.0000e+00 0.0000e+00 0.0000e+00 -3.5296e+01 8.5908e+00 6.7281e+00  
1070 0.0000e+00 0.0000e+00 0.0000e+00 -4.2218e+01 1.0104e+01 2.0463e-01  
1071 0.0000e+00 0.0000e+00 0.0000e+00 -5.3651e+01 1.2820e+01 1.0859e+01  
1065 0.0000e+00 0.0000e+00 0.0000e+00 -3.5833e+01 -8.8944e+00 1.7383e+01

1531 1063 0.0000e+00 0.0000e+00 0.0000e+00 -2.9098e+01 1.2314e+01 2.8863e+00  
1069 0.0000e+00 0.0000e+00 0.0000e+00 -3.0089e+01 1.2208e+01 -3.7315e+00  
1070 0.0000e+00 0.0000e+00 0.0000e+00 -4.0089e+01 1.3362e+01 -8.0388e-01  
1064 0.0000e+00 0.0000e+00 0.0000e+00 -3.1241e+01 6.8732e+00 5.8140e+00

1532 1062 0.0000e+00 0.0000e+00 0.0000e+00 -2.5704e+01 1.1227e+01 4.4502e-01  
1068 0.0000e+00 0.0000e+00 0.0000e+00 -2.7078e+01 1.1503e+01 -1.1605e+00  
1069 0.0000e+00 0.0000e+00 0.0000e+00 -2.8638e+01 1.1939e+01 -7.3475e-01  
1063 0.0000e+00 0.0000e+00 0.0000e+00 -2.7089e+01 1.1286e+01 8.7081e-01

1533 1061 0.0000e+00 0.0000e+00 0.0000e+00 -2.5952e+01 6.3515e+00 -3.2479e+00  
1067 0.0000e+00 0.0000e+00 0.0000e+00 -3.3124e+01 1.0841e+01 -2.5935e-01  
1068 0.0000e+00 0.0000e+00 0.0000e+00 -2.7404e+01 1.0763e+01 1.6377e+00  
1062 0.0000e+00 0.0000e+00 0.0000e+00 -2.6188e+01 1.1117e+01 -1.3509e+00

1534 1060 0.0000e+00 0.0000e+00 0.0000e+00 -2.7556e+01 -6.4154e+00 -1.0808e+01  
1066 0.0000e+00 0.0000e+00 0.0000e+00 -4.0537e+01 8.2750e+00 -7.6832e+00  
1067 0.0000e+00 0.0000e+00 0.0000e+00 -3.4259e+01 7.2732e+00 -7.4924e-01  
1061 0.0000e+00 0.0000e+00 0.0000e+00 -2.8101e+01 6.8476e+00 -3.8738e+00

1535 537 0.0000e+00 0.0000e+00 0.0000e+00 -1.9898e+01 -2.3392e+01 -5.9568e-01  
548 0.0000e+00 0.0000e+00 0.0000e+00 -4.6028e+01 -3.0380e+01 -2.7549e+00  
1066 0.0000e+00 0.0000e+00 0.0000e+00 -4.9072e+01 -2.3392e+01 -9.9904e+00  
1060 0.0000e+00 0.0000e+00 0.0000e+00 -2.0815e+01 -1.4607e+01 -7.8312e+00

1536 1059 0.0000e+00 0.0000e+00 0.0000e+00 -8.5724e+00 -1.2355e+01 7.7438e+00  
1065 0.0000e+00 0.0000e+00 0.0000e+00 -2.6435e+01 -1.5432e+01 1.1322e+01  
644 0.0000e+00 0.0000e+00 0.0000e+00 -2.1287e+01 -2.5738e+01 5.6888e+00  
633 0.0000e+00 0.0000e+00 0.0000e+00 -7.1540e+00 -1.6533e+01 2.1101e+00

1537 1058 0.0000e+00 0.0000e+00 0.0000e+00 -1.3814e+01 -3.8647e-01 7.6652e+00  
1064 0.0000e+00 0.0000e+00 0.0000e+00 -2.7360e+01 3.6823e+00 1.0523e+01  
1065 0.0000e+00 0.0000e+00 0.0000e+00 -2.4172e+01 -7.1035e+00 1.2606e+01  
1059 0.0000e+00 0.0000e+00 0.0000e+00 -1.1759e+01 -7.5768e+00 9.7487e+00

1538 1057 0.0000e+00 0.0000e+00 0.0000e+00 -1.5370e+01 6.4897e+00 4.4855e+00  
1063 0.0000e+00 0.0000e+00 0.0000e+00 -2.3803e+01 9.7295e+00 3.6305e+00  
1064 0.0000e+00 0.0000e+00 0.0000e+00 -2.6126e+01 7.8004e+00 7.7840e+00  
1058 0.0000e+00 0.0000e+00 0.0000e+00 -1.4615e+01 1.9857e+00 8.6390e+00

1539 1056 0.0000e+00 0.0000e+00 0.0000e+00 -1.4421e+01 7.0829e+00 4.5764e-01  
1062 0.0000e+00 0.0000e+00 0.0000e+00 -2.1878e+01 1.0597e+01 -5.3468e-01  
1063 0.0000e+00 0.0000e+00 0.0000e+00 -2.3121e+01 1.1051e+01 3.0597e+00

	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.4999e+01	6.7297e+00	4.0520e+00
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.2493e+01	2.9056e+00	-3.3507e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-2.1842e+01	6.9952e+00	-4.1868e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-2.1851e+01	9.4251e+00	-8.6906e-01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.4019e+01	6.2820e+00	-3.2898e-02
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	-9.2470e+00	-4.7903e+00	-4.1022e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-1.8886e+01	-4.9803e+00	-7.1804e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-2.2365e+01	3.7125e+00	-5.8466e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.1416e+01	6.1495e-01	-2.7685e+00
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	-5.3364e+00	-1.1478e+01	1.4629e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	-1.6487e+01	-1.8186e+01	-1.3601e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-2.0261e+01	-1.1086e+01	-5.6100e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-6.7418e+00	-8.5286e+00	-2.7871e+00
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	4.5463e+00	-6.8015e+00	4.4406e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-6.6449e+00	-9.2096e+00	6.3137e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	-3.8506e+00	-1.3274e+01	2.8860e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	5.1890e+00	-8.2100e+00	1.0128e+00
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	1.6660e+00	-1.8765e+00	5.7232e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-9.4274e+00	-2.1832e-01	8.2547e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-6.1606e+00	-6.4453e+00	8.2330e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	3.0442e+00	-4.7397e+00	5.7015e+00
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	-3.4993e-01	2.1249e+00	4.0761e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.0132e+01	5.2392e+00	5.1666e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-8.9931e+00	2.2196e+00	7.6498e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	5.1249e-01	-7.9493e-02	6.5593e+00
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	-6.1591e-01	3.0267e+00	1.2192e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-9.3993e+00	6.1965e+00	9.3970e-01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-9.8727e+00	6.2989e+00	4.0576e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-6.5544e-01	2.6717e+00	4.3371e+00
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	6.4148e-01	9.0460e-01	-9.6580e-01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-7.6294e+00	2.7812e+00	-2.3625e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-9.3441e+00	5.5915e+00	-1.6407e-02
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-2.0650e-01	2.3538e+00	1.3802e+00
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	2.8374e+00	-2.9080e+00	-7.1097e-01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-4.7773e+00	-4.0680e+00	-2.9822e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-7.7554e+00	9.8412e-01	-2.7201e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	1.6480e+00	-7.4730e-01	-4.4882e-01
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	4.5448e+00	-5.8118e+00	2.2780e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	-2.8488e+00	-9.1680e+00	7.9583e-01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-4.9869e+00	-6.0980e+00	-1.4048e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	3.9633e+00	-4.6568e+00	7.7391e-02
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.5432e+01	-3.0050e+00	2.8012e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	6.6208e+00	-4.6339e+00	3.5646e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	7.9906e+00	-6.2135e+00	1.3803e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	1.5463e+01	-3.0805e+00	6.1682e-01
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.4187e+01	-1.6478e+00	4.1654e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	4.8677e+00	-8.5267e-01	5.4905e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	6.7993e+00	-3.8216e+00	5.1347e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.4687e+01	-2.2508e+00	3.8096e+00
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.2907e+01	-1.7043e-01	3.3688e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	3.8046e+00	2.0180e+00	4.3212e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	5.0550e+00	7.8666e-02	5.7388e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.3405e+01	-8.2323e-01	4.7864e+00
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.2246e+01	3.8201e-01	1.5527e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	3.8233e+00	2.5666e+00	1.7357e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	3.8747e+00	2.5336e+00	3.8354e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.2530e+01	1.4096e-01	3.6523e+00
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.2343e+01	-2.4140e-01	2.4538e-01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	4.7809e+00	7.1076e-01	-2.9899e-01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	3.7629e+00	2.4535e+00	1.2441e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.2362e+01	4.1643e-02	1.7885e+00
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.2899e+01	-1.5955e+00	5.3708e-01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	6.1258e+00	-2.4579e+00	-3.3420e-01

	1049	0.0000e+00	0.0000e+00	0.0000e+00	4.6313e+00	1.3805e-01	-1.8155e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.2795e+01	-1.0572e+00	6.8973e-01
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	1.3170e+01	-2.7463e+00	2.3357e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	6.8955e+00	-4.5706e+00	1.9114e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	5.9892e+00	-3.0342e+00	7.7902e-01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.3298e+01	-2.3901e+00	1.2033e+00
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	2.6026e+01	-1.8482e-01	2.4712e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.7640e+01	-1.3314e+00	2.4208e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	1.8140e+01	-1.5916e+00	8.0581e-01
	600	0.0000e+00	0.0000e+00	0.0000e+00	2.5434e+01	7.8244e-01	8.5620e-01
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.5898e+01	-1.3139e+00	3.5963e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.7103e+01	-6.1458e-01	3.8831e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.7923e+01	-1.4469e+00	3.6853e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	2.5605e+01	-3.1633e-01	3.3985e+00
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	2.5179e+01	-1.7132e+00	2.7513e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.6539e+01	6.7482e-02	3.2772e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.7316e+01	-5.6409e-01	4.4478e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.5367e+01	-1.3355e+00	3.9220e+00
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	2.4184e+01	-1.4963e+00	1.0789e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.6144e+01	2.2287e-01	1.6184e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.6514e+01	2.4285e-01	3.3053e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	2.4803e+01	-1.7156e+00	2.7659e+00
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	2.3201e+01	-1.0065e+00	-7.7053e-02
	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.5955e+01	-3.0711e-01	3.5237e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.5889e+01	4.0701e-01	1.5718e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	2.4055e+01	-1.5518e+00	1.1423e+00
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	2.2337e+01	-6.0742e-01	1.3144e-01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.5796e+01	-1.2319e+00	4.9806e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.5571e+01	-1.7430e-01	6.5771e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	2.3234e+01	-1.1468e+00	2.9109e-01
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	2.1534e+01	-7.0545e-01	1.5936e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.5436e+01	-1.9195e+00	2.0219e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.5449e+01	-1.1543e+00	1.2991e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	2.2307e+01	-7.9270e-01	8.7079e-01
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	3.7655e+01	2.1826e+00	3.2668e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	2.8393e+01	1.3349e+00	2.4598e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	2.8278e+01	2.1752e+00	9.6041e-01
	589	0.0000e+00	0.0000e+00	0.0000e+00	3.6289e+01	4.5960e+00	1.7675e+00
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	3.8109e+01	-1.6976e+00	3.7617e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.8955e+01	-4.9981e-01	3.2967e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	2.8995e+01	4.2576e-01	3.6075e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	3.7215e+01	9.4604e-01	4.0724e+00
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	3.7220e+01	-3.5715e+00	1.9265e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	2.8813e+01	-1.6115e+00	2.3567e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.9256e+01	-1.0601e+00	3.9705e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	3.7566e+01	-2.6184e+00	3.5404e+00
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	3.5624e+01	-3.4387e+00	-2.9745e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	2.7953e+01	-1.6561e+00	6.9973e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	2.8643e+01	-1.5730e+00	2.5662e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	3.6763e+01	-3.8593e+00	1.5690e+00
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	3.3781e+01	-1.8578e+00	-1.7241e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	2.6665e+01	-1.0100e+00	-4.5884e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	2.7440e+01	-1.1898e+00	8.2180e-01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	3.5328e+01	-3.1338e+00	-4.4342e-01
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	3.1795e+01	3.7755e-01	-1.6340e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	2.5167e+01	-2.1288e-01	-2.2671e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	2.5945e+01	-3.2502e-01	-7.6214e-02
	1031	0.0000e+00	0.0000e+00	0.0000e+00	3.3599e+01	-1.2435e+00	-1.4836e+00
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	3.0230e+01	1.3317e+00	1.4662e-01
	493	0.0000e+00	0.0000e+00	0.0000e+00	2.3748e+01	7.6577e-02	1.2750e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	2.4480e+01	3.5465e-01	4.4852e-01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	3.1568e+01	9.0126e-01	-6.7989e-01
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	5.1926e+01	4.1594e+00	5.0538e+00

	1035	0.0000e+00	0.0000e+00	0.0000e+00	4.0171e+01	3.7327e+00	3.4523e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	3.9553e+01	6.2486e+00	1.8378e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	4.9605e+01	9.3415e+00	3.4394e+00
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	5.1159e+01	-3.8536e+00	3.4665e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	4.1693e+01	-1.5503e+00	3.0722e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	4.1381e+01	1.6636e+00	4.7270e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	5.0748e+01	3.5948e-01	5.1213e+00
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	4.8056e+01	-6.0251e+00	-2.8086e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	4.1150e+01	-4.0941e+00	1.2106e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	4.1732e+01	-2.3438e+00	3.6806e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	5.0211e+01	-5.7973e+00	2.1891e+00
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	4.5530e+01	-5.4787e+00	-2.5064e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	3.9345e+01	-3.7769e+00	-8.5422e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	4.0541e+01	-3.8216e+00	1.1232e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	4.7366e+01	-6.4306e+00	-5.2899e-01
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	4.3938e+01	-3.1945e+00	-3.8509e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	3.7207e+01	-1.7585e+00	-2.3872e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	3.8658e+01	-3.0682e+00	-9.5832e-01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	4.5173e+01	-4.7472e+00	-2.4220e+00
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	4.1735e+01	1.3215e+00	-4.2871e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	3.4789e+01	9.5077e-01	-2.3089e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	3.6311e+01	-6.5400e-01	-1.9958e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	4.3843e+01	-1.7074e+00	-3.9740e+00
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	4.0111e+01	4.5163e+00	-1.7330e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	3.2276e+01	2.4284e+00	-9.4291e-02
	1030	0.0000e+00	0.0000e+00	0.0000e+00	3.3600e+01	2.1967e+00	-1.5487e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	4.1794e+01	3.2794e+00	-3.1874e+00
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	7.2992e+01	5.9938e+00	5.8023e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	5.4479e+01	5.3291e+00	4.8491e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	5.4068e+01	1.2044e+01	3.8649e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	7.1654e+01	1.3525e+01	4.8181e+00
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	6.0832e+01	-7.9249e+00	-3.1493e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	5.6059e+01	-6.2696e+00	1.2897e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	5.6965e+01	1.3366e+00	6.7513e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	6.8070e+01	-8.9144e+00	2.3123e+00
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	5.2777e+01	-8.0411e+00	-5.7906e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	5.1662e+01	-7.4493e+00	-1.1788e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	5.3762e+01	-5.2765e+00	8.2837e-01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	5.9139e+01	-9.0603e+00	-3.7834e+00
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	4.9588e+01	-6.2293e+00	-4.6728e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	4.8226e+01	-5.7447e+00	-2.5289e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	4.9990e+01	-6.3964e+00	-2.2059e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	5.1758e+01	-6.6159e+00	-4.3498e+00
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	5.0875e+01	-4.8381e+00	-3.7578e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	4.6630e+01	-2.6677e+00	-3.9294e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	4.7742e+01	-5.2484e+00	-3.3172e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	4.9449e+01	-4.4126e+00	-3.1456e+00
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	5.3245e+01	-2.8778e+00	-5.3128e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	4.5761e+01	2.3754e+00	-5.8352e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	4.6641e+01	-2.4309e+00	-3.9868e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	5.1407e+01	-1.2072e+00	-3.4644e+00
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	5.5563e+01	7.2232e+00	-2.9337e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	4.1987e+01	6.6005e+00	-2.1284e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	4.3071e+01	4.8715e+00	-4.5074e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	5.5956e+01	9.4350e+00	-5.3127e+00
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	7.5381e+01	-2.5011e+01	-4.0019e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	9.6303e+01	-4.8973e+00	-4.1463e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	6.1652e+01	2.2891e+01	1.4509e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.7585e+02	2.3367e+00	-2.1364e+01
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	5.1847e+01	-3.6908e+00	-2.1684e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	6.4722e+01	-1.4346e+01	-4.6849e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	8.3728e+01	-4.7312e+00	-6.8104e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	6.4032e+01	-1.0753e+01	-2.3809e+01

1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	4.2696e+01	1.1512e+00	-1.2364e+01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	5.1423e+01	-8.4614e+00	-5.1666e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	5.9911e+01	-8.4010e+00	-9.3366e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	4.7415e+01	-8.9229e+00	-1.6534e+01
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	4.0289e+01	3.4619e+00	-4.5623e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	4.7708e+01	-5.2407e+00	-2.6355e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	5.0646e+01	-6.5487e+00	-6.9312e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	4.0886e+01	-5.8865e+00	-8.8580e+00
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	4.3596e+01	4.9490e+00	2.9863e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	5.0766e+01	-2.9694e+00	2.8046e-01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	4.8974e+01	-5.1742e+00	-3.9543e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	4.0423e+01	-3.8607e+00	-1.2485e+00
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	5.5202e+01	7.8162e+00	1.0588e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	6.3498e+01	1.9534e+00	8.6473e-01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	5.4925e+01	-5.6674e+00	-2.3904e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	4.5933e+01	-4.4339e+00	7.3332e+00
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	1.3140e+02	2.3355e+01	1.5070e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	4.2612e+01	1.5227e+01	-6.3268e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	7.1982e+01	4.4383e+00	7.1270e-01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	6.2767e+01	-1.9036e+01	2.2110e+01
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	9.4293e+01	8.3344e+00	5.4684e+00
	1011	0.0000e+00	0.0000e+00	0.0000e+00	4.3988e+01	-4.9261e+01	6.7027e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	2.4304e+02	6.8966e+01	4.8456e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	8.1880e+00	5.1854e+01	-1.3102e+01
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.9566e+01	-1.6969e+01	8.0098e-01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	2.5084e+01	-7.0263e+00	1.8435e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	2.3998e+01	8.7451e+00	2.6997e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	7.3008e+01	2.3254e-02	9.3627e+00
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.6360e+01	-1.0829e+01	2.3278e-01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	1.7114e+01	-4.8807e+00	5.6673e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	2.1297e+01	9.2788e-01	1.2948e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.2148e+01	-8.9957e+00	7.5137e+00
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.6731e+01	-1.1036e+01	-5.3059e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	1.6424e+01	-2.5012e+00	-6.3100e+00
	1009	0.0000e+00	0.0000e+00	0.0000e+00	1.6168e+01	-3.0010e+00	9.2163e-01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.5144e+01	-1.0231e+01	1.9258e+00
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.8708e+01	-1.1802e+01	-1.1698e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	2.3976e+01	1.1098e+00	-2.0094e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	1.8265e+01	-6.5574e+00	-1.1626e+01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.9013e+01	-1.2107e+01	-3.2298e+00
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	9.6275e+01	-2.8910e+00	-1.3448e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	2.6821e+01	8.7947e+00	-3.7948e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	2.9191e+01	-1.0483e+01	-2.6886e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	4.8950e+01	-2.2913e+01	-2.3857e+00
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	1.4461e+01	6.9341e+01	2.6325e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	3.2505e+02	7.1007e+01	-6.0767e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	5.2178e+01	-6.8320e+01	-9.3473e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	1.2753e+02	4.6444e+00	-6.3802e+00
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	2.0816e+01	1.4607e+01	-7.8308e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	4.9072e+01	2.3392e+01	-9.9901e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	4.6028e+01	3.0380e+01	-2.7546e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.9898e+01	2.3392e+01	-5.9535e-01
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	2.8101e+01	-6.8476e+00	-3.8735e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.4259e+01	-7.2731e+00	-7.4903e-01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	4.0537e+01	-8.2750e+00	-7.6829e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	2.7556e+01	6.4154e+00	-1.0807e+01
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	2.6189e+01	-1.1117e+01	-1.3506e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.7405e+01	-1.0763e+01	1.6378e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.3124e+01	-1.0841e+01	-2.5915e-01
	998	0.0000e+00	0.0000e+00	0.0000e+00	2.5953e+01	-6.3515e+00	-3.2476e+00
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	2.7090e+01	-1.1286e+01	8.7102e-01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.8639e+01	-1.1939e+01	-7.3470e-01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.7078e+01	-1.1503e+01	-1.1604e+00

	997	0.0000e+00	0.0000e+00	0.0000e+00	2.5705e+01	-1.1227e+01	4.4532e-01
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	3.1242e+01	-6.8731e+00	5.8141e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	4.0090e+01	-1.3361e+01	-8.0396e-01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	3.0090e+01	-1.2208e+01	-3.7315e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	2.9099e+01	-1.2314e+01	2.8865e+00
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	3.5834e+01	8.8946e+00	1.7383e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	5.3652e+01	-1.2820e+01	1.0859e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	4.2219e+01	-1.0103e+01	2.0450e-01
	995	0.0000e+00	0.0000e+00	0.0000e+00	3.5297e+01	-8.5906e+00	6.7282e+00
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	2.6774e+01	3.2505e+01	4.9759e+00
	314	0.0000e+00	0.0000e+00	0.0000e+00	6.0538e+01	4.1860e+01	8.0440e+00
	1000	0.0000e+00	0.0000e+00	0.0000e+00	6.5479e+01	2.8178e+01	1.6273e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	2.7463e+01	1.9595e+01	1.3204e+01
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	6.7423e+00	8.5285e+00	-2.7866e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	2.0261e+01	1.1086e+01	-5.6096e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.6487e+01	1.8186e+01	-1.3597e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	5.3368e+00	1.1478e+01	1.4634e+00
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	1.1416e+01	-6.1498e-01	-2.7679e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	2.2366e+01	-3.7125e+00	-5.8462e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	1.8886e+01	4.9802e+00	-7.1800e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	9.2476e+00	4.7902e+00	-4.1016e+00
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	1.4020e+01	-6.2820e+00	-3.2349e-02
	997	0.0000e+00	0.0000e+00	0.0000e+00	2.1851e+01	-9.4251e+00	-8.6869e-01
	998	0.0000e+00	0.0000e+00	0.0000e+00	2.1843e+01	-6.9952e+00	-4.1864e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	1.2493e+01	-2.9056e+00	-3.3501e+00
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	1.5000e+01	-6.7297e+00	4.0525e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	2.3122e+01	-1.1051e+01	3.0600e+00
	997	0.0000e+00	0.0000e+00	0.0000e+00	2.1879e+01	-1.0597e+01	-5.3431e-01
	991	0.0000e+00	0.0000e+00	0.0000e+00	1.4422e+01	-7.0829e+00	4.5821e-01
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	1.4617e+01	-1.9856e+00	8.6394e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	2.6127e+01	-7.8002e+00	7.7842e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	2.3804e+01	-9.7295e+00	3.6308e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	1.5371e+01	-6.4897e+00	4.4860e+00
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	1.1761e+01	7.5769e+00	9.7490e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	2.4174e+01	7.1036e+00	1.2606e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	2.7361e+01	-3.6822e+00	1.0523e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	1.3816e+01	3.8648e-01	7.6656e+00
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	7.1562e+00	1.6533e+01	2.1104e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	2.1288e+01	2.5738e+01	5.6888e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	2.6436e+01	1.5432e+01	1.1322e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	8.5744e+00	1.2356e+01	7.7441e+00
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	-3.9625e+00	4.6569e+00	7.8142e-02
	993	0.0000e+00	0.0000e+00	0.0000e+00	4.9875e+00	6.0980e+00	-1.4042e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	2.8492e+00	9.1680e+00	7.9638e-01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-4.5441e+00	5.8118e+00	2.2787e+00
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.6469e+00	7.4732e-01	-4.4800e-01
	992	0.0000e+00	0.0000e+00	0.0000e+00	7.7562e+00	-9.8410e-01	-2.7195e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	4.7779e+00	4.0679e+00	-2.9816e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	-2.8364e+00	2.9080e+00	-7.1016e-01
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	2.0795e-01	-2.3538e+00	1.3811e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	9.3452e+00	-5.5915e+00	-1.5758e-02
	992	0.0000e+00	0.0000e+00	0.0000e+00	7.6303e+00	-2.7812e+00	-2.3618e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-6.4024e-01	-9.0459e-01	-9.6492e-01
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	6.5723e-01	-2.6718e+00	4.3380e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	9.8741e+00	-6.2989e+00	4.0582e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	9.4005e+00	-6.1965e+00	9.4036e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	6.1746e-01	-3.0267e+00	1.2201e+00
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	-5.1034e-01	7.9414e-02	6.5601e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	8.9948e+00	-2.2196e+00	7.6503e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	1.0133e+01	-5.2392e+00	5.1672e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	3.5182e-01	-2.1249e+00	4.0770e+00
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	-3.0417e+00	4.7397e+00	5.7022e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	6.1627e+00	6.4453e+00	8.2334e+00

	989	0.0000e+00	0.0000e+00	0.0000e+00	9.4292e+00	2.1833e-01	8.2552e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.6638e+00	1.8764e+00	5.7240e+00
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	-5.1862e+00	8.2101e+00	1.0134e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	3.8529e+00	1.3274e+01	2.8864e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	6.6470e+00	9.2097e+00	6.3142e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	-4.5437e+00	6.8015e+00	4.4412e+00
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.3297e+01	2.3902e+00	1.2044e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	-5.9882e+00	3.0343e+00	7.7987e-01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-6.8947e+00	4.5707e+00	1.9121e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.3169e+01	2.7465e+00	2.3366e+00
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.2794e+01	1.0573e+00	6.9089e-01
	986	0.0000e+00	0.0000e+00	0.0000e+00	-4.6300e+00	-1.3797e-01	-1.8062e-01
	987	0.0000e+00	0.0000e+00	0.0000e+00	-6.1247e+00	2.4580e+00	-3.3332e-01
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.2898e+01	1.5956e+00	5.3819e-01
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.2360e+01	-4.1602e-02	1.7898e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	-3.7613e+00	-2.4535e+00	1.2451e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-4.7795e+00	-7.1073e-01	-2.9803e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.2341e+01	2.4148e-01	2.4660e-01
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.2528e+01	-1.4103e-01	3.6536e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	-3.8727e+00	-2.5336e+00	3.8364e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	-3.8216e+00	-2.5666e+00	1.7367e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.2244e+01	-3.8201e-01	1.5540e+00
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.3402e+01	8.2306e-01	4.7876e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	-5.0526e+00	-7.8728e-02	5.7397e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	-3.8025e+00	-2.0180e+00	4.3222e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.2905e+01	1.7031e-01	3.3701e+00
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.4684e+01	2.2506e+00	3.8107e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	-6.7966e+00	3.8215e+00	5.1355e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	-4.8653e+00	8.5256e-01	5.4914e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.4184e+01	1.6476e+00	4.1666e+00
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.5460e+01	3.0804e+00	6.1773e-01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-7.9876e+00	6.2136e+00	1.3809e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	-6.6180e+00	4.6338e+00	3.5654e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.5429e+01	3.0048e+00	2.8022e+00
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.2305e+01	7.9303e-01	8.7217e-01
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.5448e+01	1.1545e+00	1.3003e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.5435e+01	1.9197e+00	2.0230e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.1533e+01	7.0576e-01	1.5948e+00
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.3232e+01	1.1471e+00	2.9264e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.5569e+01	1.7448e-01	6.5900e-01
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.5794e+01	1.2321e+00	4.9925e-01
	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.2335e+01	6.0772e-01	1.3289e-01
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.4053e+01	1.5520e+00	1.1440e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.5887e+01	-4.0691e-01	1.5732e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.5953e+01	3.0724e-01	3.5370e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.3200e+01	1.0068e+00	-7.5429e-02
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.4801e+01	1.7155e+00	2.7676e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.6512e+01	-2.4288e-01	3.3068e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.6142e+01	-2.2285e-01	1.6198e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.4182e+01	1.4964e+00	1.0806e+00
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.5364e+01	1.3352e+00	3.9237e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.7313e+01	5.6393e-01	4.4492e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.6537e+01	-6.7601e-02	3.2786e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.5176e+01	1.7131e+00	2.7531e+00
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.5601e+01	3.1588e-01	3.4000e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.7920e+01	1.4466e+00	3.6865e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.7100e+01	6.1434e-01	3.8845e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.5895e+01	1.3136e+00	3.5980e+00
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.5430e+01	-7.8284e-01	8.5743e-01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.8136e+01	1.5914e+00	8.0679e-01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.7637e+01	1.3312e+00	2.4220e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.6022e+01	1.8433e-01	2.4726e+00
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	-3.1567e+01	-9.0071e-01	-6.7818e-01



	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.4479e+01	-3.5426e-01	4.5002e-01
	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.3747e+01	-7.6199e-02	1.2764e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	-3.0229e+01	-1.3312e+00	1.4819e-01
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	-3.3597e+01	1.2440e+00	-1.4816e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.5944e+01	3.2536e-01	-7.4529e-02
	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.5165e+01	2.1325e-01	-2.2516e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-3.1794e+01	-3.7704e-01	-1.6323e+00
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.5325e+01	3.1342e+00	-4.4128e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.7438e+01	1.1900e+00	8.2364e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.6663e+01	1.0103e+00	-4.5712e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-3.3779e+01	1.8582e+00	-1.7220e+00
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	-3.6761e+01	3.8594e+00	1.5713e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.8640e+01	1.5730e+00	2.5681e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.7950e+01	1.6562e+00	7.0159e-01
	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.5622e+01	3.4389e+00	-2.9524e-01
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	-3.7563e+01	2.6180e+00	3.5427e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.9252e+01	1.0598e+00	3.9724e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.8810e+01	1.6114e+00	2.3586e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-3.7217e+01	3.5713e+00	1.9288e+00
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.7212e+01	-9.4683e-01	4.0745e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.8991e+01	-4.2628e-01	3.6091e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.8951e+01	4.9939e-01	3.2986e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-3.8106e+01	1.6970e+00	3.7639e+00
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	-3.6285e+01	-4.5969e+00	1.7690e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.8274e+01	-2.1757e+00	9.6169e-01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.8389e+01	-1.3354e+00	2.4614e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.7651e+01	-2.1835e+00	3.2687e+00
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	-4.1792e+01	-3.2785e+00	-3.1854e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	-3.3599e+01	-2.1961e+00	-1.5468e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	-3.2275e+01	-2.4278e+00	-9.2639e-02
	344	0.0000e+00	0.0000e+00	0.0000e+00	-4.0109e+01	-4.5156e+00	-1.7312e+00
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	-4.3842e+01	1.7082e+00	-3.9718e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	-3.6309e+01	6.5454e-01	-1.9937e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	-3.4788e+01	-9.5017e-01	-2.3070e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	-4.1734e+01	-1.3207e+00	-4.2851e+00
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	-4.5171e+01	4.7478e+00	-2.4196e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.8656e+01	3.0685e+00	-9.5604e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-3.7205e+01	1.7590e+00	-2.3851e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-4.3936e+01	3.1952e+00	-3.8486e+00
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	-4.7364e+01	6.4308e+00	-5.2630e-01
	966	0.0000e+00	0.0000e+00	0.0000e+00	-4.0539e+01	3.8216e+00	1.1256e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.9343e+01	3.7772e+00	-8.5193e-01
	961	0.0000e+00	0.0000e+00	0.0000e+00	-4.5528e+01	5.4791e+00	-2.5039e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	-5.0208e+01	5.7969e+00	2.1919e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-4.1729e+01	2.3433e+00	3.6831e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-4.1148e+01	4.0940e+00	1.2131e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	-4.8054e+01	6.0250e+00	-2.7813e-01
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	-5.0745e+01	-3.6073e-01	5.1238e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-4.1378e+01	-1.6645e+00	4.7292e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-4.1690e+01	1.5496e+00	3.0746e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	-5.1157e+01	3.8529e+00	3.4692e+00
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	-4.9602e+01	-9.3432e+00	3.4412e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	-3.9550e+01	-6.2498e+00	1.8394e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-4.0167e+01	-3.7338e+00	3.4543e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	-5.1923e+01	-4.1609e+00	5.0561e+00
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	-5.5955e+01	-9.4339e+00	-5.3106e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	-4.3070e+01	-4.8706e+00	-4.5053e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	-4.1986e+01	-6.5997e+00	-2.1265e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	-5.5562e+01	-7.2222e+00	-2.9318e+00
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	-5.1406e+01	1.2083e+00	-3.4621e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-4.6640e+01	2.4317e+00	-3.9845e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	-4.5760e+01	-2.3746e+00	-5.8331e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	-5.3244e+01	2.8788e+00	-5.3107e+00

1650 952 0.0000e+00 0.0000e+00 0.0000e+00 -4.9448e+01 4.4135e+00 -3.1430e+00  
961 0.0000e+00 0.0000e+00 0.0000e+00 -4.7741e+01 5.2490e+00 -3.3146e+00  
962 0.0000e+00 0.0000e+00 0.0000e+00 -4.6629e+01 2.6685e+00 -3.9270e+00  
954 0.0000e+00 0.0000e+00 0.0000e+00 -5.0874e+01 4.8390e+00 -3.7554e+00

1651 950 0.0000e+00 0.0000e+00 0.0000e+00 -5.1757e+01 6.6165e+00 -4.3470e+00  
960 0.0000e+00 0.0000e+00 0.0000e+00 -4.9988e+01 6.3965e+00 -2.2031e+00  
961 0.0000e+00 0.0000e+00 0.0000e+00 -4.8225e+01 5.7453e+00 -2.5263e+00  
952 0.0000e+00 0.0000e+00 0.0000e+00 -4.9587e+01 6.2298e+00 -4.6702e+00

1652 948 0.0000e+00 0.0000e+00 0.0000e+00 -5.9139e+01 9.0602e+00 -3.7804e+00  
959 0.0000e+00 0.0000e+00 0.0000e+00 -5.3760e+01 5.2759e+00 8.3130e-01  
960 0.0000e+00 0.0000e+00 0.0000e+00 -5.1661e+01 7.4493e+00 -1.1761e+00  
950 0.0000e+00 0.0000e+00 0.0000e+00 -5.2776e+01 8.0411e+00 -5.7878e+00

1653 946 0.0000e+00 0.0000e+00 0.0000e+00 -6.8070e+01 8.9133e+00 2.3152e+00  
958 0.0000e+00 0.0000e+00 0.0000e+00 -5.6963e+01 -1.3381e+00 6.7541e+00  
959 0.0000e+00 0.0000e+00 0.0000e+00 -5.6057e+01 6.2689e+00 1.2925e+00  
948 0.0000e+00 0.0000e+00 0.0000e+00 -6.0831e+01 7.9238e+00 -3.1464e+00

1654 234 0.0000e+00 0.0000e+00 0.0000e+00 -7.1654e+01 -1.3528e+01 4.8201e+00  
244 0.0000e+00 0.0000e+00 0.0000e+00 -5.4066e+01 -1.2046e+01 3.8667e+00  
958 0.0000e+00 0.0000e+00 0.0000e+00 -5.4477e+01 -5.3310e+00 4.8516e+00  
946 0.0000e+00 0.0000e+00 0.0000e+00 -7.2992e+01 -5.9964e+00 5.8050e+00

1655 957 0.0000e+00 0.0000e+00 0.0000e+00 -6.2768e+01 1.9037e+01 2.2112e+01  
956 0.0000e+00 0.0000e+00 0.0000e+00 -7.1982e+01 -4.4372e+00 7.1477e-01  
324 0.0000e+00 0.0000e+00 0.0000e+00 -4.2611e+01 -1.5226e+01 -6.3249e+00  
4 0.0000e+00 0.0000e+00 0.0000e+00 -1.3140e+02 -2.3354e+01 1.5072e+01

1656 955 0.0000e+00 0.0000e+00 0.0000e+00 -4.5934e+01 4.4347e+00 7.3353e+00  
954 0.0000e+00 0.0000e+00 0.0000e+00 -5.4924e+01 5.6684e+00 -2.3882e+00  
956 0.0000e+00 0.0000e+00 0.0000e+00 -6.3497e+01 -1.9522e+00 8.6682e-01  
957 0.0000e+00 0.0000e+00 0.0000e+00 -5.5203e+01 -7.8145e+00 1.0590e+01

1657 953 0.0000e+00 0.0000e+00 0.0000e+00 -4.0424e+01 3.8608e+00 -1.2463e+00  
952 0.0000e+00 0.0000e+00 0.0000e+00 -4.8974e+01 5.1750e+00 -3.9520e+00  
954 0.0000e+00 0.0000e+00 0.0000e+00 -5.0766e+01 2.9705e+00 2.8272e-01  
955 0.0000e+00 0.0000e+00 0.0000e+00 -4.3596e+01 -4.9471e+00 2.9884e+00

1658 951 0.0000e+00 0.0000e+00 0.0000e+00 -4.0888e+01 5.8856e+00 -8.8559e+00  
950 0.0000e+00 0.0000e+00 0.0000e+00 -5.0646e+01 6.5490e+00 -6.9288e+00  
952 0.0000e+00 0.0000e+00 0.0000e+00 -4.7708e+01 5.2414e+00 -2.6331e+00  
953 0.0000e+00 0.0000e+00 0.0000e+00 -4.0290e+01 -3.4598e+00 -4.5602e+00

1659 949 0.0000e+00 0.0000e+00 0.0000e+00 -4.7418e+01 8.9203e+00 -1.6532e+01  
948 0.0000e+00 0.0000e+00 0.0000e+00 -5.9911e+01 8.4005e+00 -9.3342e+00  
950 0.0000e+00 0.0000e+00 0.0000e+00 -5.1423e+01 8.4616e+00 -5.1642e+00  
951 0.0000e+00 0.0000e+00 0.0000e+00 -4.2698e+01 -1.1490e+00 -1.2362e+01

1660 947 0.0000e+00 0.0000e+00 0.0000e+00 -6.4036e+01 1.0748e+01 -2.3808e+01  
946 0.0000e+00 0.0000e+00 0.0000e+00 -8.3729e+01 4.7293e+00 -6.8080e+00  
948 0.0000e+00 0.0000e+00 0.0000e+00 -6.4723e+01 1.4345e+01 -4.6825e+00  
949 0.0000e+00 0.0000e+00 0.0000e+00 -5.1850e+01 3.6930e+00 -2.1682e+01

1661 3 0.0000e+00 0.0000e+00 0.0000e+00 -1.7586e+02 -2.3449e+00 -2.1362e+01  
234 0.0000e+00 0.0000e+00 0.0000e+00 -6.1650e+01 -2.2895e+01 1.4511e+01  
946 0.0000e+00 0.0000e+00 0.0000e+00 -9.6304e+01 4.8946e+00 -4.1446e+00  
947 0.0000e+00 0.0000e+00 0.0000e+00 -7.5385e+01 2.5014e+01 -4.0018e+01

1662 938 0.0000e+00 0.0000e+00 0.0000e+00 -3.8204e+01 3.4243e+00 -1.8240e+00  
945 0.0000e+00 0.0000e+00 0.0000e+00 -1.3667e+01 1.9562e+01 -3.0772e+01  
18 0.0000e+00 0.0000e+00 0.0000e+00 -1.0150e+02 -1.3900e+01 -1.7773e+01  
538 0.0000e+00 0.0000e+00 0.0000e+00 -8.4642e+00 -2.3671e+01 1.1175e+01

1663 937 0.0000e+00 0.0000e+00 0.0000e+00 -1.2062e+01 6.3505e+00 -1.8467e+00  
944 0.0000e+00 0.0000e+00 0.0000e+00 -6.5577e+00 3.4211e+00 -9.2132e+00  
945 0.0000e+00 0.0000e+00 0.0000e+00 -6.8391e+00 -1.3718e+00 -1.2900e+01  
938 0.0000e+00 0.0000e+00 0.0000e+00 -2.6564e+01 3.0463e+00 -5.5331e+00

1664 936 0.0000e+00 0.0000e+00 0.0000e+00 -5.6252e+00 2.8218e+00 -2.4146e+00  
943 0.0000e+00 0.0000e+00 0.0000e+00 -3.3524e+00 1.8385e+00 -4.9509e+00  
944 0.0000e+00 0.0000e+00 0.0000e+00 -4.7796e+00 1.4497e-01 -7.1019e+00  
937 0.0000e+00 0.0000e+00 0.0000e+00 -9.2881e+00 3.4489e+00 -4.5656e+00

1665 935 0.0000e+00 0.0000e+00 0.0000e+00 -3.0959e+00 1.6938e+00 -1.5609e+00  
942 0.0000e+00 0.0000e+00 0.0000e+00 -2.2686e+00 9.7124e-01 -2.6043e+00  
943 0.0000e+00 0.0000e+00 0.0000e+00 -2.5961e+00 5.5485e-01 -3.8760e+00

	936	0.0000e+00	0.0000e+00	0.0000e+00	-4.8626e+00	2.3668e+00	-2.8325e+00
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	-1.9818e+00	8.2812e-01	-8.7061e-01
	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.7844e+00	3.9789e-01	-1.3730e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	-1.9418e+00	4.4704e-01	-2.1041e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	-2.8327e+00	1.4740e+00	-1.6017e+00
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	-1.4339e+00	-1.0826e-01	-4.3975e-01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.6554e+00	-2.9768e-01	-6.7272e-01
	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.6443e+00	8.7742e-02	-1.0613e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	-1.9126e+00	6.7286e-01	-8.2835e-01
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	-1.1178e+00	-1.6068e+00	-2.1292e-01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-1.8477e+00	-1.6253e+00	-2.9920e-01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.6755e+00	-5.6739e-01	-4.6637e-01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-1.4632e+00	-2.5279e-01	-3.8009e-01
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	2.0612e+00	-1.1943e+00	3.5450e+00
	17	0.0000e+00	0.0000e+00	0.0000e+00	-2.2328e+00	-1.0299e+01	2.1947e+00
	939	0.0000e+00	0.0000e+00	0.0000e+00	-2.6182e+00	-3.4506e-01	-7.8712e-01
	932	0.0000e+00	0.0000e+00	0.0000e+00	-2.6328e-01	-3.5060e+00	5.6314e-01
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	-8.8908e+00	-6.1721e+00	4.3921e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	-2.0722e+01	-5.2164e+00	5.7610e+00
	538	0.0000e+00	0.0000e+00	0.0000e+00	-1.8666e+01	-1.5058e+01	4.0207e+00
	527	0.0000e+00	0.0000e+00	0.0000e+00	-8.1991e+00	-1.0634e+01	2.6518e+00
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	-9.8786e+00	3.1966e+00	2.0599e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	-1.0970e+01	3.6240e+00	-1.3982e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	-1.6687e+01	4.7435e+00	2.5026e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.1102e+01	-2.6039e+00	5.9607e+00
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	-6.1272e+00	3.0708e+00	6.5327e-01
	936	0.0000e+00	0.0000e+00	0.0000e+00	-6.0692e+00	3.1023e+00	-2.2170e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	-1.0103e+01	3.4785e+00	-1.3854e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	-7.8535e+00	1.8527e+00	1.4848e+00
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	-3.5141e+00	2.2546e+00	1.8614e-01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-3.5192e+00	2.0637e+00	-1.4479e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	-5.2864e+00	2.3942e+00	-1.4901e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	-5.0262e+00	2.2875e+00	1.4391e-01
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	-1.9790e+00	1.2932e+00	1.3575e-01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-2.1540e+00	1.1291e+00	-8.0872e-01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-3.0643e+00	1.5108e+00	-9.9895e-01
	928	0.0000e+00	0.0000e+00	0.0000e+00	-2.9641e+00	1.7259e+00	-5.4486e-02
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	-9.3887e-01	3.1433e-01	2.8609e-01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-1.3062e+00	1.6651e-01	-3.7241e-01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-1.8914e+00	6.6223e-01	-5.5957e-01
	927	0.0000e+00	0.0000e+00	0.0000e+00	-1.6751e+00	8.8747e-01	9.8923e-02
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	-1.6632e-01	-4.7477e-01	8.8458e-01
	932	0.0000e+00	0.0000e+00	0.0000e+00	-9.1217e-02	-1.1000e+00	1.3189e-01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-1.1610e+00	-4.2778e-01	-3.3194e-01
	926	0.0000e+00	0.0000e+00	0.0000e+00	-6.0712e-01	-1.2856e-01	4.2074e-01
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	2.4707e-01	-3.9811e-01	1.7360e+00
	861	0.0000e+00	0.0000e+00	0.0000e+00	-3.3058e-01	-4.0382e-01	1.8197e+00
	932	0.0000e+00	0.0000e+00	0.0000e+00	-1.4200e-01	-2.3549e+00	1.0193e+00
	925	0.0000e+00	0.0000e+00	0.0000e+00	2.2645e-01	-7.6534e-01	9.3564e-01
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	-2.3315e+00	-4.3918e+00	3.5664e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	-8.1096e+00	-5.0924e+00	4.5935e+00
	527	0.0000e+00	0.0000e+00	0.0000e+00	-6.4269e+00	-8.6361e+00	2.8674e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	-1.9532e+00	-5.8965e+00	1.8404e+00
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	-3.7663e+00	-1.9771e-01	3.2781e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	-7.3613e+00	1.2881e+00	3.6135e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	-6.9858e+00	-2.0382e+00	4.6759e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	-3.4687e+00	-2.6698e+00	4.3405e+00
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	-3.3633e+00	1.6581e+00	2.2869e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	-4.9694e+00	2.3239e+00	1.2313e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	-6.8020e+00	2.0851e+00	2.5068e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	-3.6493e+00	2.0857e-01	3.5624e+00
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	-2.2372e+00	1.7648e+00	1.4791e+00
	928	0.0000e+00	0.0000e+00	0.0000e+00	-3.0691e+00	2.0351e+00	4.4466e-01

	929	0.0000e+00	0.0000e+00	0.0000e+00	-4.5314e+00	2.3957e+00	1.0997e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	-2.8508e+00	1.3603e+00	2.1342e+00
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	-1.2702e+00	1.2565e+00	1.0759e+00
	927	0.0000e+00	0.0000e+00	0.0000e+00	-1.7635e+00	1.2879e+00	3.0132e-01
	928	0.0000e+00	0.0000e+00	0.0000e+00	-2.7650e+00	1.7988e+00	5.3814e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.8233e+00	1.3582e+00	1.3127e+00
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	-5.5859e-01	6.0112e-01	1.0615e+00
	926	0.0000e+00	0.0000e+00	0.0000e+00	-8.2055e-01	3.8824e-01	4.7905e-01
	927	0.0000e+00	0.0000e+00	0.0000e+00	-1.5695e+00	9.8381e-01	4.2953e-01
	920	0.0000e+00	0.0000e+00	0.0000e+00	-9.7867e-01	8.6963e-01	1.0120e+00
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	-8.4791e-02	7.3801e-02	1.3704e+00
	925	0.0000e+00	0.0000e+00	0.0000e+00	-1.6372e-01	-3.7568e-01	9.6995e-01
	926	0.0000e+00	0.0000e+00	0.0000e+00	-7.0098e-01	1.2955e-01	6.7756e-01
	919	0.0000e+00	0.0000e+00	0.0000e+00	-3.5123e-01	2.6285e-01	1.0780e+00
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	9.4920e-02	-6.1962e-02	1.6430e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	-1.2097e-01	-2.2684e-01	1.6097e+00
	925	0.0000e+00	0.0000e+00	0.0000e+00	-5.8897e-02	-4.3862e-01	1.3462e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	-3.4108e-02	-7.8283e-02	1.3795e+00
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	1.5098e+00	-2.6544e+00	2.6475e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.8989e+00	-3.4664e+00	3.2746e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	-9.4549e-01	-4.7629e+00	2.0209e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	1.8148e+00	-3.0762e+00	1.3939e+00
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	4.5159e-01	-9.0022e-01	3.0846e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	-2.5058e+00	-4.2425e-01	3.7618e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.5692e+00	-2.2728e+00	3.8276e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	8.7422e-01	-1.9279e+00	3.1503e+00
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.4645e-01	4.5145e-01	2.6073e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	-2.1764e+00	1.1094e+00	2.6962e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	-2.2645e+00	3.9339e-01	3.4357e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	1.2011e-01	-4.2260e-01	3.3468e+00
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	-2.2653e-01	9.7024e-01	1.9355e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.4715e+00	1.4023e+00	1.7039e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	-2.0180e+00	1.4550e+00	2.3934e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.4490e-01	5.1278e-01	2.6251e+00
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	-1.0226e-01	9.3562e-01	1.4799e+00
	920	0.0000e+00	0.0000e+00	0.0000e+00	-8.2485e-01	1.0835e+00	1.2042e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.3762e+00	1.4468e+00	1.5954e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.0417e-01	8.1494e-01	1.8711e+00
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	2.9722e-02	6.4691e-01	1.3524e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	-3.3987e-01	5.5427e-01	1.1287e+00
	920	0.0000e+00	0.0000e+00	0.0000e+00	-7.7425e-01	9.9939e-01	1.2247e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	1.5056e-02	7.1540e-01	1.4484e+00
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	9.4123e-02	2.9997e-01	1.4632e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	-6.6806e-02	1.0448e-01	1.3412e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	-3.1196e-01	4.4246e-01	1.2454e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	9.4452e-02	4.3805e-01	1.3674e+00
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	4.8414e-02	3.0801e-02	1.5696e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	-3.3553e-02	-2.7961e-02	1.5811e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	-3.1118e-02	5.3116e-02	1.4948e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	6.8994e-02	1.6642e-01	1.4833e+00
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	4.5062e+00	-1.3260e+00	1.9076e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	1.9635e+00	-1.9855e+00	2.3425e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	2.5745e+00	-2.3071e+00	1.4458e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	4.7678e+00	-1.1794e+00	1.0110e+00
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	3.6317e+00	-8.9542e-01	2.4218e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	1.2127e+00	-7.5091e-01	3.0439e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	2.0375e+00	-1.5443e+00	2.8958e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	4.0554e+00	-1.1045e+00	2.2737e+00
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	2.6869e+00	-2.4332e-01	2.1490e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	7.4586e-01	2.3710e-01	2.6658e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	1.2460e+00	-2.6450e-01	3.0902e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	3.2240e+00	-6.2995e-01	2.5734e+00
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	1.8777e+00	2.8761e-01	1.6085e+00

	914	0.0000e+00	0.0000e+00	0.0000e+00	5.2875e-01	6.8954e-01	1.9728e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	6.9760e-01	5.9954e-01	2.5200e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	2.4400e+00	-8.9144e-02	2.1557e+00
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	1.2364e+00	5.8090e-01	1.2171e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	4.0730e-01	7.3683e-01	1.4816e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	4.2444e-01	9.1087e-01	1.8518e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	1.7500e+00	3.2891e-01	1.5873e+00
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	7.4394e-01	6.1844e-01	1.1262e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	2.9770e-01	5.5266e-01	1.3269e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.8869e-01	8.4675e-01	1.4454e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	1.1557e+00	5.4471e-01	1.2447e+00
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	3.7553e-01	4.1841e-01	1.2491e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	1.6726e-01	2.7573e-01	1.4076e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	2.0252e-01	5.8274e-01	1.3626e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	6.5846e-01	5.2987e-01	1.2040e+00
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	7.1227e-02	6.2238e-02	1.3647e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	1.2253e-02	5.9744e-03	1.5083e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	1.1542e-01	2.6509e-01	1.4622e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	2.5626e-01	3.0060e-01	1.3186e+00
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	7.4447e+00	-3.5628e-01	1.2966e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	5.0060e+00	-8.1202e-01	1.6252e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	5.4959e+00	-5.7539e-01	9.5033e-01
	483	0.0000e+00	0.0000e+00	0.0000e+00	7.6143e+00	3.1397e-01	6.2170e-01
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	6.5943e+00	-9.0332e-01	1.5937e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	4.2992e+00	-7.1393e-01	2.1548e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	5.0137e+00	-7.6598e-01	2.1146e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	7.0057e+00	-4.9656e-01	1.5535e+00
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	5.3344e+00	-7.9632e-01	1.1559e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	3.4667e+00	-3.4932e-01	1.9215e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	4.2023e+00	-4.7825e-01	2.3376e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	6.1352e+00	-8.6056e-01	1.5720e+00
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	3.9132e+00	-2.5956e-01	5.7991e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	2.5844e+00	8.0289e-02	1.4146e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	3.2303e+00	3.6605e-03	1.9016e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	4.9424e+00	-6.2714e-01	1.0669e+00
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	2.5703e+00	3.4647e-01	2.7785e-01
	906	0.0000e+00	0.0000e+00	0.0000e+00	1.7401e+00	4.1452e-01	1.0565e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	2.2723e+00	4.4385e-01	1.3430e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	3.6008e+00	-5.9124e-02	5.6434e-01
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	1.4605e+00	7.1343e-01	3.6598e-01
	905	0.0000e+00	0.0000e+00	0.0000e+00	1.0108e+00	5.4031e-01	1.0022e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	1.4331e+00	7.0129e-01	1.0191e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	2.3151e+00	4.9460e-01	3.8282e-01
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	6.6593e-01	6.2803e-01	7.0358e-01
	904	0.0000e+00	0.0000e+00	0.0000e+00	4.4594e-01	4.0045e-01	1.1495e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	7.7613e-01	6.9216e-01	1.0089e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	1.2307e+00	7.4494e-01	5.6292e-01
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	1.2274e-01	9.5733e-02	9.6351e-01
	829	0.0000e+00	0.0000e+00	0.0000e+00	3.7056e-02	3.1324e-02	1.2557e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	3.1468e-01	4.0676e-01	1.1685e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	4.3149e-01	5.1619e-01	8.7629e-01
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	1.0888e+01	2.4400e-01	8.1086e-01
	903	0.0000e+00	0.0000e+00	0.0000e+00	8.0223e+00	8.3243e-02	1.0018e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	8.4647e+00	8.6077e-01	4.8608e-01
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.0829e+01	1.7279e+00	2.9516e-01
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	9.8329e+00	-1.3742e+00	5.4117e-01
	902	0.0000e+00	0.0000e+00	0.0000e+00	7.3734e+00	-8.3543e-01	1.1311e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	8.0691e+00	-2.2582e-01	1.4575e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	1.0321e+01	-3.3762e-01	8.6759e-01
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	7.9775e+00	-1.5384e+00	-4.4730e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	6.1768e+00	-9.6749e-01	6.7341e-01
	902	0.0000e+00	0.0000e+00	0.0000e+00	7.1350e+00	-7.4240e-01	1.3395e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	9.2684e+00	-1.4992e+00	2.1881e-01

1713	893	0.0000e+00	0.0000e+00	0.0000e+00	5.8356e+00	-7.5580e-01	-1.1802e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	4.6269e+00	-4.6320e-01	1.6129e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	5.7002e+00	-5.3435e-01	6.8373e-01
	894	0.0000e+00	0.0000e+00	0.0000e+00	7.4545e+00	-1.2830e+00	-6.5776e-01
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	3.7971e+00	3.0673e-01	-1.3469e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	3.0524e+00	2.2663e-01	-5.3663e-02
	900	0.0000e+00	0.0000e+00	0.0000e+00	4.0711e+00	8.5620e-02	1.1776e-01
	893	0.0000e+00	0.0000e+00	0.0000e+00	5.3736e+00	-3.3615e-01	-1.1755e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	2.0731e+00	1.1116e+00	-9.4456e-01
	898	0.0000e+00	0.0000e+00	0.0000e+00	1.6846e+00	7.0124e-01	1.3734e-01
	899	0.0000e+00	0.0000e+00	0.0000e+00	2.5303e+00	7.1247e-01	-6.0277e-02
	892	0.0000e+00	0.0000e+00	0.0000e+00	3.3987e+00	6.9602e-01	-1.1422e+00
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	8.6910e-01	1.1487e+00	-1.6583e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	6.6755e-01	6.7840e-01	5.6626e-01
	898	0.0000e+00	0.0000e+00	0.0000e+00	1.2878e+00	9.8299e-01	1.6704e-01
	891	0.0000e+00	0.0000e+00	0.0000e+00	1.7181e+00	1.3084e+00	-5.6504e-01
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	1.9911e-01	1.8376e-01	4.3567e-01
	821	0.0000e+00	0.0000e+00	0.0000e+00	2.6636e-02	1.0041e-01	8.1350e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	4.7580e-01	6.6050e-01	5.8889e-01
	890	0.0000e+00	0.0000e+00	0.0000e+00	5.0820e-01	1.0248e+00	2.1106e-01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	1.5474e+01	2.5573e-01	4.4754e-01
	896	0.0000e+00	0.0000e+00	0.0000e+00	1.1577e+01	6.1303e-01	4.1538e-01
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.1994e+01	2.2872e+00	1.6975e-01
	461	0.0000e+00	0.0000e+00	0.0000e+00	1.4993e+01	3.1340e+00	2.0191e-01
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	1.3435e+01	-2.7737e+00	-1.2079e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	1.0923e+01	-1.6340e+00	-2.4581e-01
	896	0.0000e+00	0.0000e+00	0.0000e+00	1.1772e+01	-1.7491e-01	8.9223e-01
	889	0.0000e+00	0.0000e+00	0.0000e+00	1.4517e+01	-1.3035e+00	-6.9815e-02
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	1.0322e+01	-2.4978e+00	-3.0421e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	8.9696e+00	-1.9191e+00	-1.1744e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	1.0355e+01	-1.4387e+00	-1.2337e-01
	888	0.0000e+00	0.0000e+00	0.0000e+00	1.2686e+01	-2.9548e+00	-1.9910e+00
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	7.3913e+00	-1.0975e+00	-3.6921e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	6.5329e+00	-9.7200e-01	-1.7675e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	8.1420e+00	-1.2138e+00	-1.2765e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	9.6446e+00	-2.0669e+00	-3.2011e+00
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	4.8295e+00	5.6922e-01	-3.5671e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	4.2234e+00	2.7408e-01	-1.8258e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	5.7441e+00	-1.8213e-01	-1.8346e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	6.8032e+00	-4.5969e-01	-3.5759e+00
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	2.5875e+00	2.0142e+00	-2.7905e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	2.2318e+00	1.2261e+00	-1.2842e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	3.5097e+00	9.8685e-01	-1.7715e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	4.3325e+00	1.1698e+00	-3.2777e+00
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	9.3389e-01	2.4117e+00	-1.3658e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	7.3304e-01	1.3446e+00	-3.0311e-01
	891	0.0000e+00	0.0000e+00	0.0000e+00	1.6498e+00	1.6967e+00	-1.1593e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	2.1498e+00	2.3360e+00	-2.2220e+00
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	3.4820e-01	5.8633e-01	-2.1406e-02
	813	0.0000e+00	0.0000e+00	0.0000e+00	-8.3265e-02	2.8837e-01	3.1910e-01
	890	0.0000e+00	0.0000e+00	0.0000e+00	5.0664e-01	1.2704e+00	-2.3695e-01
	883	0.0000e+00	0.0000e+00	0.0000e+00	4.4164e-01	2.0808e+00	-5.7746e-01
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	2.2309e+01	-2.5078e+00	-5.0212e-01
	889	0.0000e+00	0.0000e+00	0.0000e+00	1.6675e+01	2.1876e-01	-5.7527e-01
	461	0.0000e+00	0.0000e+00	0.0000e+00	1.6796e+01	3.8555e+00	1.9774e-01
	441	0.0000e+00	0.0000e+00	0.0000e+00	2.2041e+01	5.0414e+00	2.7089e-01
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	1.5676e+01	-5.4725e+00	-5.6950e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	1.5195e+01	-4.0128e+00	-2.6323e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	1.6723e+01	-1.1627e+00	4.6239e-02
	881	0.0000e+00	0.0000e+00	0.0000e+00	2.0295e+01	-5.0416e+00	-3.0165e+00
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	1.1065e+01	-3.7984e+00	-6.8701e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	1.1291e+01	-3.0640e+00	-3.9422e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	1.3430e+01	-2.9343e+00	-3.0719e+00

	879	0.0000e+00	0.0000e+00	0.0000e+00	1.4802e+01	-3.9345e+00	-5.9998e+00
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	7.8831e+00	-1.5535e+00	-6.6031e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	7.9079e+00	-1.2200e+00	-4.3672e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	9.9480e+00	-2.0303e+00	-4.3145e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	1.0330e+01	-1.8018e+00	-6.5503e+00
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	5.5049e+00	5.9238e-01	-5.9625e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	5.1783e+00	6.9615e-01	-4.1845e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	6.9082e+00	-3.3700e-01	-4.4831e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	7.3433e+00	3.6203e-01	-6.2612e+00
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	3.3988e+00	2.5457e+00	-5.0042e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	2.7994e+00	2.2982e+00	-3.4091e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	4.2924e+00	1.4768e+00	-4.0384e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	5.1069e+00	2.4835e+00	-5.6335e+00
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	1.0221e+00	3.9222e+00	-3.2303e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	7.9007e-01	2.7702e+00	-1.6885e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	1.8044e+00	2.9954e+00	-3.0310e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	3.1018e+00	4.5192e+00	-4.5728e+00
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	6.8428e-01	6.8504e-01	-2.5213e-01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-2.7471e-01	8.4966e-01	-9.5445e-02
	883	0.0000e+00	0.0000e+00	0.0000e+00	5.2038e-02	2.7150e+00	-1.4808e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	6.7198e-01	5.6408e+00	-1.6375e+00
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	2.0074e+01	-7.8553e+00	-1.7797e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	2.9022e+01	-7.1887e+00	-4.0892e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	2.2257e+01	7.5141e+00	4.6977e+00
	7	0.0000e+00	0.0000e+00	0.0000e+00	5.4348e+01	-9.3329e+00	-9.0097e+00
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	1.2204e+01	-1.1783e+00	-1.2177e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	1.5906e+01	-6.9638e+00	-5.9701e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	2.4261e+01	-4.9514e+00	-6.1812e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	1.6305e+01	-1.0316e+01	-1.2388e+01
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	8.6209e+00	1.4718e+00	-9.9098e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	1.0207e+01	-3.5781e+00	-6.7739e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	1.4857e+01	-4.4116e+00	-7.6405e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	1.0264e+01	-7.7343e+00	-1.0776e+01
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	6.7630e+00	3.6491e+00	-8.3388e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	7.1123e+00	-1.0066e+00	-6.4082e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	1.0341e+01	-2.1739e+00	-7.2461e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	7.4088e+00	-5.1598e+00	-9.1766e+00
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	5.7779e+00	5.8081e+00	-7.0737e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	5.0589e+00	1.2952e+00	-5.7304e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	7.6240e+00	8.0265e-02	-6.4840e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	5.9086e+00	-2.9305e+00	-7.8273e+00
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	5.3657e+00	8.2222e+00	-5.9097e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	3.3606e+00	3.4641e+00	-4.8398e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	5.7518e+00	2.2667e+00	-5.5717e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	5.1218e+00	-1.0325e+00	-6.6417e+00
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	5.3558e+00	1.1207e+01	-4.5376e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.1196e+00	5.1913e+00	-3.3338e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	4.0692e+00	4.5418e+00	-4.3270e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	4.8221e+00	5.0585e-01	-5.5308e+00
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	3.3502e+00	1.5688e+01	-8.6149e-01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-2.7262e+00	1.7246e+00	1.7825e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.0200e+00	7.3060e+00	-1.9821e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	4.9103e+00	8.4610e-01	-4.6261e+00
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	2.6242e-01	3.5061e+00	5.6309e-01
	868	0.0000e+00	0.0000e+00	0.0000e+00	2.6176e+00	3.4524e-01	-7.8742e-01
	17	0.0000e+00	0.0000e+00	0.0000e+00	2.2314e+00	1.0298e+01	2.1946e+00
	861	0.0000e+00	0.0000e+00	0.0000e+00	-2.0618e+00	1.1942e+00	3.5451e+00
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	1.4626e+00	2.5283e-01	-3.8013e-01
	867	0.0000e+00	0.0000e+00	0.0000e+00	1.6749e+00	5.6740e-01	-4.6647e-01
	868	0.0000e+00	0.0000e+00	0.0000e+00	1.8472e+00	1.6253e+00	-2.9934e-01
	860	0.0000e+00	0.0000e+00	0.0000e+00	1.1171e+00	1.6068e+00	-2.1300e-01
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	1.9120e+00	-6.7287e-01	-8.2839e-01
	866	0.0000e+00	0.0000e+00	0.0000e+00	1.6437e+00	-8.7768e-02	-1.0614e+00

	867	0.0000e+00	0.0000e+00	0.0000e+00	1.6548e+00	2.9765e-01	-6.7280e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	1.4333e+00	1.0827e-01	-4.3982e-01
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	2.8322e+00	-1.4740e+00	-1.6017e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	1.9412e+00	-4.4708e-01	-2.1041e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	1.7838e+00	-3.9793e-01	-1.3731e+00
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.9813e+00	-8.2814e-01	-8.7065e-01
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	4.8620e+00	-2.3669e+00	-2.8325e+00
	864	0.0000e+00	0.0000e+00	0.0000e+00	2.5955e+00	-5.5490e-01	-3.8760e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	2.2681e+00	-9.7128e-01	-2.6044e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	3.0954e+00	-1.6939e+00	-1.5609e+00
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	9.2875e+00	-3.4489e+00	-4.5655e+00
	863	0.0000e+00	0.0000e+00	0.0000e+00	4.7790e+00	-1.4502e-01	-7.1019e+00
	864	0.0000e+00	0.0000e+00	0.0000e+00	3.3519e+00	-1.8385e+00	-4.9509e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	5.6246e+00	-2.8218e+00	-2.4146e+00
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	2.6564e+01	-3.0463e+00	-5.5330e+00
	862	0.0000e+00	0.0000e+00	0.0000e+00	6.8386e+00	1.3717e+00	-1.2899e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	6.5571e+00	-3.4211e+00	-9.2131e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	1.2062e+01	-6.3504e+00	-1.8467e+00
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	8.4636e+00	2.3671e+01	1.1175e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	1.0150e+02	1.3900e+01	-1.7773e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	1.3666e+01	-1.9562e+01	-3.0772e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	3.8203e+01	-3.4243e+00	-1.8240e+00
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	-2.2714e-01	7.6530e-01	9.3566e-01
	860	0.0000e+00	0.0000e+00	0.0000e+00	1.4128e-01	2.3549e+00	1.0194e+00
	861	0.0000e+00	0.0000e+00	0.0000e+00	3.2987e-01	4.0373e-01	1.8197e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	-2.4776e-01	3.9805e-01	1.7360e+00
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	6.0644e-01	1.2858e-01	4.2074e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	1.1603e+00	4.2780e-01	-3.3198e-01
	860	0.0000e+00	0.0000e+00	0.0000e+00	9.0527e-02	1.1001e+00	1.3188e-01
	852	0.0000e+00	0.0000e+00	0.0000e+00	1.6562e-01	4.7475e-01	8.8460e-01
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	1.6744e+00	-8.8747e-01	9.8913e-02
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.8909e+00	-6.6224e-01	-5.5961e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	1.3055e+00	-1.6651e-01	-3.7244e-01
	851	0.0000e+00	0.0000e+00	0.0000e+00	9.3820e-01	-3.1433e-01	2.8608e-01
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	2.9635e+00	-1.7259e+00	-5.4495e-02
	857	0.0000e+00	0.0000e+00	0.0000e+00	3.0637e+00	-1.5108e+00	-9.9897e-01
	858	0.0000e+00	0.0000e+00	0.0000e+00	2.1534e+00	-1.1292e+00	-8.0875e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.9783e+00	-1.2932e+00	1.3573e-01
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	5.0256e+00	-2.2875e+00	1.4390e-01
	856	0.0000e+00	0.0000e+00	0.0000e+00	5.2859e+00	-2.3942e+00	-1.4901e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	3.5187e+00	-2.0637e+00	-1.4479e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	3.5134e+00	-2.2546e+00	1.8612e-01
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	7.8529e+00	-1.8527e+00	1.4848e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	1.0103e+01	-3.4785e+00	-1.3854e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	6.0686e+00	-3.1023e+00	-2.2170e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	6.1266e+00	-3.0708e+00	6.5325e-01
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	1.1101e+01	2.6038e+00	5.9606e+00
	854	0.0000e+00	0.0000e+00	0.0000e+00	1.6686e+01	-4.7434e+00	2.5025e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	1.0970e+01	-3.6240e+00	-1.3982e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	9.8780e+00	-3.1966e+00	2.0599e+00
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	8.1985e+00	1.0634e+01	2.6518e+00
	431	0.0000e+00	0.0000e+00	0.0000e+00	1.8665e+01	1.5058e+01	4.0207e+00
	854	0.0000e+00	0.0000e+00	0.0000e+00	2.0721e+01	5.2164e+00	5.7609e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	8.8902e+00	6.1721e+00	4.3921e+00
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	3.3351e-02	7.8260e-02	1.3795e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	5.8188e-02	4.3858e-01	1.3462e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	1.2027e-01	2.2679e-01	1.6097e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	-9.5679e-02	6.1934e-02	1.6430e+00
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	3.5048e-01	-2.6286e-01	1.0781e+00
	851	0.0000e+00	0.0000e+00	0.0000e+00	7.0029e-01	-1.2955e-01	6.7757e-01
	852	0.0000e+00	0.0000e+00	0.0000e+00	1.6302e-01	3.7566e-01	9.6996e-01
	844	0.0000e+00	0.0000e+00	0.0000e+00	8.4030e-02	-7.3815e-02	1.3704e+00
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	9.7794e-01	-8.6964e-01	1.0120e+00



	850	0.0000e+00	0.0000e+00	0.0000e+00	1.5688e+00	-9.8382e-01	4.2952e-01
	851	0.0000e+00	0.0000e+00	0.0000e+00	8.1987e-01	-3.8824e-01	4.7905e-01
	843	0.0000e+00	0.0000e+00	0.0000e+00	5.5784e-01	-6.0113e-01	1.0616e+00
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	1.8226e+00	-1.3582e+00	1.3127e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	2.7643e+00	-1.7988e+00	5.3813e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.7628e+00	-1.2879e+00	3.0132e-01
	842	0.0000e+00	0.0000e+00	0.0000e+00	1.2695e+00	-1.2565e+00	1.0759e+00
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	2.8501e+00	-1.3603e+00	2.1341e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	4.5307e+00	-2.3957e+00	1.0997e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	3.0685e+00	-2.0351e+00	4.4465e-01
	841	0.0000e+00	0.0000e+00	0.0000e+00	2.2365e+00	-1.7648e+00	1.4791e+00
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	3.6486e+00	-2.0858e-01	3.5624e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	6.8013e+00	-2.0851e+00	2.5067e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	4.9688e+00	-2.3239e+00	1.2312e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	3.3626e+00	-1.6581e+00	2.2869e+00
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	3.4681e+00	2.6698e+00	4.3404e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	6.9852e+00	2.0382e+00	4.6758e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	7.3607e+00	-1.2881e+00	3.6135e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	3.7656e+00	1.9770e-01	3.2781e+00
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	1.9525e+00	5.8964e+00	1.8405e+00
	420	0.0000e+00	0.0000e+00	0.0000e+00	6.4263e+00	8.6360e+00	2.8674e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	8.1090e+00	5.0924e+00	4.5934e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	2.3309e+00	4.3918e+00	3.5664e+00
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	-6.9879e-02	-1.6642e-01	1.4833e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	3.0323e-02	-5.3137e-02	1.4948e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	3.2759e-02	2.7934e-02	1.5811e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	-4.9306e-02	-3.0797e-02	1.5696e+00
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	-9.5318e-02	-4.3806e-01	1.3674e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	3.1118e-01	-4.4247e-01	1.2454e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	6.6019e-02	-1.0450e-01	1.3413e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-9.5008e-02	-2.9997e-01	1.4633e+00
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.5895e-02	-7.1542e-01	1.4485e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	7.7350e-01	-9.9941e-01	1.2247e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	3.3910e-01	-5.5428e-01	1.1287e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	-3.0585e-02	-6.4692e-01	1.3525e+00
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	1.0336e-01	-8.1497e-01	1.8711e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	1.3755e+00	-1.4468e+00	1.5954e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	8.2410e-01	-1.0835e+00	1.2042e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	1.0143e-01	-9.3565e-01	1.4799e+00
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	1.4411e-01	-5.1280e-01	2.6251e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	2.0173e+00	-1.4551e+00	2.3934e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	1.4708e+00	-1.4024e+00	1.7039e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	2.2573e-01	-9.7027e-01	1.9356e+00
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.2088e-01	4.2259e-01	3.3468e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	2.2638e+00	-3.9340e-01	3.4357e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	2.1757e+00	-1.1095e+00	2.6962e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	1.4567e-01	-4.5147e-01	2.6073e+00
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	-8.7495e-01	1.9279e+00	3.1504e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	1.5685e+00	2.2728e+00	3.8276e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	2.5051e+00	4.2423e-01	3.7618e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-4.5234e-01	9.0022e-01	3.0846e+00
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.8155e+00	3.0762e+00	1.3940e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	9.4485e-01	4.7629e+00	2.0210e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	1.8982e+00	3.4663e+00	3.2746e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.5105e+00	2.6544e+00	2.6476e+00
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	-2.5729e-01	-3.0056e-01	1.3187e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.1635e-01	-2.6508e-01	1.4623e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.3190e-02	-5.9671e-03	1.5083e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-7.2270e-02	-6.2187e-02	1.3647e+00
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	-6.5946e-01	-5.2986e-01	1.2041e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	-2.0343e-01	-5.8275e-01	1.3626e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.6819e-01	-2.7573e-01	1.4076e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-3.7656e-01	-4.1838e-01	1.2491e+00

1776	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.1567e+00	-5.4475e-01	1.2448e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	-2.8956e-01	-8.4678e-01	1.4455e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	-2.9859e-01	-5.5268e-01	1.3269e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-7.4493e-01	-6.1845e-01	1.1263e+00
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.7510e+00	-3.2897e-01	1.5874e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	-4.2528e-01	-9.1091e-01	1.8519e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	-4.0816e-01	-7.3687e-01	1.4816e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.2373e+00	-5.8094e-01	1.2172e+00
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	-2.4409e+00	8.9107e-02	2.1557e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	-6.9841e-01	-5.9957e-01	2.5200e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	-5.2958e-01	-6.8958e-01	1.9728e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.8786e+00	-2.8766e-01	1.6085e+00
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	-3.2248e+00	6.2996e-01	2.5734e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.2468e+00	2.6449e-01	3.0902e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	-7.4667e-01	-2.3713e-01	2.6658e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	-2.6877e+00	2.4329e-01	2.1490e+00
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	-4.0562e+00	1.1045e+00	2.2737e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	-2.0383e+00	1.5443e+00	2.8958e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.2135e+00	7.5091e-01	3.0440e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	-3.6326e+00	8.9544e-01	2.4219e+00
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	-4.7686e+00	1.1795e+00	1.0111e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	-2.5752e+00	2.3071e+00	1.4459e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.9642e+00	1.9856e+00	2.3425e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	-4.5070e+00	1.3261e+00	1.9077e+00
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	-4.3262e-01	-5.1609e-01	8.7637e-01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-3.1575e-01	-4.0671e-01	1.1685e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-3.8142e-02	-3.1263e-02	1.2557e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-1.2389e-01	-9.5605e-02	9.6353e-01
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.2318e+00	-7.4492e-01	5.6305e-01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-7.7716e-01	-6.9215e-01	1.0090e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-4.4700e-01	-4.0042e-01	1.1496e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	-6.6706e-01	-6.2795e-01	7.0368e-01
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.3161e+00	-4.9466e-01	3.8296e-01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.4341e+00	-7.0133e-01	1.0192e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.0119e+00	-5.4033e-01	1.0023e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.4616e+00	-7.1343e-01	3.6612e-01
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	-3.6018e+00	5.9039e-02	5.6444e-01
	825	0.0000e+00	0.0000e+00	0.0000e+00	-2.2732e+00	-4.4391e-01	1.3431e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.7410e+00	-4.1458e-01	1.0566e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.5714e+00	-3.4654e-01	2.7797e-01
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	-4.9433e+00	6.2708e-01	1.0670e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	-3.2312e+00	-3.7055e-03	1.9016e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-2.5853e+00	-8.0355e-02	1.4146e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-3.9142e+00	2.5947e-01	5.7999e-01
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	-6.1361e+00	8.6058e-01	1.5720e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	-4.2032e+00	4.7825e-01	2.3376e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	-3.4676e+00	3.4928e-01	1.9215e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	-5.3353e+00	7.9628e-01	1.1559e+00
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	-7.0066e+00	4.9668e-01	1.5536e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	-5.0146e+00	7.6605e-01	2.1147e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	-4.3001e+00	7.1395e-01	2.1548e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	-6.5951e+00	9.0336e-01	1.5937e+00
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	-7.6151e+00	-3.1377e-01	6.2190e-01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-5.4967e+00	5.7550e-01	9.5049e-01
	822	0.0000e+00	0.0000e+00	0.0000e+00	-5.0068e+00	8.1210e-01	1.6253e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-7.4455e+00	3.5642e-01	1.2967e+00
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	-5.0930e-01	-1.0246e+00	2.1119e-01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-4.7696e-01	-6.6036e-01	5.8898e-01
	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.7814e-02	-1.0025e-01	8.1350e-01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-2.0026e-01	-1.8350e-01	4.3571e-01
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	-1.7191e+00	-1.3084e+00	-5.6483e-01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.2889e+00	-9.8295e-01	1.6719e-01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-6.6868e-01	-6.7830e-01	5.6637e-01

	812	0.0000e+00	0.0000e+00	0.0000e+00	-8.7021e-01	-1.1485e+00	-1.6565e-01
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	-3.3997e+00	-6.9610e-01	-1.1420e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.5313e+00	-7.1253e-01	-6.0132e-02
	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.6857e+00	-7.0125e-01	1.3749e-01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.0742e+00	-1.1116e+00	-9.4434e-01
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	-5.3745e+00	3.3602e-01	-1.1753e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-4.0721e+00	-8.5716e-02	1.1787e-01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-3.0533e+00	-2.2672e-01	-5.3518e-02
	810	0.0000e+00	0.0000e+00	0.0000e+00	-3.7980e+00	-3.0685e-01	-1.3467e+00
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	-7.4553e+00	1.2829e+00	-6.5767e-01
	816	0.0000e+00	0.0000e+00	0.0000e+00	-5.7012e+00	5.3428e-01	6.8380e-01
	817	0.0000e+00	0.0000e+00	0.0000e+00	-4.6278e+00	4.6310e-01	1.6139e-01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-5.8365e+00	7.5566e-01	-1.1801e+00
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	-9.2692e+00	1.4992e+00	2.1888e-01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-7.1359e+00	7.4242e-01	1.3396e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	-6.1777e+00	9.6744e-01	6.7348e-01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-7.9783e+00	1.5383e+00	-4.4722e-01
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	-1.0322e+01	3.3782e-01	8.6771e-01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-8.0700e+00	2.2596e-01	1.4576e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	-7.3743e+00	8.3549e-01	1.1312e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	-9.8337e+00	1.3743e+00	5.4125e-01
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.0830e+01	-1.7275e+00	2.9544e-01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-8.4655e+00	-8.6053e-01	4.8632e-01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-8.0232e+00	-8.3070e-02	1.0019e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	-1.0889e+01	-2.4374e-01	8.1104e-01
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	-4.4245e-01	-2.0804e+00	-5.7725e-01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-5.0774e-01	-1.2702e+00	-2.3680e-01
	813	0.0000e+00	0.0000e+00	0.0000e+00	8.2143e-02	-2.8805e-01	3.1912e-01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-3.4908e-01	-5.8585e-01	-2.1334e-02
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	-2.1506e+00	-2.3359e+00	-2.2217e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	-1.6508e+00	-1.6966e+00	-1.1591e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	-7.3409e-01	-1.3444e+00	-3.0291e-01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-9.3472e-01	-2.4115e+00	-1.3655e+00
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	-4.3332e+00	-1.1699e+00	-3.2775e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-3.5106e+00	-9.8694e-01	-1.7713e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.2328e+00	-1.2261e+00	-1.2840e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	-2.5882e+00	-2.0142e+00	-2.7902e+00
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	-6.8038e+00	4.5948e-01	-3.5757e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-5.7450e+00	1.8198e-01	-1.8345e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-4.2243e+00	-2.7420e-01	-1.8256e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	-4.8301e+00	-5.6940e-01	-3.5668e+00
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	-9.6452e+00	2.0667e+00	-3.2010e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	-8.1428e+00	1.2137e+00	-1.2765e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-6.5338e+00	9.7185e-01	-1.7674e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-7.3919e+00	1.0973e+00	-3.6919e+00
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.2686e+01	2.9549e+00	-1.9909e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	-1.0355e+01	1.4387e+00	-1.2330e-01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-8.9704e+00	1.9190e+00	-1.1743e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	-1.0323e+01	2.4977e+00	-3.0419e+00
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.4517e+01	1.3038e+00	-6.9690e-02
	806	0.0000e+00	0.0000e+00	0.0000e+00	-1.1773e+01	1.7516e-01	8.9236e-01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-1.0924e+01	1.6341e+00	-2.4571e-01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.3435e+01	2.7738e+00	-1.2078e+00
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.4993e+01	-3.1335e+00	2.0224e-01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.1995e+01	-2.2867e+00	1.7007e-01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-1.1578e+01	-6.1272e-01	4.1556e-01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.5475e+01	-2.5531e-01	4.4773e-01
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	-6.7195e-01	-5.6402e+00	-1.6372e+00
	804	0.0000e+00	0.0000e+00	0.0000e+00	-5.2765e-02	-2.7145e+00	-1.4806e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	2.7396e-01	-8.4905e-01	-9.5394e-02
	797	0.0000e+00	0.0000e+00	0.0000e+00	-6.8437e-01	-6.8421e-01	-2.5201e-01
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	-3.1019e+00	-4.5191e+00	-4.5725e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.8050e+00	-2.9953e+00	-3.0307e+00

	804	0.0000e+00	0.0000e+00	0.0000e+00	-7.9068e-01	-2.7699e+00	-1.6882e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.0222e+00	-3.9220e+00	-3.2299e+00
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	-5.1071e+00	-2.4837e+00	-5.6332e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	-4.2929e+00	-1.4769e+00	-4.0381e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	-2.7999e+00	-2.2982e+00	-3.4088e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-3.3989e+00	-2.5458e+00	-5.0039e+00
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	-7.3435e+00	-3.6229e-01	-6.2610e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-6.9087e+00	3.3679e-01	-4.4830e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	-5.1788e+00	-6.9632e-01	-4.1842e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-5.5051e+00	-5.9264e-01	-5.9623e+00
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	-1.0330e+01	1.8015e+00	-6.5502e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	-9.9484e+00	2.0301e+00	-4.3144e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-7.9084e+00	1.2198e+00	-4.3670e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-7.8833e+00	1.5533e+00	-6.6028e+00
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.4802e+01	3.9344e+00	-5.9996e+00
	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.3431e+01	2.9344e+00	-3.0718e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	-1.1291e+01	3.0638e+00	-3.9420e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-1.1066e+01	3.7982e+00	-6.8698e+00
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	-2.0295e+01	5.0418e+00	-3.0164e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.6723e+01	1.1631e+00	4.6339e-02
	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.5196e+01	4.0129e+00	-2.6321e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.5676e+01	5.4727e+00	-5.6949e+00
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	-2.2041e+01	-5.0405e+00	2.7126e-01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.6797e+01	-3.8548e+00	1.9812e-01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.6676e+01	-2.1823e-01	-5.7508e-01
	783	0.0000e+00	0.0000e+00	0.0000e+00	-2.2309e+01	2.5085e+00	-5.0193e-01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	-4.9091e+00	-8.4691e-01	-4.6263e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.0193e+00	-7.3054e+00	-1.9821e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	2.7258e+00	-1.7235e+00	1.7827e+00
	6	0.0000e+00	0.0000e+00	0.0000e+00	-3.3476e+00	-1.5686e+01	-8.6154e-01
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	-4.8213e+00	-5.0655e-01	-5.5307e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-4.0689e+00	-4.5417e+00	-4.3268e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.1193e+00	-5.1910e+00	-3.3336e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	-5.3546e+00	-1.1206e+01	-4.5376e+00
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	-5.1211e+00	1.0319e+00	-6.6415e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-5.7516e+00	-2.2669e+00	-5.5715e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-3.3605e+00	-3.4641e+00	-4.8396e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	-5.3649e+00	-8.2217e+00	-5.9096e+00
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	-5.9080e+00	2.9302e+00	-7.8271e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-7.6239e+00	-8.0509e-02	-6.4838e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-5.0588e+00	-1.2954e+00	-5.7302e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	-5.7773e+00	-5.8082e+00	-7.0735e+00
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-7.4081e+00	5.1598e+00	-9.1763e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-1.0341e+01	2.1737e+00	-7.2458e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-7.1121e+00	1.0064e+00	-6.4080e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	-6.7623e+00	-3.6496e+00	-8.3385e+00
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-1.0263e+01	7.7349e+00	-1.0776e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.4857e+01	4.4116e+00	-7.6402e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-1.0207e+01	3.5780e+00	-6.7736e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-8.6202e+00	-1.4724e+00	-9.9094e+00
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-1.6303e+01	1.0317e+01	-1.2387e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	-2.4261e+01	4.9518e+00	-6.1808e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.5905e+01	6.9639e+00	-5.9698e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-1.2203e+01	1.1776e+00	-1.2176e+01
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-5.4345e+01	9.3352e+00	-9.0092e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	-2.2257e+01	-7.5129e+00	4.6981e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	-2.9021e+01	7.1893e+00	-4.0887e+00
	784	0.0000e+00	0.0000e+00	0.0000e+00	-2.0073e+01	7.8546e+00	-1.7796e+01
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	-6.0895e+01	-4.5477e+00	-2.4318e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	-3.1574e+01	2.3679e+01	-4.5817e+01
	22	0.0000e+00	0.0000e+00	0.0000e+00	-1.3425e+02	-2.4972e+01	-3.3168e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	2.3335e+00	-2.4321e+01	-1.1668e+01
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	-3.2274e+01	1.3270e+01	-1.4516e+01

	781	0.0000e+00	0.0000e+00	0.0000e+00	-2.5976e+01	7.1319e+00	-2.4094e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	-2.3652e+01	-2.6305e-01	-2.8812e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	-5.2172e+01	3.8829e+00	-1.9234e+01
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	-2.2513e+01	1.1684e+01	-1.2390e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	-2.0551e+01	8.0280e+00	-1.6998e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	-2.4144e+01	4.0690e+00	-2.1739e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	-2.7376e+01	1.0747e+01	-1.7130e+01
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.8193e+01	1.1800e+01	-7.5063e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.8097e+01	7.2876e+00	-9.5819e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.9355e+01	6.2227e+00	-1.4146e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	-2.0744e+01	1.1659e+01	-1.2070e+01
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.7559e+01	1.1765e+01	-2.1096e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.7090e+01	6.3213e+00	-2.4579e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.7707e+01	6.8734e+00	-7.1401e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.7581e+01	1.1637e+01	-6.7918e+00
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	-2.0568e+01	1.1988e+01	4.0842e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	-1.7642e+01	4.6444e+00	5.6910e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.7391e+01	6.9272e+00	2.1346e-01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.7871e+01	1.1524e+01	-1.3934e+00
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	-2.9965e+01	1.2516e+01	1.1367e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-2.0607e+01	1.7255e+00	1.6470e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-1.8981e+01	6.9792e+00	9.2034e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-2.2228e+01	1.2030e+01	4.1008e+00
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	-5.0843e+01	1.2499e+01	1.9384e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-3.3321e+01	-4.7570e+00	3.3073e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-2.4393e+01	9.0071e+00	2.2897e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-3.4655e+01	1.3935e+01	9.2080e+00
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	-1.3341e+02	-2.9119e+00	2.0920e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-3.9650e+01	-1.8623e+01	5.6572e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-4.1535e+01	1.2187e+01	4.2231e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-6.6104e+01	2.7741e+01	6.5784e+00
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.2958e+01	-1.0265e+02	-2.6624e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-4.6161e+02	-1.2727e+02	9.3819e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-7.7950e+01	9.2878e+01	1.3323e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	-1.7562e+02	-1.7662e+01	1.2790e+01
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	-3.5117e+01	-1.1571e+01	-1.0687e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	-4.3044e+01	4.0489e+00	-1.5124e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	-9.4651e+01	-2.8905e+01	-1.3162e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	8.3486e+00	-1.7563e+01	-8.7244e+00
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	-2.7016e+01	1.1836e+01	-5.4449e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-3.1636e+01	1.0026e+01	-1.2164e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	-3.4673e+01	6.6363e+00	-9.7953e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	-3.6308e+01	-3.3753e-01	-3.0763e+00
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	-2.0277e+01	1.4597e+01	-6.3904e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-2.3003e+01	1.3289e+01	-1.1601e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	-2.9533e+01	1.1483e+01	-1.1851e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	-2.3308e+01	1.0720e+01	-6.6403e+00
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	-1.6247e+01	1.5514e+01	-5.2157e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.9000e+01	1.3393e+01	-7.7185e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-2.1489e+01	1.2932e+01	-9.2809e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	-1.8350e+01	1.4216e+01	-6.7780e+00
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	-1.5869e+01	1.5427e+01	-3.5937e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.8526e+01	1.3197e+01	-3.4901e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.8555e+01	1.3322e+01	-5.4268e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	-1.5650e+01	1.5313e+01	-5.5304e+00
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	-1.9240e+01	1.4879e+01	-2.2407e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-2.2003e+01	1.3144e+01	7.7910e-01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.9111e+01	1.3598e+01	-9.8996e-01
	758	0.0000e+00	0.0000e+00	0.0000e+00	-1.6592e+01	1.5720e+01	-4.0097e+00
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	-2.6985e+01	1.2829e+01	-2.6570e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	-3.0940e+01	1.3626e+01	4.1694e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-2.3808e+01	1.3998e+01	3.6293e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	-2.1592e+01	1.5973e+01	-3.1970e+00

1839 755 0.0000e+00 0.0000e+00 0.0000e+00 -3.6582e+01 5.4750e+00 -8.1115e+00  
765 0.0000e+00 0.0000e+00 0.0000e+00 -5.0922e+01 1.4520e+01 3.6437e+00  
766 0.0000e+00 0.0000e+00 0.0000e+00 -3.4392e+01 1.4137e+01 7.5325e+00  
756 0.0000e+00 0.0000e+00 0.0000e+00 -3.1543e+01 1.4704e+01 -4.2227e+00

1840 754 0.0000e+00 0.0000e+00 0.0000e+00 -4.5216e+01 -1.7312e+01 -2.2502e+01  
764 0.0000e+00 0.0000e+00 0.0000e+00 -7.0511e+01 1.1734e+01 -1.2662e+01  
765 0.0000e+00 0.0000e+00 0.0000e+00 -5.4818e+01 9.3562e+00 1.4366e+00  
755 0.0000e+00 0.0000e+00 0.0000e+00 -4.2853e+01 7.6672e+00 -8.4032e+00

1841 654 0.0000e+00 0.0000e+00 0.0000e+00 -3.3802e+01 -4.9134e+01 -3.1016e+00  
665 0.0000e+00 0.0000e+00 0.0000e+00 -8.3258e+01 -6.2500e+01 -5.4785e+00  
764 0.0000e+00 0.0000e+00 0.0000e+00 -8.7907e+01 -4.7643e+01 -1.8601e+01  
754 0.0000e+00 0.0000e+00 0.0000e+00 -3.3514e+01 -3.2402e+01 -1.6224e+01

1842 752 0.0000e+00 0.0000e+00 0.0000e+00 -1.6313e+01 -1.0116e+01 -5.9405e+00  
762 0.0000e+00 0.0000e+00 0.0000e+00 -2.5945e+01 1.2158e+00 -7.7345e+00  
763 0.0000e+00 0.0000e+00 0.0000e+00 -6.6638e+01 -2.1551e+01 -7.2111e+00  
753 0.0000e+00 0.0000e+00 0.0000e+00 2.1088e+01 -1.1360e+01 -5.4171e+00

1843 751 0.0000e+00 0.0000e+00 0.0000e+00 -1.2426e+01 8.4413e+00 -7.0997e-01  
761 0.0000e+00 0.0000e+00 0.0000e+00 -2.2748e+01 8.4591e+00 -2.6728e+00  
762 0.0000e+00 0.0000e+00 0.0000e+00 -2.0437e+01 2.1586e+00 -1.3237e+00  
752 0.0000e+00 0.0000e+00 0.0000e+00 -1.8338e+01 -7.6449e-01 6.3908e-01

1844 750 0.0000e+00 0.0000e+00 0.0000e+00 -1.0185e+01 1.3246e+01 -2.7263e+00  
760 0.0000e+00 0.0000e+00 0.0000e+00 -1.7202e+01 1.4231e+01 -5.3624e+00  
761 0.0000e+00 0.0000e+00 0.0000e+00 -2.1193e+01 1.1702e+01 -3.6751e+00  
751 0.0000e+00 0.0000e+00 0.0000e+00 -1.1031e+01 9.0095e+00 -1.0390e+00

1845 749 0.0000e+00 0.0000e+00 0.0000e+00 -8.2100e+00 1.5234e+01 -3.9422e+00  
759 0.0000e+00 0.0000e+00 0.0000e+00 -1.4284e+01 1.5759e+01 -5.4588e+00  
760 0.0000e+00 0.0000e+00 0.0000e+00 -1.6079e+01 1.5119e+01 -4.4818e+00  
750 0.0000e+00 0.0000e+00 0.0000e+00 -9.1980e+00 1.3514e+01 -2.9652e+00

1846 748 0.0000e+00 0.0000e+00 0.0000e+00 -8.0524e+00 1.5189e+01 -5.2381e+00  
758 0.0000e+00 0.0000e+00 0.0000e+00 -1.4145e+01 1.6078e+01 -5.0470e+00  
759 0.0000e+00 0.0000e+00 0.0000e+00 -1.3957e+01 1.6010e+01 -4.2805e+00  
749 0.0000e+00 0.0000e+00 0.0000e+00 -7.8899e+00 1.5228e+01 -4.4716e+00

1847 747 0.0000e+00 0.0000e+00 0.0000e+00 -9.8016e+00 1.3661e+01 -7.0635e+00  
757 0.0000e+00 0.0000e+00 0.0000e+00 -1.7055e+01 1.5755e+01 -5.0528e+00  
758 0.0000e+00 0.0000e+00 0.0000e+00 -1.4580e+01 1.5955e+01 -3.8185e+00  
748 0.0000e+00 0.0000e+00 0.0000e+00 -8.5869e+00 1.5359e+01 -5.8293e+00

1848 746 0.0000e+00 0.0000e+00 0.0000e+00 -1.2724e+01 9.6280e+00 -1.0121e+01  
756 0.0000e+00 0.0000e+00 0.0000e+00 -2.2798e+01 1.4102e+01 -6.7556e+00  
757 0.0000e+00 0.0000e+00 0.0000e+00 -1.8233e+01 1.4948e+01 -4.2330e+00  
747 0.0000e+00 0.0000e+00 0.0000e+00 -1.1115e+01 1.3923e+01 -7.5982e+00

1849 745 0.0000e+00 0.0000e+00 0.0000e+00 -1.4252e+01 8.0966e-01 -1.4099e+01  
755 0.0000e+00 0.0000e+00 0.0000e+00 -2.9903e+01 7.4984e+00 -1.1220e+01  
756 0.0000e+00 0.0000e+00 0.0000e+00 -2.4691e+01 1.1288e+01 -7.1553e+00  
746 0.0000e+00 0.0000e+00 0.0000e+00 -1.4181e+01 9.1160e+00 -1.0034e+01

1850 744 0.0000e+00 0.0000e+00 0.0000e+00 -1.2041e+01 -1.3440e+01 -1.3445e+01  
754 0.0000e+00 0.0000e+00 0.0000e+00 -2.9082e+01 -1.4372e+01 -1.6191e+01  
755 0.0000e+00 0.0000e+00 0.0000e+00 -3.2328e+01 1.4530e+00 -1.4773e+01  
745 0.0000e+00 0.0000e+00 0.0000e+00 -1.3834e+01 -2.5706e+00 -1.2027e+01

1851 643 0.0000e+00 0.0000e+00 0.0000e+00 -7.1992e+00 -2.5639e+01 -1.2752e+00  
654 0.0000e+00 0.0000e+00 0.0000e+00 -2.7241e+01 -3.9157e+01 -4.8123e+00  
754 0.0000e+00 0.0000e+00 0.0000e+00 -3.2690e+01 -2.5799e+01 -1.3713e+01  
744 0.0000e+00 0.0000e+00 0.0000e+00 -8.2397e+00 -1.9913e+01 -1.0176e+01

1852 742 0.0000e+00 0.0000e+00 0.0000e+00 4.7511e-01 -7.8290e+00 -3.9064e+00  
752 0.0000e+00 0.0000e+00 0.0000e+00 -8.3992e+00 1.8767e+00 -4.7945e+00  
753 0.0000e+00 0.0000e+00 0.0000e+00 -4.3326e+01 -1.5172e+01 -4.1370e+00  
743 0.0000e+00 0.0000e+00 0.0000e+00 3.3772e+01 -6.8998e+00 -3.2490e+00

1853 741 0.0000e+00 0.0000e+00 0.0000e+00 2.8368e+00 6.4686e+00 9.9489e-01  
751 0.0000e+00 0.0000e+00 0.0000e+00 -8.3661e+00 6.7289e+00 7.1662e-01  
752 0.0000e+00 0.0000e+00 0.0000e+00 -4.5263e+00 1.2833e+00 1.5075e+00  
742 0.0000e+00 0.0000e+00 0.0000e+00 -1.5137e+00 -1.8042e-01 1.7858e+00

1854 740 0.0000e+00 0.0000e+00 0.0000e+00 3.1306e+00 1.0631e+01 -1.2332e+00  
750 0.0000e+00 0.0000e+00 0.0000e+00 -5.9262e+00 1.2766e+01 -1.9903e+00  
751 0.0000e+00 0.0000e+00 0.0000e+00 -7.4593e+00 9.6289e+00 4.2844e-02

	741	0.0000e+00	0.0000e+00	0.0000e+00	3.2744e+00	7.3317e+00	7.9996e-01
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	3.6630e+00	1.2746e+01	-3.5083e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	-4.5325e+00	1.4900e+01	-4.0351e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	-5.2138e+00	1.3887e+01	-1.8484e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	3.3778e+00	1.1274e+01	-1.3216e+00
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	3.6783e+00	1.2728e+01	-6.1551e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	-4.4668e+00	1.5233e+01	-6.0446e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	-4.3319e+00	1.5229e+01	-3.8112e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	3.7463e+00	1.2866e+01	-3.9218e+00
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	3.2465e+00	1.0984e+01	-8.9606e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	-5.7229e+00	1.4022e+01	-8.2834e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	-4.7110e+00	1.4859e+01	-5.8715e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	3.4772e+00	1.2638e+01	-6.5487e+00
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	3.0309e+00	7.1215e+00	-1.1559e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	-7.4325e+00	1.0360e+01	-1.1004e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	-6.3436e+00	1.2759e+01	-8.4860e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	2.9607e+00	1.0508e+01	-9.0412e+00
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	4.0492e+00	6.7854e-01	-1.2487e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	-7.6833e+00	2.1261e+00	-1.3299e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	-8.3322e+00	7.6972e+00	-1.1720e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	3.2081e+00	5.7022e+00	-1.0908e+01
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	6.6434e+00	-7.3059e+00	-9.1687e+00
	744	0.0000e+00	0.0000e+00	0.0000e+00	-5.1956e+00	-1.1132e+01	-1.1866e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	-8.7365e+00	-1.8678e+00	-1.3519e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	5.2351e+00	-2.0906e+00	-1.0822e+01
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	8.6118e+00	-1.2853e+01	-1.1291e+00
	643	0.0000e+00	0.0000e+00	0.0000e+00	-3.4316e+00	-2.0608e+01	-2.8297e+00
	744	0.0000e+00	0.0000e+00	0.0000e+00	-6.1761e+00	-1.5185e+01	-8.6806e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	8.2360e+00	-1.0185e+01	-6.9800e+00
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	1.5823e+01	-5.9819e+00	-2.9326e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	7.7710e+00	2.9308e+00	-3.3910e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	-2.3112e+01	-1.0649e+01	-2.3919e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	4.5865e+01	-3.9140e+00	-1.9335e+00
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	1.7554e+01	5.0423e+00	1.3638e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	6.6801e+00	5.4678e+00	1.6133e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	1.0737e+01	1.5066e+00	2.3358e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	1.3955e+01	3.5681e-01	2.0864e+00
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	1.7113e+01	7.8915e+00	-9.3151e-01
	740	0.0000e+00	0.0000e+00	0.0000e+00	7.5831e+00	1.0413e+01	-8.7576e-01
	741	0.0000e+00	0.0000e+00	0.0000e+00	7.1681e+00	7.6592e+00	1.1905e+00
	731	0.0000e+00	0.0000e+00	0.0000e+00	1.7630e+01	5.6763e+00	1.1348e+00
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	1.6967e+01	9.5526e+00	-3.5246e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	8.0073e+00	1.2309e+01	-3.5015e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	7.9989e+00	1.1308e+01	-9.5646e-01
	730	0.0000e+00	0.0000e+00	0.0000e+00	1.7018e+01	8.5165e+00	-9.7961e-01
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	1.6878e+01	9.5759e+00	-6.4598e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	8.0527e+00	1.2486e+01	-6.4035e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	8.0975e+00	1.2592e+01	-3.7395e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	1.6937e+01	9.6944e+00	-3.7959e+00
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	1.6994e+01	8.2871e+00	-9.1608e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	7.8519e+00	1.1019e+01	-9.1885e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	7.9020e+00	1.2145e+01	-6.6838e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	1.6893e+01	9.4173e+00	-6.6562e+00
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	1.7544e+01	5.7644e+00	-1.0924e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	7.9631e+00	7.5333e+00	-1.1367e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	7.5077e+00	1.0046e+01	-9.5001e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	1.7185e+01	7.7440e+00	-9.0565e+00
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	1.8703e+01	2.2037e+00	-1.0607e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	9.0084e+00	1.6858e+00	-1.1768e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	7.4827e+00	5.9309e+00	-1.1431e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	1.8098e+01	4.6784e+00	-1.0270e+01
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	2.0266e+01	-1.6678e+00	-7.1799e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	1.0687e+01	-5.3125e+00	-8.7432e+00

	735	0.0000e+00	0.0000e+00	0.0000e+00	8.4767e+00	-2.5782e-01	-1.0828e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	1.9609e+01	6.4235e-01	-9.2647e+00
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	2.1034e+01	-4.4372e+00	-1.1999e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	1.1622e+01	-9.5814e+00	-1.9426e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	1.0293e+01	-6.9107e+00	-6.0992e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	2.0999e+01	-2.9937e+00	-5.3564e+00
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	2.9982e+01	-4.6872e+00	-2.3816e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	2.2584e+01	3.6706e+00	-2.6469e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	-5.1883e+00	-7.5621e+00	-1.4304e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	5.7268e+01	-1.8563e+00	-1.1652e+00
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	3.1360e+01	3.6264e+00	1.2256e+00
	731	0.0000e+00	0.0000e+00	0.0000e+00	2.1209e+01	4.2777e+00	1.5890e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	2.5050e+01	1.7325e+00	2.4517e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	2.8186e+01	5.0314e-01	2.0883e+00
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	3.0522e+01	5.2223e+00	-1.2284e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	2.1459e+01	7.7802e+00	-8.2670e-01
	731	0.0000e+00	0.0000e+00	0.0000e+00	2.1453e+01	5.8311e+00	1.2585e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	3.1265e+01	3.8432e+00	8.5678e-01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	2.9980e+01	6.4186e+00	-3.8085e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	2.1367e+01	9.1400e+00	-3.4872e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	2.1650e+01	8.4092e+00	-9.7911e-01
	720	0.0000e+00	0.0000e+00	0.0000e+00	3.0286e+01	5.6630e+00	-1.3004e+00
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	2.9834e+01	6.5665e+00	-6.4740e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	2.1332e+01	9.2841e+00	-6.4192e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	2.1351e+01	9.3793e+00	-3.8836e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	2.9916e+01	6.5692e+00	-3.9383e+00
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	3.0236e+01	5.9373e+00	-8.7260e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	2.1509e+01	8.2583e+00	-9.0292e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	2.1225e+01	9.0816e+00	-6.7986e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	2.9964e+01	6.5398e+00	-6.4954e+00
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	3.1043e+01	4.9131e+00	-1.0031e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	2.2024e+01	6.1392e+00	-1.0655e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	2.1312e+01	7.7079e+00	-9.1932e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	3.0608e+01	5.7473e+00	-8.5689e+00
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	3.1910e+01	3.9664e+00	-9.5549e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	2.2820e+01	3.1811e+00	-1.0308e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	2.1697e+01	5.4136e+00	-1.0291e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	3.1652e+01	4.5913e+00	-9.5379e+00
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	3.2581e+01	3.2234e+00	-6.5471e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	2.3494e+01	1.1912e-01	-7.1412e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	2.2377e+01	2.4885e+00	-9.0591e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	3.2609e+01	3.5653e+00	-8.4650e+00
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	3.2793e+01	2.1192e+00	-1.4054e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	2.3766e+01	-1.8896e+00	-1.6268e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	2.3143e+01	-4.3652e-01	-4.9793e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	3.3010e+01	2.8631e+00	-4.7579e+00
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	4.2974e+01	-3.8855e+00	-2.0199e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	3.6153e+01	4.0122e+00	-2.1911e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	1.0934e+01	-5.2745e+00	-9.7429e-01
	713	0.0000e+00	0.0000e+00	0.0000e+00	6.7879e+01	-2.9453e-02	-8.0305e-01
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	4.3651e+01	1.8301e+00	6.3680e-01
	721	0.0000e+00	0.0000e+00	0.0000e+00	3.4785e+01	2.7770e+00	1.1666e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	3.8374e+01	1.6376e+00	2.3608e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	4.1034e+01	-1.8921e-02	1.8310e+00
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	4.2013e+01	2.6774e+00	-2.1748e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	3.4551e+01	4.9898e+00	-1.3138e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	3.4786e+01	3.9052e+00	8.1300e-01
	711	0.0000e+00	0.0000e+00	0.0000e+00	4.3357e+01	1.5811e+00	-4.7940e-02
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	4.0955e+01	3.8433e+00	-4.3867e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	3.3984e+01	6.0161e+00	-3.7331e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	3.4457e+01	5.5335e+00	-1.5740e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	4.1681e+01	2.9995e+00	-2.2276e+00
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	4.0902e+01	4.2600e+00	-6.2082e+00



	718	0.0000e+00	0.0000e+00	0.0000e+00	3.3851e+01	6.3730e+00	-6.2058e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	3.3848e+01	6.2864e+00	-4.2319e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	4.0910e+01	4.0963e+00	-4.2344e+00
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	4.1999e+01	4.0774e+00	-7.6407e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	3.4333e+01	6.0517e+00	-8.3555e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	3.3845e+01	6.2493e+00	-6.6285e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	4.1175e+01	4.4587e+00	-5.9137e+00
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	4.3799e+01	3.9564e+00	-8.6627e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	3.5200e+01	5.4312e+00	-9.7577e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	3.4404e+01	5.6952e+00	-8.4554e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	4.2586e+01	4.3310e+00	-7.3604e+00
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	4.5307e+01	5.0046e+00	-8.7525e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	3.5888e+01	5.0275e+00	-9.5481e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	3.5123e+01	5.1849e+00	-9.2306e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	4.4612e+01	4.5155e+00	-8.4350e+00
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	4.5739e+01	7.4853e+00	-6.6818e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	3.5899e+01	4.9792e+00	-6.7004e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	3.5451e+01	5.1755e+00	-8.1873e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	4.6154e+01	5.9109e+00	-8.1687e+00
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	4.5861e+01	8.3660e+00	-1.6324e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	3.5620e+01	4.5227e+00	-1.5417e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	3.5350e+01	5.1983e+00	-4.7365e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	4.6298e+01	8.3195e+00	-4.8271e+00
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	5.4330e+01	-3.9568e+00	-2.2331e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	4.8431e+01	3.8364e+00	-2.0766e+00
	713	0.0000e+00	0.0000e+00	0.0000e+00	2.5402e+01	-3.0038e+00	-9.1044e-01
	703	0.0000e+00	0.0000e+00	0.0000e+00	7.7646e+01	2.2472e+00	-1.0669e+00
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	5.2547e+01	-6.1706e-01	-1.4679e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	4.6712e+01	3.9092e-01	1.1176e-01
	712	0.0000e+00	0.0000e+00	0.0000e+00	5.0511e+01	9.4376e-01	2.0401e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	5.1646e+01	-2.2520e+00	4.6038e-01
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	4.8949e+01	7.6406e-01	-4.4831e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	4.5273e+01	2.0854e+00	-2.4271e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	4.6119e+01	1.6188e+00	-4.8927e-01
	701	0.0000e+00	0.0000e+00	0.0000e+00	5.1876e+01	-1.2843e+00	-2.5452e+00
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	4.7162e+01	2.7098e+00	-5.3125e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	4.3851e+01	3.4840e+00	-4.1373e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	4.4684e+01	2.9315e+00	-2.9798e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	4.8485e+01	1.1824e+00	-4.1550e+00
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	4.7527e+01	3.5796e+00	-5.2427e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	4.3740e+01	4.3252e+00	-5.4992e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	4.3601e+01	3.8938e+00	-4.8050e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	4.7195e+01	3.1262e+00	-4.5486e+00
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	5.0134e+01	3.4128e+00	-4.9418e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	4.5115e+01	4.5258e+00	-6.6613e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	4.4008e+01	4.1321e+00	-6.0336e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	4.8085e+01	3.8765e+00	-4.3140e+00
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	5.4626e+01	2.9088e+00	-5.0646e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	4.7496e+01	4.8035e+00	-7.8385e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	4.5833e+01	3.9086e+00	-6.9178e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	5.1199e+01	3.7959e+00	-4.1438e+00
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	5.9773e+01	4.0052e+00	-6.0127e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	4.9551e+01	6.3205e+00	-8.6984e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	4.8301e+01	4.2912e+00	-7.4949e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	5.6095e+01	3.9830e+00	-4.8092e+00
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	6.1874e+01	1.0169e+01	-6.6583e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	5.0004e+01	9.3832e+00	-7.1319e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	4.9594e+01	6.8073e+00	-7.2526e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	6.1415e+01	6.2850e+00	-6.7790e+00
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	6.2930e+01	1.5903e+01	-1.6953e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	4.8990e+01	1.1166e+01	-1.4285e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	4.8900e+01	1.0798e+01	-4.9713e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	6.3510e+01	1.3785e+01	-5.2381e+00

1902	691	0.0000e+00	0.0000e+00	0.0000e+00	6.0679e+01	-8.4468e+00	-6.1852e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	5.9453e+01	1.8720e+00	-3.7554e+00
	703	0.0000e+00	0.0000e+00	0.0000e+00	3.7410e+01	-3.2995e-02	-1.1693e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	8.7180e+01	4.6480e+00	-3.5991e+00
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	5.2101e+01	-4.7466e+00	-8.1275e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	5.4984e+01	-3.6073e+00	-2.9881e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	6.0122e+01	-1.2836e+00	-2.1291e-01
	691	0.0000e+00	0.0000e+00	0.0000e+00	5.6393e+01	-6.1943e+00	-5.3523e+00
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	4.6278e+01	-5.1343e-01	-8.6412e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	5.0361e+01	-1.1199e-01	-4.8520e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	5.2414e+01	-1.1802e+00	-4.5587e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	5.1178e+01	-1.4180e+00	-8.3480e+00
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	4.4466e+01	3.4132e+00	-6.1244e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	4.7743e+01	2.6654e+00	-4.7316e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	4.8884e+01	1.2717e+00	-5.9017e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	4.5881e+01	3.0748e+00	-7.2946e+00
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	4.5845e+01	5.3129e+00	-2.8965e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	4.8036e+01	4.1107e+00	-3.8389e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	4.7354e+01	3.1467e+00	-5.5175e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	4.4798e+01	5.6039e+00	-4.5751e+00
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	5.0425e+01	5.4058e+00	4.8971e-01
	697	0.0000e+00	0.0000e+00	0.0000e+00	5.1129e+01	4.3399e+00	-2.7699e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	4.8658e+01	3.7126e+00	-4.4307e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	4.6915e+01	6.2673e+00	-1.1711e+00
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	5.8704e+01	3.9486e+00	3.3016e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	5.6841e+01	4.2527e+00	-2.3995e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	5.2794e+01	3.1175e+00	-3.3397e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	5.2291e+01	5.4712e+00	2.3614e+00
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	7.1907e+01	1.4282e+00	3.7571e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	6.3653e+01	5.8328e+00	-4.1813e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	5.9592e+01	2.3990e+00	-2.8751e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	6.1402e+01	3.9562e+00	5.0632e+00
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	8.4830e+01	1.1422e+00	-1.6914e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	6.9332e+01	1.2534e+01	-8.4902e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	6.6527e+01	4.1587e+00	-3.6890e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	7.5161e+01	5.0837e+00	3.1098e+00
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	9.3806e+01	2.1819e+01	-7.3130e-02
	588	0.0000e+00	0.0000e+00	0.0000e+00	6.7027e+01	2.0214e+01	-1.6861e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	6.5950e+01	1.6435e+01	-5.3094e+00
	675	0.0000e+00	0.0000e+00	0.0000e+00	9.1924e+01	2.2729e+01	-3.6964e+00
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	4.0660e+01	-1.8625e+00	-2.9729e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	6.7121e+01	-7.7411e+00	-9.5670e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	4.2615e+01	2.2213e+00	1.0149e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	1.0216e+02	-2.6726e+01	-1.9147e+01
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	3.0901e+01	1.3048e+01	-1.7529e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	4.7844e+01	-7.6261e+00	-7.0425e+00
	691	0.0000e+00	0.0000e+00	0.0000e+00	6.4430e+01	-6.0009e+00	-9.5751e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	3.3557e+01	-2.1154e+01	-2.0062e+01
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	2.8213e+01	1.6110e+01	-1.0774e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	4.0567e+01	3.7707e-01	-6.7844e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	4.7767e+01	-2.5739e+00	-1.0524e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	2.8334e+01	-1.0154e+01	-1.4514e+01
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	2.8773e+01	1.6804e+01	-4.7185e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	3.9259e+01	4.7253e+00	-3.9798e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	4.2131e+01	2.4596e+00	-7.8785e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	2.7256e+01	-1.1204e+00	-8.6172e+00
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	3.1779e+01	1.5892e+01	1.4721e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	4.1448e+01	6.6866e+00	-2.6692e-01
	685	0.0000e+00	0.0000e+00	0.0000e+00	4.1039e+01	5.5026e+00	-4.4182e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	2.8998e+01	5.3471e+00	-2.6791e+00
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	3.7348e+01	1.3880e+01	8.2912e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	4.6906e+01	6.8019e+00	4.0348e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	4.3392e+01	6.5038e+00	-5.1509e-01

	684	0.0000e+00	0.0000e+00	0.0000e+00	3.3053e+01	9.3443e+00	3.7413e+00
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	4.6476e+01	1.1204e+01	1.6178e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	5.6643e+01	5.5560e+00	8.6001e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	4.9385e+01	5.5889e+00	3.5519e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	3.9829e+01	1.0946e+01	1.1130e+01
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	6.1942e+01	8.7064e+00	2.5676e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	7.3638e+01	4.0324e+00	1.2498e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	6.0643e+01	2.5951e+00	7.0645e+00
	680	0.0000e+00	0.0000e+00	0.0000e+00	5.0758e+01	9.7666e+00	2.0242e+01
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	9.0736e+01	9.6743e+00	3.6155e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	1.0703e+02	9.2574e+00	1.1079e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	8.2353e+01	-3.7668e+00	7.4149e+00
	678	0.0000e+00	0.0000e+00	0.0000e+00	6.9404e+01	3.8040e+00	3.2491e+01
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	2.4573e+02	3.5656e+01	3.8861e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	7.3039e+01	3.6424e+01	-8.4430e+00
	675	0.0000e+00	0.0000e+00	0.0000e+00	1.2442e+02	1.1494e+01	1.0222e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	1.0755e+02	-2.8428e+01	5.7526e+01
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	-1.6358e+02	1.4988e+00	-1.2701e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-6.5557e+01	8.3774e+01	-1.3372e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	-4.5347e+02	-9.3100e+01	-8.6282e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.9930e+01	-1.0484e+02	3.4739e+01
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	-5.4050e+01	2.5319e+01	-9.2936e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	-3.2263e+01	1.2281e+01	-4.0675e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-3.3372e+01	-1.1286e+01	-5.6833e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-1.1628e+02	7.6991e+00	-2.5452e+01
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	-2.6970e+01	1.2797e+01	-1.1124e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	-1.8227e+01	7.9464e+00	-2.1661e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-2.4396e+01	-8.5430e-01	-3.1288e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-4.2067e+01	1.3375e+01	-2.0752e+01
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	-1.6924e+01	1.0285e+01	-6.4168e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-1.3889e+01	6.1167e+00	-1.0326e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	-1.5040e+01	3.1269e+00	-1.6577e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-2.3665e+01	1.1348e+01	-1.2668e+01
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.3650e+01	9.2347e+00	-1.7518e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-1.2299e+01	5.4613e+00	-3.0423e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-1.2713e+01	4.6280e+00	-7.5924e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	-1.5841e+01	9.8721e+00	-6.3019e+00
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	-1.4236e+01	8.9628e+00	2.9492e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-1.2193e+01	4.5509e+00	3.3532e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-1.2094e+01	5.1899e+00	-8.5624e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.3518e+01	9.1203e+00	-1.2602e+00
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	-1.9360e+01	9.1954e+00	8.2657e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.3671e+01	2.8792e+00	1.0846e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	-1.2873e+01	5.3294e+00	5.7620e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	-1.4949e+01	9.0892e+00	3.1814e+00
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	-3.2393e+01	9.5254e+00	1.4539e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-2.0596e+01	-8.4633e-01	2.2100e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.5944e+01	6.0962e+00	1.4853e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-2.1783e+01	1.0087e+01	7.2915e+00
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	-8.5242e+01	3.3527e+00	1.8301e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-2.7805e+01	-1.0310e+01	4.0862e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-2.6424e+01	8.2357e+00	2.9105e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-4.1085e+01	1.7875e+01	6.5430e+00
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.2228e+01	-7.5196e+01	-1.7376e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	-3.2664e+02	-8.3490e+01	6.6495e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-5.2194e+01	5.9579e+01	9.4544e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-1.1740e+02	-4.3018e+00	1.0672e+01
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	-3.6690e+01	-2.9438e+01	1.4554e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-8.8242e+01	-3.0157e+01	1.8655e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-8.3098e+01	-6.6423e+01	8.7656e+00
	654	0.0000e+00	0.0000e+00	0.0000e+00	-3.3558e+01	-4.7544e+01	4.6653e+00
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	-4.1767e+01	1.2439e+01	6.0526e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	-4.8486e+01	1.3311e+01	-7.2982e+00

	664	0.0000e+00	0.0000e+00	0.0000e+00	-7.0076e+01	1.6224e+01	8.0617e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	-4.7123e+01	-1.3344e+01	2.1412e+01
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	-2.7274e+01	1.4343e+01	9.1835e-01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-2.8322e+01	1.4088e+01	-1.0440e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-4.4879e+01	1.4028e+01	-7.2987e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	-3.3642e+01	7.5477e+00	4.0598e+00
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	-1.7567e+01	1.3394e+01	-4.4224e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	-1.8521e+01	1.2053e+01	-6.3531e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	-2.5180e+01	1.1971e+01	-6.9640e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	-2.2837e+01	1.1841e+01	-1.0531e+00
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	-1.3465e+01	1.2118e+01	-1.6691e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.4690e+01	1.0681e+01	-2.3894e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	-1.6995e+01	1.0767e+01	-3.7803e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	-1.5645e+01	1.2087e+01	-1.5578e+00
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.3699e+01	1.1263e+01	5.2184e-01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-1.5175e+01	1.0006e+01	1.1767e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.4394e+01	1.0331e+01	-1.9900e-01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-1.3158e+01	1.1801e+01	-8.5388e-01
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	-1.8005e+01	1.0109e+01	4.4668e-01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-2.0326e+01	9.9603e+00	4.1587e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	-1.6010e+01	1.0498e+01	3.4188e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.4828e+01	1.1816e+01	-2.9320e-01
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	-2.5124e+01	6.0226e+00	-2.7805e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	-3.3934e+01	1.0361e+01	4.9340e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	-2.2463e+01	1.1052e+01	6.8791e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	-2.1025e+01	1.1536e+01	-8.3539e-01
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	-3.4377e+01	-9.5277e+00	-1.3938e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-5.0598e+01	1.0248e+01	-5.0878e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	-3.6530e+01	9.1447e+00	4.9625e+00
	646	0.0000e+00	0.0000e+00	0.0000e+00	-3.0581e+01	9.0022e+00	-3.8881e+00
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	-2.5386e+01	-3.2972e+01	-4.4051e-01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-6.1136e+01	-4.6550e+01	-2.3751e+00
	656	0.0000e+00	0.0000e+00	0.0000e+00	-6.3872e+01	-2.4571e+01	-1.0956e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	-2.6554e+01	-2.1142e+01	-9.0213e+00
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	-8.6842e+00	-1.9700e+01	1.0586e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-3.3820e+01	-2.3915e+01	1.4503e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	-2.7605e+01	-3.8103e+01	6.1014e+00
	643	0.0000e+00	0.0000e+00	0.0000e+00	-6.9929e+00	-2.5668e+01	2.1841e+00
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.4928e+01	-8.1275e-01	1.0537e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-3.1277e+01	5.0266e+00	1.2366e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-2.8917e+01	-1.0605e+01	1.5983e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.3596e+01	-1.1934e+01	1.4154e+01
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	-1.3745e+01	8.7626e+00	6.9461e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	-2.2036e+01	1.1519e+01	3.1106e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	-2.8918e+01	8.7921e+00	8.1339e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.4604e+01	1.5934e+00	1.1969e+01
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	-9.9498e+00	1.1175e+01	3.4581e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	-1.5260e+01	1.2668e+01	3.3065e-02
	651	0.0000e+00	0.0000e+00	0.0000e+00	-2.0269e+01	1.2505e+01	2.9028e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	-1.1854e+01	8.3102e+00	6.3278e+00
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	-7.6211e+00	1.1099e+01	8.4278e-01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-1.2088e+01	1.2230e+01	-7.6518e-01
	650	0.0000e+00	0.0000e+00	0.0000e+00	-1.4267e+01	1.2522e+01	8.5486e-01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-8.6877e+00	1.0442e+01	2.4628e+00
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	-7.5126e+00	1.0136e+01	-1.4691e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.2406e+01	1.1654e+01	-1.1230e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	-1.1875e+01	1.2023e+01	2.5912e-01
	638	0.0000e+00	0.0000e+00	0.0000e+00	-7.3452e+00	1.0802e+01	-8.6911e-02
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	-9.1922e+00	7.8728e+00	-4.3025e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	-1.5902e+01	1.0716e+01	-2.3201e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.2936e+01	1.1441e+01	-2.9174e-01
	637	0.0000e+00	0.0000e+00	0.0000e+00	-8.1571e+00	1.0265e+01	-2.2741e+00
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	-1.0883e+01	2.3978e+00	-8.0117e+00

	646	0.0000e+00	0.0000e+00	0.0000e+00	-2.1548e+01	7.0846e+00	-5.5655e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	-1.7108e+01	9.7207e+00	-2.2565e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	-1.0386e+01	7.8495e+00	-4.7027e+00
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	-1.0238e+01	-7.6113e+00	-8.9440e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	-2.1446e+01	-7.3916e+00	-1.0243e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	-2.3263e+01	4.2226e+00	-8.2096e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	-1.1043e+01	4.1228e-01	-6.9105e+00
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	-6.3441e+00	-1.7098e+01	-1.7162e-01
	644	0.0000e+00	0.0000e+00	0.0000e+00	-2.1564e+01	-2.5951e+01	-2.1884e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	-2.4995e+01	-1.6661e+01	-8.4817e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	-6.9833e+00	-1.3042e+01	-6.4649e+00
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	7.7667e+00	-1.1132e+01	7.1606e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	-6.9543e+00	-1.5137e+01	9.2221e+00
	643	0.0000e+00	0.0000e+00	0.0000e+00	-3.8632e+00	-2.0666e+01	3.3741e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	8.8366e+00	-1.3082e+01	1.3125e+00
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	3.9935e+00	-2.9186e+00	9.8174e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	-9.5120e+00	-1.2630e+00	1.2507e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-5.3877e+00	-1.0007e+01	1.2203e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	5.2970e+00	-7.7498e+00	9.5138e+00
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	1.8966e+00	3.7876e+00	8.1133e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	-8.3702e+00	6.8153e+00	8.5082e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	-8.3138e+00	2.4735e+00	1.1508e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	2.6374e+00	-4.4358e-01	1.1113e+01
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	1.7643e+00	6.9971e+00	4.7228e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	-6.0041e+00	9.8551e+00	3.9912e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	-7.5488e+00	8.5995e+00	7.4533e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	1.8325e+00	4.5962e+00	8.1849e+00
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	2.1108e+00	7.8205e+00	1.0941e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	-4.5590e+00	1.0455e+01	5.7575e-01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-5.5596e+00	1.0408e+01	3.6207e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	2.0653e+00	7.0076e+00	4.1391e+00
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	2.0851e+00	7.2420e+00	-2.3776e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	-4.6169e+00	9.9425e+00	-2.2570e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	-4.5075e+00	1.0455e+01	5.0461e-01
	627	0.0000e+00	0.0000e+00	0.0000e+00	2.2192e+00	7.6829e+00	3.8400e-01
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	1.8606e+00	5.2285e+00	-5.5405e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	-5.6923e+00	8.0536e+00	-5.1129e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	-4.9395e+00	9.4743e+00	-2.4446e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	1.9708e+00	7.0111e+00	-2.8721e+00
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	2.2648e+00	1.2367e+00	-7.5172e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	-6.1537e+00	3.0958e+00	-7.7741e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	-6.3360e+00	6.6779e+00	-5.7128e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	1.9284e+00	4.4517e+00	-5.4558e+00
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	3.8488e+00	-4.3748e+00	-6.1736e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	-4.3656e+00	-6.1120e+00	-7.8688e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	-7.0855e+00	3.5349e-01	-8.2303e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	3.1473e+00	-6.6715e-01	-6.5352e+00
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	5.7306e+00	-8.5053e+00	-5.4918e-01
	633	0.0000e+00	0.0000e+00	0.0000e+00	-4.0376e+00	-1.3459e+01	-1.4942e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	-5.5479e+00	-9.7233e+00	-5.4861e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	5.3335e+00	-6.7655e+00	-4.5411e+00
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	2.0606e+01	-4.7305e+00	5.0452e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	9.7324e+00	-7.8781e+00	6.0743e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	1.1281e+01	-9.7923e+00	1.9370e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	2.1134e+01	-4.7405e+00	9.0793e-01
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	1.8404e+01	-2.1726e+00	7.9761e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	7.3108e+00	-1.8446e+00	9.8559e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	1.0346e+01	-6.0099e+00	8.7606e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	1.9163e+01	-3.5112e+00	6.8808e+00
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	1.6067e+01	8.5067e-01	7.1847e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	6.0809e+00	3.2605e+00	8.5447e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	7.8677e+00	1.8898e-01	1.0283e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	1.7025e+01	-8.4544e-01	8.9226e+00

1965	617	0.0000e+00	0.0000e+00	0.0000e+00	1.4444e+01	2.9868e+00	4.2646e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	5.8663e+00	6.0290e+00	4.9442e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	6.3892e+00	4.6500e+00	7.9954e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	1.5293e+01	1.6452e+00	7.3158e+00
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	1.3502e+01	3.9847e+00	6.6408e-01
	627	0.0000e+00	0.0000e+00	0.0000e+00	5.8603e+00	7.0254e+00	1.0145e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	5.9339e+00	6.7422e+00	4.2830e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	1.4136e+01	3.3053e+00	3.9326e+00
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	1.3032e+01	3.9831e+00	-2.7791e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	5.7002e+00	6.7855e+00	-2.5696e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	5.7357e+00	7.2124e+00	4.4745e-01
	616	0.0000e+00	0.0000e+00	0.0000e+00	1.3419e+01	4.0356e+00	2.3791e-01
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	1.3026e+01	3.0251e+00	-5.4446e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	5.6551e+00	5.1695e+00	-5.5125e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	5.4151e+00	6.4757e+00	-3.0761e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	1.3129e+01	3.7917e+00	-3.0082e+00
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	1.3621e+01	1.1222e+00	-6.4376e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	6.3070e+00	1.7100e+00	-7.0621e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	5.2256e+00	4.2678e+00	-5.8423e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	1.3442e+01	2.4381e+00	-5.2178e+00
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	1.4723e+01	-1.3208e+00	-4.7792e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	7.6155e+00	-3.0700e+00	-5.8425e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	5.7708e+00	2.4386e-01	-6.6471e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	1.4422e+01	8.9251e-02	-5.5838e+00
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	1.5777e+01	-3.1356e+00	-7.6560e-01
	622	0.0000e+00	0.0000e+00	0.0000e+00	7.8207e+00	-6.1646e+00	-1.2515e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	7.1293e+00	-4.5107e+00	-3.8828e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	1.5487e+01	-2.3250e+00	-3.3969e+00
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	3.2846e+01	2.2093e-01	3.9855e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	2.2748e+01	-2.1981e+00	4.3428e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	2.3510e+01	-2.2239e+00	1.1424e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	3.2805e+01	1.6998e+00	7.8504e-01
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	3.1594e+01	-1.1907e+00	6.4322e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	2.1266e+01	-9.3188e-01	7.4629e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	2.3204e+01	-1.9819e+00	6.6063e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	3.1736e+01	-2.5359e-02	5.5756e+00
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	2.9291e+01	-1.2352e+00	5.4756e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	1.9718e+01	8.4682e-01	6.9005e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	2.1565e+01	-2.5331e-01	8.3660e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	3.0320e+01	-1.0756e+00	6.9411e+00
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	2.6858e+01	-3.8996e-01	2.7452e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	1.8362e+01	2.3642e+00	4.1050e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	1.9676e+01	1.6701e+00	6.7907e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	2.8289e+01	-8.9837e-01	5.4309e+00
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	2.5043e+01	5.2787e-01	-3.9443e-01
	616	0.0000e+00	0.0000e+00	0.0000e+00	1.7347e+01	3.3074e+00	5.7987e-01
	617	0.0000e+00	0.0000e+00	0.0000e+00	1.8110e+01	3.0363e+00	3.5371e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	2.6247e+01	-4.4847e-02	2.5628e+00
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	2.4119e+01	1.0868e+00	-3.2279e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	1.6780e+01	3.5437e+00	-2.7588e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	1.7046e+01	3.6579e+00	-5.8660e-02
	605	0.0000e+00	0.0000e+00	0.0000e+00	2.4800e+01	7.6363e-01	-5.2783e-01
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	2.3982e+01	1.2860e+00	-5.2609e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	1.6745e+01	2.9713e+00	-5.2749e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	1.6476e+01	3.5345e+00	-3.2327e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	2.4222e+01	1.1723e+00	-3.2187e+00
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	2.4314e+01	1.3621e+00	-5.8214e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	1.7203e+01	1.6055e+00	-6.1729e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	1.6390e+01	2.6648e+00	-5.3273e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	2.4418e+01	1.2325e+00	-4.9759e+00
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	2.4837e+01	1.4026e+00	-4.2111e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	1.7813e+01	-1.2990e-01	-4.6591e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	1.6775e+01	1.1387e+00	-5.4799e+00

	602	0.0000e+00	0.0000e+00	0.0000e+00	2.4971e+01	1.2330e+00	-5.0319e+00
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	2.5614e+01	9.5894e-01	-6.8393e-01
	611	0.0000e+00	0.0000e+00	0.0000e+00	1.7894e+01	-1.3252e+00	-1.0047e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	1.7489e+01	-5.8239e-01	-3.0809e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	2.5372e+01	1.2481e+00	-2.7602e+00
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	4.6603e+01	4.2411e+00	3.8169e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	3.5219e+01	2.4700e+00	3.5458e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	3.5479e+01	3.9863e+00	7.8032e-01
	599	0.0000e+00	0.0000e+00	0.0000e+00	4.5796e+01	7.6959e+00	1.0514e+00
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	4.5391e+01	-1.2843e+00	5.0156e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	3.4687e+01	-2.5376e-01	5.5677e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	3.5921e+01	1.3477e+00	5.6111e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	4.5272e+01	2.2921e+00	5.0590e+00
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	4.1953e+01	-3.4297e+00	2.7810e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	3.2961e+01	-1.3638e+00	4.6601e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	3.4743e+01	-4.8783e-01	6.5976e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	4.3964e+01	-2.2615e+00	4.7184e+00
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	3.8140e+01	-3.1059e+00	8.4438e-02
	606	0.0000e+00	0.0000e+00	0.0000e+00	3.0598e+01	-9.3420e-01	2.2644e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	3.2398e+01	-7.7866e-01	4.6958e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	4.0741e+01	-3.4255e+00	2.5158e+00
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	3.5426e+01	-2.0014e+00	-2.0920e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	2.8634e+01	2.9210e-02	-5.1787e-01
	606	0.0000e+00	0.0000e+00	0.0000e+00	2.9922e+01	-1.7341e-01	1.7679e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	3.7315e+01	-2.6727e+00	1.9379e-01
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	3.4296e+01	-9.8553e-01	-3.7477e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	2.7612e+01	8.4613e-01	-3.0945e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	2.8161e+01	5.3981e-01	-1.1136e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	3.5065e+01	-1.5544e+00	-1.7667e+00
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	3.4505e+01	-3.3532e-02	-4.9390e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	2.7484e+01	1.4150e+00	-5.0456e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	2.7378e+01	1.0376e+00	-3.4827e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	3.4396e+01	-6.1136e-01	-3.3760e+00
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	3.5205e+01	1.5158e+00	-5.3648e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	2.7776e+01	1.9768e+00	-5.7021e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	2.7304e+01	1.4935e+00	-4.9371e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	3.4996e+01	4.3836e-01	-4.5998e+00
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	3.5558e+01	3.9767e+00	-4.0799e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	2.7941e+01	2.6290e+00	-4.1595e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	2.7405e+01	2.2271e+00	-4.8680e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	3.5934e+01	2.2833e+00	-4.7883e+00
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	3.6431e+01	5.0756e+00	-2.7880e-01
	600	0.0000e+00	0.0000e+00	0.0000e+00	2.7864e+01	2.7130e+00	-5.4736e-01
	601	0.0000e+00	0.0000e+00	0.0000e+00	2.7515e+01	2.9018e+00	-2.7040e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	3.6238e+01	4.8133e+00	-2.4355e+00
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	6.4483e+01	7.1405e+00	4.3062e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	4.9235e+01	6.4151e+00	3.3504e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	4.9166e+01	1.0192e+01	9.7532e-01
	588	0.0000e+00	0.0000e+00	0.0000e+00	6.2623e+01	1.4173e+01	1.9311e+00
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	6.0274e+01	-4.1447e+00	1.8714e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	4.9386e+01	-1.3545e+00	3.2536e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	5.0603e+01	3.5398e+00	5.5614e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	6.1847e+01	1.7565e+00	4.1791e+00
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	5.2628e+01	-5.8327e+00	-2.7101e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	4.5881e+01	-4.2674e+00	1.3542e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	4.8458e+01	-1.6002e+00	4.1474e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	5.8253e+01	-5.5705e+00	8.3140e-02
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	4.6304e+01	-4.5343e+00	-4.2973e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	4.1387e+01	-3.7104e+00	-5.9260e-01
	596	0.0000e+00	0.0000e+00	0.0000e+00	4.4216e+01	-3.1114e+00	1.0911e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	5.0953e+01	-5.6242e+00	-2.6136e+00
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	4.2604e+01	-2.7678e+00	-4.3372e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	3.8223e+01	-2.2282e+00	-2.1066e+00

	595	0.0000e+00	0.0000e+00	0.0000e+00	4.0127e+01	-2.5573e+00	-1.1955e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	4.5202e+01	-3.8234e+00	-3.4261e+00
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	4.1713e+01	-1.4648e+00	-3.8357e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	3.7004e+01	-8.6453e-01	-3.2895e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	3.7643e+01	-1.5775e+00	-2.6840e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	4.2176e+01	-2.1773e+00	-3.2302e+00
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	4.3347e+01	-5.4712e-01	-3.4368e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	3.7480e+01	4.4049e-01	-4.3323e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	3.7069e+01	-7.4018e-01	-3.6691e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	4.1950e+01	-1.0669e+00	-2.7736e+00
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	4.6540e+01	1.0955e+00	-3.5776e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	3.8656e+01	2.4151e+00	-5.1206e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	3.7933e+01	3.6063e-01	-4.2715e+00
	581	0.0000e+00	0.0000e+00	0.0000e+00	4.4149e+01	-2.4036e-03	-2.7285e+00
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	4.8173e+01	6.0175e+00	-3.7147e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	3.9250e+01	5.3877e+00	-4.1723e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	3.8791e+01	2.8907e+00	-4.1765e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	4.7708e+01	2.2692e+00	-3.7190e+00
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	4.9843e+01	1.0448e+01	4.8569e-01
	589	0.0000e+00	0.0000e+00	0.0000e+00	3.8847e+01	7.2073e+00	2.1659e-01
	590	0.0000e+00	0.0000e+00	0.0000e+00	3.8415e+01	6.6917e+00	-2.4971e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	4.9732e+01	8.8294e+00	-2.2280e+00
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	9.2271e+01	5.2200e+00	2.5266e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	6.8265e+01	8.5144e+00	2.4433e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	6.7701e+01	1.7783e+01	2.2863e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	9.2667e+01	2.1389e+01	2.3696e+00
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	7.0835e+01	-9.4957e+00	-1.0936e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	6.6246e+01	-7.5905e+00	-2.0279e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	7.0331e+01	3.2632e+00	5.4775e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	8.4729e+01	-9.7059e+00	-3.4302e+00
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	5.6145e+01	-7.6557e+00	-1.3135e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	5.6032e+01	-7.4447e+00	-4.6795e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	6.1393e+01	-4.6905e+00	-2.8290e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	6.7848e+01	-8.1468e+00	-1.1284e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	4.7474e+01	-3.9549e+00	-1.0375e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	4.8006e+01	-4.8878e+00	-4.9857e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	5.2525e+01	-5.0053e+00	-5.7782e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	5.3832e+01	-4.3676e+00	-1.1168e+01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	4.3372e+01	-1.1404e+00	-6.6622e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	4.3688e+01	-2.4794e+00	-4.0832e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	4.6090e+01	-3.3422e+00	-5.7279e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	4.6175e+01	-1.4216e+00	-8.3069e+00
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	4.3168e+01	4.9895e-01	-2.8283e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	4.2788e+01	-8.2614e-01	-2.7663e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	4.3032e+01	-1.8394e+00	-4.5582e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	4.3049e+01	3.8686e-01	-4.6203e+00
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	4.6867e+01	1.0333e+00	6.3979e-01
	581	0.0000e+00	0.0000e+00	0.0000e+00	4.4955e+01	3.9110e-01	-1.7318e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	4.3256e+01	-1.0279e+00	-3.1446e+00
	565	0.0000e+00	0.0000e+00	0.0000e+00	4.3780e+01	1.1298e+00	-7.7299e-01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	5.5256e+01	7.0109e-01	2.6694e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	4.9199e+01	2.4135e+00	-2.0417e+00
	581	0.0000e+00	0.0000e+00	0.0000e+00	4.6562e+01	-5.5057e-01	-2.0464e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	4.8386e+01	1.1712e+00	2.6647e+00
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	6.5193e+01	1.0256e+00	5.5918e-01
	579	0.0000e+00	0.0000e+00	0.0000e+00	5.4102e+01	7.8992e+00	-4.5747e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	5.1497e+01	1.0300e+00	-1.8208e+00
	561	0.0000e+00	0.0000e+00	0.0000e+00	5.7436e+01	2.4459e+00	3.3130e+00
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	7.2334e+01	1.6703e+01	2.3640e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	5.2896e+01	1.3733e+01	1.0245e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	5.1903e+01	1.0971e+01	-2.0010e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	7.0623e+01	1.3996e+01	-6.6158e-01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	9.4185e+01	-3.0435e+01	-6.1974e+01



	575	0.0000e+00	0.0000e+00	0.0000e+00	1.2082e+02	-9.1619e+00	-1.1322e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	7.9559e+01	3.4070e+01	1.5311e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	2.3768e+02	2.5617e+00	-3.5341e+01
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	5.9912e+01	-2.2778e+00	-3.6095e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	7.3927e+01	-1.5822e+01	-1.2908e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	1.0155e+02	-6.0155e+00	-1.6155e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	7.9093e+01	-1.3125e+01	-3.9342e+01
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	4.4688e+01	4.2301e+00	-2.4286e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	5.3829e+01	-7.5305e+00	-1.3402e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	6.7564e+01	-7.7826e+00	-1.8576e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	5.2919e+01	-9.2897e+00	-2.9459e+01
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	3.7409e+01	7.2127e+00	-1.5453e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	4.4490e+01	-2.7624e+00	-9.9251e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	5.2070e+01	-4.0621e+00	-1.4934e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	4.0986e+01	-4.1095e+00	-2.0462e+01
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	3.4521e+01	8.6115e+00	-7.7955e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	4.0659e+01	2.2785e-01	-5.5123e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	4.4246e+01	-9.2149e-01	-1.0285e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	3.5542e+01	1.5418e-01	-1.2569e+01
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	3.5011e+01	9.1014e+00	-4.4622e-01
	565	0.0000e+00	0.0000e+00	0.0000e+00	4.0894e+01	1.8688e+00	-7.9301e-01
	567	0.0000e+00	0.0000e+00	0.0000e+00	4.1242e+01	1.0413e+00	-5.5130e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	3.3964e+01	3.1628e+00	-5.1662e+00
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	3.9094e+01	9.0320e+00	7.2126e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	4.5263e+01	2.4699e+00	4.0392e+00
	565	0.0000e+00	0.0000e+00	0.0000e+00	4.2270e+01	1.7509e+00	-8.3905e-01
	566	0.0000e+00	0.0000e+00	0.0000e+00	3.5682e+01	4.8565e+00	2.3344e+00
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	4.8593e+01	8.9556e+00	1.5837e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	5.5341e+01	2.5877e+00	8.5447e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	4.7925e+01	1.1153e+00	3.4077e+00
	564	0.0000e+00	0.0000e+00	0.0000e+00	4.1290e+01	4.9281e+00	1.0700e+01
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	6.8975e+01	1.0981e+01	2.5796e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	7.7610e+01	5.9596e+00	9.9647e+00
	561	0.0000e+00	0.0000e+00	0.0000e+00	6.1335e+01	-1.7831e+00	5.5372e+00
	562	0.0000e+00	0.0000e+00	0.0000e+00	5.3296e+01	1.9697e+00	2.1368e+01
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	1.8021e+02	2.9766e+01	3.0139e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	5.7231e+01	2.7712e+01	-2.7395e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	9.1489e+01	6.9634e+00	9.0672e+00
	560	0.0000e+00	0.0000e+00	0.0000e+00	7.9593e+01	-1.8490e+01	4.1946e+01
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	-8.6570e+01	4.0836e+00	-6.9602e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	-3.4476e+01	4.5147e+01	-7.0919e+01
	19	0.0000e+00	0.0000e+00	0.0000e+00	-2.3668e+02	-4.1963e+01	-4.5163e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-1.3455e+01	-5.1944e+01	1.8796e+01
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	-2.8648e+01	1.4503e+01	-5.3839e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	-1.7379e+01	7.7043e+00	-2.1956e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	-1.7999e+01	-3.8768e+00	-3.0509e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-6.1475e+01	6.2747e+00	-1.3937e+01
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	-1.4192e+01	7.2514e+00	-6.3260e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	-9.8753e+00	4.8071e+00	-1.2053e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	-1.3240e+01	6.2472e-01	-1.7062e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-2.2387e+01	8.1074e+00	-1.1335e+01
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	-8.5834e+00	5.3692e+00	-3.9880e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-7.2911e+00	3.3715e+00	-6.3060e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	-8.1243e+00	2.1042e+00	-9.4409e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	-1.2429e+01	6.3193e+00	-7.1229e+00
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	-6.3819e+00	4.3106e+00	-1.8062e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	-6.0601e+00	2.6569e+00	-2.8251e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-6.5511e+00	2.4105e+00	-4.9556e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	-7.9473e+00	4.9792e+00	-3.9368e+00
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	-5.9329e+00	3.6587e+00	2.0896e-01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-5.5184e+00	1.9270e+00	-5.0165e-02
	553	0.0000e+00	0.0000e+00	0.0000e+00	-5.7749e+00	2.2994e+00	-1.8229e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	-6.1994e+00	4.0809e+00	-1.5638e+00

2028	541	0.0000e+00	0.0000e+00	0.0000e+00	-7.2189e+00	3.2041e+00	2.2672e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-5.6486e+00	9.5610e-01	2.8486e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	-5.5984e+00	2.0003e+00	9.4205e-01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-6.0958e+00	3.5307e+00	3.6069e-01
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.1256e+01	2.6924e+00	4.4869e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	-7.7236e+00	-7.5575e-01	6.8043e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-6.3078e+00	1.8655e+00	4.3140e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-7.9948e+00	3.3527e+00	1.9966e+00
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	-2.8226e+01	-3.2746e-01	5.7533e+00
	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.0320e+01	-4.7576e+00	1.3076e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-9.6383e+00	2.1011e+00	9.2377e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.4128e+01	5.2773e+00	1.9152e+00
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	-4.4012e+00	-2.6119e+01	-3.6587e+00
	18	0.0000e+00	0.0000e+00	0.0000e+00	-1.0584e+02	-3.4131e+01	2.2748e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.8672e+01	1.8685e+01	2.9942e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-3.8274e+01	-3.5853e+00	3.5359e+00
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	-2.0683e+01	-1.3160e+01	8.0465e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	-4.7512e+01	-1.2761e+01	9.6058e+00
	548	0.0000e+00	0.0000e+00	0.0000e+00	-4.5370e+01	-3.2349e+01	4.8229e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	-1.9678e+01	-2.2471e+01	3.2636e+00
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	-2.2405e+01	7.8670e+00	3.2936e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	-2.5896e+01	8.4412e+00	-4.3236e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	-3.7934e+01	1.0507e+01	3.8548e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	-2.5740e+01	-5.1268e+00	1.1472e+01
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	-1.4202e+01	8.0373e+00	4.2233e-01
	545	0.0000e+00	0.0000e+00	0.0000e+00	-1.4889e+01	7.9788e+00	-5.8965e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	-2.3888e+01	8.3928e+00	-4.2024e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	-1.7957e+01	4.9769e+00	2.1165e+00
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	-8.6835e+00	6.8942e+00	-4.1228e-01
	544	0.0000e+00	0.0000e+00	0.0000e+00	-9.3389e+00	6.2826e+00	-3.8307e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	-1.3141e+01	6.6097e+00	-4.0724e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	-1.1781e+01	6.4771e+00	-6.5400e-01
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	-6.0270e+00	5.6723e+00	-3.6004e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-6.8021e+00	5.0282e+00	-1.9252e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	-8.4155e+00	5.3868e+00	-2.5487e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	-7.5727e+00	5.9784e+00	-9.8356e-01
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	-5.3705e+00	4.7156e+00	-4.1423e-02
	542	0.0000e+00	0.0000e+00	0.0000e+00	-6.2254e+00	4.1597e+00	-3.1590e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-6.4581e+00	4.5964e+00	-9.2319e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	-5.6918e+00	5.2441e+00	-6.4871e-01
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	-6.3308e+00	3.7163e+00	6.0086e-02
	541	0.0000e+00	0.0000e+00	0.0000e+00	-7.4556e+00	3.5676e+00	9.5717e-01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-6.3524e+00	4.0860e+00	5.9833e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-5.6234e+00	4.6485e+00	-2.9876e-01
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	-8.2762e+00	1.7363e+00	-8.4779e-01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.1536e+01	3.0869e+00	1.3882e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-8.0583e+00	3.6954e+00	1.9405e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-7.2411e+00	3.9514e+00	-2.9543e-01
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	-1.0817e+01	-3.9119e+00	-4.1153e+00
	539	0.0000e+00	0.0000e+00	0.0000e+00	-1.6355e+01	2.2044e+00	-1.6629e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.2323e+01	2.3352e+00	1.3889e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	-9.8988e+00	2.4034e+00	-1.0635e+00
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	-7.6259e+00	-1.1474e+01	8.9162e-01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-1.9268e+01	-1.6025e+01	2.5640e-02
	539	0.0000e+00	0.0000e+00	0.0000e+00	-2.0646e+01	-9.8939e+00	-3.2569e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	-7.9960e+00	-7.9402e+00	-2.3910e+00
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	-5.2756e+00	-8.7215e+00	6.8556e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.8864e+01	-1.0465e+01	8.2739e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	-1.6270e+01	-1.7680e+01	4.3917e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	-5.0073e+00	-1.1730e+01	2.9735e+00
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	-7.9315e+00	5.7867e-01	6.2129e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	-1.6740e+01	3.8821e+00	6.6761e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.6121e+01	-3.7562e+00	8.9513e+00

	525	0.0000e+00	0.0000e+00	0.0000e+00	-7.6152e+00	-4.9618e+00	8.4881e+00
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	-6.8959e+00	4.9675e+00	3.9714e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	-1.1378e+01	6.5203e+00	1.6265e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	-1.5411e+01	5.5973e+00	4.4579e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	-7.5953e+00	1.5388e+00	6.8028e+00
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	-4.6209e+00	5.6953e+00	1.9957e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	-7.4251e+00	6.4793e+00	-5.7077e-02
	534	0.0000e+00	0.0000e+00	0.0000e+00	-1.0390e+01	6.8220e+00	1.5200e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	-5.7993e+00	4.4806e+00	3.5727e+00
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	-3.1116e+00	5.2169e+00	6.6746e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	-5.2977e+00	5.6898e+00	-4.6860e-01
	533	0.0000e+00	0.0000e+00	0.0000e+00	-6.8358e+00	6.2265e+00	3.4587e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	-3.8665e+00	5.0853e+00	1.4819e+00
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	-2.6423e+00	4.3839e+00	-2.8442e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-4.7604e+00	4.8709e+00	-5.3376e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	-5.0749e+00	5.4176e+00	1.2797e-02
	521	0.0000e+00	0.0000e+00	0.0000e+00	-2.8310e+00	4.8214e+00	2.6214e-01
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	-2.9465e+00	3.1226e+00	-1.2078e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-5.5002e+00	3.9588e+00	-7.9227e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-4.8532e+00	4.6196e+00	-1.4884e-01
	520	0.0000e+00	0.0000e+00	0.0000e+00	-2.7549e+00	4.1806e+00	-5.6434e-01
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	-3.3235e+00	8.2319e-01	-2.2386e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	-6.9957e+00	2.1398e+00	-1.6453e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-5.8513e+00	3.4550e+00	-6.9300e-01
	519	0.0000e+00	0.0000e+00	0.0000e+00	-3.2704e+00	2.8843e+00	-1.2863e+00
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	-2.9591e+00	-2.8503e+00	-2.1846e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	-6.6401e+00	-3.1555e+00	-2.7970e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	-7.5274e+00	1.0376e+00	-2.4007e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	-3.3077e+00	-5.2947e-02	-1.7884e+00
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	-1.6676e+00	-6.0996e+00	9.6219e-01
	527	0.0000e+00	0.0000e+00	0.0000e+00	-6.6051e+00	-9.1577e+00	2.8583e-01
	528	0.0000e+00	0.0000e+00	0.0000e+00	-7.7306e+00	-6.1929e+00	-1.9947e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	-1.9072e+00	-4.7313e+00	-1.3183e+00
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	4.4928e+00	-5.1010e+00	5.5414e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	-3.9390e+00	-6.6107e+00	6.2421e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	-2.8202e+00	-9.2232e+00	3.9342e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	4.7882e+00	-6.1591e+00	3.2335e+00
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	2.7087e+00	-1.1156e+00	6.1081e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	-4.7905e+00	1.4202e-01	7.2860e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	-3.0389e+00	-4.0348e+00	7.6753e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	3.3344e+00	-3.5487e+00	6.4974e+00
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	1.6486e+00	2.0664e+00	4.7122e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	-3.9097e+00	3.8206e+00	4.8044e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	-4.1549e+00	1.9722e+00	6.6928e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	2.0799e+00	-1.6108e-02	6.6006e+00
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	1.5097e+00	3.4642e+00	2.7358e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	-2.5024e+00	4.9255e+00	2.3095e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	-3.5073e+00	4.6584e+00	4.2250e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	1.6543e+00	2.3234e+00	4.6513e+00
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	1.5809e+00	3.6868e+00	9.2210e-01
	521	0.0000e+00	0.0000e+00	0.0000e+00	-1.5810e+00	4.8271e+00	6.1658e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	-2.3029e+00	5.1516e+00	2.1134e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	1.6862e+00	3.3256e+00	2.4189e+00
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	1.4659e+00	3.2830e+00	-5.3854e-01
	520	0.0000e+00	0.0000e+00	0.0000e+00	-1.3627e+00	4.2412e+00	-5.4389e-01
	521	0.0000e+00	0.0000e+00	0.0000e+00	-1.5674e+00	4.7976e+00	6.0445e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	1.6599e+00	3.4800e+00	6.0980e-01
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	1.2353e+00	2.3318e+00	-1.6198e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	-1.6066e+00	3.1633e+00	-1.4724e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	-1.5066e+00	4.0308e+00	-5.5906e-01
	509	0.0000e+00	0.0000e+00	0.0000e+00	1.4327e+00	3.0523e+00	-7.0645e-01
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	1.2054e+00	6.9099e-01	-2.0863e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	-1.6961e+00	1.0725e+00	-2.1535e+00

	519	0.0000e+00	0.0000e+00	0.0000e+00	-1.8661e+00	2.6395e+00	-1.5998e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	1.2398e+00	1.9237e+00	-1.5326e+00
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	1.5809e+00	-1.4718e+00	-1.3369e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	-1.0994e+00	-2.3141e+00	-1.8624e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	-2.0385e+00	1.0064e-01	-2.1971e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	1.4592e+00	-7.8444e-02	-1.6716e+00
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	2.0025e+00	-3.0769e+00	7.8028e-01
	516	0.0000e+00	0.0000e+00	0.0000e+00	-9.6539e-01	-4.8686e+00	5.1947e-01
	517	0.0000e+00	0.0000e+00	0.0000e+00	-1.4863e+00	-3.5362e+00	-9.8156e-01
	506	0.0000e+00	0.0000e+00	0.0000e+00	1.9970e+00	-2.3532e+00	-7.2075e-01
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	1.2686e+01	-2.8217e+00	4.3916e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	6.1032e+00	-3.7707e+00	4.9671e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	6.7992e+00	-4.5558e+00	3.7126e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.3151e+01	-3.0186e+00	3.1371e+00
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	1.1179e+01	-1.4823e+00	4.9662e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	4.8530e+00	-8.2428e-01	6.0780e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	6.3589e+00	-2.7325e+00	6.1773e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	1.1917e+01	-2.2712e+00	5.0655e+00
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	9.5001e+00	1.1286e-01	3.9368e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	4.0730e+00	1.6007e+00	4.8618e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	5.0271e+00	2.8164e-01	6.1800e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	1.0413e+01	-8.4292e-01	5.2550e+00
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	8.1109e+00	1.2736e+00	2.1438e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	3.7221e+00	2.8389e+00	2.7745e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	4.0828e+00	2.3871e+00	4.5170e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	9.0231e+00	4.9910e-01	3.8863e+00
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	7.0251e+00	1.8757e+00	3.2804e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	3.4355e+00	3.2041e+00	8.1777e-01
	511	0.0000e+00	0.0000e+00	0.0000e+00	3.5949e+00	3.2945e+00	2.4289e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	7.8542e+00	1.4298e+00	1.9392e+00
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	6.1555e+00	1.9988e+00	-1.1254e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	3.0577e+00	3.0079e+00	-6.9502e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	3.2164e+00	3.4127e+00	5.7515e-01
	499	0.0000e+00	0.0000e+00	0.0000e+00	6.8656e+00	1.9046e+00	1.4473e-01
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	5.5044e+00	1.6786e+00	-2.0106e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	2.7028e+00	2.2658e+00	-1.6970e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	2.7814e+00	3.0009e+00	-8.5662e-01
	498	0.0000e+00	0.0000e+00	0.0000e+00	6.0586e+00	1.9227e+00	-1.1702e+00
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	5.1389e+00	9.1715e-01	-2.0965e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	2.5993e+00	8.5415e-01	-2.0125e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	2.3968e+00	2.0195e+00	-1.7541e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	5.5107e+00	1.4443e+00	-1.8380e+00
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	5.0448e+00	-1.4683e-01	-1.1841e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	2.7457e+00	-1.0128e+00	-1.2976e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	2.2956e+00	3.8522e-01	-1.7948e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	5.2658e+00	5.0457e-01	-1.6812e+00
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	4.9738e+00	-1.0770e+00	4.6815e-01
	505	0.0000e+00	0.0000e+00	0.0000e+00	2.6184e+00	-2.2956e+00	4.9918e-01
	506	0.0000e+00	0.0000e+00	0.0000e+00	2.5086e+00	-1.4933e+00	-5.8267e-01
	495	0.0000e+00	0.0000e+00	0.0000e+00	5.1462e+00	-5.6785e-01	-6.1371e-01
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	2.0621e+01	-1.4117e+00	3.2043e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	1.4444e+01	-1.9183e+00	3.8919e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.5204e+01	-1.8348e+00	3.1736e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	2.1248e+01	-9.1793e-01	2.4860e+00
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	1.9022e+01	-1.8416e+00	3.4560e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	1.3127e+01	-1.1524e+00	4.5269e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	1.4461e+01	-1.5861e+00	4.8212e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	1.9850e+01	-1.4799e+00	3.7503e+00
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	1.6830e+01	-1.4869e+00	2.2618e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	1.1670e+01	-1.2079e-01	3.5946e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	1.3022e+01	-5.8523e-01	4.8311e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	1.8168e+01	-1.6698e+00	3.4983e+00
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	1.4523e+01	-6.4295e-01	5.1309e-01

	500	0.0000e+00	0.0000e+00	0.0000e+00	1.0232e+01	8.0178e-01	1.8560e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	1.1358e+01	5.3594e-01	3.4465e+00
	490	0.0000e+00	0.0000e+00	0.0000e+00	1.6107e+01	-1.1713e+00	2.1035e+00
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	1.2496e+01	2.3150e-01	-1.0991e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	8.9188e+00	1.4435e+00	7.4358e-02
	500	0.0000e+00	0.0000e+00	0.0000e+00	9.8000e+00	1.3902e+00	1.5445e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	1.3983e+01	-3.1141e-01	3.7105e-01
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	1.0896e+01	8.8429e-01	-2.2624e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	7.8058e+00	1.7342e+00	-1.3294e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	8.4645e+00	1.8737e+00	-2.0979e-01
	488	0.0000e+00	0.0000e+00	0.0000e+00	1.2120e+01	5.0465e-01	-1.1428e+00
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	9.7052e+00	1.2575e+00	-2.8235e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	6.9511e+00	1.6250e+00	-2.1398e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	7.3717e+00	1.9815e+00	-1.4923e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	1.0665e+01	1.0659e+00	-2.1761e+00
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	8.8447e+00	1.3638e+00	-2.6223e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	6.3716e+00	1.1014e+00	-2.1619e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	6.5418e+00	1.7002e+00	-2.1081e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	9.6039e+00	1.3313e+00	-2.5686e+00
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	8.2555e+00	1.1608e+00	-1.5671e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	5.9747e+00	2.9258e-01	-1.2707e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	6.0033e+00	1.0358e+00	-1.8551e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	8.8252e+00	1.3258e+00	-2.1515e+00
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	7.8870e+00	5.3277e-01	3.3359e-02
	494	0.0000e+00	0.0000e+00	0.0000e+00	5.5559e+00	-4.6056e-01	2.6498e-01
	495	0.0000e+00	0.0000e+00	0.0000e+00	5.7202e+00	1.4445e-01	-6.7877e-01
	484	0.0000e+00	0.0000e+00	0.0000e+00	8.1902e+00	1.0214e+00	-9.1038e-01
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	2.9068e+01	-5.2085e-01	1.9213e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	2.2444e+01	-6.6685e-01	2.7044e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	2.3412e+01	1.3134e-01	2.1589e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	2.9681e+01	1.0663e+00	1.3758e+00
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	2.6939e+01	-2.8353e+00	1.4913e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	2.1062e+01	-1.7011e+00	2.7043e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	2.2444e+01	-9.0846e-01	3.4868e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	2.8004e+01	-1.3250e+00	2.2738e+00
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	2.3672e+01	-3.1994e+00	-4.0692e-01
	490	0.0000e+00	0.0000e+00	0.0000e+00	1.8987e+01	-1.8081e+00	1.5243e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	2.0682e+01	-1.4480e+00	3.0276e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	2.5874e+01	-3.0360e+00	1.0964e+00
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	2.0229e+01	-2.2647e+00	-2.1594e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	1.6533e+01	-1.0830e+00	-6.1989e-02
	490	0.0000e+00	0.0000e+00	0.0000e+00	1.8269e+01	-1.1164e+00	1.4138e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	2.2727e+01	-2.8593e+00	-6.8367e-01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	1.7336e+01	-9.8111e-01	-3.3082e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	1.4252e+01	-1.0791e-01	-1.5059e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	1.5755e+01	-3.0654e-01	-3.5912e-01
	478	0.0000e+00	0.0000e+00	0.0000e+00	1.9471e+01	-1.7059e+00	-2.1615e+00
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	1.5199e+01	1.7207e-01	-3.9050e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	1.2425e+01	7.2865e-01	-2.5457e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	1.3577e+01	5.3198e-01	-1.7771e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	1.6790e+01	-4.3466e-01	-3.1364e+00
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	1.3709e+01	1.1232e+00	-4.0119e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	1.1057e+01	1.3118e+00	-3.0392e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	1.1874e+01	1.1865e+00	-2.6674e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	1.4855e+01	6.3814e-01	-3.6401e+00
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	1.2594e+01	1.9776e+00	-3.5568e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	1.0014e+01	1.6432e+00	-2.8131e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	1.0578e+01	1.6393e+00	-2.9285e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	1.3531e+01	1.5339e+00	-3.6723e+00
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	1.1673e+01	2.6153e+00	-2.3400e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	9.1566e+00	1.6643e+00	-1.7252e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	9.5574e+00	1.8896e+00	-2.4328e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	1.2513e+01	2.3411e+00	-3.0477e+00

2091	472	0.0000e+00	0.0000e+00	0.0000e+00	1.1217e+01	2.1737e+00	-4.4936e-01
	483	0.0000e+00	0.0000e+00	0.0000e+00	8.4713e+00	1.1613e+00	-1.0860e-01
	484	0.0000e+00	0.0000e+00	0.0000e+00	8.8146e+00	1.7328e+00	-1.1559e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	1.1561e+01	2.7961e+00	-1.4967e+00
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	3.8928e+01	-1.7794e-01	5.5541e-01
	481	0.0000e+00	0.0000e+00	0.0000e+00	3.0839e+01	1.9709e-01	1.2775e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	3.2040e+01	2.1899e+00	8.1654e-01
	471	0.0000e+00	0.0000e+00	0.0000e+00	3.9185e+01	3.4785e+00	9.4451e-02
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	3.4783e+01	-5.2161e+00	-1.8213e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	2.9319e+01	-3.2385e+00	1.6714e-01
	481	0.0000e+00	0.0000e+00	0.0000e+00	3.1080e+01	-8.7637e-01	2.1022e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	3.7035e+01	-2.7337e+00	1.1377e-01
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	2.9027e+01	-4.9572e+00	-4.8799e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	2.5856e+01	-3.8798e+00	-1.5389e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	2.8303e+01	-2.8339e+00	3.5916e-01
	469	0.0000e+00	0.0000e+00	0.0000e+00	3.3323e+01	-5.5182e+00	-2.9819e+00
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	2.4103e+01	-3.2082e+00	-6.0052e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	2.1917e+01	-2.7118e+00	-2.9149e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	2.4481e+01	-2.7621e+00	-1.8507e+00
	468	0.0000e+00	0.0000e+00	0.0000e+00	2.7777e+01	-4.3749e+00	-4.9410e+00
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	2.0536e+01	-1.3354e+00	-6.0934e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	1.8671e+01	-1.1567e+00	-3.7615e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	2.0773e+01	-1.6337e+00	-3.2912e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	2.3141e+01	-2.3872e+00	-5.6231e+00
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	1.8279e+01	2.0933e-01	-5.6996e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	1.6362e+01	2.2316e-01	-4.1584e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	1.7862e+01	-3.5110e-01	-4.0263e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	1.9889e+01	-5.9919e-01	-5.5674e+00
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	1.7088e+01	1.4461e+00	-5.0948e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	1.4840e+01	1.3783e+00	-4.1870e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	1.5837e+01	7.6134e-01	-4.2474e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	1.7923e+01	8.1313e-01	-5.1551e+00
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	1.6538e+01	2.6817e+00	-4.3653e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	1.3742e+01	2.4404e+00	-3.7884e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	1.4477e+01	1.7682e+00	-4.0328e+00
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.6967e+01	2.0112e+00	-4.6097e+00
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	1.5761e+01	4.3334e+00	-3.2640e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	1.2719e+01	3.2775e+00	-2.5639e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	1.3335e+01	2.8674e+00	-3.2994e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	1.6559e+01	3.2692e+00	-3.9996e+00
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	1.5643e+01	4.4004e+00	-8.0613e-01
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.1761e+01	2.9977e+00	-4.7855e-01
	473	0.0000e+00	0.0000e+00	0.0000e+00	1.2211e+01	3.6407e+00	-1.8865e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	1.5854e+01	5.0284e+00	-2.2141e+00
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	5.2325e+01	-3.3004e+00	-2.2990e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	4.1128e+01	4.2955e-02	-1.0778e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	4.2053e+01	5.1097e+00	-3.9754e-01
	460	0.0000e+00	0.0000e+00	0.0000e+00	5.3865e+01	7.1050e+00	-1.6187e+00
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	3.9030e+01	-9.2199e+00	-1.0459e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	3.8004e+01	-7.3974e+00	-4.3457e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	4.1376e+01	-2.2093e+00	1.1599e-01
	458	0.0000e+00	0.0000e+00	0.0000e+00	4.7998e+01	-9.2290e+00	-5.9973e+00
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	2.9859e+01	-6.6208e+00	-1.1915e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	3.0756e+01	-5.9758e+00	-6.3202e+00
	469	0.0000e+00	0.0000e+00	0.0000e+00	3.4742e+01	-5.2707e+00	-5.1366e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	3.7165e+01	-6.9714e+00	-1.0732e+01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	2.4020e+01	-3.3771e+00	-1.0670e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	2.4908e+01	-3.4668e+00	-6.8033e+00
	468	0.0000e+00	0.0000e+00	0.0000e+00	2.8368e+01	-4.1956e+00	-7.1063e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	2.8364e+01	-3.6848e+00	-1.0973e+01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	2.0520e+01	-8.1999e-01	-8.9057e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	2.1018e+01	-1.2057e+00	-6.4791e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	2.3401e+01	-2.2136e+00	-7.2713e+00

	452	0.0000e+00	0.0000e+00	0.0000e+00	2.3035e+01	-1.0295e+00	-9.6979e+00
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	1.8806e+01	1.0231e+00	-7.0552e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	1.8743e+01	5.5406e-01	-5.7806e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	2.0134e+01	-4.2529e-01	-6.6988e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	1.9988e+01	9.2530e-01	-7.9734e+00
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	1.8634e+01	2.2895e+00	-5.2899e+00
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.7743e+01	1.9644e+00	-4.9823e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	1.8330e+01	9.5268e-01	-5.8364e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	1.8669e+01	2.3203e+00	-6.1440e+00
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	2.0008e+01	3.1274e+00	-3.8648e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	1.7512e+01	3.3908e+00	-4.3450e+00
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.7705e+01	2.0750e+00	-4.8798e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	1.8847e+01	3.3984e+00	-4.3996e+00
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	2.1613e+01	3.8425e+00	-3.3124e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	1.7592e+01	5.2576e+00	-3.8823e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	1.7583e+01	3.3350e+00	-3.9287e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	2.0471e+01	4.8419e+00	-3.3588e+00
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	2.3342e+01	6.7132e+00	-7.4483e-01
	461	0.0000e+00	0.0000e+00	0.0000e+00	1.6154e+01	5.6800e+00	-8.0955e-01
	462	0.0000e+00	0.0000e+00	0.0000e+00	1.6297e+01	6.2294e+00	-2.7875e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	2.3068e+01	9.1162e+00	-2.7228e+00
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	4.8633e+01	-1.6794e+01	-3.7884e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	6.5899e+01	-1.1390e+01	-9.4491e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	4.8407e+01	1.2876e+01	5.5258e+00
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.2352e+02	-1.1398e+01	-2.2909e+01
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	3.0441e+01	-1.7628e+00	-2.4374e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	3.9369e+01	-1.2358e+01	-1.1243e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	5.6122e+01	-8.1473e+00	-1.2823e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	4.0190e+01	-1.5610e+01	-2.5954e+01
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	2.2157e+01	2.3073e+00	-1.8383e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	2.7749e+01	-6.3710e+00	-1.1940e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	3.6600e+01	-7.3695e+00	-1.4539e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	2.6310e+01	-1.0897e+01	-2.0982e+01
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	1.7947e+01	4.4898e+00	-1.4045e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	2.1886e+01	-2.5919e+00	-1.0456e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	2.7264e+01	-3.9624e+00	-1.2910e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	1.9814e+01	-6.1813e+00	-1.6499e+01
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	1.5897e+01	5.8562e+00	-1.0420e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	1.8795e+01	5.3834e-02	-8.4701e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	2.2048e+01	-1.1204e+00	-1.0728e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	1.6580e+01	-2.4486e+00	-1.2677e+01
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	1.5388e+01	6.8638e+00	-7.0846e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	1.7538e+01	1.9183e+00	-6.3365e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	1.9257e+01	9.6597e-01	-8.4796e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	1.5179e+01	2.6785e-01	-9.2278e+00
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	1.6361e+01	7.7944e+00	-3.7614e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	1.7889e+01	3.2647e+00	-4.1397e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	1.8277e+01	2.3974e+00	-6.2664e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	1.5209e+01	2.0826e+00	-5.8882e+00
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	1.9349e+01	8.9880e+00	-1.6375e-01
	444	0.0000e+00	0.0000e+00	0.0000e+00	2.0138e+01	4.3847e+00	-1.9692e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	1.9080e+01	3.2863e+00	-4.1590e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	1.6763e+01	3.0226e+00	-2.3535e+00
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	2.6070e+01	1.1354e+01	4.0035e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	2.5904e+01	6.3313e+00	-4.3701e-01
	444	0.0000e+00	0.0000e+00	0.0000e+00	2.2402e+01	3.5085e+00	-2.5521e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	2.0609e+01	2.6774e+00	1.8884e+00
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	6.0769e+01	2.0283e+01	7.7972e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	1.7019e+01	1.1150e+01	-1.2450e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	3.0254e+01	7.7983e+00	1.5503e-01
	443	0.0000e+00	0.0000e+00	0.0000e+00	2.9284e+01	-4.1098e+00	9.1973e+00
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	3.8273e+01	3.5853e+00	3.5358e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	1.8672e+01	-1.8685e+01	2.9942e+01

	16	0.0000e+00	0.0000e+00	0.0000e+00	1.0584e+02	3.4130e+01	2.2747e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	4.4007e+00	2.6118e+01	-3.6587e+00
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	1.4127e+01	-5.2774e+00	1.9152e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	9.6378e+00	-2.1011e+00	9.2376e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	1.0319e+01	4.7575e+00	1.3076e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	2.8225e+01	3.2743e-01	5.7532e+00
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	7.9943e+00	-3.3528e+00	1.9966e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	6.3073e+00	-1.8657e+00	4.3140e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	7.7230e+00	7.5563e-01	6.8042e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	1.1256e+01	-2.6925e+00	4.4869e+00
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	6.0953e+00	-3.5308e+00	3.6074e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	5.5978e+00	-2.0005e+00	9.4209e-01
	438	0.0000e+00	0.0000e+00	0.0000e+00	5.6481e+00	-9.5625e-01	2.8486e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	7.2184e+00	-3.2042e+00	2.2672e+00
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	6.1990e+00	-4.0811e+00	-1.5637e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	5.7744e+00	-2.2995e+00	-1.8228e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	5.5179e+00	-1.9272e+00	-5.0099e-02
	427	0.0000e+00	0.0000e+00	0.0000e+00	5.9324e+00	-3.6589e+00	2.0903e-01
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	7.9468e+00	-4.9794e+00	-3.9367e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	6.5505e+00	-2.4107e+00	-4.9555e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	6.0595e+00	-2.6571e+00	-2.8250e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	6.3814e+00	-4.3107e+00	-1.8061e+00
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	1.2428e+01	-6.3194e+00	-7.1227e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	8.1238e+00	-2.1044e+00	-9.4407e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	7.2905e+00	-3.3717e+00	-6.3059e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	8.5829e+00	-5.3693e+00	-3.9878e+00
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	2.2386e+01	-8.1075e+00	-1.1335e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	1.3239e+01	-6.2485e-01	-1.7062e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	9.8747e+00	-4.8073e+00	-1.2053e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	1.4192e+01	-7.2515e+00	-6.3258e+00
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	6.1475e+01	-6.2748e+00	-1.3937e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	1.7999e+01	3.8767e+00	-3.0509e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	1.7379e+01	-7.7044e+00	-2.1956e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	2.8647e+01	-1.4503e+01	-5.3836e+00
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	1.3455e+01	5.1944e+01	1.8796e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	2.3668e+02	4.1963e+01	-4.5163e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	3.4476e+01	-4.5147e+01	-7.0919e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	8.6570e+01	-4.0836e+00	-6.9599e+00
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	7.9954e+00	7.9401e+00	-2.3909e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	2.0646e+01	9.8938e+00	-3.2569e+00
	431	0.0000e+00	0.0000e+00	0.0000e+00	1.9268e+01	1.6025e+01	2.5635e-02
	420	0.0000e+00	0.0000e+00	0.0000e+00	7.6253e+00	1.1474e+01	8.9162e-01
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	9.8983e+00	-2.4034e+00	-1.0635e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	1.2322e+01	-2.3352e+00	1.3888e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	1.6354e+01	-2.2044e+00	-1.6629e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	1.0816e+01	3.9118e+00	-4.1152e+00
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	7.2406e+00	-3.9515e+00	-2.9537e-01
	428	0.0000e+00	0.0000e+00	0.0000e+00	8.0578e+00	-3.6955e+00	1.9405e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	1.1536e+01	-3.0870e+00	1.3882e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	8.2757e+00	-1.7363e+00	-8.4774e-01
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	5.6229e+00	-4.6485e+00	-2.9866e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	6.3519e+00	-4.0861e+00	5.9839e-01
	428	0.0000e+00	0.0000e+00	0.0000e+00	7.4551e+00	-3.5677e+00	9.5721e-01
	417	0.0000e+00	0.0000e+00	0.0000e+00	6.3303e+00	-3.7164e+00	6.0155e-02
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	5.6914e+00	-5.2442e+00	-6.4858e-01
	426	0.0000e+00	0.0000e+00	0.0000e+00	6.4577e+00	-4.5966e+00	-9.2308e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	6.2249e+00	-4.1598e+00	-3.1582e-01
	416	0.0000e+00	0.0000e+00	0.0000e+00	5.3701e+00	-4.7156e+00	-4.1316e-02
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	7.5724e+00	-5.9785e+00	-9.8338e-01
	425	0.0000e+00	0.0000e+00	0.0000e+00	8.4151e+00	-5.3870e+00	-2.5486e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	6.8017e+00	-5.0283e+00	-1.9251e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	6.0267e+00	-5.6724e+00	-3.5989e-01
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	1.1781e+01	-6.4773e+00	-6.5378e-01



	424	0.0000e+00	0.0000e+00	0.0000e+00	1.3141e+01	-6.6098e+00	-4.0722e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	9.3385e+00	-6.2828e+00	-3.8305e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	8.6831e+00	-6.8943e+00	-4.1209e-01
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	1.7956e+01	-4.9770e+00	2.1167e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	2.3888e+01	-8.3929e+00	-4.2021e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	1.4889e+01	-7.9789e+00	-5.8963e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.4202e+01	-8.0374e+00	4.2257e-01
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	2.5740e+01	5.1267e+00	1.1472e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	3.7934e+01	-1.0507e+01	3.8550e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	2.5895e+01	-8.4412e+00	-4.3234e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	2.2404e+01	-7.8670e+00	3.2938e+00
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	1.9678e+01	2.2471e+01	3.2639e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	4.5369e+01	3.2348e+01	4.8231e+00
	422	0.0000e+00	0.0000e+00	0.0000e+00	4.7512e+01	1.2761e+01	9.6061e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	2.0682e+01	1.3160e+01	8.0468e+00
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	1.9066e+00	4.7313e+00	-1.3183e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	7.7300e+00	6.1928e+00	-1.9947e+00
	420	0.0000e+00	0.0000e+00	0.0000e+00	6.6045e+00	9.1576e+00	2.8584e-01
	409	0.0000e+00	0.0000e+00	0.0000e+00	1.6670e+00	6.0996e+00	9.6222e-01
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	3.3072e+00	5.2928e-02	-1.7883e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	7.5269e+00	-1.0376e+00	-2.4007e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	6.6396e+00	3.1555e+00	-2.7969e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	2.9585e+00	2.8503e+00	-2.1845e+00
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	3.2700e+00	-2.8843e+00	-1.2862e+00
	417	0.0000e+00	0.0000e+00	0.0000e+00	5.8509e+00	-3.4550e+00	-6.9292e-01
	418	0.0000e+00	0.0000e+00	0.0000e+00	6.9952e+00	-2.1398e+00	-1.6453e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	3.3230e+00	-8.2322e-01	-2.2385e+00
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	2.7545e+00	-4.1806e+00	-5.6418e-01
	416	0.0000e+00	0.0000e+00	0.0000e+00	4.8528e+00	-4.6196e+00	-1.4873e-01
	417	0.0000e+00	0.0000e+00	0.0000e+00	5.4998e+00	-3.9589e+00	-7.9219e-01
	406	0.0000e+00	0.0000e+00	0.0000e+00	2.9461e+00	-3.1227e+00	-1.2076e+00
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	2.8307e+00	-4.8215e+00	2.6233e-01
	415	0.0000e+00	0.0000e+00	0.0000e+00	5.0746e+00	-5.4177e+00	1.2945e-02
	416	0.0000e+00	0.0000e+00	0.0000e+00	4.7600e+00	-4.8709e+00	-5.3363e-01
	405	0.0000e+00	0.0000e+00	0.0000e+00	2.6419e+00	-4.3839e+00	-2.8424e-01
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	3.8663e+00	-5.0853e+00	1.4822e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	6.8355e+00	-6.2266e+00	3.4606e-01
	415	0.0000e+00	0.0000e+00	0.0000e+00	5.2974e+00	-5.6899e+00	-4.6843e-01
	404	0.0000e+00	0.0000e+00	0.0000e+00	3.1113e+00	-5.2170e+00	6.6767e-01
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	5.7992e+00	-4.4807e+00	3.5730e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.0390e+01	-6.8221e+00	1.5202e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	7.4249e+00	-6.4794e+00	-5.6864e-02
	403	0.0000e+00	0.0000e+00	0.0000e+00	4.6207e+00	-5.6953e+00	1.9960e+00
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	7.5953e+00	-1.5389e+00	6.8031e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.5411e+01	-5.5974e+00	4.4582e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.1378e+01	-6.5204e+00	1.6268e+00
	402	0.0000e+00	0.0000e+00	0.0000e+00	6.8958e+00	-4.9675e+00	3.9717e+00
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	7.6153e+00	4.9618e+00	8.4885e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.6121e+01	3.7562e+00	8.9516e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.6740e+01	-3.8821e+00	6.6764e+00
	401	0.0000e+00	0.0000e+00	0.0000e+00	7.9316e+00	-5.7872e-01	6.2133e+00
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	5.0077e+00	1.1730e+01	2.9739e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.6270e+01	1.7680e+01	4.3921e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.8864e+01	1.0465e+01	8.2742e+00
	400	0.0000e+00	0.0000e+00	0.0000e+00	5.2758e+00	8.7214e+00	6.8561e+00
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.9976e+00	2.3532e+00	-7.2062e-01
	408	0.0000e+00	0.0000e+00	0.0000e+00	1.4857e+00	3.5362e+00	-9.8147e-01
	409	0.0000e+00	0.0000e+00	0.0000e+00	9.6477e-01	4.8686e+00	5.1952e-01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-2.0031e+00	3.0769e+00	7.8037e-01
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.4598e+00	7.8464e-02	-1.6714e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	2.0380e+00	-1.0064e-01	-2.1970e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	1.0989e+00	2.3141e+00	-1.8623e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.5815e+00	1.4719e+00	-1.3367e+00

2154 395 0.0000e+00 0.0000e+00 0.0000e+00 -1.2402e+00 -1.9237e+00 -1.5324e+00  
406 0.0000e+00 0.0000e+00 0.0000e+00 1.8656e+00 -2.6395e+00 -1.5996e+00  
407 0.0000e+00 0.0000e+00 0.0000e+00 1.6956e+00 -1.0726e+00 -2.1533e+00  
396 0.0000e+00 0.0000e+00 0.0000e+00 -1.2059e+00 -6.9098e-01 -2.0861e+00

2155 394 0.0000e+00 0.0000e+00 0.0000e+00 -1.4330e+00 -3.0523e+00 -7.0618e-01  
405 0.0000e+00 0.0000e+00 0.0000e+00 1.5063e+00 -4.0308e+00 -5.5888e-01  
406 0.0000e+00 0.0000e+00 0.0000e+00 1.6062e+00 -3.1634e+00 -1.4722e+00  
395 0.0000e+00 0.0000e+00 0.0000e+00 -1.2357e+00 -2.3318e+00 -1.6195e+00

2156 393 0.0000e+00 0.0000e+00 0.0000e+00 -1.6600e+00 -3.4800e+00 6.1010e-01  
404 0.0000e+00 0.0000e+00 0.0000e+00 1.5672e+00 -4.7976e+00 6.0468e-01  
405 0.0000e+00 0.0000e+00 0.0000e+00 1.3624e+00 -4.2413e+00 -5.4368e-01  
394 0.0000e+00 0.0000e+00 0.0000e+00 -1.4662e+00 -3.2831e+00 -5.3826e-01

2157 392 0.0000e+00 0.0000e+00 0.0000e+00 -1.6862e+00 -3.3256e+00 2.4192e+00  
403 0.0000e+00 0.0000e+00 0.0000e+00 2.3028e+00 -5.1516e+00 2.1136e+00  
404 0.0000e+00 0.0000e+00 0.0000e+00 1.5808e+00 -4.8272e+00 6.1682e-01  
393 0.0000e+00 0.0000e+00 0.0000e+00 -1.5811e+00 -3.6868e+00 9.2242e-01

2158 391 0.0000e+00 0.0000e+00 0.0000e+00 -1.6542e+00 -2.3234e+00 4.6517e+00  
402 0.0000e+00 0.0000e+00 0.0000e+00 3.5073e+00 -4.6585e+00 4.2254e+00  
403 0.0000e+00 0.0000e+00 0.0000e+00 2.5022e+00 -4.9256e+00 2.3098e+00  
392 0.0000e+00 0.0000e+00 0.0000e+00 -1.5097e+00 -3.4642e+00 2.7361e+00

2159 390 0.0000e+00 0.0000e+00 0.0000e+00 -2.0796e+00 1.6132e-02 6.6010e+00  
401 0.0000e+00 0.0000e+00 0.0000e+00 4.1549e+00 -1.9722e+00 6.6932e+00  
402 0.0000e+00 0.0000e+00 0.0000e+00 3.9097e+00 -3.8206e+00 4.8047e+00  
391 0.0000e+00 0.0000e+00 0.0000e+00 -1.6484e+00 -2.0664e+00 4.7126e+00

2160 389 0.0000e+00 0.0000e+00 0.0000e+00 -3.3340e+00 3.5487e+00 6.4980e+00  
400 0.0000e+00 0.0000e+00 0.0000e+00 3.0391e+00 4.0348e+00 7.6757e+00  
401 0.0000e+00 0.0000e+00 0.0000e+00 4.7906e+00 -1.4205e-01 7.2864e+00  
390 0.0000e+00 0.0000e+00 0.0000e+00 -2.7084e+00 1.1156e+00 6.1086e+00

2161 388 0.0000e+00 0.0000e+00 0.0000e+00 -4.7876e+00 6.1591e+00 3.2342e+00  
399 0.0000e+00 0.0000e+00 0.0000e+00 2.8206e+00 9.2232e+00 3.9347e+00  
400 0.0000e+00 0.0000e+00 0.0000e+00 3.9392e+00 6.6107e+00 6.2426e+00  
389 0.0000e+00 0.0000e+00 0.0000e+00 -4.4923e+00 5.1010e+00 5.5421e+00

2162 386 0.0000e+00 0.0000e+00 0.0000e+00 -5.1469e+00 5.6794e-01 -6.1349e-01  
397 0.0000e+00 0.0000e+00 0.0000e+00 -2.5092e+00 1.4933e+00 -5.8251e-01  
398 0.0000e+00 0.0000e+00 0.0000e+00 -2.6191e+00 2.2956e+00 4.9928e-01  
387 0.0000e+00 0.0000e+00 0.0000e+00 -4.9745e+00 1.0771e+00 4.6831e-01

2163 385 0.0000e+00 0.0000e+00 0.0000e+00 -5.2663e+00 -5.0449e-01 -1.6809e+00  
396 0.0000e+00 0.0000e+00 0.0000e+00 -2.2961e+00 -3.8518e-01 -1.7945e+00  
397 0.0000e+00 0.0000e+00 0.0000e+00 -2.7463e+00 1.0128e+00 -1.2974e+00  
386 0.0000e+00 0.0000e+00 0.0000e+00 -5.0454e+00 1.4692e-01 -1.1838e+00

2164 384 0.0000e+00 0.0000e+00 0.0000e+00 -5.5112e+00 -1.4443e+00 -1.8377e+00  
395 0.0000e+00 0.0000e+00 0.0000e+00 -2.3973e+00 -2.0195e+00 -1.7538e+00  
396 0.0000e+00 0.0000e+00 0.0000e+00 -2.5998e+00 -8.5413e-01 -2.0123e+00  
385 0.0000e+00 0.0000e+00 0.0000e+00 -5.1394e+00 -9.1708e-01 -2.0962e+00

2165 383 0.0000e+00 0.0000e+00 0.0000e+00 -6.0589e+00 -1.9227e+00 -1.1698e+00  
394 0.0000e+00 0.0000e+00 0.0000e+00 -2.7817e+00 -3.0009e+00 -8.5632e-01  
395 0.0000e+00 0.0000e+00 0.0000e+00 -2.7031e+00 -2.2658e+00 -1.6967e+00  
384 0.0000e+00 0.0000e+00 0.0000e+00 -5.5048e+00 -1.6785e+00 -2.0102e+00

2166 382 0.0000e+00 0.0000e+00 0.0000e+00 -6.8657e+00 -1.9046e+00 1.4518e-01  
393 0.0000e+00 0.0000e+00 0.0000e+00 -3.2165e+00 -3.4127e+00 5.7549e-01  
394 0.0000e+00 0.0000e+00 0.0000e+00 -3.0580e+00 -3.0079e+00 -6.9470e-01  
383 0.0000e+00 0.0000e+00 0.0000e+00 -6.1557e+00 -1.9988e+00 -1.1250e+00

2167 381 0.0000e+00 0.0000e+00 0.0000e+00 -7.8541e+00 -1.4297e+00 1.9397e+00  
392 0.0000e+00 0.0000e+00 0.0000e+00 -3.5949e+00 -3.2944e+00 2.4293e+00  
393 0.0000e+00 0.0000e+00 0.0000e+00 -3.4357e+00 -3.2041e+00 8.1813e-01  
382 0.0000e+00 0.0000e+00 0.0000e+00 -7.0251e+00 -1.8757e+00 3.2852e-01

2168 380 0.0000e+00 0.0000e+00 0.0000e+00 -9.0229e+00 -4.9901e-01 3.8869e+00  
391 0.0000e+00 0.0000e+00 0.0000e+00 -4.0827e+00 -2.3871e+00 4.5175e+00  
392 0.0000e+00 0.0000e+00 0.0000e+00 -3.7221e+00 -2.8389e+00 2.7749e+00  
381 0.0000e+00 0.0000e+00 0.0000e+00 -8.1107e+00 -1.2736e+00 2.1444e+00

2169 379 0.0000e+00 0.0000e+00 0.0000e+00 -1.0413e+01 8.4304e-01 5.2557e+00  
390 0.0000e+00 0.0000e+00 0.0000e+00 -5.0268e+00 -2.8157e-01 6.1806e+00  
391 0.0000e+00 0.0000e+00 0.0000e+00 -4.0728e+00 -1.6007e+00 4.8623e+00

	380	0.0000e+00	0.0000e+00	0.0000e+00	-9.4998e+00	-1.1279e-01	3.9374e+00
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.1917e+01	2.2714e+00	5.0663e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	-6.3584e+00	2.7325e+00	6.1779e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	-4.8527e+00	8.2432e-01	6.0786e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.1179e+01	1.4824e+00	4.9669e+00
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.3150e+01	3.0188e+00	3.1380e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	-6.7984e+00	4.5559e+00	3.7133e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	-6.1026e+00	3.7708e+00	4.9678e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.2685e+01	2.8218e+00	4.3925e+00
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	-8.1909e+00	-1.0212e+00	-9.1005e-01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-5.7209e+00	-1.4432e-01	-6.7851e-01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-5.5567e+00	4.6066e-01	2.6515e-01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-7.8878e+00	-5.3258e-01	3.3609e-02
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	-8.8258e+00	-1.3256e+00	-2.1511e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-6.0038e+00	-1.0357e+00	-1.8547e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	-5.9753e+00	-2.9247e-01	-1.2704e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-8.2562e+00	-1.1607e+00	-1.5667e+00
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	-9.6043e+00	-1.3312e+00	-2.5681e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-6.5422e+00	-1.7001e+00	-2.1077e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-6.3721e+00	-1.1013e+00	-2.1615e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-8.8453e+00	-1.3636e+00	-2.6219e+00
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.0665e+01	-1.0658e+00	-2.1755e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	-7.3720e+00	-1.9815e+00	-1.4919e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-6.9515e+00	-1.6249e+00	-2.1394e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	-9.7055e+00	-1.2574e+00	-2.8230e+00
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.2121e+01	-5.0455e-01	-1.1422e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-8.4646e+00	-1.8736e+00	-2.0928e-01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-7.8060e+00	-1.7342e+00	-1.3290e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.0896e+01	-8.8422e-01	-2.2618e+00
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.3983e+01	3.1154e-01	3.7175e-01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-9.7999e+00	-1.3901e+00	1.5451e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-8.9189e+00	-1.4434e+00	7.4881e-02
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.2496e+01	-2.3142e-01	-1.0984e+00
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.6107e+01	1.1714e+00	2.1043e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.1358e+01	-5.3582e-01	3.4471e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.0232e+01	-8.0172e-01	1.8566e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.4523e+01	6.4307e-01	5.1382e-01
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.8168e+01	1.6700e+00	3.4992e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.3022e+01	5.8539e-01	4.8319e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.1670e+01	1.2089e-01	3.5952e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.6829e+01	1.4870e+00	2.2626e+00
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.9849e+01	1.4802e+00	3.7513e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.4460e+01	1.5863e+00	4.8220e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.3126e+01	1.1525e+00	4.5277e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.9021e+01	1.8418e+00	3.4570e+00
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.1247e+01	9.1827e-01	2.4873e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.5203e+01	1.8350e+00	3.1746e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.4443e+01	1.9185e+00	3.8928e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	-2.0620e+01	1.4120e+00	3.2054e+00
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	-1.1562e+01	-2.7957e+00	-1.4962e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-8.8153e+00	-1.7326e+00	-1.1555e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	-8.4721e+00	-1.1611e+00	-1.0833e-01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.1218e+01	-2.1733e+00	-4.4900e-01
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.2514e+01	-2.3408e+00	-3.0471e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-9.5580e+00	-1.8894e+00	-2.4323e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-9.1573e+00	-1.6641e+00	-1.7247e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	-1.1673e+01	-2.6150e+00	-2.3395e+00
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.3532e+01	-1.5337e+00	-3.6716e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.0578e+01	-1.6392e+00	-2.9280e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.0015e+01	-1.6431e+00	-2.8125e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.2594e+01	-1.9773e+00	-3.5562e+00
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.4855e+01	-6.3799e-01	-3.6394e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.1875e+01	-1.1863e+00	-2.6668e+00

	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.1058e+01	-1.3117e+00	-3.0386e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.3709e+01	-1.1231e+00	-4.0112e+00
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.6790e+01	4.3483e-01	-3.1355e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.3577e+01	-5.3186e-01	-1.7764e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.2425e+01	-7.2857e-01	-2.5451e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.5199e+01	-1.7195e-01	-3.9042e+00
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	-1.9471e+01	1.7062e+00	-2.1606e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.5755e+01	3.0670e-01	-3.5836e-01
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.4252e+01	1.0801e-01	-1.5051e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.7336e+01	9.8126e-01	-3.3074e+00
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.2726e+01	2.8596e+00	-6.8266e-01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.8268e+01	1.1166e+00	1.4146e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.6533e+01	1.0832e+00	-6.1196e-02
	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.0229e+01	2.2649e+00	-2.1585e+00
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.5873e+01	3.0364e+00	1.0975e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	-2.0682e+01	1.4483e+00	3.0286e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.8986e+01	1.8083e+00	1.5252e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.3671e+01	3.1997e+00	-4.0586e-01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.8003e+01	1.3255e+00	2.2751e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	-2.2443e+01	9.0882e-01	3.4879e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	-2.1061e+01	1.7014e+00	2.7053e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.6938e+01	2.8357e+00	1.4925e+00
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	-2.9680e+01	-1.0658e+00	1.3773e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.3410e+01	-1.3094e-01	2.1602e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	-2.2443e+01	6.6718e-01	2.7055e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.9067e+01	5.2129e-01	1.9226e+00
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.5854e+01	-5.0278e+00	-2.2134e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	-1.2212e+01	-3.6403e+00	-1.8860e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.1762e+01	-2.9973e+00	-4.7818e-01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.5643e+01	-4.3998e+00	-8.0565e-01
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.6559e+01	-3.2688e+00	-3.9988e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.3335e+01	-2.8671e+00	-3.2987e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	-1.2719e+01	-3.2771e+00	-2.5633e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.5761e+01	-4.3329e+00	-3.2633e+00
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.6967e+01	-2.0109e+00	-4.6088e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.4477e+01	-1.7680e+00	-4.0320e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.3742e+01	-2.4401e+00	-3.7877e+00
	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.6538e+01	-2.6814e+00	-4.3645e+00
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.7923e+01	-8.1292e-01	-5.1542e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.5837e+01	-7.6118e-01	-4.2466e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.4840e+01	-1.3782e+00	-4.1863e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.7088e+01	-1.4459e+00	-5.0939e+00
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	-1.9889e+01	5.9944e-01	-5.5665e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.7862e+01	3.5129e-01	-4.0254e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.6362e+01	-2.2300e-01	-4.1576e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.8279e+01	-2.0915e-01	-5.6987e+00
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	-2.3140e+01	2.3875e+00	-5.6220e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.0773e+01	1.6339e+00	-3.2902e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.8671e+01	1.1569e+00	-3.7606e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-2.0536e+01	1.3356e+00	-6.0924e+00
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	-2.7776e+01	4.3753e+00	-4.9398e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.4480e+01	2.7625e+00	-1.8496e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.1917e+01	2.7121e+00	-2.9139e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	-2.4102e+01	3.2085e+00	-6.0041e+00
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	-3.3322e+01	5.5187e+00	-2.9805e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.8302e+01	2.8343e+00	3.6039e-01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.5855e+01	3.8802e+00	-1.5378e+00
	347	0.0000e+00	0.0000e+00	0.0000e+00	-2.9026e+01	4.9576e+00	-4.8787e+00
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	-3.7034e+01	2.7343e+00	1.1533e-01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-3.1079e+01	8.7689e-01	2.1036e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.9318e+01	3.2389e+00	1.6841e-01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-3.4782e+01	5.2167e+00	-1.8198e+00
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	-3.9184e+01	-3.4777e+00	9.6204e-02

	355	0.0000e+00	0.0000e+00	0.0000e+00	-3.2039e+01	-2.1893e+00	8.1814e-01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-3.0838e+01	-1.9657e-01	1.2789e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	-3.8927e+01	1.7857e-01	5.5701e-01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	-2.3068e+01	-9.1154e+00	-2.7220e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.6297e+01	-6.2288e+00	-2.7868e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.6154e+01	-5.6793e+00	-8.0907e-01
	343	0.0000e+00	0.0000e+00	0.0000e+00	-2.3341e+01	-6.7123e+00	-7.4424e-01
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	-2.0471e+01	-4.8415e+00	-3.3579e+00
	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.7584e+01	-3.3346e+00	-3.9279e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.7592e+01	-5.2570e+00	-3.8815e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-2.1613e+01	-3.8421e+00	-3.3115e+00
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	-1.8846e+01	-3.3981e+00	-4.3987e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.7705e+01	-2.0748e+00	-4.8790e+00
	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.7512e+01	-3.3905e+00	-4.3441e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	-2.0008e+01	-3.1271e+00	-3.8638e+00
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	-1.8668e+01	-2.3200e+00	-6.1429e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.8329e+01	-9.5245e-01	-5.8354e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.7743e+01	-1.9642e+00	-4.9813e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	-1.8634e+01	-2.2893e+00	-5.2889e+00
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	-1.9987e+01	-9.2497e-01	-7.9722e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-2.0134e+01	4.2556e-01	-6.6977e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.8743e+01	-5.5383e-01	-5.7796e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	-1.8806e+01	-1.0228e+00	-7.0541e+00
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	-2.3035e+01	1.0299e+00	-9.6967e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	-2.3400e+01	2.2140e+00	-7.2701e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-2.1018e+01	1.2060e+00	-6.4780e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-2.0520e+01	8.2033e-01	-8.9046e+00
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	-2.8364e+01	3.6854e+00	-1.0972e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-2.8368e+01	4.1960e+00	-7.1050e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	-2.4907e+01	3.4671e+00	-6.8021e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	-2.4019e+01	3.3775e+00	-1.0669e+01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	-3.7165e+01	6.9721e+00	-1.0730e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-3.4742e+01	5.2713e+00	-5.1352e+00
	347	0.0000e+00	0.0000e+00	0.0000e+00	-3.0756e+01	5.9763e+00	-6.3189e+00
	329	0.0000e+00	0.0000e+00	0.0000e+00	-2.9858e+01	6.6214e+00	-1.1914e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	-4.7997e+01	9.2298e+00	-5.9956e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	-4.1375e+01	2.2100e+00	1.1761e-01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-3.8004e+01	7.3980e+00	-4.3442e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	-3.9029e+01	9.2206e+00	-1.0457e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	-5.3864e+01	-7.1040e+00	-1.6169e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	-4.2052e+01	-5.1090e+00	-3.9573e-01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-4.1127e+01	-4.2250e-02	-1.0761e+00
	325	0.0000e+00	0.0000e+00	0.0000e+00	-5.2324e+01	3.3012e+00	-2.2972e+00
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	-2.9283e+01	4.1097e+00	9.1977e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-3.0253e+01	-7.7975e+00	1.5562e-01
	343	0.0000e+00	0.0000e+00	0.0000e+00	-1.7019e+01	-1.1149e+01	-1.2444e+00
	5	0.0000e+00	0.0000e+00	0.0000e+00	-6.0767e+01	-2.0281e+01	7.7977e+00
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	-2.0608e+01	-2.6773e+00	1.8891e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	-2.2402e+01	-3.5080e+00	-2.5513e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-2.5903e+01	-6.3306e+00	-4.3629e-01
	342	0.0000e+00	0.0000e+00	0.0000e+00	-2.6068e+01	-1.1353e+01	4.0041e+00
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	-1.6762e+01	-3.0224e+00	-2.3527e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	-1.9080e+01	-3.2859e+00	-4.1581e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	-2.0138e+01	-4.3843e+00	-1.9684e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	-1.9348e+01	-8.9873e+00	-1.6298e-01
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	-1.5208e+01	-2.0823e+00	-5.8872e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	-1.8277e+01	-2.3971e+00	-6.2654e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	-1.7889e+01	-3.2644e+00	-4.1387e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-1.6360e+01	-7.7939e+00	-3.7605e+00
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	-1.5178e+01	-2.6729e-01	-9.2266e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-1.9256e+01	-9.6562e-01	-8.4785e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	-1.7537e+01	-1.9180e+00	-6.3354e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-1.5387e+01	-6.8635e+00	-7.0836e+00

2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-1.6579e+01	2.4494e+00	-1.2676e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-2.2048e+01	1.1209e+00	-1.0726e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-1.8795e+01	-5.3427e-02	-8.4689e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-1.5897e+01	-5.8559e+00	-1.0419e+01
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.9813e+01	6.1822e+00	-1.6497e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-2.7263e+01	3.9630e+00	-1.2908e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-2.1886e+01	2.5924e+00	-1.0455e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-1.7947e+01	-4.4894e+00	-1.4044e+01
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-2.6310e+01	1.0898e+01	-2.0981e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-3.6599e+01	7.3702e+00	-1.4537e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-2.7748e+01	6.3716e+00	-1.1938e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-2.2156e+01	-2.3068e+00	-1.8382e+01
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-4.0190e+01	1.5611e+01	-2.5953e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-5.6121e+01	8.1481e+00	-1.2822e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-3.9368e+01	1.2359e+01	-1.1241e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-3.0441e+01	1.7635e+00	-2.4372e+01
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2352e+02	1.1399e+01	-2.2907e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-4.8407e+01	-1.2875e+01	5.5276e+00
	325	0.0000e+00	0.0000e+00	0.0000e+00	-6.5899e+01	1.1391e+01	-9.4473e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	-4.8633e+01	1.6795e+01	-3.7882e+01
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	1.1740e+02	4.3027e+00	1.0672e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	5.2195e+01	-5.9578e+01	9.4542e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	3.2664e+02	8.3490e+01	6.6494e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	1.2229e+01	7.5196e+01	-1.7377e+01
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	4.1087e+01	-1.7873e+01	6.5421e+00
	322	0.0000e+00	0.0000e+00	0.0000e+00	2.6427e+01	-8.2341e+00	2.9103e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	2.7807e+01	1.0311e+01	4.0861e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	8.5243e+01	-3.3517e+00	1.8300e+01
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	2.1786e+01	-1.0085e+01	7.2903e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	1.5947e+01	-6.0945e+00	1.4851e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	2.0599e+01	8.4785e-01	2.2099e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	3.2395e+01	-9.5241e+00	1.4538e+01
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	1.4953e+01	-9.0874e+00	3.1801e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	1.2877e+01	-5.3276e+00	5.7601e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	1.3675e+01	-2.8775e+00	1.0844e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	1.9363e+01	-9.1939e+00	8.2644e+00
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	1.3523e+01	-9.1186e+00	-1.2616e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	1.2099e+01	-5.1883e+00	-8.5817e-01
	320	0.0000e+00	0.0000e+00	0.0000e+00	1.2197e+01	-4.5492e+00	3.3512e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	1.4239e+01	-8.9612e+00	2.9478e+00
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	1.5846e+01	-9.8707e+00	-6.3032e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	1.2718e+01	-4.6268e+00	-7.5942e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	1.2304e+01	-5.4598e+00	-3.0442e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	1.3655e+01	-9.2331e+00	-1.7532e+00
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	2.3670e+01	-1.1347e+01	-1.2669e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	1.5046e+01	-3.1264e+00	-1.6579e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	1.3895e+01	-6.1157e+00	-1.0328e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	1.6930e+01	-1.0284e+01	-6.4181e+00
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	4.2073e+01	-1.3375e+01	-2.0752e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	2.4403e+01	8.5370e-01	-3.1289e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	1.8233e+01	-7.9461e+00	-2.1662e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	2.6976e+01	-1.2796e+01	-1.1126e+01
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	1.1628e+02	-7.7004e+00	-2.5452e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	3.3378e+01	1.1284e+01	-5.6832e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	3.2269e+01	-1.2282e+01	-4.0675e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	5.4056e+01	-2.5319e+01	-9.2943e+00
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	1.9935e+01	1.0484e+02	3.4739e+01
	13	0.0000e+00	0.0000e+00	0.0000e+00	4.5347e+02	9.3095e+01	-8.6280e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	6.5563e+01	-8.3776e+01	-1.3372e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	1.6358e+02	-1.5006e+00	-1.2701e+01
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	2.6556e+01	2.1143e+01	-9.0215e+00
	313	0.0000e+00	0.0000e+00	0.0000e+00	6.3874e+01	2.4571e+01	-1.0956e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	6.1137e+01	4.6550e+01	-2.3754e+00

	304	0.0000e+00	0.0000e+00	0.0000e+00	2.5387e+01	3.2973e+01	-4.4062e-01
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	3.0583e+01	-9.0011e+00	-3.8885e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	3.6532e+01	-9.1434e+00	4.9617e+00
	313	0.0000e+00	0.0000e+00	0.0000e+00	5.0599e+01	-1.0247e+01	-5.0884e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	3.4379e+01	9.5285e+00	-1.3939e+01
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	2.1028e+01	-1.1534e+01	-8.3599e-01
	311	0.0000e+00	0.0000e+00	0.0000e+00	2.2466e+01	-1.1051e+01	6.8781e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	3.3937e+01	-1.0359e+01	4.9331e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	2.5127e+01	-6.0215e+00	-2.7810e+00
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	1.4832e+01	-1.1815e+01	-2.9392e-01
	310	0.0000e+00	0.0000e+00	0.0000e+00	1.6014e+01	-1.0497e+01	3.4176e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	2.0329e+01	-9.9587e+00	4.1576e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.8008e+01	-1.0107e+01	4.4606e-01
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	1.3162e+01	-1.1799e+01	-8.5466e-01
	309	0.0000e+00	0.0000e+00	0.0000e+00	1.4399e+01	-1.0330e+01	-2.0021e-01
	310	0.0000e+00	0.0000e+00	0.0000e+00	1.5178e+01	-1.0004e+01	1.1755e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	1.3703e+01	-1.1261e+01	5.2110e-01
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	1.5650e+01	-1.2085e+01	-1.5585e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	1.7000e+01	-1.0766e+01	-3.7814e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	1.4695e+01	-1.0680e+01	-2.3906e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	1.3469e+01	-1.2116e+01	-1.6772e-01
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	2.2842e+01	-1.1840e+01	-1.0539e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	2.5185e+01	-1.1970e+01	-6.9650e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	1.8526e+01	-1.2052e+01	-6.3542e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	1.7571e+01	-1.3393e+01	-4.4307e-01
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	3.3647e+01	-7.5475e+00	4.0591e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	4.4885e+01	-1.4028e+01	-7.2995e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	2.8327e+01	-1.4087e+01	-1.0441e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	2.7279e+01	-1.4342e+01	9.1755e-01
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	4.7128e+01	1.3343e+01	2.1412e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	7.0081e+01	-1.6225e+01	8.0612e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	4.8492e+01	-1.3312e+01	-7.2989e+00
	296	0.0000e+00	0.0000e+00	0.0000e+00	4.1772e+01	-1.2439e+01	6.0519e+00
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	3.3563e+01	4.7542e+01	4.6653e+00
	206	0.0000e+00	0.0000e+00	0.0000e+00	8.3103e+01	6.6420e+01	8.7658e+00
	305	0.0000e+00	0.0000e+00	0.0000e+00	8.8247e+01	3.0155e+01	1.8654e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	3.6695e+01	2.9437e+01	1.4554e+01
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	6.9858e+00	1.3042e+01	-6.4648e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	2.4997e+01	1.6661e+01	-8.4818e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	2.1565e+01	2.5951e+01	-2.1884e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	6.3464e+00	1.7098e+01	-1.7138e-01
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	1.1046e+01	-4.1134e-01	-6.9105e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	2.3266e+01	-4.2216e+00	-8.2098e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	2.1448e+01	7.3924e+00	-1.0243e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	1.0241e+01	7.6119e+00	-8.9439e+00
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	1.0389e+01	-7.8483e+00	-4.7028e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.7111e+01	-9.7193e+00	-2.2569e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	2.1551e+01	-7.0835e+00	-5.5658e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	1.0886e+01	-2.3969e+00	-8.0117e+00
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	8.1607e+00	-1.0263e+01	-2.2744e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	1.2939e+01	-1.1440e+01	-2.9229e-01
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.5905e+01	-1.0715e+01	-2.3206e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	9.1955e+00	-7.8715e+00	-4.3027e+00
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	7.3492e+00	-1.0801e+01	-8.7209e-02
	299	0.0000e+00	0.0000e+00	0.0000e+00	1.1879e+01	-1.2022e+01	2.5849e-01
	300	0.0000e+00	0.0000e+00	0.0000e+00	1.2410e+01	-1.1652e+01	-1.1236e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	7.5163e+00	-1.0134e+01	-1.4693e+00
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	8.6922e+00	-1.0440e+01	2.4625e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	1.4271e+01	-1.2521e+01	8.5417e-01
	299	0.0000e+00	0.0000e+00	0.0000e+00	1.2092e+01	-1.2228e+01	-7.6583e-01
	289	0.0000e+00	0.0000e+00	0.0000e+00	7.6253e+00	-1.1098e+01	8.4246e-01
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	1.1859e+01	-8.3093e+00	6.3274e+00
	297	0.0000e+00	0.0000e+00	0.0000e+00	2.0273e+01	-1.2504e+01	2.9020e+00

	298	0.0000e+00	0.0000e+00	0.0000e+00	1.5264e+01	-1.2666e+01	3.2384e-02
	288	0.0000e+00	0.0000e+00	0.0000e+00	9.9544e+00	-1.1174e+01	3.4577e+00
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	1.4609e+01	-1.5932e+00	1.1969e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	2.8923e+01	-8.7918e+00	8.1332e+00
	297	0.0000e+00	0.0000e+00	0.0000e+00	2.2041e+01	-1.1518e+01	3.1099e+00
	287	0.0000e+00	0.0000e+00	0.0000e+00	1.3750e+01	-8.7618e+00	6.9456e+00
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	1.3601e+01	1.1933e+01	1.4153e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	2.8922e+01	1.0604e+01	1.5983e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	3.1282e+01	-5.0266e+00	1.2365e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	1.4933e+01	8.1263e-01	1.0536e+01
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	6.9977e+00	2.5666e+01	2.1835e+00
	195	0.0000e+00	0.0000e+00	0.0000e+00	2.7610e+01	3.8101e+01	6.1010e+00
	295	0.0000e+00	0.0000e+00	0.0000e+00	3.3825e+01	2.3914e+01	1.4503e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	8.6893e+00	1.9699e+01	1.0585e+01
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	-5.3304e+00	6.7659e+00	-4.5407e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	5.5506e+00	9.7238e+00	-5.4859e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	4.0401e+00	1.3459e+01	-1.4938e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	-5.7277e+00	8.5054e+00	-5.4863e-01
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	-3.1440e+00	6.6794e-01	-6.5349e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	7.0885e+00	-3.5259e-01	-8.2302e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	4.3684e+00	6.1126e+00	-7.8685e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	-3.8456e+00	4.3752e+00	-6.1732e+00
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.9248e+00	-4.4505e+00	-5.4556e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	6.3393e+00	-6.6766e+00	-5.7128e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	6.1568e+00	-3.0948e+00	-7.7740e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	-2.2613e+00	-1.2358e+00	-7.5169e+00
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	-1.9668e+00	-7.0097e+00	-2.8720e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	4.9432e+00	-9.4728e+00	-2.4446e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	5.6957e+00	-8.0523e+00	-5.1130e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.8568e+00	-5.2273e+00	-5.5403e+00
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	-2.2149e+00	-7.6814e+00	3.8411e-01
	289	0.0000e+00	0.0000e+00	0.0000e+00	4.5116e+00	-1.0454e+01	5.0444e-01
	290	0.0000e+00	0.0000e+00	0.0000e+00	4.6207e+00	-9.9410e+00	-2.2571e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	-2.0811e+00	-7.2406e+00	-2.3774e+00
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	-2.0606e+00	-7.0063e+00	4.1391e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	5.5642e+00	-1.0407e+01	3.6205e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	4.5633e+00	-1.0453e+01	5.7557e-01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-2.1064e+00	-7.8191e+00	1.0942e+00
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	-1.8274e+00	-4.5954e+00	8.1847e+00
	287	0.0000e+00	0.0000e+00	0.0000e+00	7.5537e+00	-8.5985e+00	7.4529e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	6.0088e+00	-9.8539e+00	3.9909e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	-1.7595e+00	-6.9960e+00	4.7227e+00
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	-2.6321e+00	4.4349e-01	1.1113e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	8.3190e+00	-2.4734e+00	1.1507e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	8.3752e+00	-6.8146e+00	8.5078e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	-1.8915e+00	-3.7871e+00	8.1130e+00
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	-5.2916e+00	7.7486e+00	9.5130e+00
	285	0.0000e+00	0.0000e+00	0.0000e+00	5.3929e+00	1.0006e+01	1.2202e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	9.5172e+00	1.2629e+00	1.2506e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	-3.9882e+00	2.9182e+00	9.8168e+00
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	-8.8316e+00	1.3079e+01	1.3112e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	3.8680e+00	2.0664e+01	3.3731e+00
	285	0.0000e+00	0.0000e+00	0.0000e+00	6.9594e+00	1.5136e+01	9.2213e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	-7.7615e+00	1.1131e+01	7.1595e+00
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.5484e+01	2.3252e+00	-3.3962e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	-7.1260e+00	4.5111e+00	-3.8823e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	-7.8176e+00	6.1648e+00	-1.2508e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.5773e+01	3.1355e+00	-7.6476e-01
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.4418e+01	-8.8571e-02	-5.5833e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	-5.7672e+00	-2.4309e-01	-6.6467e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	-7.6121e+00	3.0705e+00	-5.8420e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.4719e+01	1.3211e+00	-4.7785e+00
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.3438e+01	-2.4370e+00	-5.2174e+00



	281	0.0000e+00	0.0000e+00	0.0000e+00	-5.2218e+00	-4.2666e+00	-5.8420e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	-6.3034e+00	-1.7091e+00	-7.0617e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.3617e+01	-1.1215e+00	-6.4371e+00
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.3125e+01	-3.7902e+00	-3.0078e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	-5.4110e+00	-6.4743e+00	-3.0758e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	-5.6513e+00	-5.1682e+00	-5.5122e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.3022e+01	-3.0239e+00	-5.4442e+00
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.3415e+01	-4.0342e+00	2.3835e-01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-5.7313e+00	-7.2110e+00	4.4767e-01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-5.6961e+00	-6.7840e+00	-2.5693e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.3027e+01	-3.9817e+00	-2.7786e+00
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.4131e+01	-3.3042e+00	3.9330e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	-5.9292e+00	-6.7409e+00	4.2831e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	-5.8558e+00	-7.0240e+00	1.0147e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.3497e+01	-3.9833e+00	6.6454e-01
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.5287e+01	-1.6448e+00	7.3159e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	-6.3841e+00	-4.6493e+00	7.9953e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	-5.8614e+00	-6.0279e+00	4.9443e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.4439e+01	-2.9859e+00	4.2649e+00
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.7019e+01	8.4486e-01	8.9224e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	-7.8623e+00	-1.8917e-01	1.0282e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	-6.0757e+00	-3.2600e+00	8.5445e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.6062e+01	-8.5052e-01	7.1848e+00
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.9158e+01	3.5094e+00	6.8798e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	-1.0340e+01	6.0086e+00	8.7596e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	-7.3053e+00	1.8441e+00	9.8554e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.8399e+01	2.1716e+00	7.9756e+00
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	-2.1129e+01	4.7374e+00	9.0601e-01
	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.1276e+01	9.7898e+00	1.9353e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	-9.7270e+00	7.8765e+00	6.0732e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	-2.0600e+01	4.7283e+00	5.0439e+00
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.5368e+01	-1.2482e+00	-2.7593e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.7485e+01	5.8255e-01	-3.0802e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.7890e+01	1.3251e+00	-1.0037e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.5610e+01	-9.5932e-01	-6.8285e-01
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.4967e+01	-1.2324e+00	-5.0313e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.6771e+01	-1.1381e+00	-5.4794e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.7810e+01	1.3020e-01	-4.6584e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.4833e+01	-1.4025e+00	-4.2103e+00
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	-2.4414e+01	-1.2313e+00	-4.9753e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.6386e+01	-2.6637e+00	-5.3268e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.7199e+01	-1.6047e+00	-6.1724e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.4310e+01	-1.3613e+00	-5.8209e+00
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.4218e+01	-1.1708e+00	-3.2180e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.6472e+01	-3.5330e+00	-3.2321e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.6741e+01	-2.9700e+00	-5.2744e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	-2.3977e+01	-1.2847e+00	-5.2603e+00
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.4796e+01	-7.6215e-01	-5.2711e-01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.7041e+01	-3.6564e+00	-5.8106e-02
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.6775e+01	-3.5422e+00	-2.7582e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.4115e+01	-1.0853e+00	-3.2273e+00
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	-2.6242e+01	4.5883e-02	2.5635e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.8105e+01	-3.0352e+00	3.5376e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.7342e+01	-3.3060e+00	5.8040e-01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.5039e+01	-5.2652e-01	-3.9367e-01
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	-2.8283e+01	8.9848e-01	5.4314e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.9670e+01	-1.6697e+00	6.7909e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.8357e+01	-2.3633e+00	4.1054e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	-2.6853e+01	3.9072e-01	2.7459e+00
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	-3.0314e+01	1.0744e+00	6.9410e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	-2.1560e+01	2.5256e-01	8.3657e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.9713e+01	-8.4681e-01	6.9007e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	-2.9286e+01	1.2349e+00	5.4759e+00

2280	255	0.0000e+00	0.0000e+00	0.0000e+00	-3.1730e+01	2.2460e-02	5.5745e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	-2.3199e+01	1.9798e+00	6.6051e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	-2.1260e+01	9.3071e-01	7.4624e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	-3.1589e+01	1.1890e+00	6.4318e+00
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	-3.2800e+01	-1.7043e+00	7.8246e-01
	162	0.0000e+00	0.0000e+00	0.0000e+00	-2.3505e+01	2.2205e+00	1.1400e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	-2.2742e+01	2.1956e+00	4.3414e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	-3.2841e+01	-2.2426e-01	3.9839e+00
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	-3.6234e+01	-4.8138e+00	-2.4346e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.7511e+01	-2.9019e+00	-2.7032e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.7860e+01	-2.7135e+00	-5.4614e-01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-3.6427e+01	-5.0765e+00	-2.7753e-01
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	-3.5930e+01	-2.2829e+00	-4.7877e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.7401e+01	-2.2266e+00	-4.8673e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.7937e+01	-2.6289e+00	-4.1587e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-3.5554e+01	-3.9769e+00	-4.0791e+00
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	-3.4992e+01	-4.3715e-01	-4.5992e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	-2.7300e+01	-1.4924e+00	-4.9364e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.7772e+01	-1.9761e+00	-5.7015e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	-3.5201e+01	-1.5151e+00	-5.3642e+00
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	-3.4392e+01	6.1300e-01	-3.3753e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.7373e+01	-1.0361e+00	-3.4820e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	-2.7480e+01	-1.4138e+00	-5.0450e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	-3.4501e+01	3.4888e-02	-4.9383e+00
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	-3.5061e+01	1.5559e+00	-1.7658e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.8157e+01	-5.3834e-01	-1.1128e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.7608e+01	-8.4460e-01	-3.0938e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	-3.4292e+01	9.8716e-01	-3.7469e+00
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	-3.7311e+01	2.6737e+00	1.9475e-01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-2.9917e+01	1.7438e-01	1.7687e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.8630e+01	-2.7849e-02	-5.1710e-01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-3.5422e+01	2.0028e+00	-2.0910e+00
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	-4.0736e+01	3.4253e+00	2.5166e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	-3.2393e+01	7.7861e-01	4.6964e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	-3.0594e+01	9.3490e-01	2.2651e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	-3.8136e+01	3.1065e+00	8.5361e-02
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	-4.3960e+01	2.2594e+00	4.7186e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	-3.4737e+01	4.8629e-01	6.5975e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	-3.2956e+01	1.3633e+00	4.6605e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	-4.1949e+01	3.4289e+00	2.7816e+00
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	-4.5267e+01	-2.2965e+00	5.0579e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	-3.5916e+01	-1.3510e+00	5.6098e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	-3.4682e+01	2.5166e-01	5.5673e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	-4.5387e+01	1.2815e+00	5.0154e+00
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	-4.5792e+01	-7.7023e+00	1.0482e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	-3.5473e+01	-3.9912e+00	7.7733e-01
	255	0.0000e+00	0.0000e+00	0.0000e+00	-3.5213e+01	-2.4738e+00	3.5442e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	-4.6599e+01	-4.2461e+00	3.8150e+00
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	-4.9729e+01	-8.8304e+00	-2.2272e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-3.8411e+01	-6.6924e+00	-2.4962e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	-3.8843e+01	-7.2084e+00	2.1799e-01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-4.9840e+01	-1.0449e+01	4.8703e-01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	-4.7705e+01	-2.2688e+00	-3.7185e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	-3.8787e+01	-2.8904e+00	-4.1759e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-3.9246e+01	-5.3880e+00	-4.1716e+00
	243	0.0000e+00	0.0000e+00	0.0000e+00	-4.8169e+01	-6.0181e+00	-3.7142e+00
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	-4.4146e+01	3.7795e-03	-2.7279e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	-3.7929e+01	-3.5944e-01	-4.2709e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	-3.8652e+01	-2.4145e+00	-5.1200e+00
	242	0.0000e+00	0.0000e+00	0.0000e+00	-4.6537e+01	-1.0948e+00	-3.5771e+00
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	-4.1947e+01	1.0687e+00	-2.7728e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	-3.7066e+01	7.4180e-01	-3.6683e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	-3.7477e+01	-4.3912e-01	-4.3317e+00

	241	0.0000e+00	0.0000e+00	0.0000e+00	-4.3344e+01	5.4866e-01	-3.4362e+00
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	-4.2173e+01	2.1790e+00	-3.2292e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	-3.7640e+01	1.5790e+00	-2.6831e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	-3.7000e+01	8.6620e-01	-3.2888e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	-4.1710e+01	1.4666e+00	-3.8349e+00
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	-4.5199e+01	3.8243e+00	-3.4251e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	-4.0123e+01	2.5582e+00	-1.1945e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	-3.8219e+01	2.2296e+00	-2.1057e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	-4.2602e+01	2.7694e+00	-4.3363e+00
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	-5.0951e+01	5.6236e+00	-2.6127e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	-4.4212e+01	3.1109e+00	1.0919e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	-4.1384e+01	3.7109e+00	-5.9175e-01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-4.6302e+01	4.5349e+00	-4.2963e+00
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	-5.8251e+01	5.5674e+00	8.3447e-02
	246	0.0000e+00	0.0000e+00	0.0000e+00	-4.8454e+01	1.5977e+00	4.1476e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	-4.5877e+01	4.2664e+00	1.3547e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	-5.2626e+01	5.8315e+00	-2.7094e+00
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	-6.1844e+01	-1.7628e+00	4.1782e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	-5.0599e+01	-3.5448e+00	5.5602e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	-4.9381e+01	1.3512e+00	3.2534e+00
	236	0.0000e+00	0.0000e+00	0.0000e+00	-6.0272e+01	4.1410e+00	1.8713e+00
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	-6.2621e+01	-1.4182e+01	1.9275e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	-4.9161e+01	-1.0199e+01	9.7172e-01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-4.9231e+01	-6.4210e+00	3.3486e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	-6.4481e+01	-7.1477e+00	4.3043e+00
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	-7.0623e+01	-1.3998e+01	-6.6098e-01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-5.1901e+01	-1.0973e+01	-2.0003e+00
	244	0.0000e+00	0.0000e+00	0.0000e+00	-5.2893e+01	-1.3735e+01	1.0260e+00
	234	0.0000e+00	0.0000e+00	0.0000e+00	-7.2333e+01	-1.6706e+01	2.3652e+00
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	-5.7436e+01	-2.4458e+00	3.3135e+00
	242	0.0000e+00	0.0000e+00	0.0000e+00	-5.1495e+01	-1.0297e+00	-1.8203e+00
	243	0.0000e+00	0.0000e+00	0.0000e+00	-5.4099e+01	-7.9000e+00	-4.5742e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	-6.5193e+01	-1.0259e+00	5.5957e-01
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	-4.8385e+01	-1.1698e+00	2.6654e+00
	241	0.0000e+00	0.0000e+00	0.0000e+00	-4.6559e+01	5.5191e-01	-2.0457e+00
	242	0.0000e+00	0.0000e+00	0.0000e+00	-4.9197e+01	-2.4129e+00	-2.0413e+00
	230	0.0000e+00	0.0000e+00	0.0000e+00	-5.5256e+01	-7.0002e-01	2.6698e+00
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	-4.3779e+01	-1.1279e+00	-7.7222e-01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-4.3253e+01	1.0296e+00	-3.1438e+00
	241	0.0000e+00	0.0000e+00	0.0000e+00	-4.4953e+01	-3.8959e-01	-1.7312e+00
	228	0.0000e+00	0.0000e+00	0.0000e+00	-4.6867e+01	-1.0315e+00	6.4031e-01
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	-4.3049e+01	-3.8495e-01	-4.6194e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	-4.3030e+01	1.8410e+00	-4.5573e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	-4.2785e+01	8.2796e-01	-2.7655e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	-4.3168e+01	-4.9705e-01	-2.8277e+00
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	-4.6175e+01	1.4228e+00	-8.3062e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	-4.6088e+01	3.3429e+00	-5.7270e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	-4.3686e+01	2.4809e+00	-4.0823e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	-4.3372e+01	1.1417e+00	-6.6616e+00
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	-5.3833e+01	4.3672e+00	-1.1167e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-5.2524e+01	5.0043e+00	-5.7774e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	-4.8004e+01	4.8883e+00	-4.9849e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	-4.7474e+01	3.9548e+00	-1.0375e+01
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	-6.7850e+01	8.1439e+00	-1.1284e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-6.1392e+01	4.6870e+00	-2.8287e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	-5.6030e+01	7.4433e+00	-4.6790e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	-5.6146e+01	7.6534e+00	-1.3134e+01
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	-8.4731e+01	9.6993e+00	-3.4311e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	-7.0330e+01	-3.2702e+00	5.4767e+00
	236	0.0000e+00	0.0000e+00	0.0000e+00	-6.6245e+01	7.5863e+00	-2.0282e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	-7.0838e+01	9.4901e+00	-1.0936e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	-9.2670e+01	-2.1401e+01	2.3658e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	-6.7700e+01	-1.7794e+01	2.2824e+00

	235	0.0000e+00	0.0000e+00	0.0000e+00	-6.8263e+01	-8.5228e+00	2.4416e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	-9.2275e+01	-5.2305e+00	2.5250e+00
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	-7.9598e+01	1.8493e+01	4.1948e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-9.1492e+01	-6.9654e+00	9.0688e+00
	234	0.0000e+00	0.0000e+00	0.0000e+00	-5.7230e+01	-2.7716e+01	-2.7382e+00
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.8022e+02	-2.9775e+01	3.0141e+01
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	-5.3300e+01	-1.9663e+00	2.1369e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-6.1337e+01	1.7834e+00	5.5383e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	-7.7610e+01	-5.9606e+00	9.9658e+00
	233	0.0000e+00	0.0000e+00	0.0000e+00	-6.8979e+01	-1.0986e+01	2.5797e+01
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	-4.1293e+01	-4.9249e+00	1.0701e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-4.7926e+01	-1.1140e+00	3.4086e+00
	230	0.0000e+00	0.0000e+00	0.0000e+00	-5.5341e+01	-2.5870e+00	8.5457e+00
	231	0.0000e+00	0.0000e+00	0.0000e+00	-4.8597e+01	-8.9569e+00	1.5838e+01
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	-3.5685e+01	-4.8544e+00	2.3350e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	-4.2270e+01	-1.7491e+00	-8.3838e-01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-4.5264e+01	-2.4683e+00	4.0399e+00
	229	0.0000e+00	0.0000e+00	0.0000e+00	-3.9097e+01	-9.0310e+00	7.2133e+00
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-3.3967e+01	-3.1624e+00	-5.1660e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	-4.1243e+01	-1.0397e+00	-5.5126e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	-4.0895e+01	-1.8670e+00	-7.9247e-01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-3.5014e+01	-9.0988e+00	-4.4592e-01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-3.5547e+01	-1.5646e-01	-1.2569e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-4.4247e+01	9.2209e-01	-1.0285e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-4.0661e+01	-2.2653e-01	-5.5121e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	-3.4524e+01	-8.6079e+00	-7.7957e+00
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-4.0992e+01	4.1034e+00	-2.0464e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-5.2072e+01	4.0608e+00	-1.4935e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-4.4492e+01	2.7625e+00	-9.9254e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	-3.7414e+01	-7.2087e+00	-1.5454e+01
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-5.2927e+01	9.2786e+00	-2.9462e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-6.7567e+01	7.7785e+00	-1.8578e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-5.3833e+01	7.5284e+00	-1.3403e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-4.4694e+01	-4.2264e+00	-2.4287e+01
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-7.9104e+01	1.3108e+01	-3.9345e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-1.0155e+02	6.0072e+00	-1.6158e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-7.3933e+01	1.5816e+01	-1.2910e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-5.9921e+01	2.2804e+00	-3.6098e+01
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.3770e+02	-2.5883e+00	-3.5345e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-7.9560e+01	-3.4084e+01	1.5307e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-1.2083e+02	9.1510e+00	-1.1326e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	-9.4197e+01	3.0436e+01	-6.1978e+01
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	1.7562e+02	1.7657e+01	1.2792e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	7.7954e+01	-9.2882e+01	1.3323e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	4.6161e+02	1.2726e+02	9.3819e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	1.2963e+01	1.0265e+02	-2.6623e+01
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	6.6107e+01	-2.7746e+01	6.5811e+00
	214	0.0000e+00	0.0000e+00	0.0000e+00	4.1538e+01	-1.2193e+01	4.2234e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	3.9654e+01	1.8617e+01	5.6575e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	1.3341e+02	2.9075e+00	2.0922e+01
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	3.4656e+01	-1.3942e+01	9.2116e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	2.4394e+01	-9.0146e+00	2.2902e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	3.3324e+01	4.7505e+00	3.3077e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	5.0846e+01	-1.2504e+01	1.9387e+01
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	2.2228e+01	-1.2038e+01	4.1054e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	1.8980e+01	-6.9886e+00	9.2095e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	2.0607e+01	-1.7335e+00	1.6475e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	2.9966e+01	-1.2523e+01	1.1371e+01
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	1.7867e+01	-1.1535e+01	-1.3878e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	1.7388e+01	-6.9385e+00	2.2089e-01
	212	0.0000e+00	0.0000e+00	0.0000e+00	1.7640e+01	-4.6542e+00	5.6976e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	2.0567e+01	-1.1997e+01	4.0890e+00
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	1.7575e+01	-1.1649e+01	-6.7851e+00

	210	0.0000e+00	0.0000e+00	0.0000e+00	1.7700e+01	-6.8863e+00	-7.1314e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	1.7086e+01	-6.3330e+00	-2.4501e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	1.7554e+01	-1.1775e+01	-2.1038e+00
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	2.0735e+01	-1.1673e+01	-1.2063e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	1.9346e+01	-6.2366e+00	-1.4136e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	1.8090e+01	-7.3007e+00	-9.5729e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	1.8187e+01	-1.1813e+01	-7.4995e+00
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	2.7364e+01	-1.0760e+01	-1.7122e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	2.4131e+01	-4.0824e+00	-2.1728e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	2.0540e+01	-8.0417e+00	-1.6988e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	2.2503e+01	-1.1697e+01	-1.2382e+01
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	5.2157e+01	-3.8935e+00	-1.9225e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	2.3637e+01	2.5258e-01	-2.8801e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	2.5963e+01	-7.1447e+00	-2.4083e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	3.2261e+01	-1.3283e+01	-1.4508e+01
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	-2.3536e+00	2.4315e+01	-1.1662e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	1.3424e+02	2.4971e+01	-3.3159e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	3.1559e+01	-2.3689e+01	-4.5807e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	6.0879e+01	4.5393e+00	-2.4310e+01
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	3.3518e+01	3.2399e+01	-1.6223e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	8.7911e+01	4.7638e+01	-1.8600e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	8.3262e+01	6.2497e+01	-5.4778e+00
	195	0.0000e+00	0.0000e+00	0.0000e+00	3.3807e+01	4.9131e+01	-3.1015e+00
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	4.2856e+01	-7.6717e+00	-8.4021e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	5.4821e+01	-9.3611e+00	1.4387e+00
	205	0.0000e+00	0.0000e+00	0.0000e+00	7.0514e+01	-1.1738e+01	-1.2660e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	4.5219e+01	1.7308e+01	-2.2501e+01
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	3.1544e+01	-1.4710e+01	-4.2211e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	3.4393e+01	-1.4143e+01	7.5352e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	5.0924e+01	-1.4525e+01	3.6460e+00
	193	0.0000e+00	0.0000e+00	0.0000e+00	3.6584e+01	-5.4798e+00	-8.1103e+00
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	2.1591e+01	-1.5980e+01	-3.1948e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	2.3807e+01	-1.4006e+01	3.6330e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	3.0941e+01	-1.3633e+01	4.1725e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	2.6985e+01	-1.2836e+01	-2.6553e+00
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	1.6588e+01	-1.5730e+01	-4.0069e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	1.9107e+01	-1.3608e+01	-9.8542e-01
	202	0.0000e+00	0.0000e+00	0.0000e+00	2.2001e+01	-1.3153e+01	7.8308e-01
	191	0.0000e+00	0.0000e+00	0.0000e+00	1.9239e+01	-1.4887e+01	-2.2384e+00
2337	189	0.0000e+00	0.0000e+00	0.0000e+00	1.5644e+01	-1.5324e+01	-5.5268e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	1.8549e+01	-1.3333e+01	-5.4213e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	1.8522e+01	-1.3207e+01	-3.4852e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	1.5864e+01	-1.5437e+01	-3.5907e+00
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	1.8342e+01	-1.4228e+01	-6.7737e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	2.1480e+01	-1.2944e+01	-9.2744e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	1.8993e+01	-1.3405e+01	-7.7127e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	1.6240e+01	-1.5525e+01	-5.2120e+00
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	2.3296e+01	-1.0733e+01	-6.6354e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	2.9521e+01	-1.1496e+01	-1.1843e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	2.2993e+01	-1.3302e+01	-1.1594e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	2.0267e+01	-1.4609e+01	-6.3859e+00
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	3.6293e+01	3.2662e-01	-3.0713e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	3.4658e+01	-6.6471e+00	-9.7877e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	3.1623e+01	-1.0038e+01	-1.2156e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	2.7003e+01	-1.1848e+01	-5.4399e+00
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	-8.3665e+00	1.7555e+01	-8.7200e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	9.4633e+01	2.8898e+01	-1.3155e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	4.3028e+01	-4.0580e+00	-1.5117e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	3.5100e+01	1.1562e+01	-1.0682e+01
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	8.2437e+00	1.9910e+01	-1.0177e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	3.2694e+01	2.5795e+01	-1.3713e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	2.7245e+01	3.9155e+01	-4.8123e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	7.2037e+00	2.5636e+01	-1.2759e+00

2343	182	0.0000e+00	0.0000e+00	0.0000e+00	1.3836e+01	2.5663e+00	-1.2028e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	3.2330e+01	-1.4574e+00	-1.4773e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	2.9085e+01	1.4368e+01	-1.6191e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	1.2045e+01	1.3436e+01	-1.3446e+01
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	1.4182e+01	-9.1216e+00	-1.0035e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	2.4692e+01	-1.1294e+01	-7.1545e+00
	193	0.0000e+00	0.0000e+00	0.0000e+00	2.9905e+01	-7.5031e+00	-1.1219e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	1.4254e+01	-8.1419e-01	-1.4100e+01
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	1.1114e+01	-1.3931e+01	-7.5984e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	1.8232e+01	-1.4955e+01	-4.2318e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	2.2799e+01	-1.4109e+01	-6.7545e+00
	181	0.0000e+00	0.0000e+00	0.0000e+00	1.2724e+01	-9.6339e+00	-1.0121e+01
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	8.5837e+00	-1.5367e+01	-5.8291e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	1.4577e+01	-1.5964e+01	-3.8167e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	1.7053e+01	-1.5763e+01	-5.0513e+00
	180	0.0000e+00	0.0000e+00	0.0000e+00	9.7999e+00	-1.3668e+01	-7.0637e+00
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	7.8841e+00	-1.5238e+01	-4.4710e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	1.3951e+01	-1.6020e+01	-4.2780e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	1.4141e+01	-1.6088e+01	-5.0449e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	8.0484e+00	-1.5198e+01	-5.2379e+00
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	9.1894e+00	-1.3525e+01	-2.9642e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	1.6070e+01	-1.5131e+01	-4.4786e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	1.4277e+01	-1.5770e+01	-5.4560e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	8.2033e+00	-1.5245e+01	-3.9416e+00
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	1.1020e+01	-9.0214e+00	-1.0375e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	2.1181e+01	-1.1714e+01	-3.6713e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	1.7192e+01	-1.4243e+01	-5.3589e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	1.0176e+01	-1.3257e+01	-2.7251e+00
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	1.8323e+01	7.5363e-01	6.4078e-01
	186	0.0000e+00	0.0000e+00	0.0000e+00	2.0422e+01	-2.1694e+00	-1.3196e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	2.2735e+01	-8.4709e+00	-2.6688e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	1.2413e+01	-8.4527e+00	-7.0842e-01
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	-2.1104e+01	1.1352e+01	-5.4152e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	6.6619e+01	2.1543e+01	-7.2072e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	2.5929e+01	-1.2256e+00	-7.7305e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	1.6298e+01	1.0106e+01	-5.9384e+00
2352	172	0.0000e+00	0.0000e+00	0.0000e+00	-8.2319e+00	1.0182e+01	-6.9817e+00
	183	0.0000e+00	0.0000e+00	0.0000e+00	6.1801e+00	1.5182e+01	-8.6817e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	3.4361e+00	2.0606e+01	-2.8306e+00
	173	0.0000e+00	0.0000e+00	0.0000e+00	-8.6072e+00	1.2851e+01	-1.1307e+00
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	-5.2324e+00	2.0861e+00	-1.0824e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	8.7392e+00	1.8636e+00	-1.3520e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	5.1992e+00	1.1128e+01	-1.1867e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-6.6398e+00	7.3023e+00	-9.1706e+00
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	-3.2070e+00	-5.7079e+00	-1.0911e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	8.3333e+00	-7.7028e+00	-1.1721e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	7.6855e+00	-2.1306e+00	-1.3300e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-4.0470e+00	-6.8321e-01	-1.2490e+01
2355	169	0.0000e+00	0.0000e+00	0.0000e+00	-2.9616e+00	-1.0515e+01	-9.0437e+00
	180	0.0000e+00	0.0000e+00	0.0000e+00	6.3427e+00	-1.2766e+01	-8.4870e+00
	181	0.0000e+00	0.0000e+00	0.0000e+00	7.4329e+00	-1.0366e+01	-1.1005e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-3.0304e+00	-7.1274e+00	-1.1562e+01
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	-3.4804e+00	-1.2647e+01	-6.5512e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	4.7078e+00	-1.4867e+01	-5.8724e+00
	180	0.0000e+00	0.0000e+00	0.0000e+00	5.7212e+00	-1.4029e+01	-8.2843e+00
	169	0.0000e+00	0.0000e+00	0.0000e+00	-3.2481e+00	-1.0992e+01	-8.9632e+00
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	-3.7520e+00	-1.2876e+01	-3.9241e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	4.3262e+00	-1.5239e+01	-3.8117e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	4.4627e+00	-1.5242e+01	-6.0453e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	-3.6822e+00	-1.2737e+01	-6.1577e+00
2358	166	0.0000e+00	0.0000e+00	0.0000e+00	-3.3862e+00	-1.1285e+01	-1.3237e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	5.2052e+00	-1.3898e+01	-1.8484e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	4.5258e+00	-1.4910e+01	-4.0353e+00

167 0.0000e+00 0.0000e+00 0.0000e+00 -3.6695e+00 -1.2756e+01 -3.5106e+00

2359 165 0.0000e+00 0.0000e+00 0.0000e+00 -3.2856e+00 -7.3431e+00 7.9821e-01  
176 0.0000e+00 0.0000e+00 0.0000e+00 7.4476e+00 -9.6405e+00 4.3277e-02  
177 0.0000e+00 0.0000e+00 0.0000e+00 5.9167e+00 -1.2778e+01 -1.9902e+00  
166 0.0000e+00 0.0000e+00 0.0000e+00 -3.1399e+00 -1.0642e+01 -1.2353e+00

2360 164 0.0000e+00 0.0000e+00 0.0000e+00 1.4994e+00 1.6999e-01 1.7844e+00  
175 0.0000e+00 0.0000e+00 0.0000e+00 4.5119e+00 -1.2940e+00 1.5084e+00  
176 0.0000e+00 0.0000e+00 0.0000e+00 8.3536e+00 -6.7403e+00 7.1720e-01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -2.8488e+00 -6.4795e+00 9.9322e-01

2361 163 0.0000e+00 0.0000e+00 0.0000e+00 -3.3787e+01 6.8922e+00 -3.2494e+00  
174 0.0000e+00 0.0000e+00 0.0000e+00 4.3307e+01 1.5164e+01 -4.1356e+00  
175 0.0000e+00 0.0000e+00 0.0000e+00 8.3839e+00 -1.8862e+00 -4.7933e+00  
164 0.0000e+00 0.0000e+00 0.0000e+00 -4.8991e-01 7.8192e+00 -3.9071e+00

2362 161 0.0000e+00 0.0000e+00 0.0000e+00 -2.0995e+01 2.9896e+00 -5.3593e+00  
172 0.0000e+00 0.0000e+00 0.0000e+00 -1.0289e+01 6.9072e+00 -6.1014e+00  
173 0.0000e+00 0.0000e+00 0.0000e+00 -1.1617e+01 9.5787e+00 -1.9443e+00  
162 0.0000e+00 0.0000e+00 0.0000e+00 -2.1029e+01 4.4339e+00 -1.2022e+00

2363 160 0.0000e+00 0.0000e+00 0.0000e+00 -1.9606e+01 -6.4740e-01 -9.2684e+00  
171 0.0000e+00 0.0000e+00 0.0000e+00 -8.4738e+00 2.5324e-01 -1.0831e+01  
172 0.0000e+00 0.0000e+00 0.0000e+00 -1.0684e+01 5.3088e+00 -8.7455e+00  
161 0.0000e+00 0.0000e+00 0.0000e+00 -2.0263e+01 1.6635e+00 -7.1831e+00

2364 159 0.0000e+00 0.0000e+00 0.0000e+00 -1.8097e+01 -4.6845e+00 -1.0274e+01  
170 0.0000e+00 0.0000e+00 0.0000e+00 -7.4815e+00 -5.9367e+00 -1.1434e+01  
171 0.0000e+00 0.0000e+00 0.0000e+00 -9.0061e+00 -1.6906e+00 -1.1771e+01  
160 0.0000e+00 0.0000e+00 0.0000e+00 -1.8700e+01 -2.2089e+00 -1.0611e+01

2365 158 0.0000e+00 0.0000e+00 0.0000e+00 -1.7186e+01 -7.7513e+00 -9.0614e+00  
169 0.0000e+00 0.0000e+00 0.0000e+00 -7.5085e+00 -1.0053e+01 -9.5035e+00  
170 0.0000e+00 0.0000e+00 0.0000e+00 -7.9626e+00 -7.5393e+00 -1.1370e+01  
159 0.0000e+00 0.0000e+00 0.0000e+00 -1.7543e+01 -5.7707e+00 -1.0928e+01

2366 157 0.0000e+00 0.0000e+00 0.0000e+00 -1.6896e+01 -9.4259e+00 -6.6613e+00  
168 0.0000e+00 0.0000e+00 0.0000e+00 -7.9051e+00 -1.2154e+01 -6.6872e+00  
169 0.0000e+00 0.0000e+00 0.0000e+00 -7.8535e+00 -1.1027e+01 -9.1918e+00  
158 0.0000e+00 0.0000e+00 0.0000e+00 -1.6995e+01 -8.2946e+00 -9.1659e+00

2367 156 0.0000e+00 0.0000e+00 0.0000e+00 -1.6943e+01 -9.7043e+00 -3.8010e+00  
167 0.0000e+00 0.0000e+00 0.0000e+00 -8.1031e+00 -1.2602e+01 -3.7429e+00  
168 0.0000e+00 0.0000e+00 0.0000e+00 -8.0566e+00 -1.2495e+01 -6.4068e+00  
157 0.0000e+00 0.0000e+00 0.0000e+00 -1.6882e+01 -9.5847e+00 -6.4650e+00

2368 155 0.0000e+00 0.0000e+00 0.0000e+00 -1.7026e+01 -8.5273e+00 -9.8464e-01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -8.0072e+00 -1.1319e+01 -9.5957e-01  
167 0.0000e+00 0.0000e+00 0.0000e+00 -8.0138e+00 -1.2319e+01 -3.5047e+00  
156 0.0000e+00 0.0000e+00 0.0000e+00 -1.6974e+01 -9.5626e+00 -3.5298e+00

2369 154 0.0000e+00 0.0000e+00 0.0000e+00 -1.7641e+01 -5.6872e+00 1.1301e+00  
165 0.0000e+00 0.0000e+00 0.0000e+00 -7.1792e+00 -7.6703e+00 1.1878e+00  
166 0.0000e+00 0.0000e+00 0.0000e+00 -7.5923e+00 -1.0424e+01 -8.7871e-01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -1.7122e+01 -7.9022e+00 -9.3646e-01

2370 153 0.0000e+00 0.0000e+00 0.0000e+00 -1.3968e+01 -3.6646e-01 2.0822e+00  
164 0.0000e+00 0.0000e+00 0.0000e+00 -1.0751e+01 -1.5166e+00 2.3337e+00  
165 0.0000e+00 0.0000e+00 0.0000e+00 -6.6921e+00 -5.4787e+00 1.6107e+00  
154 0.0000e+00 0.0000e+00 0.0000e+00 -1.7565e+01 -5.0527e+00 1.3592e+00

2371 152 0.0000e+00 0.0000e+00 0.0000e+00 -4.5877e+01 3.9079e+00 -1.9361e+00  
163 0.0000e+00 0.0000e+00 0.0000e+00 2.3093e+01 1.0641e+01 -2.3928e+00  
164 0.0000e+00 0.0000e+00 0.0000e+00 -7.7854e+00 -2.9396e+00 -3.3926e+00  
153 0.0000e+00 0.0000e+00 0.0000e+00 -1.5837e+01 5.9729e+00 -2.9358e+00

2372 150 0.0000e+00 0.0000e+00 0.0000e+00 -3.3006e+01 -2.8685e+00 -4.7620e+00  
161 0.0000e+00 0.0000e+00 0.0000e+00 -2.3138e+01 4.3212e-01 -4.9827e+00  
162 0.0000e+00 0.0000e+00 0.0000e+00 -2.3761e+01 1.8860e+00 -1.6294e+00  
151 0.0000e+00 0.0000e+00 0.0000e+00 -3.2789e+01 -2.1238e+00 -1.4086e+00

2373 149 0.0000e+00 0.0000e+00 0.0000e+00 -3.2606e+01 -3.5714e+00 -8.4704e+00  
160 0.0000e+00 0.0000e+00 0.0000e+00 -2.2374e+01 -2.4939e+00 -9.0635e+00  
161 0.0000e+00 0.0000e+00 0.0000e+00 -2.3490e+01 -1.2369e-01 -7.1449e+00  
150 0.0000e+00 0.0000e+00 0.0000e+00 -3.2577e+01 -3.2289e+00 -6.5518e+00

2374 148 0.0000e+00 0.0000e+00 0.0000e+00 -3.1651e+01 -4.5981e+00 -9.5444e+00  
159 0.0000e+00 0.0000e+00 0.0000e+00 -2.1695e+01 -5.4200e+00 -1.0296e+01

	160	0.0000e+00	0.0000e+00	0.0000e+00	-2.2817e+01	-3.1866e+00	-1.0312e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	-3.1908e+01	-3.9726e+00	-9.5608e+00
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	-3.0609e+01	-5.7551e+00	-8.5761e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	-2.1313e+01	-7.7153e+00	-9.1989e+00
	159	0.0000e+00	0.0000e+00	0.0000e+00	-2.2023e+01	-6.1457e+00	-1.0660e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	-3.1042e+01	-4.9201e+00	-1.0037e+01
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	-2.9967e+01	-6.5487e+00	-6.5030e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	-2.1228e+01	-9.0902e+00	-6.8046e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	-2.1510e+01	-8.2659e+00	-9.0350e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	-3.0238e+01	-5.9452e+00	-8.7333e+00
2377	145	0.0000e+00	0.0000e+00	0.0000e+00	-2.9921e+01	-6.5791e+00	-3.9461e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	-2.1356e+01	-9.3892e+00	-3.8897e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	-2.1336e+01	-9.2930e+00	-6.4252e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	-2.9838e+01	-6.5755e+00	-6.4817e+00
2378	144	0.0000e+00	0.0000e+00	0.0000e+00	-3.0293e+01	-5.6736e+00	-1.3081e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	-2.1658e+01	-8.4199e+00	-9.8504e-01
	156	0.0000e+00	0.0000e+00	0.0000e+00	-2.1373e+01	-9.1501e+00	-3.4932e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	-2.9986e+01	-6.4285e+00	-3.8163e+00
2379	143	0.0000e+00	0.0000e+00	0.0000e+00	-3.1275e+01	-3.8535e+00	8.4952e-01
	154	0.0000e+00	0.0000e+00	0.0000e+00	-2.1463e+01	-5.8417e+00	1.2530e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	-2.1468e+01	-7.7909e+00	-8.3250e-01
	144	0.0000e+00	0.0000e+00	0.0000e+00	-3.0530e+01	-5.2326e+00	-1.2360e+00
2380	142	0.0000e+00	0.0000e+00	0.0000e+00	-2.8198e+01	-5.1169e-01	2.0818e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	-2.5062e+01	-1.7416e+00	2.4470e+00
	154	0.0000e+00	0.0000e+00	0.0000e+00	-2.1220e+01	-4.2881e+00	1.5837e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	-3.1370e+01	-3.6361e+00	1.2185e+00
2381	141	0.0000e+00	0.0000e+00	0.0000e+00	-5.7277e+01	1.8524e+00	-1.1695e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	5.1694e+00	7.5561e+00	-1.4335e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	-2.2598e+01	-3.6781e+00	-2.6508e+00
	142	0.0000e+00	0.0000e+00	0.0000e+00	-2.9995e+01	4.6793e+00	-2.3869e+00
2382	139	0.0000e+00	0.0000e+00	0.0000e+00	-4.6295e+01	-8.3268e+00	-4.8325e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	-3.5345e+01	-5.2042e+00	-4.7412e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	-3.5615e+01	-4.5279e+00	-1.5451e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	-4.5857e+01	-8.3726e+00	-1.6365e+00
2383	138	0.0000e+00	0.0000e+00	0.0000e+00	-4.6152e+01	-5.9185e+00	-8.1760e+00
	149	0.0000e+00	0.0000e+00	0.0000e+00	-3.5448e+01	-5.1821e+00	-8.1934e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	-3.5895e+01	-4.9851e+00	-6.7054e+00
	139	0.0000e+00	0.0000e+00	0.0000e+00	-4.5736e+01	-7.4925e+00	-6.6880e+00
2384	137	0.0000e+00	0.0000e+00	0.0000e+00	-4.4612e+01	-4.5235e+00	-8.4435e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	-3.5122e+01	-5.1921e+00	-9.2378e+00
	149	0.0000e+00	0.0000e+00	0.0000e+00	-3.5886e+01	-5.0340e+00	-9.5545e+00
	138	0.0000e+00	0.0000e+00	0.0000e+00	-4.5305e+01	-5.0121e+00	-8.7603e+00
2385	136	0.0000e+00	0.0000e+00	0.0000e+00	-4.2587e+01	-4.3395e+00	-7.3697e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	-3.4405e+01	-5.7032e+00	-8.4633e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	-3.5199e+01	-5.4384e+00	-9.7651e+00
	137	0.0000e+00	0.0000e+00	0.0000e+00	-4.3799e+01	-3.9642e+00	-8.6715e+00
2386	135	0.0000e+00	0.0000e+00	0.0000e+00	-4.1178e+01	-4.4680e+00	-5.9235e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	-3.3848e+01	-6.2582e+00	-6.6369e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	-3.4334e+01	-6.0598e+00	-8.3636e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	-4.2001e+01	-4.0859e+00	-7.6501e+00
2387	134	0.0000e+00	0.0000e+00	0.0000e+00	-4.0914e+01	-4.1063e+00	-4.2443e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	-3.3853e+01	-6.2963e+00	-4.2405e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	-3.3855e+01	-6.3821e+00	-6.2142e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	-4.0906e+01	-4.2692e+00	-6.2181e+00
2388	133	0.0000e+00	0.0000e+00	0.0000e+00	-4.1688e+01	-3.0098e+00	-2.2374e+00
	144	0.0000e+00	0.0000e+00	0.0000e+00	-3.4465e+01	-5.5438e+00	-1.5824e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	-3.3990e+01	-6.0261e+00	-3.7416e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	-4.0960e+01	-3.8531e+00	-4.3966e+00
2389	132	0.0000e+00	0.0000e+00	0.0000e+00	-4.3365e+01	-1.5906e+00	-5.7222e-02
	143	0.0000e+00	0.0000e+00	0.0000e+00	-3.4796e+01	-3.9151e+00	8.0511e-01
	144	0.0000e+00	0.0000e+00	0.0000e+00	-3.4559e+01	-5.0001e+00	-1.3221e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	-4.2020e+01	-2.6873e+00	-2.1844e+00
2390	131	0.0000e+00	0.0000e+00	0.0000e+00	-4.1044e+01	1.1789e-02	1.8227e+00



142 0.0000e+00 0.0000e+00 0.0000e+00 -3.8385e+01 -1.6454e+00 2.3538e+00  
143 0.0000e+00 0.0000e+00 0.0000e+00 -3.4795e+01 -2.7866e+00 1.1589e+00  
132 0.0000e+00 0.0000e+00 0.0000e+00 -4.3659e+01 -1.8388e+00 6.2774e-01

2391 130 0.0000e+00 0.0000e+00 0.0000e+00 -6.7883e+01 2.8357e-02 -8.0864e-01  
141 0.0000e+00 0.0000e+00 0.0000e+00 -1.0953e+01 5.2706e+00 -9.7896e-01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -3.6165e+01 -4.0180e+00 -2.1968e+00  
131 0.0000e+00 0.0000e+00 0.0000e+00 -4.2984e+01 3.8791e+00 -2.0265e+00

2392 128 0.0000e+00 0.0000e+00 0.0000e+00 -6.3509e+01 -1.3795e+01 -5.2448e+00  
139 0.0000e+00 0.0000e+00 0.0000e+00 -4.8896e+01 -1.0806e+01 -4.9772e+00  
140 0.0000e+00 0.0000e+00 0.0000e+00 -4.8986e+01 -1.1174e+01 -1.4327e+00  
129 0.0000e+00 0.0000e+00 0.0000e+00 -6.2928e+01 -1.5912e+01 -1.7003e+00

2393 127 0.0000e+00 0.0000e+00 0.0000e+00 -6.1415e+01 -6.2943e+00 -6.7878e+00  
138 0.0000e+00 0.0000e+00 0.0000e+00 -4.9592e+01 -6.8154e+00 -7.2604e+00  
139 0.0000e+00 0.0000e+00 0.0000e+00 -5.0001e+01 -9.3912e+00 -7.1385e+00  
128 0.0000e+00 0.0000e+00 0.0000e+00 -6.1873e+01 -1.0178e+01 -6.6659e+00

2394 126 0.0000e+00 0.0000e+00 0.0000e+00 -5.6096e+01 -3.9920e+00 -4.8192e+00  
137 0.0000e+00 0.0000e+00 0.0000e+00 -4.8301e+01 -4.2995e+00 -7.5039e+00  
138 0.0000e+00 0.0000e+00 0.0000e+00 -4.9549e+01 -6.3286e+00 -8.7067e+00  
127 0.0000e+00 0.0000e+00 0.0000e+00 -5.9773e+01 -4.0140e+00 -6.0219e+00

2395 125 0.0000e+00 0.0000e+00 0.0000e+00 -5.1201e+01 -3.8052e+00 -4.1546e+00  
136 0.0000e+00 0.0000e+00 0.0000e+00 -4.5834e+01 -3.9172e+00 -6.9277e+00  
137 0.0000e+00 0.0000e+00 0.0000e+00 -4.7496e+01 -4.8118e+00 -7.8479e+00  
126 0.0000e+00 0.0000e+00 0.0000e+00 -5.4627e+01 -2.9175e+00 -5.0749e+00

2396 124 0.0000e+00 0.0000e+00 0.0000e+00 -4.8088e+01 -3.8862e+00 -4.3254e+00  
135 0.0000e+00 0.0000e+00 0.0000e+00 -4.4011e+01 -4.1413e+00 -6.0440e+00  
136 0.0000e+00 0.0000e+00 0.0000e+00 -4.5116e+01 -4.5345e+00 -6.6714e+00  
125 0.0000e+00 0.0000e+00 0.0000e+00 -5.0136e+01 -3.4218e+00 -4.9528e+00

2397 123 0.0000e+00 0.0000e+00 0.0000e+00 -4.7199e+01 -3.1362e+00 -4.5601e+00  
134 0.0000e+00 0.0000e+00 0.0000e+00 -4.3606e+01 -3.9036e+00 -4.8156e+00  
135 0.0000e+00 0.0000e+00 0.0000e+00 -4.3744e+01 -4.3346e+00 -5.5096e+00  
124 0.0000e+00 0.0000e+00 0.0000e+00 -4.7530e+01 -3.5890e+00 -5.2541e+00

2398 122 0.0000e+00 0.0000e+00 0.0000e+00 -4.8490e+01 -1.1922e+00 -4.1664e+00  
133 0.0000e+00 0.0000e+00 0.0000e+00 -4.4690e+01 -2.9414e+00 -2.9902e+00  
134 0.0000e+00 0.0000e+00 0.0000e+00 -4.3856e+01 -3.4939e+00 -4.1479e+00  
123 0.0000e+00 0.0000e+00 0.0000e+00 -4.7166e+01 -2.7195e+00 -5.3240e+00

2399 121 0.0000e+00 0.0000e+00 0.0000e+00 -5.1881e+01 1.2758e+00 -2.5558e+00  
132 0.0000e+00 0.0000e+00 0.0000e+00 -4.6126e+01 -1.6278e+00 -4.9895e-01  
133 0.0000e+00 0.0000e+00 0.0000e+00 -4.5280e+01 -2.0951e+00 -2.4372e+00  
122 0.0000e+00 0.0000e+00 0.0000e+00 -4.8954e+01 -7.7337e-01 -4.4941e+00

2400 120 0.0000e+00 0.0000e+00 0.0000e+00 -5.1654e+01 2.2467e+00 4.5101e-01  
131 0.0000e+00 0.0000e+00 0.0000e+00 -5.0519e+01 -9.4993e-01 2.0316e+00  
132 0.0000e+00 0.0000e+00 0.0000e+00 -4.6720e+01 -3.9955e-01 1.0236e-01  
121 0.0000e+00 0.0000e+00 0.0000e+00 -5.2552e+01 6.0962e-01 -1.4783e+00

2401 119 0.0000e+00 0.0000e+00 0.0000e+00 -7.7644e+01 -2.2452e+00 -1.0731e+00  
130 0.0000e+00 0.0000e+00 0.0000e+00 -2.5420e+01 3.0025e+00 -9.1621e-01  
131 0.0000e+00 0.0000e+00 0.0000e+00 -4.8440e+01 -3.8400e+00 -2.0833e+00  
120 0.0000e+00 0.0000e+00 0.0000e+00 -5.4336e+01 3.9519e+00 -2.2402e+00

2402 116 0.0000e+00 0.0000e+00 0.0000e+00 -9.1928e+01 -2.2742e+01 -3.7042e+00  
128 0.0000e+00 0.0000e+00 0.0000e+00 -6.5948e+01 -1.6446e+01 -5.3166e+00  
129 0.0000e+00 0.0000e+00 0.0000e+00 -6.7026e+01 -2.0225e+01 -1.6911e+00  
118 0.0000e+00 0.0000e+00 0.0000e+00 -9.3809e+01 -2.1833e+01 -7.8649e-02

2403 114 0.0000e+00 0.0000e+00 0.0000e+00 -7.5164e+01 -5.0949e+00 3.1004e+00  
127 0.0000e+00 0.0000e+00 0.0000e+00 -6.6527e+01 -4.1683e+00 -3.6981e+00  
128 0.0000e+00 0.0000e+00 0.0000e+00 -6.9332e+01 -1.2544e+01 -8.4983e+00  
116 0.0000e+00 0.0000e+00 0.0000e+00 -8.4834e+01 -1.1530e+00 -1.6999e+00

2404 112 0.0000e+00 0.0000e+00 0.0000e+00 -6.1405e+01 -3.9666e+00 5.0528e+00  
126 0.0000e+00 0.0000e+00 0.0000e+00 -5.9593e+01 -2.4081e+00 -2.8854e+00  
127 0.0000e+00 0.0000e+00 0.0000e+00 -6.3654e+01 -5.8425e+00 -4.1910e+00  
114 0.0000e+00 0.0000e+00 0.0000e+00 -7.1910e+01 -1.4379e+00 3.7473e+00

2405 110 0.0000e+00 0.0000e+00 0.0000e+00 -5.2294e+01 -5.4814e+00 2.3503e+00  
125 0.0000e+00 0.0000e+00 0.0000e+00 -5.2795e+01 -3.1267e+00 -3.3508e+00  
126 0.0000e+00 0.0000e+00 0.0000e+00 -5.6843e+01 -4.2621e+00 -2.4102e+00  
112 0.0000e+00 0.0000e+00 0.0000e+00 -5.8707e+01 -3.9580e+00 3.2909e+00

2406 108 0.0000e+00 0.0000e+00 0.0000e+00 -4.6917e+01 -6.2777e+00 -1.1828e+00  
124 0.0000e+00 0.0000e+00 0.0000e+00 -4.8660e+01 -3.7221e+00 -4.4424e+00  
125 0.0000e+00 0.0000e+00 0.0000e+00 -5.1131e+01 -4.3494e+00 -2.7812e+00  
110 0.0000e+00 0.0000e+00 0.0000e+00 -5.0428e+01 -5.4151e+00 4.7836e-01

2407 106 0.0000e+00 0.0000e+00 0.0000e+00 -4.4799e+01 -5.6142e+00 -4.5870e+00  
123 0.0000e+00 0.0000e+00 0.0000e+00 -4.7357e+01 -3.1563e+00 -5.5294e+00  
124 0.0000e+00 0.0000e+00 0.0000e+00 -4.8038e+01 -4.1205e+00 -3.8506e+00  
108 0.0000e+00 0.0000e+00 0.0000e+00 -4.5847e+01 -5.3223e+00 -2.9083e+00

2408 104 0.0000e+00 0.0000e+00 0.0000e+00 -4.5882e+01 -3.0847e+00 -7.3063e+00  
122 0.0000e+00 0.0000e+00 0.0000e+00 -4.8887e+01 -1.2810e+00 -5.9134e+00  
123 0.0000e+00 0.0000e+00 0.0000e+00 -4.7747e+01 -2.6752e+00 -4.7433e+00  
106 0.0000e+00 0.0000e+00 0.0000e+00 -4.4467e+01 -3.4223e+00 -6.1362e+00

2409 102 0.0000e+00 0.0000e+00 0.0000e+00 -5.1178e+01 1.4099e+00 -8.3590e+00  
121 0.0000e+00 0.0000e+00 0.0000e+00 -5.2418e+01 1.1725e+00 -4.5697e+00  
122 0.0000e+00 0.0000e+00 0.0000e+00 -5.0365e+01 1.0286e-01 -4.8632e+00  
104 0.0000e+00 0.0000e+00 0.0000e+00 -4.6279e+01 5.0543e-01 -8.6526e+00

2410 100 0.0000e+00 0.0000e+00 0.0000e+00 -5.6395e+01 6.1901e+00 -5.3620e+00  
120 0.0000e+00 0.0000e+00 0.0000e+00 -6.0126e+01 1.2795e+00 -2.2234e-01  
121 0.0000e+00 0.0000e+00 0.0000e+00 -5.4989e+01 3.6000e+00 -2.9986e+00  
102 0.0000e+00 0.0000e+00 0.0000e+00 -5.2101e+01 4.7416e+00 -8.1383e+00

2411 99 0.0000e+00 0.0000e+00 0.0000e+00 -8.7169e+01 -4.6434e+00 -3.6055e+00  
119 0.0000e+00 0.0000e+00 0.0000e+00 -3.7427e+01 3.4203e-02 -1.1755e+00  
120 0.0000e+00 0.0000e+00 0.0000e+00 -5.9458e+01 -1.8728e+00 -3.7623e+00  
100 0.0000e+00 0.0000e+00 0.0000e+00 -6.0679e+01 8.4440e+00 -6.1923e+00

2412 117 0.0000e+00 0.0000e+00 0.0000e+00 -1.0756e+02 2.8421e+01 5.7521e+01  
116 0.0000e+00 0.0000e+00 0.0000e+00 -1.2443e+02 -1.1508e+01 1.0216e+01  
118 0.0000e+00 0.0000e+00 0.0000e+00 -7.3040e+01 -3.6440e+01 -8.4492e+00  
2 0.0000e+00 0.0000e+00 0.0000e+00 -2.4575e+02 -3.5679e+01 3.8856e+01

2413 115 0.0000e+00 0.0000e+00 0.0000e+00 -6.9413e+01 -3.8120e+00 3.2483e+01  
114 0.0000e+00 0.0000e+00 0.0000e+00 -8.2359e+01 3.7559e+00 7.4064e+00  
116 0.0000e+00 0.0000e+00 0.0000e+00 -1.0704e+02 -9.2700e+00 1.1071e+01  
117 0.0000e+00 0.0000e+00 0.0000e+00 -9.0748e+01 -9.6914e+00 3.6148e+01

2414 113 0.0000e+00 0.0000e+00 0.0000e+00 -5.0764e+01 -9.7751e+00 2.0233e+01  
112 0.0000e+00 0.0000e+00 0.0000e+00 -6.0647e+01 -2.6052e+00 7.0547e+00  
114 0.0000e+00 0.0000e+00 0.0000e+00 -7.3642e+01 -4.0434e+00 1.2489e+01  
115 0.0000e+00 0.0000e+00 0.0000e+00 -6.1950e+01 -8.7205e+00 2.5668e+01

2415 111 0.0000e+00 0.0000e+00 0.0000e+00 -3.9832e+01 -1.0955e+01 1.1121e+01  
110 0.0000e+00 0.0000e+00 0.0000e+00 -4.9388e+01 -5.5987e+00 3.5413e+00  
112 0.0000e+00 0.0000e+00 0.0000e+00 -5.6646e+01 -5.5664e+00 8.5900e+00  
113 0.0000e+00 0.0000e+00 0.0000e+00 -4.6481e+01 -1.1216e+01 1.6170e+01

2416 109 0.0000e+00 0.0000e+00 0.0000e+00 -3.3053e+01 -9.3529e+00 3.7315e+00  
108 0.0000e+00 0.0000e+00 0.0000e+00 -4.3394e+01 -6.5136e+00 -5.2625e-01  
110 0.0000e+00 0.0000e+00 0.0000e+00 -4.6909e+01 -6.8121e+00 4.0239e+00  
111 0.0000e+00 0.0000e+00 0.0000e+00 -3.7351e+01 -1.3892e+01 8.2817e+00

2417 107 0.0000e+00 0.0000e+00 0.0000e+00 -2.8995e+01 -5.3546e+00 -2.6890e+00  
106 0.0000e+00 0.0000e+00 0.0000e+00 -4.1039e+01 -5.5121e+00 -4.4294e+00  
108 0.0000e+00 0.0000e+00 0.0000e+00 -4.1449e+01 -6.6966e+00 -2.7809e-01  
109 0.0000e+00 0.0000e+00 0.0000e+00 -3.1779e+01 -1.5904e+01 1.4623e+00

2418 105 0.0000e+00 0.0000e+00 0.0000e+00 -2.7251e+01 1.1156e+00 -8.6267e+00  
104 0.0000e+00 0.0000e+00 0.0000e+00 -4.2131e+01 -2.4682e+00 -7.8893e+00  
106 0.0000e+00 0.0000e+00 0.0000e+00 -3.9258e+01 -4.7349e+00 -3.9908e+00  
107 0.0000e+00 0.0000e+00 0.0000e+00 -2.8770e+01 -1.6817e+01 -4.7282e+00

2419 103 0.0000e+00 0.0000e+00 0.0000e+00 -2.8325e+01 1.0154e+01 -1.4523e+01  
102 0.0000e+00 0.0000e+00 0.0000e+00 -4.7766e+01 2.5674e+00 -1.0534e+01  
104 0.0000e+00 0.0000e+00 0.0000e+00 -4.0565e+01 -3.8538e-01 -6.7946e+00  
105 0.0000e+00 0.0000e+00 0.0000e+00 -2.8207e+01 -1.6124e+01 -1.0783e+01

2420 101 0.0000e+00 0.0000e+00 0.0000e+00 -3.3545e+01 2.1161e+01 -2.0070e+01  
100 0.0000e+00 0.0000e+00 0.0000e+00 -6.4428e+01 5.9988e+00 -9.5839e+00  
102 0.0000e+00 0.0000e+00 0.0000e+00 -4.7841e+01 7.6206e+00 -7.0516e+00  
103 0.0000e+00 0.0000e+00 0.0000e+00 -3.0891e+01 -1.3062e+01 -1.7538e+01

2421 1 0.0000e+00 0.0000e+00 0.0000e+00 -1.0214e+02 2.6743e+01 -1.9157e+01  
99 0.0000e+00 0.0000e+00 0.0000e+00 -4.2628e+01 -2.2184e+00 1.0092e+00  
100 0.0000e+00 0.0000e+00 0.0000e+00 -6.7117e+01 7.7435e+00 -9.5718e+00

101 0.0000e+00 0.0000e+00 0.0000e+00 -4.0648e+01 1.8485e+00 -2.9738e+01

SFORZI "Torcente di piano SLO" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	2.4601e+00	-6.2063e+00	-1.8070e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	7.3747e+00	1.2035e+01	-1.0923e+01
	84	0.0000e+00	0.0000e+00	0.0000e+00	-6.8447e+00	1.4564e+01	-6.0223e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	3.0577e+01	2.2724e+01	-1.3169e+01
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	-8.9298e-01	-2.4387e+00	-1.2544e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	1.7131e+00	2.8142e+00	-1.0970e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	1.9901e+00	4.3605e+00	-1.2036e+01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	1.8909e+00	1.1806e+01	-1.3610e+01
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.5511e+00	-2.7880e+00	-1.0188e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	5.0101e-01	6.9844e-01	-1.0227e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-4.3818e-01	9.3495e-01	-1.1550e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-6.8760e-01	7.1424e+00	-1.1511e+01
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.4874e+00	-3.8099e+00	-8.5891e+00
	1890	0.0000e+00	0.0000e+00	0.0000e+00	2.1001e-01	-1.0199e+00	-8.8820e+00
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-6.6693e-01	-9.1847e-01	-1.0029e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.1800e+00	4.2309e+00	-9.7361e+00
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.4442e+00	-5.0953e+00	-7.3939e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	1.1817e-01	-2.5210e+00	-7.6571e+00
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-7.1026e-01	-2.4032e+00	-8.5952e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.1275e+00	2.1009e+00	-8.3320e+00
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.6189e+00	-6.6728e+00	-6.4121e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	4.4157e-02	-3.9974e+00	-6.5766e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-7.7272e-01	-3.8475e+00	-7.3698e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.1220e+00	4.5947e-01	-7.2052e+00
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.9570e+00	-8.8068e+00	-5.6897e+00
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-1.5372e-01	-5.1785e+00	-5.7605e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-9.0062e-01	-5.4307e+00	-6.2859e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.3477e+00	-7.2151e-01	-6.2152e+00
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-1.9088e+00	-1.2269e+01	-6.9254e+00
	83	0.0000e+00	0.0000e+00	0.0000e+00	1.7328e+00	-1.3566e+00	-8.0200e+00
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-4.3743e-01	-7.7345e+00	-6.1824e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.8669e+00	-6.0201e-01	-5.0878e+00
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	1.8671e+00	6.0160e-01	-5.0880e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	4.3765e-01	7.7348e+00	-6.1826e+00
	83	0.0000e+00	0.0000e+00	0.0000e+00	-1.7330e+00	1.3572e+00	-8.0200e+00
	28	0.0000e+00	0.0000e+00	0.0000e+00	1.9094e+00	1.2270e+01	-6.9254e+00
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	1.3478e+00	7.2108e-01	-6.2153e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	9.0074e-01	5.4307e+00	-6.2860e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	1.5374e-01	5.1785e+00	-5.7606e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	1.9573e+00	8.8073e+00	-5.6899e+00
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	1.1222e+00	-4.5989e-01	-7.2053e+00
	1884	0.0000e+00	0.0000e+00	0.0000e+00	7.7280e-01	3.8474e+00	-7.3699e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-4.4150e-02	3.9972e+00	-6.5767e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	1.6191e+00	6.6729e+00	-6.4122e+00
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	1.1276e+00	-2.1012e+00	-8.3320e+00
	1883	0.0000e+00	0.0000e+00	0.0000e+00	7.1031e-01	2.4030e+00	-8.5952e+00
	1884	0.0000e+00	0.0000e+00	0.0000e+00	-1.1815e-01	2.5208e+00	-7.6572e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	1.4443e+00	5.0952e+00	-7.3939e+00
686	1650	0.0000e+00	0.0000e+00	0.0000e+00	1.1801e+00	-4.2311e+00	-9.7360e+00
	1882	0.0000e+00	0.0000e+00	0.0000e+00	6.6696e-01	9.1819e-01	-1.0029e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	-2.0997e-01	1.0196e+00	-8.8820e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	1.4876e+00	3.8096e+00	-8.5891e+00
687	1649	0.0000e+00	0.0000e+00	0.0000e+00	6.8777e-01	-7.1423e+00	-1.1511e+01
	1881	0.0000e+00	0.0000e+00	0.0000e+00	4.3820e-01	-9.3516e-01	-1.1550e+01
	1882	0.0000e+00	0.0000e+00	0.0000e+00	-5.0094e-01	-6.9868e-01	-1.0227e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	1.5512e+00	2.7876e+00	-1.0188e+01
688	1648	0.0000e+00	0.0000e+00	0.0000e+00	-1.8906e+00	-1.1806e+01	-1.3610e+01
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-1.9901e+00	-4.3606e+00	-1.2036e+01

	1881	0.0000e+00	0.0000e+00	0.0000e+00	-1.7130e+00	-2.8143e+00	-1.0970e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	8.9312e-01	2.4382e+00	-1.2544e+01
689	27	0.0000e+00	0.0000e+00	0.0000e+00	-3.0576e+01	-2.2723e+01	-1.3169e+01
	82	0.0000e+00	0.0000e+00	0.0000e+00	6.8445e+00	-1.4564e+01	-6.0223e+00
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-7.3745e+00	-1.2034e+01	-1.0923e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-2.4599e+00	6.2059e+00	-1.8070e+01
690	1879	0.0000e+00	0.0000e+00	0.0000e+00	-7.4712e+00	-1.0683e+01	-7.1003e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	-3.7609e+00	5.5342e+00	-1.5427e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.6807e+01	-2.2121e+01	-1.1319e+01
	73	0.0000e+00	0.0000e+00	0.0000e+00	-6.1668e-01	-1.4355e+01	-2.9922e+00
691	1878	0.0000e+00	0.0000e+00	0.0000e+00	-1.8453e+00	-3.4246e+00	-8.9529e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	5.1570e-01	2.1557e+00	-1.0713e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	-2.8911e+00	-1.1740e+01	-1.1335e+01
	1879	0.0000e+00	0.0000e+00	0.0000e+00	-1.8606e+00	-4.8798e+00	-9.5748e+00
692	1877	0.0000e+00	0.0000e+00	0.0000e+00	-5.6031e-01	-1.1073e+00	-8.5771e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	1.4404e+00	2.5178e+00	-8.6608e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	3.7574e-01	-7.2490e+00	-9.7097e+00
	1878	0.0000e+00	0.0000e+00	0.0000e+00	3.4154e-01	-1.4660e+00	-9.6260e+00
693	1876	0.0000e+00	0.0000e+00	0.0000e+00	-2.3695e-01	7.2517e-01	-7.4880e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	1.5343e+00	3.7071e+00	-7.2499e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	1.0905e+00	-4.4904e+00	-8.2357e+00
	1877	0.0000e+00	0.0000e+00	0.0000e+00	6.6971e-01	5.1952e-01	-8.4738e+00
694	1875	0.0000e+00	0.0000e+00	0.0000e+00	-1.4224e-01	2.3895e+00	-6.4019e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	1.5651e+00	5.2550e+00	-6.1432e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	1.1637e+00	-2.4470e+00	-6.9979e+00
	1876	0.0000e+00	0.0000e+00	0.0000e+00	7.6206e-01	2.1767e+00	-7.2566e+00
695	1874	0.0000e+00	0.0000e+00	0.0000e+00	-9.0943e-02	4.0856e+00	-5.3948e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	1.7300e+00	7.1711e+00	-5.1823e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	1.2019e+00	-8.0274e-01	-5.9390e+00
	1875	0.0000e+00	0.0000e+00	0.0000e+00	8.5038e-01	3.8396e+00	-6.1515e+00
696	1873	0.0000e+00	0.0000e+00	0.0000e+00	1.7145e-02	5.6358e+00	-4.5923e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	1.9613e+00	9.7053e+00	-4.3972e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	1.3748e+00	4.9076e-01	-4.9468e+00
	1874	0.0000e+00	0.0000e+00	0.0000e+00	9.8298e-01	5.6910e+00	-5.1419e+00
697	72	0.0000e+00	0.0000e+00	0.0000e+00	-1.5065e+00	3.5889e+00	-6.1872e+00
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.5552e+00	1.3692e+01	-5.0208e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	1.6585e+00	7.1688e-01	-3.7431e+00
	1873	0.0000e+00	0.0000e+00	0.0000e+00	6.5815e-01	8.1918e+00	-4.9095e+00
698	1872	0.0000e+00	0.0000e+00	0.0000e+00	-6.5796e-01	-8.1912e+00	-4.9094e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	-1.6581e+00	-7.1721e-01	-3.7432e+00
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.5549e+00	-1.3691e+01	-5.0210e+00
	72	0.0000e+00	0.0000e+00	0.0000e+00	1.5064e+00	-3.5881e+00	-6.1872e+00
699	1871	0.0000e+00	0.0000e+00	0.0000e+00	-9.8279e-01	-5.6908e+00	-5.1418e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	-1.3744e+00	-4.9123e-01	-4.9468e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	-1.9608e+00	-9.7044e+00	-4.3971e+00
	1872	0.0000e+00	0.0000e+00	0.0000e+00	-1.7158e-02	-5.6355e+00	-4.5922e+00
700	1870	0.0000e+00	0.0000e+00	0.0000e+00	-8.5023e-01	-3.8396e+00	-6.1514e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	-1.2015e+00	8.0232e-01	-5.9389e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	-1.7296e+00	-7.1708e+00	-5.1822e+00
	1871	0.0000e+00	0.0000e+00	0.0000e+00	9.0993e-02	-4.0856e+00	-5.3946e+00
701	1869	0.0000e+00	0.0000e+00	0.0000e+00	-7.6195e-01	-2.1768e+00	-7.2564e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	-1.1633e+00	2.4468e+00	-6.9977e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	-1.5647e+00	-5.2550e+00	-6.1431e+00
	1870	0.0000e+00	0.0000e+00	0.0000e+00	1.4232e-01	-2.3897e+00	-6.4017e+00
702	1868	0.0000e+00	0.0000e+00	0.0000e+00	-6.6963e-01	-5.1960e-01	-8.4735e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.0901e+00	4.4904e+00	-8.2355e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	-1.5339e+00	-3.7074e+00	-7.2497e+00
	1869	0.0000e+00	0.0000e+00	0.0000e+00	2.3707e-01	-7.2528e-01	-7.4878e+00
703	1867	0.0000e+00	0.0000e+00	0.0000e+00	-3.4149e-01	1.4662e+00	-9.6257e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-3.7527e-01	7.2494e+00	-9.7094e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.4400e+00	-2.5182e+00	-8.6605e+00
	1868	0.0000e+00	0.0000e+00	0.0000e+00	5.6048e-01	1.1074e+00	-8.5768e+00
704	1866	0.0000e+00	0.0000e+00	0.0000e+00	1.8607e+00	4.8802e+00	-9.5744e+00

	784	0.0000e+00	0.0000e+00	0.0000e+00	2.8917e+00	1.1741e+01	-1.1334e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-5.1528e-01	-2.1561e+00	-1.0713e+01
	1867	0.0000e+00	0.0000e+00	0.0000e+00	1.8455e+00	3.4249e+00	-8.9526e+00
705	71	0.0000e+00	0.0000e+00	0.0000e+00	6.1686e-01	1.4356e+01	-2.9918e+00
	5	0.0000e+00	0.0000e+00	0.0000e+00	2.6807e+01	2.2123e+01	-1.1319e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	3.7615e+00	-5.5345e+00	-1.5427e+01
	1866	0.0000e+00	0.0000e+00	0.0000e+00	7.4715e+00	1.0684e+01	-7.0999e+00
706	1865	0.0000e+00	0.0000e+00	0.0000e+00	-2.3808e+01	-2.1250e+01	-6.6105e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-1.1806e+01	2.0435e+01	-3.5126e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	-8.1445e+01	-4.5044e+01	-2.1498e+01
	75	0.0000e+00	0.0000e+00	0.0000e+00	-4.8625e+00	-3.4022e+01	7.0175e+00
707	1864	0.0000e+00	0.0000e+00	0.0000e+00	-5.1278e+00	-1.9948e-01	-1.1513e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	2.5082e+00	8.3096e+00	-1.8995e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-6.9798e+00	-1.9890e+01	-2.1535e+01
	1865	0.0000e+00	0.0000e+00	0.0000e+00	-8.9426e+00	-5.6676e+00	-1.4052e+01
708	1863	0.0000e+00	0.0000e+00	0.0000e+00	-4.4881e-01	3.7388e+00	-9.1752e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	6.2339e+00	5.7064e+00	-1.0547e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	3.2819e+00	-9.7587e+00	-1.5213e+01
	1864	0.0000e+00	0.0000e+00	0.0000e+00	6.4441e-02	2.7072e+00	-1.3841e+01
709	1862	0.0000e+00	0.0000e+00	0.0000e+00	5.3607e-01	6.0455e+00	-3.7406e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	6.5780e+00	4.6754e+00	-3.5180e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	6.1470e+00	-4.0930e+00	-8.4511e+00
	1863	0.0000e+00	0.0000e+00	0.0000e+00	1.3627e+00	5.6364e+00	-8.6737e+00
710	1861	0.0000e+00	0.0000e+00	0.0000e+00	-2.4538e-01	6.7774e+00	1.5112e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	4.5718e+00	3.2266e+00	3.0319e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	6.1600e+00	1.3719e-01	-1.5676e+00
	1862	0.0000e+00	0.0000e+00	0.0000e+00	8.6978e-01	6.9352e+00	-3.0882e+00
711	1860	0.0000e+00	0.0000e+00	0.0000e+00	-7.0083e+00	2.8627e+00	2.6606e+00
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-3.0795e+00	-7.4128e-01	8.8753e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	3.5144e+00	4.6895e+00	6.2635e+00
	1861	0.0000e+00	0.0000e+00	0.0000e+00	-2.5538e+00	6.9622e+00	4.8811e-02
712	74	0.0000e+00	0.0000e+00	0.0000e+00	-7.7862e+00	-2.1907e+01	-1.6139e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-5.9183e+01	-1.3887e+01	7.6996e+00
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-7.0546e+00	1.4365e+01	2.0016e+01
	1860	0.0000e+00	0.0000e+00	0.0000e+00	-1.7535e+01	-5.3261e+00	-3.8233e+00
713	1599	0.0000e+00	0.0000e+00	0.0000e+00	6.2434e+00	-2.1401e+01	-3.9835e+01
	1859	0.0000e+00	0.0000e+00	0.0000e+00	2.3527e+01	2.7641e+01	-1.6138e+01
	86	0.0000e+00	0.0000e+00	0.0000e+00	-2.0209e+01	4.1491e+01	1.7559e+00
	31	0.0000e+00	0.0000e+00	0.0000e+00	9.2107e+01	5.0271e+01	-2.1941e+01
714	1598	0.0000e+00	0.0000e+00	0.0000e+00	-4.1654e+00	-8.4367e+00	-2.1610e+01
	1858	0.0000e+00	0.0000e+00	0.0000e+00	4.6161e+00	-9.1760e-01	-1.5206e+01
	1859	0.0000e+00	0.0000e+00	0.0000e+00	9.1743e+00	6.2207e+00	-1.8942e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	2.6602e+00	2.2145e+01	-2.5345e+01
715	1597	0.0000e+00	0.0000e+00	0.0000e+00	-6.7557e+00	-5.9797e+00	-1.2217e+01
	1857	0.0000e+00	0.0000e+00	0.0000e+00	1.5690e-01	-4.4648e+00	-1.1397e+01
	1858	0.0000e+00	0.0000e+00	0.0000e+00	-6.7348e-01	-3.5129e+00	-1.7127e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-4.4678e+00	1.0894e+01	-1.7947e+01
716	1596	0.0000e+00	0.0000e+00	0.0000e+00	-6.9270e+00	-4.2322e+00	-4.2935e+00
	1856	0.0000e+00	0.0000e+00	0.0000e+00	-8.0544e-01	-6.7288e+00	-4.5283e+00
	1857	0.0000e+00	0.0000e+00	0.0000e+00	-1.5899e+00	-6.3939e+00	-1.0369e+01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-6.5600e+00	4.2516e+00	-1.0134e+01
717	1595	0.0000e+00	0.0000e+00	0.0000e+00	-5.6243e+00	-1.6508e+00	3.1810e+00
	1855	0.0000e+00	0.0000e+00	0.0000e+00	-3.8425e-01	-7.2475e+00	2.2079e+00
	1856	0.0000e+00	0.0000e+00	0.0000e+00	-1.1014e+00	-7.4773e+00	-3.3591e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-6.6371e+00	-5.4838e-01	-2.3860e+00
718	1594	0.0000e+00	0.0000e+00	0.0000e+00	-9.9412e-01	3.6146e+00	9.8208e+00
	1854	0.0000e+00	0.0000e+00	0.0000e+00	6.8910e+00	-1.7819e+00	4.8172e+00
	1855	0.0000e+00	0.0000e+00	0.0000e+00	2.0782e+00	-7.5721e+00	1.1971e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-5.0766e+00	-4.8234e+00	6.2007e+00
719	30	0.0000e+00	0.0000e+00	0.0000e+00	6.5773e+01	1.9631e+01	4.8522e+00
	85	0.0000e+00	0.0000e+00	0.0000e+00	-1.2402e+01	3.1483e+01	-1.4539e+01
	1854	0.0000e+00	0.0000e+00	0.0000e+00	1.7352e+01	1.0956e+01	2.0567e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	1.5452e+00	-1.4533e+01	2.1448e+01

720 1853 0.0000e+00 0.0000e+00 0.0000e+00 1.7535e+01 5.3273e+00 -3.8215e+00  
957 0.0000e+00 0.0000e+00 0.0000e+00 7.0538e+00 -1.4364e+01 2.0017e+01  
4 0.0000e+00 0.0000e+00 0.0000e+00 5.9183e+01 1.3888e+01 7.7007e+00  
70 0.0000e+00 0.0000e+00 0.0000e+00 7.7858e+00 2.1910e+01 -1.6138e+01

721 1852 0.0000e+00 0.0000e+00 0.0000e+00 2.5536e+00 -6.9612e+00 5.0535e-02  
955 0.0000e+00 0.0000e+00 0.0000e+00 -3.5150e+00 -4.6887e+00 6.2652e+00  
957 0.0000e+00 0.0000e+00 0.0000e+00 3.0788e+00 7.4255e-01 8.8770e+00  
1853 0.0000e+00 0.0000e+00 0.0000e+00 7.0081e+00 -2.8615e+00 2.6623e+00

722 1851 0.0000e+00 0.0000e+00 0.0000e+00 -8.6991e-01 -6.9344e+00 -3.0865e+00  
953 0.0000e+00 0.0000e+00 0.0000e+00 -6.1608e+00 -1.3703e-01 -1.5659e+00  
955 0.0000e+00 0.0000e+00 0.0000e+00 -4.5724e+00 -3.2251e+00 3.0336e+00  
1852 0.0000e+00 0.0000e+00 0.0000e+00 2.4510e-01 -6.7766e+00 1.5129e+00

723 1850 0.0000e+00 0.0000e+00 0.0000e+00 -1.3628e+00 -5.6362e+00 -8.6721e+00  
951 0.0000e+00 0.0000e+00 0.0000e+00 -6.1481e+00 4.0922e+00 -8.4495e+00  
953 0.0000e+00 0.0000e+00 0.0000e+00 -6.5787e+00 -4.6737e+00 -3.5163e+00  
1851 0.0000e+00 0.0000e+00 0.0000e+00 -5.3647e-01 -6.0451e+00 -3.7389e+00

724 1849 0.0000e+00 0.0000e+00 0.0000e+00 -6.4710e-02 -2.7078e+00 -1.3840e+01  
949 0.0000e+00 0.0000e+00 0.0000e+00 -3.2836e+00 9.7566e+00 -1.5211e+01  
951 0.0000e+00 0.0000e+00 0.0000e+00 -6.2350e+00 -5.7047e+00 -1.0545e+01  
1850 0.0000e+00 0.0000e+00 0.0000e+00 4.4820e-01 -3.7391e+00 -9.1737e+00

725 1848 0.0000e+00 0.0000e+00 0.0000e+00 8.9422e+00 5.6659e+00 -1.4051e+01  
947 0.0000e+00 0.0000e+00 0.0000e+00 6.9768e+00 1.9886e+01 -2.1534e+01  
949 0.0000e+00 0.0000e+00 0.0000e+00 -2.5099e+00 -8.3079e+00 -1.8994e+01  
1849 0.0000e+00 0.0000e+00 0.0000e+00 5.1268e+00 1.9800e-01 -1.1511e+01

726 69 0.0000e+00 0.0000e+00 0.0000e+00 4.8596e+00 3.4020e+01 7.0175e+00  
3 0.0000e+00 0.0000e+00 0.0000e+00 8.1442e+01 4.5038e+01 -2.1497e+01  
947 0.0000e+00 0.0000e+00 0.0000e+00 1.1802e+01 -2.0434e+01 -3.5125e+01  
1848 0.0000e+00 0.0000e+00 0.0000e+00 2.3806e+01 2.1247e+01 -6.6105e+00

727 1557 0.0000e+00 0.0000e+00 0.0000e+00 -1.5444e+00 1.4535e+01 2.1447e+01  
1847 0.0000e+00 0.0000e+00 0.0000e+00 -1.7352e+01 -1.0954e+01 2.0558e+00  
81 0.0000e+00 0.0000e+00 0.0000e+00 1.2401e+01 -3.1480e+01 -1.4540e+01  
26 0.0000e+00 0.0000e+00 0.0000e+00 -6.5771e+01 -1.9629e+01 4.8517e+00

728 1556 0.0000e+00 0.0000e+00 0.0000e+00 5.0774e+00 4.8255e+00 6.1995e+00  
1846 0.0000e+00 0.0000e+00 0.0000e+00 -2.0780e+00 7.5740e+00 1.1960e+00  
1847 0.0000e+00 0.0000e+00 0.0000e+00 -6.8907e+00 1.7839e+00 4.8163e+00  
1557 0.0000e+00 0.0000e+00 0.0000e+00 9.9489e-01 -3.6133e+00 9.8198e+00

729 1555 0.0000e+00 0.0000e+00 0.0000e+00 6.6378e+00 5.5109e-01 -2.3874e+00  
1845 0.0000e+00 0.0000e+00 0.0000e+00 1.1015e+00 7.4795e+00 -3.3604e+00  
1846 0.0000e+00 0.0000e+00 0.0000e+00 3.8454e-01 7.2496e+00 2.2067e+00  
1556 0.0000e+00 0.0000e+00 0.0000e+00 5.6250e+00 1.6520e+00 3.1798e+00

730 1554 0.0000e+00 0.0000e+00 0.0000e+00 6.5608e+00 -4.2481e+00 -1.0136e+01  
1844 0.0000e+00 0.0000e+00 0.0000e+00 1.5900e+00 6.3966e+00 -1.0371e+01  
1845 0.0000e+00 0.0000e+00 0.0000e+00 8.0576e-01 6.7313e+00 -4.5297e+00  
1555 0.0000e+00 0.0000e+00 0.0000e+00 6.9277e+00 4.2334e+00 -4.2950e+00

731 1553 0.0000e+00 0.0000e+00 0.0000e+00 4.4685e+00 -1.0889e+01 -1.7949e+01  
1843 0.0000e+00 0.0000e+00 0.0000e+00 6.7351e-01 3.5163e+00 -1.7129e+01  
1844 0.0000e+00 0.0000e+00 0.0000e+00 -1.5654e-01 4.4679e+00 -1.1399e+01  
1554 0.0000e+00 0.0000e+00 0.0000e+00 6.7564e+00 5.9812e+00 -1.2219e+01

732 1552 0.0000e+00 0.0000e+00 0.0000e+00 -2.6595e+00 -2.2139e+01 -2.5348e+01  
1842 0.0000e+00 0.0000e+00 0.0000e+00 -9.1742e+00 -6.2165e+00 -1.8944e+01  
1843 0.0000e+00 0.0000e+00 0.0000e+00 -4.6157e+00 9.2145e-01 -1.5208e+01  
1553 0.0000e+00 0.0000e+00 0.0000e+00 4.1660e+00 8.4386e+00 -2.1612e+01

733 25 0.0000e+00 0.0000e+00 0.0000e+00 -9.2105e+01 -5.0264e+01 -2.1944e+01  
80 0.0000e+00 0.0000e+00 0.0000e+00 2.0209e+01 -4.1485e+01 1.7527e+00  
1842 0.0000e+00 0.0000e+00 0.0000e+00 -2.3526e+01 -2.7636e+01 -1.6141e+01  
1552 0.0000e+00 0.0000e+00 0.0000e+00 -6.2428e+00 2.1404e+01 -3.9837e+01

734 1515 0.0000e+00 0.0000e+00 0.0000e+00 7.7827e+00 -2.5927e+01 -2.9196e+01  
1841 0.0000e+00 0.0000e+00 0.0000e+00 1.6432e+01 1.9469e+01 -1.8194e+01  
88 0.0000e+00 0.0000e+00 0.0000e+00 -1.5447e+01 3.0187e+01 -8.1288e+00  
33 0.0000e+00 0.0000e+00 0.0000e+00 5.9221e+01 5.2936e+01 -1.9131e+01

735 1514 0.0000e+00 0.0000e+00 0.0000e+00 1.5519e+00 -2.1664e+01 -1.8329e+01  
1840 0.0000e+00 0.0000e+00 0.0000e+00 5.3465e+00 -4.7927e+00 -1.5592e+01  
1841 0.0000e+00 0.0000e+00 0.0000e+00 4.6538e+00 1.3218e+00 -1.8556e+01

	1515	0.0000e+00	0.0000e+00	0.0000e+00	7.1112e+00	2.4862e+01	-2.1293e+01
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	-9.4370e-01	-2.1121e+01	-1.1927e+01
	1839	0.0000e+00	0.0000e+00	0.0000e+00	2.0682e+00	-1.2144e+01	-1.1685e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-5.8289e-01	-1.0312e+01	-1.6080e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	2.1379e+00	8.5548e+00	-1.6322e+01
737	1512	0.0000e+00	0.0000e+00	0.0000e+00	-2.3636e+00	-1.9736e+01	-5.8362e+00
	1838	0.0000e+00	0.0000e+00	0.0000e+00	6.2403e-01	-1.7058e+01	-5.6968e+00
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-1.0036e+00	-1.5998e+01	-1.0475e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-4.8820e-01	-2.5681e+00	-1.0615e+01
738	1511	0.0000e+00	0.0000e+00	0.0000e+00	-3.8213e+00	-1.7118e+01	4.9306e-01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	-3.8776e-01	-1.9829e+01	1.0173e+00
	1838	0.0000e+00	0.0000e+00	0.0000e+00	-1.0566e+00	-1.9167e+01	-4.1463e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-2.2206e+00	-1.0260e+01	-4.6705e+00
739	1510	0.0000e+00	0.0000e+00	0.0000e+00	-5.5435e+00	-1.3139e+01	7.5571e+00
	1836	0.0000e+00	0.0000e+00	0.0000e+00	-1.2232e+00	-2.0938e+01	8.5090e+00
	1837	0.0000e+00	0.0000e+00	0.0000e+00	-1.0458e+00	-2.0521e+01	2.7310e+00
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-4.0286e+00	-1.5320e+01	1.7791e+00
740	1509	0.0000e+00	0.0000e+00	0.0000e+00	-7.1487e+00	-7.6369e+00	1.5816e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	-1.6480e+00	-2.0512e+01	1.6861e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	-9.0637e-01	-2.0370e+01	1.0251e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-6.0320e+00	-1.8373e+01	9.2059e+00
741	1508	0.0000e+00	0.0000e+00	0.0000e+00	-6.2928e+00	1.2489e-01	2.5580e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	-6.9627e-01	-1.7773e+01	2.5285e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	1.4372e-01	-1.8561e+01	1.8123e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-7.6560e+00	-2.0344e+01	1.8417e+01
742	1507	0.0000e+00	0.0000e+00	0.0000e+00	1.6186e+00	1.3123e+01	3.5265e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	1.3251e+01	-4.3790e+00	2.6807e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	5.9518e+00	-1.5387e+01	2.2340e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-6.1193e+00	-2.2839e+01	3.0799e+01
743	32	0.0000e+00	0.0000e+00	0.0000e+00	1.2971e+02	4.7412e+01	2.5295e+01
	87	0.0000e+00	0.0000e+00	0.0000e+00	-2.5504e+01	5.7485e+01	-1.0532e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	3.4434e+01	2.3401e+01	2.1213e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	6.0844e+00	-3.7953e+01	5.7040e+01
744	1446	0.0000e+00	0.0000e+00	0.0000e+00	6.2036e+00	-2.9379e+01	-6.2409e+01
	1832	0.0000e+00	0.0000e+00	0.0000e+00	3.1306e+01	3.1052e+01	-2.8427e+01
	87	0.0000e+00	0.0000e+00	0.0000e+00	-2.7000e+01	6.2539e+01	1.3929e-01
	32	0.0000e+00	0.0000e+00	0.0000e+00	1.3096e+02	6.4539e+01	-3.3843e+01
745	1445	0.0000e+00	0.0000e+00	0.0000e+00	-6.3665e+00	-1.4278e+01	-3.5727e+01
	1831	0.0000e+00	0.0000e+00	0.0000e+00	5.2772e+00	-3.2742e+00	-2.9004e+01
	1832	0.0000e+00	0.0000e+00	0.0000e+00	8.1431e+00	4.3727e+00	-3.4455e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	3.9149e+00	2.6526e+01	-4.1178e+01
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	-8.1538e+00	-1.2782e+01	-2.3599e+01
	1830	0.0000e+00	0.0000e+00	0.0000e+00	4.8081e-01	-8.2686e+00	-2.3556e+01
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-1.5460e+00	-7.6981e+00	-3.0821e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-6.0422e+00	1.1677e+01	-3.0865e+01
747	1443	0.0000e+00	0.0000e+00	0.0000e+00	-7.3467e+00	-1.2617e+01	-1.4584e+01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-5.5704e-01	-1.1701e+01	-1.5366e+01
	1830	0.0000e+00	0.0000e+00	0.0000e+00	-2.1283e+00	-1.1756e+01	-2.2082e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-7.3037e+00	2.8983e+00	-2.1301e+01
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	-6.7671e+00	-1.1996e+01	-6.9200e+00
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-9.2318e-01	-1.3839e+01	-7.3984e+00
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-1.9224e+00	-1.3845e+01	-1.3527e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-6.7035e+00	-3.1527e+00	-1.3048e+01
749	1441	0.0000e+00	0.0000e+00	0.0000e+00	-6.8991e+00	-1.0451e+01	3.9674e-01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	-1.2426e+00	-1.5110e+01	4.1080e-01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-1.6392e+00	-1.4942e+01	-5.5552e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-6.4750e+00	-7.3981e+00	-5.5693e+00
750	1440	0.0000e+00	0.0000e+00	0.0000e+00	-7.5803e+00	-7.8188e+00	8.0853e+00
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-1.5107e+00	-1.5574e+01	8.4611e+00
	1827	0.0000e+00	0.0000e+00	0.0000e+00	-1.4121e+00	-1.5275e+01	2.2130e+00
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-6.9440e+00	-1.0250e+01	1.8372e+00
751	1439	0.0000e+00	0.0000e+00	0.0000e+00	-7.3451e+00	-3.6934e+00	1.6693e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	-1.2736e+00	-1.4712e+01	1.6659e+01

		1826	0.0000e+00	0.0000e+00	0.0000e+00	-8.5425e-01	-1.4768e+01	1.0019e+01
		1440	0.0000e+00	0.0000e+00	0.0000e+00	-7.8316e+00	-1.2205e+01	1.0054e+01
752	1438	0.0000e+00	0.0000e+00	0.0000e+00	-1.3003e+00	3.8261e+00	2.5716e+01	
	1824	0.0000e+00	0.0000e+00	0.0000e+00	5.0844e+00	-7.8103e+00	2.1175e+01	
	1825	0.0000e+00	0.0000e+00	0.0000e+00	2.2077e+00	-1.3451e+01	1.5989e+01	
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-7.3052e+00	-1.4480e+01	2.0531e+01	
753	31	0.0000e+00	0.0000e+00	0.0000e+00	8.7196e+01	2.5453e+01	1.9513e+01	
	86	0.0000e+00	0.0000e+00	0.0000e+00	-1.6270e+01	3.9668e+01	-5.8244e+00	
	1824	0.0000e+00	0.0000e+00	0.0000e+00	2.1102e+01	7.0725e+00	1.6416e+01	
	1438	0.0000e+00	0.0000e+00	0.0000e+00	2.7489e-01	-2.4205e+01	4.1754e+01	
754	1823	0.0000e+00	0.0000e+00	0.0000e+00	-2.0931e+01	-1.8052e+01	-3.5734e+00	
	692	0.0000e+00	0.0000e+00	0.0000e+00	-1.7500e+01	2.5151e+01	-2.6099e+01	
	11	0.0000e+00	0.0000e+00	0.0000e+00	-6.4531e+01	-5.2255e+01	-1.8283e+01	
	77	0.0000e+00	0.0000e+00	0.0000e+00	-1.3944e+01	-2.6637e+01	4.2424e+00	
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	-6.7243e+00	5.2011e-01	-9.4070e+00	
	690	0.0000e+00	0.0000e+00	0.0000e+00	-3.2760e+00	1.8005e+01	-1.5377e+01	
	692	0.0000e+00	0.0000e+00	0.0000e+00	-1.3905e+01	-2.4789e+01	-1.6738e+01	
	1823	0.0000e+00	0.0000e+00	0.0000e+00	-6.7094e+00	-4.2437e+00	-1.0768e+01	
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	-2.2284e+00	7.9697e+00	-7.7278e+00	
	688	0.0000e+00	0.0000e+00	0.0000e+00	1.4371e+00	1.6214e+01	-9.1660e+00	
	690	0.0000e+00	0.0000e+00	0.0000e+00	-2.8835e+00	-9.8109e+00	-1.2571e+01	
	1822	0.0000e+00	0.0000e+00	0.0000e+00	-4.6453e-01	6.0939e+00	-1.1133e+01	
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	-4.5669e-01	1.2541e+01	-3.1126e+00	
	686	0.0000e+00	0.0000e+00	0.0000e+00	3.4005e+00	1.5180e+01	-3.5559e+00	
	688	0.0000e+00	0.0000e+00	0.0000e+00	1.2917e+00	-3.7661e-01	-7.6485e+00	
	1821	0.0000e+00	0.0000e+00	0.0000e+00	8.6424e-01	1.1471e+01	-7.2053e+00	
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	5.0190e-01	1.5266e+01	2.5596e+00	
	684	0.0000e+00	0.0000e+00	0.0000e+00	4.7877e+00	1.3667e+01	2.1303e+00	
	686	0.0000e+00	0.0000e+00	0.0000e+00	3.2940e+00	5.9906e+00	-2.3925e+00	
	1820	0.0000e+00	0.0000e+00	0.0000e+00	1.2324e+00	1.4568e+01	-1.9631e+00	
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	1.1231e+00	1.6714e+01	8.9570e+00	
	682	0.0000e+00	0.0000e+00	0.0000e+00	6.1124e+00	1.1343e+01	8.3656e+00	
	684	0.0000e+00	0.0000e+00	0.0000e+00	4.8662e+00	1.0269e+01	3.3369e+00	
	1819	0.0000e+00	0.0000e+00	0.0000e+00	1.3178e+00	1.6213e+01	3.9284e+00	
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	1.2122e+00	1.6989e+01	1.5919e+01	
	680	0.0000e+00	0.0000e+00	0.0000e+00	6.9494e+00	7.9359e+00	1.5522e+01	
	682	0.0000e+00	0.0000e+00	0.0000e+00	6.3263e+00	1.3138e+01	9.9039e+00	
	1818	0.0000e+00	0.0000e+00	0.0000e+00	1.1304e+00	1.6726e+01	1.0300e+01	
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	-3.6874e-01	1.5289e+01	2.2396e+01	
	678	0.0000e+00	0.0000e+00	0.0000e+00	4.7112e+00	2.5949e+00	2.3805e+01	
	680	0.0000e+00	0.0000e+00	0.0000e+00	7.0000e+00	1.5565e+01	1.8015e+01	
	1817	0.0000e+00	0.0000e+00	0.0000e+00	-1.5411e-01	1.5898e+01	1.6607e+01	
762	1815	0.0000e+00	0.0000e+00	0.0000e+00	-1.3082e+01	4.8916e+00	2.1891e+01	
	676	0.0000e+00	0.0000e+00	0.0000e+00	-7.3888e+00	-7.8489e+00	3.1939e+01	
	678	0.0000e+00	0.0000e+00	0.0000e+00	3.6832e+00	1.9568e+01	2.9063e+01	
	1816	0.0000e+00	0.0000e+00	0.0000e+00	-6.2908e+00	1.3298e+01	1.9015e+01	
763	76	0.0000e+00	0.0000e+00	0.0000e+00	-8.5614e+00	-4.6474e+01	-1.5668e+01	
	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.1421e+02	-3.6802e+01	2.6458e+01	
	676	0.0000e+00	0.0000e+00	0.0000e+00	-1.3634e+01	3.4463e+01	5.2307e+01	
	1815	0.0000e+00	0.0000e+00	0.0000e+00	-3.4252e+01	-1.4024e+01	1.0181e+01	
764	1814	0.0000e+00	0.0000e+00	0.0000e+00	-3.1200e+01	-2.3835e+01	-1.5193e+01	
	576	0.0000e+00	0.0000e+00	0.0000e+00	-1.3463e+01	2.6411e+01	-5.4950e+01	
	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.1551e+02	-5.7634e+01	-3.1893e+01	
	76	0.0000e+00	0.0000e+00	0.0000e+00	-6.8974e+00	-5.4550e+01	7.8642e+00	
765	1813	0.0000e+00	0.0000e+00	0.0000e+00	-5.7021e+00	8.3413e-01	-2.3733e+01	
	574	0.0000e+00	0.0000e+00	0.0000e+00	4.2421e+00	1.1461e+01	-3.1785e+01	
	576	0.0000e+00	0.0000e+00	0.0000e+00	-8.9993e+00	-2.3461e+01	-3.5227e+01	
	1814	0.0000e+00	0.0000e+00	0.0000e+00	-8.2069e+00	-5.7928e+00	-2.7176e+01	
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	-5.0600e-01	5.6508e+00	-2.0224e+01	
	572	0.0000e+00	0.0000e+00	0.0000e+00	7.4919e+00	9.0735e+00	-2.1073e+01	
	574	0.0000e+00	0.0000e+00	0.0000e+00	4.5568e+00	-1.0590e+01	-2.6956e+01	
	1813	0.0000e+00	0.0000e+00	0.0000e+00	7.6867e-01	4.8659e+00	-2.6107e+01	
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	6.8413e-01	8.5569e+00	-1.3512e+01	



	570	0.0000e+00	0.0000e+00	0.0000e+00	7.4512e+00	8.9194e+00	-1.3139e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	6.9841e+00	-3.6633e+00	-1.8898e+01
	1812	0.0000e+00	0.0000e+00	0.0000e+00	1.8806e+00	8.4778e+00	-1.9271e+01
768	1810	0.0000e+00	0.0000e+00	0.0000e+00	1.0412e+00	1.0478e+01	-6.6216e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	7.2273e+00	8.9302e+00	-6.2948e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	6.9642e+00	8.8444e-01	-1.1700e+01
	1811	0.0000e+00	0.0000e+00	0.0000e+00	1.9435e+00	1.0393e+01	-1.2027e+01
769	1809	0.0000e+00	0.0000e+00	0.0000e+00	1.2499e+00	1.1891e+01	2.3911e-01
	566	0.0000e+00	0.0000e+00	0.0000e+00	7.4116e+00	8.5842e+00	2.9325e-01
	568	0.0000e+00	0.0000e+00	0.0000e+00	6.9317e+00	4.0918e+00	-5.0191e+00
	1810	0.0000e+00	0.0000e+00	0.0000e+00	1.8357e+00	1.1652e+01	-5.0732e+00
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	1.3139e+00	1.2866e+01	7.2486e+00
	564	0.0000e+00	0.0000e+00	0.0000e+00	7.8127e+00	7.6698e+00	7.1784e+00
	566	0.0000e+00	0.0000e+00	0.0000e+00	7.2945e+00	6.4400e+00	1.6674e+00
	1809	0.0000e+00	0.0000e+00	0.0000e+00	1.6948e+00	1.2516e+01	1.7377e+00
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	6.4718e-01	1.2856e+01	1.4051e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	6.7940e+00	5.7101e+00	1.4750e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	7.7190e+00	8.4822e+00	9.0953e+00
	1808	0.0000e+00	0.0000e+00	0.0000e+00	1.0883e+00	1.2903e+01	8.3967e+00
772	1806	0.0000e+00	0.0000e+00	0.0000e+00	-5.3528e+00	7.6965e+00	1.6701e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-2.0331e+00	6.6427e-01	2.2455e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	6.1172e+00	1.1669e+01	1.8672e+01
	1807	0.0000e+00	0.0000e+00	0.0000e+00	-2.2499e+00	1.2375e+01	1.2917e+01
773	75	0.0000e+00	0.0000e+00	0.0000e+00	-8.9561e+00	-3.1298e+01	-1.0466e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.6561e+01	-1.6848e+01	1.9762e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-5.5778e+00	2.1842e+01	3.7692e+01
	1806	0.0000e+00	0.0000e+00	0.0000e+00	-2.0826e+01	-3.8446e-01	7.4644e+00
774	1805	0.0000e+00	0.0000e+00	0.0000e+00	-1.7198e+01	-1.7714e+01	-1.2467e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-8.5323e+00	1.3349e+01	-3.3342e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-6.0914e+01	-4.1055e+01	-2.2638e+01
	74	0.0000e+00	0.0000e+00	0.0000e+00	-5.6380e+00	-3.1886e+01	-1.7632e+00
775	1804	0.0000e+00	0.0000e+00	0.0000e+00	-3.7693e+00	-3.4696e+00	-1.7268e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	1.3850e+00	5.7116e+00	-2.1443e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-6.3176e+00	-1.9778e+01	-2.3228e+01
	1805	0.0000e+00	0.0000e+00	0.0000e+00	-4.2310e+00	-6.9442e+00	-1.9053e+01
776	1803	0.0000e+00	0.0000e+00	0.0000e+00	-8.3266e-01	4.2557e-01	-1.5601e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	3.2693e+00	4.9165e+00	-1.5948e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	1.3130e+00	-1.0713e+01	-1.8924e+01
	1804	0.0000e+00	0.0000e+00	0.0000e+00	4.4494e-01	-1.3515e-01	-1.8577e+01
777	1802	0.0000e+00	0.0000e+00	0.0000e+00	-8.0455e-02	2.9175e+00	-1.2313e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	3.3066e+00	5.3274e+00	-1.2004e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	2.7964e+00	-5.4289e+00	-1.4851e+01
	1803	0.0000e+00	0.0000e+00	0.0000e+00	1.0329e+00	2.8025e+00	-1.5159e+01
778	1801	0.0000e+00	0.0000e+00	0.0000e+00	1.7789e-01	4.6600e+00	-9.0323e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	3.1938e+00	5.8640e+00	-8.7457e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	2.8787e+00	-1.8520e+00	-1.1312e+01
	1802	0.0000e+00	0.0000e+00	0.0000e+00	1.0534e+00	4.6019e+00	-1.1599e+01
779	1800	0.0000e+00	0.0000e+00	0.0000e+00	3.2435e-01	6.0152e+00	-5.9145e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	3.2656e+00	6.3393e+00	-5.7650e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	2.8839e+00	6.8694e-01	-8.1608e+00
	1801	0.0000e+00	0.0000e+00	0.0000e+00	9.9836e-01	5.9115e+00	-8.3102e+00
780	1799	0.0000e+00	0.0000e+00	0.0000e+00	4.0118e-01	7.1433e+00	-2.8750e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	3.4891e+00	6.7680e+00	-2.8090e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	3.0510e+00	2.5255e+00	-5.1697e+00
	1800	0.0000e+00	0.0000e+00	0.0000e+00	9.6821e-01	6.9788e+00	-5.2356e+00
781	1798	0.0000e+00	0.0000e+00	0.0000e+00	2.3522e-01	7.9740e+00	1.9866e-02
	445	0.0000e+00	0.0000e+00	0.0000e+00	3.3574e+00	7.1243e+00	2.9874e-01
	447	0.0000e+00	0.0000e+00	0.0000e+00	3.2965e+00	3.9634e+00	-2.0460e+00
	1799	0.0000e+00	0.0000e+00	0.0000e+00	8.4142e-01	7.9098e+00	-2.3249e+00
782	1797	0.0000e+00	0.0000e+00	0.0000e+00	-1.6274e+00	7.0556e+00	1.4304e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	7.4946e-01	6.9595e+00	3.3392e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	2.9775e+00	5.5073e+00	1.7353e+00
	1798	0.0000e+00	0.0000e+00	0.0000e+00	-1.2271e-01	8.6921e+00	-1.7351e-01

783 73 0.0000e+00 0.0000e+00 0.0000e+00 -3.4828e+00 -7.2489e+00 -8.4308e+00  
7 0.0000e+00 0.0000e+00 0.0000e+00 -2.3752e+01 3.7704e+00 1.9991e+00  
443 0.0000e+00 0.0000e+00 0.0000e+00 -5.1730e-01 8.6371e+00 8.7170e+00  
1797 0.0000e+00 0.0000e+00 0.0000e+00 -6.3209e+00 5.9152e+00 -1.7128e+00

784 1371 0.0000e+00 0.0000e+00 0.0000e+00 4.0012e+00 -1.5123e+01 -3.8579e+01  
1796 0.0000e+00 0.0000e+00 0.0000e+00 1.6699e+01 2.1604e+01 -2.1950e+01  
85 0.0000e+00 0.0000e+00 0.0000e+00 -1.5312e+01 3.4769e+01 -8.7001e+00  
30 0.0000e+00 0.0000e+00 0.0000e+00 6.8531e+01 4.4393e+01 -2.5329e+01

785 1370 0.0000e+00 0.0000e+00 0.0000e+00 -2.5964e+00 -7.3611e+00 -2.4849e+01  
1795 0.0000e+00 0.0000e+00 0.0000e+00 3.4204e+00 1.8368e+00 -2.1571e+01  
1796 0.0000e+00 0.0000e+00 0.0000e+00 4.1106e+00 5.7127e+00 -2.4610e+01  
1371 0.0000e+00 0.0000e+00 0.0000e+00 3.1242e+00 2.1128e+01 -2.7888e+01

786 1369 0.0000e+00 0.0000e+00 0.0000e+00 -3.6270e+00 -6.9876e+00 -1.8616e+01  
1794 0.0000e+00 0.0000e+00 0.0000e+00 7.8338e-01 -2.0304e+00 -1.8722e+01  
1795 0.0000e+00 0.0000e+00 0.0000e+00 -8.8827e-01 -1.6591e+00 -2.2492e+01  
1370 0.0000e+00 0.0000e+00 0.0000e+00 -2.1630e+00 1.1011e+01 -2.2386e+01

787 1368 0.0000e+00 0.0000e+00 0.0000e+00 -3.2683e+00 -7.3102e+00 -1.4085e+01  
1793 0.0000e+00 0.0000e+00 0.0000e+00 1.2238e-01 -4.7184e+00 -1.4594e+01  
1794 0.0000e+00 0.0000e+00 0.0000e+00 -1.1557e+00 -4.7296e+00 -1.7972e+01  
1369 0.0000e+00 0.0000e+00 0.0000e+00 -2.9857e+00 4.7710e+00 -1.7463e+01

788 1367 0.0000e+00 0.0000e+00 0.0000e+00 -2.9841e+00 -7.4639e+00 -1.0391e+01  
1792 0.0000e+00 0.0000e+00 0.0000e+00 -1.4060e-01 -6.4876e+00 -1.0742e+01  
1793 0.0000e+00 0.0000e+00 0.0000e+00 -1.0327e+00 -6.5331e+00 -1.3689e+01  
1368 0.0000e+00 0.0000e+00 0.0000e+00 -2.7779e+00 4.7119e-01 -1.3338e+01

789 1366 0.0000e+00 0.0000e+00 0.0000e+00 -3.0215e+00 -7.3134e+00 -7.0572e+00  
1791 0.0000e+00 0.0000e+00 0.0000e+00 -3.3749e-01 -7.6847e+00 -7.1707e+00  
1792 0.0000e+00 0.0000e+00 0.0000e+00 -8.8978e-01 -7.6789e+00 -9.8758e+00  
1367 0.0000e+00 0.0000e+00 0.0000e+00 -2.6913e+00 -2.5172e+00 -9.7622e+00

790 1365 0.0000e+00 0.0000e+00 0.0000e+00 -3.3379e+00 -6.9110e+00 -3.7643e+00  
1790 0.0000e+00 0.0000e+00 0.0000e+00 -4.9788e-01 -8.4741e+00 -3.6993e+00  
1791 0.0000e+00 0.0000e+00 0.0000e+00 -8.1374e-01 -8.4049e+00 -6.3618e+00  
1366 0.0000e+00 0.0000e+00 0.0000e+00 -2.8949e+00 -4.5221e+00 -6.4268e+00

791 1364 0.0000e+00 0.0000e+00 0.0000e+00 -3.4763e+00 -6.2676e+00 -2.7985e-01  
1789 0.0000e+00 0.0000e+00 0.0000e+00 -4.8552e-01 -8.7995e+00 -2.9915e-01  
1790 0.0000e+00 0.0000e+00 0.0000e+00 -6.9200e-01 -8.8303e+00 -2.9971e+00  
1365 0.0000e+00 0.0000e+00 0.0000e+00 -3.3076e+00 -5.8435e+00 -2.9778e+00

792 1363 0.0000e+00 0.0000e+00 0.0000e+00 -1.7292e+00 -4.9797e+00 3.1566e+00  
1788 0.0000e+00 0.0000e+00 0.0000e+00 1.4261e+00 -6.9610e+00 1.6912e+00  
1789 0.0000e+00 0.0000e+00 0.0000e+00 2.0177e-01 -9.0851e+00 -3.3009e-01  
1364 0.0000e+00 0.0000e+00 0.0000e+00 -3.3705e+00 -6.9320e+00 1.1353e+00

793 29 0.0000e+00 0.0000e+00 0.0000e+00 2.6887e+01 -6.2735e-02 2.7214e-01  
84 0.0000e+00 0.0000e+00 0.0000e+00 -3.6219e+00 1.1598e+01 -8.8233e+00  
1788 0.0000e+00 0.0000e+00 0.0000e+00 6.6919e+00 -3.7726e+00 -2.8550e-01  
1363 0.0000e+00 0.0000e+00 0.0000e+00 -1.2132e+00 -9.5752e+00 8.8099e+00

794 1296 0.0000e+00 0.0000e+00 0.0000e+00 1.2134e+00 9.5745e+00 8.8098e+00  
1787 0.0000e+00 0.0000e+00 0.0000e+00 -6.6917e+00 3.7728e+00 -2.8559e-01  
82 0.0000e+00 0.0000e+00 0.0000e+00 3.6216e+00 -1.1598e+01 -8.8232e+00  
27 0.0000e+00 0.0000e+00 0.0000e+00 -2.6887e+01 6.3619e-02 2.7218e-01

795 1295 0.0000e+00 0.0000e+00 0.0000e+00 3.3707e+00 6.9313e+00 1.1353e+00  
1786 0.0000e+00 0.0000e+00 0.0000e+00 -2.0165e-01 9.0849e+00 -3.3015e-01  
1787 0.0000e+00 0.0000e+00 0.0000e+00 -1.4261e+00 6.9608e+00 1.6911e+00  
1296 0.0000e+00 0.0000e+00 0.0000e+00 1.7294e+00 4.9800e+00 3.1566e+00

796 1294 0.0000e+00 0.0000e+00 0.0000e+00 3.3077e+00 5.8429e+00 -2.9778e+00  
1785 0.0000e+00 0.0000e+00 0.0000e+00 6.9209e-01 8.8299e+00 -2.9971e+00  
1786 0.0000e+00 0.0000e+00 0.0000e+00 4.8553e-01 8.7991e+00 -2.9921e-01  
1295 0.0000e+00 0.0000e+00 0.0000e+00 3.4765e+00 6.2676e+00 -2.7989e-01

797 1293 0.0000e+00 0.0000e+00 0.0000e+00 2.8951e+00 4.5215e+00 -6.4268e+00  
1784 0.0000e+00 0.0000e+00 0.0000e+00 8.1381e-01 8.4044e+00 -6.3618e+00  
1785 0.0000e+00 0.0000e+00 0.0000e+00 4.9792e-01 8.4736e+00 -3.6993e+00  
1294 0.0000e+00 0.0000e+00 0.0000e+00 3.3381e+00 6.9106e+00 -3.7643e+00

798 1292 0.0000e+00 0.0000e+00 0.0000e+00 2.6915e+00 2.5168e+00 -9.7622e+00  
1783 0.0000e+00 0.0000e+00 0.0000e+00 8.8983e-01 7.6784e+00 -9.8757e+00  
1784 0.0000e+00 0.0000e+00 0.0000e+00 3.3756e-01 7.6842e+00 -7.1707e+00

	1293	0.0000e+00	0.0000e+00	0.0000e+00	3.0217e+00	7.3128e+00	-7.0572e+00
799	1291	0.0000e+00	0.0000e+00	0.0000e+00	2.7782e+00	-4.7129e-01	-1.3338e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	1.0327e+00	6.5327e+00	-1.3689e+01
	1783	0.0000e+00	0.0000e+00	0.0000e+00	1.4071e-01	6.4872e+00	-1.0742e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	2.9843e+00	7.4632e+00	-1.0391e+01
800	1290	0.0000e+00	0.0000e+00	0.0000e+00	2.9861e+00	-4.7706e+00	-1.7463e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	1.1557e+00	4.7294e+00	-1.7972e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	-1.2221e-01	4.7182e+00	-1.4594e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	3.2685e+00	7.3095e+00	-1.4085e+01
801	1289	0.0000e+00	0.0000e+00	0.0000e+00	2.1635e+00	-1.1010e+01	-2.2386e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	8.8828e-01	1.6594e+00	-2.2492e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-7.8315e-01	2.0305e+00	-1.8722e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	3.6273e+00	6.9869e+00	-1.8616e+01
802	1288	0.0000e+00	0.0000e+00	0.0000e+00	-3.1234e+00	-2.1126e+01	-2.7888e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-4.1105e+00	-5.7118e+00	-2.4610e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	-3.4201e+00	-1.8361e+00	-2.1571e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	2.5968e+00	7.3605e+00	-2.4849e+01
803	26	0.0000e+00	0.0000e+00	0.0000e+00	-6.8530e+01	-4.4390e+01	-2.5330e+01
	81	0.0000e+00	0.0000e+00	0.0000e+00	1.5312e+01	-3.4767e+01	-8.7006e+00
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-1.6699e+01	-2.1602e+01	-2.1950e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-4.0006e+00	1.5122e+01	-3.8579e+01
804	1778	0.0000e+00	0.0000e+00	0.0000e+00	6.3211e+00	-5.9143e+00	-1.7125e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	5.1776e-01	-8.6369e+00	8.7174e+00
	5	0.0000e+00	0.0000e+00	0.0000e+00	2.3752e+01	-3.7689e+00	1.9993e+00
	71	0.0000e+00	0.0000e+00	0.0000e+00	3.4831e+00	7.2500e+00	-8.4305e+00
805	1777	0.0000e+00	0.0000e+00	0.0000e+00	1.2287e-01	-8.6915e+00	-1.7294e-01
	340	0.0000e+00	0.0000e+00	0.0000e+00	-2.9771e+00	-5.5072e+00	1.7358e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	-7.4895e-01	-6.9586e+00	3.3397e+00
	1778	0.0000e+00	0.0000e+00	0.0000e+00	1.6274e+00	-7.0549e+00	1.4309e+00
806	1776	0.0000e+00	0.0000e+00	0.0000e+00	-8.4130e-01	-7.9093e+00	-2.3242e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-3.2962e+00	-3.9632e+00	-2.0453e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	-3.3570e+00	-7.1237e+00	2.9935e-01
	1777	0.0000e+00	0.0000e+00	0.0000e+00	-2.3515e-01	-7.9735e+00	2.0452e-02
807	1775	0.0000e+00	0.0000e+00	0.0000e+00	-9.6814e-01	-6.9783e+00	-5.2349e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-3.0507e+00	-2.5252e+00	-5.1689e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-3.4888e+00	-6.7676e+00	-2.8083e+00
	1776	0.0000e+00	0.0000e+00	0.0000e+00	-4.0111e-01	-7.1429e+00	-2.8743e+00
808	1774	0.0000e+00	0.0000e+00	0.0000e+00	-9.9832e-01	-5.9110e+00	-8.3094e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-2.8836e+00	-6.8645e-01	-8.1599e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-3.2654e+00	-6.3391e+00	-5.7642e+00
	1775	0.0000e+00	0.0000e+00	0.0000e+00	-3.2427e-01	-6.0148e+00	-5.9137e+00
809	1773	0.0000e+00	0.0000e+00	0.0000e+00	-1.0534e+00	-4.6014e+00	-1.1598e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.8785e+00	1.8527e+00	-1.1311e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-3.1936e+00	-5.8638e+00	-8.7448e+00
	1774	0.0000e+00	0.0000e+00	0.0000e+00	-1.7782e-01	-4.6594e+00	-9.0314e+00
810	1772	0.0000e+00	0.0000e+00	0.0000e+00	-1.0329e+00	-2.8019e+00	-1.5158e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-2.7962e+00	5.4297e+00	-1.4849e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-3.3065e+00	-5.3270e+00	-1.2003e+01
	1773	0.0000e+00	0.0000e+00	0.0000e+00	8.0517e-02	-2.9169e+00	-1.2312e+01
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	-4.4496e-01	1.3592e-01	-1.8576e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-1.3129e+00	1.0714e+01	-1.8923e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-3.2692e+00	-4.9161e+00	-1.5947e+01
	1772	0.0000e+00	0.0000e+00	0.0000e+00	8.3270e-01	-4.2483e-01	-1.5600e+01
812	1770	0.0000e+00	0.0000e+00	0.0000e+00	4.2310e+00	6.9450e+00	-1.9052e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	6.3175e+00	1.9779e+01	-2.3227e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-1.3850e+00	-5.7110e+00	-2.1442e+01
	1771	0.0000e+00	0.0000e+00	0.0000e+00	3.7693e+00	3.4704e+00	-1.7267e+01
813	70	0.0000e+00	0.0000e+00	0.0000e+00	5.6371e+00	3.1885e+01	-1.7624e+00
	4	0.0000e+00	0.0000e+00	0.0000e+00	6.0914e+01	4.1056e+01	-2.2637e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	8.5322e+00	-1.3348e+01	-3.3340e+01
	1770	0.0000e+00	0.0000e+00	0.0000e+00	1.7198e+01	1.7715e+01	-1.2466e+01
814	1769	0.0000e+00	0.0000e+00	0.0000e+00	2.0825e+01	3.8220e-01	7.4665e+00
	233	0.0000e+00	0.0000e+00	0.0000e+00	5.5748e+00	-2.1839e+01	3.7694e+01

		3	0.0000e+00	0.0000e+00	0.0000e+00	7.6557e+01	1.6841e+01	1.9763e+01
		69	0.0000e+00	0.0000e+00	0.0000e+00	8.9533e+00	3.1296e+01	-1.0464e+01
815	1768	0.0000e+00	0.0000e+00	0.0000e+00	2.2488e+00	-1.2376e+01	1.2918e+01	
	231	0.0000e+00	0.0000e+00	0.0000e+00	-6.1192e+00	-1.1667e+01	1.8673e+01	
	233	0.0000e+00	0.0000e+00	0.0000e+00	2.0300e+00	-6.6786e-01	2.2456e+01	
	1769	0.0000e+00	0.0000e+00	0.0000e+00	5.3525e+00	-7.6977e+00	1.6702e+01	
816	1767	0.0000e+00	0.0000e+00	0.0000e+00	-1.0890e+00	-1.2902e+01	8.3973e+00	
	229	0.0000e+00	0.0000e+00	0.0000e+00	-7.7208e+00	-8.4798e+00	9.0959e+00	
	231	0.0000e+00	0.0000e+00	0.0000e+00	-6.7961e+00	-5.7112e+00	1.4751e+01	
	1768	0.0000e+00	0.0000e+00	0.0000e+00	-6.4751e-01	-1.2856e+01	1.4052e+01	
817	1766	0.0000e+00	0.0000e+00	0.0000e+00	-1.6953e+00	-1.2515e+01	1.7380e+00	
	227	0.0000e+00	0.0000e+00	0.0000e+00	-7.2963e+00	-6.4383e+00	1.6678e+00	
	229	0.0000e+00	0.0000e+00	0.0000e+00	-7.8145e+00	-7.6691e+00	7.1789e+00	
	1767	0.0000e+00	0.0000e+00	0.0000e+00	-1.3144e+00	-1.2865e+01	7.2491e+00	
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	-1.8361e+00	-1.1651e+01	-5.0732e+00	
	225	0.0000e+00	0.0000e+00	0.0000e+00	-6.9337e+00	-4.0915e+00	-5.0190e+00	
	227	0.0000e+00	0.0000e+00	0.0000e+00	-7.4134e+00	-8.5822e+00	2.9353e-01	
	1766	0.0000e+00	0.0000e+00	0.0000e+00	-1.2505e+00	-1.1890e+01	2.3936e-01	
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	-1.9438e+00	-1.0393e+01	-1.2027e+01	
	223	0.0000e+00	0.0000e+00	0.0000e+00	-6.9667e+00	-8.8632e-01	-1.1700e+01	
	225	0.0000e+00	0.0000e+00	0.0000e+00	-7.2292e+00	-8.9275e+00	-6.2948e+00	
	1765	0.0000e+00	0.0000e+00	0.0000e+00	-1.0421e+00	-1.0477e+01	-6.6217e+00	
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	-1.8809e+00	-8.4796e+00	-1.9271e+01	
	221	0.0000e+00	0.0000e+00	0.0000e+00	-6.9873e+00	3.6584e+00	-1.8899e+01	
	223	0.0000e+00	0.0000e+00	0.0000e+00	-7.4535e+00	-8.9166e+00	-1.3140e+01	
	1764	0.0000e+00	0.0000e+00	0.0000e+00	-6.8534e-01	-8.5582e+00	-1.3513e+01	
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	-7.6899e-01	-4.8705e+00	-2.6109e+01	
	219	0.0000e+00	0.0000e+00	0.0000e+00	-4.5612e+00	1.0581e+01	-2.6958e+01	
	221	0.0000e+00	0.0000e+00	0.0000e+00	-7.4947e+00	-9.0710e+00	-2.1074e+01	
	1763	0.0000e+00	0.0000e+00	0.0000e+00	5.0429e-01	-5.6545e+00	-2.0225e+01	
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	8.2062e+00	5.7844e+00	-2.7179e+01	
	217	0.0000e+00	0.0000e+00	0.0000e+00	8.9923e+00	2.3446e+01	-3.5231e+01	
	219	0.0000e+00	0.0000e+00	0.0000e+00	-4.2460e+00	-1.1460e+01	-3.1787e+01	
	1762	0.0000e+00	0.0000e+00	0.0000e+00	5.6996e+00	-8.4150e-01	-2.3736e+01	
823	68	0.0000e+00	0.0000e+00	0.0000e+00	6.8922e+00	5.4541e+01	7.8585e+00	
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.1550e+02	5.7612e+01	-3.1896e+01	
	217	0.0000e+00	0.0000e+00	0.0000e+00	1.3456e+01	-2.6410e+01	-5.4953e+01	
	1761	0.0000e+00	0.0000e+00	0.0000e+00	3.1196e+01	2.3824e+01	-1.5199e+01	
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	3.4249e+01	1.4011e+01	1.0179e+01	
	117	0.0000e+00	0.0000e+00	0.0000e+00	1.3626e+01	-3.4469e+01	5.2303e+01	
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.1421e+02	3.6783e+01	2.6455e+01	
	68	0.0000e+00	0.0000e+00	0.0000e+00	8.5552e+00	4.6461e+01	-1.5669e+01	
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	6.2889e+00	-1.3310e+01	1.9011e+01	
	115	0.0000e+00	0.0000e+00	0.0000e+00	-3.6871e+00	-1.9575e+01	2.9058e+01	
	117	0.0000e+00	0.0000e+00	0.0000e+00	7.3822e+00	7.8344e+00	3.1935e+01	
	1760	0.0000e+00	0.0000e+00	0.0000e+00	1.3081e+01	-4.9040e+00	2.1888e+01	
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	1.5308e-01	-1.5908e+01	1.6601e+01	
	113	0.0000e+00	0.0000e+00	0.0000e+00	-7.0021e+00	-1.5572e+01	1.8008e+01	
	115	0.0000e+00	0.0000e+00	0.0000e+00	-4.7148e+00	-2.6066e+00	2.3799e+01	
	1759	0.0000e+00	0.0000e+00	0.0000e+00	3.6797e-01	-1.5300e+01	2.2391e+01	
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	-1.1309e+00	-1.6736e+01	1.0294e+01	
	111	0.0000e+00	0.0000e+00	0.0000e+00	-6.3271e+00	-1.3146e+01	9.8967e+00	
	113	0.0000e+00	0.0000e+00	0.0000e+00	-6.9514e+00	-7.9461e+00	1.5516e+01	
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-1.2125e+00	-1.6999e+01	1.5913e+01	
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	-1.3179e+00	-1.6222e+01	3.9214e+00	
	109	0.0000e+00	0.0000e+00	0.0000e+00	-4.8656e+00	-1.0277e+01	3.3294e+00	
	111	0.0000e+00	0.0000e+00	0.0000e+00	-6.1130e+00	-1.1353e+01	8.3583e+00	
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-1.1231e+00	-1.6723e+01	8.9503e+00	
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	-1.2321e+00	-1.4576e+01	-1.9701e+00	
	107	0.0000e+00	0.0000e+00	0.0000e+00	-3.2920e+00	-5.9969e+00	-2.4000e+00	
	109	0.0000e+00	0.0000e+00	0.0000e+00	-4.7870e+00	-1.3677e+01	2.1227e+00	
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-5.0138e-01	-1.5274e+01	2.5526e+00	
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	-8.6354e-01	-1.1477e+01	-7.2118e+00	

	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.2878e+00	3.7272e-01	-7.6558e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-3.3984e+00	-1.5190e+01	-3.5634e+00
	1755	0.0000e+00	0.0000e+00	0.0000e+00	4.5785e-01	-1.2547e+01	-3.1195e+00
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	4.6601e-01	-6.0978e+00	-1.1138e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	2.8904e+00	9.8112e+00	-1.2577e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.4331e+00	-1.6225e+01	-9.1732e+00
	1754	0.0000e+00	0.0000e+00	0.0000e+00	2.2306e+00	-7.9744e+00	-7.7339e+00
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	6.7123e+00	4.2435e+00	-1.0770e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	1.3918e+01	2.4797e+01	-1.6743e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	3.2834e+00	-1.8017e+01	-1.5384e+01
	1753	0.0000e+00	0.0000e+00	0.0000e+00	6.7284e+00	-5.2100e-01	-9.4112e+00
833	67	0.0000e+00	0.0000e+00	0.0000e+00	1.3955e+01	2.6636e+01	4.2429e+00
	1	0.0000e+00	0.0000e+00	0.0000e+00	6.4556e+01	5.2273e+01	-1.8289e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	1.7515e+01	-2.5166e+01	-2.6105e+01
	1752	0.0000e+00	0.0000e+00	0.0000e+00	2.0938e+01	1.8056e+01	-3.5730e+00
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	-2.7474e-01	2.4209e+01	4.1750e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-2.1101e+01	-7.0668e+00	1.6413e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	1.6270e+01	-3.9662e+01	-5.8276e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	-8.7194e+01	-2.5446e+01	1.9510e+01
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	7.3047e+00	1.4484e+01	2.0526e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-2.2075e+00	1.3456e+01	1.5985e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-5.0846e+00	7.8153e+00	2.1171e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	1.3005e+00	-3.8202e+00	2.5712e+01
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	7.8305e+00	1.2207e+01	1.0049e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	8.5425e-01	1.4772e+01	1.0015e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	1.2732e+00	1.4716e+01	1.6655e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	7.3447e+00	3.6992e+00	1.6689e+01
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	6.9420e+00	1.0250e+01	1.8327e+00
	1748	0.0000e+00	0.0000e+00	0.0000e+00	1.4121e+00	1.5278e+01	2.2087e+00
	1749	0.0000e+00	0.0000e+00	0.0000e+00	1.5100e+00	1.5577e+01	8.4567e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	7.5792e+00	7.8245e+00	8.0808e+00
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	6.4720e+00	7.3950e+00	-5.5734e+00
	1747	0.0000e+00	0.0000e+00	0.0000e+00	1.6391e+00	1.4943e+01	-5.5593e+00
	1748	0.0000e+00	0.0000e+00	0.0000e+00	1.2415e+00	1.5111e+01	4.0651e-01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	6.8973e+00	1.0456e+01	3.9237e-01
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	6.6994e+00	3.1450e+00	-1.3052e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	1.9224e+00	1.3843e+01	-1.3530e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	9.2150e-01	1.3837e+01	-7.4024e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	6.7645e+00	1.2001e+01	-6.9240e+00
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	7.2982e+00	-2.9125e+00	-2.1303e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	2.1283e+00	1.1749e+01	-2.2085e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	5.5471e-01	1.1696e+01	-1.5369e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	7.3432e+00	1.2621e+01	-1.4587e+01
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	6.0352e+00	-1.1700e+01	-3.0866e+01
	1744	0.0000e+00	0.0000e+00	0.0000e+00	1.5461e+00	7.6860e+00	-3.0823e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	-4.8391e-01	8.2581e+00	-2.3558e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	8.1493e+00	1.2784e+01	-2.3601e+01
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	-3.9234e+00	-2.6560e+01	-4.1176e+01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-8.1428e+00	-4.3929e+00	-3.4454e+01
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-5.2812e+00	3.2565e+00	-2.9005e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	6.3609e+00	1.4278e+01	-3.5727e+01
843	24	0.0000e+00	0.0000e+00	0.0000e+00	-1.3098e+02	-6.4588e+01	-3.3836e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	2.7005e+01	-6.2572e+01	1.4431e-01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-3.1311e+01	-3.1080e+01	-2.8426e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-6.2098e+00	2.9375e+01	-6.2407e+01
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	-6.0911e+00	3.7938e+01	5.7049e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-3.4438e+01	-2.3434e+01	2.1223e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	2.5508e+01	-5.7520e+01	-1.0527e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	-1.2973e+02	-4.7456e+01	2.5299e+01
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	6.1141e+00	2.2824e+01	3.0810e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-5.9545e+00	1.5361e+01	2.2351e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-1.3252e+01	4.3515e+00	2.6816e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-1.6260e+00	-1.3157e+01	3.5274e+01

846	1150	0.0000e+00	0.0000e+00	0.0000e+00	7.6528e+00	2.0329e+01	1.8430e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-1.4552e-01	1.8539e+01	1.8135e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	6.9575e-01	1.7750e+01	2.5296e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	6.2874e+00	-1.5250e-01	2.5591e+01
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	6.0310e+00	1.8359e+01	9.2199e+00
	1739	0.0000e+00	0.0000e+00	0.0000e+00	9.0537e-01	2.0351e+01	1.0265e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	1.6479e+00	2.0492e+01	1.6874e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	7.1455e+00	7.6133e+00	1.5829e+01
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	4.0300e+00	1.5307e+01	1.7936e+00
	1738	0.0000e+00	0.0000e+00	0.0000e+00	1.0455e+00	2.0504e+01	2.7447e+00
	1739	0.0000e+00	0.0000e+00	0.0000e+00	1.2236e+00	2.0921e+01	8.5225e+00
	1149	0.0000e+00	0.0000e+00	0.0000e+00	5.5426e+00	1.3118e+01	7.5714e+00
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.2247e+00	1.0250e+01	-4.6561e+00
	1737	0.0000e+00	0.0000e+00	0.0000e+00	1.0568e+00	1.9152e+01	-4.1327e+00
	1738	0.0000e+00	0.0000e+00	0.0000e+00	3.8902e-01	1.9814e+01	1.0310e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	3.8229e+00	1.7098e+01	5.0767e-01
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	4.9517e-01	2.5640e+00	-1.0601e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	1.0043e+00	1.5987e+01	-1.0462e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	-6.2177e-01	1.7046e+01	-5.6833e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.3678e+00	1.9716e+01	-5.8220e+00
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	-2.1280e+00	-8.5502e+00	-1.6310e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	5.8378e-01	1.0306e+01	-1.6069e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-2.0647e+00	1.2136e+01	-1.1672e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	9.5045e-01	2.1101e+01	-1.1914e+01
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	-7.0982e+00	-2.4845e+01	-2.1284e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-4.6528e+00	-1.3198e+00	-1.8546e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-5.3417e+00	4.7921e+00	-1.5580e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.5426e+00	2.1644e+01	-1.8318e+01
853	23	0.0000e+00	0.0000e+00	0.0000e+00	-5.9203e+01	-5.2902e+01	-1.9126e+01
	78	0.0000e+00	0.0000e+00	0.0000e+00	1.5444e+01	-3.0173e+01	-8.1222e+00
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-1.6426e+01	-1.9459e+01	-1.8184e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-7.7710e+00	2.5909e+01	-2.9187e+01
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	6.2564e+01	6.9477e+00	-1.7706e+00
	90	0.0000e+00	0.0000e+00	0.0000e+00	2.8574e+01	-1.4560e+01	7.9350e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	1.1234e+02	2.0194e+01	9.9209e-01
	196	0.0000e+00	0.0000e+00	0.0000e+00	-1.1683e+00	1.2139e+01	-8.7135e+00
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	3.7607e+01	8.2567e+00	-2.7991e+00
	1733	0.0000e+00	0.0000e+00	0.0000e+00	3.9424e+01	-6.8603e-01	-4.5828e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	7.8508e+01	1.4590e+01	-5.5527e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	-5.1588e+00	7.5270e+00	-3.7690e+00
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	1.9486e+01	6.5886e+00	2.4545e-01
	1732	0.0000e+00	0.0000e+00	0.0000e+00	2.3289e+01	-2.0682e+00	-1.6314e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	5.4572e+01	1.0674e+01	-2.9796e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.5671e+01	4.6300e+00	-1.1027e+00
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	3.8539e+00	5.3653e+00	1.9868e+00
	1731	0.0000e+00	0.0000e+00	0.0000e+00	7.2440e+00	-2.3380e+00	8.6975e-01
	174	0.0000e+00	0.0000e+00	0.0000e+00	3.5141e+01	7.6688e+00	-6.9377e-01
	163	0.0000e+00	0.0000e+00	0.0000e+00	-2.6349e+01	2.9953e+00	4.2324e-01
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	-9.8768e+00	4.5427e+00	2.8675e+00
	1730	0.0000e+00	0.0000e+00	0.0000e+00	-6.9258e+00	-2.3993e+00	2.2937e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	1.8535e+01	5.7984e+00	6.7486e-01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-3.6522e+01	1.9934e+00	1.2487e+00
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	-2.2254e+01	3.9362e+00	3.1507e+00
	1729	0.0000e+00	0.0000e+00	0.0000e+00	-1.9555e+01	-2.3759e+00	2.9746e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	3.8843e+00	4.5778e+00	1.4004e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	-4.6057e+01	1.3162e+00	1.5764e+00
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	-3.3647e+01	3.3758e+00	2.8440e+00
	1728	0.0000e+00	0.0000e+00	0.0000e+00	-3.1036e+01	-2.3709e+00	3.0680e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	-9.2910e+00	3.6920e+00	1.6802e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	-5.4929e+01	6.3461e-01	1.4562e+00
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	-4.4130e+01	2.6673e+00	1.7692e+00
	1727	0.0000e+00	0.0000e+00	0.0000e+00	-4.1733e+01	-2.5261e+00	2.4773e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	-2.1085e+01	2.7515e+00	1.5465e+00

	119	0.0000e+00	0.0000e+00	0.0000e+00	-6.3316e+01	-6.3814e-01	8.3840e-01
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	-5.1207e+01	6.6641e-01	8.4480e-01
	1726	0.0000e+00	0.0000e+00	0.0000e+00	-5.1795e+01	-2.8275e+00	9.1620e-01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-3.0675e+01	9.7112e-01	6.9429e-01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-7.2180e+01	-2.0928e+00	6.2289e-01
863	89	0.0000e+00	0.0000e+00	0.0000e+00	-2.3571e+01	1.4655e+01	1.7946e+01
	1725	0.0000e+00	0.0000e+00	0.0000e+00	-6.5267e+01	6.2265e-01	4.3026e+00
	99	0.0000e+00	0.0000e+00	0.0000e+00	-3.2031e+01	-2.3721e+00	-1.2139e+00
	1	0.0000e+00	0.0000e+00	0.0000e+00	-8.4969e+01	-5.7148e+00	1.2429e+01
864	773	0.0000e+00	0.0000e+00	0.0000e+00	1.1527e+00	-1.2140e+01	-8.7185e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	-1.1236e+02	-2.0196e+01	9.8479e-01
	96	0.0000e+00	0.0000e+00	0.0000e+00	-2.8593e+01	1.4560e+01	7.9271e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-6.2581e+01	-6.9483e+00	-1.7762e+00
865	763	0.0000e+00	0.0000e+00	0.0000e+00	5.1439e+00	-7.5278e+00	-3.7724e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	-7.8523e+01	-1.4591e+01	-5.5577e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-3.9441e+01	6.8574e-01	-4.5877e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	-3.7624e+01	-8.2570e+00	-2.8025e+00
866	753	0.0000e+00	0.0000e+00	0.0000e+00	1.5657e+01	-4.6308e+00	-1.1042e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	-5.4587e+01	-1.0675e+01	-2.9826e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	-2.3305e+01	2.0681e+00	-1.6343e+00
	1722	0.0000e+00	0.0000e+00	0.0000e+00	-1.9502e+01	-6.5889e+00	2.4406e-01
867	743	0.0000e+00	0.0000e+00	0.0000e+00	2.6337e+01	-2.9958e+00	4.2367e-01
	753	0.0000e+00	0.0000e+00	0.0000e+00	-3.5157e+01	-7.6698e+00	-6.9476e-01
	1722	0.0000e+00	0.0000e+00	0.0000e+00	-7.2597e+00	2.3380e+00	8.6879e-01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	-3.8694e+00	-5.3657e+00	1.9872e+00
868	733	0.0000e+00	0.0000e+00	0.0000e+00	3.6512e+01	-1.9934e+00	1.2508e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.8551e+01	-5.7992e+00	6.7576e-01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	6.9111e+00	2.3996e+00	2.2946e+00
	1720	0.0000e+00	0.0000e+00	0.0000e+00	9.8625e+00	-4.5431e+00	2.8697e+00
869	723	0.0000e+00	0.0000e+00	0.0000e+00	4.6049e+01	-1.3153e+00	1.5802e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	-3.8998e+00	-4.5781e+00	1.4029e+00
	1720	0.0000e+00	0.0000e+00	0.0000e+00	1.9542e+01	2.3765e+00	2.9771e+00
	1719	0.0000e+00	0.0000e+00	0.0000e+00	2.2241e+01	-3.9366e+00	3.1543e+00
870	713	0.0000e+00	0.0000e+00	0.0000e+00	5.4926e+01	-6.3259e-01	1.4611e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	9.2759e+00	-3.6914e+00	1.6842e+00
	1719	0.0000e+00	0.0000e+00	0.0000e+00	3.1025e+01	2.3719e+00	3.0720e+00
	1718	0.0000e+00	0.0000e+00	0.0000e+00	3.3637e+01	-3.3761e+00	2.8489e+00
871	703	0.0000e+00	0.0000e+00	0.0000e+00	6.3317e+01	6.4148e-01	8.4407e-01
	713	0.0000e+00	0.0000e+00	0.0000e+00	2.1071e+01	-2.7500e+00	1.5516e+00
	1718	0.0000e+00	0.0000e+00	0.0000e+00	4.1725e+01	2.5277e+00	2.4825e+00
	1717	0.0000e+00	0.0000e+00	0.0000e+00	4.4123e+01	-2.6676e+00	1.7750e+00
872	693	0.0000e+00	0.0000e+00	0.0000e+00	7.2188e+01	2.0979e+00	6.2874e-01
	703	0.0000e+00	0.0000e+00	0.0000e+00	3.0661e+01	-9.6856e-01	7.0010e-01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	5.1792e+01	2.8300e+00	9.2207e-01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	5.1205e+01	-6.6661e-01	8.5071e-01
873	11	0.0000e+00	0.0000e+00	0.0000e+00	8.4988e+01	5.7264e+00	1.2432e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	3.2020e+01	2.3759e+00	-1.2073e+00
	1716	0.0000e+00	0.0000e+00	0.0000e+00	6.5270e+01	-6.1804e-01	4.3081e+00
	95	0.0000e+00	0.0000e+00	0.0000e+00	2.3583e+01	-1.4656e+01	1.7948e+01
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	-3.1747e+01	2.2568e+00	-6.8973e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	-7.6689e+01	3.5250e+00	6.2610e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	-2.2866e+01	1.1599e+01	1.1782e+01
	1715	0.0000e+00	0.0000e+00	0.0000e+00	-5.8302e+01	2.2104e+00	-1.3759e+00
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	-2.6172e+01	4.4298e+00	-5.7594e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-6.8235e+01	2.1333e+00	-5.2334e+00
	1715	0.0000e+00	0.0000e+00	0.0000e+00	-4.6661e+01	2.3287e+00	-4.2717e+00
	1714	0.0000e+00	0.0000e+00	0.0000e+00	-4.6656e+01	-1.8240e+00	-4.7977e+00
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	-1.3523e+01	5.5213e+00	-5.9212e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-6.0822e+01	2.4334e+00	-5.8192e+00
	1714	0.0000e+00	0.0000e+00	0.0000e+00	-3.8587e+01	3.8834e+00	-4.3354e+00
	1713	0.0000e+00	0.0000e+00	0.0000e+00	-3.5547e+01	-2.0685e+00	-4.4375e+00
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	1.2857e+00	6.2802e+00	-7.0222e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	-5.2281e+01	2.9608e+00	-6.2309e+00

	1713	0.0000e+00	0.0000e+00	0.0000e+00	-2.6419e+01	4.6261e+00	-4.4325e+00
	1712	0.0000e+00	0.0000e+00	0.0000e+00	-2.2937e+01	-2.1644e+00	-5.2238e+00
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	1.7506e+01	7.7015e+00	-8.8329e+00
	1476	0.0000e+00	0.0000e+00	0.0000e+00	-4.2344e+01	3.4698e+00	-7.3431e+00
	1712	0.0000e+00	0.0000e+00	0.0000e+00	-1.2624e+01	5.3664e+00	-5.6728e+00
	1711	0.0000e+00	0.0000e+00	0.0000e+00	-9.1258e+00	-2.0892e+00	-7.1627e+00
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	3.5936e+01	9.6255e+00	-1.0410e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	-3.2119e+01	4.9497e+00	-9.4548e+00
	1711	0.0000e+00	0.0000e+00	0.0000e+00	2.6914e+00	6.0895e+00	-7.9649e+00
	1710	0.0000e+00	0.0000e+00	0.0000e+00	3.1056e+00	-1.4619e+00	-8.9204e+00
880	22	0.0000e+00	0.0000e+00	0.0000e+00	6.0452e+01	4.6662e+00	-1.3878e-01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-2.7876e+01	7.9405e+00	-1.4185e+01
	1710	0.0000e+00	0.0000e+00	0.0000e+00	2.0845e+01	2.2492e+00	-5.7931e+00
	96	0.0000e+00	0.0000e+00	0.0000e+00	-1.7378e+01	-1.0674e+01	8.2531e+00
881	1709	0.0000e+00	0.0000e+00	0.0000e+00	5.8324e+01	-2.2012e+00	-1.3626e+00
	91	0.0000e+00	0.0000e+00	0.0000e+00	2.2888e+01	-1.1607e+01	1.1792e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	7.6744e+01	-3.4964e+00	6.2705e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	3.1730e+01	-2.2445e+00	-6.8843e+00
882	1708	0.0000e+00	0.0000e+00	0.0000e+00	4.6661e+01	1.8302e+00	-4.7841e+00
	1709	0.0000e+00	0.0000e+00	0.0000e+00	4.6670e+01	-2.3279e+00	-4.2591e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	6.8265e+01	-2.1189e+00	-5.2207e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	2.6154e+01	-4.4209e+00	-5.7457e+00
883	1707	0.0000e+00	0.0000e+00	0.0000e+00	3.5542e+01	2.0727e+00	-4.4235e+00
	1708	0.0000e+00	0.0000e+00	0.0000e+00	3.8585e+01	-3.8832e+00	-4.3216e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	6.0836e+01	-2.4230e+00	-5.8054e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	1.3503e+01	-5.5150e+00	-5.9073e+00
884	1706	0.0000e+00	0.0000e+00	0.0000e+00	2.2926e+01	2.1673e+00	-5.2104e+00
	1707	0.0000e+00	0.0000e+00	0.0000e+00	2.6409e+01	-4.6258e+00	-4.4187e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	5.2283e+01	-2.9535e+00	-6.2169e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	-1.3061e+00	-6.2759e+00	-7.0086e+00
885	1705	0.0000e+00	0.0000e+00	0.0000e+00	9.1114e+00	2.0908e+00	-7.1505e+00
	1706	0.0000e+00	0.0000e+00	0.0000e+00	1.2610e+01	-5.3661e+00	-5.6598e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	4.2337e+01	-3.4651e+00	-7.3296e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-1.7526e+01	-7.6991e+00	-8.8203e+00
886	1704	0.0000e+00	0.0000e+00	0.0000e+00	-3.1223e+00	1.4625e+00	-8.9099e+00
	1705	0.0000e+00	0.0000e+00	0.0000e+00	-2.7077e+00	-6.0894e+00	-7.9532e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	3.2107e+01	-4.9471e+00	-9.4423e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-3.5954e+01	-9.6246e+00	-1.0399e+01
887	90	0.0000e+00	0.0000e+00	0.0000e+00	1.7360e+01	1.0675e+01	8.2612e+00
	1704	0.0000e+00	0.0000e+00	0.0000e+00	-2.0863e+01	-2.2496e+00	-5.7831e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	2.7862e+01	-7.9398e+00	-1.4174e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	-6.0470e+01	-4.6688e+00	-1.2946e-01
888	33	0.0000e+00	0.0000e+00	0.0000e+00	5.5565e+01	2.7664e+01	1.8492e+00
	88	0.0000e+00	0.0000e+00	0.0000e+00	-1.1598e+01	2.9950e+01	-1.2212e+01
	94	0.0000e+00	0.0000e+00	0.0000e+00	1.9495e+01	1.1316e+01	-1.1779e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	-3.6505e+00	-8.4661e+00	1.2883e+01
889	77	0.0000e+00	0.0000e+00	0.0000e+00	-1.7435e+01	-2.1680e+01	-1.5095e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-6.1385e+01	-2.2607e+01	9.9800e+00
	95	0.0000e+00	0.0000e+00	0.0000e+00	-4.4080e+00	1.0046e+01	1.7708e+01
	98	0.0000e+00	0.0000e+00	0.0000e+00	-2.4262e+01	-6.3378e+00	-7.3673e+00
890	91	0.0000e+00	0.0000e+00	0.0000e+00	3.6744e+00	8.4638e+00	1.2893e+01
	93	0.0000e+00	0.0000e+00	0.0000e+00	-1.9489e+01	-1.1309e+01	-1.1739e+00
	78	0.0000e+00	0.0000e+00	0.0000e+00	1.1596e+01	-2.9931e+01	-1.2207e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	-5.5546e+01	-2.7638e+01	1.8608e+00
891	92	0.0000e+00	0.0000e+00	0.0000e+00	2.4270e+01	6.3409e+00	-7.3738e+00
	89	0.0000e+00	0.0000e+00	0.0000e+00	4.4273e+00	-1.0049e+01	1.7706e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	6.1409e+01	2.2622e+01	9.9760e+00
	67	0.0000e+00	0.0000e+00	0.0000e+00	1.7448e+01	2.1692e+01	-1.5104e+01
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	-2.5960e+01	6.1748e+00	-4.7566e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-1.8882e+01	6.4917e+00	-1.6816e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-4.8705e+01	7.7644e+00	-9.7165e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-2.0434e+01	-6.0135e+00	2.3429e+00
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	-1.4445e+01	5.8801e+00	-6.0301e+00



1702 0.0000e+00 0.0000e+00 0.0000e+00 -1.1498e+01 8.9024e-01 -1.1654e+01  
1703 0.0000e+00 0.0000e+00 0.0000e+00 -1.5424e+01 8.4607e+00 -1.2016e+01  
1696 0.0000e+00 0.0000e+00 0.0000e+00 -2.1850e+01 4.1908e+00 -6.3927e+00

894 1694 0.0000e+00 0.0000e+00 0.0000e+00 -9.2103e+00 2.9134e+00 -6.5580e+00  
1701 0.0000e+00 0.0000e+00 0.0000e+00 -7.8743e+00 -1.2841e+00 -9.5395e+00  
1702 0.0000e+00 0.0000e+00 0.0000e+00 -9.6589e+00 6.1556e+00 -1.0364e+01  
1695 0.0000e+00 0.0000e+00 0.0000e+00 -1.3433e+01 3.5957e+00 -7.3828e+00

895 1693 0.0000e+00 0.0000e+00 0.0000e+00 -6.2778e+00 7.2517e-01 -6.2532e+00  
1700 0.0000e+00 0.0000e+00 0.0000e+00 -5.8545e+00 -2.9525e+00 -8.1153e+00  
1701 0.0000e+00 0.0000e+00 0.0000e+00 -6.6986e+00 3.8905e+00 -8.8360e+00  
1694 0.0000e+00 0.0000e+00 0.0000e+00 -9.1856e+00 1.6436e+00 -6.9738e+00

896 1692 0.0000e+00 0.0000e+00 0.0000e+00 -4.3541e+00 -1.1227e+00 -5.7834e+00  
1699 0.0000e+00 0.0000e+00 0.0000e+00 -4.7243e+00 -4.5020e+00 -7.0394e+00  
1700 0.0000e+00 0.0000e+00 0.0000e+00 -5.0462e+00 1.9864e+00 -7.6333e+00  
1693 0.0000e+00 0.0000e+00 0.0000e+00 -6.5628e+00 -2.1387e-01 -6.3773e+00

897 1691 0.0000e+00 0.0000e+00 0.0000e+00 -2.8568e+00 -2.7590e+00 -5.1941e+00  
1698 0.0000e+00 0.0000e+00 0.0000e+00 -4.2144e+00 -6.1687e+00 -6.1162e+00  
1699 0.0000e+00 0.0000e+00 0.0000e+00 -4.1450e+00 4.4335e-01 -6.6534e+00  
1692 0.0000e+00 0.0000e+00 0.0000e+00 -4.7842e+00 -1.8998e+00 -5.7313e+00

898 1690 0.0000e+00 0.0000e+00 0.0000e+00 -1.0516e+00 -3.9870e+00 -4.1604e+00  
1697 0.0000e+00 0.0000e+00 0.0000e+00 -4.1521e+00 -8.2398e+00 -5.0936e+00  
1698 0.0000e+00 0.0000e+00 0.0000e+00 -3.7797e+00 -7.0967e-01 -5.8005e+00  
1691 0.0000e+00 0.0000e+00 0.0000e+00 -3.3042e+00 -3.5589e+00 -4.8673e+00

899 1647 0.0000e+00 0.0000e+00 0.0000e+00 2.0075e+00 -1.2853e+00 -3.7790e-01  
28 0.0000e+00 0.0000e+00 0.0000e+00 -2.5267e+00 -1.1682e+01 -2.4534e+00  
1697 0.0000e+00 0.0000e+00 0.0000e+00 -3.7944e+00 -6.9165e-01 -5.2363e+00  
1690 0.0000e+00 0.0000e+00 0.0000e+00 -9.0651e-01 -5.5631e+00 -3.1608e+00

900 1689 0.0000e+00 0.0000e+00 0.0000e+00 -1.4774e+01 4.1522e-01 -1.4731e+00  
1696 0.0000e+00 0.0000e+00 0.0000e+00 -2.0186e+01 2.3529e+00 -1.6444e+00  
1352 0.0000e+00 0.0000e+00 0.0000e+00 -2.0242e+01 -3.6550e+00 -1.2523e+00  
1341 0.0000e+00 0.0000e+00 0.0000e+00 -1.5064e+01 -2.4958e+00 -1.0810e+00

901 1688 0.0000e+00 0.0000e+00 0.0000e+00 -1.3185e+01 3.5931e+00 -2.8209e+00  
1695 0.0000e+00 0.0000e+00 0.0000e+00 -1.4187e+01 4.6788e+00 -5.6802e+00  
1696 0.0000e+00 0.0000e+00 0.0000e+00 -1.8351e+01 4.4441e+00 -3.6033e+00  
1689 0.0000e+00 0.0000e+00 0.0000e+00 -1.4782e+01 1.4064e+00 -7.4395e-01

902 1687 0.0000e+00 0.0000e+00 0.0000e+00 -9.6251e+00 2.4720e+00 -3.8376e+00  
1694 0.0000e+00 0.0000e+00 0.0000e+00 -9.8746e+00 3.0864e+00 -6.5470e+00  
1695 0.0000e+00 0.0000e+00 0.0000e+00 -1.3285e+01 3.3030e+00 -5.8326e+00  
1688 0.0000e+00 0.0000e+00 0.0000e+00 -1.1674e+01 2.4990e+00 -3.1231e+00

903 1686 0.0000e+00 0.0000e+00 0.0000e+00 -6.6298e+00 7.8553e-01 -4.3112e+00  
1693 0.0000e+00 0.0000e+00 0.0000e+00 -6.8748e+00 1.1218e+00 -6.3432e+00  
1694 0.0000e+00 0.0000e+00 0.0000e+00 -9.1233e+00 1.3877e+00 -6.2146e+00  
1687 0.0000e+00 0.0000e+00 0.0000e+00 -8.4754e+00 1.4687e+00 -4.1826e+00

904 1685 0.0000e+00 0.0000e+00 0.0000e+00 -4.2919e+00 -7.8956e-01 -4.3567e+00  
1692 0.0000e+00 0.0000e+00 0.0000e+00 -4.6907e+00 -6.2539e-01 -5.9127e+00  
1693 0.0000e+00 0.0000e+00 0.0000e+00 -6.3351e+00 -4.2711e-01 -6.0343e+00  
1686 0.0000e+00 0.0000e+00 0.0000e+00 -5.7823e+00 -2.1332e-02 -4.4784e+00

905 1684 0.0000e+00 0.0000e+00 0.0000e+00 -2.3246e+00 -1.9967e+00 -3.9452e+00  
1691 0.0000e+00 0.0000e+00 0.0000e+00 -2.8626e+00 -2.1028e+00 -5.2750e+00  
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1685 0.0000e+00 0.0000e+00 0.0000e+00 -3.5611e+00 -1.4497e+00 -4.3167e+00

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1690 0.0000e+00 0.0000e+00 0.0000e+00 -9.1691e-01 -3.0580e+00 -4.0330e+00  
1691 0.0000e+00 0.0000e+00 0.0000e+00 -2.5848e+00 -3.5728e+00 -4.9547e+00  
1684 0.0000e+00 0.0000e+00 0.0000e+00 -1.5282e+00 -2.5453e+00 -3.7162e+00

907 1639 0.0000e+00 0.0000e+00 0.0000e+00 1.7885e-01 -6.4851e-01 -1.6649e+00  
1647 0.0000e+00 0.0000e+00 0.0000e+00 -5.2661e-01 -5.2482e-01 -1.8484e+00  
1690 0.0000e+00 0.0000e+00 0.0000e+00 -6.2346e-01 -4.3284e+00 -2.8528e+00  
1683 0.0000e+00 0.0000e+00 0.0000e+00 -9.3994e-02 -2.2106e+00 -2.6694e+00

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1689 0.0000e+00 0.0000e+00 0.0000e+00 -1.3617e+01 5.9582e-01 -5.1022e-01  
1341 0.0000e+00 0.0000e+00 0.0000e+00 -1.3393e+01 -1.6569e+00 -1.0980e+00  
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909 1681 0.0000e+00 0.0000e+00 0.0000e+00 -8.4391e+00 1.7241e+00 -5.0344e-01  
1688 0.0000e+00 0.0000e+00 0.0000e+00 -1.1536e+01 2.6558e+00 -1.5747e+00  
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1682 0.0000e+00 0.0000e+00 0.0000e+00 -9.4821e+00 1.0128e+00 3.1447e-01

910 1680 0.0000e+00 0.0000e+00 0.0000e+00 -6.7435e+00 1.3574e+00 -1.3928e+00  
1687 0.0000e+00 0.0000e+00 0.0000e+00 -8.6126e+00 1.9776e+00 -3.0892e+00  
1688 0.0000e+00 0.0000e+00 0.0000e+00 -1.0756e+01 2.6200e+00 -2.0949e+00  
1681 0.0000e+00 0.0000e+00 0.0000e+00 -8.0177e+00 1.2662e+00 -3.9848e-01

911 1679 0.0000e+00 0.0000e+00 0.0000e+00 -4.8455e+00 3.3939e-01 -2.1775e+00  
1686 0.0000e+00 0.0000e+00 0.0000e+00 -6.0214e+00 6.0234e-01 -3.7736e+00  
1687 0.0000e+00 0.0000e+00 0.0000e+00 -7.9804e+00 1.5483e+00 -3.1621e+00  
1680 0.0000e+00 0.0000e+00 0.0000e+00 -6.1025e+00 5.9720e-01 -1.5660e+00

912 1678 0.0000e+00 0.0000e+00 0.0000e+00 -3.1081e+00 -6.9056e-01 -2.4959e+00  
1685 0.0000e+00 0.0000e+00 0.0000e+00 -3.8765e+00 -7.7640e-01 -3.8722e+00  
1686 0.0000e+00 0.0000e+00 0.0000e+00 -5.5227e+00 8.9086e-02 -3.6797e+00  
1679 0.0000e+00 0.0000e+00 0.0000e+00 -4.2351e+00 -3.7910e-01 -2.3033e+00

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1684 0.0000e+00 0.0000e+00 0.0000e+00 -2.0612e+00 -1.8492e+00 -3.4639e+00  
1685 0.0000e+00 0.0000e+00 0.0000e+00 -3.4702e+00 -1.2248e+00 -3.6725e+00  
1678 0.0000e+00 0.0000e+00 0.0000e+00 -2.5577e+00 -1.2813e+00 -2.5040e+00

914 1676 0.0000e+00 0.0000e+00 0.0000e+00 -5.0521e-01 -1.3239e+00 -1.7278e+00  
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1677 0.0000e+00 0.0000e+00 0.0000e+00 -1.1590e+00 -1.7386e+00 -2.2517e+00

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1639 0.0000e+00 0.0000e+00 0.0000e+00 -2.5736e-01 -4.8503e-01 -1.5877e+00  
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916 1675 0.0000e+00 0.0000e+00 0.0000e+00 -4.3624e+00 1.8642e+00 4.5057e-01  
1682 0.0000e+00 0.0000e+00 0.0000e+00 -8.4995e+00 1.2693e+00 1.0434e-01  
1330 0.0000e+00 0.0000e+00 0.0000e+00 -8.5506e+00 2.9086e-01 -9.2152e-01  
1319 0.0000e+00 0.0000e+00 0.0000e+00 -5.0088e+00 1.7326e+00 -5.7529e-01

917 1674 0.0000e+00 0.0000e+00 0.0000e+00 -3.7014e+00 8.9085e-01 8.2560e-01  
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1682 0.0000e+00 0.0000e+00 0.0000e+00 -7.7448e+00 1.3569e+00 4.0520e-01  
1675 0.0000e+00 0.0000e+00 0.0000e+00 -4.6309e+00 1.4182e+00 1.1368e+00

918 1673 0.0000e+00 0.0000e+00 0.0000e+00 -3.1966e+00 1.8261e-01 -1.3072e-01  
1680 0.0000e+00 0.0000e+00 0.0000e+00 -5.5482e+00 9.2021e-01 -9.1501e-01  
1681 0.0000e+00 0.0000e+00 0.0000e+00 -6.6258e+00 1.4240e+00 -7.2628e-03  
1674 0.0000e+00 0.0000e+00 0.0000e+00 -3.6991e+00 3.5942e-01 7.7702e-01

919 1672 0.0000e+00 0.0000e+00 0.0000e+00 -2.5799e+00 -3.6491e-01 -9.9180e-01  
1679 0.0000e+00 0.0000e+00 0.0000e+00 -3.9900e+00 1.5847e-02 -1.7832e+00  
1680 0.0000e+00 0.0000e+00 0.0000e+00 -5.2022e+00 7.1454e-01 -1.0640e+00  
1673 0.0000e+00 0.0000e+00 0.0000e+00 -2.9622e+00 -3.3249e-01 -2.7262e-01

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1678 0.0000e+00 0.0000e+00 0.0000e+00 -2.5895e+00 -8.2694e-01 -2.1447e+00  
1679 0.0000e+00 0.0000e+00 0.0000e+00 -3.7291e+00 -2.2939e-01 -1.8325e+00  
1672 0.0000e+00 0.0000e+00 0.0000e+00 -2.2513e+00 -8.1918e-01 -1.0316e+00

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1677 0.0000e+00 0.0000e+00 0.0000e+00 -1.3739e+00 -1.3708e+00 -2.0395e+00  
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1671 0.0000e+00 0.0000e+00 0.0000e+00 -1.4468e+00 -1.2292e+00 -1.3219e+00

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1677 0.0000e+00 0.0000e+00 0.0000e+00 -1.1153e+00 -1.4662e+00 -1.8008e+00  
1670 0.0000e+00 0.0000e+00 0.0000e+00 -6.7206e-01 -1.3746e+00 -1.3171e+00

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1631 0.0000e+00 0.0000e+00 0.0000e+00 -1.1347e-01 -2.2299e-01 -1.2910e+00  
1676 0.0000e+00 0.0000e+00 0.0000e+00 -2.8070e-01 -1.0417e+00 -1.3791e+00  
1669 0.0000e+00 0.0000e+00 0.0000e+00 -1.6159e-01 -9.2245e-01 -1.2300e+00

924 1668 0.0000e+00 0.0000e+00 0.0000e+00 1.4870e+00 3.5749e+00 1.3959e+00  
1675 0.0000e+00 0.0000e+00 0.0000e+00 -3.7155e+00 2.7207e+00 8.4042e-01  
1319 0.0000e+00 0.0000e+00 0.0000e+00 -3.9420e+00 2.8066e+00 -6.8106e-01

	1308	0.0000e+00	0.0000e+00	0.0000e+00	5.9426e-01	4.9730e+00	-1.2555e-01
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	1.2402e+00	-3.6366e-01	1.2561e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-2.3906e+00	7.5632e-01	8.1026e-01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-2.7333e+00	1.8534e+00	1.4555e+00
	1668	0.0000e+00	0.0000e+00	0.0000e+00	6.8450e-01	1.6925e+00	1.9013e+00
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	-4.9698e-03	-8.7203e-01	-3.6791e-01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-1.9382e+00	-3.0891e-01	-5.0445e-02
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-2.2277e+00	5.9070e-01	9.5630e-01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	9.2417e-01	-8.4488e-01	6.3884e-01
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	-6.9023e-01	-9.0317e-01	-9.1350e-01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	-1.7412e+00	-7.1885e-01	-7.9347e-01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-2.0553e+00	-1.6652e-01	-2.3650e-01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-1.3426e-01	-1.0880e+00	-3.5653e-01
928	1664	0.0000e+00	0.0000e+00	0.0000e+00	-7.6206e-01	-9.6622e-01	-9.3005e-01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	-1.3185e+00	-1.0257e+00	-1.1088e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	-1.7754e+00	-6.4793e-01	-9.3771e-01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	-6.6534e-01	-1.0471e+00	-7.5896e-01
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	-4.3106e-01	-1.1482e+00	-7.7271e-01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	-7.3828e-01	-1.2303e+00	-1.1275e+00
	1671	0.0000e+00	0.0000e+00	0.0000e+00	-1.2182e+00	-1.0590e+00	-1.1293e+00
	1664	0.0000e+00	0.0000e+00	0.0000e+00	-6.6591e-01	-1.1375e+00	-7.7456e-01
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	-3.0050e-02	-1.1564e+00	-7.9910e-01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	-2.3221e-01	-1.0438e+00	-1.1095e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	-5.4882e-01	-1.2552e+00	-1.0524e+00
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-3.3885e-01	-1.2560e+00	-7.4195e-01
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	-7.5592e-02	-2.9729e-01	-1.1304e+00
	1623	0.0000e+00	0.0000e+00	0.0000e+00	8.7038e-03	-2.2917e-01	-1.1230e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	-8.2319e-02	-8.6250e-01	-1.0016e+00
	1662	0.0000e+00	0.0000e+00	0.0000e+00	3.0440e-02	-1.0353e+00	-1.0091e+00
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	1.1460e+01	5.9311e+00	2.2348e+00
	1668	0.0000e+00	0.0000e+00	0.0000e+00	1.8865e+00	4.7525e+00	1.6948e+00
	1308	0.0000e+00	0.0000e+00	0.0000e+00	1.6533e+00	6.7107e+00	-3.8782e-01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	1.0605e+01	9.6666e+00	1.5218e-01
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	4.7923e+00	-1.6801e+00	-1.7913e+00
	1667	0.0000e+00	0.0000e+00	0.0000e+00	3.1790e+00	-1.5828e+00	3.3921e-01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	4.0217e+00	2.2383e+00	2.9255e+00
	1661	0.0000e+00	0.0000e+00	0.0000e+00	8.2421e+00	-2.7989e+00	7.9498e-01
934	1659	0.0000e+00	0.0000e+00	0.0000e+00	1.4714e+00	-1.3913e+00	-2.3733e+00
	1666	0.0000e+00	0.0000e+00	0.0000e+00	1.0679e+00	-1.4192e+00	-5.6621e-01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	1.9466e+00	-5.5668e-01	1.8693e-02
	1660	0.0000e+00	0.0000e+00	0.0000e+00	4.2337e+00	-1.7458e+00	-1.7884e+00
935	1658	0.0000e+00	0.0000e+00	0.0000e+00	-6.8381e-03	-8.5825e-01	-1.6731e+00
	1665	0.0000e+00	0.0000e+00	0.0000e+00	-2.1422e-01	-1.1076e+00	-8.5643e-01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	4.1947e-01	-8.9083e-01	-9.3024e-01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	1.0048e+00	-9.9367e-01	-1.7469e+00
936	1657	0.0000e+00	0.0000e+00	0.0000e+00	-5.2732e-01	-7.0334e-01	-1.0089e+00
	1664	0.0000e+00	0.0000e+00	0.0000e+00	-5.8884e-01	-1.0174e+00	-7.8462e-01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	-4.5715e-01	-8.6398e-01	-1.0325e+00
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-2.0719e-01	-6.8600e-01	-1.2567e+00
937	1656	0.0000e+00	0.0000e+00	0.0000e+00	-5.4073e-01	-8.8137e-01	-4.6098e-01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-4.1684e-01	-1.1593e+00	-5.7462e-01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	-5.9853e-01	-9.8112e-01	-8.3416e-01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-5.8798e-01	-7.4376e-01	-7.2053e-01
938	1655	0.0000e+00	0.0000e+00	0.0000e+00	1.4510e-01	-1.4354e+00	-2.7745e-01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-4.7351e-02	-1.1830e+00	-7.0313e-01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-1.9768e-01	-1.2703e+00	-6.3096e-01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-5.6222e-01	-1.1612e+00	-2.0529e-01
939	1607	0.0000e+00	0.0000e+00	0.0000e+00	-2.2425e-01	-4.1143e-01	-1.4095e+00
	1615	0.0000e+00	0.0000e+00	0.0000e+00	1.6762e-01	-4.4546e-01	-1.2223e+00
	1662	0.0000e+00	0.0000e+00	0.0000e+00	3.2011e-01	-1.1943e+00	-6.8022e-01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	4.2014e-04	-2.3046e+00	-8.6741e-01
940	945	0.0000e+00	0.0000e+00	0.0000e+00	7.8778e+00	-1.6036e+01	-2.4313e+01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	2.5134e+01	5.9465e-01	-2.9758e+00

	1297	0.0000e+00	0.0000e+00	0.0000e+00	-6.9107e-01	1.7311e+01	3.2085e+00
	18	0.0000e+00	0.0000e+00	0.0000e+00	7.6693e+01	2.1664e+01	-1.8129e+01
941	944	0.0000e+00	0.0000e+00	0.0000e+00	1.8028e+00	-1.5872e+00	-7.5479e+00
	1660	0.0000e+00	0.0000e+00	0.0000e+00	5.8845e+00	-3.9237e+00	-2.0378e+00
	1661	0.0000e+00	0.0000e+00	0.0000e+00	1.7124e+01	-1.0395e+00	-5.1395e+00
	945	0.0000e+00	0.0000e+00	0.0000e+00	1.6649e+00	2.7818e+00	-1.0650e+01
942	943	0.0000e+00	0.0000e+00	0.0000e+00	-4.2038e-01	-3.8104e-01	-4.0923e+00
	1659	0.0000e+00	0.0000e+00	0.0000e+00	1.2526e+00	-1.1923e+00	-2.3815e+00
	1660	0.0000e+00	0.0000e+00	0.0000e+00	3.8283e+00	-1.5836e+00	-4.1375e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	4.5086e-01	1.0914e+00	-5.8483e+00
943	942	0.0000e+00	0.0000e+00	0.0000e+00	-9.2201e-01	4.4568e-02	-2.1570e+00
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-3.0007e-01	-5.9291e-01	-1.6304e+00
	1659	0.0000e+00	0.0000e+00	0.0000e+00	7.6540e-01	-8.7257e-01	-2.6854e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	-9.2651e-01	5.8456e-01	-3.2120e+00
944	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.0449e+00	-4.8069e-02	-1.1007e+00
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-7.7002e-01	-5.2006e-01	-9.5903e-01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-4.2345e-01	-5.2848e-01	-1.6207e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	-1.1061e+00	3.1322e-01	-1.7624e+00
945	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.1495e+00	-4.4074e-01	-4.3402e-01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-8.7139e-01	-8.3032e-01	-3.9561e-01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-7.9450e-01	-5.3743e-01	-8.5489e-01
	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.1491e+00	-1.5214e-02	-8.9329e-01
946	939	0.0000e+00	0.0000e+00	0.0000e+00	-1.3953e+00	-1.4246e+00	-2.8991e-02
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-8.4671e-01	-1.6972e+00	4.5980e-03
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-8.7818e-01	-8.6232e-01	-2.9874e-01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.2962e+00	-5.3267e-01	-3.3233e-01
947	17	0.0000e+00	0.0000e+00	0.0000e+00	-1.7791e+00	-8.4249e+00	-1.7904e+00
	1607	0.0000e+00	0.0000e+00	0.0000e+00	1.6521e+00	-1.0216e+00	-2.8273e+00
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-8.8998e-02	-3.1700e+00	-5.4094e-01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-2.1272e+00	-3.0586e-01	4.9596e-01
948	1646	0.0000e+00	0.0000e+00	0.0000e+00	9.0629e-01	5.5634e+00	-3.1609e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	3.7945e+00	6.9127e-01	-5.2364e+00
	28	0.0000e+00	0.0000e+00	0.0000e+00	2.5270e+00	1.1683e+01	-2.4535e+00
	1647	0.0000e+00	0.0000e+00	0.0000e+00	-2.0080e+00	1.2857e+00	-3.7794e-01
949	1645	0.0000e+00	0.0000e+00	0.0000e+00	3.3040e+00	3.5589e+00	-4.8674e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	3.7798e+00	7.0923e-01	-5.8006e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	4.1522e+00	8.2403e+00	-5.0937e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	1.0513e+00	3.9871e+00	-4.1605e+00
950	1644	0.0000e+00	0.0000e+00	0.0000e+00	4.7839e+00	1.8996e+00	-5.7314e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	4.1450e+00	-4.4378e-01	-6.6535e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	4.2145e+00	6.1689e+00	-6.1163e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	2.8565e+00	2.7589e+00	-5.1942e+00
951	1643	0.0000e+00	0.0000e+00	0.0000e+00	6.5625e+00	2.1367e-01	-6.3773e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	5.0462e+00	-1.9868e+00	-7.6333e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	4.7243e+00	4.5019e+00	-7.0394e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	4.3538e+00	1.1225e+00	-5.7834e+00
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	9.1853e+00	-1.6438e+00	-6.9738e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	6.6986e+00	-3.8907e+00	-8.8359e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	5.8545e+00	2.9522e+00	-8.1153e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	6.2775e+00	-7.2538e-01	-6.2532e+00
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.3433e+01	-3.5958e+00	-7.3828e+00
	1649	0.0000e+00	0.0000e+00	0.0000e+00	9.6589e+00	-6.1556e+00	-1.0364e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	7.8743e+00	1.2837e+00	-9.5395e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	9.2100e+00	-2.9135e+00	-6.5580e+00
954	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.1849e+01	-4.1908e+00	-6.3926e+00
	1648	0.0000e+00	0.0000e+00	0.0000e+00	1.5424e+01	-8.4604e+00	-1.2016e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	1.1498e+01	-8.9069e-01	-1.1654e+01
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.4445e+01	-5.8802e+00	-6.0301e+00
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.0434e+01	6.0137e+00	2.3430e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	4.8705e+01	-7.7636e+00	-9.7164e+00
	1648	0.0000e+00	0.0000e+00	0.0000e+00	1.8882e+01	-6.4922e+00	-1.6816e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.5960e+01	-6.1747e+00	-4.7566e+00
956	1638	0.0000e+00	0.0000e+00	0.0000e+00	9.3314e-02	2.2108e+00	-2.6694e+00

	1646	0.0000e+00	0.0000e+00	0.0000e+00	6.2304e-01	4.3287e+00	-2.8530e+00
	1647	0.0000e+00	0.0000e+00	0.0000e+00	5.2613e-01	5.2513e-01	-1.8484e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	-1.7954e-01	6.4874e-01	-1.6649e+00
957	1637	0.0000e+00	0.0000e+00	0.0000e+00	1.5275e+00	2.5453e+00	-3.7163e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	2.5844e+00	3.5729e+00	-4.9548e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	9.1645e-01	3.0581e+00	-4.0331e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	7.0004e-01	2.2558e+00	-2.7946e+00
958	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.5605e+00	1.4496e+00	-4.3167e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	4.3050e+00	2.0810e+00	-5.6466e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	2.8622e+00	2.1027e+00	-5.2751e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	2.3240e+00	1.9967e+00	-3.9453e+00
959	1635	0.0000e+00	0.0000e+00	0.0000e+00	5.7817e+00	2.1179e-02	-4.4784e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	6.3347e+00	4.2691e-01	-6.0344e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	4.6902e+00	6.2521e-01	-5.9127e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	4.2913e+00	7.8944e-01	-4.3568e+00
960	1634	0.0000e+00	0.0000e+00	0.0000e+00	8.4748e+00	-1.4688e+00	-4.1825e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	9.1229e+00	-1.3879e+00	-6.2146e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	6.8744e+00	-1.1220e+00	-6.3432e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	6.6292e+00	-7.8568e-01	-4.3112e+00
961	1633	0.0000e+00	0.0000e+00	0.0000e+00	1.1673e+01	-2.4991e+00	-3.1230e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.3285e+01	-3.3032e+00	-5.8324e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	9.8742e+00	-3.0866e+00	-6.5470e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	9.6246e+00	-2.4721e+00	-3.8375e+00
962	1632	0.0000e+00	0.0000e+00	0.0000e+00	1.4781e+01	-1.4064e+00	-7.4383e-01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.8351e+01	-4.4442e+00	-3.6031e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.4187e+01	-4.6788e+00	-5.6801e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	1.3185e+01	-3.5932e+00	-2.8208e+00
963	1276	0.0000e+00	0.0000e+00	0.0000e+00	1.5063e+01	2.4959e+00	-1.0810e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.0241e+01	3.6552e+00	-1.2522e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.0186e+01	-2.3528e+00	-1.6443e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	1.4773e+01	-4.1514e-01	-1.4730e+00
964	1630	0.0000e+00	0.0000e+00	0.0000e+00	3.1167e-01	1.2261e+00	-1.7241e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	3.6494e-01	1.7291e+00	-1.9569e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	2.5663e-01	4.8522e-01	-1.5877e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	-4.9111e-02	2.5528e-01	-1.3549e+00
965	1629	0.0000e+00	0.0000e+00	0.0000e+00	1.1583e+00	1.7387e+00	-2.2518e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	1.7107e+00	2.0641e+00	-3.0597e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	7.3682e-01	2.0387e+00	-2.5357e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	5.0447e-01	1.3240e+00	-1.7278e+00
966	1628	0.0000e+00	0.0000e+00	0.0000e+00	2.5570e+00	1.2812e+00	-2.5040e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.4696e+00	1.2247e+00	-3.6725e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	2.0605e+00	1.8492e+00	-3.4640e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	1.6117e+00	1.3786e+00	-2.2955e+00
967	1627	0.0000e+00	0.0000e+00	0.0000e+00	4.2344e+00	3.7900e-01	-2.3033e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	5.5221e+00	-8.9230e-02	-3.6797e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.8759e+00	7.7629e-01	-3.8723e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	3.1074e+00	6.9048e-01	-2.4959e+00
968	1626	0.0000e+00	0.0000e+00	0.0000e+00	6.1018e+00	-5.9731e-01	-1.5660e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	7.9798e+00	-1.5484e+00	-3.1621e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	6.0208e+00	-6.0249e-01	-3.7736e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	4.8449e+00	-3.3950e-01	-2.1775e+00
969	1625	0.0000e+00	0.0000e+00	0.0000e+00	8.0170e+00	-1.2662e+00	-3.9843e-01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	1.0756e+01	-2.6201e+00	-2.0948e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	8.6119e+00	-1.9777e+00	-3.0892e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	6.7428e+00	-1.3574e+00	-1.3928e+00
970	1624	0.0000e+00	0.0000e+00	0.0000e+00	9.4814e+00	-1.0128e+00	3.1452e-01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	1.2651e+01	-1.7048e+00	-7.5673e-01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	1.1535e+01	-2.6559e+00	-1.5746e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	8.4384e+00	-1.7241e+00	-5.0339e-01
971	1265	0.0000e+00	0.0000e+00	0.0000e+00	9.8172e+00	5.4382e-01	-9.4324e-01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	1.3392e+01	1.6569e+00	-1.0980e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	1.3616e+01	-5.9577e-01	-5.1014e-01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	9.2813e+00	-6.4972e-01	-3.5539e-01

972	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.6089e-01	9.2253e-01	-1.2300e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	2.7996e-01	1.0418e+00	-1.3791e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	1.1270e-01	2.2312e-01	-1.2910e+00
	1623	0.0000e+00	0.0000e+00	0.0000e+00	2.7782e-02	1.6747e-01	-1.1419e+00
973	1621	0.0000e+00	0.0000e+00	0.0000e+00	6.7139e-01	1.3746e+00	-1.3171e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	1.1146e+00	1.4662e+00	-1.8009e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	5.2006e-01	1.2425e+00	-1.6431e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	2.9129e-01	1.0208e+00	-1.1593e+00
974	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.4462e+00	1.2292e+00	-1.3219e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	2.3307e+00	1.0615e+00	-2.0527e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	1.3732e+00	1.3708e+00	-2.0396e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	9.3132e-01	1.1772e+00	-1.3088e+00
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	2.2507e+00	8.1909e-01	-1.0316e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	3.7284e+00	2.2930e-01	-1.8325e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	2.5888e+00	8.2687e-01	-2.1447e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.7766e+00	8.5679e-01	-1.3438e+00
976	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.9616e+00	3.3240e-01	-2.7262e-01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	5.2015e+00	-7.1463e-01	-1.0640e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	3.9894e+00	-1.5948e-02	-1.7832e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	2.5792e+00	3.6483e-01	-9.9181e-01
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	3.6985e+00	-3.5947e-01	7.7704e-01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	6.6251e+00	-1.4240e+00	-7.2258e-03
	1626	0.0000e+00	0.0000e+00	0.0000e+00	5.5475e+00	-9.2029e-01	-9.1498e-01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	3.1959e+00	-1.8268e-01	-1.3072e-01
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	4.6302e+00	-1.4182e+00	1.1369e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	7.7441e+00	-1.3569e+00	4.0524e-01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	7.1996e+00	-1.5701e+00	9.3994e-02
	1617	0.0000e+00	0.0000e+00	0.0000e+00	3.7007e+00	-8.9088e-01	8.2561e-01
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	5.0081e+00	-1.7326e+00	-5.7528e-01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	8.5498e+00	-2.9083e-01	-9.2149e-01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	8.4987e+00	-1.2693e+00	1.0438e-01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	4.3617e+00	-1.8642e+00	4.5059e-01
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	-3.1010e-02	1.0354e+00	-1.0091e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	8.1645e-02	8.6259e-01	-1.0016e+00
	1623	0.0000e+00	0.0000e+00	0.0000e+00	-9.3892e-03	2.2928e-01	-1.1230e+00
	1615	0.0000e+00	0.0000e+00	0.0000e+00	7.5005e-02	2.9740e-01	-1.1304e+00
981	1613	0.0000e+00	0.0000e+00	0.0000e+00	3.3829e-01	1.2560e+00	-7.4195e-01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	5.4818e-01	1.2552e+00	-1.0524e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	2.3154e-01	1.0438e+00	-1.1095e+00
	1614	0.0000e+00	0.0000e+00	0.0000e+00	2.9476e-02	1.1564e+00	-7.9908e-01
982	1612	0.0000e+00	0.0000e+00	0.0000e+00	6.6535e-01	1.1374e+00	-7.7458e-01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.2176e+00	1.0590e+00	-1.1293e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	7.3764e-01	1.2303e+00	-1.1275e+00
	1613	0.0000e+00	0.0000e+00	0.0000e+00	4.3050e-01	1.1481e+00	-7.7272e-01
983	1611	0.0000e+00	0.0000e+00	0.0000e+00	6.6478e-01	1.0470e+00	-7.5897e-01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.7747e+00	6.4785e-01	-9.3773e-01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.3179e+00	1.0257e+00	-1.1088e+00
	1612	0.0000e+00	0.0000e+00	0.0000e+00	7.6151e-01	9.6616e-01	-9.3007e-01
984	1610	0.0000e+00	0.0000e+00	0.0000e+00	1.3370e-01	1.0879e+00	-3.5654e-01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.0547e+00	1.6644e-01	-2.3651e-01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.7406e+00	7.1877e-01	-7.9348e-01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	6.8967e-01	9.0309e-01	-9.1351e-01
985	1609	0.0000e+00	0.0000e+00	0.0000e+00	-9.2474e-01	8.4482e-01	6.3883e-01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	2.2271e+00	-5.9074e-01	9.5630e-01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	1.9376e+00	3.0884e-01	-5.0438e-02
	1610	0.0000e+00	0.0000e+00	0.0000e+00	4.4068e-03	8.7197e-01	-3.6792e-01
986	1608	0.0000e+00	0.0000e+00	0.0000e+00	-6.8510e-01	-1.6925e+00	1.9013e+00
	1616	0.0000e+00	0.0000e+00	0.0000e+00	2.7326e+00	-1.8534e+00	1.4555e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	2.3900e+00	-7.5635e-01	8.1027e-01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-1.2408e+00	3.6362e-01	1.2561e+00
987	1243	0.0000e+00	0.0000e+00	0.0000e+00	-5.9487e-01	-4.9729e+00	-1.2555e-01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	3.9413e+00	-2.8066e+00	-6.8104e-01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	3.7148e+00	-2.7207e+00	8.4043e-01

1608 0.0000e+00 0.0000e+00 0.0000e+00 -1.4876e+00 -3.5749e+00 1.3959e+00

988 1606 0.0000e+00 0.0000e+00 0.0000e+00 -7.9757e-04 2.3047e+00 -8.6738e-01  
1614 0.0000e+00 0.0000e+00 0.0000e+00 -3.2065e-01 1.1944e+00 -6.8021e-01  
1615 0.0000e+00 0.0000e+00 0.0000e+00 -1.6817e-01 4.4558e-01 -1.2223e+00  
1607 0.0000e+00 0.0000e+00 0.0000e+00 2.2385e-01 4.1158e-01 -1.4095e+00

989 1605 0.0000e+00 0.0000e+00 0.0000e+00 5.6178e-01 1.1612e+00 -2.0531e-01  
1613 0.0000e+00 0.0000e+00 0.0000e+00 1.9717e-01 1.2703e+00 -6.3098e-01  
1614 0.0000e+00 0.0000e+00 0.0000e+00 4.6835e-02 1.1831e+00 -7.0311e-01  
1606 0.0000e+00 0.0000e+00 0.0000e+00 -1.4551e-01 1.4353e+00 -2.7744e-01

990 1604 0.0000e+00 0.0000e+00 0.0000e+00 5.8752e-01 7.4371e-01 -7.2056e-01  
1612 0.0000e+00 0.0000e+00 0.0000e+00 5.9801e-01 9.8107e-01 -8.3418e-01  
1613 0.0000e+00 0.0000e+00 0.0000e+00 4.1631e-01 1.1593e+00 -5.7463e-01  
1605 0.0000e+00 0.0000e+00 0.0000e+00 5.4029e-01 8.8133e-01 -4.6101e-01

991 1603 0.0000e+00 0.0000e+00 0.0000e+00 2.0672e-01 6.8593e-01 -1.2567e+00  
1611 0.0000e+00 0.0000e+00 0.0000e+00 4.5662e-01 8.6392e-01 -1.0325e+00  
1612 0.0000e+00 0.0000e+00 0.0000e+00 5.8831e-01 1.0173e+00 -7.8464e-01  
1604 0.0000e+00 0.0000e+00 0.0000e+00 5.2685e-01 7.0328e-01 -1.0089e+00

992 1602 0.0000e+00 0.0000e+00 0.0000e+00 -1.0053e+00 9.9360e-01 -1.7469e+00  
1610 0.0000e+00 0.0000e+00 0.0000e+00 -4.2000e-01 8.9077e-01 -9.3025e-01  
1611 0.0000e+00 0.0000e+00 0.0000e+00 2.1368e-01 1.1076e+00 -8.5644e-01  
1603 0.0000e+00 0.0000e+00 0.0000e+00 6.3622e-03 8.5818e-01 -1.6731e+00

993 1601 0.0000e+00 0.0000e+00 0.0000e+00 -4.2341e+00 1.7457e+00 -1.7884e+00  
1609 0.0000e+00 0.0000e+00 0.0000e+00 -1.9471e+00 5.5663e-01 1.8681e-02  
1610 0.0000e+00 0.0000e+00 0.0000e+00 -1.0684e+00 1.4192e+00 -5.6622e-01  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -1.4719e+00 1.3913e+00 -2.3733e+00

994 1600 0.0000e+00 0.0000e+00 0.0000e+00 -8.2425e+00 2.7989e+00 7.9495e-01  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -4.0223e+00 -2.2383e+00 2.9254e+00  
1609 0.0000e+00 0.0000e+00 0.0000e+00 -3.1795e+00 1.5827e+00 3.3920e-01  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -4.7927e+00 1.6800e+00 -1.7913e+00

995 1232 0.0000e+00 0.0000e+00 0.0000e+00 -1.0605e+01 -9.6665e+00 1.5215e-01  
1243 0.0000e+00 0.0000e+00 0.0000e+00 -1.6539e+00 -6.7106e+00 -3.8783e-01  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -1.8871e+00 -4.7524e+00 1.6947e+00  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.1460e+01 -5.9311e+00 2.2347e+00

996 868 0.0000e+00 0.0000e+00 0.0000e+00 2.1268e+00 3.0571e-01 4.9572e-01  
1606 0.0000e+00 0.0000e+00 0.0000e+00 8.8782e-02 3.1700e+00 -5.4096e-01  
1607 0.0000e+00 0.0000e+00 0.0000e+00 -1.6525e+00 1.0219e+00 -2.8273e+00  
17 0.0000e+00 0.0000e+00 0.0000e+00 1.7794e+00 8.4251e+00 -1.7906e+00

997 867 0.0000e+00 0.0000e+00 0.0000e+00 1.2957e+00 5.3264e-01 -3.3241e-01  
1605 0.0000e+00 0.0000e+00 0.0000e+00 8.7778e-01 8.6226e-01 -2.9877e-01  
1606 0.0000e+00 0.0000e+00 0.0000e+00 8.4641e-01 1.6972e+00 4.5510e-03  
868 0.0000e+00 0.0000e+00 0.0000e+00 1.3949e+00 1.4246e+00 -2.9094e-02

998 866 0.0000e+00 0.0000e+00 0.0000e+00 1.1486e+00 1.5174e-02 -8.9334e-01  
1604 0.0000e+00 0.0000e+00 0.0000e+00 7.9405e-01 5.3739e-01 -8.5492e-01  
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867 0.0000e+00 0.0000e+00 0.0000e+00 1.1491e+00 4.4072e-01 -4.3408e-01

999 865 0.0000e+00 0.0000e+00 0.0000e+00 1.1056e+00 -3.1327e-01 -1.7624e+00  
1603 0.0000e+00 0.0000e+00 0.0000e+00 4.2298e-01 5.2843e-01 -1.6208e+00  
1604 0.0000e+00 0.0000e+00 0.0000e+00 7.6956e-01 5.2001e-01 -9.5907e-01  
866 0.0000e+00 0.0000e+00 0.0000e+00 1.0445e+00 4.8034e-02 -1.1007e+00

1000 864 0.0000e+00 0.0000e+00 0.0000e+00 9.2607e-01 -5.8460e-01 -3.2120e+00  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -7.6586e-01 8.7251e-01 -2.6854e+00  
1603 0.0000e+00 0.0000e+00 0.0000e+00 2.9961e-01 5.9285e-01 -1.6304e+00  
865 0.0000e+00 0.0000e+00 0.0000e+00 9.2158e-01 -4.4612e-02 -2.1570e+00

1001 863 0.0000e+00 0.0000e+00 0.0000e+00 -4.5128e-01 -1.0915e+00 -5.8483e+00  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -3.8287e+00 1.5835e+00 -4.1375e+00  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -1.2530e+00 1.1923e+00 -2.3815e+00  
864 0.0000e+00 0.0000e+00 0.0000e+00 4.1995e-01 3.8099e-01 -4.0923e+00

1002 862 0.0000e+00 0.0000e+00 0.0000e+00 -1.6653e+00 -2.7818e+00 -1.0650e+01  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.7124e+01 1.0394e+00 -5.1395e+00  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -5.8850e+00 3.9237e+00 -2.0378e+00  
863 0.0000e+00 0.0000e+00 0.0000e+00 -1.8032e+00 1.5871e+00 -7.5478e+00

1003 16 0.0000e+00 0.0000e+00 0.0000e+00 -7.6693e+01 -2.1664e+01 -1.8129e+01  
1232 0.0000e+00 0.0000e+00 0.0000e+00 6.9057e-01 -1.7311e+01 3.2084e+00

	1600	0.0000e+00	0.0000e+00	0.0000e+00	-2.5134e+01	-5.9466e-01	-2.9758e+00
	862	0.0000e+00	0.0000e+00	0.0000e+00	-7.8781e+00	1.6036e+01	-2.4313e+01
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	-8.5983e+01	5.8122e+00	-4.1192e+00
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-6.8915e+01	2.1404e+01	-3.6106e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	-1.5652e+02	8.9614e-01	-2.0340e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-5.7298e+01	-1.7747e+01	1.1647e+01
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	-5.7912e+01	1.3166e+01	-4.4044e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-4.7185e+01	3.1356e+00	-1.9959e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-5.8584e+01	1.1077e+01	-2.1889e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-7.5165e+01	5.2382e+00	-6.3347e+00
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	-4.5846e+01	7.6364e+00	-4.8972e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-3.8148e+01	-8.2803e-01	-1.1764e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-4.2941e+01	8.4675e+00	-1.5330e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-5.3703e+01	7.7463e+00	-8.4632e+00
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	-4.2522e+01	4.8331e+00	-3.0927e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-3.5670e+01	-2.1239e+00	-4.8588e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-3.6376e+01	5.0480e+00	-8.4440e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-4.5069e+01	5.8759e+00	-6.6778e+00
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	-4.5605e+01	3.3097e+00	-1.0510e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-3.8968e+01	-2.2767e+00	1.7745e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-3.5877e+01	2.8972e+00	-1.7199e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-4.3491e+01	4.8987e+00	-4.5454e+00
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	-5.7545e+01	-2.4126e-01	-9.8801e-01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-4.9909e+01	-3.3226e+00	8.2783e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-4.1314e+01	3.4360e+00	5.6765e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-4.9071e+01	6.0044e+00	-3.5899e+00
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	-4.0620e+01	-1.1811e+01	-7.9839e+00
	30	0.0000e+00	0.0000e+00	0.0000e+00	-1.1718e+02	-1.5453e+01	1.1607e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-5.6864e+01	1.6362e+01	1.8296e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-6.4844e+01	-1.8067e+00	-1.2942e+00
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	-4.7899e+01	-2.5631e+00	4.2227e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-6.5780e+01	-3.4337e+00	4.5098e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-6.5083e+01	-9.2610e+00	3.4089e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-4.8068e+01	-7.7410e+00	3.1218e+00
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	-4.8351e+01	6.0957e+00	1.5708e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-5.4426e+01	7.7525e+00	-3.0014e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-6.1278e+01	8.9956e+00	1.6702e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-4.9922e+01	5.0821e-01	6.2425e+00
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	-4.3919e+01	6.0721e+00	-9.8700e-01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-4.6732e+01	7.1976e+00	-5.4884e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-5.2642e+01	8.3630e+00	-3.3603e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-4.6301e+01	4.8675e+00	1.1411e+00
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	-4.0916e+01	4.4055e+00	-3.1330e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-4.3752e+01	5.5109e+00	-5.0245e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-4.5676e+01	5.8932e+00	-4.0961e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-4.2476e+01	4.9826e+00	-2.2046e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	-4.0095e+01	2.4263e+00	-5.3272e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-4.5271e+01	4.7489e+00	-4.7254e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-4.3685e+01	4.1968e+00	-3.5940e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-4.0572e+01	4.0626e+00	-4.1958e+00
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	-4.0137e+01	-8.9410e-01	-7.5506e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-4.8165e+01	3.7970e+00	-6.4107e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-4.5948e+01	2.1477e+00	-4.4132e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-4.0254e+01	2.5012e+00	-5.5531e+00
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	-3.7416e+01	-4.0466e+00	-4.2299e+00
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-5.0496e+01	-4.7834e+00	-4.6365e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-5.0743e+01	-6.3761e+00	-6.5938e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-3.7918e+01	-2.8628e+00	-6.1872e+00
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	-3.1512e+01	-1.8493e-01	4.0940e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-4.5050e+01	-1.0648e+00	4.7661e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-4.3492e+01	-4.9852e+00	2.6515e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	-3.1833e+01	-1.2734e+00	1.9795e+00
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	-3.1573e+01	1.6775e+00	4.2972e+00



	1586	0.0000e+00	0.0000e+00	0.0000e+00	-4.3260e+01	4.2618e+00	3.5970e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-4.3568e+01	1.5802e+00	5.1136e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-3.2555e+01	8.7131e-01	5.8137e+00
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	-3.0413e+01	1.8102e+00	1.5841e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-3.9677e+01	4.7667e+00	-3.3742e-01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-4.1978e+01	5.2962e+00	2.7325e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-3.1651e+01	1.5866e+00	4.6540e+00
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	-2.8987e+01	1.0576e+00	-2.0737e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-3.7320e+01	3.9387e+00	-3.4511e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-3.8895e+01	4.8569e+00	-4.3795e-01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-2.9950e+01	1.1951e+00	9.3949e-01
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	-2.8010e+01	4.8964e-01	-5.0934e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-3.6540e+01	2.6927e+00	-5.6780e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-3.7159e+01	3.5080e+00	-3.3292e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-2.8467e+01	6.1079e-01	-2.7446e+00
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	-2.7177e+01	3.1494e-01	-5.7212e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-3.5649e+01	1.7265e-02	-6.4455e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-3.6868e+01	1.9320e+00	-5.7310e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-2.7292e+01	8.2961e-02	-5.0067e+00
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	-2.5943e+01	5.7514e-01	-3.0278e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-3.4973e+01	-2.0257e+00	-3.7903e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-3.6150e+01	-1.1892e+00	-5.4280e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-2.6171e+01	-2.3386e-01	-4.6654e+00
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.5261e+01	3.7269e+00	4.8951e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-2.8518e+01	2.0165e+00	4.4913e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	-2.7901e+01	1.0058e+00	1.7242e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-1.6622e+01	5.3037e+00	2.1280e+00
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	-1.4331e+01	-2.6426e-01	6.0161e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.7122e+01	2.0161e+00	4.9772e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-2.7252e+01	1.8049e+00	5.6591e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.6116e+01	2.6047e+00	6.6979e+00
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.4153e+01	-2.5684e+00	2.8208e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-2.5226e+01	9.9468e-01	1.9769e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.6038e+01	1.7325e+00	5.0666e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-1.4896e+01	-1.4133e+00	5.9104e+00
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	-1.3946e+01	-3.2858e+00	-1.3724e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-2.3850e+01	2.9197e-01	-1.9847e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-2.4716e+01	9.0427e-01	1.6026e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.4208e+01	-3.3073e+00	2.2148e+00
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	-1.3716e+01	-2.1377e+00	-4.7711e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-2.3182e+01	2.8404e-01	-5.0522e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-2.3838e+01	3.5359e-01	-2.2558e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-1.3578e+01	-3.2969e+00	-1.9747e+00
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	-1.4124e+01	1.3874e+00	-5.8006e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-2.3044e+01	8.6388e-01	-5.5367e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-2.3646e+01	6.8615e-01	-4.7727e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-1.3036e+01	-1.4964e+00	-5.0365e+00
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	-1.4368e+01	4.9066e+00	-2.9798e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-2.3143e+01	2.0697e+00	-2.7368e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-2.3687e+01	1.5379e+00	-4.4550e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-1.3377e+01	2.4320e+00	-4.6981e+00
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	3.7497e+00	8.7897e+00	7.3962e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.2550e+01	6.4710e+00	5.6883e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-1.2880e+01	8.1693e+00	1.5039e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	9.3342e-01	1.4937e+01	3.2118e+00
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	3.4747e+00	-3.4392e+00	6.9838e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-9.6121e+00	-5.1415e-02	5.6854e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.0306e+01	3.6905e+00	7.4131e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	1.7771e+00	3.3268e+00	8.7114e+00
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	3.4857e-01	-6.5007e+00	1.8436e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-8.7041e+00	-3.6555e+00	2.7568e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-9.0452e+00	-1.1344e+00	6.2440e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	2.3720e+00	-5.8614e+00	5.3308e+00

1035 1566 0.0000e+00 0.0000e+00 0.0000e+00 -6.2366e-01 -7.2200e+00 -1.2828e+00  
1572 0.0000e+00 0.0000e+00 0.0000e+00 -8.6984e+00 -4.1223e+00 -1.0922e+00  
1573 0.0000e+00 0.0000e+00 0.0000e+00 -8.8361e+00 -3.6180e+00 2.0754e+00  
1567 0.0000e+00 0.0000e+00 0.0000e+00 -1.3478e-01 -7.3984e+00 1.8847e+00

1036 1565 0.0000e+00 0.0000e+00 0.0000e+00 7.8700e-01 -6.0953e+00 -4.2289e+00  
1571 0.0000e+00 0.0000e+00 0.0000e+00 -8.6349e+00 -2.3236e+00 -4.8773e+00  
1572 0.0000e+00 0.0000e+00 0.0000e+00 -8.6390e+00 -3.8721e+00 -1.7903e+00  
1566 0.0000e+00 0.0000e+00 0.0000e+00 -4.0342e-01 -6.8037e+00 -1.1418e+00

1037 1564 0.0000e+00 0.0000e+00 0.0000e+00 2.5151e-01 1.0920e+00 -7.2629e+00  
1570 0.0000e+00 0.0000e+00 0.0000e+00 -9.3758e+00 1.9186e+00 -6.3348e+00  
1571 0.0000e+00 0.0000e+00 0.0000e+00 -8.9619e+00 -1.2400e+00 -4.5468e+00  
1565 0.0000e+00 0.0000e+00 0.0000e+00 1.5473e+00 -4.2956e+00 -5.4749e+00

1038 1318 0.0000e+00 0.0000e+00 0.0000e+00 -8.4909e-01 1.1381e+01 -4.0438e+00  
1329 0.0000e+00 0.0000e+00 0.0000e+00 -1.1299e+01 6.7523e+00 -2.4821e+00  
1570 0.0000e+00 0.0000e+00 0.0000e+00 -1.0965e+01 4.4623e+00 -5.0780e+00  
1564 0.0000e+00 0.0000e+00 0.0000e+00 1.6936e+00 5.4705e+00 -6.6397e+00

1039 1563 0.0000e+00 0.0000e+00 0.0000e+00 3.4477e+01 1.9934e+01 9.7200e+00  
1569 0.0000e+00 0.0000e+00 0.0000e+00 5.0471e+00 1.2191e+01 8.7840e+00  
1383 0.0000e+00 0.0000e+00 0.0000e+00 5.2733e+00 2.0177e+01 2.5475e+00  
1372 0.0000e+00 0.0000e+00 0.0000e+00 3.2527e+01 2.5976e+01 3.4835e+00

1040 1562 0.0000e+00 0.0000e+00 0.0000e+00 1.6137e+01 -7.6105e+00 -1.4720e+00  
1568 0.0000e+00 0.0000e+00 0.0000e+00 1.0022e+01 -6.9046e+00 4.1667e+00  
1569 0.0000e+00 0.0000e+00 0.0000e+00 1.1308e+01 4.8233e+00 1.1980e+01  
1563 0.0000e+00 0.0000e+00 0.0000e+00 2.5238e+01 -1.1437e+01 6.3415e+00

1041 1561 0.0000e+00 0.0000e+00 0.0000e+00 6.6336e+00 -7.8175e+00 -3.6806e+00  
1567 0.0000e+00 0.0000e+00 0.0000e+00 4.9337e+00 -8.2762e+00 1.6144e+00  
1568 0.0000e+00 0.0000e+00 0.0000e+00 6.8018e+00 -4.9640e+00 3.4544e+00  
1562 0.0000e+00 0.0000e+00 0.0000e+00 1.4520e+01 -9.4182e+00 -1.8406e+00

1042 1560 0.0000e+00 0.0000e+00 0.0000e+00 4.5456e+00 -7.3631e+00 -8.5193e-01  
1566 0.0000e+00 0.0000e+00 0.0000e+00 2.8076e+00 -7.6443e+00 4.5942e-02  
1567 0.0000e+00 0.0000e+00 0.0000e+00 3.4635e+00 -7.3387e+00 -7.1494e-03  
1561 0.0000e+00 0.0000e+00 0.0000e+00 5.5436e+00 -7.5046e+00 -9.0502e-01

1043 1559 0.0000e+00 0.0000e+00 0.0000e+00 1.0034e+01 -8.6578e+00 6.4480e-01  
1565 0.0000e+00 0.0000e+00 0.0000e+00 4.4427e+00 -5.6421e+00 -2.6746e+00  
1566 0.0000e+00 0.0000e+00 0.0000e+00 3.4702e+00 -7.9179e+00 -1.5120e+00  
1560 0.0000e+00 0.0000e+00 0.0000e+00 4.8915e+00 -7.4267e+00 1.8074e+00

1044 1558 0.0000e+00 0.0000e+00 0.0000e+00 1.8417e+01 -1.0734e+01 -5.2798e+00  
1564 0.0000e+00 0.0000e+00 0.0000e+00 7.5423e+00 2.0310e+00 -9.6590e+00  
1565 0.0000e+00 0.0000e+00 0.0000e+00 6.9318e+00 -6.9991e+00 -3.5011e+00  
1559 0.0000e+00 0.0000e+00 0.0000e+00 1.0960e+01 -7.6060e+00 8.7811e-01

1045 1307 0.0000e+00 0.0000e+00 0.0000e+00 2.2623e+01 1.9010e+01 -5.0865e+00  
1318 0.0000e+00 0.0000e+00 0.0000e+00 3.0520e+00 1.4936e+01 -3.7178e+00  
1564 0.0000e+00 0.0000e+00 0.0000e+00 3.2171e+00 7.6892e+00 -7.3738e+00  
1558 0.0000e+00 0.0000e+00 0.0000e+00 2.4979e+01 1.1554e+01 -8.7425e+00

1046 1077 0.0000e+00 0.0000e+00 0.0000e+00 2.2104e+01 -5.6293e+01 -7.6055e+01  
1563 0.0000e+00 0.0000e+00 0.0000e+00 8.2686e+01 2.4244e+00 -7.3187e+00  
1372 0.0000e+00 0.0000e+00 0.0000e+00 -6.2773e+00 4.7869e+01 1.5250e+01  
20 0.0000e+00 0.0000e+00 0.0000e+00 2.3769e+02 5.7581e+01 -5.3487e+01

1047 1076 0.0000e+00 0.0000e+00 0.0000e+00 4.9157e+00 -7.1198e+00 -2.2045e+01  
1562 0.0000e+00 0.0000e+00 0.0000e+00 2.0929e+01 -1.7114e+01 -3.2357e+00  
1563 0.0000e+00 0.0000e+00 0.0000e+00 5.8521e+01 -3.6423e+00 -1.2888e+01  
1077 0.0000e+00 0.0000e+00 0.0000e+00 1.9734e+00 7.3225e+00 -3.1697e+01

1048 1075 0.0000e+00 0.0000e+00 0.0000e+00 -3.0781e+00 -2.6576e+00 -9.4793e+00  
1561 0.0000e+00 0.0000e+00 0.0000e+00 5.5356e+00 -7.3832e+00 -3.1218e+00  
1562 0.0000e+00 0.0000e+00 0.0000e+00 1.3075e+01 -8.0514e+00 -1.0361e+01  
1076 0.0000e+00 0.0000e+00 0.0000e+00 1.0942e+00 2.9430e+00 -1.6719e+01

1049 1074 0.0000e+00 0.0000e+00 0.0000e+00 -4.6902e+00 -7.4004e-03 9.3277e-01  
1560 0.0000e+00 0.0000e+00 0.0000e+00 2.6605e+00 -6.2836e+00 1.6815e+00  
1561 0.0000e+00 0.0000e+00 0.0000e+00 3.8108e+00 -6.4434e+00 -4.5199e+00  
1075 0.0000e+00 0.0000e+00 0.0000e+00 -4.4613e+00 7.4626e-01 -5.2686e+00

1050 1073 0.0000e+00 0.0000e+00 0.0000e+00 -1.3307e+00 1.3284e+00 1.1025e+01  
1559 0.0000e+00 0.0000e+00 0.0000e+00 8.2439e+00 -7.5057e+00 6.9419e+00  
1560 0.0000e+00 0.0000e+00 0.0000e+00 3.5158e+00 -6.8169e+00 5.7814e-01

	1074	0.0000e+00	0.0000e+00	0.0000e+00	-4.1234e+00	-1.8326e+00	4.6609e+00
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	-1.6468e+00	3.1565e+00	2.3049e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	4.1628e+01	-5.3721e+00	9.4709e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	1.3854e+01	-1.4220e+01	1.6777e+00
	1073	0.0000e+00	0.0000e+00	0.0000e+00	1.1146e+00	-5.8265e+00	1.5256e+01
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	1.7172e+02	2.8546e+01	3.6042e+01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-2.7935e+00	3.4257e+01	-1.6269e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	6.0746e+01	-3.0853e+00	4.3883e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	1.1820e+01	-4.2231e+01	5.6700e+01
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	6.4844e+01	1.8081e+00	-1.2950e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	5.6865e+01	-1.6360e+01	1.8295e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	1.1718e+02	1.5454e+01	1.1606e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	4.0620e+01	1.1812e+01	-7.9845e+00
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	4.9071e+01	-6.0029e+00	-3.5910e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	4.1315e+01	-3.4340e+00	5.6753e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	4.9910e+01	3.3239e+00	8.2773e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	5.7546e+01	2.4265e-01	-9.8894e-01
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	4.3492e+01	-4.8970e+00	-4.5469e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	3.5879e+01	-2.8946e+00	-1.7214e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	3.8970e+01	2.2778e+00	1.7733e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	4.5606e+01	-3.3082e+00	-1.0522e+00
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	4.5070e+01	-5.8737e+00	-6.6797e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	3.6378e+01	-5.0446e+00	-8.4458e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	3.5671e+01	2.1250e+00	-4.8604e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	4.2523e+01	-4.8313e+00	-3.0943e+00
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	5.3704e+01	-7.7436e+00	-8.4655e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	4.2943e+01	-8.4631e+00	-1.5333e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	3.8149e+01	8.2936e-01	-1.1766e+01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	4.5848e+01	-7.6340e+00	-4.8992e+00
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	7.5166e+01	-5.2348e+00	-6.3375e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	5.8586e+01	-1.1071e+01	-2.1892e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	4.7186e+01	-3.1338e+00	-1.9961e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	5.7913e+01	-1.3162e+01	-4.4069e+00
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	5.7299e+01	1.7751e+01	1.1643e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	1.5652e+02	-8.8989e-01	-2.0343e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	6.8917e+01	-2.1401e+01	-3.6109e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	8.5985e+01	-5.8083e+00	-4.1222e+00
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	3.7918e+01	2.8639e+00	-6.1877e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	5.0743e+01	6.3773e+00	-6.5945e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	5.0496e+01	4.7847e+00	-4.6370e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	3.7416e+01	4.0476e+00	-4.2302e+00
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.0254e+01	-2.5001e+00	-5.5539e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	4.5949e+01	-2.1464e+00	-4.4142e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	4.8166e+01	-3.7957e+00	-6.4116e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.0136e+01	8.9513e-01	-7.5513e+00
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.0572e+01	-4.0612e+00	-4.1969e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	4.3686e+01	-4.1952e+00	-3.5953e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	4.5272e+01	-4.7475e+00	-4.7266e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.0095e+01	-2.4251e+00	-5.3281e+00
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.2477e+01	-4.9808e+00	-2.2061e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	4.5677e+01	-5.8912e+00	-4.0977e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	4.3752e+01	-5.5092e+00	-5.0259e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.0916e+01	-4.4041e+00	-3.1343e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.6302e+01	-4.8652e+00	1.1392e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	5.2643e+01	-8.3604e+00	-3.3624e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	4.6733e+01	-7.1953e+00	-5.4902e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.3920e+01	-6.0702e+00	-9.8865e-01
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.9922e+01	-5.0534e-01	6.2400e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	6.1279e+01	-8.9924e+00	1.6677e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	5.4427e+01	-7.7496e+00	-3.0036e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.8351e+01	-6.0933e+00	1.5687e+00
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.8069e+01	7.7444e+00	3.1186e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	6.5084e+01	9.2650e+00	3.4057e+00

	1546	0.0000e+00	0.0000e+00	0.0000e+00	6.5781e+01	3.4373e+00	4.5071e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.7900e+01	2.5662e+00	4.2200e+00
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.6170e+01	2.3455e-01	-4.6658e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	3.6150e+01	1.1901e+00	-5.4284e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	3.4973e+01	2.0264e+00	-3.7906e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.5942e+01	-5.7458e-01	-3.0280e+00
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.7292e+01	-8.2115e-02	-5.0074e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	3.6868e+01	-1.9310e+00	-5.7318e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	3.5649e+01	-1.6353e-02	-6.4461e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.7177e+01	-3.1423e-01	-5.7216e+00
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.8467e+01	-6.0973e-01	-2.7455e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	3.7159e+01	-3.5067e+00	-3.3303e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	3.6540e+01	-2.6916e+00	-5.6789e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.8009e+01	-4.8876e-01	-5.0941e+00
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.9950e+01	-1.1937e+00	9.3822e-01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	3.8895e+01	-4.8552e+00	-4.3937e-01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	3.7320e+01	-3.9374e+00	-3.4523e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.8987e+01	-1.0565e+00	-2.0747e+00
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	3.1652e+01	-1.5849e+00	4.6523e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.1978e+01	-5.2940e+00	2.7306e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	3.9677e+01	-4.7649e+00	-3.3897e-01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	3.0413e+01	-1.8087e+00	1.5827e+00
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	3.2556e+01	-8.6909e-01	5.8115e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.3568e+01	-1.5774e+00	5.1112e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.3261e+01	-4.2596e+00	3.5950e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	3.1574e+01	-1.6756e+00	4.2953e+00
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	3.1834e+01	1.2761e+00	1.9767e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.3493e+01	4.9884e+00	2.6485e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.5051e+01	1.0676e+00	4.7635e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	3.1513e+01	1.8728e-01	4.0917e+00
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.3376e+01	-2.4316e+00	-4.6983e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.3686e+01	-1.5373e+00	-4.4553e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.3142e+01	-2.0693e+00	-2.7369e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.4368e+01	-4.9063e+00	-2.9799e+00
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.3035e+01	1.4970e+00	-5.0369e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.3646e+01	-6.8540e-01	-4.7733e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.3043e+01	-8.6325e-01	-5.5371e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.4123e+01	-1.3869e+00	-5.8008e+00
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.3578e+01	3.2976e+00	-1.9753e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.3838e+01	-3.5264e-01	-2.2567e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.3182e+01	-2.8326e-01	-5.0529e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.3715e+01	2.1383e+00	-4.7716e+00
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.4208e+01	3.3083e+00	2.2139e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.4716e+01	-9.0302e-01	1.6014e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.3850e+01	-2.9097e-01	-1.9856e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.3946e+01	3.2866e+00	-1.3731e+00
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.4896e+01	1.4146e+00	5.9091e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.6038e+01	-1.7308e+00	5.0650e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.5226e+01	-9.9336e-01	1.9757e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.4153e+01	2.5695e+00	2.8197e+00
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.6116e+01	-2.6030e+00	6.6961e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.7252e+01	-1.8028e+00	5.6570e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.7123e+01	-2.0144e+00	4.9755e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.4332e+01	2.6565e-01	6.0146e+00
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.6623e+01	-5.3017e+00	2.1257e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	2.7902e+01	-1.0033e+00	1.7216e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.8519e+01	-2.0143e+00	4.4890e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.5262e+01	-3.7252e+00	4.8932e+00
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.6943e+00	-5.4703e+00	-6.6398e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.0964e+01	-4.4619e+00	-5.0781e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.1298e+01	-6.7520e+00	-2.4822e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	8.4835e-01	-1.1381e+01	-4.0438e+00
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.5479e+00	4.2960e+00	-5.4752e+00

	1532	0.0000e+00	0.0000e+00	0.0000e+00	8.9614e+00	1.2405e+00	-4.5472e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	9.3751e+00	-1.9182e+00	-6.3350e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-2.5216e-01	-1.0917e+00	-7.2630e+00
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	4.0303e-01	6.8042e+00	-1.1423e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	8.6386e+00	3.8728e+00	-1.7908e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	8.6345e+00	2.3241e+00	-4.8777e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-7.8751e-01	6.0956e+00	-4.2292e+00
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	1.3461e-01	7.3991e+00	1.8840e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	8.8359e+00	3.6189e+00	2.0745e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	8.6981e+00	4.1230e+00	-1.0929e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	6.2333e-01	7.2206e+00	-1.2834e+00
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	-2.3718e+00	5.8623e+00	5.3298e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	9.0454e+00	1.1355e+00	6.2428e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	8.7041e+00	3.6565e+00	2.7558e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-3.4866e-01	6.5014e+00	1.8428e+00
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.7766e+00	-3.3257e+00	8.7101e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.0307e+01	-3.6890e+00	7.4114e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	9.6125e+00	5.2656e-02	5.6841e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-3.4745e+00	3.4401e+00	6.9827e+00
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	-9.3249e-01	-1.4935e+01	3.2100e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.2881e+01	-8.1674e+00	1.5018e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.2551e+01	-6.4694e+00	5.6866e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-3.7491e+00	-8.7884e+00	7.3948e+00
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-2.4980e+01	-1.1554e+01	-8.7425e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-3.2177e+00	-7.6890e+00	-7.3738e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-3.0527e+00	-1.4936e+01	-3.7177e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-2.2624e+01	-1.9010e+01	-5.0864e+00
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.0961e+01	7.6062e+00	8.7798e-01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-6.9323e+00	6.9993e+00	-3.5013e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-7.5429e+00	-2.0307e+00	-9.6591e+00
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.8417e+01	1.0734e+01	-5.2798e+00
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	-4.8918e+00	7.4270e+00	1.8071e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-3.4706e+00	7.9183e+00	-1.5124e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-4.4431e+00	5.6424e+00	-2.6749e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.0034e+01	8.6579e+00	6.4465e-01
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-5.5438e+00	7.5051e+00	-9.0545e-01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-3.4636e+00	7.3393e+00	-7.7295e-03
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-2.8078e+00	7.6447e+00	4.5498e-02
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-4.5458e+00	7.3634e+00	-8.5222e-01
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.4519e+01	9.4188e+00	-1.8412e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-6.8016e+00	4.9648e+00	3.4536e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-4.9338e+00	8.2768e+00	1.6137e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-6.6337e+00	7.8180e+00	-3.6811e+00
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	-2.5237e+01	1.1438e+01	6.3406e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.1308e+01	-4.8222e+00	1.1979e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.0022e+01	6.9054e+00	4.1657e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.6137e+01	7.6111e+00	-1.4727e+00
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-3.2526e+01	-2.5975e+01	3.4822e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-5.2723e+00	-2.0175e+01	2.5459e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-5.0464e+00	-1.2190e+01	8.7827e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-3.4477e+01	-1.9933e+01	9.7190e+00
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	-1.1820e+01	4.2231e+01	5.6700e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-6.0746e+01	3.0853e+00	4.3883e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	2.7930e+00	-3.4257e+01	-1.6269e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.7172e+02	-2.8546e+01	3.6042e+01
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	-1.1149e+00	5.8265e+00	1.5256e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.3854e+01	1.4220e+01	1.6776e+00
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-4.1629e+01	5.3722e+00	9.4709e+00
	1011	0.0000e+00	0.0000e+00	0.0000e+00	1.6464e+00	-3.1565e+00	2.3049e+01
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	4.1232e+00	1.8327e+00	4.6608e+00
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-3.5161e+00	6.8171e+00	5.7794e-01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-8.2442e+00	7.5058e+00	6.9417e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	1.3304e+00	-1.3283e+00	1.1025e+01

1098 1008 0.0000e+00 0.0000e+00 0.0000e+00 4.4613e+00 -7.4597e-01 -5.2688e+00  
1518 0.0000e+00 0.0000e+00 0.0000e+00 -3.8109e+00 6.4437e+00 -4.5202e+00  
1519 0.0000e+00 0.0000e+00 0.0000e+00 -2.6607e+00 6.2839e+00 1.6813e+00  
1009 0.0000e+00 0.0000e+00 0.0000e+00 4.6901e+00 7.5891e-03 9.3266e-01  
  
1099 1007 0.0000e+00 0.0000e+00 0.0000e+00 -1.0940e+00 -2.9426e+00 -1.6719e+01  
1517 0.0000e+00 0.0000e+00 0.0000e+00 -1.3074e+01 8.0519e+00 -1.0362e+01  
1518 0.0000e+00 0.0000e+00 0.0000e+00 -5.5356e+00 7.3836e+00 -3.1222e+00  
1008 0.0000e+00 0.0000e+00 0.0000e+00 3.0781e+00 2.6579e+00 -9.4795e+00  
  
1100 1006 0.0000e+00 0.0000e+00 0.0000e+00 -1.9730e+00 -7.3219e+00 -3.1698e+01  
1516 0.0000e+00 0.0000e+00 0.0000e+00 -5.8520e+01 3.6429e+00 -1.2888e+01  
1517 0.0000e+00 0.0000e+00 0.0000e+00 -2.0929e+01 1.7114e+01 -3.2363e+00  
1007 0.0000e+00 0.0000e+00 0.0000e+00 -4.9155e+00 7.1202e+00 -2.2046e+01  
  
1101 14 0.0000e+00 0.0000e+00 0.0000e+00 -2.3769e+02 -5.7581e+01 -5.3488e+01  
1162 0.0000e+00 0.0000e+00 0.0000e+00 6.2782e+00 -4.7868e+01 1.5248e+01  
1516 0.0000e+00 0.0000e+00 0.0000e+00 -8.2686e+01 -2.4237e+00 -7.3196e+00  
1006 0.0000e+00 0.0000e+00 0.0000e+00 -2.2104e+01 5.6294e+01 -7.6056e+01  
  
1102 1505 0.0000e+00 0.0000e+00 0.0000e+00 -5.0149e+01 6.6038e+00 -1.1422e+01  
1515 0.0000e+00 0.0000e+00 0.0000e+00 -3.3242e+01 -4.4242e+00 -2.5918e+01  
33 0.0000e+00 0.0000e+00 0.0000e+00 -7.6329e+01 2.8422e+01 -1.9591e+01  
1506 0.0000e+00 0.0000e+00 0.0000e+00 -3.3766e+01 3.6546e+00 -5.0944e+00  
  
1103 1504 0.0000e+00 0.0000e+00 0.0000e+00 -3.7791e+01 3.8707e+00 -9.0593e+00  
1514 0.0000e+00 0.0000e+00 0.0000e+00 -2.5329e+01 -1.6164e+01 -1.7017e+01  
1515 0.0000e+00 0.0000e+00 0.0000e+00 -2.7400e+01 1.9780e+01 -1.8983e+01  
1505 0.0000e+00 0.0000e+00 0.0000e+00 -5.0379e+01 4.0139e+00 -1.1025e+01  
  
1104 1503 0.0000e+00 0.0000e+00 0.0000e+00 -3.3305e+01 -3.3872e+00 -8.5147e+00  
1513 0.0000e+00 0.0000e+00 0.0000e+00 -2.3107e+01 -1.8544e+01 -1.1565e+01  
1514 0.0000e+00 0.0000e+00 0.0000e+00 -2.3109e+01 7.9742e+00 -1.4565e+01  
1504 0.0000e+00 0.0000e+00 0.0000e+00 -3.8922e+01 -6.6772e-01 -1.1515e+01  
  
1105 1502 0.0000e+00 0.0000e+00 0.0000e+00 -3.3157e+01 -7.3435e+00 -6.0516e+00  
1512 0.0000e+00 0.0000e+00 0.0000e+00 -2.3875e+01 -1.8389e+01 -6.3122e+00  
1513 0.0000e+00 0.0000e+00 0.0000e+00 -2.2313e+01 -1.5380e+00 -9.6025e+00  
1503 0.0000e+00 0.0000e+00 0.0000e+00 -3.5200e+01 -5.4385e+00 -9.3419e+00  
  
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1512 0.0000e+00 0.0000e+00 0.0000e+00 -2.4219e+01 -8.2267e+00 -4.4061e+00  
1502 0.0000e+00 0.0000e+00 0.0000e+00 -3.4918e+01 -8.0246e+00 -6.4292e+00  
  
1107 1500 0.0000e+00 0.0000e+00 0.0000e+00 -4.1544e+01 -8.2769e+00 8.8127e-01  
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1501 0.0000e+00 0.0000e+00 0.0000e+00 -3.7562e+01 -8.4150e+00 -3.1107e+00  
  
1108 1499 0.0000e+00 0.0000e+00 0.0000e+00 -5.1160e+01 -6.0095e+00 4.8707e+00  
1509 0.0000e+00 0.0000e+00 0.0000e+00 -4.1674e+01 -8.8852e+00 1.2533e+01  
1510 0.0000e+00 0.0000e+00 0.0000e+00 -3.5209e+01 -1.3569e+01 8.0348e+00  
1500 0.0000e+00 0.0000e+00 0.0000e+00 -4.3510e+01 -6.6763e+00 3.7204e-01  
  
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1509 0.0000e+00 0.0000e+00 0.0000e+00 -4.6061e+01 -1.2008e+01 1.6366e+01  
1499 0.0000e+00 0.0000e+00 0.0000e+00 -5.4317e+01 -2.6625e+00 3.4898e+00  
  
1110 1497 0.0000e+00 0.0000e+00 0.0000e+00 -9.8051e+01 -5.8127e+00 7.4862e+00  
1507 0.0000e+00 0.0000e+00 0.0000e+00 -8.3443e+01 -2.7201e+00 3.0813e+01  
1508 0.0000e+00 0.0000e+00 0.0000e+00 -6.4028e+01 -5.8019e+00 2.7406e+01  
1498 0.0000e+00 0.0000e+00 0.0000e+00 -7.4495e+01 4.6894e+00 4.0788e+00  
  
1111 1437 0.0000e+00 0.0000e+00 0.0000e+00 -7.0417e+01 -2.9046e+01 -9.8031e+00  
32 0.0000e+00 0.0000e+00 0.0000e+00 -2.2055e+02 -2.2594e+01 3.3218e+01  
1507 0.0000e+00 0.0000e+00 0.0000e+00 -9.8852e+01 2.2986e+01 4.9787e+01  
1497 0.0000e+00 0.0000e+00 0.0000e+00 -1.1286e+02 -6.5408e+00 6.7660e+00  
  
1112 1495 0.0000e+00 0.0000e+00 0.0000e+00 -4.5138e+01 3.5985e-01 -9.4411e+00  
1505 0.0000e+00 0.0000e+00 0.0000e+00 -4.6565e+01 8.1239e+00 -1.0593e+01  
1506 0.0000e+00 0.0000e+00 0.0000e+00 -6.7883e+01 1.9043e+00 -8.7763e+00  
1496 0.0000e+00 0.0000e+00 0.0000e+00 -2.5941e+01 5.7239e+00 -7.6245e+00  
  
1113 1494 0.0000e+00 0.0000e+00 0.0000e+00 -4.2699e+01 1.3461e+00 -7.6171e+00  
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1505 0.0000e+00 0.0000e+00 0.0000e+00 -4.3984e+01 4.3265e+00 -9.3013e+00

1495 0.0000e+00 0.0000e+00 0.0000e+00 -4.6116e+01 1.7964e+00 -6.1766e+00

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1503 0.0000e+00 0.0000e+00 0.0000e+00 -3.8151e+01 -2.6342e+00 -1.0548e+01  
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1494 0.0000e+00 0.0000e+00 0.0000e+00 -4.1196e+01 -8.8034e-01 -8.5401e+00

1115 1492 0.0000e+00 0.0000e+00 0.0000e+00 -3.9275e+01 -5.4838e+00 -7.7024e+00  
1502 0.0000e+00 0.0000e+00 0.0000e+00 -3.7580e+01 -6.2435e+00 -8.1674e+00  
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1493 0.0000e+00 0.0000e+00 0.0000e+00 -3.9563e+01 -3.9652e+00 -8.8990e+00

1116 1491 0.0000e+00 0.0000e+00 0.0000e+00 -4.0251e+01 -6.6271e+00 -6.6127e+00  
1501 0.0000e+00 0.0000e+00 0.0000e+00 -3.9548e+01 -7.6653e+00 -5.2707e+00  
1502 0.0000e+00 0.0000e+00 0.0000e+00 -3.8090e+01 -8.0266e+00 -6.7784e+00  
1492 0.0000e+00 0.0000e+00 0.0000e+00 -3.9237e+01 -5.7908e+00 -8.1205e+00

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1500 0.0000e+00 0.0000e+00 0.0000e+00 -4.4296e+01 -7.0527e+00 -2.3168e+00  
1501 0.0000e+00 0.0000e+00 0.0000e+00 -4.0638e+01 -8.1672e+00 -3.6792e+00  
1491 0.0000e+00 0.0000e+00 0.0000e+00 -4.0998e+01 -6.0081e+00 -7.0006e+00

1118 1489 0.0000e+00 0.0000e+00 0.0000e+00 -4.9071e+01 -4.9243e+00 -5.4772e+00  
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1500 0.0000e+00 0.0000e+00 0.0000e+00 -4.6104e+01 -6.5110e+00 -5.2776e-01  
1490 0.0000e+00 0.0000e+00 0.0000e+00 -4.5081e+01 -4.7021e+00 -6.1500e+00

1119 1488 0.0000e+00 0.0000e+00 0.0000e+00 -5.5996e+01 -4.3003e+00 -7.1040e+00  
1498 0.0000e+00 0.0000e+00 0.0000e+00 -6.5259e+01 -7.1700e-01 7.6288e-01  
1499 0.0000e+00 0.0000e+00 0.0000e+00 -5.5111e+01 -3.6648e+00 1.9227e+00  
1489 0.0000e+00 0.0000e+00 0.0000e+00 -5.1653e+01 -2.6000e+00 -5.9442e+00

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1497 0.0000e+00 0.0000e+00 0.0000e+00 -7.8028e+01 1.3251e+00 -3.5179e+00  
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1488 0.0000e+00 0.0000e+00 0.0000e+00 -5.8742e+01 -2.0262e+00 -6.4996e+00

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1437 0.0000e+00 0.0000e+00 0.0000e+00 -8.6302e+01 -1.5875e+01 -1.7460e+00  
1497 0.0000e+00 0.0000e+00 0.0000e+00 -8.4478e+01 -1.6414e+01 -5.3172e+00  
1487 0.0000e+00 0.0000e+00 0.0000e+00 -5.9243e+01 -1.0852e+01 -7.0402e+00

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1495 0.0000e+00 0.0000e+00 0.0000e+00 -4.0660e+01 5.8530e+00 -8.8647e+00  
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1486 0.0000e+00 0.0000e+00 0.0000e+00 -1.3254e+01 8.1082e+00 -8.4834e+00

1123 1484 0.0000e+00 0.0000e+00 0.0000e+00 -3.4404e+01 -6.1864e-01 -6.3297e+00  
1494 0.0000e+00 0.0000e+00 0.0000e+00 -4.0615e+01 -5.5267e-01 -6.9863e+00  
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1124 1483 0.0000e+00 0.0000e+00 0.0000e+00 -3.4360e+01 -3.6016e+00 -7.5504e+00  
1493 0.0000e+00 0.0000e+00 0.0000e+00 -3.8888e+01 -3.1123e+00 -8.4291e+00  
1494 0.0000e+00 0.0000e+00 0.0000e+00 -4.0518e+01 -4.7152e-01 -7.4356e+00  
1484 0.0000e+00 0.0000e+00 0.0000e+00 -3.4348e+01 -2.1395e+00 -6.5570e+00

1125 1482 0.0000e+00 0.0000e+00 0.0000e+00 -3.4050e+01 -5.4412e+00 -8.0198e+00  
1492 0.0000e+00 0.0000e+00 0.0000e+00 -3.8362e+01 -5.2323e+00 -8.3871e+00  
1493 0.0000e+00 0.0000e+00 0.0000e+00 -3.8832e+01 -3.6302e+00 -7.9104e+00  
1483 0.0000e+00 0.0000e+00 0.0000e+00 -3.4257e+01 -4.4566e+00 -7.5430e+00

1126 1481 0.0000e+00 0.0000e+00 0.0000e+00 -3.4210e+01 -6.4808e+00 -8.3797e+00  
1491 0.0000e+00 0.0000e+00 0.0000e+00 -3.9263e+01 -5.8871e+00 -7.9213e+00  
1492 0.0000e+00 0.0000e+00 0.0000e+00 -3.8558e+01 -5.6487e+00 -7.6065e+00  
1482 0.0000e+00 0.0000e+00 0.0000e+00 -3.4071e+01 -5.7384e+00 -8.0650e+00

1127 1480 0.0000e+00 0.0000e+00 0.0000e+00 -3.5071e+01 -6.6718e+00 -9.1044e+00  
1490 0.0000e+00 0.0000e+00 0.0000e+00 -4.1823e+01 -5.1632e+00 -7.6707e+00  
1491 0.0000e+00 0.0000e+00 0.0000e+00 -3.9743e+01 -6.1951e+00 -7.0240e+00  
1481 0.0000e+00 0.0000e+00 0.0000e+00 -3.4511e+01 -6.0908e+00 -8.4576e+00

1128 1479 0.0000e+00 0.0000e+00 0.0000e+00 -3.6740e+01 -6.0768e+00 -1.0566e+01  
1489 0.0000e+00 0.0000e+00 0.0000e+00 -4.6097e+01 -3.4656e+00 -8.1241e+00  
1490 0.0000e+00 0.0000e+00 0.0000e+00 -4.2699e+01 -5.4358e+00 -6.8304e+00  
1480 0.0000e+00 0.0000e+00 0.0000e+00 -3.5639e+01 -5.6336e+00 -9.2727e+00

1129 1478 0.0000e+00 0.0000e+00 0.0000e+00 -3.8762e+01 -5.0086e+00 -1.2055e+01  
1488 0.0000e+00 0.0000e+00 0.0000e+00 -5.1375e+01 -2.3558e+00 -9.1650e+00

1489 0.0000e+00 0.0000e+00 0.0000e+00 -4.7497e+01 -4.0202e+00 -7.6216e+00  
1479 0.0000e+00 0.0000e+00 0.0000e+00 -3.7316e+01 -4.7188e+00 -1.0511e+01

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1487 0.0000e+00 0.0000e+00 0.0000e+00 -5.4362e+01 -5.3994e+00 -9.1189e+00  
1488 0.0000e+00 0.0000e+00 0.0000e+00 -5.3225e+01 -3.6004e+00 -9.4284e+00  
1478 0.0000e+00 0.0000e+00 0.0000e+00 -3.8637e+01 -4.2228e+00 -1.0833e+01

1131 1415 0.0000e+00 0.0000e+00 0.0000e+00 -3.9814e+01 -3.4215e+00 -3.4594e+00  
1426 0.0000e+00 0.0000e+00 0.0000e+00 -5.5934e+01 -9.2065e+00 -3.1760e+00  
1487 0.0000e+00 0.0000e+00 0.0000e+00 -5.6271e+01 -7.9043e+00 -7.4735e+00  
1477 0.0000e+00 0.0000e+00 0.0000e+00 -3.8955e+01 -4.3576e+00 -7.7569e+00

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1485 0.0000e+00 0.0000e+00 0.0000e+00 -2.9933e+01 6.8057e+00 -9.8389e+00  
1486 0.0000e+00 0.0000e+00 0.0000e+00 -5.3242e+01 5.3251e+00 -8.8854e+00  
1476 0.0000e+00 0.0000e+00 0.0000e+00 1.4829e+00 1.0311e+01 -9.6684e+00

1133 1474 0.0000e+00 0.0000e+00 0.0000e+00 -2.3180e+01 -1.5402e+00 -6.7157e+00  
1484 0.0000e+00 0.0000e+00 0.0000e+00 -3.1636e+01 -1.5060e+00 -6.4766e+00  
1485 0.0000e+00 0.0000e+00 0.0000e+00 -2.8631e+01 2.1116e+00 -5.9309e+00  
1475 0.0000e+00 0.0000e+00 0.0000e+00 -2.5744e+01 9.6083e-01 -6.1700e+00

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1483 0.0000e+00 0.0000e+00 0.0000e+00 -3.1411e+01 -3.6836e+00 -7.6837e+00  
1484 0.0000e+00 0.0000e+00 0.0000e+00 -3.1918e+01 -1.6930e+00 -6.6554e+00  
1474 0.0000e+00 0.0000e+00 0.0000e+00 -2.3564e+01 -3.0818e+00 -6.8780e+00

1135 1472 0.0000e+00 0.0000e+00 0.0000e+00 -2.4829e+01 -5.8842e+00 -8.2001e+00  
1482 0.0000e+00 0.0000e+00 0.0000e+00 -3.1388e+01 -5.2642e+00 -8.2142e+00  
1483 0.0000e+00 0.0000e+00 0.0000e+00 -3.1547e+01 -4.1087e+00 -7.4463e+00  
1473 0.0000e+00 0.0000e+00 0.0000e+00 -2.4695e+01 -5.1561e+00 -7.4322e+00

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1482 0.0000e+00 0.0000e+00 0.0000e+00 -3.1439e+01 -5.6756e+00 -7.9481e+00  
1472 0.0000e+00 0.0000e+00 0.0000e+00 -2.4795e+01 -6.1667e+00 -7.6398e+00

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1481 0.0000e+00 0.0000e+00 0.0000e+00 -3.1310e+01 -6.4643e+00 -8.3848e+00  
1471 0.0000e+00 0.0000e+00 0.0000e+00 -2.4076e+01 -6.8867e+00 -7.8294e+00

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1480 0.0000e+00 0.0000e+00 0.0000e+00 -3.1450e+01 -6.4537e+00 -9.3021e+00  
1470 0.0000e+00 0.0000e+00 0.0000e+00 -2.2440e+01 -7.3654e+00 -8.7394e+00

1139 1468 0.0000e+00 0.0000e+00 0.0000e+00 -1.9462e+01 -5.7613e+00 -1.2498e+01  
1478 0.0000e+00 0.0000e+00 0.0000e+00 -3.2934e+01 -3.4399e+00 -1.2515e+01  
1479 0.0000e+00 0.0000e+00 0.0000e+00 -3.2284e+01 -5.3983e+00 -1.0777e+01  
1469 0.0000e+00 0.0000e+00 0.0000e+00 -2.0142e+01 -6.8500e+00 -1.0761e+01

1140 1467 0.0000e+00 0.0000e+00 0.0000e+00 -1.9951e+01 6.4952e-01 -1.1513e+01  
1477 0.0000e+00 0.0000e+00 0.0000e+00 -3.4215e+01 -1.7971e+00 -1.0519e+01  
1478 0.0000e+00 0.0000e+00 0.0000e+00 -3.3980e+01 -3.2270e+00 -1.1374e+01  
1468 0.0000e+00 0.0000e+00 0.0000e+00 -1.8355e+01 -3.8170e+00 -1.2368e+01

1141 1404 0.0000e+00 0.0000e+00 0.0000e+00 -2.0561e+01 6.7360e+00 -4.1951e+00  
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1477 0.0000e+00 0.0000e+00 0.0000e+00 -3.5642e+01 -1.0127e+00 -8.0796e+00  
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1475 0.0000e+00 0.0000e+00 0.0000e+00 -1.7542e+01 8.1698e+00 -1.1280e+01  
1476 0.0000e+00 0.0000e+00 0.0000e+00 -4.3557e+01 7.2697e+00 -1.0410e+01  
1466 0.0000e+00 0.0000e+00 0.0000e+00 1.7442e+01 1.3368e+01 -1.1480e+01

1143 1464 0.0000e+00 0.0000e+00 0.0000e+00 -1.2146e+01 -2.1718e+00 -8.6662e+00  
1474 0.0000e+00 0.0000e+00 0.0000e+00 -2.0096e+01 -2.4558e+00 -7.4441e+00  
1475 0.0000e+00 0.0000e+00 0.0000e+00 -1.6159e+01 2.3486e+00 -6.6982e+00  
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1464 0.0000e+00 0.0000e+00 0.0000e+00 -1.2837e+01 -3.7355e+00 -8.9887e+00

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1473 0.0000e+00 0.0000e+00 0.0000e+00 -2.1804e+01 -4.5697e+00 -8.0206e+00  
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1471 0.0000e+00 0.0000e+00 0.0000e+00 -2.0760e+01 -7.0580e+00 -7.6882e+00  
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1148 1459 0.0000e+00 0.0000e+00 0.0000e+00 -5.9231e+00 -1.0083e+01 -5.8273e+00  
1469 0.0000e+00 0.0000e+00 0.0000e+00 -1.5900e+01 -6.8919e+00 -9.5686e+00  
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1150 1457 0.0000e+00 0.0000e+00 0.0000e+00 3.2680e+00 2.4410e+00 -1.2910e+01  
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1468 0.0000e+00 0.0000e+00 0.0000e+00 -1.2868e+01 -3.3568e+00 -1.0878e+01  
1458 0.0000e+00 0.0000e+00 0.0000e+00 3.8332e+00 -6.6292e+00 -1.1227e+01

1151 1393 0.0000e+00 0.0000e+00 0.0000e+00 2.5480e+00 2.0580e+01 -5.6838e+00  
1404 0.0000e+00 0.0000e+00 0.0000e+00 -1.5948e+01 1.1006e+01 -3.4194e+00  
1467 0.0000e+00 0.0000e+00 0.0000e+00 -1.5580e+01 6.8516e+00 -9.4958e+00  
1457 0.0000e+00 0.0000e+00 0.0000e+00 6.3515e+00 1.0472e+01 -1.1760e+01

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1465 0.0000e+00 0.0000e+00 0.0000e+00 -4.1291e+00 8.8600e+00 -1.3939e+01  
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1153 1454 0.0000e+00 0.0000e+00 0.0000e+00 -6.0759e+00 -2.4585e+00 -1.4419e+01  
1464 0.0000e+00 0.0000e+00 0.0000e+00 -9.0523e+00 -4.1503e+00 -1.0167e+01  
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1462 0.0000e+00 0.0000e+00 0.0000e+00 -1.4774e+01 -4.3529e+00 -7.7860e+00  
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1453 0.0000e+00 0.0000e+00 0.0000e+00 -1.1144e+01 -1.8370e+00 -1.0592e+01

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1461 0.0000e+00 0.0000e+00 0.0000e+00 -1.3798e+01 -5.1079e+00 -5.3231e+00  
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1451 0.0000e+00 0.0000e+00 0.0000e+00 -1.0055e+01 -3.4536e+00 -1.9570e+00

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1459 0.0000e+00 0.0000e+00 0.0000e+00 -2.5749e+00 -8.7275e+00 -2.1041e+00  
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1450 0.0000e+00 0.0000e+00 0.0000e+00 -5.4220e+00 -6.2228e+00 2.8724e+00

1159 1448 0.0000e+00 0.0000e+00 0.0000e+00 1.7581e+01 -1.3767e+01 5.3596e+00  
1458 0.0000e+00 0.0000e+00 0.0000e+00 7.0066e+00 -7.9710e+00 -5.3027e+00  
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1449 0.0000e+00 0.0000e+00 0.0000e+00 3.6391e+00 -1.0304e+01 7.4577e+00

1160 1447 0.0000e+00 0.0000e+00 0.0000e+00 3.6258e+01 -1.9375e+01 -7.0582e+00  
1457 0.0000e+00 0.0000e+00 0.0000e+00 1.6226e+01 4.6759e+00 -1.7390e+01  
1458 0.0000e+00 0.0000e+00 0.0000e+00 1.2939e+01 -1.1726e+01 -5.7785e+00  
1448 0.0000e+00 0.0000e+00 0.0000e+00 2.0513e+01 -1.2888e+01 4.5531e+00

1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	4.6191e+01	3.5580e+01	-6.4174e+00
	1393	0.0000e+00	0.0000e+00	0.0000e+00	9.0996e+00	2.7702e+01	-5.0397e+00
	1457	0.0000e+00	0.0000e+00	0.0000e+00	8.3721e+00	1.4837e+01	-1.2460e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	4.9456e+01	2.3074e+01	-1.3838e+01
1162	782	0.0000e+00	0.0000e+00	0.0000e+00	-1.1678e+01	-1.4518e+01	-3.8189e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	1.3450e+01	3.4641e+00	-2.2242e+01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-2.9960e+01	1.4758e+01	-1.3756e+01
	22	0.0000e+00	0.0000e+00	0.0000e+00	6.1108e+01	1.4313e+01	-2.9703e+01
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	-1.1839e+01	9.5733e-01	-2.0218e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	-6.3443e+00	-4.0722e+00	-1.5184e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	7.3787e+00	-7.9948e-01	-1.9616e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	-1.6290e+01	3.7934e+00	-2.4649e+01
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.2907e+01	2.5552e+00	-1.4253e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	-1.1337e+01	-6.6356e-01	-1.2592e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	-9.1058e+00	-1.7870e+00	-1.6837e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	-1.2078e+01	4.2102e+00	-1.8497e+01
1165	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.2510e+01	3.6095e+00	-8.0414e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	-1.2643e+01	-3.0418e-01	-7.9461e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	-1.1961e+01	-6.7703e-01	-1.1971e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.3017e+01	4.1490e+00	-1.2066e+01
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.1756e+01	3.5961e+00	-2.0707e+00
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-1.1628e+01	-1.1260e+00	-2.8992e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	-1.2623e+01	-4.5370e-01	-7.0015e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.2288e+01	3.7321e+00	-6.1730e+00
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	-1.0570e+01	3.0581e+00	4.7770e+00
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-8.3180e+00	-3.3539e+00	2.8653e+00
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-1.1145e+01	-1.4090e+00	-1.9363e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.1264e+01	2.6054e+00	-2.4654e-02
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	-8.4644e+00	2.3499e+00	1.3876e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-5.5615e-01	-7.2022e+00	9.7495e+00
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-7.0580e+00	-4.0025e+00	3.3299e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	-9.5633e+00	3.8500e-01	7.4560e+00
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	3.9270e-02	2.8489e+00	2.7918e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	1.5688e+01	-1.2590e+01	1.7665e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	2.7748e+00	-9.0002e+00	8.5653e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	-5.9341e+00	-4.6788e+00	1.8818e+01
1170	774	0.0000e+00	0.0000e+00	0.0000e+00	4.3307e-01	5.9607e+00	4.8075e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	8.1956e+01	-9.5388e+00	2.1007e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	2.7090e+01	-2.5641e+01	7.8098e+00
	775	0.0000e+00	0.0000e+00	0.0000e+00	5.4365e+00	-1.2485e+01	3.4878e+01
1171	21	0.0000e+00	0.0000e+00	0.0000e+00	3.3322e+02	5.9757e+01	7.3175e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-3.9632e+00	6.4859e+01	-2.6679e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	1.1819e+02	-4.1574e+00	1.1765e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	2.7130e+01	-8.2534e+01	1.1162e+02
1172	1436	0.0000e+00	0.0000e+00	0.0000e+00	-1.0935e+02	9.7325e+00	-1.0588e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-8.8175e+01	2.4887e+01	-5.6043e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	-2.1424e+02	1.8042e+00	-3.3545e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	-7.5388e+01	-2.7453e+01	1.1910e+01
1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	-6.7166e+01	1.3940e+01	-1.1160e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-5.6054e+01	-2.2347e-01	-3.2755e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-7.4106e+01	1.3757e+01	-3.5999e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-9.2871e+01	5.9977e+00	-1.4405e+01
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	-4.8376e+01	5.4048e+00	-1.1195e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-4.0770e+01	-6.4565e+00	-2.1934e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-4.9107e+01	8.6210e+00	-2.6649e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-6.1799e+01	6.0685e+00	-1.5911e+01
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	-3.9357e+01	3.6229e-01	-8.2474e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-3.3014e+01	-9.1008e+00	-1.3889e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-3.6890e+01	2.5428e+00	-1.8267e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-4.6912e+01	1.7224e+00	-1.2626e+01
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	-3.5636e+01	-2.5705e+00	-4.7070e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-2.9725e+01	-9.8036e+00	-7.0628e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-3.1028e+01	-2.3708e+00	-1.1126e+01

1433 0.0000e+00 0.0000e+00 0.0000e+00 -3.9106e+01 -1.5834e+00 -8.7700e+00

1177 1431 0.0000e+00 0.0000e+00 0.0000e+00 -3.5910e+01 -3.7531e+00 -9.4945e-01  
1441 0.0000e+00 0.0000e+00 0.0000e+00 -2.9963e+01 -9.1439e+00 -5.9306e-01  
1442 0.0000e+00 0.0000e+00 0.0000e+00 -2.9171e+01 -5.7596e+00 -4.5811e+00  
1432 0.0000e+00 0.0000e+00 0.0000e+00 -3.5980e+01 -3.2779e+00 -4.9375e+00

1178 1430 0.0000e+00 0.0000e+00 0.0000e+00 -4.0205e+01 -3.4583e+00 2.9464e+00  
1440 0.0000e+00 0.0000e+00 0.0000e+00 -3.3859e+01 -7.4550e+00 6.1600e+00  
1441 0.0000e+00 0.0000e+00 0.0000e+00 -3.0750e+01 -7.5196e+00 2.0042e+00  
1431 0.0000e+00 0.0000e+00 0.0000e+00 -3.6802e+01 -3.3128e+00 -1.2093e+00

1179 1429 0.0000e+00 0.0000e+00 0.0000e+00 -4.9821e+01 -2.2161e+00 6.6690e+00  
1439 0.0000e+00 0.0000e+00 0.0000e+00 -4.2978e+01 -5.2403e+00 1.3828e+01  
1440 0.0000e+00 0.0000e+00 0.0000e+00 -3.6225e+01 -7.3716e+00 9.3864e+00  
1430 0.0000e+00 0.0000e+00 0.0000e+00 -4.2068e+01 -1.6280e+00 2.2275e+00

1180 1428 0.0000e+00 0.0000e+00 0.0000e+00 -7.0267e+01 -3.4696e+00 7.8146e+00  
1438 0.0000e+00 0.0000e+00 0.0000e+00 -6.1809e+01 -4.3774e+00 2.2591e+01  
1439 0.0000e+00 0.0000e+00 0.0000e+00 -4.7699e+01 -4.1235e+00 1.8777e+01  
1429 0.0000e+00 0.0000e+00 0.0000e+00 -5.4436e+01 2.4975e+00 4.0007e+00

1181 1427 0.0000e+00 0.0000e+00 0.0000e+00 -5.4386e+01 -2.1611e+01 -3.8265e+00  
31 0.0000e+00 0.0000e+00 0.0000e+00 -1.5947e+02 -1.7781e+01 2.5986e+01  
1438 0.0000e+00 0.0000e+00 0.0000e+00 -7.1710e+01 1.4343e+01 3.6718e+01  
1428 0.0000e+00 0.0000e+00 0.0000e+00 -8.1735e+01 -3.0129e+00 6.9058e+00

1182 1425 0.0000e+00 0.0000e+00 0.0000e+00 -6.0942e+01 -4.5460e+00 1.9613e+00  
1436 0.0000e+00 0.0000e+00 0.0000e+00 -8.4475e+01 -2.3609e+00 1.4532e+00  
1437 0.0000e+00 0.0000e+00 0.0000e+00 -8.5461e+01 -1.5769e+01 5.0980e-01  
1426 0.0000e+00 0.0000e+00 0.0000e+00 -6.0986e+01 -1.1721e+01 1.0179e+00

1183 1424 0.0000e+00 0.0000e+00 0.0000e+00 -5.8028e+01 7.1995e+00 -6.7656e-01  
1435 0.0000e+00 0.0000e+00 0.0000e+00 -6.4463e+01 8.7725e+00 -9.4080e+00  
1436 0.0000e+00 0.0000e+00 0.0000e+00 -7.7557e+01 9.5813e+00 -3.3519e+00  
1425 0.0000e+00 0.0000e+00 0.0000e+00 -6.2626e+01 -8.0058e-01 5.3795e+00

1184 1423 0.0000e+00 0.0000e+00 0.0000e+00 -4.8292e+01 5.0720e+00 -2.8686e+00  
1434 0.0000e+00 0.0000e+00 0.0000e+00 -5.0315e+01 5.5596e+00 -1.1015e+01  
1435 0.0000e+00 0.0000e+00 0.0000e+00 -6.1393e+01 6.6188e+00 -9.3360e+00  
1424 0.0000e+00 0.0000e+00 0.0000e+00 -5.3722e+01 3.7913e+00 -1.1893e+00

1185 1422 0.0000e+00 0.0000e+00 0.0000e+00 -4.0959e+01 1.7292e+00 -3.6076e+00  
1433 0.0000e+00 0.0000e+00 0.0000e+00 -4.1858e+01 1.2919e+00 -8.7161e+00  
1434 0.0000e+00 0.0000e+00 0.0000e+00 -4.7987e+01 2.0844e+00 -9.0614e+00  
1423 0.0000e+00 0.0000e+00 0.0000e+00 -4.5182e+01 2.3287e+00 -3.9529e+00

1186 1421 0.0000e+00 0.0000e+00 0.0000e+00 -3.7144e+01 -6.8556e-01 -3.3722e+00  
1432 0.0000e+00 0.0000e+00 0.0000e+00 -3.7886e+01 -1.5342e+00 -5.7473e+00  
1433 0.0000e+00 0.0000e+00 0.0000e+00 -4.0582e+01 -1.1323e+00 -6.7946e+00  
1422 0.0000e+00 0.0000e+00 0.0000e+00 -3.9260e+01 8.6358e-02 -4.4194e+00

1187 1420 0.0000e+00 0.0000e+00 0.0000e+00 -3.6437e+01 -1.8282e+00 -2.7275e+00  
1431 0.0000e+00 0.0000e+00 0.0000e+00 -3.7716e+01 -2.7129e+00 -2.7185e+00  
1432 0.0000e+00 0.0000e+00 0.0000e+00 -3.7556e+01 -2.7294e+00 -3.9111e+00  
1421 0.0000e+00 0.0000e+00 0.0000e+00 -3.6579e+01 -1.2598e+00 -3.9202e+00

1188 1419 0.0000e+00 0.0000e+00 0.0000e+00 -3.8592e+01 -1.9659e+00 -2.3224e+00  
1430 0.0000e+00 0.0000e+00 0.0000e+00 -4.1315e+01 -2.3452e+00 1.8966e-02  
1431 0.0000e+00 0.0000e+00 0.0000e+00 -3.8269e+01 -2.7822e+00 -8.6718e-01  
1420 0.0000e+00 0.0000e+00 0.0000e+00 -3.6893e+01 -1.4123e+00 -3.2086e+00

1189 1418 0.0000e+00 0.0000e+00 0.0000e+00 -4.2894e+01 -2.1095e+00 -2.9875e+00  
1429 0.0000e+00 0.0000e+00 0.0000e+00 -4.9377e+01 -6.9578e-01 1.6656e+00  
1430 0.0000e+00 0.0000e+00 0.0000e+00 -4.2757e+01 -1.6013e+00 1.8928e+00  
1419 0.0000e+00 0.0000e+00 0.0000e+00 -4.0085e+01 -6.3598e-01 -2.7603e+00

1190 1417 0.0000e+00 0.0000e+00 0.0000e+00 -4.7932e+01 -4.9644e+00 -5.2608e+00  
1428 0.0000e+00 0.0000e+00 0.0000e+00 -5.9100e+01 6.6427e-01 -8.1731e-02  
1429 0.0000e+00 0.0000e+00 0.0000e+00 -5.1481e+01 -9.5797e-01 2.3734e+00  
1418 0.0000e+00 0.0000e+00 0.0000e+00 -4.5057e+01 -1.7576e-01 -2.8057e+00

1191 1416 0.0000e+00 0.0000e+00 0.0000e+00 -4.7145e+01 -9.0032e+00 3.6790e-02  
1427 0.0000e+00 0.0000e+00 0.0000e+00 -6.5658e+01 -1.2028e+01 1.3570e+00  
1428 0.0000e+00 0.0000e+00 0.0000e+00 -6.3935e+01 -9.2350e+00 -1.2887e+00  
1417 0.0000e+00 0.0000e+00 0.0000e+00 -4.6193e+01 -7.0369e+00 -2.6089e+00

1192 1414 0.0000e+00 0.0000e+00 0.0000e+00 -3.9092e+01 -7.8578e-01 3.8044e+00  
1425 0.0000e+00 0.0000e+00 0.0000e+00 -5.6911e+01 -2.5587e+00 3.9994e+00

	1426	0.0000e+00	0.0000e+00	0.0000e+00	-5.5793e+01	-7.7317e+00	5.0155e-01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-3.9814e+01	-2.5998e+00	3.0649e-01
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	-3.8207e+01	1.9515e+00	4.9986e+00
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-5.1933e+01	4.5466e+00	2.8130e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-5.4005e+01	1.1271e+00	4.5477e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-4.0564e+01	2.9774e-01	6.7334e+00
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	-3.5206e+01	1.6163e+00	2.6099e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-4.4299e+01	3.5849e+00	-1.2819e+00
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-4.9707e+01	4.9067e+00	1.7680e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-3.7684e+01	8.5473e-01	5.6598e+00
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	-3.2056e+01	2.8036e-02	-1.1690e-01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-3.8546e+01	1.2010e+00	-3.1502e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-4.2769e+01	3.0650e+00	-9.5825e-01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-3.3980e+01	-8.9067e-02	2.0751e+00
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	-2.9941e+01	-1.3858e+00	-1.9885e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	-3.5457e+01	-5.8404e-01	-3.6693e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-3.7692e+01	5.9596e-01	-2.3572e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-3.1112e+01	-1.1923e+00	-6.7652e-01
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	-2.8994e+01	-2.3217e+00	-3.3327e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	-3.4843e+01	-1.3091e+00	-3.7299e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	-3.5137e+01	-9.9400e-01	-2.7491e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	-2.9506e+01	-1.9175e+00	-2.3519e+00
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	-2.9210e+01	-2.7264e+00	-4.7927e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	-3.6460e+01	-1.1034e+00	-3.9917e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	-3.5012e+01	-1.5102e+00	-2.8222e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	-2.9036e+01	-2.1958e+00	-3.6232e+00
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	-3.0346e+01	-2.6565e+00	-6.2975e+00
	1418	0.0000e+00	0.0000e+00	0.0000e+00	-3.9711e+01	-8.3328e-01	-4.6429e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	-3.7188e+01	-1.2312e+00	-3.2831e+00
	1408	0.0000e+00	0.0000e+00	0.0000e+00	-2.9516e+01	-2.0922e+00	-4.9378e+00
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	-3.1536e+01	-2.3908e+00	-5.7387e+00
	1417	0.0000e+00	0.0000e+00	0.0000e+00	-4.1893e+01	-3.0455e+00	-4.6866e+00
	1418	0.0000e+00	0.0000e+00	0.0000e+00	-4.1000e+01	-1.1888e+00	-4.5580e+00
	1407	0.0000e+00	0.0000e+00	0.0000e+00	-3.0297e+01	-2.0974e+00	-5.6101e+00
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	-3.1296e+01	-2.0111e+00	-5.9135e-01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-4.3807e+01	-5.7132e+00	-1.3505e-01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	-4.3629e+01	-4.8522e+00	-3.1808e+00
	1406	0.0000e+00	0.0000e+00	0.0000e+00	-3.0550e+01	-2.5418e+00	-3.6371e+00
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	-1.8538e+01	5.3217e+00	5.3819e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-3.5907e+01	2.3850e+00	4.6570e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-3.5673e+01	9.6237e-01	-1.8427e-02
	1404	0.0000e+00	0.0000e+00	0.0000e+00	-2.0242e+01	7.2550e+00	7.0655e-01
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	-1.7817e+01	-2.1381e-01	7.4908e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-3.3175e+01	2.0303e+00	6.1195e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-3.3551e+01	2.0872e+00	6.7534e+00
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-2.0220e+01	3.0800e+00	8.1247e+00
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	-1.8838e+01	-2.4086e+00	3.9594e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-3.0085e+01	3.8342e-01	3.2348e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-3.1708e+01	1.8063e+00	6.5023e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-1.8684e+01	-1.8517e+00	7.2268e+00
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	-1.9768e+01	-2.8635e+00	5.7126e-01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-2.7979e+01	-9.1293e-01	1.5332e-01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-2.9639e+01	4.8329e-01	3.1004e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-1.8955e+01	-3.3838e+00	3.5184e+00
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	-1.9738e+01	-3.1353e+00	-1.4372e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	-2.6720e+01	-1.6871e+00	-1.9238e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-2.7870e+01	-8.6339e-01	9.2820e-02
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-1.9574e+01	-3.3960e+00	5.7939e-01
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	-1.8755e+01	-3.7619e+00	-2.8230e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	-2.5978e+01	-2.1101e+00	-3.4700e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	-2.6568e+01	-1.8889e+00	-1.8368e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	-1.9475e+01	-3.4611e+00	-1.1898e+00
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	-1.7126e+01	-4.4221e+00	-4.4659e+00

1408 0.0000e+00 0.0000e+00 0.0000e+00 -2.5685e+01 -2.1383e+00 -5.1563e+00  
1409 0.0000e+00 0.0000e+00 0.0000e+00 -2.5761e+01 -2.5394e+00 -3.3131e+00  
1398 0.0000e+00 0.0000e+00 0.0000e+00 -1.8449e+01 -3.8939e+00 -2.6228e+00

1209 1396 0.0000e+00 0.0000e+00 0.0000e+00 -1.5833e+01 -3.6973e+00 -6.3942e+00  
1407 0.0000e+00 0.0000e+00 0.0000e+00 -2.5876e+01 -1.6748e+00 -6.7039e+00  
1408 0.0000e+00 0.0000e+00 0.0000e+00 -2.5684e+01 -2.5453e+00 -4.8744e+00  
1397 0.0000e+00 0.0000e+00 0.0000e+00 -1.6653e+01 -4.1343e+00 -4.5647e+00

1210 1395 0.0000e+00 0.0000e+00 0.0000e+00 -1.6256e+01 2.6857e-01 -6.4987e+00  
1406 0.0000e+00 0.0000e+00 0.0000e+00 -2.6565e+01 -7.7820e-01 -5.8866e+00  
1407 0.0000e+00 0.0000e+00 0.0000e+00 -2.6606e+01 -1.5822e+00 -5.8747e+00  
1396 0.0000e+00 0.0000e+00 0.0000e+00 -1.4975e+01 -2.6524e+00 -6.4868e+00

1211 1394 0.0000e+00 0.0000e+00 0.0000e+00 -1.6303e+01 4.8811e+00 -1.3158e+00  
1405 0.0000e+00 0.0000e+00 0.0000e+00 -2.8219e+01 7.2399e-01 -5.7524e-01  
1406 0.0000e+00 0.0000e+00 0.0000e+00 -2.7957e+01 -1.0963e-01 -3.8902e+00  
1395 0.0000e+00 0.0000e+00 0.0000e+00 -1.5064e+01 2.2770e+00 -4.6308e+00

1212 1392 0.0000e+00 0.0000e+00 0.0000e+00 6.7373e+00 1.2379e+01 8.2768e+00  
1403 0.0000e+00 0.0000e+00 0.0000e+00 -1.5768e+01 9.2184e+00 6.1924e+00  
1404 0.0000e+00 0.0000e+00 0.0000e+00 -1.6259e+01 1.1596e+01 1.0071e-02  
1393 0.0000e+00 0.0000e+00 0.0000e+00 3.0039e+00 2.0640e+01 2.0945e+00

1213 1391 0.0000e+00 0.0000e+00 0.0000e+00 3.5954e+00 -5.2252e+00 6.7004e+00  
1402 0.0000e+00 0.0000e+00 0.0000e+00 -1.2064e+01 -5.1733e-01 6.3057e+00  
1403 0.0000e+00 0.0000e+00 0.0000e+00 -1.2109e+01 4.9246e+00 9.2664e+00  
1392 0.0000e+00 0.0000e+00 0.0000e+00 2.8405e+00 3.7878e+00 9.6612e+00

1214 1390 0.0000e+00 0.0000e+00 0.0000e+00 -4.0775e+00 -6.1753e+00 -3.2280e-02  
1401 0.0000e+00 0.0000e+00 0.0000e+00 -1.3235e+01 -4.0092e+00 3.3011e+00  
1402 0.0000e+00 0.0000e+00 0.0000e+00 -1.2315e+01 -8.1784e-01 7.3097e+00  
1391 0.0000e+00 0.0000e+00 0.0000e+00 1.7564e+00 -6.5649e+00 3.9763e+00

1215 1389 0.0000e+00 0.0000e+00 0.0000e+00 -9.1076e+00 -4.8036e+00 -1.8301e+00  
1400 0.0000e+00 0.0000e+00 0.0000e+00 -1.5595e+01 -3.8393e+00 5.7726e-01  
1401 0.0000e+00 0.0000e+00 0.0000e+00 -1.4550e+01 -2.7494e+00 2.7631e+00  
1390 0.0000e+00 0.0000e+00 0.0000e+00 -5.2745e+00 -6.1001e+00 3.5579e-01

1216 1388 0.0000e+00 0.0000e+00 0.0000e+00 -1.0960e+01 -3.8818e+00 -1.7582e+00  
1399 0.0000e+00 0.0000e+00 0.0000e+00 -1.6547e+01 -3.3815e+00 -1.0104e+00  
1400 0.0000e+00 0.0000e+00 0.0000e+00 -1.6373e+01 -2.9849e+00 -3.0541e-03  
1389 0.0000e+00 0.0000e+00 0.0000e+00 -9.6186e+00 -4.4731e+00 -7.5089e-01

1217 1387 0.0000e+00 0.0000e+00 0.0000e+00 -9.9833e+00 -4.2798e+00 -1.2509e+00  
1398 0.0000e+00 0.0000e+00 0.0000e+00 -1.5817e+01 -3.5232e+00 -2.0833e+00  
1399 0.0000e+00 0.0000e+00 0.0000e+00 -1.6577e+01 -3.3422e+00 -1.3867e+00  
1388 0.0000e+00 0.0000e+00 0.0000e+00 -1.0910e+01 -3.9607e+00 -5.5432e-01

1218 1386 0.0000e+00 0.0000e+00 0.0000e+00 -6.3638e+00 -5.7559e+00 -1.3684e+00  
1397 0.0000e+00 0.0000e+00 0.0000e+00 -1.3649e+01 -3.8617e+00 -3.6207e+00  
1398 0.0000e+00 0.0000e+00 0.0000e+00 -1.5144e+01 -4.2440e+00 -2.3962e+00  
1387 0.0000e+00 0.0000e+00 0.0000e+00 -9.4332e+00 -4.7669e+00 -1.4398e-01

1219 1385 0.0000e+00 0.0000e+00 0.0000e+00 -5.8466e-01 -6.5280e+00 -3.2748e+00  
1396 0.0000e+00 0.0000e+00 0.0000e+00 -1.1158e+01 -2.7861e+00 -6.2568e+00  
1397 0.0000e+00 0.0000e+00 0.0000e+00 -1.2464e+01 -4.9428e+00 -3.7733e+00  
1386 0.0000e+00 0.0000e+00 0.0000e+00 -5.3212e+00 -6.1033e+00 -7.9129e-01

1220 1384 0.0000e+00 0.0000e+00 0.0000e+00 9.0890e-01 7.1456e-01 -7.1564e+00  
1395 0.0000e+00 0.0000e+00 0.0000e+00 -1.0373e+01 1.7179e+00 -7.3230e+00  
1396 0.0000e+00 0.0000e+00 0.0000e+00 -1.0640e+01 -2.6775e+00 -5.2664e+00  
1385 0.0000e+00 0.0000e+00 0.0000e+00 8.3790e-01 -5.7340e+00 -5.0998e+00

1221 1383 0.0000e+00 0.0000e+00 0.0000e+00 1.0217e+00 1.4058e+01 -2.3655e+00  
1394 0.0000e+00 0.0000e+00 0.0000e+00 -1.3118e+01 7.9781e+00 -8.2929e-01  
1395 0.0000e+00 0.0000e+00 0.0000e+00 -1.2705e+01 5.0326e+00 -4.9307e+00  
1384 0.0000e+00 0.0000e+00 0.0000e+00 3.7214e+00 7.0488e+00 -6.4669e+00

1222 1381 0.0000e+00 0.0000e+00 0.0000e+00 4.9356e+01 1.8110e+01 1.0169e+01  
1392 0.0000e+00 0.0000e+00 0.0000e+00 9.5839e+00 1.6734e+01 8.2756e+00  
1393 0.0000e+00 0.0000e+00 0.0000e+00 8.2039e+00 2.7878e+01 1.0749e+00  
1382 0.0000e+00 0.0000e+00 0.0000e+00 4.6900e+01 4.0716e+01 2.9681e+00

1223 1380 0.0000e+00 0.0000e+00 0.0000e+00 1.8113e+01 -1.0707e+01 -9.0306e+00  
1391 0.0000e+00 0.0000e+00 0.0000e+00 1.2283e+01 -1.0591e+01 2.0646e+00  
1392 0.0000e+00 0.0000e+00 0.0000e+00 1.7419e+01 6.0042e+00 1.3549e+01  
1381 0.0000e+00 0.0000e+00 0.0000e+00 3.5459e+01 -1.6551e+01 2.4540e+00

1224 1379 0.0000e+00 0.0000e+00 0.0000e+00 2.7265e+00 -7.4353e+00 -1.0295e+01  
1390 0.0000e+00 0.0000e+00 0.0000e+00 6.1210e-01 -7.9935e+00 -1.3275e+00  
1391 0.0000e+00 0.0000e+00 0.0000e+00 5.9542e+00 -5.3824e+00 5.5078e-01  
1380 0.0000e+00 0.0000e+00 0.0000e+00 1.5556e+01 -9.6482e+00 -8.4172e+00

1225 1378 0.0000e+00 0.0000e+00 0.0000e+00 -4.4144e+00 -3.7219e+00 -6.2460e+00  
1389 0.0000e+00 0.0000e+00 0.0000e+00 -6.6349e+00 -5.0793e+00 -1.8553e+00  
1390 0.0000e+00 0.0000e+00 0.0000e+00 -2.6339e+00 -5.2875e+00 -2.7343e+00  
1379 0.0000e+00 0.0000e+00 0.0000e+00 4.8157e-01 -4.9097e+00 -7.1250e+00

1226 1377 0.0000e+00 0.0000e+00 0.0000e+00 -6.9068e+00 -2.0175e+00 -2.4550e+00  
1388 0.0000e+00 0.0000e+00 0.0000e+00 -9.2599e+00 -3.5202e+00 -1.0621e+00  
1389 0.0000e+00 0.0000e+00 0.0000e+00 -7.9324e+00 -3.7791e+00 -2.5107e+00  
1378 0.0000e+00 0.0000e+00 0.0000e+00 -5.4121e+00 -2.4224e+00 -3.9035e+00

1227 1376 0.0000e+00 0.0000e+00 0.0000e+00 -6.1626e+00 -2.1686e+00 1.0726e+00  
1387 0.0000e+00 0.0000e+00 0.0000e+00 -8.4629e+00 -3.6942e+00 2.0639e-01  
1388 0.0000e+00 0.0000e+00 0.0000e+00 -9.3775e+00 -3.3855e+00 -1.3169e+00  
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1386 0.0000e+00 0.0000e+00 0.0000e+00 -4.3879e+00 -5.0358e+00 1.0573e+00  
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1376 0.0000e+00 0.0000e+00 0.0000e+00 -5.4598e+00 -3.1543e+00 3.1586e+00

1229 1374 0.0000e+00 0.0000e+00 0.0000e+00 9.0890e+00 -7.9900e+00 6.2060e+00  
1385 0.0000e+00 0.0000e+00 0.0000e+00 2.3550e+00 -5.5612e+00 -5.3915e-01  
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1375 0.0000e+00 0.0000e+00 0.0000e+00 -2.8182e-01 -6.1560e+00 6.9714e+00

1230 1373 0.0000e+00 0.0000e+00 0.0000e+00 2.4492e+01 -1.3946e+01 -1.0641e+00  
1384 0.0000e+00 0.0000e+00 0.0000e+00 1.1237e+01 2.3472e+00 -9.7233e+00  
1385 0.0000e+00 0.0000e+00 0.0000e+00 7.2700e+00 -9.5296e+00 -1.5802e+00  
1374 0.0000e+00 0.0000e+00 0.0000e+00 1.0913e+01 -9.3109e+00 7.0790e+00

1231 1372 0.0000e+00 0.0000e+00 0.0000e+00 3.2218e+01 2.8250e+01 -3.2492e+00  
1383 0.0000e+00 0.0000e+00 0.0000e+00 5.1227e+00 1.8992e+01 -1.7001e+00  
1384 0.0000e+00 0.0000e+00 0.0000e+00 6.3868e+00 9.8591e+00 -5.9115e+00  
1373 0.0000e+00 0.0000e+00 0.0000e+00 3.4093e+01 8.9143e+00 -7.4606e+00

1232 674 0.0000e+00 0.0000e+00 0.0000e+00 2.7117e+01 -7.1010e+01 -1.0932e+02  
1381 0.0000e+00 0.0000e+00 0.0000e+00 1.0781e+02 -6.2987e+00 -1.3499e+01  
1382 0.0000e+00 0.0000e+00 0.0000e+00 -4.6286e+00 7.0847e+01 2.1431e+01  
21 0.0000e+00 0.0000e+00 0.0000e+00 3.3372e+02 6.6606e+01 -7.4390e+01

1233 673 0.0000e+00 0.0000e+00 0.0000e+00 3.8457e+00 -8.6521e+00 -3.3489e+01  
1380 0.0000e+00 0.0000e+00 0.0000e+00 2.1769e+01 -1.9256e+01 -9.9442e+00  
1381 0.0000e+00 0.0000e+00 0.0000e+00 7.0918e+01 -1.0126e+01 -2.4004e+01  
674 0.0000e+00 0.0000e+00 0.0000e+00 2.4061e+00 7.0248e+00 -4.7549e+01

1234 672 0.0000e+00 0.0000e+00 0.0000e+00 -5.2485e+00 -1.7654e+00 -1.7865e+01  
1379 0.0000e+00 0.0000e+00 0.0000e+00 1.5453e+00 -5.8571e+00 -1.0403e+01  
1380 0.0000e+00 0.0000e+00 0.0000e+00 1.3014e+01 -9.1025e+00 -1.8667e+01  
673 0.0000e+00 0.0000e+00 0.0000e+00 -1.5964e+00 3.1200e+00 -2.6130e+01

1235 671 0.0000e+00 0.0000e+00 0.0000e+00 -7.4861e+00 1.4870e+00 -8.5351e+00  
1378 0.0000e+00 0.0000e+00 0.0000e+00 -5.4885e+00 -2.0077e+00 -6.0176e+00  
1379 0.0000e+00 0.0000e+00 0.0000e+00 -5.6887e-01 -4.2641e+00 -1.1320e+01  
672 0.0000e+00 0.0000e+00 0.0000e+00 -7.3046e+00 2.7086e+00 -1.3838e+01

1236 670 0.0000e+00 0.0000e+00 0.0000e+00 -8.1115e+00 2.5382e+00 -2.5006e+00  
1377 0.0000e+00 0.0000e+00 0.0000e+00 -7.4648e+00 -6.6397e-01 -1.8317e+00  
1378 0.0000e+00 0.0000e+00 0.0000e+00 -6.0639e+00 -1.4957e+00 -5.6845e+00  
671 0.0000e+00 0.0000e+00 0.0000e+00 -8.1569e+00 2.9076e+00 -6.3534e+00

1237 669 0.0000e+00 0.0000e+00 0.0000e+00 -8.0807e+00 2.6366e+00 2.8502e+00  
1376 0.0000e+00 0.0000e+00 0.0000e+00 -6.7276e+00 -1.1860e+00 2.4199e+00  
1377 0.0000e+00 0.0000e+00 0.0000e+00 -7.4892e+00 -6.4923e-01 -1.1933e+00  
670 0.0000e+00 0.0000e+00 0.0000e+00 -8.1910e+00 2.6607e+00 -7.6299e-01

1238 668 0.0000e+00 0.0000e+00 0.0000e+00 -7.5037e+00 2.1638e+00 9.1847e+00  
1375 0.0000e+00 0.0000e+00 0.0000e+00 -2.8228e+00 -3.4398e+00 7.3831e+00  
1376 0.0000e+00 0.0000e+00 0.0000e+00 -6.3086e+00 -1.5859e+00 2.9184e+00  
669 0.0000e+00 0.0000e+00 0.0000e+00 -7.6685e+00 1.6239e+00 4.7200e+00

1239 667 0.0000e+00 0.0000e+00 0.0000e+00 -3.7451e+00 1.8096e+00 1.8758e+01  
1374 0.0000e+00 0.0000e+00 0.0000e+00 6.8434e+00 -7.5436e+00 1.3537e+01  
1375 0.0000e+00 0.0000e+00 0.0000e+00 -1.3372e+00 -4.6052e+00 7.0278e+00

	668	0.0000e+00	0.0000e+00	0.0000e+00	-6.1436e+00	-1.1096e+00	1.2249e+01
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	-1.5750e+00	2.9538e+00	3.4660e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	4.7862e+01	-9.8502e+00	1.8156e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	1.2986e+01	-1.4744e+01	7.6114e+00
	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.4164e-01	-6.7327e+00	2.4116e+01
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	2.3199e+02	3.2791e+01	5.0881e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.1639e+00	4.8490e+01	-1.8688e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	7.5240e+01	-9.7251e+00	9.8179e+00
	666	0.0000e+00	0.0000e+00	0.0000e+00	1.4615e+01	-5.0298e+01	7.9387e+01
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	-5.9303e+01	1.0285e+01	-9.8186e+00
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-4.5592e+01	1.3087e+01	-3.5095e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	-1.1097e+02	1.1733e+01	-2.2524e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-4.5143e+01	-1.0280e+01	2.7521e+00
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	-3.5810e+01	1.0417e+01	-1.0933e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-2.8624e+01	4.4198e-02	-2.2983e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-3.7785e+01	1.4245e+01	-2.4564e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-5.1065e+01	6.9945e+00	-1.2514e+01
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	-2.5126e+01	4.6658e+00	-1.1261e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-2.0411e+01	-3.6029e+00	-1.7463e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-2.4625e+01	9.2048e+00	-1.9861e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-3.3479e+01	5.6700e+00	-1.3659e+01
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	-1.9585e+01	1.0392e+00	-9.9302e+00
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-1.6033e+01	-5.3794e+00	-1.3451e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-1.8061e+01	4.3648e+00	-1.5640e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-2.4693e+01	2.2661e+00	-1.2119e+01
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	-1.6667e+01	-1.3276e+00	-8.2769e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-1.3828e+01	-6.1995e+00	-1.0165e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-1.4672e+01	6.1139e-01	-1.2127e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-1.9647e+01	-3.8651e-01	-1.0239e+01
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	-1.5529e+01	-2.7476e+00	-6.5305e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-1.3210e+01	-6.4625e+00	-7.1939e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-1.3163e+01	-2.0213e+00	-9.0332e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-1.6920e+01	-2.1054e+00	-8.3698e+00
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	-1.5958e+01	-3.4682e+00	-4.7338e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-1.4087e+01	-6.4345e+00	-4.2590e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-1.3128e+01	-3.6287e+00	-6.0799e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	-1.5955e+01	-3.0006e+00	-6.5547e+00
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	-1.8187e+01	-3.7730e+00	-2.9521e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-1.6903e+01	-6.4290e+00	-1.0908e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-1.4610e+01	-4.2419e+00	-2.9686e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	-1.6708e+01	-3.1911e+00	-4.8299e+00
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	-2.3624e+01	-4.6822e+00	-1.7486e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-2.3064e+01	-7.2646e+00	2.5088e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-1.8242e+01	-3.5235e+00	7.3256e-01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	-1.9820e+01	-2.5996e+00	-3.5248e+00
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	-1.6660e+01	-8.7725e+00	-2.9913e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	-5.3531e+01	-1.3831e+01	5.3754e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-2.6088e+01	2.9246e+00	7.0002e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	-2.7149e+01	-5.3418e+00	-1.3665e+00
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	-3.6450e+01	1.0723e+00	-2.4487e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-4.7565e+01	3.5331e+00	-3.7127e+00
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-4.9223e+01	-4.9488e+00	-3.4985e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-3.7354e+01	-2.9107e+00	-2.2345e+00
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	-3.3294e+01	6.4320e+00	-4.5328e+00
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-3.5496e+01	7.8765e+00	-1.0224e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-4.3702e+01	8.1606e+00	-6.6764e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-3.6620e+01	2.6013e+00	-9.8489e-01
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	-2.6676e+01	4.3007e+00	-6.0381e+00
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-2.6908e+01	4.9139e+00	-1.1235e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-3.3660e+01	5.4880e+00	-1.0256e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-3.0456e+01	4.1675e+00	-5.0585e+00
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	-2.1471e+01	1.6614e+00	-6.5660e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-2.1385e+01	1.6748e+00	-1.0112e+01

1359 0.0000e+00 0.0000e+00 0.0000e+00 -2.5450e+01 2.1168e+00 -1.0278e+01  
1348 0.0000e+00 0.0000e+00 0.0000e+00 -2.4592e+01 2.4576e+00 -6.7319e+00

1256 1346 0.0000e+00 0.0000e+00 0.0000e+00 -1.8086e+01 -3.7125e-01 -6.4519e+00  
1357 0.0000e+00 0.0000e+00 0.0000e+00 -1.8113e+01 -6.4363e-01 -8.6229e+00  
1358 0.0000e+00 0.0000e+00 0.0000e+00 -2.0444e+01 -4.1582e-01 -9.1888e+00  
1347 0.0000e+00 0.0000e+00 0.0000e+00 -2.0155e+01 4.2893e-01 -7.0178e+00

1257 1345 0.0000e+00 0.0000e+00 0.0000e+00 -1.6151e+01 -1.6890e+00 -6.0000e+00  
1356 0.0000e+00 0.0000e+00 0.0000e+00 -1.6566e+01 -2.0534e+00 -7.0924e+00  
1357 0.0000e+00 0.0000e+00 0.0000e+00 -1.7604e+01 -2.0413e+00 -7.7721e+00  
1346 0.0000e+00 0.0000e+00 0.0000e+00 -1.7326e+01 -1.0641e+00 -6.6797e+00

1258 1344 0.0000e+00 0.0000e+00 0.0000e+00 -1.5385e+01 -2.4582e+00 -5.4801e+00  
1355 0.0000e+00 0.0000e+00 0.0000e+00 -1.6506e+01 -2.7127e+00 -5.6525e+00  
1356 0.0000e+00 0.0000e+00 0.0000e+00 -1.6423e+01 -2.9078e+00 -6.2710e+00  
1345 0.0000e+00 0.0000e+00 0.0000e+00 -1.5818e+01 -1.9414e+00 -6.0986e+00

1259 1343 0.0000e+00 0.0000e+00 0.0000e+00 -1.5414e+01 -2.9963e+00 -5.1205e+00  
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1355 0.0000e+00 0.0000e+00 0.0000e+00 -1.6700e+01 -3.2425e+00 -4.8430e+00  
1344 0.0000e+00 0.0000e+00 0.0000e+00 -1.5404e+01 -2.3535e+00 -5.4654e+00

1260 1342 0.0000e+00 0.0000e+00 0.0000e+00 -1.5784e+01 -3.8551e+00 -4.8880e+00  
1353 0.0000e+00 0.0000e+00 0.0000e+00 -1.9753e+01 -2.6658e+00 -4.1111e+00  
1354 0.0000e+00 0.0000e+00 0.0000e+00 -1.8395e+01 -3.6858e+00 -4.0281e+00  
1343 0.0000e+00 0.0000e+00 0.0000e+00 -1.5569e+01 -2.6603e+00 -4.8050e+00

1261 1341 0.0000e+00 0.0000e+00 0.0000e+00 -1.4638e+01 -3.8956e+00 -2.1862e+00  
1352 0.0000e+00 0.0000e+00 0.0000e+00 -2.1276e+01 -4.9946e+00 -2.1215e+00  
1353 0.0000e+00 0.0000e+00 0.0000e+00 -2.1048e+01 -6.6355e+00 -3.7609e+00  
1342 0.0000e+00 0.0000e+00 0.0000e+00 -1.4734e+01 -4.4984e+00 -3.8256e+00

1262 1339 0.0000e+00 0.0000e+00 0.0000e+00 -2.4649e+01 2.0365e+00 -1.7867e-01  
1350 0.0000e+00 0.0000e+00 0.0000e+00 -3.4088e+01 1.6481e+00 -8.6785e-01  
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1340 0.0000e+00 0.0000e+00 0.0000e+00 -2.5732e+01 8.4257e-01 -1.3185e+00

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1349 0.0000e+00 0.0000e+00 0.0000e+00 -3.0039e+01 4.7590e+00 -2.3160e+00  
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1338 0.0000e+00 0.0000e+00 0.0000e+00 -2.2372e+01 2.1238e+00 -3.8017e-02

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1347 0.0000e+00 0.0000e+00 0.0000e+00 -2.0327e+01 1.3456e+00 -5.9509e+00  
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1337 0.0000e+00 0.0000e+00 0.0000e+00 -1.9185e+01 9.7704e-01 -2.2357e+00

1266 1335 0.0000e+00 0.0000e+00 0.0000e+00 -1.4935e+01 -5.6211e-01 -4.3332e+00  
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1346 0.0000e+00 0.0000e+00 0.0000e+00 -1.6815e+01 -8.7926e-01 -5.7030e+00  
1335 0.0000e+00 0.0000e+00 0.0000e+00 -1.4302e+01 -1.2386e+00 -4.4739e+00

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1332 0.0000e+00 0.0000e+00 0.0000e+00 -1.0591e+01 -2.4939e+00 -4.5609e+00

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1319 0.0000e+00 0.0000e+00 0.0000e+00 -3.9860e+00 2.3597e+00 -1.5764e+00  
1320 0.0000e+00 0.0000e+00 0.0000e+00 -4.0738e+00 8.3906e-01 -2.9122e+00  
1309 0.0000e+00 0.0000e+00 0.0000e+00 1.2685e+00 1.4646e+00 -3.2893e+00

1292 1306 0.0000e+00 0.0000e+00 0.0000e+00 2.4162e+01 1.1311e+01 4.0982e+00  
1317 0.0000e+00 0.0000e+00 0.0000e+00 2.7817e+00 1.0084e+01 3.3199e+00  
1318 0.0000e+00 0.0000e+00 0.0000e+00 2.3067e+00 1.5554e+01 -6.9308e-01  
1307 0.0000e+00 0.0000e+00 0.0000e+00 2.3060e+01 2.2248e+01 8.5241e-02

1293 1305 0.0000e+00 0.0000e+00 0.0000e+00 8.2239e+00 -4.4178e+00 -5.4829e+00  
1316 0.0000e+00 0.0000e+00 0.0000e+00 4.5812e+00 -4.2815e+00 -2.0665e-02  
1317 0.0000e+00 0.0000e+00 0.0000e+00 7.0467e+00 4.4616e+00 5.9663e+00  
1306 0.0000e+00 0.0000e+00 0.0000e+00 1.6827e+01 -7.2206e+00 5.0400e-01

1294 1304 0.0000e+00 0.0000e+00 0.0000e+00 5.2224e-01 -3.1474e+00 -6.3100e+00  
1315 0.0000e+00 0.0000e+00 0.0000e+00 -9.3074e-01 -3.3198e+00 -1.9614e+00  
1316 0.0000e+00 0.0000e+00 0.0000e+00 1.4608e+00 -1.7100e+00 -8.3205e-01  
1305 0.0000e+00 0.0000e+00 0.0000e+00 6.9424e+00 -4.1118e+00 -5.1807e+00

1295 1303 0.0000e+00 0.0000e+00 0.0000e+00 -2.8501e+00 -1.5292e+00 -4.3737e+00  
1314 0.0000e+00 0.0000e+00 0.0000e+00 -4.1841e+00 -2.1390e+00 -2.4039e+00  
1315 0.0000e+00 0.0000e+00 0.0000e+00 -2.4877e+00 -2.0306e+00 -2.7201e+00  
1304 0.0000e+00 0.0000e+00 0.0000e+00 -5.5520e-01 -2.0162e+00 -4.6898e+00

1296 1302 0.0000e+00 0.0000e+00 0.0000e+00 -3.8658e+00 -8.4061e-01 -2.5831e+00  
1313 0.0000e+00 0.0000e+00 0.0000e+00 -5.1316e+00 -1.5475e+00 -2.1028e+00  
1314 0.0000e+00 0.0000e+00 0.0000e+00 -4.7454e+00 -1.5445e+00 -2.7430e+00  
1303 0.0000e+00 0.0000e+00 0.0000e+00 -3.2787e+00 -9.8758e-01 -3.2233e+00

1297 1301 0.0000e+00 0.0000e+00 0.0000e+00 -3.4257e+00 -9.5234e-01 -9.5974e-01  
1312 0.0000e+00 0.0000e+00 0.0000e+00 -4.5351e+00 -1.7014e+00 -1.4698e+00  
1313 0.0000e+00 0.0000e+00 0.0000e+00 -5.1277e+00 -1.4878e+00 -2.1800e+00  
1302 0.0000e+00 0.0000e+00 0.0000e+00 -3.8667e+00 -8.3512e-01 -1.6698e+00

1298 1300 0.0000e+00 0.0000e+00 0.0000e+00 -1.6775e+00 -1.7624e+00 5.2425e-01  
1311 0.0000e+00 0.0000e+00 0.0000e+00 -2.6757e+00 -2.3292e+00 -8.8715e-01  
1312 0.0000e+00 0.0000e+00 0.0000e+00 -4.1073e+00 -2.0537e+00 -1.5100e+00  
1301 0.0000e+00 0.0000e+00 0.0000e+00 -3.1058e+00 -1.3909e+00 -9.8614e-02

1299 1299 0.0000e+00 0.0000e+00 0.0000e+00 2.3413e+00 -3.2795e+00 1.4641e+00  
1310 0.0000e+00 0.0000e+00 0.0000e+00 1.4601e-01 -2.6983e+00 -1.1178e+00  
1311 0.0000e+00 0.0000e+00 0.0000e+00 -1.7027e+00 -3.0838e+00 -1.0712e+00  
1300 0.0000e+00 0.0000e+00 0.0000e+00 -1.0417e+00 -2.5946e+00 1.5107e+00

1300 1298 0.0000e+00 0.0000e+00 0.0000e+00 8.1882e+00 -5.5988e+00 -8.1966e-01  
1309 0.0000e+00 0.0000e+00 0.0000e+00 3.5398e+00 -1.1101e-01 -4.1239e+00  
1310 0.0000e+00 0.0000e+00 0.0000e+00 2.0148e+00 -4.1005e+00 -1.4135e+00  
1299 0.0000e+00 0.0000e+00 0.0000e+00 3.0177e+00 -3.9632e+00 1.8908e+00

1301 1297 0.0000e+00 0.0000e+00 0.0000e+00 1.0127e+01 8.9525e+00 -2.4940e+00  
1308 0.0000e+00 0.0000e+00 0.0000e+00 1.9224e+00 5.8245e+00 -1.7829e+00  
1309 0.0000e+00 0.0000e+00 0.0000e+00 2.2740e+00 2.3347e+00 -2.7822e+00  
1298 0.0000e+00 0.0000e+00 0.0000e+00 1.1217e+01 1.1793e+00 -3.4933e+00

1302 557 0.0000e+00 0.0000e+00 0.0000e+00 1.3933e+01 -3.5925e+01 -5.7473e+01  
1306 0.0000e+00 0.0000e+00 0.0000e+00 5.4752e+01 -8.9608e-01 -8.0230e+00  
1307 0.0000e+00 0.0000e+00 0.0000e+00 -4.6337e+00 3.8302e+01 8.8664e+00

	19	0.0000e+00	0.0000e+00	0.0000e+00	1.7352e+02	3.9990e+01	-4.0584e+01
1303	556	0.0000e+00	0.0000e+00	0.0000e+00	1.5026e+00	-3.5013e+00	-1.8096e+01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	1.0388e+01	-8.9746e+00	-5.9024e+00
	1306	0.0000e+00	0.0000e+00	0.0000e+00	3.5911e+01	-3.6817e+00	-1.3211e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	6.8737e-01	5.2728e+00	-2.5405e+01
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	-3.1269e+00	-3.7721e-01	-1.0001e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	8.7508e-02	-2.4029e+00	-6.2784e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	5.8739e+00	-3.7763e+00	-1.0481e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	-1.3706e+00	2.4951e+00	-1.4204e+01
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	-4.0541e+00	9.5516e-01	-5.2820e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	-3.2818e+00	-7.0856e-01	-4.1834e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	-9.3840e-01	-1.6740e+00	-6.7975e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	-4.1715e+00	1.8226e+00	-7.8961e+00
1306	553	0.0000e+00	0.0000e+00	0.0000e+00	-4.0976e+00	1.2107e+00	-2.3982e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-4.0521e+00	-2.0464e-01	-2.2505e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	-3.4911e+00	-5.3442e-01	-4.0432e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-4.3592e+00	1.5890e+00	-4.1909e+00
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	-3.8274e+00	1.0384e+00	-6.5603e-02
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-3.5962e+00	-5.0372e-01	-3.9822e-01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-3.9848e+00	-2.6025e-01	-1.9370e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	-4.1128e+00	1.2351e+00	-1.6044e+00
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	-3.3937e+00	6.1635e-01	2.4133e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-2.0042e+00	-1.4674e+00	1.6151e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-3.3609e+00	-7.0717e-01	-1.1207e-01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-3.6544e+00	6.1863e-01	6.8608e-01
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	-2.0322e+00	1.4915e-01	5.8367e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	1.4815e+00	-3.1292e+00	3.9606e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-1.4265e+00	-1.9137e+00	1.6175e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-2.9258e+00	-5.6672e-01	3.4936e+00
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.1513e+00	-1.2831e-01	1.1214e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	1.5035e+01	-4.4641e+00	5.6861e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	3.5667e+00	-5.5089e+00	2.1201e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	-8.8386e-01	-2.8052e+00	7.6476e+00
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	7.3110e+01	4.9203e+00	1.5120e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	2.5991e+00	1.5331e+01	-8.3089e+00
	1298	0.0000e+00	0.0000e+00	0.0000e+00	2.4605e+01	-5.8024e+00	2.4359e+00
	549	0.0000e+00	0.0000e+00	0.0000e+00	3.6294e+00	-1.6602e+01	2.5865e+01
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.7149e+01	5.3418e+00	-1.3665e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	2.6088e+01	-2.9252e+00	7.0002e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	5.3531e+01	1.3832e+01	5.3754e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	1.6659e+01	8.7727e+00	-2.9914e+00
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.9819e+01	2.5994e+00	-3.5248e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	1.8242e+01	3.5229e+00	7.3256e-01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	2.3064e+01	7.2649e+00	2.5087e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.3624e+01	4.6822e+00	-1.7486e+00
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.6708e+01	3.1908e+00	-4.8298e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	1.4610e+01	4.2412e+00	-2.9686e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	1.6903e+01	6.4290e+00	-1.0908e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.8187e+01	3.7727e+00	-2.9521e+00
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.5954e+01	3.0002e+00	-6.5546e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	1.3128e+01	3.6282e+00	-6.0798e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	1.4087e+01	6.4342e+00	-4.2590e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.5957e+01	3.4678e+00	-4.7338e+00
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.6920e+01	2.1050e+00	-8.3697e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	1.3163e+01	2.0209e+00	-9.0331e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	1.3210e+01	6.4619e+00	-7.1939e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.5529e+01	2.7471e+00	-6.5304e+00
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.9647e+01	3.8615e-01	-1.0239e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	1.4673e+01	-6.1147e-01	-1.2127e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	1.3828e+01	6.1987e+00	-1.0165e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.6666e+01	1.3272e+00	-8.2768e+00
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	2.4693e+01	-2.2663e+00	-1.2119e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	1.8062e+01	-4.3644e+00	-1.5640e+01

	1291	0.0000e+00	0.0000e+00	0.0000e+00	1.6034e+01	5.3786e+00	-1.3451e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.9585e+01	-1.0395e+00	-9.9301e+00
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	3.3479e+01	-5.6699e+00	-1.3659e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	2.4625e+01	-9.2038e+00	-1.9861e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	2.0412e+01	3.6021e+00	-1.7463e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	2.5126e+01	-4.6658e+00	-1.1261e+01
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	5.1065e+01	-6.9939e+00	-1.2515e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	3.7786e+01	-1.4243e+01	-2.4564e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	2.8625e+01	-4.4908e-02	-2.2983e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	3.5810e+01	-1.0416e+01	-1.0933e+01
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	4.5142e+01	1.0281e+01	2.7516e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	1.1097e+02	-1.1730e+01	-2.2524e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	4.5593e+01	-1.3088e+01	-3.5095e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	5.9304e+01	-1.0284e+01	-9.8189e+00
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.4733e+01	4.4984e+00	-3.8256e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.1048e+01	6.6356e+00	-3.7609e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.1275e+01	4.9947e+00	-2.1215e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	1.4637e+01	3.8957e+00	-2.1862e+00
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	1.5568e+01	2.6601e+00	-4.8050e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.8394e+01	3.6856e+00	-4.0282e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	1.9753e+01	2.6656e+00	-4.1112e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.5784e+01	3.8550e+00	-4.8880e+00
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.5403e+01	2.3532e+00	-5.4654e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.6699e+01	3.2422e+00	-4.8430e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.7950e+01	2.7879e+00	-4.4981e+00
	1274	0.0000e+00	0.0000e+00	0.0000e+00	1.5413e+01	2.9961e+00	-5.1205e+00
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.5817e+01	1.9410e+00	-6.0985e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.6422e+01	2.9074e+00	-6.2709e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.6506e+01	2.7123e+00	-5.6524e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.5384e+01	2.4578e+00	-5.4801e+00
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.7325e+01	1.0637e+00	-6.6795e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.7604e+01	2.0408e+00	-7.7719e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.6566e+01	2.0529e+00	-7.0923e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.6150e+01	1.6886e+00	-5.9999e+00
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.0155e+01	-4.2925e-01	-7.0176e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.0443e+01	4.1541e-01	-9.1886e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.8113e+01	6.4322e-01	-8.6228e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.8086e+01	3.7086e-01	-6.4517e+00
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	2.4591e+01	-2.4577e+00	-6.7316e+00
	1280	0.0000e+00	0.0000e+00	0.0000e+00	2.5450e+01	-2.1170e+00	-1.0278e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.1385e+01	-1.6751e+00	-1.0112e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.1470e+01	-1.6617e+00	-6.5658e+00
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.0456e+01	-4.1674e+00	-5.0583e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	3.3660e+01	-5.4880e+00	-1.0256e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	2.6908e+01	-4.9139e+00	-1.1235e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	2.6675e+01	-4.3008e+00	-6.0378e+00
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	3.6620e+01	-2.6009e+00	-9.8478e-01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	4.3702e+01	-8.1602e+00	-6.6764e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	3.5496e+01	-7.8761e+00	-1.0224e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.3293e+01	-6.4318e+00	-4.5327e+00
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	3.7353e+01	2.9116e+00	-2.2347e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	4.9223e+01	4.9498e+00	-3.4988e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	4.7565e+01	-3.5323e+00	-3.7128e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	3.6450e+01	-1.0717e+00	-2.4487e+00
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	9.8459e+00	2.1293e+00	-3.3118e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.4109e+01	3.3816e+00	-3.4845e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	1.3913e+01	2.6741e+00	-2.0756e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	9.6915e+00	1.1452e+00	-1.9028e+00
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	1.0590e+01	2.4938e+00	-4.5609e+00
	1274	0.0000e+00	0.0000e+00	0.0000e+00	1.4379e+01	2.6285e+00	-4.9132e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.3880e+01	3.0018e+00	-4.4180e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	1.0376e+01	2.1590e+00	-4.0657e+00
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.1522e+01	2.3567e+00	-4.8512e+00

	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.4460e+01	2.3500e+00	-5.2097e+00
	1274	0.0000e+00	0.0000e+00	0.0000e+00	1.4278e+01	2.3689e+00	-5.2651e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	1.0978e+01	2.4717e+00	-4.9067e+00
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.2704e+01	1.9378e+00	-4.7637e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.5176e+01	1.8456e+00	-5.4926e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.4566e+01	2.0122e+00	-5.6497e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.1837e+01	2.2301e+00	-4.9208e+00
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	1.4301e+01	1.2382e+00	-4.4737e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.6815e+01	8.7887e-01	-5.7028e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.5495e+01	1.4179e+00	-5.9620e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.3130e+01	1.5703e+00	-4.7329e+00
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	1.6424e+01	2.5724e-01	-3.7430e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	1.9552e+01	-6.7469e-01	-5.5703e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.7339e+01	3.2900e-01	-6.1603e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	1.4935e+01	5.6177e-01	-4.3331e+00
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	1.9184e+01	-9.7722e-01	-2.2354e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	2.3554e+01	-2.7669e+00	-4.7558e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.0326e+01	-1.3459e+00	-5.9507e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	1.7306e+01	-7.7677e-01	-3.4304e+00
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.2371e+01	-2.1238e+00	-3.7802e-02
	1268	0.0000e+00	0.0000e+00	0.0000e+00	2.8571e+01	-4.6215e+00	-3.0252e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	2.4666e+01	-3.4094e+00	-4.8597e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	2.0223e+01	-2.2858e+00	-1.8723e+00
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.5054e+01	-2.2956e+00	1.1653e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	3.2234e+01	-3.4338e+00	-9.0430e-01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.0039e+01	-4.7589e+00	-2.3158e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.3056e+01	-3.1106e+00	-2.4624e-01
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.5731e+01	-8.4204e-01	-1.3186e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	3.4400e+01	1.0197e+00	-2.0078e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	3.4088e+01	-1.6476e+00	-8.6784e-01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.4648e+01	-2.0361e+00	-1.7863e-01
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	4.8480e+00	1.3418e-01	-3.0724e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	9.0407e+00	1.1528e+00	-3.0753e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	8.8204e+00	1.7915e-01	-1.7815e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	5.0624e+00	-1.3563e+00	-1.7785e+00
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	5.4511e+00	2.1607e+00	-3.9436e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	9.4248e+00	2.0800e+00	-4.2578e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	8.8443e+00	1.5053e+00	-3.9730e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	5.3949e+00	8.6246e-01	-3.6588e+00
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	6.8854e+00	2.6139e+00	-3.6302e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.0229e+01	2.2916e+00	-4.4445e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	9.4756e+00	2.0316e+00	-4.7771e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	5.9885e+00	2.3658e+00	-3.9628e+00
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	8.4658e+00	2.2675e+00	-3.2472e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.1495e+01	1.8777e+00	-4.2699e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.0533e+01	1.9579e+00	-4.7167e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	7.3559e+00	2.4500e+00	-3.6940e+00
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	9.7873e+00	1.7754e+00	-2.8475e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	1.3078e+01	1.0855e+00	-3.8801e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.1866e+01	1.4930e+00	-4.4400e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	8.9066e+00	1.9084e+00	-3.4074e+00
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.0732e+01	1.3745e+00	-2.0245e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	1.4908e+01	2.9036e-02	-3.0108e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	1.3416e+01	7.6775e-01	-3.9667e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.0225e+01	1.3094e+00	-2.9804e+00
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.1356e+01	9.1742e-01	-3.9052e-01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	1.6993e+01	-1.2726e+00	-1.3657e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	1.5231e+01	-2.0313e-01	-2.9735e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.1142e+01	7.8076e-01	-1.9983e+00
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.2130e+01	-3.2259e-01	1.8222e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	1.9215e+01	-2.5694e+00	7.1073e-01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	1.7489e+01	-1.4950e+00	-1.2268e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.1603e+01	8.3027e-02	-1.1540e-01

1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.3657e+01	-3.1320e+00	2.7298e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.1194e+01	-3.1415e+00	1.4122e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.0221e+01	-2.9068e+00	6.7415e-01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.1960e+01	-1.4595e+00	1.9918e+00
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.4107e+01	-5.1345e+00	-5.1510e-01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.3033e+01	-2.6210e+00	-1.2673e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.2615e+01	-3.3419e+00	5.7614e-01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.3001e+01	-4.4673e+00	1.3283e+00
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.2691e+00	-1.4646e+00	-3.2893e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	4.0731e+00	-8.3908e-01	-2.9122e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	3.9853e+00	-2.3597e+00	-1.5763e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-4.1718e-01	-4.3712e+00	-1.9534e+00
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	1.8233e-01	2.8935e+00	-2.7828e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	4.0129e+00	2.0294e+00	-3.2441e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	3.5168e+00	3.5276e-01	-3.8283e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-2.5635e-01	6.4183e-01	-3.3669e+00
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	2.8442e+00	2.9189e+00	-1.5732e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	5.4520e+00	2.7002e+00	-3.0820e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	4.4336e+00	2.0117e+00	-3.7166e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	8.0536e-01	3.0458e+00	-2.2079e+00
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	4.8261e+00	2.2894e+00	-1.6348e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	7.2316e+00	2.1966e+00	-2.9150e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	6.0820e+00	2.2278e+00	-3.1560e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	3.3816e+00	2.6106e+00	-1.8758e+00
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	5.8267e+00	1.8561e+00	-1.9551e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	8.5425e+00	1.5636e+00	-2.6991e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	7.6531e+00	1.8473e+00	-2.8885e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	5.2085e+00	1.9287e+00	-2.1445e+00
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	5.6361e+00	1.9450e+00	-2.0050e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	9.1656e+00	1.0819e+00	-2.0660e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	8.6668e+00	1.5131e+00	-2.5744e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	6.0113e+00	1.6537e+00	-2.5134e+00
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	3.9734e+00	2.4828e+00	-1.2730e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	9.0322e+00	5.5340e-01	-5.3500e-01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	8.9417e+00	1.3876e+00	-1.7737e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	5.5592e+00	1.9035e+00	-2.5117e+00
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	9.2055e-01	2.3563e+00	8.2185e-01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	8.6630e+00	-8.6785e-01	2.0551e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	8.5454e+00	1.0418e+00	-2.0758e-01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	3.5370e+00	2.2841e+00	-1.4408e+00
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	7.8654e-01	-3.2684e+00	3.9496e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	9.1786e+00	-4.0893e+00	3.3872e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	8.7163e+00	-1.1525e+00	1.6440e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	1.0922e-01	1.4676e+00	2.2064e+00
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	6.3074e-01	-1.1687e+01	1.2422e-01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.1535e+01	-7.4073e+00	-9.4429e-01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.1169e+01	-6.2743e+00	1.9880e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-1.1681e+00	-7.7833e+00	3.0565e+00
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.1217e+01	-1.1793e+00	-3.4933e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-2.2746e+00	-2.3347e+00	-2.7821e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-1.9229e+00	-5.8244e+00	-1.7829e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-1.0128e+01	-8.9525e+00	-2.4940e+00
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	-3.0182e+00	3.9630e+00	1.8908e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-2.0153e+00	4.1004e+00	-1.4135e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-3.5403e+00	1.1097e-01	-4.1238e+00
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-8.1886e+00	5.5987e+00	-8.1963e-01
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	1.0412e+00	2.5944e+00	1.5107e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.7021e+00	3.0836e+00	-1.0712e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.4660e-01	2.6981e+00	-1.1178e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-2.3418e+00	3.2793e+00	1.4641e+00
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	3.1052e+00	1.3907e+00	-9.8557e-02
	1239	0.0000e+00	0.0000e+00	0.0000e+00	4.1067e+00	2.0535e+00	-1.5099e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	2.6751e+00	2.3290e+00	-8.8709e-01

	1229	0.0000e+00	0.0000e+00	0.0000e+00	1.6769e+00	1.7623e+00	5.2429e-01
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	3.8661e+00	8.3491e-01	-1.6697e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	5.1271e+00	1.4876e+00	-2.1798e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	4.5345e+00	1.7012e+00	-1.4698e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	3.4251e+00	9.5214e-01	-9.5966e-01
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	3.2781e+00	9.8737e-01	-3.2232e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	4.7447e+00	1.5442e+00	-2.7428e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	5.1310e+00	1.5473e+00	-2.1026e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	3.8652e+00	8.4041e-01	-2.5830e+00
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	5.5457e-01	2.0161e+00	-4.6897e+00
	1236	0.0000e+00	0.0000e+00	0.0000e+00	2.4869e+00	2.0304e+00	-2.7199e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	4.1834e+00	2.1388e+00	-2.4038e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	2.8495e+00	1.5290e+00	-4.3735e+00
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	-6.9430e+00	4.1117e+00	-5.1805e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-1.4615e+00	1.7099e+00	-8.3189e-01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	9.3002e-01	3.3197e+00	-1.9612e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-5.2287e-01	3.1473e+00	-6.3099e+00
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	-1.6827e+01	7.2205e+00	5.0411e-01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-7.0474e+00	-4.4616e+00	5.9664e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-4.5819e+00	4.2814e+00	-2.0507e-02
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-8.2245e+00	4.4177e+00	-5.4828e+00
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	-2.3060e+01	-2.2248e+01	8.5313e-02
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-2.3074e+00	-1.5554e+01	-6.9302e-01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-2.7825e+00	-1.0084e+01	3.3200e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-2.4163e+01	-1.1311e+01	4.0983e+00
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	-3.6298e+00	1.6602e+01	2.5865e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-2.4605e+01	5.8024e+00	2.4359e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-2.5996e+00	-1.5331e+01	-8.3088e+00
	16	0.0000e+00	0.0000e+00	0.0000e+00	-7.3109e+01	-4.9202e+00	1.5120e+01
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	8.8343e-01	2.8051e+00	7.6476e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-3.5672e+00	5.5088e+00	2.1201e+00
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.5035e+01	4.4640e+00	5.6861e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	1.1508e+00	1.2827e-01	1.1214e+01
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	2.9254e+00	5.6658e-01	3.4936e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	1.4260e+00	1.9135e+00	1.6175e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-1.4820e+00	3.1290e+00	3.9606e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	2.0318e+00	-1.4924e-01	5.8366e+00
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	3.6539e+00	-6.1878e-01	6.8612e-01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	3.3603e+00	7.0699e-01	-1.1202e-01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	2.0037e+00	1.4672e+00	1.6151e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	3.3932e+00	-6.1648e-01	2.4133e+00
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	4.1123e+00	-1.2353e+00	-1.6043e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	3.9842e+00	2.6006e-01	-1.9369e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	3.5956e+00	5.0354e-01	-3.9816e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	3.8269e+00	-1.0386e+00	-6.5547e-02
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	4.3587e+00	-1.5892e+00	-4.1908e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	3.4905e+00	5.3423e-01	-4.0431e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	4.0515e+00	2.0445e-01	-2.2504e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	4.0971e+00	-1.2109e+00	-2.3981e+00
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	4.1710e+00	-1.8227e+00	-7.8959e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	9.3781e-01	1.6739e+00	-6.7974e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	3.2812e+00	7.0838e-01	-4.1833e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	4.0536e+00	-9.5533e-01	-5.2818e+00
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	1.3701e+00	-2.4952e+00	-1.4204e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-5.8745e+00	3.7762e+00	-1.0481e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-8.8098e-02	2.4027e+00	-6.2782e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	3.1264e+00	3.7706e-01	-1.0001e+01
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	-6.8782e-01	-5.2729e+00	-2.5405e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-3.5912e+01	3.6817e+00	-1.3211e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.0389e+01	8.9745e+00	-5.9022e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.5030e+00	3.5012e+00	-1.8096e+01
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.7352e+02	-3.9990e+01	-4.0584e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	4.6331e+00	-3.8301e+01	8.8665e+00

	1223	0.0000e+00	0.0000e+00	0.0000e+00	-5.4753e+01	8.9609e-01	-8.0228e+00
	432	0.0000e+00	0.0000e+00	0.0000e+00	-1.3934e+01	3.5925e+01	-5.7473e+01
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	8.1736e+01	3.0174e+00	6.9018e+00
	1221	0.0000e+00	0.0000e+00	0.0000e+00	7.1711e+01	-1.4339e+01	3.6714e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	1.5947e+02	1.7787e+01	2.5982e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	5.4387e+01	2.1615e+01	-3.8300e+00
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	5.4437e+01	-2.4934e+00	3.9961e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.7699e+01	4.1267e+00	1.8773e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	6.1810e+01	4.3833e+00	2.2587e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	7.0268e+01	3.4740e+00	7.8103e+00
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	4.2069e+01	1.6315e+00	2.2225e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	3.6224e+01	7.3736e+00	9.3818e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.2978e+01	5.2462e+00	1.3824e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	4.9822e+01	2.2201e+00	6.6643e+00
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	3.6803e+01	3.3154e+00	-1.2142e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	3.0748e+01	7.5196e+00	1.9998e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	3.3858e+01	7.4610e+00	6.1555e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	4.0205e+01	3.4616e+00	2.9415e+00
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	3.5979e+01	3.2790e+00	-4.9421e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	2.9167e+01	5.7563e+00	-4.5851e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	2.9961e+01	9.1499e+00	-5.9731e-01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	3.5909e+01	3.7552e+00	-9.5427e-01
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	3.9105e+01	1.5820e+00	-8.7739e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	3.1022e+01	2.3630e+00	-1.1129e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	2.9721e+01	9.8094e+00	-7.0666e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	3.5634e+01	2.5708e+00	-4.7114e+00
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	4.6910e+01	-1.7273e+00	-1.2628e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	3.6881e+01	-2.5571e+00	-1.8269e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	3.3007e+01	9.1060e+00	-1.3892e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	3.9354e+01	-3.6487e-01	-8.2509e+00
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	6.1796e+01	-6.0785e+00	-1.5912e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	4.9095e+01	-8.6438e+00	-2.6649e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	4.0761e+01	6.4603e+00	-2.1935e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	4.8371e+01	-5.4115e+00	-1.1197e+01
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	9.2865e+01	-6.0148e+00	-1.4403e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	7.4089e+01	-1.3791e+01	-3.5996e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	5.6042e+01	2.2492e-01	-3.2754e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	6.7158e+01	-1.3953e+01	-1.1160e+01
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	7.5389e+01	2.7425e+01	1.1915e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	2.1421e+02	-1.8526e+00	-3.3540e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	8.8158e+01	-2.4889e+01	-5.6038e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.0934e+02	-9.7540e+00	-1.0584e+01
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.6195e+01	7.0406e+00	-2.6130e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	6.3936e+01	9.2395e+00	-1.2929e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	6.5660e+01	1.2032e+01	1.3535e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.7146e+01	9.0067e+00	3.3379e-02
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	4.5059e+01	1.7935e-01	-2.8105e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	5.1482e+01	9.6224e-01	2.3685e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	5.9101e+01	-6.6026e-01	-8.6164e-02
	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.7934e+01	4.9681e+00	-5.2651e+00
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	4.0087e+01	6.3918e-01	-2.7656e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	4.2758e+01	1.6051e+00	1.8874e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	4.9379e+01	6.9943e-01	1.6606e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	4.2896e+01	2.1131e+00	-2.9924e+00
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	3.6895e+01	1.4147e+00	-3.2142e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	3.8270e+01	2.7853e+00	-8.7284e-01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	4.1316e+01	2.3482e+00	1.3600e-02
	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.8594e+01	1.9690e+00	-2.3278e+00
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.6582e+01	1.2609e+00	-3.9259e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	3.7556e+01	2.7312e+00	-3.9168e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	3.7717e+01	2.7147e+00	-2.7240e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	3.6440e+01	1.8304e+00	-2.7331e+00
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.9263e+01	-8.7372e-02	-4.4250e+00



	1206	0.0000e+00	0.0000e+00	0.0000e+00	4.0582e+01	1.1320e+00	-6.8000e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	3.7886e+01	1.5342e+00	-5.7527e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.7147e+01	6.8632e-01	-3.3778e+00
1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	4.5184e+01	-2.3329e+00	-3.9579e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	4.7986e+01	-2.0877e+00	-9.0661e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	4.1857e+01	-1.2948e+00	-8.7211e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	4.0962e+01	-1.7307e+00	-3.6129e+00
1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	5.3725e+01	-3.7999e+00	-1.1930e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	6.1391e+01	-6.6266e+00	-9.3396e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	5.0314e+01	-5.5665e+00	-1.1020e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	4.8295e+01	-5.0770e+00	-2.8730e+00
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	6.2629e+01	7.8614e-01	5.3781e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	7.7555e+01	-9.5953e+00	-3.3534e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	6.4460e+01	-8.7853e+00	-9.4108e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	5.8031e+01	-7.2093e+00	-6.7930e-01
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	6.0990e+01	1.1701e+01	1.0224e+00
	1143	0.0000e+00	0.0000e+00	0.0000e+00	8.5457e+01	1.5745e+01	5.1371e-01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	8.4471e+01	2.3402e+00	1.4531e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	6.0946e+01	4.5293e+00	1.9617e+00
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	3.0551e+01	2.5448e+00	-3.6407e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.3631e+01	4.8557e+00	-3.1847e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.3809e+01	5.7165e+00	-1.3838e-01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	3.1297e+01	2.0138e+00	-5.9434e-01
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	3.0299e+01	2.1005e+00	-5.6143e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	4.1002e+01	1.1923e+00	-4.5626e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.1894e+01	3.0489e+00	-4.6907e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	3.1537e+01	2.3937e+00	-5.7424e+00
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	2.9519e+01	2.0950e+00	-4.9425e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.7190e+01	1.2344e+00	-3.2883e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	3.9713e+01	8.3660e-01	-4.6477e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	3.0348e+01	2.6594e+00	-6.3019e+00
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	2.9039e+01	2.1981e+00	-3.6283e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	3.5015e+01	1.5127e+00	-2.8277e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.6463e+01	1.1064e+00	-3.9969e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	2.9213e+01	2.7291e+00	-4.7975e+00
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.9510e+01	1.9187e+00	-2.3572e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.5140e+01	9.9534e-01	-2.7548e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	3.4846e+01	1.3113e+00	-3.7354e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	2.8998e+01	2.3237e+00	-3.3379e+00
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	3.1117e+01	1.1918e+00	-6.8164e-01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.7696e+01	-5.9658e-01	-2.3628e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.5460e+01	5.8482e-01	-3.6749e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.9946e+01	1.3865e+00	-1.9937e+00
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.3986e+01	8.6035e-02	2.0706e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	4.2772e+01	-3.0685e+00	-9.6318e-01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.8549e+01	-1.2024e+00	-3.1556e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	3.2062e+01	-2.9191e-02	-1.2175e-01
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	3.7691e+01	-8.6122e-01	5.6568e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	4.9711e+01	-4.9144e+00	1.7644e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	4.4303e+01	-3.5895e+00	-1.2864e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.5211e+01	-1.6203e+00	2.6059e+00
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	4.0571e+01	-3.0829e-01	6.7331e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	5.4009e+01	-1.1402e+00	4.5467e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	5.1937e+01	-4.5557e+00	2.8100e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	3.8214e+01	-1.9593e+00	4.9964e+00
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.9822e+01	2.5857e+00	3.1070e-01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	5.5798e+01	7.7138e+00	5.0552e-01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	5.6915e+01	2.5441e+00	4.0001e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	3.9100e+01	7.7378e-01	3.8053e+00
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.5065e+01	-2.2747e+00	-4.6337e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	2.7959e+01	1.1242e-01	-3.8935e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	2.8220e+01	-7.2149e-01	-5.7809e-01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.6304e+01	-4.8790e+00	-1.3183e+00

1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.4978e+01	2.6549e+00	-6.4903e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	2.6608e+01	1.5851e+00	-5.8787e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	2.6567e+01	7.8092e-01	-5.8902e+00
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.6258e+01	-2.6627e-01	-6.5017e+00
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.6656e+01	4.1367e+00	-4.5686e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	2.5687e+01	2.5480e+00	-4.8789e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	2.5879e+01	1.6775e+00	-6.7081e+00
	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.5836e+01	3.6997e+00	-6.3978e+00
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.8453e+01	3.8960e+00	-2.6271e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	2.5765e+01	2.5416e+00	-3.3180e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	2.5688e+01	2.1408e+00	-5.1609e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.7129e+01	4.4244e+00	-4.4700e+00
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.9480e+01	3.4624e+00	-1.1942e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.6573e+01	1.8903e+00	-1.8419e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	2.5982e+01	2.1120e+00	-3.4750e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.8759e+01	3.7636e+00	-2.8273e+00
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.9580e+01	3.3960e+00	5.7512e-01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.7876e+01	8.6318e-01	8.7863e-02
	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.6725e+01	1.6879e+00	-1.9289e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.9743e+01	3.1361e+00	-1.4416e+00
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	1.8962e+01	3.3818e+00	3.5148e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	2.9645e+01	-4.8586e-01	3.0961e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.7985e+01	9.1192e-01	1.4852e-01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.9774e+01	2.8629e+00	5.6719e-01
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.8691e+01	1.8472e+00	7.2246e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	3.1716e+01	-1.8120e+00	6.4994e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.0092e+01	-3.8702e-01	3.2309e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	1.8846e+01	2.4058e+00	3.9561e+00
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	2.0228e+01	-3.0874e+00	8.1249e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	3.3559e+01	-2.0967e+00	6.7531e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	3.3182e+01	-2.0373e+00	6.1173e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.7826e+01	2.0832e-01	7.4892e+00
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.0251e+01	-7.2648e+00	7.1010e-01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.5680e+01	-9.7500e-01	-1.4821e-02
	1183	0.0000e+00	0.0000e+00	0.0000e+00	3.5915e+01	-2.3955e+00	4.6580e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.8547e+01	-5.3299e+00	5.3829e+00
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	-3.7199e+00	-7.0470e+00	-6.4692e+00
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.2706e+01	-5.0304e+00	-4.9334e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.3119e+01	-7.9762e+00	-8.3159e-01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.0206e+00	-1.4057e+01	-2.3674e+00
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	-8.3571e-01	5.7359e+00	-5.1025e+00
	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.0642e+01	2.6798e+00	-5.2696e+00
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.0375e+01	-1.7158e+00	-7.3259e+00
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-9.0718e-01	-7.1280e-01	-7.1588e+00
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	5.3242e+00	6.1053e+00	-7.9441e-01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.2467e+01	4.9450e+00	-3.7770e+00
	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.1160e+01	2.7883e+00	-6.2602e+00
	1170	0.0000e+00	0.0000e+00	0.0000e+00	5.8711e-01	6.5299e+00	-3.2776e+00
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	9.4371e+00	4.7688e+00	-1.4737e-01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.5148e+01	4.2460e+00	-2.4003e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.3653e+01	3.8638e+00	-3.6246e+00
	1169	0.0000e+00	0.0000e+00	0.0000e+00	6.3671e+00	5.7578e+00	-1.3716e+00
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.0915e+01	3.9620e+00	-5.5780e-01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.6582e+01	3.3435e+00	-1.3909e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.5822e+01	3.5248e+00	-2.0874e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	9.9875e+00	4.2813e+00	-1.2543e+00
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	9.6245e+00	4.4735e+00	-7.5416e-01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.6379e+01	2.9851e+00	-7.0690e-03
	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.6552e+01	3.3823e+00	-1.0146e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.0965e+01	3.8827e+00	-1.7617e+00
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	5.2813e+00	6.0991e+00	3.5314e-01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	1.4557e+01	2.7477e+00	2.7597e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.5601e+01	3.8389e+00	5.7336e-01

	1166	0.0000e+00	0.0000e+00	0.0000e+00	9.1138e+00	4.8034e+00	-1.8332e+00
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	-1.7488e+00	6.5620e+00	3.9749e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.2323e+01	8.1383e-01	7.3075e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	1.3242e+01	4.0068e+00	3.2980e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	4.0847e+00	6.1736e+00	-3.4680e-02
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	-2.8324e+00	-3.7927e+00	9.6616e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.2118e+01	-4.9311e+00	9.2664e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.2072e+01	5.1252e-01	6.3042e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-3.5874e+00	5.2216e+00	6.6993e+00
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	-2.9960e+00	-2.0647e+01	2.0973e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	1.6267e+01	-1.1605e+01	1.3059e-02
	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.5777e+01	-9.2257e+00	6.1934e+00
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-6.7291e+00	-1.2384e+01	8.2777e+00
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	-3.4092e+01	-8.9129e+00	-7.4622e+00
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-6.3853e+00	-9.8575e+00	-5.9135e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-5.1216e+00	-1.8990e+01	-1.7019e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-3.2217e+01	-2.8249e+01	-3.2505e+00
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	-1.0911e+01	9.3125e+00	7.0770e+00
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-7.2678e+00	9.5314e+00	-1.5826e+00
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.1236e+01	-2.3455e+00	-9.7255e+00
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-2.4490e+01	1.3948e+01	-1.0659e+00
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	2.8456e-01	6.1578e+00	6.9690e+00
	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.9450e+00	7.0760e+00	2.2331e-01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-2.3526e+00	5.5630e+00	-5.4178e-01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-9.0868e+00	7.9915e+00	6.2039e+00
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	5.4634e+00	3.1559e+00	3.1560e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	7.5398e+00	4.6069e+00	-1.4650e-01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	4.3912e+00	5.0376e+00	1.0544e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	1.9201e+00	4.1181e+00	4.3569e+00
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	7.0076e+00	1.9054e+00	-4.5328e-01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	9.3823e+00	3.3868e+00	-1.3201e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	8.4670e+00	3.6957e+00	2.0319e-01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	6.1665e+00	2.1700e+00	1.0700e+00
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	5.4174e+00	2.4231e+00	-3.9058e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	7.9382e+00	3.7795e+00	-2.5137e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	9.2650e+00	3.5212e+00	-1.0654e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	6.9116e+00	2.0186e+00	-2.4575e+00
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	-4.7545e-01	4.9094e+00	-7.1268e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	2.6406e+00	5.2866e+00	-2.7368e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	6.6409e+00	5.0793e+00	-1.8582e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	4.4200e+00	3.7222e+00	-6.2483e+00
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.5550e+01	9.6466e+00	-8.4181e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-5.9467e+00	5.3798e+00	5.4938e-01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	-6.0531e-01	7.9921e+00	-1.3297e+00
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-2.7201e+00	7.4346e+00	-1.0297e+01
1440	1153	0.0000e+00	0.0000e+00	0.0000e+00	-3.5452e+01	1.6548e+01	2.4544e+00
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-1.7411e+01	-6.0085e+00	1.3549e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-1.2275e+01	1.0588e+01	2.0637e+00
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.8106e+01	1.0704e+01	-9.0312e+00
1441	1088	0.0000e+00	0.0000e+00	0.0000e+00	-4.6893e+01	-4.0720e+01	2.9702e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-8.1965e+00	-2.7884e+01	1.0772e+00
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-9.5763e+00	-1.6739e+01	8.2765e+00
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-4.9349e+01	-1.8114e+01	1.0169e+01
1442	323	0.0000e+00	0.0000e+00	0.0000e+00	-1.4614e+01	5.0298e+01	7.9386e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-7.5238e+01	9.7263e+00	9.8164e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	1.1649e+00	-4.8489e+01	-1.8689e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	-2.3199e+02	-3.2790e+01	5.0880e+01
1443	322	0.0000e+00	0.0000e+00	0.0000e+00	1.4346e-01	6.7340e+00	2.4114e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-1.2984e+01	1.4746e+01	7.6096e+00
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-4.7860e+01	9.8515e+00	1.8154e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	1.5764e+00	-2.9527e+00	3.4659e+01
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	6.1461e+00	1.1111e+00	1.2247e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	1.3399e+00	4.6068e+00	7.0258e+00

	1160	0.0000e+00	0.0000e+00	0.0000e+00	-6.8412e+00	7.5451e+00	1.3535e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	3.7472e+00	-1.8084e+00	1.8756e+01
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	7.6717e+00	-1.6223e+00	4.7183e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	6.3121e+00	1.5875e+00	2.9161e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	2.8257e+00	3.4414e+00	7.3809e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	7.5064e+00	-2.1624e+00	9.1831e+00
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	8.1949e+00	-2.6593e+00	-7.6475e-01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	7.4936e+00	6.5055e-01	-1.1956e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	6.7313e+00	1.1875e+00	2.4176e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	8.0841e+00	-2.6352e+00	2.8484e+00
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	8.1615e+00	-2.9066e+00	-6.3550e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	6.0690e+00	1.4964e+00	-5.6866e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	7.4693e+00	6.6508e-01	-1.8340e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	8.1156e+00	-2.5370e+00	-2.5024e+00
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	7.3097e+00	-2.7082e+00	-1.3839e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	5.7476e-01	4.2640e+00	-1.1322e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	5.4938e+00	2.0081e+00	-6.0197e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	7.4909e+00	-1.4863e+00	-8.5366e+00
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	1.6020e+00	-3.1206e+00	-2.6130e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.3008e+01	9.1012e+00	-1.8668e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-1.5393e+00	5.8566e+00	-1.0404e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	5.2538e+00	1.7653e+00	-1.7866e+01
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-2.4006e+00	-7.0266e+00	-4.7549e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-7.0911e+01	1.0123e+01	-2.4004e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-2.1762e+01	1.9255e+01	-9.9448e+00
	316	0.0000e+00	0.0000e+00	0.0000e+00	-3.8400e+00	8.6511e+00	-3.3490e+01
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-3.3371e+02	-6.6609e+01	-7.4388e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	4.6346e+00	-7.0851e+01	2.1433e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-1.0780e+02	6.2954e+00	-1.3498e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-2.7112e+01	7.1007e+01	-1.0932e+02
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	1.1286e+02	6.5149e+00	6.7747e+00
	1152	0.0000e+00	0.0000e+00	0.0000e+00	9.8834e+01	-2.2999e+01	4.9795e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	2.2052e+02	2.2551e+01	3.3225e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	7.0417e+01	2.9017e+01	-9.7950e+00
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	7.4487e+01	-4.7098e+00	4.0917e+00
	1151	0.0000e+00	0.0000e+00	0.0000e+00	6.4015e+01	5.7883e+00	2.7417e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	8.3426e+01	2.6863e+00	3.0823e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	9.8044e+01	5.7892e+00	7.4975e+00
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	5.4312e+01	2.6442e+00	3.5049e+00
	1150	0.0000e+00	0.0000e+00	0.0000e+00	4.6053e+01	1.1995e+01	1.6379e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	5.6760e+01	4.3725e+00	2.1301e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	6.7321e+01	3.0356e+00	8.4268e+00
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	4.3507e+01	6.6594e+00	3.8870e-01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	3.5205e+01	1.3556e+01	8.0495e+00
	1150	0.0000e+00	0.0000e+00	0.0000e+00	4.1667e+01	8.8613e+00	1.2547e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	5.1157e+01	5.9913e+00	4.8865e+00
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	3.7561e+01	8.3991e+00	-3.0932e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	2.8374e+01	1.2198e+01	1.3515e+00
	1149	0.0000e+00	0.0000e+00	0.0000e+00	3.2580e+01	1.3128e+01	5.3430e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	4.1542e+01	8.2598e+00	8.9832e-01
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	3.4918e+01	8.0098e+00	-6.4119e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.4224e+01	8.2176e+00	-4.3910e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	2.6978e+01	1.6425e+01	-7.9900e-01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	3.5887e+01	8.8327e+00	-2.8199e+00
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	3.5203e+01	5.4260e+00	-9.3257e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.2324e+01	1.5342e+00	-9.5885e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.3882e+01	1.8367e+01	-6.2975e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	3.3160e+01	7.3290e+00	-6.0347e+00
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	3.8927e+01	6.5918e-01	-1.1501e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	2.3125e+01	-7.9694e+00	-1.4553e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.3118e+01	1.8522e+01	-1.1552e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	3.3311e+01	3.3756e+00	-8.4993e+00
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	5.0389e+01	-4.0139e+00	-1.1013e+01

	1144	0.0000e+00	0.0000e+00	0.0000e+00	2.7421e+01	-1.9762e+01	-1.8973e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	2.5346e+01	1.6143e+01	-1.7006e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	3.7802e+01	-3.8776e+00	-9.0459e+00
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	3.3749e+01	-3.6405e+00	-5.0845e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	7.6382e+01	-2.8386e+01	-1.9580e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	3.3264e+01	4.4019e+00	-2.5911e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	5.0165e+01	-6.5955e+00	-1.1416e+01
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	5.9246e+01	1.0831e+01	-7.0297e+00
	1142	0.0000e+00	0.0000e+00	0.0000e+00	8.4473e+01	1.6389e+01	-5.3058e+00
	1143	0.0000e+00	0.0000e+00	0.0000e+00	8.6299e+01	1.5849e+01	-1.7388e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	6.0596e+01	1.3662e+01	-3.4627e+00
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	5.8743e+01	2.0083e+00	-6.4856e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	6.8453e+01	2.6487e+00	4.8773e-01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	7.8024e+01	-1.3454e+00	-3.5050e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	6.2018e+01	7.9648e+00	-1.0478e+01
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	5.1653e+01	2.5836e+00	-5.9279e+00
	1140	0.0000e+00	0.0000e+00	0.0000e+00	5.5107e+01	3.6461e+00	1.9392e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	6.5255e+01	6.9918e-01	7.7822e-01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	5.5997e+01	4.2827e+00	-7.0888e+00
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	4.5080e+01	4.6864e+00	-6.1321e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	4.6102e+01	6.4934e+00	-5.0987e-01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	5.2469e+01	4.5600e+00	1.6213e-01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	4.9070e+01	4.9079e+00	-5.4601e+00
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	4.0997e+01	5.9926e+00	-6.9816e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	4.0636e+01	8.1503e+00	-3.6604e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	4.4294e+01	7.0370e+00	-2.2987e+00
	1128	0.0000e+00	0.0000e+00	0.0000e+00	4.3457e+01	6.2376e+00	-5.6198e+00
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	3.9235e+01	5.7758e+00	-8.1010e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	3.8090e+01	8.0104e+00	-6.7594e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	3.9547e+01	7.6503e+00	-5.2519e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	4.0249e+01	6.6114e+00	-6.5935e+00
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	3.9561e+01	3.9518e+00	-8.8798e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	3.8150e+01	5.7895e+00	-9.3455e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	3.7581e+01	6.2297e+00	-8.1487e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	3.9273e+01	5.4688e+00	-7.6831e+00
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	4.1195e+01	8.7049e-01	-8.5216e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	4.1339e+01	1.3759e+00	-1.0706e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	3.8153e+01	2.6229e+00	-1.0530e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	4.0357e+01	2.7477e+00	-8.3464e+00
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	4.6118e+01	-1.7982e+00	-6.1594e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	4.3988e+01	-4.3298e+00	-9.2852e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	4.1650e+01	-1.9498e+00	-1.0725e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	4.2697e+01	-1.3553e+00	-7.5991e+00
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	2.5922e+01	-5.7132e+00	-7.6124e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	6.7913e+01	-1.8875e+00	-8.7653e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	4.6572e+01	-8.1234e+00	-1.0581e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	4.5139e+01	-3.5506e-01	-9.4281e+00
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	3.8961e+01	4.3424e+00	-7.7482e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	5.6274e+01	7.8857e+00	-7.4638e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	5.5938e+01	9.1882e+00	-3.1696e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.9821e+01	3.4070e+00	-3.4540e+00
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	3.8641e+01	4.2079e+00	-1.0821e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	5.3227e+01	3.5834e+00	-9.4147e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	5.4365e+01	5.3816e+00	-9.1075e+00
	1120	0.0000e+00	0.0000e+00	0.0000e+00	4.0094e+01	4.0901e+00	-1.0514e+01
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	3.7318e+01	4.7043e+00	-1.0497e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	4.7497e+01	4.0041e+00	-7.6056e+00
	1130	0.0000e+00	0.0000e+00	0.0000e+00	5.1376e+01	2.3395e+00	-9.1505e+00
	1119	0.0000e+00	0.0000e+00	0.0000e+00	3.8765e+01	4.9941e+00	-1.2042e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	3.5638e+01	5.6192e+00	-9.2564e+00
	1128	0.0000e+00	0.0000e+00	0.0000e+00	4.2698e+01	5.4201e+00	-6.8128e+00
	1129	0.0000e+00	0.0000e+00	0.0000e+00	4.6097e+01	3.4502e+00	-8.1075e+00
	1118	0.0000e+00	0.0000e+00	0.0000e+00	3.6741e+01	6.0625e+00	-1.0551e+01

1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	3.4508e+01	6.0761e+00	-8.4401e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	3.9740e+01	6.1794e+00	-7.0053e+00
	1128	0.0000e+00	0.0000e+00	0.0000e+00	4.1822e+01	5.1481e+00	-7.6528e+00
	1117	0.0000e+00	0.0000e+00	0.0000e+00	3.5070e+01	6.6573e+00	-9.0875e+00
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	3.4067e+01	5.7236e+00	-8.0466e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	3.8555e+01	5.6333e+00	-7.5873e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	3.9260e+01	5.8719e+00	-7.9025e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	3.4208e+01	6.4660e+00	-8.3618e+00
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	3.4252e+01	4.4427e+00	-7.5243e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	3.8829e+01	3.6160e+00	-7.8910e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	3.8359e+01	5.2175e+00	-8.3680e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	3.4046e+01	5.4265e+00	-8.0013e+00
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	3.4342e+01	2.1285e+00	-6.5386e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	4.0515e+01	4.6069e-01	-7.4168e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	3.8885e+01	3.0991e+00	-8.4102e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	3.4354e+01	3.5882e+00	-7.5319e+00
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	3.7186e+01	-9.4339e-01	-5.3785e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	3.9032e+01	-2.9046e+00	-6.0347e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	4.0612e+01	5.4387e-01	-6.9676e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	3.4397e+01	6.0855e-01	-6.3115e+00
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	1.3232e+01	-8.1020e+00	-8.4702e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	6.1399e+01	-3.6545e+00	-7.9051e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	4.0658e+01	-5.8550e+00	-8.8507e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	3.5014e+01	6.4589e-01	-9.4158e+00
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.8743e+01	-2.9827e+00	-8.9956e+00
	1120	0.0000e+00	0.0000e+00	0.0000e+00	3.5648e+01	9.9890e-01	-8.0717e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.5523e+01	-2.9444e-01	-3.2669e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.0569e+01	-6.7462e+00	-4.1908e+00
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.8360e+01	3.8053e+00	-1.2359e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	3.3984e+01	3.2132e+00	-1.1363e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	3.4221e+01	1.7834e+00	-1.0510e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.9958e+01	-6.6064e-01	-1.1506e+01
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	2.0145e+01	6.8378e+00	-1.0749e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	3.2286e+01	5.3845e+00	-1.0763e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	3.2937e+01	3.4264e+00	-1.2502e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.9467e+01	5.7497e+00	-1.2488e+01
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	2.2440e+01	7.3526e+00	-8.7256e+00
	1117	0.0000e+00	0.0000e+00	0.0000e+00	3.1450e+01	6.4397e+00	-9.2865e+00
	1118	0.0000e+00	0.0000e+00	0.0000e+00	3.2040e+01	4.8726e+00	-1.1178e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	2.0816e+01	8.0679e+00	-1.0618e+01
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	2.4074e+01	6.8731e+00	-7.8142e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	3.1308e+01	6.4497e+00	-8.3679e+00
	1117	0.0000e+00	0.0000e+00	0.0000e+00	3.1568e+01	5.7386e+00	-9.5459e+00
	1106	0.0000e+00	0.0000e+00	0.0000e+00	2.2794e+01	7.8731e+00	-8.9922e+00
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	2.4790e+01	6.1526e+00	-7.6235e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	3.1434e+01	5.6607e+00	-7.9303e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	3.1406e+01	5.8660e+00	-8.6546e+00
	1105	0.0000e+00	0.0000e+00	0.0000e+00	2.4254e+01	6.9470e+00	-8.3479e+00
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	2.4688e+01	5.1424e+00	-7.4153e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	3.1541e+01	4.0945e+00	-7.4279e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	3.1383e+01	5.2498e+00	-8.1962e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	2.4823e+01	5.8702e+00	-8.1836e+00
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.3554e+01	3.0703e+00	-6.8610e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	3.1910e+01	1.6814e+00	-6.6370e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	3.1404e+01	3.6703e+00	-7.6655e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	2.4473e+01	4.5146e+00	-7.8894e+00
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	2.5735e+01	-9.6709e-01	-6.1537e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	2.8621e+01	-2.1172e+00	-5.9133e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	3.1629e+01	1.4963e+00	-6.4583e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.3170e+01	1.5296e+00	-6.6987e+00
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	-1.5038e+00	-1.0309e+01	-9.6552e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	5.3244e+01	-5.3185e+00	-8.8718e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	2.9925e+01	-6.8095e+00	-9.8239e+00

	1101	0.0000e+00	0.0000e+00	0.0000e+00	2.3259e+01	2.4817e-01	-1.0607e+01
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	-6.3446e+00	-1.0480e+01	-1.1755e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.5587e+01	-6.8617e+00	-9.4898e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	1.5956e+01	-1.1015e+01	-3.4152e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-2.5405e+00	-2.0587e+01	-5.6805e+00
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	-3.8281e+00	6.6201e+00	-1.1219e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.2873e+01	3.3460e+00	-1.0869e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.2951e+01	-2.8349e+00	-1.2555e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-3.2616e+00	-2.4493e+00	-1.2905e+01
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	4.2326e+00	9.2998e+00	-5.5261e+00
	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.4400e+01	8.0498e+00	-9.4484e+00
	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.3068e+01	4.2288e+00	-1.2564e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.6610e+00	9.7444e+00	-8.6418e+00
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.0717e+01	8.2334e+00	-4.3368e+00
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.7998e+01	8.2109e+00	-8.0762e+00
	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.5902e+01	6.8804e+00	-9.5569e+00
	1096	0.0000e+00	0.0000e+00	0.0000e+00	5.9250e+00	1.0073e+01	-5.8175e+00
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.4666e+01	6.5174e+00	-5.3039e+00
	1105	0.0000e+00	0.0000e+00	0.0000e+00	2.0757e+01	7.0448e+00	-7.6738e+00
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.9239e+01	6.9056e+00	-7.9101e+00
	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.1818e+01	7.9462e+00	-5.5402e+00
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.6203e+01	5.3747e+00	-6.9975e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	2.2032e+01	5.8370e+00	-7.8870e+00
	1105	0.0000e+00	0.0000e+00	0.0000e+00	2.1364e+01	6.2388e+00	-7.6343e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.5232e+01	6.1522e+00	-6.7447e+00
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.5658e+01	4.7881e+00	-8.4547e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	2.1796e+01	4.5559e+00	-8.0044e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	2.2002e+01	5.5461e+00	-7.9162e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.6282e+01	5.1224e+00	-8.3665e+00
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.2826e+01	3.7240e+00	-8.9739e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.0976e+01	2.4272e+00	-7.5163e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	2.1255e+01	4.4595e+00	-8.1212e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.5232e+01	4.4762e+00	-9.5788e+00
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.3819e+01	-4.5239e-01	-7.9057e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.6147e+01	-2.3557e+00	-6.6818e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.0086e+01	2.4454e+00	-7.4274e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.2135e+01	2.1611e+00	-8.6513e+00
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	-1.7462e+01	-1.3368e+01	-1.1467e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	4.3550e+01	-7.2675e+00	-1.0397e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.7530e+01	-8.1751e+00	-1.1265e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.0530e+01	-1.8750e-01	-1.2336e+01
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	-4.9450e+01	-2.3080e+01	-1.3834e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-8.3658e+00	-1.4845e+01	-1.2456e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-9.0924e+00	-2.7709e+01	-5.0366e+00
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-4.6184e+01	-3.5584e+01	-6.4151e+00
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	-2.0509e+01	1.2881e+01	4.5583e+00
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.2935e+01	1.1718e+01	-5.7720e+00
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.6221e+01	-4.6835e+00	-1.7385e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-3.6252e+01	1.9369e+01	-7.0542e+00
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	-3.6368e+00	1.0296e+01	7.4645e+00
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.3054e+00	1.1534e+01	-3.1963e+00
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-7.0028e+00	7.9624e+00	-5.2956e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-1.7578e+01	1.3759e+01	5.3652e+00
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	5.4220e+00	6.2133e+00	2.8807e+00
	1095	0.0000e+00	0.0000e+00	0.0000e+00	7.9462e+00	8.5399e+00	-3.4425e+00
	1096	0.0000e+00	0.0000e+00	0.0000e+00	2.5764e+00	8.7179e+00	-2.0952e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-8.5617e-01	8.1188e+00	4.2280e+00
1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.0053e+01	3.4427e+00	-1.9474e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.2964e+01	5.9106e+00	-5.2205e+00
	1095	0.0000e+00	0.0000e+00	0.0000e+00	9.9827e+00	6.7828e+00	-3.0284e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	7.0043e+00	4.4908e+00	2.4461e-01
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.1775e+01	2.0392e+00	-6.4960e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.4849e+01	4.4761e+00	-7.5939e+00

	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.3794e+01	5.0960e+00	-5.3113e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.0807e+01	2.5764e+00	-4.2134e+00
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	1.1137e+01	1.8246e+00	-1.0581e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.4045e+01	3.8220e+00	-9.7830e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.4768e+01	4.3402e+00	-7.7730e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.1883e+01	1.9731e+00	-8.5707e+00
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	6.8828e+00	2.3575e+00	-1.3705e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.1447e+01	2.8364e+00	-1.0835e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.3023e+01	4.1786e+00	-9.8228e+00
	1081	0.0000e+00	0.0000e+00	0.0000e+00	1.0592e+01	2.4589e+00	-1.2692e+01
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	4.1311e+00	2.4517e+00	-1.3080e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	3.1388e+00	-2.1201e+00	-8.8265e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	9.0411e+00	4.1398e+00	-1.0153e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	6.0645e+00	2.4480e+00	-1.4406e+01
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	-3.5349e+01	-1.7475e+01	-1.5073e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	3.3521e+01	-1.0410e+01	-1.2373e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	4.1155e+00	-8.8663e+00	-1.3926e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-9.6814e-01	1.5723e+00	-1.6627e+01
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	-2.7125e+01	8.2529e+01	1.1162e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-1.1818e+02	4.1517e+00	1.1768e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	3.9691e+00	-6.4863e+01	-2.6677e+01
	13	0.0000e+00	0.0000e+00	0.0000e+00	-3.3322e+02	-5.9761e+01	7.3176e+01
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	-5.4333e+00	1.2479e+01	3.4881e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-2.7087e+01	2.5635e+01	7.8143e+00
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-8.1951e+01	9.5330e+00	2.1010e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	-4.2919e-01	-5.9652e+00	4.8077e+01
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	5.9357e+00	4.6722e+00	1.8823e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-2.7730e+00	8.9925e+00	8.5712e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-1.5685e+01	1.2583e+01	1.7670e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	-3.6602e-02	-2.8544e+00	2.7922e+01
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	9.5630e+00	-3.9308e-01	7.4619e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	7.0576e+00	3.9935e+00	3.3373e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	5.5727e-01	7.1942e+00	9.7559e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	8.4653e+00	-2.3568e+00	1.3881e+01
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	1.1262e+01	-2.6150e+00	-1.7699e-02
	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.1142e+01	1.3986e+00	-1.9277e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	8.3168e+00	3.3446e+00	2.8731e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	1.0569e+01	-3.0664e+00	4.7831e+00
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	1.2283e+01	-3.7430e+00	-6.1650e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.2617e+01	4.4209e-01	-6.9917e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.1624e+01	1.1153e+00	-2.8902e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	1.1753e+01	-3.6058e+00	-2.0635e+00
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	1.3010e+01	-4.1605e+00	-1.2057e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	1.1953e+01	6.6494e-01	-1.1960e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.2637e+01	2.9250e-01	-7.9360e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	1.2504e+01	-3.6205e+00	-8.0332e+00
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	1.2068e+01	-4.2213e+00	-1.8488e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	9.0953e+00	1.7758e+00	-1.6825e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	1.1328e+01	6.5169e-01	-1.2581e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	1.2898e+01	-2.5666e+00	-1.4244e+01
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	1.6278e+01	-3.8019e+00	-2.4640e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-7.3922e+00	7.9135e-01	-1.9605e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	6.3332e+00	4.0617e+00	-1.5173e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	1.1829e+01	-9.6777e-01	-2.0208e+01
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-6.1124e+01	-1.4314e+01	-2.9694e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	2.9944e+01	-1.4761e+01	-1.3745e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.3464e+01	-3.4701e+00	-2.2231e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	1.1665e+01	1.4511e+01	-3.8181e+01
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	-1.0392e+02	-3.7842e+00	-5.1985e+00
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-4.2517e+01	5.5671e+01	-7.6165e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	-2.6487e+02	-5.7860e+01	-4.9515e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.1783e+01	-5.6502e+01	2.1452e+01
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	-3.9886e+01	1.8671e+01	-1.9438e+00



	1076	0.0000e+00	0.0000e+00	0.0000e+00	-2.3786e+01	8.5422e+00	-2.1907e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-2.1854e+01	-7.1659e+00	-3.0921e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-7.8449e+01	2.3560e+00	-1.0958e+01
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	-2.3641e+01	9.8655e+00	-2.6318e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-1.4883e+01	5.3435e+00	-9.4732e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-1.9536e+01	-9.0395e-01	-1.6374e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-3.1541e+01	9.6170e+00	-9.5321e+00
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	-2.0489e+01	8.3372e+00	1.5692e+00
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.3175e+01	2.4455e+00	7.5105e-01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-1.3383e+01	2.0383e+00	-5.1415e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-2.1781e+01	8.9925e+00	-4.3234e+00
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	-2.6196e+01	7.3302e+00	6.1224e+00
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.7354e+01	-7.5600e-01	1.0551e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.3945e+01	3.9772e+00	4.6180e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-2.1479e+01	8.8244e+00	1.8962e-01
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	-5.9490e+01	-1.8982e-02	7.6290e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-1.9555e+01	-7.1259e+00	2.1998e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-2.0440e+01	5.7255e+00	1.5022e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-3.2241e+01	1.3827e+01	6.5256e-01
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	-6.6721e+00	-4.2253e+01	-1.0676e+01
	19	0.0000e+00	0.0000e+00	0.0000e+00	-1.9804e+02	-5.6197e+01	3.9484e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-3.5844e+01	4.0141e+01	5.4617e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-7.6834e+01	-6.7913e+00	4.4558e+00
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	-2.2377e+01	-1.5966e+01	1.0760e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-5.3355e+01	-2.2960e+01	1.3260e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-4.9328e+01	-3.4109e+01	6.5549e+00
	644	0.0000e+00	0.0000e+00	0.0000e+00	-2.1816e+01	-2.6486e+01	4.0547e+00
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	-2.8761e+01	7.0001e+00	5.4824e+00
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-3.4401e+01	8.2328e+00	1.6674e-01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-4.3717e+01	1.0447e+01	8.8487e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-2.9198e+01	-7.2476e+00	1.4164e+01
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	-2.3711e+01	1.0034e+01	2.3519e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-2.4518e+01	9.9474e+00	-3.0406e+00
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-3.2667e+01	1.0888e+01	-6.5503e-01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-2.5457e+01	5.6006e+00	4.7375e+00
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	-2.0945e+01	9.1484e+00	3.6263e-01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-2.2064e+01	9.3730e+00	-9.4565e-01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-2.3336e+01	9.7284e+00	-5.9870e-01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-2.2074e+01	9.1966e+00	7.0957e-01
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	-2.1147e+01	5.1755e+00	-2.6466e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-2.6991e+01	8.8336e+00	-2.1133e-01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-2.2330e+01	8.7702e+00	1.3344e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-2.1339e+01	9.0585e+00	-1.1008e+00
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	-2.2454e+01	-5.2276e+00	-8.8066e+00
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-3.3031e+01	6.7428e+00	-6.2606e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-2.7916e+01	5.9265e+00	-6.1051e-01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-2.2898e+01	5.5798e+00	-3.1565e+00
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	-1.6214e+01	-1.9061e+01	-4.8539e-01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-3.7506e+01	-2.4755e+01	-2.2448e+00
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-3.9986e+01	-1.9061e+01	-8.1406e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-1.6961e+01	-1.1903e+01	-6.3812e+00
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	-6.9852e+00	-1.0068e+01	6.3100e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-2.1540e+01	-1.2575e+01	9.2260e+00
	644	0.0000e+00	0.0000e+00	0.0000e+00	-1.7345e+01	-2.0972e+01	4.6355e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	-5.8294e+00	-1.3471e+01	1.7194e+00
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.1256e+01	-3.1491e-01	6.2459e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-2.2294e+01	3.0005e+00	8.5742e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-1.9697e+01	-5.7882e+00	1.0272e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-9.5819e+00	-6.1739e+00	7.9437e+00
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.2524e+01	5.2881e+00	3.6550e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.9396e+01	7.9281e+00	2.9583e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-2.1289e+01	6.3561e+00	6.3428e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.1909e+01	1.6180e+00	7.0394e+00

1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.1751e+01	5.7715e+00	3.7291e-01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-1.7827e+01	8.6347e+00	-4.3568e-01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.8840e+01	9.0053e+00	2.4931e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.2222e+01	5.4837e+00	3.3017e+00
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.0180e+01	2.3676e+00	-2.7303e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-1.7798e+01	5.7000e+00	-3.4116e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-1.7805e+01	7.6800e+00	-7.0815e-01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.1423e+01	5.1189e+00	-2.6806e-02
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	-7.5349e+00	-3.9033e+00	-3.3427e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-1.5389e+01	-4.0582e+00	-5.8509e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-1.8224e+01	3.0251e+00	-4.7641e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-9.3021e+00	5.0109e-01	-2.2559e+00
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	-4.3483e+00	-9.3531e+00	1.1920e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	-1.3434e+01	-1.4819e+01	-1.1082e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-1.6510e+01	-9.0335e+00	-4.5713e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-5.4935e+00	-6.9495e+00	-2.2711e+00
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	3.7045e+00	-5.5422e+00	3.6184e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-5.4145e+00	-7.5044e+00	5.1447e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	-3.1376e+00	-1.0816e+01	2.3517e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	4.2282e+00	-6.6898e+00	8.2531e-01
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	1.3576e+00	-1.5291e+00	4.6635e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-7.6818e+00	-1.7790e-01	6.7263e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-5.0199e+00	-5.2519e+00	6.7086e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	2.4805e+00	-3.8621e+00	4.6458e+00
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	-2.8514e-01	1.7314e+00	3.3214e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-8.2556e+00	4.2691e+00	4.2100e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-7.3280e+00	1.8087e+00	6.2334e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	4.1760e-01	-6.4774e-02	5.3448e+00
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	-5.0187e-01	2.4663e+00	9.9349e-01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-7.6590e+00	5.0492e+00	7.6571e-01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-8.0447e+00	5.1326e+00	3.3063e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-5.3408e-01	2.1770e+00	3.5341e+00
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	5.2270e-01	7.3711e-01	-7.8698e-01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-6.2168e+00	2.2662e+00	-1.9250e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-7.6140e+00	4.5562e+00	-1.3369e-02
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.6826e-01	1.9179e+00	1.1247e+00
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	2.3120e+00	-2.3696e+00	-5.7933e-01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-3.8927e+00	-3.3148e+00	-2.4301e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-6.3194e+00	8.0190e-01	-2.2165e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	1.3429e+00	-6.0893e-01	-3.6572e-01
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	3.7033e+00	-4.7357e+00	1.8562e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	-2.3213e+00	-7.4705e+00	6.4848e-01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-4.0635e+00	-4.9689e+00	-1.1447e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	3.2295e+00	-3.7946e+00	6.3061e-02
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.2575e+01	-2.4486e+00	2.2825e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	5.3949e+00	-3.7759e+00	2.9046e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	6.5111e+00	-5.0631e+00	1.1247e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	1.2600e+01	-2.5101e+00	5.0261e-01
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.1560e+01	-1.3427e+00	3.3942e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	3.9664e+00	-6.9479e-01	4.4739e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	5.5403e+00	-3.1140e+00	4.1840e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.1967e+01	-1.8341e+00	3.1043e+00
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.0518e+01	-1.3887e-01	2.7450e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	3.1002e+00	1.6443e+00	3.5211e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	4.1190e+00	6.4101e-02	4.6762e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.0923e+01	-6.7081e-01	3.9001e+00
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	9.9784e+00	3.1128e-01	1.2652e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	3.1154e+00	2.0914e+00	1.4144e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	3.1573e+00	2.0645e+00	3.1252e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.0210e+01	1.1486e-01	2.9761e+00
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.0057e+01	-1.9670e-01	1.9994e-01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	3.8957e+00	5.7916e-01	-2.4363e-01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	3.0661e+00	1.9992e+00	1.0138e+00

	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.0073e+01	3.3932e-02	1.4574e+00
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.0511e+01	-1.3001e+00	4.3764e-01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	4.9915e+00	-2.0028e+00	-2.7232e-01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	3.7738e+00	1.1249e-01	-1.4794e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.0426e+01	-8.6143e-01	5.6202e-01
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	1.0732e+01	-2.2378e+00	1.9032e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	5.6188e+00	-3.7244e+00	1.5575e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	4.8802e+00	-2.4724e+00	6.3478e-01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.0836e+01	-1.9475e+00	9.8053e-01
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	2.1207e+01	-1.5060e-01	2.0136e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.4374e+01	-1.0849e+00	1.9726e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	1.4781e+01	-1.2969e+00	6.5661e-01
	600	0.0000e+00	0.0000e+00	0.0000e+00	2.0725e+01	6.3757e-01	6.9767e-01
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.1103e+01	-1.0706e+00	2.9304e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.3937e+01	-5.0079e-01	3.1641e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.4604e+01	-1.1790e+00	3.0030e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	2.0864e+01	-2.5776e-01	2.7692e+00
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	2.0517e+01	-1.3960e+00	2.2419e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.3477e+01	5.4987e-02	2.6704e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.4110e+01	-4.5965e-01	3.6243e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.0670e+01	-1.0882e+00	3.1958e+00
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	1.9706e+01	-1.2193e+00	8.7913e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.3155e+01	1.8160e-01	1.3187e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.3457e+01	1.9788e-01	2.6933e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	2.0211e+01	-1.3979e+00	2.2537e+00
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	1.8906e+01	-8.2017e-01	-6.2786e-02
	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.3001e+01	-2.5025e-01	2.8713e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.2947e+01	3.3165e-01	1.2807e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	1.9601e+01	-1.2645e+00	9.3083e-01
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	1.8201e+01	-4.9495e-01	1.0710e-01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.2871e+01	-1.0038e+00	4.0584e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.2688e+01	-1.4202e-01	5.3593e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	1.8932e+01	-9.3446e-01	2.3719e-01
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	1.7547e+01	-5.7483e-01	1.2985e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.2578e+01	-1.5641e+00	1.6476e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.2589e+01	-9.4054e-01	1.0586e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	1.8177e+01	-6.4593e-01	7.0956e-01
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	3.0683e+01	1.7785e+00	2.6620e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	2.3136e+01	1.0877e+00	2.0043e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	2.3042e+01	1.7724e+00	7.8258e-01
	589	0.0000e+00	0.0000e+00	0.0000e+00	2.9570e+01	3.7450e+00	1.4402e+00
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	3.1053e+01	-1.3832e+00	3.0652e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.3593e+01	-4.0727e-01	2.6863e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	2.3626e+01	3.4693e-01	2.9395e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	3.0325e+01	7.7088e-01	3.3184e+00
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	3.0328e+01	-2.9102e+00	1.5698e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	2.3478e+01	-1.3132e+00	1.9203e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.3839e+01	-8.6378e-01	3.2354e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	3.0611e+01	-2.1336e+00	2.8849e+00
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	2.9028e+01	-2.8020e+00	-2.4237e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	2.2777e+01	-1.3495e+00	5.7017e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	2.3340e+01	-1.2817e+00	2.0911e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	2.9956e+01	-3.1448e+00	1.2785e+00
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	2.7526e+01	-1.5138e+00	-1.4048e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	2.1728e+01	-8.2297e-01	-3.7388e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	2.2359e+01	-9.6954e-01	6.6964e-01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	2.8787e+01	-2.5536e+00	-3.6132e-01
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	2.5908e+01	3.0765e-01	-1.3315e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	2.0507e+01	-1.7346e-01	-1.8473e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	2.1141e+01	-2.6484e-01	-6.2103e-02
	1031	0.0000e+00	0.0000e+00	0.0000e+00	2.7378e+01	-1.0133e+00	-1.2089e+00
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	2.4633e+01	1.0852e+00	1.1947e-01
	493	0.0000e+00	0.0000e+00	0.0000e+00	1.9351e+01	6.2399e-02	1.0389e+00

	1036	0.0000e+00	0.0000e+00	0.0000e+00	1.9948e+01	2.8898e-01	3.6547e-01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	2.5723e+01	7.3439e-01	-5.5400e-01
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	4.2312e+01	3.3892e+00	4.1181e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	3.2733e+01	3.0416e+00	2.8131e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	3.2230e+01	5.0917e+00	1.4975e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	4.0420e+01	7.6119e+00	2.8026e+00
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	4.1687e+01	-3.1401e+00	2.8246e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	3.3974e+01	-1.2632e+00	2.5034e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	3.3719e+01	1.3556e+00	3.8518e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	4.1352e+01	2.9292e-01	4.1730e+00
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	3.9158e+01	-4.9095e+00	-2.2886e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	3.3531e+01	-3.3361e+00	9.8649e-01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	3.4005e+01	-1.9098e+00	2.9991e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	4.0914e+01	-4.7239e+00	1.7838e+00
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	3.7100e+01	-4.4643e+00	-2.0423e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	3.2060e+01	-3.0776e+00	-6.9606e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	3.3035e+01	-3.1140e+00	9.1524e-01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	3.8596e+01	-5.2399e+00	-4.3105e-01
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	3.5803e+01	-2.6030e+00	-3.1379e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	3.0318e+01	-1.4329e+00	-1.9452e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	3.1500e+01	-2.5001e+00	-7.8088e-01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	3.6809e+01	-3.8682e+00	-1.9736e+00
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	3.4008e+01	1.0768e+00	-3.4933e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	2.8348e+01	7.7473e-01	-1.8814e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	2.9588e+01	-5.3290e-01	-1.6262e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	3.5725e+01	-1.3913e+00	-3.2382e+00
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	3.2684e+01	3.6801e+00	-1.4122e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	2.6300e+01	1.9788e+00	-7.6833e-02
	1030	0.0000e+00	0.0000e+00	0.0000e+00	2.7379e+01	1.7900e+00	-1.2619e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	3.4055e+01	2.6722e+00	-2.5972e+00
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	5.9477e+01	4.8840e+00	4.7280e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	4.4392e+01	4.3424e+00	3.9513e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	4.4057e+01	9.8139e+00	3.1493e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	5.8387e+01	1.1021e+01	3.9260e+00
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	4.9568e+01	-6.4576e+00	-2.5662e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	4.5679e+01	-5.1088e+00	1.0509e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	4.6418e+01	1.0891e+00	5.5013e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	5.5466e+01	-7.2639e+00	1.8842e+00
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	4.3005e+01	-6.5523e+00	-4.7184e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	4.2097e+01	-6.0700e+00	-9.6056e-01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	4.3808e+01	-4.2995e+00	6.7499e-01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	4.8189e+01	-7.3827e+00	-3.0829e+00
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	4.0406e+01	-5.0759e+00	-3.8076e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	3.9297e+01	-4.6811e+00	-2.0606e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	4.0734e+01	-5.2121e+00	-1.7975e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	4.2175e+01	-5.3910e+00	-3.5444e+00
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	4.1455e+01	-3.9423e+00	-3.0620e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	3.7997e+01	-2.1738e+00	-3.2018e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	3.8902e+01	-4.2767e+00	-2.7030e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	4.0293e+01	-3.5956e+00	-2.5632e+00
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	4.3386e+01	-2.3449e+00	-4.3291e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	3.7288e+01	1.9356e+00	-4.7548e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	3.8005e+01	-1.9808e+00	-3.2487e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	4.1888e+01	-9.8365e-01	-2.8230e+00
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	4.5275e+01	5.8858e+00	-2.3905e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	3.4213e+01	5.3784e+00	-1.7343e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	3.5097e+01	3.9695e+00	-3.6728e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	4.5595e+01	7.6881e+00	-4.3290e+00
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	6.1424e+01	-2.0380e+01	-3.2609e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	7.8472e+01	-3.9906e+00	-3.3786e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	5.0236e+01	1.8653e+01	1.1822e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.4329e+02	1.9041e+00	-1.7408e+01
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	4.2248e+01	-3.0074e+00	-1.7669e+01

	1020	0.0000e+00	0.0000e+00	0.0000e+00	5.2738e+01	-1.1690e+01	-3.8174e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	6.8225e+01	-3.8552e+00	-5.5494e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	5.2176e+01	-8.7616e+00	-1.9401e+01
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	3.4791e+01	9.3806e-01	-1.0075e+01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	4.1901e+01	-6.8947e+00	-4.2100e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	4.8818e+01	-6.8455e+00	-7.6079e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	3.8636e+01	-7.2708e+00	-1.3473e+01
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	3.2829e+01	2.8209e+00	-3.7176e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	3.8874e+01	-4.2703e+00	-2.1475e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	4.1268e+01	-5.3361e+00	-5.6478e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	3.3316e+01	-4.7966e+00	-7.2179e+00
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	3.5524e+01	4.0326e+00	2.4334e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	4.1367e+01	-2.4196e+00	2.2853e-01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	3.9906e+01	-4.2161e+00	-3.2222e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	3.2939e+01	-3.1459e+00	-1.0173e+00
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	4.4981e+01	6.3690e+00	8.6279e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	5.1741e+01	1.5917e+00	7.0462e-01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	4.4755e+01	-4.6180e+00	-1.9478e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	3.7429e+01	-3.6129e+00	5.9754e+00
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	1.0707e+02	1.9031e+01	1.2280e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	3.4722e+01	1.2408e+01	-5.1554e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	5.8654e+01	3.6165e+00	5.8074e-01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	5.1146e+01	-1.5511e+01	1.8016e+01
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	7.6834e+01	6.7913e+00	4.4559e+00
	1011	0.0000e+00	0.0000e+00	0.0000e+00	3.5844e+01	-4.0140e+01	5.4617e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	1.9804e+02	5.6197e+01	3.9484e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	6.6719e+00	4.2253e+01	-1.0676e+01
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.2241e+01	-1.3827e+01	6.5268e-01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	2.0439e+01	-5.7254e+00	1.5022e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	1.9555e+01	7.1259e+00	2.1998e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	5.9490e+01	1.8948e-02	7.6291e+00
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.1479e+01	-8.8243e+00	1.8968e-01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	1.3945e+01	-3.9770e+00	4.6179e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	1.7354e+01	7.5608e-01	1.0551e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	2.6196e+01	-7.3301e+00	6.1225e+00
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.1782e+01	-8.9924e+00	-4.3235e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	1.3383e+01	-2.0381e+00	-5.1417e+00
	1009	0.0000e+00	0.0000e+00	0.0000e+00	1.3174e+01	-2.4453e+00	7.5098e-01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.0489e+01	-8.3371e+00	1.5692e+00
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.1541e+01	-9.6167e+00	-9.5323e+00
	1007	0.0000e+00	0.0000e+00	0.0000e+00	1.9537e+01	9.0430e-01	-1.6374e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	1.4883e+01	-5.3432e+00	-9.4734e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.3641e+01	-9.8653e+00	-2.6318e+00
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	7.8449e+01	-2.3557e+00	-1.0958e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	2.1855e+01	7.1663e+00	-3.0922e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	2.3786e+01	-8.5418e+00	-2.1908e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.9887e+01	-1.8670e+01	-1.9440e+00
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	1.1784e+01	5.6502e+01	2.1451e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	2.6487e+02	5.7860e+01	-4.9516e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	4.2517e+01	-5.5670e+01	-7.6166e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	1.0392e+02	3.7845e+00	-5.1988e+00
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	1.6961e+01	1.1902e+01	-6.3809e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	3.9986e+01	1.9061e+01	-8.1404e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	3.7505e+01	2.4755e+01	-2.2446e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.6214e+01	1.9061e+01	-4.8512e-01
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	2.2898e+01	-5.5798e+00	-3.1563e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	2.7916e+01	-5.9265e+00	-6.1034e-01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	3.3031e+01	-6.7428e+00	-6.2604e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	2.2454e+01	5.2275e+00	-8.8063e+00
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	2.1340e+01	-9.0584e+00	-1.1005e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.2330e+01	-8.7701e+00	1.3346e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	2.6991e+01	-8.8335e+00	-2.1117e-01
	998	0.0000e+00	0.0000e+00	0.0000e+00	2.1147e+01	-5.1755e+00	-2.6463e+00

1602	996	0.0000e+00	0.0000e+00	0.0000e+00	2.2074e+01	-9.1966e+00	7.0975e-01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.3336e+01	-9.7282e+00	-5.9866e-01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.2064e+01	-9.3729e+00	-9.4554e-01
	997	0.0000e+00	0.0000e+00	0.0000e+00	2.0945e+01	-9.1484e+00	3.6287e-01
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	2.5457e+01	-5.6005e+00	4.7376e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.2667e+01	-1.0887e+01	-6.5511e-01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.4519e+01	-9.9472e+00	-3.0406e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	2.3711e+01	-1.0034e+01	2.3521e+00
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	2.9199e+01	7.2477e+00	1.4164e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	4.3718e+01	-1.0446e+01	8.8485e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.4402e+01	-8.2326e+00	1.6663e-01
	995	0.0000e+00	0.0000e+00	0.0000e+00	2.8761e+01	-7.0000e+00	5.4824e+00
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	2.1817e+01	2.6486e+01	4.0546e+00
	314	0.0000e+00	0.0000e+00	0.0000e+00	4.9329e+01	3.4109e+01	6.5546e+00
	1000	0.0000e+00	0.0000e+00	0.0000e+00	5.3355e+01	2.2961e+01	1.3260e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	2.2378e+01	1.5967e+01	1.0760e+01
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	5.4939e+00	6.9494e+00	-2.2706e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	1.6510e+01	9.0335e+00	-4.5710e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.3434e+01	1.4818e+01	-1.1079e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	4.3486e+00	9.3530e+00	1.1924e+00
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	9.3026e+00	-5.0112e-01	-2.2554e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	1.8225e+01	-3.0251e+00	-4.7638e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	1.5389e+01	4.0581e+00	-5.8506e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	7.5353e+00	3.9033e+00	-3.3422e+00
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	1.1424e+01	-5.1189e+00	-2.6360e-02
	997	0.0000e+00	0.0000e+00	0.0000e+00	1.7805e+01	-7.6800e+00	-7.0785e-01
	998	0.0000e+00	0.0000e+00	0.0000e+00	1.7799e+01	-5.7000e+00	-3.4113e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	1.0180e+01	-2.3676e+00	-2.7298e+00
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	1.2223e+01	-5.4837e+00	3.3021e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	1.8841e+01	-9.0052e+00	2.4934e+00
	997	0.0000e+00	0.0000e+00	0.0000e+00	1.7828e+01	-8.6347e+00	-4.3538e-01
	991	0.0000e+00	0.0000e+00	0.0000e+00	1.1752e+01	-5.7715e+00	3.7337e-01
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	1.1910e+01	-1.6180e+00	7.0398e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	2.1290e+01	-6.3560e+00	6.3429e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	1.9396e+01	-7.9280e+00	2.9586e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	1.2525e+01	-5.2881e+00	3.6554e+00
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	9.5834e+00	6.1740e+00	7.9439e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	1.9698e+01	5.7884e+00	1.0272e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	2.2295e+01	-3.0004e+00	8.5744e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	1.1258e+01	3.1492e-01	6.2463e+00
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	5.8312e+00	1.3472e+01	1.7196e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	1.7347e+01	2.0972e+01	4.6355e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	2.1541e+01	1.2575e+01	9.2261e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	6.9868e+00	1.0068e+01	6.3102e+00
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	-3.2288e+00	3.7946e+00	6.3674e-02
	993	0.0000e+00	0.0000e+00	0.0000e+00	4.0640e+00	4.9689e+00	-1.1442e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	2.3217e+00	7.4705e+00	6.4893e-01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-3.7027e+00	4.7358e+00	1.8568e+00
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.3419e+00	6.0895e-01	-3.6505e-01
	992	0.0000e+00	0.0000e+00	0.0000e+00	6.3201e+00	-8.0189e-01	-2.2159e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	3.8933e+00	3.3147e+00	-2.4296e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	-2.3112e+00	2.3696e+00	-5.7867e-01
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	1.6945e-01	-1.9180e+00	1.1254e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	7.6149e+00	-4.5562e+00	-1.2841e-02
	992	0.0000e+00	0.0000e+00	0.0000e+00	6.2175e+00	-2.2662e+00	-1.9245e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-5.2170e-01	-7.3710e-01	-7.8626e-01
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	5.3554e-01	-2.1771e+00	3.5348e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	8.0459e+00	-5.1326e+00	3.3068e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	7.6600e+00	-5.0492e+00	7.6625e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	5.0313e-01	-2.4663e+00	9.9422e-01
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	-4.1585e-01	6.4710e-02	5.3455e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	7.3293e+00	-1.8086e+00	6.2338e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	8.2569e+00	-4.2691e+00	4.2105e+00

	984	0.0000e+00	0.0000e+00	0.0000e+00	2.8668e-01	-1.7315e+00	3.3221e+00
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	-2.4785e+00	3.8621e+00	4.6464e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	5.0216e+00	5.2520e+00	6.7089e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	7.6833e+00	1.7790e-01	6.7267e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.3557e+00	1.5290e+00	4.6642e+00
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	-4.2259e+00	6.6899e+00	8.2578e-01
	294	0.0000e+00	0.0000e+00	0.0000e+00	3.1395e+00	1.0817e+01	2.3519e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	5.4163e+00	7.5045e+00	5.1451e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	-3.7024e+00	5.5421e+00	3.6189e+00
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.0835e+01	1.9477e+00	9.8138e-01
	987	0.0000e+00	0.0000e+00	0.0000e+00	-4.8794e+00	2.4725e+00	6.3547e-01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-5.6181e+00	3.7244e+00	1.5581e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.0731e+01	2.2379e+00	1.9040e+00
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.0425e+01	8.6153e-01	5.6297e-01
	986	0.0000e+00	0.0000e+00	0.0000e+00	-3.7728e+00	-1.1242e-01	-1.4718e-01
	987	0.0000e+00	0.0000e+00	0.0000e+00	-4.9907e+00	2.0029e+00	-2.7160e-01
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.0510e+01	1.3002e+00	4.3854e-01
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.0071e+01	-3.3899e-02	1.4584e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	-3.0649e+00	-1.9992e+00	1.0146e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-3.8946e+00	-5.7913e-01	-2.4285e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.0056e+01	1.9677e-01	2.0094e-01
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.0208e+01	-1.1491e-01	2.9771e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	-3.1557e+00	-2.0645e+00	3.1260e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	-3.1140e+00	-2.0914e+00	1.4152e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-9.9768e+00	-3.1128e-01	1.2663e+00
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.0920e+01	6.7067e-01	3.9011e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	-4.1171e+00	-6.4151e-02	4.6770e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	-3.0985e+00	-1.6444e+00	3.5219e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.0516e+01	1.3878e-01	2.7461e+00
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.1965e+01	1.8339e+00	3.1052e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	-5.5381e+00	3.1139e+00	4.1846e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	-3.9644e+00	6.9471e-01	4.4746e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.1558e+01	1.3425e+00	3.3952e+00
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.2597e+01	2.5100e+00	5.0335e-01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-6.5087e+00	5.0631e+00	1.1252e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	-5.3926e+00	3.7758e+00	2.9053e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.2572e+01	2.4485e+00	2.2834e+00
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	-1.8175e+01	6.4620e-01	7.1068e-01
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.2588e+01	9.4072e-01	1.0595e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.2577e+01	1.5643e+00	1.6484e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.7546e+01	5.7509e-01	1.2996e+00
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	-1.8931e+01	9.3469e-01	2.3846e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.2686e+01	1.4217e-01	5.3698e-01
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.2870e+01	1.0039e+00	4.0681e-01
	975	0.0000e+00	0.0000e+00	0.0000e+00	-1.8200e+01	4.9519e-01	1.0829e-01
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	-1.9599e+01	1.2646e+00	9.3221e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.2946e+01	-3.3157e-01	1.2819e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.2999e+01	2.5035e-01	2.8821e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	-1.8904e+01	8.2035e-01	-6.1463e-02
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.0209e+01	1.3979e+00	2.2552e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.3455e+01	-1.9791e-01	2.6945e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.3153e+01	-1.8159e-01	1.3199e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-1.9704e+01	1.2193e+00	8.8056e-01
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.0668e+01	1.0880e+00	3.1972e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.4108e+01	4.5951e-01	3.6254e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.3475e+01	-5.5085e-02	2.6715e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.0515e+01	1.3959e+00	2.2434e+00
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.0861e+01	2.5740e-01	2.7705e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.4602e+01	1.1788e+00	3.0040e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.3934e+01	5.0059e-01	3.1653e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.1100e+01	1.0703e+00	2.9318e+00
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.0721e+01	-6.3789e-01	6.9867e-01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.4778e+01	1.2968e+00	6.5741e-01

	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.4371e+01	1.0847e+00	1.9735e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.1204e+01	1.5020e-01	2.0148e+00
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	-2.5722e+01	-7.3394e-01	-5.5261e-01
	975	0.0000e+00	0.0000e+00	0.0000e+00	-1.9947e+01	-2.8866e-01	3.6669e-01
	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.9350e+01	-6.2090e-02	1.0401e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	-2.4632e+01	-1.0848e+00	1.2076e-01
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	-2.7376e+01	1.0137e+00	-1.2073e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.1140e+01	2.6512e-01	-6.0729e-02
	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.0506e+01	1.7376e-01	-1.8347e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-2.5907e+01	-3.0723e-01	-1.3300e+00
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	-2.8785e+01	2.5538e+00	-3.5957e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.2357e+01	9.6970e-01	6.7114e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.1727e+01	8.2320e-01	-3.7248e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-2.7524e+01	1.5142e+00	-1.4032e+00
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	-2.9954e+01	3.1448e+00	1.2804e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.3337e+01	1.2817e+00	2.0926e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.2775e+01	1.3495e+00	5.7169e-01
	967	0.0000e+00	0.0000e+00	0.0000e+00	-2.9026e+01	2.8021e+00	-2.4058e-01
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	-3.0608e+01	2.1333e+00	2.8867e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.3836e+01	8.6354e-01	3.2369e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.3476e+01	1.3130e+00	1.9219e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-3.0326e+01	2.9101e+00	1.5717e+00
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.0322e+01	-7.7152e-01	3.3201e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.3623e+01	-3.4735e-01	2.9409e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.3591e+01	4.0692e-01	2.6878e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-3.1050e+01	1.3828e+00	3.0670e+00
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.9567e+01	-3.7458e+00	1.4415e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.3039e+01	-1.7729e+00	7.8363e-01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.3133e+01	-1.0882e+00	2.0056e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.0680e+01	-1.7792e+00	2.6635e+00
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	-3.4054e+01	-2.6715e+00	-2.5956e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	-2.7378e+01	-1.7895e+00	-1.2604e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	-2.6299e+01	-1.9783e+00	-7.5486e-02
	344	0.0000e+00	0.0000e+00	0.0000e+00	-3.2683e+01	-3.6795e+00	-1.4107e+00
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	-3.5724e+01	1.3919e+00	-3.2364e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	-2.9586e+01	5.3335e-01	-1.6246e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	-2.8347e+01	-7.7424e-01	-1.8799e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	-3.4006e+01	-1.0762e+00	-3.4917e+00
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	-3.6807e+01	3.8687e+00	-1.9716e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.1499e+01	2.5004e+00	-7.7903e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-3.0317e+01	1.4333e+00	-1.9435e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-3.5801e+01	2.6036e+00	-3.1360e+00
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	-3.8594e+01	5.2401e+00	-4.2885e-01
	966	0.0000e+00	0.0000e+00	0.0000e+00	-3.3033e+01	3.1140e+00	9.1722e-01
	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.2058e+01	3.0778e+00	-6.9419e-01
	961	0.0000e+00	0.0000e+00	0.0000e+00	-3.7099e+01	4.4647e+00	-2.0403e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	-4.0912e+01	4.7236e+00	1.7860e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-3.4003e+01	1.9094e+00	3.0011e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-3.3529e+01	3.3360e+00	9.8845e-01
	960	0.0000e+00	0.0000e+00	0.0000e+00	-3.9156e+01	4.9095e+00	-2.2663e-01
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	-4.1349e+01	-2.9394e-01	4.1751e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.3717e+01	-1.3563e+00	3.8536e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-3.3971e+01	1.2627e+00	2.5053e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	-4.1685e+01	3.1395e+00	2.8269e+00
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	-4.0418e+01	-7.6133e+00	2.8041e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	-3.2227e+01	-5.0926e+00	1.4988e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.2730e+01	-3.0425e+00	2.8147e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	-4.2309e+01	-3.3905e+00	4.1200e+00
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	-4.5595e+01	-7.6872e+00	-4.3273e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	-3.5096e+01	-3.9688e+00	-3.6711e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	-3.4212e+01	-5.3777e+00	-1.7328e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	-4.5275e+01	-5.8850e+00	-2.3889e+00
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	-4.1888e+01	9.8456e-01	-2.8211e+00



	962	0.0000e+00	0.0000e+00	0.0000e+00	-3.8004e+01	1.9815e+00	-3.2468e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	-3.7287e+01	-1.9349e+00	-4.7531e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	-4.3386e+01	2.3458e+00	-4.3274e+00
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	-4.0292e+01	3.5963e+00	-2.5611e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-3.8901e+01	4.2771e+00	-2.7009e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-3.7995e+01	2.1744e+00	-3.1999e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-4.1455e+01	3.9430e+00	-3.0601e+00
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	-4.2174e+01	5.3914e+00	-3.5421e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	-4.0733e+01	5.2122e+00	-1.7952e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-3.9296e+01	4.6815e+00	-2.0585e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-4.0406e+01	5.0763e+00	-3.8055e+00
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	-4.8189e+01	7.3827e+00	-3.0804e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	-4.3806e+01	4.2991e+00	6.7738e-01
	960	0.0000e+00	0.0000e+00	0.0000e+00	-4.2095e+01	6.0700e+00	-9.5832e-01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-4.3005e+01	6.5522e+00	-4.7161e+00
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	-5.5466e+01	7.2629e+00	1.8866e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	-4.6416e+01	-1.0904e+00	5.5036e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	-4.5678e+01	5.1082e+00	1.0532e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	-4.9568e+01	6.4567e+00	-2.5638e+00
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	-5.8387e+01	-1.1023e+01	3.9276e+00
	244	0.0000e+00	0.0000e+00	0.0000e+00	-4.4055e+01	-9.8157e+00	3.1508e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	-4.4390e+01	-4.3439e+00	3.9533e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	-5.9477e+01	-4.8862e+00	4.7302e+00
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	-5.1146e+01	1.5512e+01	1.8018e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-5.8654e+01	-3.6157e+00	5.8243e-01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-3.4721e+01	-1.2407e+01	-5.1538e+00
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0707e+02	-1.9030e+01	1.2281e+01
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	-3.7429e+01	3.6136e+00	5.9772e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-4.4755e+01	4.6189e+00	-1.9460e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	-5.1740e+01	-1.5908e+00	7.0632e-01
	957	0.0000e+00	0.0000e+00	0.0000e+00	-4.4982e+01	-6.3676e+00	8.6295e+00
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	-3.2940e+01	3.1460e+00	-1.0155e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-3.9906e+01	4.2168e+00	-3.2203e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-4.1366e+01	2.4205e+00	2.3037e-01
	955	0.0000e+00	0.0000e+00	0.0000e+00	-3.5524e+01	-4.0311e+00	2.4351e+00
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-3.3317e+01	4.7958e+00	-7.2162e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	-4.1268e+01	5.3364e+00	-5.6459e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-3.8874e+01	4.2709e+00	-2.1456e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	-3.2830e+01	-2.8192e+00	-3.7159e+00
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-3.8638e+01	7.2687e+00	-1.3471e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-4.8818e+01	6.8451e+00	-7.6059e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	-4.1902e+01	6.8949e+00	-4.2080e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	-3.4792e+01	-9.3625e-01	-1.0073e+01
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-5.2180e+01	8.7577e+00	-1.9399e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	-6.8226e+01	3.8536e+00	-5.5475e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	-5.2739e+01	1.1689e+01	-3.8155e+00
	949	0.0000e+00	0.0000e+00	0.0000e+00	-4.2250e+01	3.0092e+00	-1.7668e+01
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4330e+02	-1.9107e+00	-1.7407e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-5.0235e+01	-1.8656e+01	1.1824e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	-7.8473e+01	3.9883e+00	-3.3772e+00
	947	0.0000e+00	0.0000e+00	0.0000e+00	-6.1427e+01	2.0382e+01	-3.2608e+01
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	-3.1130e+01	2.7903e+00	-1.4863e+00
	945	0.0000e+00	0.0000e+00	0.0000e+00	-1.1136e+01	1.5940e+01	-2.5074e+01
	18	0.0000e+00	0.0000e+00	0.0000e+00	-8.2708e+01	-1.1326e+01	-1.4482e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-6.8970e+00	-1.9288e+01	9.1058e+00
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	-9.8288e+00	5.1746e+00	-1.5048e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	-5.3435e+00	2.7877e+00	-7.5073e+00
	945	0.0000e+00	0.0000e+00	0.0000e+00	-5.5728e+00	-1.1178e+00	-1.0511e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-2.1646e+01	2.4823e+00	-4.5086e+00
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	-4.5836e+00	2.2993e+00	-1.9675e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	-2.7317e+00	1.4981e+00	-4.0342e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	-3.8946e+00	1.1813e-01	-5.7869e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	-7.5684e+00	2.8103e+00	-3.7202e+00

1665 935 0.0000e+00 0.0000e+00 0.0000e+00 -2.5227e+00 1.3802e+00 -1.2719e+00  
942 0.0000e+00 0.0000e+00 0.0000e+00 -1.8486e+00 7.9141e-01 -2.1221e+00  
943 0.0000e+00 0.0000e+00 0.0000e+00 -2.1154e+00 4.5212e-01 -3.1583e+00  
936 0.0000e+00 0.0000e+00 0.0000e+00 -3.9623e+00 1.9286e+00 -2.3081e+00

1666 934 0.0000e+00 0.0000e+00 0.0000e+00 -1.6149e+00 6.7479e-01 -7.0941e-01  
941 0.0000e+00 0.0000e+00 0.0000e+00 -1.4540e+00 3.2422e-01 -1.1188e+00  
942 0.0000e+00 0.0000e+00 0.0000e+00 -1.5823e+00 3.6427e-01 -1.7145e+00  
935 0.0000e+00 0.0000e+00 0.0000e+00 -2.3082e+00 1.2011e+00 -1.3051e+00

1667 933 0.0000e+00 0.0000e+00 0.0000e+00 -1.1684e+00 -8.8215e-02 -3.5833e-01  
940 0.0000e+00 0.0000e+00 0.0000e+00 -1.3489e+00 -2.4256e-01 -5.4816e-01  
941 0.0000e+00 0.0000e+00 0.0000e+00 -1.3398e+00 7.1496e-02 -8.6481e-01  
934 0.0000e+00 0.0000e+00 0.0000e+00 -1.5585e+00 5.4827e-01 -6.7498e-01

1668 932 0.0000e+00 0.0000e+00 0.0000e+00 -9.1086e-01 -1.3093e+00 -1.7350e-01  
939 0.0000e+00 0.0000e+00 0.0000e+00 -1.5056e+00 -1.3244e+00 -2.4380e-01  
940 0.0000e+00 0.0000e+00 0.0000e+00 -1.3653e+00 -4.6233e-01 -3.8002e-01  
933 0.0000e+00 0.0000e+00 0.0000e+00 -1.1923e+00 -2.0599e-01 -3.0972e-01

1669 861 0.0000e+00 0.0000e+00 0.0000e+00 1.6795e+00 -9.7320e-01 2.8886e+00  
17 0.0000e+00 0.0000e+00 0.0000e+00 -1.8194e+00 -8.3917e+00 1.7884e+00  
939 0.0000e+00 0.0000e+00 0.0000e+00 -2.1334e+00 -2.8117e-01 -6.4138e-01  
932 0.0000e+00 0.0000e+00 0.0000e+00 -2.1453e-01 -2.8569e+00 4.5887e-01

1670 931 0.0000e+00 0.0000e+00 0.0000e+00 -7.2446e+00 -5.0293e+00 3.5789e+00  
938 0.0000e+00 0.0000e+00 0.0000e+00 -1.6885e+01 -4.2506e+00 4.6943e+00  
538 0.0000e+00 0.0000e+00 0.0000e+00 -1.5210e+01 -1.2270e+01 3.2763e+00  
527 0.0000e+00 0.0000e+00 0.0000e+00 -6.6810e+00 -8.6648e+00 2.1608e+00

1671 930 0.0000e+00 0.0000e+00 0.0000e+00 -8.0495e+00 2.6047e+00 1.6785e+00  
937 0.0000e+00 0.0000e+00 0.0000e+00 -8.9391e+00 2.9530e+00 -1.1393e+00  
938 0.0000e+00 0.0000e+00 0.0000e+00 -1.3597e+01 3.8652e+00 2.0392e+00  
931 0.0000e+00 0.0000e+00 0.0000e+00 -9.0462e+00 -2.1217e+00 4.8570e+00

1672 929 0.0000e+00 0.0000e+00 0.0000e+00 -4.9928e+00 2.5022e+00 5.3231e-01  
936 0.0000e+00 0.0000e+00 0.0000e+00 -4.9454e+00 2.5279e+00 -1.8065e+00  
937 0.0000e+00 0.0000e+00 0.0000e+00 -8.2325e+00 2.8344e+00 -1.1289e+00  
930 0.0000e+00 0.0000e+00 0.0000e+00 -6.3994e+00 1.5097e+00 1.2099e+00

1673 928 0.0000e+00 0.0000e+00 0.0000e+00 -2.8634e+00 1.8371e+00 1.5167e-01  
935 0.0000e+00 0.0000e+00 0.0000e+00 -2.8676e+00 1.6816e+00 -1.1798e+00  
936 0.0000e+00 0.0000e+00 0.0000e+00 -4.3076e+00 1.9509e+00 -1.2142e+00  
929 0.0000e+00 0.0000e+00 0.0000e+00 -4.0956e+00 1.8640e+00 1.1726e-01

1674 927 0.0000e+00 0.0000e+00 0.0000e+00 -1.6126e+00 1.0538e+00 1.1061e-01  
934 0.0000e+00 0.0000e+00 0.0000e+00 -1.7552e+00 9.2008e-01 -6.5898e-01  
935 0.0000e+00 0.0000e+00 0.0000e+00 -2.4969e+00 1.2311e+00 -8.1399e-01  
928 0.0000e+00 0.0000e+00 0.0000e+00 -2.4153e+00 1.4063e+00 -4.4397e-02

1675 926 0.0000e+00 0.0000e+00 0.0000e+00 -7.6503e-01 2.5613e-01 2.3312e-01  
933 0.0000e+00 0.0000e+00 0.0000e+00 -1.0643e+00 1.3568e-01 -3.0345e-01  
934 0.0000e+00 0.0000e+00 0.0000e+00 -1.5412e+00 5.3962e-01 -4.5597e-01  
927 0.0000e+00 0.0000e+00 0.0000e+00 -1.3649e+00 7.2315e-01 8.0607e-02

1676 925 0.0000e+00 0.0000e+00 0.0000e+00 -1.3553e-01 -3.8686e-01 7.2079e-01  
932 0.0000e+00 0.0000e+00 0.0000e+00 -7.4328e-02 -8.9636e-01 1.0747e-01  
933 0.0000e+00 0.0000e+00 0.0000e+00 -9.4601e-01 -3.4858e-01 -2.7048e-01  
926 0.0000e+00 0.0000e+00 0.0000e+00 -4.9471e-01 -1.0476e-01 3.4284e-01

1677 853 0.0000e+00 0.0000e+00 0.0000e+00 2.0132e-01 -3.2440e-01 1.4146e+00  
861 0.0000e+00 0.0000e+00 0.0000e+00 -2.6937e-01 -3.2905e-01 1.4828e+00  
932 0.0000e+00 0.0000e+00 0.0000e+00 -1.1571e-01 -1.9189e+00 8.3060e-01  
925 0.0000e+00 0.0000e+00 0.0000e+00 1.8452e-01 -6.2363e-01 7.6240e-01

1678 924 0.0000e+00 0.0000e+00 0.0000e+00 -1.8998e+00 -3.5787e+00 2.9061e+00  
931 0.0000e+00 0.0000e+00 0.0000e+00 -6.6081e+00 -4.1495e+00 3.7430e+00  
527 0.0000e+00 0.0000e+00 0.0000e+00 -5.2369e+00 -7.0371e+00 2.3365e+00  
516 0.0000e+00 0.0000e+00 0.0000e+00 -1.5915e+00 -4.8047e+00 1.4997e+00

1679 923 0.0000e+00 0.0000e+00 0.0000e+00 -3.0690e+00 -1.6110e-01 2.6712e+00  
930 0.0000e+00 0.0000e+00 0.0000e+00 -5.9983e+00 1.0496e+00 2.9445e+00  
931 0.0000e+00 0.0000e+00 0.0000e+00 -5.6923e+00 -1.6609e+00 3.8101e+00  
924 0.0000e+00 0.0000e+00 0.0000e+00 -2.8265e+00 -2.1755e+00 3.5368e+00

1680 922 0.0000e+00 0.0000e+00 0.0000e+00 -2.7406e+00 1.3511e+00 1.8635e+00  
929 0.0000e+00 0.0000e+00 0.0000e+00 -4.0493e+00 1.8936e+00 1.0033e+00  
930 0.0000e+00 0.0000e+00 0.0000e+00 -5.5426e+00 1.6990e+00 2.0426e+00

	923	0.0000e+00	0.0000e+00	0.0000e+00	-2.9736e+00	1.6995e-01	2.9028e+00
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.8230e+00	1.4381e+00	1.2052e+00
	928	0.0000e+00	0.0000e+00	0.0000e+00	-2.5008e+00	1.6583e+00	3.6233e-01
	929	0.0000e+00	0.0000e+00	0.0000e+00	-3.6924e+00	1.9521e+00	8.9612e-01
	922	0.0000e+00	0.0000e+00	0.0000e+00	-2.3230e+00	1.1084e+00	1.7390e+00
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	-1.0350e+00	1.0239e+00	8.7672e-01
	927	0.0000e+00	0.0000e+00	0.0000e+00	-1.4370e+00	1.0495e+00	2.4553e-01
	928	0.0000e+00	0.0000e+00	0.0000e+00	-2.2530e+00	1.4657e+00	4.3850e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.4857e+00	1.1067e+00	1.0697e+00
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	-4.5516e-01	4.8982e-01	8.6500e-01
	926	0.0000e+00	0.0000e+00	0.0000e+00	-6.6862e-01	3.1636e-01	3.9035e-01
	927	0.0000e+00	0.0000e+00	0.0000e+00	-1.2789e+00	8.0165e-01	3.5000e-01
	920	0.0000e+00	0.0000e+00	0.0000e+00	-7.9747e-01	7.0861e-01	8.2465e-01
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	-6.9092e-02	6.0136e-02	1.1167e+00
	925	0.0000e+00	0.0000e+00	0.0000e+00	-1.3341e-01	-3.0612e-01	7.9036e-01
	926	0.0000e+00	0.0000e+00	0.0000e+00	-5.7119e-01	1.0556e-01	5.5210e-01
	919	0.0000e+00	0.0000e+00	0.0000e+00	-2.8620e-01	2.1418e-01	8.7843e-01
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	7.7345e-02	-5.0490e-02	1.3388e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	-9.8573e-02	-1.8484e-01	1.3116e+00
	925	0.0000e+00	0.0000e+00	0.0000e+00	-4.7992e-02	-3.5741e-01	1.0969e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	-2.7792e-02	-6.3788e-02	1.1241e+00
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	1.2302e+00	-2.1629e+00	2.1573e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.5473e+00	-2.8245e+00	2.6683e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	-7.7043e-01	-3.8811e+00	1.6467e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	1.4788e+00	-2.5066e+00	1.1358e+00
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	3.6798e-01	-7.3354e-01	2.5134e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	-2.0418e+00	-3.4570e-01	3.0653e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.2786e+00	-1.8520e+00	3.1189e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	7.1235e-01	-1.5709e+00	2.5670e+00
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.1934e-01	3.6786e-01	2.1245e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.7734e+00	9.0402e-01	2.1970e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	-1.8452e+00	3.2055e-01	2.7996e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	9.7872e-02	-3.4435e-01	2.7271e+00
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.8459e-01	7.9060e-01	1.5772e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.1990e+00	1.1427e+00	1.3884e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.6444e+00	1.1856e+00	1.9503e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.1807e-01	4.1784e-01	2.1390e+00
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	-8.3325e-02	7.6239e-01	1.2059e+00
	920	0.0000e+00	0.0000e+00	0.0000e+00	-6.7212e-01	8.8286e-01	9.8125e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.1214e+00	1.1789e+00	1.3000e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	-8.4885e-02	6.6405e-01	1.5246e+00
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	2.4218e-02	5.2713e-01	1.1020e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	-2.7694e-01	4.5164e-01	9.1968e-01
	920	0.0000e+00	0.0000e+00	0.0000e+00	-6.3090e-01	8.1435e-01	9.9791e-01
	913	0.0000e+00	0.0000e+00	0.0000e+00	1.2268e-02	5.8294e-01	1.1802e+00
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	7.6695e-02	2.4443e-01	1.1923e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	-5.4437e-02	8.5137e-02	1.0929e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	-2.5420e-01	3.6053e-01	1.0148e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	7.6963e-02	3.5694e-01	1.1142e+00
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	3.9450e-02	2.5098e-02	1.2790e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	-2.7341e-02	-2.2784e-02	1.2884e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	-2.5356e-02	4.3282e-02	1.2180e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	5.6219e-02	1.3561e-01	1.2087e+00
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	3.6718e+00	-1.0805e+00	1.5544e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	1.5999e+00	-1.6179e+00	1.9088e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	2.0978e+00	-1.8799e+00	1.1781e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	3.8851e+00	-9.6104e-01	8.2379e-01
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	2.9593e+00	-7.2963e-01	1.9734e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	9.8819e-01	-6.1187e-01	2.4803e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	1.6603e+00	-1.2584e+00	2.3596e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	3.3045e+00	-8.9998e-01	1.8527e+00
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	2.1894e+00	-1.9826e-01	1.7511e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	6.0776e-01	1.9320e-01	2.1722e+00

	916	0.0000e+00	0.0000e+00	0.0000e+00	1.0153e+00	-2.1553e-01	2.5180e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	2.6270e+00	-5.1331e-01	2.0969e+00
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	1.5301e+00	2.3436e-01	1.3107e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	4.3085e-01	5.6187e-01	1.6075e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	5.6843e-01	4.8853e-01	2.0534e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	1.9882e+00	-7.2638e-02	1.7565e+00
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	1.0075e+00	4.7334e-01	9.9176e-01
	913	0.0000e+00	0.0000e+00	0.0000e+00	3.3189e-01	6.0041e-01	1.2073e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	3.4585e-01	7.4222e-01	1.5089e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	1.4260e+00	2.6801e-01	1.2934e+00
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	6.0620e-01	5.0393e-01	9.1767e-01
	912	0.0000e+00	0.0000e+00	0.0000e+00	2.4258e-01	4.5033e-01	1.0812e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.3523e-01	6.8997e-01	1.1778e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	9.4175e-01	4.4386e-01	1.0143e+00
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	3.0600e-01	3.4094e-01	1.0178e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	1.3629e-01	2.2468e-01	1.1470e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	1.6503e-01	4.7484e-01	1.1103e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	5.3654e-01	4.3176e-01	9.8108e-01
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	5.8039e-02	5.0714e-02	1.1120e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	9.9839e-03	4.8682e-03	1.2290e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	9.4051e-02	2.1601e-01	1.1915e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	2.0881e-01	2.4494e-01	1.0745e+00
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	6.0662e+00	-2.9031e-01	1.0565e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	4.0791e+00	-6.6167e-01	1.3243e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	4.4783e+00	-4.6885e-01	7.7438e-01
	483	0.0000e+00	0.0000e+00	0.0000e+00	6.2044e+00	2.5583e-01	5.0659e-01
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	5.3733e+00	-7.3607e-01	1.2986e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	3.5032e+00	-5.8174e-01	1.7558e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	4.0854e+00	-6.2416e-01	1.7231e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	5.7086e+00	-4.0462e-01	1.2659e+00
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	4.3467e+00	-6.4888e-01	9.4186e-01
	908	0.0000e+00	0.0000e+00	0.0000e+00	2.8248e+00	-2.8464e-01	1.5657e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	3.4243e+00	-3.8970e-01	1.9048e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	4.9993e+00	-7.0122e-01	1.2809e+00
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	3.1887e+00	-2.1150e-01	4.7254e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	2.1059e+00	6.5423e-02	1.1526e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	2.6322e+00	2.9827e-03	1.5495e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	4.0273e+00	-5.1102e-01	8.6936e-01
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	2.0944e+00	2.8232e-01	2.2640e-01
	906	0.0000e+00	0.0000e+00	0.0000e+00	1.4179e+00	3.3777e-01	8.6090e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	1.8516e+00	3.6167e-01	1.0943e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	2.9341e+00	-4.8177e-02	4.5985e-01
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	1.1901e+00	5.8133e-01	2.9822e-01
	905	0.0000e+00	0.0000e+00	0.0000e+00	8.2368e-01	4.4027e-01	8.1666e-01
	906	0.0000e+00	0.0000e+00	0.0000e+00	1.1678e+00	5.7144e-01	8.3039e-01
	899	0.0000e+00	0.0000e+00	0.0000e+00	1.8865e+00	4.0303e-01	3.1194e-01
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	5.4263e-01	5.1174e-01	5.7331e-01
	904	0.0000e+00	0.0000e+00	0.0000e+00	3.6338e-01	3.2630e-01	9.3669e-01
	905	0.0000e+00	0.0000e+00	0.0000e+00	6.3243e-01	5.6400e-01	8.2207e-01
	898	0.0000e+00	0.0000e+00	0.0000e+00	1.0028e+00	6.0701e-01	4.5869e-01
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	1.0001e-01	7.8007e-02	7.8511e-01
	829	0.0000e+00	0.0000e+00	0.0000e+00	3.0195e-02	2.5524e-02	1.0232e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	2.5641e-01	3.3144e-01	9.5213e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	3.5160e-01	4.2062e-01	7.1404e-01
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	8.8721e+00	1.9882e-01	6.6073e-01
	903	0.0000e+00	0.0000e+00	0.0000e+00	6.5369e+00	6.7831e-02	8.1629e-01
	483	0.0000e+00	0.0000e+00	0.0000e+00	6.8974e+00	7.0139e-01	3.9608e-01
	472	0.0000e+00	0.0000e+00	0.0000e+00	8.8239e+00	1.4079e+00	2.4051e-01
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	8.0123e+00	-1.1198e+00	4.4097e-01
	902	0.0000e+00	0.0000e+00	0.0000e+00	6.0082e+00	-6.8075e-01	9.2167e-01
	903	0.0000e+00	0.0000e+00	0.0000e+00	6.5751e+00	-1.8401e-01	1.1876e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	8.4101e+00	-2.7511e-01	7.0695e-01
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	6.5004e+00	-1.2535e+00	-3.6448e-01

	901	0.0000e+00	0.0000e+00	0.0000e+00	5.0332e+00	-7.8835e-01	5.4872e-01
	902	0.0000e+00	0.0000e+00	0.0000e+00	5.8140e+00	-6.0494e-01	1.0915e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	7.5523e+00	-1.2216e+00	1.7830e-01
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	4.7551e+00	-6.1586e-01	-9.6168e-01
	900	0.0000e+00	0.0000e+00	0.0000e+00	3.7702e+00	-3.7744e-01	1.3143e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	4.6448e+00	-4.3541e-01	5.5714e-01
	894	0.0000e+00	0.0000e+00	0.0000e+00	6.0742e+00	-1.0455e+00	-5.3597e-01
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	3.0940e+00	2.4994e-01	-1.0975e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	2.4872e+00	1.8467e-01	-4.3727e-02
	900	0.0000e+00	0.0000e+00	0.0000e+00	3.3173e+00	6.9767e-02	9.5959e-02
	893	0.0000e+00	0.0000e+00	0.0000e+00	4.3787e+00	-2.7391e-01	-9.5781e-01
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	1.6893e+00	9.0576e-01	-7.6967e-01
	898	0.0000e+00	0.0000e+00	0.0000e+00	1.3727e+00	5.7141e-01	1.1191e-01
	899	0.0000e+00	0.0000e+00	0.0000e+00	2.0618e+00	5.8055e-01	-4.9116e-02
	892	0.0000e+00	0.0000e+00	0.0000e+00	2.7694e+00	5.6714e-01	-9.3069e-01
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	7.0819e-01	9.3599e-01	-1.3513e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	5.4395e-01	5.5279e-01	4.6141e-01
	898	0.0000e+00	0.0000e+00	0.0000e+00	1.0494e+00	8.0098e-01	1.3611e-01
	891	0.0000e+00	0.0000e+00	0.0000e+00	1.4000e+00	1.0661e+00	-4.6042e-01
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	1.6225e-01	1.4974e-01	3.5500e-01
	821	0.0000e+00	0.0000e+00	0.0000e+00	2.1704e-02	8.1818e-02	6.6287e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	3.8770e-01	5.3820e-01	4.7985e-01
	890	0.0000e+00	0.0000e+00	0.0000e+00	4.1410e-01	8.3507e-01	1.7198e-01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	1.2609e+01	2.0838e-01	3.6467e-01
	896	0.0000e+00	0.0000e+00	0.0000e+00	9.4336e+00	4.9953e-01	3.3847e-01
	472	0.0000e+00	0.0000e+00	0.0000e+00	9.7731e+00	1.8637e+00	1.3832e-01
	461	0.0000e+00	0.0000e+00	0.0000e+00	1.2217e+01	2.5538e+00	1.6452e-01
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	1.0947e+01	-2.2601e+00	-9.8422e-01
	895	0.0000e+00	0.0000e+00	0.0000e+00	8.9006e+00	-1.3314e+00	-2.0030e-01
	896	0.0000e+00	0.0000e+00	0.0000e+00	9.5923e+00	-1.4253e-01	7.2703e-01
	889	0.0000e+00	0.0000e+00	0.0000e+00	1.1829e+01	-1.0621e+00	-5.6888e-02
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	8.4112e+00	-2.0354e+00	-2.4788e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	7.3088e+00	-1.5638e+00	-9.5699e-01
	895	0.0000e+00	0.0000e+00	0.0000e+00	8.4374e+00	-1.1723e+00	-1.0053e-01
	888	0.0000e+00	0.0000e+00	0.0000e+00	1.0337e+01	-2.4077e+00	-1.6223e+00
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	6.0227e+00	-8.9431e-01	-3.0085e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	5.3233e+00	-7.9203e-01	-1.4403e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	6.6345e+00	-9.8908e-01	-1.0402e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	7.8588e+00	-1.6842e+00	-2.6084e+00
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	3.9353e+00	4.6383e-01	-2.9066e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	3.4414e+00	2.2333e-01	-1.4878e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	4.6806e+00	-1.4840e-01	-1.4950e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	5.5435e+00	-3.7458e-01	-2.9138e+00
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	2.1084e+00	1.6413e+00	-2.2738e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	1.8186e+00	9.9905e-01	-1.0465e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	2.8599e+00	8.0413e-01	-1.4435e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	3.5303e+00	9.5320e-01	-2.6708e+00
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	7.6098e-01	1.9652e+00	-1.1129e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	5.9732e-01	1.0956e+00	-2.4699e-01
	891	0.0000e+00	0.0000e+00	0.0000e+00	1.3443e+00	1.3825e+00	-9.4463e-01
	884	0.0000e+00	0.0000e+00	0.0000e+00	1.7518e+00	1.9034e+00	-1.8106e+00
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	2.8373e-01	4.7777e-01	-1.7443e-02
	813	0.0000e+00	0.0000e+00	0.0000e+00	-6.7848e-02	2.3498e-01	2.6001e-01
	890	0.0000e+00	0.0000e+00	0.0000e+00	4.1284e-01	1.0352e+00	-1.9308e-01
	883	0.0000e+00	0.0000e+00	0.0000e+00	3.5987e-01	1.6955e+00	-4.7054e-01
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	1.8178e+01	-2.0435e+00	-4.0915e-01
	889	0.0000e+00	0.0000e+00	0.0000e+00	1.3588e+01	1.7825e-01	-4.6876e-01
	461	0.0000e+00	0.0000e+00	0.0000e+00	1.3686e+01	3.1417e+00	1.6112e-01
	441	0.0000e+00	0.0000e+00	0.0000e+00	1.7960e+01	4.1080e+00	2.2073e-01
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	1.2773e+01	-4.4593e+00	-4.6406e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	1.2382e+01	-3.2698e+00	-2.1449e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	1.3627e+01	-9.4743e-01	3.7677e-02
	881	0.0000e+00	0.0000e+00	0.0000e+00	1.6537e+01	-4.1081e+00	-2.4580e+00

1728	877	0.0000e+00	0.0000e+00	0.0000e+00	9.0167e+00	-3.0951e+00	-5.5980e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	9.2001e+00	-2.4967e+00	-3.2123e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	1.0944e+01	-2.3910e+00	-2.5031e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	1.2061e+01	-3.2060e+00	-4.8889e+00
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	6.4235e+00	-1.2659e+00	-5.3805e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	6.4437e+00	-9.9409e-01	-3.5586e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	8.1061e+00	-1.6544e+00	-3.5156e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	8.4175e+00	-1.4682e+00	-5.3375e+00
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	4.4857e+00	4.8270e-01	-4.8586e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	4.2195e+00	5.6725e-01	-3.4097e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	5.6291e+00	-2.7460e-01	-3.6531e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	5.9837e+00	2.9500e-01	-5.1019e+00
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	2.7695e+00	2.0744e+00	-4.0776e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	2.2810e+00	1.8726e+00	-2.7779e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	3.4976e+00	1.2034e+00	-3.2907e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	4.1614e+00	2.0237e+00	-4.5904e+00
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	8.3282e-01	3.1960e+00	-2.6322e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	6.4379e-01	2.2573e+00	-1.3759e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	1.4703e+00	2.4408e+00	-2.4698e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	2.5275e+00	3.6824e+00	-3.7261e+00
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	5.5758e-01	5.5821e-01	-2.0545e-01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-2.2385e-01	6.9234e-01	-7.7773e-02
	883	0.0000e+00	0.0000e+00	0.0000e+00	4.2403e-02	2.2123e+00	-1.2066e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	5.4756e-01	4.5964e+00	-1.3343e+00
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	1.6357e+01	-6.4009e+00	-1.4502e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	2.3648e+01	-5.8576e+00	-3.3320e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	1.8136e+01	6.1228e+00	3.8279e+00
	7	0.0000e+00	0.0000e+00	0.0000e+00	4.4285e+01	-7.6048e+00	-7.3416e+00
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	9.9442e+00	-9.6012e-01	-9.9223e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	1.2961e+01	-5.6744e+00	-4.8647e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	1.9769e+01	-4.0346e+00	-5.0367e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	1.3286e+01	-8.4061e+00	-1.0094e+01
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	7.0247e+00	1.1993e+00	-8.0749e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	8.3172e+00	-2.9156e+00	-5.5197e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	1.2106e+01	-3.5948e+00	-6.2258e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	8.3635e+00	-6.3023e+00	-8.7811e+00
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	5.5108e+00	2.9735e+00	-6.7948e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	5.7954e+00	-8.2022e-01	-5.2217e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	8.4261e+00	-1.7714e+00	-5.9044e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	6.0371e+00	-4.2044e+00	-7.4775e+00
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	4.7081e+00	4.7327e+00	-5.7640e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	4.1222e+00	1.0554e+00	-4.6694e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	6.2124e+00	6.5404e-02	-5.2835e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	4.8146e+00	-2.3879e+00	-6.3780e+00
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	4.3722e+00	6.6998e+00	-4.8155e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	2.7384e+00	2.8227e+00	-3.9437e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	4.6868e+00	1.8470e+00	-4.5401e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	4.1734e+00	-8.4129e-01	-5.4119e+00
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	4.3641e+00	9.1318e+00	-3.6975e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	9.1230e-01	4.2301e+00	-2.7165e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	3.3158e+00	3.7009e+00	-3.5258e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	3.9293e+00	4.1219e-01	-4.5067e+00
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	2.7299e+00	1.2783e+01	-7.0198e-01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-2.2214e+00	1.4053e+00	1.4525e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	8.3113e-01	5.9533e+00	-1.6151e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	4.0011e+00	6.8944e-01	-3.7696e+00
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	2.1383e-01	2.8569e+00	4.5883e-01
	868	0.0000e+00	0.0000e+00	0.0000e+00	2.1329e+00	2.8132e-01	-6.4162e-01
	17	0.0000e+00	0.0000e+00	0.0000e+00	1.8183e+00	8.3917e+00	1.7882e+00
	861	0.0000e+00	0.0000e+00	0.0000e+00	-1.6800e+00	9.7307e-01	2.8887e+00
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	1.1918e+00	2.0602e-01	-3.0975e-01
	867	0.0000e+00	0.0000e+00	0.0000e+00	1.3648e+00	4.6234e-01	-3.8010e-01
	868	0.0000e+00	0.0000e+00	0.0000e+00	1.5051e+00	1.3244e+00	-2.4391e-01

	860	0.0000e+00	0.0000e+00	0.0000e+00	9.1024e-01	1.3093e+00	-1.7356e-01
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	1.5580e+00	-5.4828e-01	-6.7501e-01
	866	0.0000e+00	0.0000e+00	0.0000e+00	1.3394e+00	-7.1517e-02	-8.6486e-01
	867	0.0000e+00	0.0000e+00	0.0000e+00	1.3484e+00	2.4254e-01	-5.4823e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	1.1679e+00	8.8221e-02	-3.5838e-01
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	2.3078e+00	-1.2011e+00	-1.3052e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	1.5818e+00	-3.6430e-01	-1.7145e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	1.4535e+00	-3.2425e-01	-1.1188e+00
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.6144e+00	-6.7480e-01	-7.0945e-01
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	3.9618e+00	-1.9286e+00	-2.3081e+00
	864	0.0000e+00	0.0000e+00	0.0000e+00	2.1149e+00	-4.5215e-01	-3.1583e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	1.8481e+00	-7.9145e-01	-2.1221e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	2.5222e+00	-1.3802e+00	-1.2719e+00
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	7.5679e+00	-2.8103e+00	-3.7202e+00
	863	0.0000e+00	0.0000e+00	0.0000e+00	3.8941e+00	-1.1816e-01	-5.7869e+00
	864	0.0000e+00	0.0000e+00	0.0000e+00	2.7312e+00	-1.4981e+00	-4.0342e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	4.5832e+00	-2.2993e+00	-1.9675e+00
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	2.1645e+01	-2.4822e+00	-4.5085e+00
	862	0.0000e+00	0.0000e+00	0.0000e+00	5.5724e+00	1.1178e+00	-1.0511e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	5.3431e+00	-2.7877e+00	-7.5073e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	9.8283e+00	-5.1746e+00	-1.5048e+00
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	6.8966e+00	1.9288e+01	9.1057e+00
	16	0.0000e+00	0.0000e+00	0.0000e+00	8.2707e+01	1.1326e+01	-1.4482e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	1.1136e+01	-1.5940e+01	-2.5074e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	3.1130e+01	-2.7903e+00	-1.4863e+00
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	-1.8508e-01	6.2360e-01	7.6242e-01
	860	0.0000e+00	0.0000e+00	0.0000e+00	1.1512e-01	1.9189e+00	8.3062e-01
	861	0.0000e+00	0.0000e+00	0.0000e+00	2.6879e-01	3.2898e-01	1.4828e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	-2.0188e-01	3.2435e-01	1.4146e+00
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	4.9415e-01	1.0477e-01	3.4284e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	9.4550e-01	3.4859e-01	-2.7051e-01
	860	0.0000e+00	0.0000e+00	0.0000e+00	7.3766e-02	8.9639e-01	1.0746e-01
	852	0.0000e+00	0.0000e+00	0.0000e+00	1.3496e-01	3.8685e-01	7.2082e-01
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	1.3644e+00	-7.2315e-01	8.0598e-02
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.5408e+00	-5.3962e-01	-4.5600e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	1.0638e+00	-1.3568e-01	-3.0348e-01
	851	0.0000e+00	0.0000e+00	0.0000e+00	7.6449e-01	-2.5613e-01	2.3311e-01
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	2.4148e+00	-1.4064e+00	-4.4405e-02
	857	0.0000e+00	0.0000e+00	0.0000e+00	2.4964e+00	-1.2311e+00	-8.1401e-01
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.7547e+00	-9.2009e-01	-6.5901e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.6120e+00	-1.0538e+00	1.1060e-01
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	4.0951e+00	-1.8640e+00	1.1726e-01
	856	0.0000e+00	0.0000e+00	0.0000e+00	4.3072e+00	-1.9509e+00	-1.2142e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	2.8672e+00	-1.6816e+00	-1.1798e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	2.8629e+00	-1.8371e+00	1.5166e-01
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	6.3989e+00	-1.5097e+00	1.2099e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	8.2320e+00	-2.8344e+00	-1.1289e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	4.9450e+00	-2.5279e+00	-1.8065e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	4.9922e+00	-2.5022e+00	5.3230e-01
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	9.0457e+00	2.1217e+00	4.8570e+00
	854	0.0000e+00	0.0000e+00	0.0000e+00	1.3597e+01	-3.8652e+00	2.0392e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	8.9386e+00	-2.9530e+00	-1.1393e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	8.0490e+00	-2.6047e+00	1.6785e+00
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	6.6805e+00	8.6647e+00	2.1608e+00
	431	0.0000e+00	0.0000e+00	0.0000e+00	1.5209e+01	1.2270e+01	3.2762e+00
	854	0.0000e+00	0.0000e+00	0.0000e+00	1.6884e+01	4.2505e+00	4.6943e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	7.2441e+00	5.0293e+00	3.5788e+00
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	2.7176e-02	6.3770e-02	1.1241e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	4.7415e-02	3.5738e-01	1.0969e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	9.8000e-02	1.8480e-01	1.3116e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	-7.7964e-02	5.0466e-02	1.3388e+00
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	2.8559e-01	-2.1419e-01	8.7845e-01
	851	0.0000e+00	0.0000e+00	0.0000e+00	5.7063e-01	-1.0557e-01	5.5211e-01

	852	0.0000e+00	0.0000e+00	0.0000e+00	1.3284e-01	3.0610e-01	7.9037e-01
	844	0.0000e+00	0.0000e+00	0.0000e+00	6.8471e-02	-6.0148e-02	1.1167e+00
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	7.9687e-01	-7.0862e-01	8.2466e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.2783e+00	-8.0166e-01	3.4999e-01
	851	0.0000e+00	0.0000e+00	0.0000e+00	6.6807e-01	-3.1636e-01	3.9035e-01
	843	0.0000e+00	0.0000e+00	0.0000e+00	4.5455e-01	-4.8983e-01	8.6501e-01
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	1.4851e+00	-1.1067e+00	1.0697e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	2.2525e+00	-1.4657e+00	4.3849e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.4364e+00	-1.0495e+00	2.4553e-01
	842	0.0000e+00	0.0000e+00	0.0000e+00	1.0344e+00	-1.0239e+00	8.7672e-01
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	2.3224e+00	-1.1084e+00	1.7390e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	3.6919e+00	-1.9521e+00	8.9611e-01
	849	0.0000e+00	0.0000e+00	0.0000e+00	2.5003e+00	-1.6583e+00	3.6232e-01
	841	0.0000e+00	0.0000e+00	0.0000e+00	1.8224e+00	-1.4381e+00	1.2052e+00
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	2.9731e+00	-1.6996e-01	2.9028e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	5.5420e+00	-1.6990e+00	2.0426e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	4.0488e+00	-1.8936e+00	1.0033e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	2.7400e+00	-1.3511e+00	1.8635e+00
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	2.8259e+00	2.1755e+00	3.5368e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	5.6918e+00	1.6608e+00	3.8101e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	5.9978e+00	-1.0496e+00	2.9445e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	3.0684e+00	1.6110e-01	2.6712e+00
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	1.5910e+00	4.8047e+00	1.4997e+00
	420	0.0000e+00	0.0000e+00	0.0000e+00	5.2364e+00	7.0370e+00	2.3365e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	6.6076e+00	4.1495e+00	3.7429e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	1.8993e+00	3.5786e+00	2.9061e+00
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	-5.6940e-02	-1.3561e-01	1.2087e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	2.4709e-02	-4.3299e-02	1.2180e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	2.6693e-02	2.2762e-02	1.2884e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	-4.0177e-02	-2.5094e-02	1.2790e+00
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	-7.7670e-02	-3.5695e-01	1.1142e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	2.5356e-01	-3.6054e-01	1.0148e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	5.3795e-02	-8.5153e-02	1.0929e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-7.7417e-02	-2.4443e-01	1.1923e+00
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.2952e-02	-5.8295e-01	1.1803e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	6.3028e-01	-8.1437e-01	9.9793e-01
	843	0.0000e+00	0.0000e+00	0.0000e+00	2.7631e-01	-4.5165e-01	9.1970e-01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-2.4922e-02	-5.2714e-01	1.1020e+00
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	8.4223e-02	-6.6407e-01	1.5247e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	1.1208e+00	-1.1789e+00	1.3000e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	6.7151e-01	-8.8287e-01	9.8126e-01
	834	0.0000e+00	0.0000e+00	0.0000e+00	8.2646e-02	-7.6241e-01	1.2059e+00
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	1.1742e-01	-4.1785e-01	2.1390e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.6438e+00	-1.1856e+00	1.9503e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	1.1985e+00	-1.1427e+00	1.3884e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	1.8393e-01	-7.9062e-01	1.5772e+00
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	-9.8496e-02	3.4435e-01	2.7271e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	1.8446e+00	-3.2056e-01	2.7996e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.7729e+00	-9.0403e-01	2.1970e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	1.1870e-01	-3.6787e-01	2.1245e+00
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	-7.1295e-01	1.5709e+00	2.5670e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	1.2781e+00	1.8520e+00	3.1189e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	2.0412e+00	3.4568e-01	3.0653e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-3.6859e-01	7.3354e-01	2.5135e+00
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.4793e+00	2.5066e+00	1.1359e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	7.6991e-01	3.8810e+00	1.6468e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	1.5467e+00	2.8245e+00	2.6683e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.2308e+00	2.1630e+00	2.1574e+00
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	-2.0965e-01	-2.4491e-01	1.0745e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-9.4811e-02	-2.1600e-01	1.1915e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.0748e-02	-4.8623e-03	1.2290e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-5.8889e-02	-5.0673e-02	1.1120e+00
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	-5.3735e-01	-4.3176e-01	9.8114e-01



	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.6577e-01	-4.7485e-01	1.1103e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.3705e-01	-2.2468e-01	1.1470e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-3.0684e-01	-3.4092e-01	1.0178e+00
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	-9.4252e-01	-4.4389e-01	1.0143e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	-2.3595e-01	-6.8999e-01	1.1778e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	-2.4331e-01	-4.5035e-01	1.0813e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-6.0700e-01	-5.0394e-01	9.1773e-01
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.4268e+00	-2.6806e-01	1.2935e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	-3.4654e-01	-7.4225e-01	1.5090e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	-3.3259e-01	-6.0044e-01	1.2073e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.0082e+00	-4.7338e-01	9.9182e-01
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.9889e+00	7.2608e-02	1.7566e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	-5.6909e-01	-4.8855e-01	2.0534e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	-4.3153e-01	-5.6190e-01	1.6075e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.5308e+00	-2.3440e-01	1.3107e+00
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	-2.6277e+00	5.1332e-01	2.0969e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.0159e+00	2.1552e-01	2.5181e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	-6.0842e-01	-1.9322e-01	2.1722e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	-2.1901e+00	1.9824e-01	1.7511e+00
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	-3.3052e+00	9.0002e-01	1.8527e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.6609e+00	1.2584e+00	2.3596e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-9.8883e-01	6.1187e-01	2.4804e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	-2.9600e+00	7.2964e-01	1.9735e+00
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	-3.8857e+00	9.6111e-01	8.2389e-01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-2.0984e+00	1.8800e+00	1.1782e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.6006e+00	1.6179e+00	1.9088e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	-3.6725e+00	1.0806e+00	1.5545e+00
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	-3.5252e-01	-4.2054e-01	7.1411e-01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-2.5729e-01	-3.3140e-01	9.5217e-01
	829	0.0000e+00	0.0000e+00	0.0000e+00	-3.1080e-02	-2.5474e-02	1.0232e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-1.0095e-01	-7.7903e-02	7.8513e-01
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.0037e+00	-6.0699e-01	4.5880e-01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-6.3327e-01	-5.6399e-01	8.2215e-01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-3.6424e-01	-3.2628e-01	9.3674e-01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-5.4355e-01	-5.1168e-01	5.7339e-01
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.8873e+00	-4.0307e-01	3.1205e-01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.1686e+00	-5.7147e-01	8.3046e-01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-8.2450e-01	-4.4029e-01	8.1674e-01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.1910e+00	-5.8134e-01	2.9833e-01
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	-2.9349e+00	4.8108e-02	4.5993e-01
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.8523e+00	-3.6172e-01	1.0944e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.4187e+00	-3.3782e-01	8.6097e-01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.0953e+00	-2.8238e-01	2.2650e-01
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	-4.0280e+00	5.1097e-01	8.6941e-01
	824	0.0000e+00	0.0000e+00	0.0000e+00	-2.6329e+00	-3.0194e-03	1.5495e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-2.1066e+00	-6.5477e-02	1.1527e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-3.1895e+00	2.1143e-01	4.7260e-01
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	-5.0000e+00	7.0124e-01	1.2809e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	-3.4250e+00	3.8970e-01	1.9048e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	-2.8255e+00	2.8461e-01	1.5657e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	-4.3474e+00	6.4884e-01	9.4190e-01
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	-5.7093e+00	4.0472e-01	1.2660e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	-4.0861e+00	6.2421e-01	1.7231e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	-3.5039e+00	5.8176e-01	1.7558e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	-5.3740e+00	7.3610e-01	1.2987e+00
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	-6.2051e+00	-2.5568e-01	5.0675e-01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-4.4790e+00	4.6894e-01	7.7451e-01
	822	0.0000e+00	0.0000e+00	0.0000e+00	-4.0798e+00	6.6173e-01	1.3244e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-6.0669e+00	2.9042e-01	1.0566e+00
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	-4.1500e-01	-8.3490e-01	1.7208e-01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-3.8865e-01	-5.3809e-01	4.7993e-01
	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.2664e-02	-8.1690e-02	6.6288e-01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-1.6318e-01	-1.4953e-01	3.5503e-01

1791 811 0.0000e+00 0.0000e+00 0.0000e+00 -1.4008e+00 -1.0661e+00 -4.6025e-01  
819 0.0000e+00 0.0000e+00 0.0000e+00 -1.0502e+00 -8.0095e-01 1.3623e-01  
820 0.0000e+00 0.0000e+00 0.0000e+00 -5.4487e-01 -5.5271e-01 4.6150e-01  
812 0.0000e+00 0.0000e+00 0.0000e+00 -7.0909e-01 -9.3587e-01 -1.3498e-01

1792 810 0.0000e+00 0.0000e+00 0.0000e+00 -2.7702e+00 -5.6721e-01 -9.3053e-01  
818 0.0000e+00 0.0000e+00 0.0000e+00 -2.0626e+00 -5.8060e-01 -4.8998e-02  
819 0.0000e+00 0.0000e+00 0.0000e+00 -1.3736e+00 -5.7141e-01 1.1204e-01  
811 0.0000e+00 0.0000e+00 0.0000e+00 -1.6901e+00 -9.0576e-01 -7.6949e-01

1793 809 0.0000e+00 0.0000e+00 0.0000e+00 -4.3794e+00 2.7380e-01 -9.5769e-01  
817 0.0000e+00 0.0000e+00 0.0000e+00 -3.3181e+00 -6.9845e-02 9.6046e-02  
818 0.0000e+00 0.0000e+00 0.0000e+00 -2.4880e+00 -1.8474e-01 -4.3609e-02  
810 0.0000e+00 0.0000e+00 0.0000e+00 -3.0948e+00 -2.5003e-01 -1.0973e+00

1794 808 0.0000e+00 0.0000e+00 0.0000e+00 -6.0749e+00 1.0454e+00 -5.3590e-01  
816 0.0000e+00 0.0000e+00 0.0000e+00 -4.6456e+00 4.3535e-01 5.5719e-01  
817 0.0000e+00 0.0000e+00 0.0000e+00 -3.7710e+00 3.7736e-01 1.3151e-01  
809 0.0000e+00 0.0000e+00 0.0000e+00 -4.7558e+00 6.1575e-01 -9.6158e-01

1795 807 0.0000e+00 0.0000e+00 0.0000e+00 -7.5530e+00 1.2216e+00 1.7835e-01  
815 0.0000e+00 0.0000e+00 0.0000e+00 -5.8147e+00 6.0496e-01 1.0915e+00  
816 0.0000e+00 0.0000e+00 0.0000e+00 -5.0339e+00 7.8832e-01 5.4878e-01  
808 0.0000e+00 0.0000e+00 0.0000e+00 -6.5011e+00 1.2535e+00 -3.6441e-01

1796 806 0.0000e+00 0.0000e+00 0.0000e+00 -8.4108e+00 2.7527e-01 7.0705e-01  
814 0.0000e+00 0.0000e+00 0.0000e+00 -6.5758e+00 1.8412e-01 1.1877e+00  
815 0.0000e+00 0.0000e+00 0.0000e+00 -6.0089e+00 6.8079e-01 9.2173e-01  
807 0.0000e+00 0.0000e+00 0.0000e+00 -8.0130e+00 1.1198e+00 4.4104e-01

1797 365 0.0000e+00 0.0000e+00 0.0000e+00 -8.8245e+00 -1.4077e+00 2.4074e-01  
376 0.0000e+00 0.0000e+00 0.0000e+00 -6.8981e+00 -7.0120e-01 3.9627e-01  
814 0.0000e+00 0.0000e+00 0.0000e+00 -6.5377e+00 -6.7689e-02 8.1641e-01  
806 0.0000e+00 0.0000e+00 0.0000e+00 -8.8728e+00 -1.9861e-01 6.6087e-01

1798 804 0.0000e+00 0.0000e+00 0.0000e+00 -3.6053e-01 -1.6952e+00 -4.7037e-01  
812 0.0000e+00 0.0000e+00 0.0000e+00 -4.1373e-01 -1.0350e+00 -1.9296e-01  
813 0.0000e+00 0.0000e+00 0.0000e+00 6.6934e-02 -2.3472e-01 2.6003e-01  
805 0.0000e+00 0.0000e+00 0.0000e+00 -2.8445e-01 -4.7737e-01 -1.7384e-02

1799 803 0.0000e+00 0.0000e+00 0.0000e+00 -1.7524e+00 -1.9034e+00 -1.8103e+00  
811 0.0000e+00 0.0000e+00 0.0000e+00 -1.3451e+00 -1.3825e+00 -9.4445e-01  
812 0.0000e+00 0.0000e+00 0.0000e+00 -5.9817e-01 -1.0955e+00 -2.4682e-01  
804 0.0000e+00 0.0000e+00 0.0000e+00 -7.6165e-01 -1.9650e+00 -1.1127e+00

1800 802 0.0000e+00 0.0000e+00 0.0000e+00 -3.5309e+00 -9.5332e-01 -2.6706e+00  
810 0.0000e+00 0.0000e+00 0.0000e+00 -2.8606e+00 -8.0420e-01 -1.4433e+00  
811 0.0000e+00 0.0000e+00 0.0000e+00 -1.8194e+00 -9.9905e-01 -1.0463e+00  
803 0.0000e+00 0.0000e+00 0.0000e+00 -2.1090e+00 -1.6413e+00 -2.2736e+00

1801 801 0.0000e+00 0.0000e+00 0.0000e+00 -5.5441e+00 3.7441e-01 -2.9136e+00  
809 0.0000e+00 0.0000e+00 0.0000e+00 -4.6813e+00 1.4828e-01 -1.4948e+00  
810 0.0000e+00 0.0000e+00 0.0000e+00 -3.4421e+00 -2.2343e-01 -1.4876e+00  
802 0.0000e+00 0.0000e+00 0.0000e+00 -3.9358e+00 -4.6397e-01 -2.9064e+00

1802 800 0.0000e+00 0.0000e+00 0.0000e+00 -7.8593e+00 1.6841e+00 -2.6083e+00  
808 0.0000e+00 0.0000e+00 0.0000e+00 -6.6351e+00 9.8900e-01 -1.0401e+00  
809 0.0000e+00 0.0000e+00 0.0000e+00 -5.3240e+00 7.9191e-01 -1.4401e+00  
801 0.0000e+00 0.0000e+00 0.0000e+00 -6.0233e+00 8.9414e-01 -3.0083e+00

1803 799 0.0000e+00 0.0000e+00 0.0000e+00 -1.0337e+01 2.4078e+00 -1.6223e+00  
807 0.0000e+00 0.0000e+00 0.0000e+00 -8.4380e+00 1.1723e+00 -1.0047e-01  
808 0.0000e+00 0.0000e+00 0.0000e+00 -7.3094e+00 1.5637e+00 -9.5690e-01  
800 0.0000e+00 0.0000e+00 0.0000e+00 -8.4117e+00 2.0353e+00 -2.4787e+00

1804 798 0.0000e+00 0.0000e+00 0.0000e+00 -1.1829e+01 1.0624e+00 -5.6787e-02  
806 0.0000e+00 0.0000e+00 0.0000e+00 -9.5930e+00 1.4273e-01 7.2714e-01  
807 0.0000e+00 0.0000e+00 0.0000e+00 -8.9012e+00 1.3315e+00 -2.0022e-01  
799 0.0000e+00 0.0000e+00 0.0000e+00 -1.0948e+01 2.2602e+00 -9.8414e-01

1805 354 0.0000e+00 0.0000e+00 0.0000e+00 -1.2217e+01 -2.5533e+00 1.6480e-01  
365 0.0000e+00 0.0000e+00 0.0000e+00 -9.7737e+00 -1.8633e+00 1.3858e-01  
806 0.0000e+00 0.0000e+00 0.0000e+00 -9.4342e+00 -4.9927e-01 3.3862e-01  
798 0.0000e+00 0.0000e+00 0.0000e+00 -1.2609e+01 -2.0804e-01 3.6483e-01

1806 795 0.0000e+00 0.0000e+00 0.0000e+00 -5.4754e-01 -4.5959e+00 -1.3340e+00  
804 0.0000e+00 0.0000e+00 0.0000e+00 -4.2995e-02 -2.2119e+00 -1.2064e+00  
805 0.0000e+00 0.0000e+00 0.0000e+00 2.2324e-01 -6.9185e-01 -7.7732e-02

	797	0.0000e+00	0.0000e+00	0.0000e+00	-5.5765e-01	-5.5753e-01	-2.0535e-01
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	-2.5275e+00	-3.6823e+00	-3.7259e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.4708e+00	-2.4407e+00	-2.4696e+00
	804	0.0000e+00	0.0000e+00	0.0000e+00	-6.4428e-01	-2.2570e+00	-1.3756e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	-8.3290e-01	-3.1959e+00	-2.6319e+00
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	-4.1615e+00	-2.0238e+00	-4.5902e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	-3.4980e+00	-1.2035e+00	-3.2905e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	-2.2815e+00	-1.8726e+00	-2.7776e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-2.7696e+00	-2.0745e+00	-4.0774e+00
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	-5.9838e+00	-2.9521e-01	-5.1017e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-5.6295e+00	2.7443e-01	-3.6529e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	-4.2199e+00	-5.6739e-01	-3.4095e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-4.4858e+00	-4.8291e-01	-4.8583e+00
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	-8.4176e+00	1.4680e+00	-5.3374e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	-8.1064e+00	1.6542e+00	-3.5155e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-6.4442e+00	9.9391e-01	-3.5584e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-6.4236e+00	1.2657e+00	-5.3803e+00
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.2061e+01	3.2060e+00	-4.8888e+00
	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.0944e+01	2.3911e+00	-2.5031e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	-9.2004e+00	2.4966e+00	-3.2122e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-9.0167e+00	3.0950e+00	-5.5979e+00
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	-1.6537e+01	4.1083e+00	-2.4579e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.3627e+01	9.4774e-01	3.7759e-02
	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.2382e+01	3.2699e+00	-2.1448e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.2773e+01	4.4594e+00	-4.6404e+00
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	-1.7960e+01	-4.1072e+00	2.2103e-01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.3687e+01	-3.1411e+00	1.6143e-01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.3588e+01	-1.7783e-01	-4.6860e-01
	783	0.0000e+00	0.0000e+00	0.0000e+00	-1.8178e+01	2.0440e+00	-4.0900e-01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	-4.0001e+00	-6.9010e-01	-3.7697e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	-8.3059e-01	-5.9528e+00	-1.6151e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	2.2211e+00	-1.4044e+00	1.4526e+00
	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.7278e+00	-1.2781e+01	-7.0202e-01
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	-3.9286e+00	-4.1276e-01	-4.5067e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-3.3155e+00	-3.7008e+00	-3.5257e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	-9.1208e-01	-4.2299e+00	-2.7164e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	-4.3632e+00	-9.1309e+00	-3.6974e+00
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	-4.1729e+00	8.4082e-01	-5.4118e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-4.6867e+00	-1.8472e+00	-4.5399e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-2.7383e+00	-2.8227e+00	-3.9435e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	-4.3715e+00	-6.6994e+00	-4.8154e+00
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	-4.8141e+00	2.3877e+00	-6.3778e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-6.2123e+00	-6.5602e-02	-5.2833e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-4.1221e+00	-1.0556e+00	-4.6692e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	-4.7076e+00	-4.7328e+00	-5.7638e+00
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-6.0365e+00	4.2045e+00	-7.4773e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-8.4260e+00	1.7713e+00	-5.9042e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-5.7953e+00	8.2003e-01	-5.2215e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	-5.5103e+00	-2.9738e+00	-6.7946e+00
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-8.3628e+00	6.3027e+00	-8.7807e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.2106e+01	3.5948e+00	-6.2256e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-8.3170e+00	2.9155e+00	-5.5195e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-7.0241e+00	-1.1998e+00	-8.0746e+00
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-1.3285e+01	8.4071e+00	-1.0094e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	-1.9769e+01	4.0350e+00	-5.0364e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.2960e+01	5.6745e+00	-4.8644e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-9.9435e+00	9.5958e-01	-9.9219e+00
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-4.4283e+01	7.6067e+00	-7.3411e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	-1.8136e+01	-6.1218e+00	3.8282e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	-2.3647e+01	5.8582e+00	-3.3316e+00
	784	0.0000e+00	0.0000e+00	0.0000e+00	-1.6356e+01	6.4003e+00	-1.4501e+01
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	-4.9620e+01	-3.7056e+00	-1.9815e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	-2.5728e+01	1.9295e+01	-3.7334e+01

	22	0.0000e+00	0.0000e+00	0.0000e+00	-1.0939e+02	-2.0348e+01	-2.7027e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	1.9015e+00	-1.9818e+01	-9.5079e+00
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	-2.6298e+01	1.0813e+01	-1.1829e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	-2.1167e+01	5.8114e+00	-1.9633e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	-1.9273e+01	-2.1435e-01	-2.3477e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	-4.2512e+01	3.1640e+00	-1.5673e+01
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	-1.8345e+01	9.5209e+00	-1.0096e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.6746e+01	6.5416e+00	-1.3851e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	-1.9673e+01	3.3156e+00	-1.7714e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	-2.2307e+01	8.7571e+00	-1.3959e+01
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.4825e+01	9.6155e+00	-6.1165e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.4747e+01	5.9382e+00	-7.8078e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.5771e+01	5.0706e+00	-1.1527e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	-1.6903e+01	9.5006e+00	-9.8354e+00
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.4307e+01	9.5865e+00	-1.7190e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.3926e+01	5.1509e+00	-2.0028e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.4428e+01	5.6008e+00	-5.8180e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.4326e+01	9.4824e+00	-5.5342e+00
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	-1.6760e+01	9.7686e+00	3.3280e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	-1.4376e+01	3.7845e+00	4.6373e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.4171e+01	5.6446e+00	1.7393e-01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.4562e+01	9.3906e+00	-1.1354e+00
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	-2.4417e+01	1.0199e+01	9.2627e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	-1.6791e+01	1.4060e+00	1.3421e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-1.5466e+01	5.6870e+00	7.4993e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-1.8113e+01	9.8022e+00	3.3415e+00
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	-4.1429e+01	1.0184e+01	1.5795e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-2.7152e+01	-3.8762e+00	2.6949e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-1.9876e+01	7.3394e+00	1.8657e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-2.8238e+01	1.1355e+01	7.5031e+00
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	-1.0871e+02	-2.3728e+00	1.7047e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-3.2309e+01	-1.5175e+01	4.6098e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-3.3845e+01	9.9306e+00	3.4411e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-5.3865e+01	2.2604e+01	5.3604e+00
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.0559e+01	-8.3645e+01	-2.1695e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-3.7614e+02	-1.0370e+02	7.6448e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-6.3517e+01	7.5681e+01	1.0856e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	-1.4310e+02	-1.4391e+01	1.0422e+01
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	-2.8615e+01	-9.4288e+00	-8.7081e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	-3.5074e+01	3.2992e+00	-1.2324e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	-7.7126e+01	-2.3553e+01	-1.0725e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	6.8028e+00	-1.4311e+01	-7.1090e+00
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	-2.2014e+01	9.6447e+00	-4.4367e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-2.5779e+01	8.1695e+00	-9.9117e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	-2.8253e+01	5.4076e+00	-7.9816e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	-2.9585e+01	-2.7503e-01	-2.5067e+00
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	-1.6523e+01	1.1894e+01	-5.2072e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-1.8744e+01	1.0829e+01	-9.4528e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-2.4065e+01	9.3571e+00	-9.6565e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	-1.8992e+01	8.7355e+00	-5.4109e+00
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	-1.3238e+01	1.2642e+01	-4.2500e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.5482e+01	1.0913e+01	-6.2894e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-1.7510e+01	1.0537e+01	-7.5625e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	-1.4953e+01	1.1584e+01	-5.5230e+00
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	-1.2930e+01	1.2571e+01	-2.9283e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.5096e+01	1.0753e+01	-2.8439e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.5119e+01	1.0855e+01	-4.4220e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	-1.2752e+01	1.2478e+01	-4.5064e+00
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	-1.5678e+01	1.2124e+01	-1.8258e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-1.7929e+01	1.0711e+01	6.3485e-01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.5572e+01	1.1081e+01	-8.0667e-01
	758	0.0000e+00	0.0000e+00	0.0000e+00	-1.3520e+01	1.2810e+01	-3.2673e+00
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	-2.1988e+01	1.0454e+01	-2.1650e+00

	766	0.0000e+00	0.0000e+00	0.0000e+00	-2.5212e+01	1.1103e+01	3.3974e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-1.9399e+01	1.1406e+01	2.9574e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	-1.7594e+01	1.3015e+01	-2.6051e+00
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	-2.9809e+01	4.4613e+00	-6.6096e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	-4.1493e+01	1.1831e+01	2.9690e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	-2.8024e+01	1.1519e+01	6.1378e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	-2.5702e+01	1.1981e+01	-3.4408e+00
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	-3.6844e+01	-1.4107e+01	-1.8336e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-5.7455e+01	9.5615e+00	-1.0318e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-4.4668e+01	7.6238e+00	1.1706e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	-3.4919e+01	6.2476e+00	-6.8473e+00
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	-2.7544e+01	-4.0036e+01	-2.5273e+00
	665	0.0000e+00	0.0000e+00	0.0000e+00	-6.7842e+01	-5.0928e+01	-4.4641e+00
	764	0.0000e+00	0.0000e+00	0.0000e+00	-7.1631e+01	-3.8821e+01	-1.5157e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	-2.7309e+01	-2.6403e+01	-1.3220e+01
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.3293e+01	-8.2433e+00	-4.8406e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	-2.1141e+01	9.9071e-01	-6.3025e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	-5.4300e+01	-1.7561e+01	-5.8759e+00
	753	0.0000e+00	0.0000e+00	0.0000e+00	1.7184e+01	-9.2569e+00	-4.4141e+00
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	-1.0125e+01	6.8784e+00	-5.7852e-01
	761	0.0000e+00	0.0000e+00	0.0000e+00	-1.8536e+01	6.8929e+00	-2.1779e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	-1.6653e+01	1.7589e+00	-1.0786e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.4943e+01	-6.2294e-01	5.2075e-01
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	-8.2995e+00	1.0793e+01	-2.2215e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	-1.4017e+01	1.1596e+01	-4.3695e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	-1.7269e+01	9.5352e+00	-2.9946e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	-8.9888e+00	7.3414e+00	-8.4659e-01
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	-6.6899e+00	1.2413e+01	-3.2123e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	-1.1639e+01	1.2841e+01	-4.4480e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	-1.3102e+01	1.2320e+01	-3.6519e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	-7.4950e+00	1.1012e+01	-2.4162e+00
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	-6.5615e+00	1.2377e+01	-4.2682e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	-1.1526e+01	1.3101e+01	-4.1125e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	-1.1373e+01	1.3045e+01	-3.4880e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	-6.4290e+00	1.2408e+01	-3.6437e+00
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	-7.9868e+00	1.1131e+01	-5.7557e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	-1.3897e+01	1.2838e+01	-4.1173e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	-1.1880e+01	1.3001e+01	-3.1115e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	-6.9970e+00	1.2515e+01	-4.7499e+00
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	-1.0368e+01	7.8453e+00	-8.2468e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	-1.8577e+01	1.1491e+01	-5.5047e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	-1.4857e+01	1.2180e+01	-3.4493e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	-9.0566e+00	1.1345e+01	-6.1914e+00
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	-1.1613e+01	6.5975e-01	-1.1489e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	-2.4366e+01	6.1100e+00	-9.1426e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	-2.0119e+01	9.1984e+00	-5.8305e+00
	746	0.0000e+00	0.0000e+00	0.0000e+00	-1.1556e+01	7.4282e+00	-8.1765e+00
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	-9.8116e+00	-1.0951e+01	-1.0956e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	-2.3697e+01	-1.1711e+01	-1.3193e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	-2.6342e+01	1.1839e+00	-1.2038e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	-1.1272e+01	-2.0947e+00	-9.8004e+00
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	-5.8662e+00	-2.0892e+01	-1.0391e+00
	654	0.0000e+00	0.0000e+00	0.0000e+00	-2.2197e+01	-3.1907e+01	-3.9212e+00
	754	0.0000e+00	0.0000e+00	0.0000e+00	-2.6638e+01	-2.1022e+01	-1.1174e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	-6.7141e+00	-1.6226e+01	-8.2919e+00
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	3.8714e-01	-6.3794e+00	-3.1831e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	-6.8440e+00	1.5292e+00	-3.9068e+00
	753	0.0000e+00	0.0000e+00	0.0000e+00	-3.5304e+01	-1.2363e+01	-3.3710e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	2.7519e+01	-5.6222e+00	-2.6474e+00
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	2.3115e+00	5.2709e+00	8.1068e-01
	751	0.0000e+00	0.0000e+00	0.0000e+00	-6.8171e+00	5.4830e+00	5.8394e-01
	752	0.0000e+00	0.0000e+00	0.0000e+00	-3.6882e+00	1.0457e+00	1.2284e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.2334e+00	-1.4701e-01	1.4551e+00

1854	740	0.0000e+00	0.0000e+00	0.0000e+00	2.5510e+00	8.6628e+00	-1.0049e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	-4.8290e+00	1.0403e+01	-1.6218e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	-6.0781e+00	7.8460e+00	3.4911e-02
	741	0.0000e+00	0.0000e+00	0.0000e+00	2.6682e+00	5.9742e+00	6.5185e-01
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	2.9848e+00	1.0386e+01	-2.8587e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	-3.6933e+00	1.2141e+01	-3.2879e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	-4.2485e+00	1.1316e+01	-1.5062e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	2.7524e+00	9.1867e+00	-1.0769e+00
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	2.9972e+00	1.0371e+01	-5.0155e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	-3.6397e+00	1.2413e+01	-4.9254e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	-3.5299e+00	1.2409e+01	-3.1055e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	3.0526e+00	1.0484e+01	-3.1956e+00
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	2.6454e+00	8.9506e+00	-7.3015e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	-4.6633e+00	1.1426e+01	-6.7497e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	-3.8388e+00	1.2107e+01	-4.7844e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	2.8334e+00	1.0298e+01	-5.3362e+00
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	2.4697e+00	5.8029e+00	-9.4191e+00
	746	0.0000e+00	0.0000e+00	0.0000e+00	-6.0564e+00	8.4420e+00	-8.9667e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	-5.1690e+00	1.0396e+01	-6.9147e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	2.4125e+00	8.5622e+00	-7.3671e+00
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	3.2995e+00	5.5290e-01	-1.0175e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	-6.2607e+00	1.7324e+00	-1.0837e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	-6.7895e+00	6.2720e+00	-9.5502e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	2.6141e+00	4.6464e+00	-8.8885e+00
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	5.4134e+00	-5.9531e+00	-7.4711e+00
	744	0.0000e+00	0.0000e+00	0.0000e+00	-4.2336e+00	-9.0707e+00	-9.6689e+00
	745	0.0000e+00	0.0000e+00	0.0000e+00	-7.1189e+00	-1.5220e+00	-1.1016e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	4.2658e+00	-1.7035e+00	-8.8179e+00
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	7.0173e+00	-1.0473e+01	-9.2008e-01
	643	0.0000e+00	0.0000e+00	0.0000e+00	-2.7962e+00	-1.6792e+01	-2.3058e+00
	744	0.0000e+00	0.0000e+00	0.0000e+00	-5.0326e+00	-1.2374e+01	-7.0734e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	6.7110e+00	-8.2993e+00	-5.6877e+00
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	1.2893e+01	-4.8744e+00	-2.3896e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	6.3322e+00	2.3882e+00	-2.7632e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.8833e+01	-8.6769e+00	-1.9490e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	3.7373e+01	-3.1893e+00	-1.5755e+00
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	1.4304e+01	4.1087e+00	1.1113e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	5.4433e+00	4.4554e+00	1.3146e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	8.7492e+00	1.2276e+00	1.9034e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	1.1371e+01	2.9074e-01	1.7001e+00
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	1.3944e+01	6.4304e+00	-7.5903e-01
	740	0.0000e+00	0.0000e+00	0.0000e+00	6.1790e+00	8.4851e+00	-7.1361e-01
	741	0.0000e+00	0.0000e+00	0.0000e+00	5.8409e+00	6.2410e+00	9.7010e-01
	731	0.0000e+00	0.0000e+00	0.0000e+00	1.4366e+01	4.6253e+00	9.2467e-01
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	1.3826e+01	7.7839e+00	-2.8720e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	6.5247e+00	1.0030e+01	-2.8532e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	6.5178e+00	9.2143e+00	-7.7937e-01
	730	0.0000e+00	0.0000e+00	0.0000e+00	1.3867e+01	6.9396e+00	-7.9823e-01
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	1.3753e+01	7.8029e+00	-5.2637e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	6.5617e+00	1.0174e+01	-5.2178e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	6.5982e+00	1.0261e+01	-3.0471e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	1.3801e+01	7.8995e+00	-3.0930e+00
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	1.3847e+01	6.7527e+00	-7.4647e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	6.3981e+00	8.9789e+00	-7.4872e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	6.4389e+00	9.8966e+00	-5.4462e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	1.3765e+01	7.6736e+00	-5.4237e+00
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	1.4295e+01	4.6971e+00	-8.9011e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	6.4887e+00	6.1385e+00	-9.2626e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	6.1176e+00	8.1856e+00	-7.7411e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	1.4003e+01	6.3102e+00	-7.3797e+00
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	1.5240e+01	1.7956e+00	-8.6427e+00
	735	0.0000e+00	0.0000e+00	0.0000e+00	7.3405e+00	1.3737e+00	-9.5890e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	6.0972e+00	4.8328e+00	-9.3144e+00

	726	0.0000e+00	0.0000e+00	0.0000e+00	1.4747e+01	3.8122e+00	-8.3681e+00
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	1.6514e+01	-1.3590e+00	-5.8505e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	8.7086e+00	-4.3289e+00	-7.1244e+00
	735	0.0000e+00	0.0000e+00	0.0000e+00	6.9072e+00	-2.1009e-01	-8.8232e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	1.5978e+01	5.2341e-01	-7.5493e+00
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	1.7139e+01	-3.6157e+00	-9.7772e-01
	632	0.0000e+00	0.0000e+00	0.0000e+00	9.4698e+00	-7.8074e+00	-1.5829e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	8.3875e+00	-5.6311e+00	-4.9699e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	1.7111e+01	-2.4394e+00	-4.3646e+00
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	2.4431e+01	-3.8193e+00	-1.9407e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	1.8403e+01	2.9909e+00	-2.1568e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	-4.2277e+00	-6.1619e+00	-1.1656e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	4.6665e+01	-1.5126e+00	-9.4943e-01
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	2.5554e+01	2.9550e+00	9.9870e-01
	731	0.0000e+00	0.0000e+00	0.0000e+00	1.7282e+01	3.4856e+00	1.2948e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	2.0412e+01	1.4117e+00	1.9978e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	2.2967e+01	4.0998e-01	1.7016e+00
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	2.4871e+01	4.2554e+00	-1.0010e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	1.7486e+01	6.3397e+00	-6.7364e-01
	731	0.0000e+00	0.0000e+00	0.0000e+00	1.7481e+01	4.7514e+00	1.0255e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	2.5476e+01	3.1316e+00	6.9814e-01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	2.4429e+01	5.2302e+00	-3.1033e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	1.7410e+01	7.4477e+00	-2.8415e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	1.7641e+01	6.8522e+00	-7.9782e-01
	720	0.0000e+00	0.0000e+00	0.0000e+00	2.4678e+01	4.6145e+00	-1.0597e+00
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	2.4310e+01	5.3507e+00	-5.2753e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	1.7383e+01	7.5651e+00	-5.2307e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	1.7398e+01	7.6427e+00	-3.1645e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	2.4377e+01	5.3529e+00	-3.2091e+00
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	2.4638e+01	4.8380e+00	-7.1103e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	1.7526e+01	6.7292e+00	-7.3574e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	1.7295e+01	7.4001e+00	-5.5398e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	2.4416e+01	5.3289e+00	-5.2927e+00
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	2.5295e+01	4.0034e+00	-8.1734e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	1.7946e+01	5.0025e+00	-8.6821e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	1.7366e+01	6.2807e+00	-7.4910e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	2.4941e+01	4.6831e+00	-6.9823e+00
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	2.6002e+01	3.2320e+00	-7.7857e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	1.8595e+01	2.5921e+00	-8.3992e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	1.7680e+01	4.4113e+00	-8.3854e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	2.5792e+01	3.7412e+00	-7.7719e+00
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	2.6549e+01	2.6266e+00	-5.3349e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	1.9144e+01	9.7066e-02	-5.8190e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	1.8234e+01	2.0278e+00	-7.3818e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	2.6571e+01	2.9051e+00	-6.8976e+00
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	2.6722e+01	1.7268e+00	-1.1452e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	1.9365e+01	-1.5397e+00	-1.3256e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	1.8858e+01	-3.5570e-01	-4.0574e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	2.6898e+01	2.3330e+00	-3.8769e+00
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	3.5017e+01	-3.1661e+00	-1.6459e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	2.9459e+01	3.2693e+00	-1.7854e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	8.9098e+00	-4.2979e+00	-7.9390e-01
	713	0.0000e+00	0.0000e+00	0.0000e+00	5.5310e+01	-2.4000e-02	-6.5436e-01
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	3.5569e+01	1.4912e+00	5.1889e-01
	721	0.0000e+00	0.0000e+00	0.0000e+00	2.8345e+01	2.2628e+00	9.5057e-01
	722	0.0000e+00	0.0000e+00	0.0000e+00	3.1269e+01	1.3344e+00	1.9237e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	3.3436e+01	-1.5418e-02	1.4920e+00
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	3.4234e+01	2.1817e+00	-1.7721e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	2.8153e+01	4.0659e+00	-1.0706e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	2.8345e+01	3.1821e+00	6.6247e-01
	711	0.0000e+00	0.0000e+00	0.0000e+00	3.5330e+01	1.2884e+00	-3.9064e-02
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	3.3372e+01	3.1317e+00	-3.5745e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	2.7692e+01	4.9022e+00	-3.0419e+00

	720	0.0000e+00	0.0000e+00	0.0000e+00	2.8077e+01	4.5089e+00	-1.2826e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	3.3964e+01	2.4442e+00	-1.8151e+00
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	3.3329e+01	3.4712e+00	-5.0588e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	2.7584e+01	5.1930e+00	-5.0568e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	2.7581e+01	5.1225e+00	-3.4484e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	3.3335e+01	3.3379e+00	-3.4504e+00
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	3.4223e+01	3.3225e+00	-6.2259e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	2.7976e+01	4.9312e+00	-6.8084e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	2.7579e+01	5.0922e+00	-5.4012e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	3.3551e+01	3.6332e+00	-4.8188e+00
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	3.5690e+01	3.2239e+00	-7.0588e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	2.8682e+01	4.4256e+00	-7.9510e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	2.8034e+01	4.6407e+00	-6.8898e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	3.4701e+01	3.5291e+00	-5.9976e+00
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	3.6918e+01	4.0780e+00	-7.1320e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	2.9243e+01	4.0966e+00	-7.7802e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	2.8620e+01	4.2249e+00	-7.5215e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	3.6352e+01	3.6795e+00	-6.8732e+00
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	3.7271e+01	6.0993e+00	-5.4446e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	2.9252e+01	4.0572e+00	-5.4598e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	2.8887e+01	4.2172e+00	-6.6714e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	3.7608e+01	4.8164e+00	-6.6563e+00
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	3.7370e+01	6.8170e+00	-1.3301e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	2.9025e+01	3.6853e+00	-1.2563e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	2.8804e+01	4.2358e+00	-3.8595e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	3.7726e+01	6.7791e+00	-3.9333e+00
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	4.4270e+01	-3.2242e+00	-1.8196e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	3.9464e+01	3.1261e+00	-1.6921e+00
	713	0.0000e+00	0.0000e+00	0.0000e+00	2.0699e+01	-2.4477e+00	-7.4187e-01
	703	0.0000e+00	0.0000e+00	0.0000e+00	6.3270e+01	1.8311e+00	-8.6939e-01
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	4.2818e+01	-5.0281e-01	-1.1961e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	3.8063e+01	3.1854e-01	9.1064e-02
	712	0.0000e+00	0.0000e+00	0.0000e+00	4.1159e+01	7.6901e-01	1.6623e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	4.2084e+01	-1.8350e+00	3.7514e-01
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	3.9886e+01	6.2259e-01	-3.6530e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	3.6891e+01	1.6993e+00	-1.9777e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	3.7580e+01	1.3191e+00	-3.9868e-01
	701	0.0000e+00	0.0000e+00	0.0000e+00	4.2271e+01	-1.0465e+00	-2.0740e+00
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	3.8430e+01	2.2080e+00	-4.3289e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	3.5731e+01	2.8389e+00	-3.3713e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	3.6410e+01	2.3887e+00	-2.4281e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	3.9508e+01	9.6345e-01	-3.3857e+00
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	3.8727e+01	2.9168e+00	-4.2720e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	3.5642e+01	3.5243e+00	-4.4810e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	3.5528e+01	3.1729e+00	-3.9154e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	3.8457e+01	2.5474e+00	-3.7064e+00
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	4.0852e+01	2.7809e+00	-4.0268e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	3.6761e+01	3.6878e+00	-5.4279e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	3.5860e+01	3.3670e+00	-4.9164e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	3.9182e+01	3.1588e+00	-3.5153e+00
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	4.4512e+01	2.3702e+00	-4.1269e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	3.8702e+01	3.9141e+00	-6.3872e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	3.7346e+01	3.1849e+00	-5.6369e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	4.1720e+01	3.0931e+00	-3.3766e+00
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	4.8706e+01	3.2636e+00	-4.8994e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	4.0376e+01	5.1502e+00	-7.0878e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	3.9358e+01	3.4967e+00	-6.1072e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	4.5709e+01	3.2455e+00	-3.9187e+00
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	5.0418e+01	8.2858e+00	-5.4255e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	4.0745e+01	7.6459e+00	-5.8114e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	4.0411e+01	5.5469e+00	-5.9097e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	5.0043e+01	5.1213e+00	-5.5238e+00
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	5.1278e+01	1.2958e+01	-1.3814e+00



	599	0.0000e+00	0.0000e+00	0.0000e+00	3.9919e+01	9.0987e+00	-1.1640e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	3.9846e+01	8.7990e+00	-4.0508e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	5.1751e+01	1.1233e+01	-4.2682e+00
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	4.9444e+01	-6.8828e+00	-5.0400e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	4.8445e+01	1.5254e+00	-3.0600e+00
	703	0.0000e+00	0.0000e+00	0.0000e+00	3.0484e+01	-2.6885e-02	-9.5276e-01
	693	0.0000e+00	0.0000e+00	0.0000e+00	7.1038e+01	3.7874e+00	-2.9327e+00
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	4.2454e+01	-3.8677e+00	-6.6226e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	4.4804e+01	-2.9394e+00	-2.4349e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	4.8990e+01	-1.0459e+00	-1.7349e-01
	691	0.0000e+00	0.0000e+00	0.0000e+00	4.5952e+01	-5.0474e+00	-4.3613e+00
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	3.7709e+01	-4.1836e-01	-7.0412e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	4.1036e+01	-9.1257e-02	-3.9536e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	4.2709e+01	-9.6170e-01	-3.7147e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	4.1702e+01	-1.1555e+00	-6.8023e+00
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	3.6233e+01	2.7812e+00	-4.9905e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	3.8903e+01	2.1719e+00	-3.8555e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	3.9833e+01	1.0363e+00	-4.8090e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	3.7386e+01	2.5055e+00	-5.9439e+00
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	3.7357e+01	4.3292e+00	-2.3602e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	3.9142e+01	3.3496e+00	-3.1281e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	3.8586e+01	2.5640e+00	-4.4959e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	3.6503e+01	4.5663e+00	-3.7280e+00
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	4.1089e+01	4.4049e+00	3.9904e-01
	697	0.0000e+00	0.0000e+00	0.0000e+00	4.1662e+01	3.5364e+00	-2.2570e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	3.9649e+01	3.0252e+00	-3.6103e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	3.8229e+01	5.1069e+00	-9.5426e-01
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	4.7835e+01	3.2175e+00	2.6903e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	4.6317e+01	3.4653e+00	-1.9552e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	4.3019e+01	2.5403e+00	-2.7213e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	4.2609e+01	4.4582e+00	1.9242e+00
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	5.8593e+01	1.1638e+00	3.0614e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	5.1867e+01	4.7529e+00	-3.4071e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	4.8558e+01	1.9548e+00	-2.3428e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	5.0033e+01	3.2237e+00	4.1257e+00
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	6.9124e+01	9.3075e-01	-1.3782e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	5.6495e+01	1.0213e+01	-6.9182e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	5.4209e+01	3.3887e+00	-3.0060e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	6.1244e+01	4.1424e+00	2.5340e+00
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	7.6437e+01	1.7779e+01	-5.9590e-02
	588	0.0000e+00	0.0000e+00	0.0000e+00	5.4617e+01	1.6471e+01	-1.3739e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	5.3739e+01	1.3392e+01	-4.3263e+00
	675	0.0000e+00	0.0000e+00	0.0000e+00	7.4904e+01	1.8521e+01	-3.0120e+00
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	3.3131e+01	-1.5177e+00	-2.4225e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	5.4693e+01	-6.3078e+00	-7.7956e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	3.4725e+01	1.8100e+00	8.2695e-01
	11	0.0000e+00	0.0000e+00	0.0000e+00	8.3245e+01	-2.1777e+01	-1.5602e+01
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	2.5179e+01	1.0632e+01	-1.4284e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	3.8986e+01	-6.2141e+00	-5.7386e+00
	691	0.0000e+00	0.0000e+00	0.0000e+00	5.2500e+01	-4.8898e+00	-7.8022e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	2.7344e+01	-1.7237e+01	-1.6347e+01
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	2.2989e+01	1.3127e+01	-8.7794e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	3.3056e+01	3.0726e-01	-5.5282e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	3.8922e+01	-2.0974e+00	-8.5756e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	2.3088e+01	-8.2739e+00	-1.1827e+01
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	2.3446e+01	1.3693e+01	-3.8448e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	3.1990e+01	3.8504e+00	-3.2429e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	3.4330e+01	2.0042e+00	-6.4198e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	2.2210e+01	-9.1295e-01	-7.0217e+00
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	2.5895e+01	1.2949e+01	1.1995e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	3.3774e+01	5.4485e+00	-2.1750e-01
	685	0.0000e+00	0.0000e+00	0.0000e+00	3.3440e+01	4.4838e+00	-3.6001e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	2.3629e+01	4.3571e+00	-2.1831e+00

1917	682	0.0000e+00	0.0000e+00	0.0000e+00	3.0433e+01	1.1310e+01	6.7560e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	3.8221e+01	5.5425e+00	3.2877e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	3.5358e+01	5.2996e+00	-4.1972e-01
	684	0.0000e+00	0.0000e+00	0.0000e+00	2.6933e+01	7.6142e+00	3.0486e+00
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	3.7871e+01	9.1295e+00	1.3183e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	4.6156e+01	4.5273e+00	7.0078e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	4.0241e+01	4.5541e+00	2.8943e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	3.2455e+01	8.9194e+00	9.0694e+00
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	5.0473e+01	7.0943e+00	2.0922e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	6.0003e+01	3.2858e+00	1.0184e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	4.9414e+01	2.1146e+00	5.7564e+00
	680	0.0000e+00	0.0000e+00	0.0000e+00	4.1360e+01	7.9583e+00	1.6494e+01
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	7.3936e+01	7.8830e+00	2.9460e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	8.7214e+01	7.5433e+00	9.0276e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	6.7105e+01	-3.0693e+00	6.0420e+00
	678	0.0000e+00	0.0000e+00	0.0000e+00	5.6554e+01	3.0997e+00	2.6475e+01
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	2.0023e+02	2.9054e+01	3.1666e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	5.9515e+01	2.9680e+01	-6.8797e+00
	675	0.0000e+00	0.0000e+00	0.0000e+00	1.0138e+02	9.3659e+00	8.3293e+00
	676	0.0000e+00	0.0000e+00	0.0000e+00	8.7638e+01	-2.3164e+01	4.6875e+01
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	-1.3329e+02	1.2213e+00	-1.0349e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-5.3419e+01	6.8263e+01	-1.0896e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	-3.6950e+02	-7.5862e+01	-7.0306e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.6239e+01	-8.5430e+01	2.8307e+01
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	-4.4043e+01	2.0631e+01	-7.5728e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	-2.6289e+01	1.0007e+01	-3.3144e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-2.7193e+01	-9.1964e+00	-4.6310e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-9.4749e+01	6.2736e+00	-2.0739e+01
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	-2.1976e+01	1.0427e+01	-9.0647e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	-1.4852e+01	6.4751e+00	-1.7650e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-1.9879e+01	-6.9612e-01	-2.5495e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-3.4278e+01	1.0899e+01	-1.6909e+01
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	-1.3791e+01	8.3807e+00	-5.2287e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-1.1318e+01	4.9841e+00	-8.4141e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	-1.2255e+01	2.5479e+00	-1.3508e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-1.9283e+01	9.2466e+00	-1.0323e+01
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.1123e+01	7.5248e+00	-1.4275e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-1.0022e+01	4.4501e+00	-2.4790e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-1.0359e+01	3.7711e+00	-6.1866e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	-1.2908e+01	8.0443e+00	-5.1351e+00
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	-1.1600e+01	7.3033e+00	2.4031e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-9.9351e+00	3.7083e+00	2.7323e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-9.8551e+00	4.2290e+00	-6.9770e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.1015e+01	7.4317e+00	-1.0269e+00
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	-1.5775e+01	7.4928e+00	6.7353e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.1140e+01	2.3461e+00	8.8380e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-1.0490e+01	4.3426e+00	4.6951e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	-1.2181e+01	7.4063e+00	2.5924e+00
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	-2.6395e+01	7.7617e+00	1.1847e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.6783e+01	-6.8963e-01	1.8008e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.2992e+01	4.9675e+00	1.2103e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-1.7750e+01	8.2192e+00	5.9415e+00
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	-6.9459e+01	2.7319e+00	1.4912e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-2.2657e+01	-8.4011e+00	3.3297e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-2.1532e+01	6.7108e+00	2.3716e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-3.3478e+01	1.4565e+01	5.3316e+00
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	-9.9640e+00	-6.1273e+01	-1.4159e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	-2.6616e+02	-6.8031e+01	5.4183e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-4.2530e+01	4.8548e+01	7.7038e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-9.5660e+01	-3.5053e+00	8.6963e+00
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	-2.9896e+01	-2.3988e+01	1.1859e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-7.1904e+01	-2.4574e+01	1.5201e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-6.7712e+01	-5.4125e+01	7.1426e+00

	654	0.0000e+00	0.0000e+00	0.0000e+00	-2.7345e+01	-3.8741e+01	3.8015e+00
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	-3.4033e+01	1.0136e+01	4.9319e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	-3.9509e+01	1.0847e+01	-5.9469e+00
	664	0.0000e+00	0.0000e+00	0.0000e+00	-5.7101e+01	1.3220e+01	6.5690e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	-3.8398e+01	-1.0874e+01	1.7448e+01
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	-2.2224e+01	1.1687e+01	7.4831e-01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-2.3078e+01	1.1480e+01	-8.5071e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	-3.6570e+01	1.1430e+01	-5.9473e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	-2.7413e+01	6.1502e+00	3.3081e+00
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	-1.4314e+01	1.0914e+01	-3.6036e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	-1.5092e+01	9.8216e+00	-5.1768e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	-2.0518e+01	9.7545e+00	-5.6746e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	-1.8609e+01	9.6486e+00	-8.5815e-01
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	-1.0972e+01	9.8743e+00	-1.3600e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.1970e+01	8.7035e+00	-1.9470e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	-1.3849e+01	8.7736e+00	-3.0803e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	-1.2748e+01	9.8489e+00	-1.2693e+00
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.1163e+01	9.1773e+00	4.2522e-01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-1.2365e+01	8.1530e+00	9.5884e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.1729e+01	8.4185e+00	-1.6215e-01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-1.0722e+01	9.6158e+00	-6.9578e-01
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	-1.4671e+01	8.2370e+00	3.6398e-01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-1.6562e+01	8.1161e+00	3.3887e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	-1.3046e+01	8.5544e+00	2.7858e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.2083e+01	9.6283e+00	-2.3892e-01
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	-2.0472e+01	4.9075e+00	-2.2657e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	-2.7651e+01	8.4423e+00	4.0204e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	-1.8304e+01	9.0060e+00	5.6054e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	-1.7132e+01	9.3997e+00	-6.8072e-01
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	-2.8012e+01	-7.7636e+00	-1.1358e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-4.1229e+01	8.3503e+00	-4.1458e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	-2.9766e+01	7.4515e+00	4.0436e+00
	646	0.0000e+00	0.0000e+00	0.0000e+00	-2.4919e+01	7.3354e+00	-3.1682e+00
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	-2.0685e+01	-2.6867e+01	-3.5895e-01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-4.9816e+01	-3.7931e+01	-1.9353e+00
	656	0.0000e+00	0.0000e+00	0.0000e+00	-5.2046e+01	-2.0021e+01	-8.9273e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	-2.1637e+01	-1.7228e+01	-7.3509e+00
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	-7.0763e+00	-1.6052e+01	8.6259e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	-2.7558e+01	-1.9487e+01	1.1818e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	-2.2494e+01	-3.1048e+01	4.9717e+00
	643	0.0000e+00	0.0000e+00	0.0000e+00	-5.6981e+00	-2.0915e+01	1.7797e+00
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.2164e+01	-6.6227e-01	8.5859e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	-2.5486e+01	4.0959e+00	1.0076e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-2.3563e+01	-8.6413e+00	1.3024e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.1079e+01	-9.7246e+00	1.1533e+01
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	-1.1200e+01	7.1401e+00	5.6600e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	-1.7956e+01	9.3864e+00	2.5347e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	-2.3564e+01	7.1642e+00	6.6279e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.1900e+01	1.2983e+00	9.7533e+00
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	-8.1075e+00	9.1059e+00	2.8178e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	-1.2434e+01	1.0322e+01	2.6943e-02
	651	0.0000e+00	0.0000e+00	0.0000e+00	-1.6516e+01	1.0190e+01	2.3653e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	-9.6592e+00	6.7715e+00	5.1562e+00
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	-6.2100e+00	9.0443e+00	6.8673e-01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-9.8498e+00	9.9652e+00	-6.2350e-01
	650	0.0000e+00	0.0000e+00	0.0000e+00	-1.1625e+01	1.0204e+01	6.9658e-01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-7.0791e+00	8.5083e+00	2.0068e+00
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	-6.1216e+00	8.2590e+00	-1.1971e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.0109e+01	9.4960e+00	-9.1509e-01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-9.6766e+00	9.7972e+00	2.1114e-01
	638	0.0000e+00	0.0000e+00	0.0000e+00	-5.9852e+00	8.8022e+00	-7.0819e-02
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	-7.4902e+00	6.4151e+00	-3.5059e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	-1.2957e+01	8.7320e+00	-1.8905e+00

	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.0541e+01	9.3228e+00	-2.3772e-01
	637	0.0000e+00	0.0000e+00	0.0000e+00	-6.6468e+00	8.3641e+00	-1.8531e+00
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	-8.8677e+00	1.9539e+00	-6.5283e+00
	646	0.0000e+00	0.0000e+00	0.0000e+00	-1.7558e+01	5.7729e+00	-4.5350e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	-1.3940e+01	7.9208e+00	-1.8387e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	-8.4627e+00	6.3962e+00	-3.8320e+00
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	-8.3428e+00	-6.2020e+00	-7.2880e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	-1.7475e+01	-6.0230e+00	-8.3465e+00
	646	0.0000e+00	0.0000e+00	0.0000e+00	-1.8956e+01	3.4408e+00	-6.6895e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	-8.9985e+00	3.3594e-01	-5.6310e+00
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	-5.1695e+00	-1.3932e+01	-1.3984e-01
	644	0.0000e+00	0.0000e+00	0.0000e+00	-1.7571e+01	-2.1146e+01	-1.7832e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	-2.0367e+01	-1.3576e+01	-6.9113e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	-5.6903e+00	-1.0627e+01	-5.2679e+00
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	6.3286e+00	-9.0709e+00	5.8348e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	-5.6667e+00	-1.2335e+01	7.5146e+00
	643	0.0000e+00	0.0000e+00	0.0000e+00	-3.1479e+00	-1.6840e+01	2.7493e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	7.2004e+00	-1.0659e+01	1.0695e+00
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	3.2541e+00	-2.3782e+00	7.9997e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	-7.7508e+00	-1.0292e+00	1.0191e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-4.3901e+00	-8.1542e+00	9.9436e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	4.3162e+00	-6.3149e+00	7.7523e+00
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	1.5454e+00	3.0863e+00	6.6110e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	-6.8204e+00	5.5534e+00	6.9329e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	-6.7744e+00	2.0155e+00	9.3772e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	2.1491e+00	-3.6145e-01	9.0553e+00
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	1.4376e+00	5.7015e+00	3.8483e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	-4.8924e+00	8.0304e+00	3.2522e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	-6.1511e+00	7.0072e+00	6.0733e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	1.4932e+00	3.7452e+00	6.6694e+00
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	1.7200e+00	6.3725e+00	8.9149e-01
	638	0.0000e+00	0.0000e+00	0.0000e+00	-3.7149e+00	8.5189e+00	4.6915e-01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-4.5302e+00	8.4810e+00	2.9503e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	1.6829e+00	5.7101e+00	3.3727e+00
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	1.6991e+00	5.9011e+00	-1.9374e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	-3.7620e+00	8.1016e+00	-1.8391e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	-3.6729e+00	8.5196e+00	4.1118e-01
	627	0.0000e+00	0.0000e+00	0.0000e+00	1.8083e+00	6.2604e+00	3.1290e-01
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	1.5161e+00	4.2604e+00	-4.5147e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	-4.6383e+00	6.5624e+00	-4.1663e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	-4.0249e+00	7.7201e+00	-1.9919e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	1.6059e+00	5.7130e+00	-2.3403e+00
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	1.8455e+00	1.0077e+00	-6.1253e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	-5.0143e+00	2.5226e+00	-6.3347e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	-5.1628e+00	5.4414e+00	-4.6550e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	1.5713e+00	3.6274e+00	-4.4456e+00
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	3.1362e+00	-3.5648e+00	-5.0305e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	-3.5573e+00	-4.9803e+00	-6.4118e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	-5.7736e+00	2.8804e-01	-6.7065e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	2.5646e+00	-5.4362e-01	-5.3252e+00
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	4.6696e+00	-6.9305e+00	-4.4750e-01
	633	0.0000e+00	0.0000e+00	0.0000e+00	-3.2900e+00	-1.0967e+01	-1.2175e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	-4.5207e+00	-7.9230e+00	-4.4703e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	4.3460e+00	-5.5128e+00	-3.7003e+00
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	1.6790e+01	-3.8546e+00	4.1111e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	7.9304e+00	-6.4194e+00	4.9496e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	9.1920e+00	-7.9792e+00	1.5783e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	1.7221e+01	-3.8628e+00	7.3983e-01
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	1.4996e+01	-1.7703e+00	6.4993e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	5.9571e+00	-1.5031e+00	8.0311e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	8.4302e+00	-4.8971e+00	7.1386e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	1.5615e+01	-2.8611e+00	5.6068e+00
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	1.3092e+01	6.9316e-01	5.8544e+00

	629	0.0000e+00	0.0000e+00	0.0000e+00	4.9550e+00	2.6568e+00	6.9626e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	6.4110e+00	1.5399e-01	8.3787e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	1.3873e+01	-6.8890e-01	7.2706e+00
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	1.1769e+01	2.4338e+00	3.4750e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	4.7801e+00	4.9127e+00	4.0288e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	5.2062e+00	3.7890e+00	6.5150e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	1.2461e+01	1.3406e+00	5.9612e+00
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	1.1002e+01	3.2469e+00	5.4112e-01
	627	0.0000e+00	0.0000e+00	0.0000e+00	4.7752e+00	5.7246e+00	8.2666e-01
	628	0.0000e+00	0.0000e+00	0.0000e+00	4.8352e+00	5.4938e+00	3.4900e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	1.1518e+01	2.6933e+00	3.2045e+00
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	1.0619e+01	3.2456e+00	-2.2645e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	4.6448e+00	5.5291e+00	-2.0938e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	4.6737e+00	5.8770e+00	3.6460e-01
	616	0.0000e+00	0.0000e+00	0.0000e+00	1.0935e+01	3.2884e+00	1.9386e-01
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	1.0614e+01	2.4650e+00	-4.4365e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	4.6080e+00	4.2123e+00	-4.4918e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	4.4125e+00	5.2767e+00	-2.5065e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	1.0698e+01	3.0896e+00	-2.4512e+00
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	1.1099e+01	9.1445e-01	-5.2456e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	5.1392e+00	1.3934e+00	-5.7545e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	4.2580e+00	3.4776e+00	-4.7606e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	1.0953e+01	1.9867e+00	-4.2517e+00
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	1.1997e+01	-1.0763e+00	-3.8943e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	6.2054e+00	-2.5016e+00	-4.7607e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	4.7023e+00	1.9871e-01	-5.4164e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	1.1751e+01	7.2726e-02	-4.5499e+00
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	1.2856e+01	-2.5550e+00	-6.2384e-01
	622	0.0000e+00	0.0000e+00	0.0000e+00	6.3726e+00	-5.0232e+00	-1.0197e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	5.8093e+00	-3.6755e+00	-3.1639e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	1.2620e+01	-1.8945e+00	-2.7680e+00
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	2.6764e+01	1.8002e-01	3.2476e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	1.8536e+01	-1.7911e+00	3.5387e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	1.9157e+01	-1.8121e+00	9.3084e-01
	610	0.0000e+00	0.0000e+00	0.0000e+00	2.6731e+01	1.3851e+00	6.3969e-01
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	2.5744e+01	-9.7024e-01	5.2413e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	1.7328e+01	-7.5934e-01	6.0811e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	1.8908e+01	-1.6149e+00	5.3831e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	2.5860e+01	-2.0664e-02	4.5432e+00
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	2.3867e+01	-1.0065e+00	4.4617e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	1.6067e+01	6.9002e-01	5.6229e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	1.7572e+01	-2.0641e-01	6.8170e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	2.4706e+01	-8.7648e-01	5.6559e+00
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	2.1885e+01	-3.1776e-01	2.2369e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	1.4962e+01	1.9264e+00	3.3449e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	1.6033e+01	1.3608e+00	5.5333e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	2.3051e+01	-7.3203e-01	4.4253e+00
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	2.0406e+01	4.3013e-01	-3.2140e-01
	616	0.0000e+00	0.0000e+00	0.0000e+00	1.4135e+01	2.6950e+00	4.7251e-01
	617	0.0000e+00	0.0000e+00	0.0000e+00	1.4757e+01	2.4741e+00	2.8822e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	2.1387e+01	-3.6544e-02	2.0883e+00
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	1.9654e+01	8.8560e-01	-2.6303e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	1.3673e+01	2.8876e+00	-2.2480e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	1.3889e+01	2.9806e+00	-4.7799e-02
	605	0.0000e+00	0.0000e+00	0.0000e+00	2.0208e+01	6.2224e-01	-4.3010e-01
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	1.9541e+01	1.0479e+00	-4.2869e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	1.3645e+01	2.4211e+00	-4.2983e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	1.3425e+01	2.8800e+00	-2.6341e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	1.9737e+01	9.5525e-01	-2.6227e+00
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	1.9812e+01	1.1099e+00	-4.7436e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	1.4018e+01	1.3083e+00	-5.0300e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	1.3355e+01	2.1714e+00	-4.3410e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	1.9897e+01	1.0043e+00	-4.0546e+00

1980	601	0.0000e+00	0.0000e+00	0.0000e+00	2.0238e+01	1.1429e+00	-3.4314e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	1.4515e+01	-1.0585e-01	-3.7964e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	1.3669e+01	9.2787e-01	-4.4653e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	2.0348e+01	1.0047e+00	-4.1002e+00
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	2.0872e+01	7.8139e-01	-5.5730e-01
	611	0.0000e+00	0.0000e+00	0.0000e+00	1.4581e+01	-1.0799e+00	-8.1865e-01
	612	0.0000e+00	0.0000e+00	0.0000e+00	1.4251e+01	-4.7456e-01	-2.5105e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	2.0674e+01	1.0170e+00	-2.2491e+00
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	3.7974e+01	3.4558e+00	3.1102e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	2.8698e+01	2.0127e+00	2.8893e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	2.8910e+01	3.2482e+00	6.3584e-01
	599	0.0000e+00	0.0000e+00	0.0000e+00	3.7317e+01	6.2710e+00	8.5671e-01
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	3.6987e+01	-1.0465e+00	4.0869e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	2.8265e+01	-2.0678e-01	4.5368e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	2.9270e+01	1.0982e+00	4.5722e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	3.6889e+01	1.8677e+00	4.1223e+00
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	3.4186e+01	-2.7947e+00	2.2661e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	2.6858e+01	-1.1113e+00	3.7973e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	2.8310e+01	-3.9751e-01	5.3760e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	3.5824e+01	-1.8428e+00	3.8448e+00
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	3.1079e+01	-2.5309e+00	6.8804e-02
	606	0.0000e+00	0.0000e+00	0.0000e+00	2.4933e+01	-7.6123e-01	1.8452e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	2.6400e+01	-6.3449e-01	3.8264e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	3.3197e+01	-2.7913e+00	2.0500e+00
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	2.8867e+01	-1.6308e+00	-1.7046e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	2.3332e+01	2.3802e-02	-4.2199e-01
	606	0.0000e+00	0.0000e+00	0.0000e+00	2.4382e+01	-1.4131e-01	1.4405e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	3.0406e+01	-2.1779e+00	1.5791e-01
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	2.7946e+01	-8.0305e-01	-3.0538e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	2.2500e+01	6.8946e-01	-2.5215e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	2.2947e+01	4.3986e-01	-9.0739e-01
	594	0.0000e+00	0.0000e+00	0.0000e+00	2.8572e+01	-1.2666e+00	-1.4396e+00
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	2.8116e+01	-2.7323e-02	-4.0245e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	2.2395e+01	1.1530e+00	-4.1114e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	2.2309e+01	8.4547e-01	-2.8378e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	2.8028e+01	-4.9817e-01	-2.7509e+00
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	2.8687e+01	1.2351e+00	-4.3715e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	2.2633e+01	1.6108e+00	-4.6463e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	2.2249e+01	1.2170e+00	-4.0229e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	2.8517e+01	3.5720e-01	-3.7481e+00
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	2.8974e+01	3.2404e+00	-3.3245e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	2.2768e+01	2.1422e+00	-3.3894e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	2.2331e+01	1.8147e+00	-3.9666e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	2.9280e+01	1.8606e+00	-3.9017e+00
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	2.9686e+01	4.1358e+00	-2.2718e-01
	600	0.0000e+00	0.0000e+00	0.0000e+00	2.2705e+01	2.2107e+00	-4.4601e-01
	601	0.0000e+00	0.0000e+00	0.0000e+00	2.2421e+01	2.3645e+00	-2.2034e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	2.9528e+01	3.9221e+00	-1.9845e+00
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	5.2543e+01	5.8184e+00	3.5089e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	4.0119e+01	5.2273e+00	2.7301e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	4.0062e+01	8.3045e+00	7.9473e-01
	588	0.0000e+00	0.0000e+00	0.0000e+00	5.1028e+01	1.1549e+01	1.5735e+00
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	4.9114e+01	-3.3773e+00	1.5249e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	4.0242e+01	-1.1037e+00	2.6512e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	4.1234e+01	2.8844e+00	4.5317e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	5.0395e+01	1.4313e+00	3.4053e+00
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	4.2884e+01	-4.7527e+00	-2.2083e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	3.7386e+01	-3.4773e+00	1.1035e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	3.9486e+01	-1.3039e+00	3.3795e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	4.7468e+01	-4.5391e+00	6.7746e-02
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	3.7731e+01	-3.6948e+00	-3.5016e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	3.3724e+01	-3.0234e+00	-4.8288e-01
	596	0.0000e+00	0.0000e+00	0.0000e+00	3.6029e+01	-2.5353e+00	8.8907e-01

	585	0.0000e+00	0.0000e+00	0.0000e+00	4.1519e+01	-4.5828e+00	-2.1297e+00
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	3.4716e+01	-2.2553e+00	-3.5342e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	3.1146e+01	-1.8156e+00	-1.7166e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	3.2697e+01	-2.0838e+00	-9.7412e-01
	584	0.0000e+00	0.0000e+00	0.0000e+00	3.6833e+01	-3.1155e+00	-2.7917e+00
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	3.3990e+01	-1.1936e+00	-3.1255e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	3.0152e+01	-7.0446e-01	-2.6805e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	3.0673e+01	-1.2854e+00	-2.1870e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	3.4367e+01	-1.7741e+00	-2.6321e+00
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	3.5321e+01	-4.4582e-01	-2.8004e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	3.0541e+01	3.5893e-01	-3.5301e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	3.0206e+01	-6.0313e-01	-2.9897e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	3.4183e+01	-8.6932e-01	-2.2600e+00
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	3.7923e+01	8.9267e-01	-2.9152e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	3.1499e+01	1.9680e+00	-4.1725e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	3.0909e+01	2.9385e-01	-3.4806e+00
	581	0.0000e+00	0.0000e+00	0.0000e+00	3.5975e+01	-1.9586e-03	-2.2233e+00
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	3.9253e+01	4.9033e+00	-3.0269e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	3.1983e+01	4.3901e+00	-3.3998e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	3.1609e+01	2.3555e+00	-3.4032e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	3.8875e+01	1.8491e+00	-3.0304e+00
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	4.0614e+01	8.5133e+00	3.9576e-01
	589	0.0000e+00	0.0000e+00	0.0000e+00	3.1654e+01	5.8729e+00	1.7649e-01
	590	0.0000e+00	0.0000e+00	0.0000e+00	3.1302e+01	5.4527e+00	-2.0348e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	4.0524e+01	7.1946e+00	-1.8155e+00
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	7.5187e+01	4.2535e+00	2.0588e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	5.5625e+01	6.9379e+00	1.9909e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	5.5166e+01	1.4491e+01	1.8630e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	7.5509e+01	1.7429e+01	1.9308e+00
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	5.7720e+01	-7.7376e+00	-8.9108e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	5.3980e+01	-6.1851e+00	-1.6524e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	5.7309e+01	2.6590e+00	4.4633e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	6.9041e+01	-7.9088e+00	-2.7951e+00
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	4.5749e+01	-6.2382e+00	-1.0703e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	4.5657e+01	-6.0663e+00	-3.8131e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	5.0026e+01	-3.8220e+00	-2.3052e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	5.5286e+01	-6.6384e+00	-9.1947e+00
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	3.8684e+01	-3.2226e+00	-8.4542e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	3.9117e+01	-3.9828e+00	-4.0626e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	4.2800e+01	-4.0785e+00	-4.7083e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	4.3865e+01	-3.5589e+00	-9.0999e+00
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	3.5341e+01	-9.2925e-01	-5.4286e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	3.5599e+01	-2.0204e+00	-3.3272e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	3.7556e+01	-2.7233e+00	-4.6674e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	3.7625e+01	-1.1584e+00	-6.7689e+00
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	3.5175e+01	4.0657e-01	-2.3046e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	3.4865e+01	-6.7317e-01	-2.2541e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	3.5064e+01	-1.4989e+00	-3.7143e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	3.5078e+01	3.1523e-01	-3.7648e+00
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	3.8190e+01	8.4195e-01	5.2133e-01
	581	0.0000e+00	0.0000e+00	0.0000e+00	3.6631e+01	3.1868e-01	-1.4111e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	3.5247e+01	-8.3755e-01	-2.5623e+00
	565	0.0000e+00	0.0000e+00	0.0000e+00	3.5674e+01	9.2064e-01	-6.2986e-01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	4.5025e+01	5.7128e-01	2.1751e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	4.0090e+01	1.9667e+00	-1.6637e+00
	581	0.0000e+00	0.0000e+00	0.0000e+00	3.7940e+01	-4.4863e-01	-1.6675e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	3.9427e+01	9.5433e-01	2.1713e+00
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	5.3122e+01	8.3573e-01	4.5564e-01
	579	0.0000e+00	0.0000e+00	0.0000e+00	4.4085e+01	6.4366e+00	-3.7277e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	4.1962e+01	8.3927e-01	-1.4837e+00
	561	0.0000e+00	0.0000e+00	0.0000e+00	4.6801e+01	1.9930e+00	2.6996e+00
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	5.8941e+01	1.3611e+01	1.9263e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	4.3102e+01	1.1190e+01	8.3481e-01

	579	0.0000e+00	0.0000e+00	0.0000e+00	4.2293e+01	8.9398e+00	-1.6305e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	5.7547e+01	1.1405e+01	-5.3909e-01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	7.6747e+01	-2.4800e+01	-5.0499e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	9.8449e+01	-7.4655e+00	-9.2257e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	6.4828e+01	2.7762e+01	1.2476e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	1.9367e+02	2.0874e+00	-2.8797e+01
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	4.8819e+01	-1.8561e+00	-2.9412e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	6.0239e+01	-1.2892e+01	-1.0518e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	8.2744e+01	-4.9017e+00	-1.3164e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	6.4448e+01	-1.0695e+01	-3.2057e+01
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	3.6413e+01	3.4469e+00	-1.9789e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	4.3863e+01	-6.1362e+00	-1.0921e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	5.5054e+01	-6.3416e+00	-1.5137e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	4.3120e+01	-7.5696e+00	-2.4005e+01
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	3.0483e+01	5.8772e+00	-1.2592e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	3.6252e+01	-2.2510e+00	-8.0874e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	4.2429e+01	-3.3100e+00	-1.2169e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	3.3397e+01	-3.3486e+00	-1.6674e+01
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	2.8129e+01	7.0170e+00	-6.3521e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	3.3131e+01	1.8566e-01	-4.4916e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	3.6054e+01	-7.5087e-01	-8.3809e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	2.8961e+01	1.2563e-01	-1.0241e+01
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	2.8529e+01	7.4162e+00	-3.6360e-01
	565	0.0000e+00	0.0000e+00	0.0000e+00	3.3323e+01	1.5228e+00	-6.4618e-01
	567	0.0000e+00	0.0000e+00	0.0000e+00	3.3606e+01	8.4848e-01	-4.4922e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	2.7675e+01	2.5772e+00	-4.2096e+00
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	3.1856e+01	7.3597e+00	5.8772e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	3.6883e+01	2.0126e+00	3.2913e+00
	565	0.0000e+00	0.0000e+00	0.0000e+00	3.4443e+01	1.4267e+00	-6.8369e-01
	566	0.0000e+00	0.0000e+00	0.0000e+00	2.9076e+01	3.9573e+00	1.9022e+00
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	3.9596e+01	7.2975e+00	1.2905e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	4.5094e+01	2.1086e+00	6.9626e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	3.9052e+01	9.0882e-01	2.7767e+00
	564	0.0000e+00	0.0000e+00	0.0000e+00	3.3645e+01	4.0156e+00	8.7191e+00
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	5.6204e+01	8.9481e+00	2.1019e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	6.3240e+01	4.8562e+00	8.1197e+00
	561	0.0000e+00	0.0000e+00	0.0000e+00	4.9979e+01	-1.4530e+00	4.5120e+00
	562	0.0000e+00	0.0000e+00	0.0000e+00	4.3428e+01	1.6050e+00	1.7412e+01
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	1.4684e+02	2.4255e+01	2.4559e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	4.6635e+01	2.2581e+01	-2.2322e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	7.4550e+01	5.6741e+00	7.3883e+00
	560	0.0000e+00	0.0000e+00	0.0000e+00	6.4856e+01	-1.5066e+01	3.4179e+01
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	-7.0542e+01	3.3275e+00	-5.6715e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	-2.8093e+01	3.6788e+01	-5.7788e+01
	19	0.0000e+00	0.0000e+00	0.0000e+00	-1.9286e+02	-3.4193e+01	-3.6801e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-1.0964e+01	-4.2326e+01	1.5316e+01
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	-2.3343e+01	1.1818e+01	-4.3870e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	-1.4161e+01	6.2778e+00	-1.7891e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	-1.4667e+01	-3.1590e+00	-2.4860e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-5.0093e+01	5.1129e+00	-1.1356e+01
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	-1.1565e+01	5.9088e+00	-5.1547e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	-8.0468e+00	3.9171e+00	-9.8211e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	-1.0788e+01	5.0905e-01	-1.3903e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-1.8242e+01	6.6063e+00	-9.2363e+00
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	-6.9941e+00	4.3750e+00	-3.2496e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-5.9411e+00	2.7473e+00	-5.1384e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	-6.6201e+00	1.7146e+00	-7.6929e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	-1.0128e+01	5.1492e+00	-5.8040e+00
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	-5.2002e+00	3.5125e+00	-1.4718e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	-4.9380e+00	2.1650e+00	-2.3020e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-5.3381e+00	1.9642e+00	-4.0381e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	-6.4758e+00	4.0573e+00	-3.2079e+00
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	-4.8344e+00	2.9813e+00	1.7027e-01



	552	0.0000e+00	0.0000e+00	0.0000e+00	-4.4967e+00	1.5702e+00	-4.0877e-02
	553	0.0000e+00	0.0000e+00	0.0000e+00	-4.7057e+00	1.8736e+00	-1.4854e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	-5.0516e+00	3.3253e+00	-1.2743e+00
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	-5.8823e+00	2.6108e+00	1.8474e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-4.6028e+00	7.7907e-01	2.3211e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	-4.5618e+00	1.6299e+00	7.6762e-01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-4.9671e+00	2.8770e+00	2.9391e-01
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	-9.1723e+00	2.1939e+00	3.6561e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	-6.2935e+00	-6.1582e-01	5.5445e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-5.1399e+00	1.5201e+00	3.5153e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-6.5146e+00	2.7319e+00	1.6269e+00
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	-2.3000e+01	-2.6683e-01	4.6880e+00
	549	0.0000e+00	0.0000e+00	0.0000e+00	-8.4090e+00	-3.8767e+00	1.0655e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-7.8537e+00	1.7120e+00	7.5273e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.1512e+01	4.3002e+00	1.5606e+00
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	-3.5863e+00	-2.1283e+01	-2.9813e+00
	18	0.0000e+00	0.0000e+00	0.0000e+00	-8.6245e+01	-2.7811e+01	1.8536e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.5215e+01	1.5226e+01	2.4398e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-3.1187e+01	-2.9214e+00	2.8812e+00
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.6853e+01	-1.0723e+01	6.5566e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	-3.8715e+01	-1.0398e+01	7.8273e+00
	548	0.0000e+00	0.0000e+00	0.0000e+00	-3.6969e+01	-2.6359e+01	3.9299e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	-1.6034e+01	-1.8310e+01	2.6593e+00
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	-1.8256e+01	6.4103e+00	2.6838e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	-2.1101e+01	6.8782e+00	-3.5231e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	-3.0911e+01	8.5617e+00	3.1410e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	-2.0974e+01	-4.1776e+00	9.3479e+00
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	-1.1572e+01	6.5491e+00	3.4413e-01
	545	0.0000e+00	0.0000e+00	0.0000e+00	-1.2132e+01	6.5015e+00	-4.8047e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	-1.9465e+01	6.8388e+00	-3.4243e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	-1.4632e+01	4.0554e+00	1.7246e+00
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	-7.0757e+00	5.6177e+00	-3.3595e-01
	544	0.0000e+00	0.0000e+00	0.0000e+00	-7.6097e+00	5.1194e+00	-3.1214e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	-1.0708e+01	5.3859e+00	-3.3184e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	-9.5996e+00	5.2779e+00	-5.3291e-01
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	-4.9111e+00	4.6221e+00	-2.9337e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-5.5427e+00	4.0972e+00	-1.5687e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	-6.8573e+00	4.3894e+00	-2.0768e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	-6.1706e+00	4.8715e+00	-8.0145e-01
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	-4.3762e+00	3.8424e+00	-3.3753e-02
	542	0.0000e+00	0.0000e+00	0.0000e+00	-5.0727e+00	3.3895e+00	-2.5741e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-5.2624e+00	3.7454e+00	-7.5226e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	-4.6379e+00	4.2732e+00	-5.2860e-01
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	-5.1586e+00	3.0282e+00	4.8961e-02
	541	0.0000e+00	0.0000e+00	0.0000e+00	-6.0752e+00	2.9070e+00	7.7995e-01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-5.1762e+00	3.3295e+00	4.8755e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-4.5822e+00	3.7878e+00	-2.4344e-01
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	-6.7439e+00	1.4148e+00	-6.9082e-01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-9.4001e+00	2.5154e+00	1.1311e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-6.5663e+00	3.0112e+00	1.5812e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-5.9004e+00	3.2198e+00	-2.4073e-01
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	-8.8140e+00	-3.1876e+00	-3.3533e+00
	539	0.0000e+00	0.0000e+00	0.0000e+00	-1.3326e+01	1.7962e+00	-1.3550e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.0041e+01	1.9028e+00	1.1317e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	-8.0660e+00	1.9584e+00	-8.6661e-01
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	-6.2139e+00	-9.3493e+00	7.2653e-01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-1.5701e+01	-1.3058e+01	2.0892e-02
	539	0.0000e+00	0.0000e+00	0.0000e+00	-1.6823e+01	-8.0620e+00	-2.6539e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	-6.5155e+00	-6.4700e+00	-1.9483e+00
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	-4.2988e+00	-7.1067e+00	5.5863e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.5372e+01	-8.5271e+00	6.7420e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	-1.3258e+01	-1.4407e+01	3.5786e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	-4.0802e+00	-9.5578e+00	2.4229e+00

2043	524	0.0000e+00	0.0000e+00	0.0000e+00	-6.4630e+00	4.7153e-01	5.0626e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	-1.3640e+01	3.1633e+00	5.4400e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.3136e+01	-3.0607e+00	7.2939e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	-6.2052e+00	-4.0431e+00	6.9165e+00
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	-5.6191e+00	4.0477e+00	3.2361e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	-9.2712e+00	5.3130e+00	1.3254e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	-1.2558e+01	4.5610e+00	3.6325e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	-6.1890e+00	1.2539e+00	5.5432e+00
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	-3.7653e+00	4.6408e+00	1.6262e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	-6.0503e+00	5.2796e+00	-4.6509e-02
	534	0.0000e+00	0.0000e+00	0.0000e+00	-8.4662e+00	5.5589e+00	1.2385e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	-4.7256e+00	3.6510e+00	2.9112e+00
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	-2.5354e+00	4.2510e+00	5.4387e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	-4.3168e+00	4.6363e+00	-3.8183e-01
	533	0.0000e+00	0.0000e+00	0.0000e+00	-5.5701e+00	5.0737e+00	2.8183e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	-3.1506e+00	4.1437e+00	1.2075e+00
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	-2.1530e+00	3.5722e+00	-2.3176e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-3.8790e+00	3.9690e+00	-4.3493e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	-4.1353e+00	4.4145e+00	1.0428e-02
	521	0.0000e+00	0.0000e+00	0.0000e+00	-2.3068e+00	3.9287e+00	2.1360e-01
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	-2.4009e+00	2.5445e+00	-9.8415e-01
	530	0.0000e+00	0.0000e+00	0.0000e+00	-4.4818e+00	3.2258e+00	-6.4558e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-3.9546e+00	3.7642e+00	-1.2128e-01
	520	0.0000e+00	0.0000e+00	0.0000e+00	-2.2448e+00	3.4065e+00	-4.5985e-01
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	-2.7082e+00	6.7077e-01	-1.8241e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	-5.7004e+00	1.7436e+00	-1.3407e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-4.7679e+00	2.8153e+00	-5.6469e-01
	519	0.0000e+00	0.0000e+00	0.0000e+00	-2.6649e+00	2.3503e+00	-1.0481e+00
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	-2.4112e+00	-2.3225e+00	-1.7801e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	-5.4107e+00	-2.5713e+00	-2.2791e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	-6.1337e+00	8.4546e-01	-1.9562e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	-2.6953e+00	-4.3144e-02	-1.4572e+00
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	-1.3588e+00	-4.9702e+00	7.8403e-01
	527	0.0000e+00	0.0000e+00	0.0000e+00	-5.3821e+00	-7.4621e+00	2.3290e-01
	528	0.0000e+00	0.0000e+00	0.0000e+00	-6.2992e+00	-5.0463e+00	-1.6254e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	-1.5541e+00	-3.8553e+00	-1.0742e+00
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	3.6609e+00	-4.1565e+00	4.5154e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	-3.2096e+00	-5.3867e+00	5.0864e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	-2.2980e+00	-7.5155e+00	3.2058e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	3.9017e+00	-5.0187e+00	2.6348e+00
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	2.2072e+00	-9.0906e-01	4.9772e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	-3.9035e+00	1.1572e-01	5.9369e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	-2.4762e+00	-3.2877e+00	6.2541e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	2.7170e+00	-2.8916e+00	5.2944e+00
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	1.3433e+00	1.6838e+00	3.8397e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	-3.1858e+00	3.1132e+00	3.9148e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	-3.3856e+00	1.6070e+00	5.4536e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	1.6948e+00	-1.3126e-02	5.3784e+00
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	1.2302e+00	2.8228e+00	2.2292e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	-2.0390e+00	4.0136e+00	1.8819e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	-2.8579e+00	3.7959e+00	3.4427e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	1.3480e+00	1.8932e+00	3.7901e+00
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	1.2882e+00	3.0041e+00	7.5136e-01
	521	0.0000e+00	0.0000e+00	0.0000e+00	-1.2883e+00	3.9334e+00	5.0241e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	-1.8765e+00	4.1977e+00	1.7221e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	1.3740e+00	2.7098e+00	1.9710e+00
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	1.1945e+00	2.6752e+00	-4.3883e-01
	520	0.0000e+00	0.0000e+00	0.0000e+00	-1.1104e+00	3.4559e+00	-4.4318e-01
	521	0.0000e+00	0.0000e+00	0.0000e+00	-1.2772e+00	3.9093e+00	4.9254e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	1.3525e+00	2.8356e+00	4.9689e-01
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	1.0066e+00	1.9001e+00	-1.3199e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	-1.3092e+00	2.5776e+00	-1.1998e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	-1.2277e+00	3.2845e+00	-4.5555e-01

	509	0.0000e+00	0.0000e+00	0.0000e+00	1.1675e+00	2.4872e+00	-5.7564e-01
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	9.8219e-01	5.6305e-01	-1.7001e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	-1.3821e+00	8.7395e-01	-1.7548e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	-1.5206e+00	2.1508e+00	-1.3036e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	1.0102e+00	1.5675e+00	-1.2489e+00
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	1.2882e+00	-1.1993e+00	-1.0894e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	-8.9587e-01	-1.8857e+00	-1.5176e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	-1.6611e+00	8.2004e-02	-1.7903e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	1.1890e+00	-6.3920e-02	-1.3621e+00
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	1.6317e+00	-2.5072e+00	6.3581e-01
	516	0.0000e+00	0.0000e+00	0.0000e+00	-7.8665e-01	-3.9672e+00	4.2329e-01
	517	0.0000e+00	0.0000e+00	0.0000e+00	-1.2111e+00	-2.8815e+00	-7.9982e-01
	506	0.0000e+00	0.0000e+00	0.0000e+00	1.6272e+00	-1.9175e+00	-5.8730e-01
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	1.0337e+01	-2.2992e+00	3.5785e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	4.9732e+00	-3.0726e+00	4.0474e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	5.5403e+00	-3.7123e+00	3.0252e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.0716e+01	-2.4597e+00	2.5563e+00
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	9.1093e+00	-1.2079e+00	4.0467e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	3.9545e+00	-6.7166e-01	4.9526e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	5.1815e+00	-2.2265e+00	5.0336e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	9.7107e+00	-1.8507e+00	4.1276e+00
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	7.7411e+00	9.1966e-02	3.2079e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	3.3188e+00	1.3043e+00	3.9616e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	4.0963e+00	2.2949e-01	5.0358e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	8.4850e+00	-6.8685e-01	4.2820e+00
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	6.6091e+00	1.0378e+00	1.7469e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	3.0329e+00	2.3133e+00	2.2608e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	3.3269e+00	1.9451e+00	3.6807e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	7.3525e+00	4.0669e-01	3.1668e+00
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	5.7243e+00	1.5284e+00	2.6730e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	2.7994e+00	2.6109e+00	6.6635e-01
	511	0.0000e+00	0.0000e+00	0.0000e+00	2.9293e+00	2.6845e+00	1.9792e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	6.3999e+00	1.1651e+00	1.5802e+00
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	5.0158e+00	1.6287e+00	-9.1705e-01
	509	0.0000e+00	0.0000e+00	0.0000e+00	2.4915e+00	2.4510e+00	-5.6633e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	2.6208e+00	2.7809e+00	4.6866e-01
	499	0.0000e+00	0.0000e+00	0.0000e+00	5.5944e+00	1.5520e+00	1.1794e-01
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	4.4852e+00	1.3678e+00	-1.6383e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	2.2023e+00	1.8463e+00	-1.3828e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	2.2664e+00	2.4453e+00	-6.9801e-01
	498	0.0000e+00	0.0000e+00	0.0000e+00	4.9368e+00	1.5667e+00	-9.5353e-01
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	4.1874e+00	7.4733e-01	-1.7083e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	2.1180e+00	6.9600e-01	-1.6399e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	1.9530e+00	1.6456e+00	-1.4293e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	4.4904e+00	1.1769e+00	-1.4977e+00
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	4.1107e+00	-1.1964e-01	-9.6484e-01
	506	0.0000e+00	0.0000e+00	0.0000e+00	2.2373e+00	-8.2524e-01	-1.0573e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	1.8705e+00	3.1390e-01	-1.4624e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	4.2908e+00	4.1115e-01	-1.3699e+00
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	4.0528e+00	-8.7757e-01	3.8147e-01
	505	0.0000e+00	0.0000e+00	0.0000e+00	2.1336e+00	-1.8705e+00	4.0676e-01
	506	0.0000e+00	0.0000e+00	0.0000e+00	2.0441e+00	-1.2168e+00	-4.7479e-01
	495	0.0000e+00	0.0000e+00	0.0000e+00	4.1934e+00	-4.6271e-01	-5.0008e-01
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	1.6803e+01	-1.1503e+00	2.6110e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	1.1769e+01	-1.5631e+00	3.1713e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.2389e+01	-1.4951e+00	2.5860e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	1.7314e+01	-7.4797e-01	2.0257e+00
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	1.5500e+01	-1.5006e+00	2.8161e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	1.0696e+01	-9.3899e-01	3.6887e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	1.1783e+01	-1.2924e+00	3.9285e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	1.6174e+01	-1.2059e+00	3.0559e+00
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	1.3714e+01	-1.2116e+00	1.8430e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	9.5096e+00	-9.8425e-02	2.9290e+00

	502	0.0000e+00	0.0000e+00	0.0000e+00	1.0611e+01	-4.7687e-01	3.9366e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	1.4804e+01	-1.3606e+00	2.8506e+00
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	1.1834e+01	-5.2391e-01	4.1809e-01
	500	0.0000e+00	0.0000e+00	0.0000e+00	8.3375e+00	6.5333e-01	1.5124e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	9.2552e+00	4.3671e-01	2.8083e+00
	490	0.0000e+00	0.0000e+00	0.0000e+00	1.3125e+01	-9.5439e-01	1.7140e+00
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	1.0182e+01	1.8864e-01	-8.9560e-01
	499	0.0000e+00	0.0000e+00	0.0000e+00	7.2675e+00	1.1762e+00	6.0590e-02
	500	0.0000e+00	0.0000e+00	0.0000e+00	7.9855e+00	1.1328e+00	1.2585e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	1.1394e+01	-2.5375e-01	3.0235e-01
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	8.8787e+00	7.2056e-01	-1.8435e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	6.3605e+00	1.4131e+00	-1.0833e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	6.8973e+00	1.5268e+00	-1.7094e-01
	488	0.0000e+00	0.0000e+00	0.0000e+00	9.8763e+00	4.1121e-01	-9.3119e-01
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	7.9082e+00	1.0247e+00	-2.3007e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	5.6641e+00	1.3241e+00	-1.7436e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	6.0068e+00	1.6146e+00	-1.2160e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	8.6901e+00	8.6853e-01	-1.7732e+00
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	7.2071e+00	1.1113e+00	-2.1368e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	5.1918e+00	8.9746e-01	-1.7616e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	5.3306e+00	1.3854e+00	-1.7178e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	7.8257e+00	1.0848e+00	-2.0930e+00
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	6.7270e+00	9.4591e-01	-1.2769e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	4.8684e+00	2.3840e-01	-1.0354e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	4.8917e+00	8.4402e-01	-1.5116e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	7.1912e+00	1.0803e+00	-1.7531e+00
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	6.4267e+00	4.3412e-01	2.7182e-02
	494	0.0000e+00	0.0000e+00	0.0000e+00	4.5272e+00	-3.7528e-01	2.1591e-01
	495	0.0000e+00	0.0000e+00	0.0000e+00	4.6611e+00	1.1770e-01	-5.5309e-01
	484	0.0000e+00	0.0000e+00	0.0000e+00	6.6738e+00	8.3232e-01	-7.4182e-01
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	2.3686e+01	-4.2441e-01	1.5655e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	1.8288e+01	-5.4338e-01	2.2036e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	1.9077e+01	1.0702e-01	1.7592e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	2.4185e+01	8.6891e-01	1.1211e+00
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	2.1951e+01	-2.3104e+00	1.2152e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	1.7162e+01	-1.3861e+00	2.2036e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	1.8289e+01	-7.4026e-01	2.8412e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	2.2819e+01	-1.0797e+00	1.8528e+00
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	1.9289e+01	-2.6070e+00	-3.3158e-01
	490	0.0000e+00	0.0000e+00	0.0000e+00	1.5471e+01	-1.4733e+00	1.2421e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	1.6853e+01	-1.1799e+00	2.4670e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	2.1083e+01	-2.4738e+00	8.9337e-01
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	1.6484e+01	-1.8454e+00	-1.7596e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	1.3472e+01	-8.8248e-01	-5.0512e-02
	490	0.0000e+00	0.0000e+00	0.0000e+00	1.4886e+01	-9.0967e-01	1.1520e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	1.8519e+01	-2.3299e+00	-5.5709e-01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	1.4126e+01	-7.9945e-01	-2.6957e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	1.1613e+01	-8.7926e-02	-1.2270e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	1.2838e+01	-2.4978e-01	-2.9263e-01
	478	0.0000e+00	0.0000e+00	0.0000e+00	1.5866e+01	-1.3901e+00	-1.7613e+00
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	1.2385e+01	1.4021e-01	-3.1819e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	1.0124e+01	5.9374e-01	-2.0744e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	1.1063e+01	4.3348e-01	-1.4481e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	1.3681e+01	-3.5418e-01	-2.5557e+00
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	1.1171e+01	9.1527e-01	-3.2691e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	9.0099e+00	1.0689e+00	-2.4765e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	9.6758e+00	9.6678e-01	-2.1735e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	1.2104e+01	5.1999e-01	-2.9661e+00
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	1.0262e+01	1.6114e+00	-2.8982e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	8.1601e+00	1.3390e+00	-2.2922e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	8.6191e+00	1.3358e+00	-2.3863e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	1.1026e+01	1.2499e+00	-2.9923e+00
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	9.5116e+00	2.1311e+00	-1.9067e+00

	484	0.0000e+00	0.0000e+00	0.0000e+00	7.4612e+00	1.3561e+00	-1.4057e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	7.7878e+00	1.5398e+00	-1.9824e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	1.0196e+01	1.9076e+00	-2.4834e+00
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	9.1401e+00	1.7712e+00	-3.6616e-01
	483	0.0000e+00	0.0000e+00	0.0000e+00	6.9028e+00	9.4631e-01	-8.8489e-02
	484	0.0000e+00	0.0000e+00	0.0000e+00	7.1825e+00	1.4120e+00	-9.4190e-01
	473	0.0000e+00	0.0000e+00	0.0000e+00	9.4208e+00	2.2784e+00	-1.2196e+00
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	3.1721e+01	-1.4500e-01	4.5257e-01
	481	0.0000e+00	0.0000e+00	0.0000e+00	2.5129e+01	1.6060e-01	1.0410e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	2.6108e+01	1.7845e+00	6.6535e-01
	471	0.0000e+00	0.0000e+00	0.0000e+00	3.1930e+01	2.8344e+00	7.6963e-02
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	2.8343e+01	-4.2503e+00	-1.4841e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	2.3890e+01	-2.6389e+00	1.3619e-01
	481	0.0000e+00	0.0000e+00	0.0000e+00	2.5326e+01	-7.1411e-01	1.7130e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	3.0178e+01	-2.2275e+00	9.2706e-02
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	2.3653e+01	-4.0393e+00	-3.9764e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	2.1068e+01	-3.1614e+00	-1.2540e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	2.3063e+01	-2.3092e+00	2.9266e-01
	469	0.0000e+00	0.0000e+00	0.0000e+00	2.7153e+01	-4.4965e+00	-2.4298e+00
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	1.9640e+01	-2.6142e+00	-4.8933e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	1.7859e+01	-2.2097e+00	-2.3752e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	1.9948e+01	-2.2507e+00	-1.5080e+00
	468	0.0000e+00	0.0000e+00	0.0000e+00	2.2634e+01	-3.5648e+00	-4.0262e+00
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	1.6734e+01	-1.0881e+00	-4.9652e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	1.5214e+01	-9.4256e-01	-3.0651e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	1.6927e+01	-1.3312e+00	-2.6818e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	1.8856e+01	-1.9452e+00	-4.5819e+00
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	1.4894e+01	1.7057e-01	-4.6443e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	1.3332e+01	1.8184e-01	-3.3885e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	1.4555e+01	-2.8609e-01	-3.2808e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	1.6206e+01	-4.8825e-01	-4.5366e+00
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	1.3924e+01	1.1784e+00	-4.1514e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	1.2092e+01	1.1231e+00	-3.4118e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	1.2905e+01	6.2038e-01	-3.4610e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	1.4604e+01	6.6258e-01	-4.2006e+00
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	1.3476e+01	2.1852e+00	-3.5571e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	1.1197e+01	1.9885e+00	-3.0870e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	1.1796e+01	1.4408e+00	-3.2861e+00
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.3825e+01	1.6388e+00	-3.7562e+00
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	1.2843e+01	3.5310e+00	-2.6597e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	1.0364e+01	2.6706e+00	-2.0891e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	1.0866e+01	2.3365e+00	-2.6885e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	1.3493e+01	2.6639e+00	-3.2590e+00
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	1.2746e+01	3.5856e+00	-6.5687e-01
	472	0.0000e+00	0.0000e+00	0.0000e+00	9.5834e+00	2.4427e+00	-3.8995e-01
	473	0.0000e+00	0.0000e+00	0.0000e+00	9.9501e+00	2.9666e+00	-1.5372e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	1.2918e+01	4.0973e+00	-1.8041e+00
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	4.2637e+01	-2.6893e+00	-1.8733e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	3.3513e+01	3.5002e-02	-8.7822e-01
	471	0.0000e+00	0.0000e+00	0.0000e+00	3.4267e+01	4.1637e+00	-3.2393e-01
	460	0.0000e+00	0.0000e+00	0.0000e+00	4.3891e+01	5.7895e+00	-1.3190e+00
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	3.1803e+01	-7.5128e+00	-8.5225e+00
	469	0.0000e+00	0.0000e+00	0.0000e+00	3.0968e+01	-6.0277e+00	-3.5410e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	3.3715e+01	-1.8002e+00	9.4510e-02
	458	0.0000e+00	0.0000e+00	0.0000e+00	3.9111e+01	-7.5202e+00	-4.8869e+00
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	2.4330e+01	-5.3950e+00	-9.7090e+00
	468	0.0000e+00	0.0000e+00	0.0000e+00	2.5062e+01	-4.8694e+00	-5.1500e+00
	469	0.0000e+00	0.0000e+00	0.0000e+00	2.8310e+01	-4.2948e+00	-4.1856e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	3.0284e+01	-5.6806e+00	-8.7446e+00
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	1.9572e+01	-2.7518e+00	-8.6946e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	2.0296e+01	-2.8249e+00	-5.5436e+00
	468	0.0000e+00	0.0000e+00	0.0000e+00	2.3116e+01	-3.4187e+00	-5.7905e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	2.3113e+01	-3.0026e+00	-8.9415e+00

2106	450	0.0000e+00	0.0000e+00	0.0000e+00	1.6721e+01	-6.6816e-01	-7.2568e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	1.7126e+01	-9.8249e-01	-5.2795e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	1.9068e+01	-1.8038e+00	-5.9250e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	1.8770e+01	-8.3884e-01	-7.9023e+00
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	1.5324e+01	8.3368e-01	-5.7489e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	1.5272e+01	4.5147e-01	-4.7103e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	1.6406e+01	-3.4655e-01	-5.4584e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	1.6287e+01	7.5397e-01	-6.4971e+00
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	1.5184e+01	1.8656e+00	-4.3104e+00
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.4458e+01	1.6007e+00	-4.0598e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	1.4936e+01	7.7629e-01	-4.7557e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	1.5212e+01	1.8907e+00	-5.0064e+00
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	1.6304e+01	2.5483e+00	-3.1492e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	1.4270e+01	2.7630e+00	-3.5405e+00
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.4426e+01	1.6908e+00	-3.9763e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	1.5357e+01	2.7692e+00	-3.5850e+00
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	1.7611e+01	3.1311e+00	-2.6991e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	1.4335e+01	4.2841e+00	-3.1635e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	1.4328e+01	2.7175e+00	-3.2013e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	1.6681e+01	3.9454e+00	-2.7369e+00
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	1.9020e+01	5.4702e+00	-6.0692e-01
	461	0.0000e+00	0.0000e+00	0.0000e+00	1.3163e+01	4.6283e+00	-6.5966e-01
	462	0.0000e+00	0.0000e+00	0.0000e+00	1.3279e+01	5.0760e+00	-2.2714e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	1.8797e+01	7.4283e+00	-2.2187e+00
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	3.9628e+01	-1.3684e+01	-3.0869e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	5.3698e+01	-9.2814e+00	-7.6996e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	3.9444e+01	1.0492e+01	4.5027e+00
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.0065e+02	-9.2875e+00	-1.8667e+01
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	2.4805e+01	-1.4364e+00	-1.9861e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	3.2079e+01	-1.0070e+01	-9.1611e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	4.5731e+01	-6.6388e+00	-1.0449e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	3.2749e+01	-1.2720e+01	-2.1149e+01
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	1.8054e+01	1.8801e+00	-1.4979e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	2.2611e+01	-5.1914e+00	-9.7291e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	2.9823e+01	-6.0050e+00	-1.1847e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	2.1439e+01	-8.8794e+00	-1.7097e+01
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	1.4624e+01	3.6585e+00	-1.1445e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	1.7834e+01	-2.1120e+00	-8.5200e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	2.2216e+01	-3.2287e+00	-1.0519e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	1.6145e+01	-5.0368e+00	-1.3444e+01
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	1.2954e+01	4.7719e+00	-8.4906e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	1.5315e+01	4.3866e-02	-6.9019e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	1.7966e+01	-9.1295e-01	-8.7414e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	1.3510e+01	-1.9953e+00	-1.0330e+01
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	1.2539e+01	5.5929e+00	-5.7729e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	1.4291e+01	1.5631e+00	-5.1632e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	1.5691e+01	7.8712e-01	-6.9096e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	1.2369e+01	2.1826e-01	-7.5192e+00
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	1.3332e+01	6.3512e+00	-3.0650e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	1.4577e+01	2.6602e+00	-3.3732e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	1.4893e+01	1.9535e+00	-5.1062e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	1.2393e+01	1.6970e+00	-4.7980e+00
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	1.5766e+01	7.3238e+00	-1.3343e-01
	444	0.0000e+00	0.0000e+00	0.0000e+00	1.6410e+01	3.5728e+00	-1.6046e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	1.5548e+01	2.6778e+00	-3.3889e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	1.3659e+01	2.4630e+00	-1.9177e+00
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	2.1243e+01	9.2518e+00	3.2622e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	2.1107e+01	5.1590e+00	-3.5609e-01
	444	0.0000e+00	0.0000e+00	0.0000e+00	1.8254e+01	2.8588e+00	-2.0796e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	1.6793e+01	2.1817e+00	1.5387e+00
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	4.9517e+01	1.6528e+01	6.3535e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	1.3868e+01	9.0854e+00	-1.0145e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	2.4652e+01	6.3544e+00	1.2633e-01

	443	0.0000e+00	0.0000e+00	0.0000e+00	2.3862e+01	-3.3489e+00	7.4944e+00
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	3.1187e+01	2.9214e+00	2.8812e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	1.5214e+01	-1.5225e+01	2.4398e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	8.6244e+01	2.7811e+01	1.8536e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	3.5859e+00	2.1282e+01	-2.9812e+00
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	1.1512e+01	-4.3002e+00	1.5606e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	7.8533e+00	-1.7121e+00	7.5272e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	8.4085e+00	3.8766e+00	1.0655e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	2.2999e+01	2.6681e-01	4.6880e+00
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	6.5141e+00	-2.7320e+00	1.6269e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	5.1395e+00	-1.5202e+00	3.5153e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	6.2931e+00	6.1572e-01	5.5444e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	9.1718e+00	-2.1939e+00	3.6561e+00
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	4.9667e+00	-2.8771e+00	2.9395e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	4.5614e+00	-1.6301e+00	7.6766e-01
	438	0.0000e+00	0.0000e+00	0.0000e+00	4.6023e+00	-7.7919e-01	2.3211e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	5.8819e+00	-2.6109e+00	1.8474e+00
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	5.0512e+00	-3.3254e+00	-1.2742e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	4.7052e+00	-1.8738e+00	-1.4853e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	4.4962e+00	-1.5703e+00	-4.0823e-02
	427	0.0000e+00	0.0000e+00	0.0000e+00	4.8340e+00	-2.9814e+00	1.7033e-01
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	6.4754e+00	-4.0574e+00	-3.2078e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	5.3376e+00	-1.9643e+00	-4.0380e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	4.9376e+00	-2.1651e+00	-2.3019e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	5.1999e+00	-3.5126e+00	-1.4717e+00
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	1.0127e+01	-5.1494e+00	-5.8039e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	6.6196e+00	-1.7147e+00	-7.6927e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	5.9406e+00	-2.7474e+00	-5.1383e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	6.9937e+00	-4.3752e+00	-3.2494e+00
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	1.8241e+01	-6.6064e+00	-9.2361e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	1.0788e+01	-5.0916e-01	-1.3903e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	8.0464e+00	-3.9172e+00	-9.8210e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	1.1564e+01	-5.9089e+00	-5.1545e+00
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	5.0092e+01	-5.1130e+00	-1.1356e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	1.4666e+01	3.1589e+00	-2.4860e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	1.4161e+01	-6.2779e+00	-1.7890e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	2.3343e+01	-1.1818e+01	-4.3868e+00
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	1.0963e+01	4.2326e+01	1.5316e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	1.9286e+02	3.4193e+01	-3.6800e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	2.8092e+01	-3.6788e+01	-5.7788e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	7.0541e+01	-3.3275e+00	-5.6713e+00
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	6.5150e+00	6.4699e+00	-1.9482e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	1.6823e+01	8.0619e+00	-2.6539e+00
	431	0.0000e+00	0.0000e+00	0.0000e+00	1.5700e+01	1.3058e+01	2.0888e-02
	420	0.0000e+00	0.0000e+00	0.0000e+00	6.2134e+00	9.3493e+00	7.2653e-01
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	8.0656e+00	-1.9584e+00	-8.6658e-01
	429	0.0000e+00	0.0000e+00	0.0000e+00	1.0041e+01	-1.9028e+00	1.1317e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	1.3326e+01	-1.7962e+00	-1.3550e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	8.8135e+00	3.1875e+00	-3.3533e+00
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	5.9000e+00	-3.2198e+00	-2.4068e-01
	428	0.0000e+00	0.0000e+00	0.0000e+00	6.5659e+00	-3.0113e+00	1.5812e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	9.3997e+00	-2.5154e+00	1.1311e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	6.7434e+00	-1.4148e+00	-6.9078e-01
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	4.5818e+00	-3.7878e+00	-2.4336e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	5.1758e+00	-3.3296e+00	4.8760e-01
	428	0.0000e+00	0.0000e+00	0.0000e+00	6.0747e+00	-2.9071e+00	7.7998e-01
	417	0.0000e+00	0.0000e+00	0.0000e+00	5.1582e+00	-3.0283e+00	4.9017e-02
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	4.6376e+00	-4.2732e+00	-5.2849e-01
	426	0.0000e+00	0.0000e+00	0.0000e+00	5.2620e+00	-3.7455e+00	-7.5217e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	5.0724e+00	-3.3896e+00	-2.5734e-01
	416	0.0000e+00	0.0000e+00	0.0000e+00	4.3758e+00	-3.8425e+00	-3.3666e-02
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	6.1703e+00	-4.8716e+00	-8.0130e-01
	425	0.0000e+00	0.0000e+00	0.0000e+00	6.8570e+00	-4.3895e+00	-2.0767e+00

	426	0.0000e+00	0.0000e+00	0.0000e+00	5.5423e+00	-4.0973e+00	-1.5686e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	4.9108e+00	-4.6221e+00	-2.9325e-01
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	9.5994e+00	-5.2780e+00	-5.3273e-01
	424	0.0000e+00	0.0000e+00	0.0000e+00	1.0708e+01	-5.3860e+00	-3.3183e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	7.6094e+00	-5.1195e+00	-3.1213e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	7.0754e+00	-5.6178e+00	-3.3579e-01
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	1.4632e+01	-4.0555e+00	1.7248e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	1.9465e+01	-6.8389e+00	-3.4241e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	1.2132e+01	-6.5016e+00	-4.8045e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.1572e+01	-6.5492e+00	3.4433e-01
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	2.0974e+01	4.1775e+00	9.3481e+00
	422	0.0000e+00	0.0000e+00	0.0000e+00	3.0910e+01	-8.5617e+00	3.1412e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	2.1101e+01	-6.8783e+00	-3.5229e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.8256e+01	-6.4104e+00	2.6840e+00
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	1.6034e+01	1.8310e+01	2.6595e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	3.6969e+01	2.6359e+01	3.9301e+00
	422	0.0000e+00	0.0000e+00	0.0000e+00	3.8715e+01	1.0398e+01	7.8275e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.6853e+01	1.0723e+01	6.5569e+00
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	1.5536e+00	3.8553e+00	-1.0742e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	6.2988e+00	5.0462e+00	-1.6253e+00
	420	0.0000e+00	0.0000e+00	0.0000e+00	5.3816e+00	7.4620e+00	2.3291e-01
	409	0.0000e+00	0.0000e+00	0.0000e+00	1.3583e+00	4.9702e+00	7.8406e-01
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	2.6949e+00	4.3128e-02	-1.4572e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	6.1332e+00	-8.4548e-01	-1.9562e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	5.4102e+00	2.5712e+00	-2.2791e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	2.4107e+00	2.3225e+00	-1.7801e+00
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	2.6645e+00	-2.3503e+00	-1.0480e+00
	417	0.0000e+00	0.0000e+00	0.0000e+00	4.7675e+00	-2.8153e+00	-5.6463e-01
	418	0.0000e+00	0.0000e+00	0.0000e+00	5.7000e+00	-1.7436e+00	-1.3406e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	2.7078e+00	-6.7079e-01	-1.8240e+00
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	2.2445e+00	-3.4066e+00	-4.5972e-01
	416	0.0000e+00	0.0000e+00	0.0000e+00	3.9542e+00	-3.7643e+00	-1.2119e-01
	417	0.0000e+00	0.0000e+00	0.0000e+00	4.4815e+00	-3.2259e+00	-6.4551e-01
	406	0.0000e+00	0.0000e+00	0.0000e+00	2.4006e+00	-2.5445e+00	-9.8403e-01
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	2.3066e+00	-3.9288e+00	2.1376e-01
	415	0.0000e+00	0.0000e+00	0.0000e+00	4.1350e+00	-4.4146e+00	1.0548e-02
	416	0.0000e+00	0.0000e+00	0.0000e+00	3.8787e+00	-3.9691e+00	-4.3483e-01
	405	0.0000e+00	0.0000e+00	0.0000e+00	2.1528e+00	-3.5722e+00	-2.3161e-01
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	3.1504e+00	-4.1438e+00	1.2077e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	5.5699e+00	-5.0737e+00	2.8198e-01
	415	0.0000e+00	0.0000e+00	0.0000e+00	4.3166e+00	-4.6364e+00	-3.8170e-01
	404	0.0000e+00	0.0000e+00	0.0000e+00	2.5352e+00	-4.2510e+00	5.4405e-01
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	4.7255e+00	-3.6511e+00	2.9115e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	8.4660e+00	-5.5589e+00	1.2387e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	6.0501e+00	-5.2797e+00	-4.6336e-02
	403	0.0000e+00	0.0000e+00	0.0000e+00	3.7651e+00	-4.6408e+00	1.6264e+00
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	6.1890e+00	-1.2539e+00	5.5435e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.2558e+01	-4.5610e+00	3.6327e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	9.2710e+00	-5.3131e+00	1.3256e+00
	402	0.0000e+00	0.0000e+00	0.0000e+00	5.6190e+00	-4.0478e+00	3.2363e+00
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	6.2053e+00	4.0431e+00	6.9168e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.3136e+01	3.0607e+00	7.2942e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.3640e+01	-3.1633e+00	5.4402e+00
	401	0.0000e+00	0.0000e+00	0.0000e+00	6.4630e+00	-4.7156e-01	5.0629e+00
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	4.0805e+00	9.5578e+00	2.4233e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.3258e+01	1.4407e+01	3.5788e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.5371e+01	8.5271e+00	6.7422e+00
	400	0.0000e+00	0.0000e+00	0.0000e+00	4.2989e+00	7.1066e+00	5.5866e+00
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.6277e+00	1.9175e+00	-5.8720e-01
	408	0.0000e+00	0.0000e+00	0.0000e+00	1.2106e+00	2.8815e+00	-7.9975e-01
	409	0.0000e+00	0.0000e+00	0.0000e+00	7.8614e-01	3.9672e+00	4.2333e-01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.6323e+00	2.5072e+00	6.3588e-01
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.1895e+00	6.3936e-02	-1.3619e+00



	407	0.0000e+00	0.0000e+00	0.0000e+00	1.6606e+00	-8.2008e-02	-1.7902e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	8.9540e-01	1.8857e+00	-1.5175e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.2887e+00	1.1993e+00	-1.0892e+00
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	-1.0106e+00	-1.5675e+00	-1.2487e+00
	406	0.0000e+00	0.0000e+00	0.0000e+00	1.5202e+00	-2.1508e+00	-1.3034e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	1.3817e+00	-8.7397e-01	-1.7546e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	-9.8260e-01	-5.6304e-01	-1.6999e+00
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.1677e+00	-2.4872e+00	-5.7543e-01
	405	0.0000e+00	0.0000e+00	0.0000e+00	1.2274e+00	-3.2845e+00	-4.5540e-01
	406	0.0000e+00	0.0000e+00	0.0000e+00	1.3088e+00	-2.5777e+00	-1.1996e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	-1.0069e+00	-1.9001e+00	-1.3197e+00
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	-1.3527e+00	-2.8357e+00	4.9714e-01
	404	0.0000e+00	0.0000e+00	0.0000e+00	1.2770e+00	-3.9093e+00	4.9272e-01
	405	0.0000e+00	0.0000e+00	0.0000e+00	1.1102e+00	-3.4560e+00	-4.4302e-01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.1947e+00	-2.6752e+00	-4.3860e-01
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	-1.3740e+00	-2.7098e+00	1.9713e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.8764e+00	-4.1977e+00	1.7223e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	1.2881e+00	-3.9334e+00	5.0261e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	-1.2883e+00	-3.0042e+00	7.5163e-01
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.3479e+00	-1.8932e+00	3.7904e+00
	402	0.0000e+00	0.0000e+00	0.0000e+00	2.8579e+00	-3.7959e+00	3.4430e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	2.0389e+00	-4.0136e+00	1.8821e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	-1.2302e+00	-2.8228e+00	2.2295e+00
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.6946e+00	1.3145e-02	5.3788e+00
	401	0.0000e+00	0.0000e+00	0.0000e+00	3.3856e+00	-1.6070e+00	5.4539e+00
	402	0.0000e+00	0.0000e+00	0.0000e+00	3.1858e+00	-3.1132e+00	3.9151e+00
	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.3432e+00	-1.6838e+00	3.8400e+00
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	-2.7167e+00	2.8916e+00	5.2948e+00
	400	0.0000e+00	0.0000e+00	0.0000e+00	2.4764e+00	3.2877e+00	6.2545e+00
	401	0.0000e+00	0.0000e+00	0.0000e+00	3.9036e+00	-1.1575e-01	5.9373e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	-2.2069e+00	9.0908e-01	4.9776e+00
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	-3.9011e+00	5.0187e+00	2.6354e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	2.2984e+00	7.5155e+00	3.2062e+00
	400	0.0000e+00	0.0000e+00	0.0000e+00	3.2099e+00	5.3867e+00	5.0867e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	-3.6605e+00	4.1565e+00	4.5159e+00
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	-4.1939e+00	4.6279e-01	-4.9990e-01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-2.0446e+00	1.2168e+00	-4.7466e-01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-2.1341e+00	1.8706e+00	4.0684e-01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-4.0534e+00	8.7764e-01	3.8160e-01
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	-4.2912e+00	-4.1109e-01	-1.3697e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.8710e+00	-3.1386e-01	-1.4623e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	-2.2378e+00	8.2526e-01	-1.0572e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	-4.1112e+00	1.1971e-01	-9.6464e-01
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	-4.4907e+00	-1.1768e+00	-1.4974e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	-1.9534e+00	-1.6455e+00	-1.4291e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	-2.1184e+00	-6.9599e-01	-1.6397e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-4.1878e+00	-7.4728e-01	-1.7081e+00
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	-4.9370e+00	-1.5667e+00	-9.5320e-01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-2.2667e+00	-2.4453e+00	-6.9777e-01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-2.2026e+00	-1.8463e+00	-1.3826e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-4.4855e+00	-1.3677e+00	-1.6380e+00
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	-5.5945e+00	-1.5520e+00	1.1830e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	-2.6210e+00	-2.7809e+00	4.6894e-01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-2.4918e+00	-2.4510e+00	-5.6607e-01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-5.0160e+00	-1.6287e+00	-9.1671e-01
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	-6.3999e+00	-1.1650e+00	1.5806e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	-2.9293e+00	-2.6845e+00	1.9795e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	-2.7995e+00	-2.6109e+00	6.6665e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	-5.7244e+00	-1.5284e+00	2.6769e-01
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	-7.3522e+00	-4.0662e-01	3.1672e+00
	391	0.0000e+00	0.0000e+00	0.0000e+00	-3.3267e+00	-1.9451e+00	3.6811e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	-3.0329e+00	-2.3133e+00	2.2611e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	-6.6090e+00	-1.0378e+00	1.7473e+00

2169	379	0.0000e+00	0.0000e+00	0.0000e+00	-8.4846e+00	6.8695e-01	4.2826e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	-4.0961e+00	-2.2943e-01	5.0362e+00
	391	0.0000e+00	0.0000e+00	0.0000e+00	-3.3187e+00	-1.3043e+00	3.9620e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	-7.7409e+00	-9.1904e-02	3.2084e+00
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	-9.7102e+00	1.8508e+00	4.1282e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	-5.1811e+00	2.2266e+00	5.0341e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	-3.9542e+00	6.7170e-01	4.9531e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	-9.1088e+00	1.2079e+00	4.0473e+00
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.0715e+01	2.4598e+00	2.5570e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	-5.5397e+00	3.7123e+00	3.0258e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	-4.9727e+00	3.0726e+00	4.0480e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.0336e+01	2.2993e+00	3.5792e+00
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	-6.6743e+00	-8.3216e-01	-7.4155e-01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-4.6616e+00	-1.1760e-01	-5.5288e-01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-4.5278e+00	3.7537e-01	2.1606e-01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-6.4273e+00	-4.3397e-01	2.7386e-02
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	-7.1916e+00	-1.0802e+00	-1.7528e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-4.8922e+00	-8.4394e-01	-1.5113e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	-4.8690e+00	-2.3832e-01	-1.0352e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-6.7275e+00	-9.4576e-01	-1.2766e+00
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	-7.8260e+00	-1.0847e+00	-2.0926e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-5.3309e+00	-1.3853e+00	-1.7175e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-5.1923e+00	-8.9740e-01	-1.7613e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-7.2075e+00	-1.1112e+00	-2.1364e+00
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	-8.6902e+00	-8.6846e-01	-1.7727e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	-6.0070e+00	-1.6146e+00	-1.2157e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-5.6644e+00	-1.3240e+00	-1.7432e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	-7.9085e+00	-1.0246e+00	-2.3003e+00
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	-9.8763e+00	-4.1113e-01	-9.3068e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	-6.8974e+00	-1.5267e+00	-1.7053e-01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-6.3607e+00	-1.4131e+00	-1.0829e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-8.8788e+00	-7.2050e-01	-1.8431e+00
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.1394e+01	2.5386e-01	3.0292e-01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-7.9854e+00	-1.1327e+00	1.2590e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-7.2675e+00	-1.1762e+00	6.1016e-02
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.0182e+01	-1.8857e-01	-8.9506e-01
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.3124e+01	9.5454e-01	1.7147e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	-9.2549e+00	-4.3661e-01	2.8088e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	-8.3374e+00	-6.5328e-01	1.5129e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.1834e+01	5.2400e-01	4.1868e-01
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.4804e+01	1.3608e+00	2.8513e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.0611e+01	4.7701e-01	3.9372e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	-9.5093e+00	9.8511e-02	2.9296e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.3713e+01	1.2117e+00	1.8437e+00
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.6174e+01	1.2061e+00	3.0567e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.1783e+01	1.2926e+00	3.9292e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.0696e+01	9.3911e-01	3.6894e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.5500e+01	1.5008e+00	2.8169e+00
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.7313e+01	7.4825e-01	2.0267e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.2388e+01	1.4952e+00	2.5868e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.1769e+01	1.5632e+00	3.1720e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.6802e+01	1.1506e+00	2.6119e+00
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	-9.4213e+00	-2.2781e+00	-1.2192e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-7.1831e+00	-1.4118e+00	-9.4159e-01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-6.9034e+00	-9.4612e-01	-8.8271e-02
	365	0.0000e+00	0.0000e+00	0.0000e+00	-9.1407e+00	-1.7709e+00	-3.6586e-01
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.0197e+01	-1.9074e+00	-2.4829e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-7.7883e+00	-1.5396e+00	-1.9820e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-7.4618e+00	-1.3560e+00	-1.4054e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	-9.5121e+00	-2.1308e+00	-1.9063e+00
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.1026e+01	-1.2497e+00	-2.9918e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	-8.6194e+00	-1.3357e+00	-2.3858e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-8.1605e+00	-1.3388e+00	-2.2918e+00

	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.0262e+01	-1.6112e+00	-2.8977e+00
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.2105e+01	-5.1987e-01	-2.9655e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-9.6760e+00	-9.6669e-01	-2.1730e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	-9.0102e+00	-1.0688e+00	-2.4760e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.1171e+01	-9.1515e-01	-3.2685e+00
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.3681e+01	3.5432e-01	-2.5550e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.1063e+01	-4.3338e-01	-1.4475e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.0124e+01	-5.9367e-01	-2.0738e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.2385e+01	-1.4012e-01	-3.1813e+00
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	-1.5866e+01	1.3903e+00	-1.7605e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.2838e+01	2.4991e-01	-2.9201e-01
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.1613e+01	8.8011e-02	-1.2265e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.4126e+01	7.9957e-01	-2.6950e+00
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	-1.8518e+01	2.3302e+00	-5.5626e-01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.4886e+01	9.0985e-01	1.1527e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.3472e+01	8.8260e-01	-4.9866e-02
	359	0.0000e+00	0.0000e+00	0.0000e+00	-1.6483e+01	1.8455e+00	-1.7588e+00
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.1083e+01	2.4742e+00	8.9430e-01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.6852e+01	1.1801e+00	2.4678e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.5471e+01	1.4735e+00	1.2428e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	-1.9288e+01	2.6073e+00	-3.3072e-01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.2818e+01	1.0800e+00	1.8539e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.8288e+01	7.4054e-01	2.8421e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.7162e+01	1.3863e+00	2.2044e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.1950e+01	2.3107e+00	1.2162e+00
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	-2.4184e+01	-8.6847e-01	1.1223e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.9076e+01	-1.0670e-01	1.7602e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.8287e+01	5.4365e-01	2.2046e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.3685e+01	4.2477e-01	1.5667e+00
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.2919e+01	-4.0969e+00	-1.8036e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	-9.9506e+00	-2.9663e+00	-1.5368e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	-9.5840e+00	-2.4423e+00	-3.8964e-01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.2747e+01	-3.5851e+00	-6.5648e-01
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.3493e+01	-2.6636e+00	-3.2584e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.0866e+01	-2.3362e+00	-2.6880e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	-1.0364e+01	-2.6703e+00	-2.0887e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.2843e+01	-3.5307e+00	-2.6591e+00
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.3825e+01	-1.6386e+00	-3.7555e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.1797e+01	-1.4406e+00	-3.2855e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.1198e+01	-1.9883e+00	-3.0864e+00
	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.3476e+01	-2.1849e+00	-3.5564e+00
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.4604e+01	-6.6240e-01	-4.1999e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.2905e+01	-6.2024e-01	-3.4603e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.2092e+01	-1.1230e+00	-3.4112e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.3924e+01	-1.1782e+00	-4.1507e+00
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	-1.6206e+01	4.8845e-01	-4.5358e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.4555e+01	2.8625e-01	-3.2801e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.3332e+01	-1.8171e-01	-3.3878e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.4894e+01	-1.7042e-01	-4.6435e+00
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	-1.8856e+01	1.9455e+00	-4.5811e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	-1.6927e+01	1.3314e+00	-2.6810e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.5214e+01	9.4271e-01	-3.0643e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-1.6733e+01	1.0883e+00	-4.9644e+00
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	-2.2633e+01	3.5652e+00	-4.0252e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	-1.9947e+01	2.2510e+00	-1.5072e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	-1.7859e+01	2.2099e+00	-2.3744e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	-1.9640e+01	2.6144e+00	-4.8924e+00
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	-2.7153e+01	4.4969e+00	-2.4286e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.3062e+01	2.3095e+00	2.9366e-01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.1068e+01	3.1617e+00	-1.2531e+00
	347	0.0000e+00	0.0000e+00	0.0000e+00	-2.3652e+01	4.0397e+00	-3.9754e+00
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	-3.0177e+01	2.2280e+00	9.3973e-02
	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.5325e+01	7.1453e-01	1.7141e+00

	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.3890e+01	2.6392e+00	1.3723e-01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-2.8342e+01	4.2508e+00	-1.4829e+00
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	-3.1929e+01	-2.8338e+00	7.8391e-02
	355	0.0000e+00	0.0000e+00	0.0000e+00	-2.6107e+01	-1.7840e+00	6.6666e-01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.5128e+01	-1.6018e-01	1.0421e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	-3.1720e+01	1.4551e-01	4.5388e-01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.8797e+01	-7.4276e+00	-2.2180e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.3280e+01	-5.0755e+00	-2.2708e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.3163e+01	-4.6277e+00	-6.5926e-01
	343	0.0000e+00	0.0000e+00	0.0000e+00	-1.9020e+01	-5.4695e+00	-6.0644e-01
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	-1.6681e+01	-3.9450e+00	-2.7362e+00
	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.4328e+01	-2.7172e+00	-3.2006e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.4335e+01	-4.2837e+00	-3.1628e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.7611e+01	-3.1307e+00	-2.6984e+00
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	-1.5357e+01	-2.7689e+00	-3.5842e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.4426e+01	-1.6906e+00	-3.9756e+00
	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.4270e+01	-2.7627e+00	-3.5398e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	-1.6303e+01	-2.5481e+00	-3.1484e+00
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	-1.5212e+01	-1.8904e+00	-5.0056e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.4936e+01	-7.7610e-01	-4.7549e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.4458e+01	-1.6005e+00	-4.0590e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	-1.5184e+01	-1.8654e+00	-4.3096e+00
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	-1.6286e+01	-7.5370e-01	-6.4961e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-1.6406e+01	3.4676e-01	-5.4576e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.5272e+01	-4.5129e-01	-4.7095e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	-1.5324e+01	-8.3346e-01	-5.7480e+00
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	-1.8770e+01	8.3919e-01	-7.9013e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	-1.9068e+01	1.8041e+00	-5.9240e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-1.7126e+01	9.8272e-01	-5.2786e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-1.6720e+01	6.6844e-01	-7.2558e+00
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	-2.3112e+01	3.0030e+00	-8.9404e+00
	347	0.0000e+00	0.0000e+00	0.0000e+00	-2.3115e+01	3.4191e+00	-5.7895e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	-2.0296e+01	2.8252e+00	-5.5427e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	-1.9572e+01	2.7522e+00	-8.6936e+00
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	-3.0284e+01	5.6812e+00	-8.7433e+00
	346	0.0000e+00	0.0000e+00	0.0000e+00	-2.8309e+01	4.2953e+00	-4.1844e+00
	347	0.0000e+00	0.0000e+00	0.0000e+00	-2.5061e+01	4.8698e+00	-5.1489e+00
	329	0.0000e+00	0.0000e+00	0.0000e+00	-2.4330e+01	5.3954e+00	-9.7079e+00
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	-3.9110e+01	7.5209e+00	-4.8855e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	-3.3714e+01	1.8008e+00	9.5830e-02
	346	0.0000e+00	0.0000e+00	0.0000e+00	-3.0967e+01	6.0282e+00	-3.5398e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	-3.1803e+01	7.5134e+00	-8.5212e+00
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	-4.3891e+01	-5.7887e+00	-1.3175e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	-3.4266e+01	-4.1630e+00	-3.2246e-01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-3.3512e+01	-3.4427e-02	-8.7686e-01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-4.2636e+01	2.6900e+00	-1.8719e+00
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	-2.3861e+01	3.3488e+00	7.4947e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-2.4652e+01	-6.3537e+00	1.2681e-01
	343	0.0000e+00	0.0000e+00	0.0000e+00	-1.3868e+01	-9.0844e+00	-1.0140e+00
	5	0.0000e+00	0.0000e+00	0.0000e+00	-4.9515e+01	-1.6526e+01	6.3539e+00
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	-1.6792e+01	-2.1816e+00	1.5393e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	-1.8254e+01	-2.8585e+00	-2.0789e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-2.1107e+01	-5.1585e+00	-3.5551e-01
	342	0.0000e+00	0.0000e+00	0.0000e+00	-2.1242e+01	-9.2508e+00	3.2627e+00
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	-1.3658e+01	-2.4628e+00	-1.9170e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	-1.5547e+01	-2.6775e+00	-3.3882e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	-1.6409e+01	-3.5725e+00	-1.6039e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	-1.5766e+01	-7.3232e+00	-1.3280e-01
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	-1.2392e+01	-1.6967e+00	-4.7971e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	-1.4893e+01	-1.9533e+00	-5.1053e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	-1.4576e+01	-2.6600e+00	-3.3724e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-1.3331e+01	-6.3508e+00	-3.0642e+00
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	-1.2368e+01	-2.1780e-01	-7.5183e+00

	333	0.0000e+00	0.0000e+00	0.0000e+00	-1.5691e+01	-7.8683e-01	-6.9086e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	-1.4290e+01	-1.5629e+00	-5.1624e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-1.2538e+01	-5.5927e+00	-5.7720e+00
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-1.3509e+01	1.9959e+00	-1.0329e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-1.7965e+01	9.1332e-01	-8.7404e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-1.5315e+01	-4.3534e-02	-6.9009e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-1.2953e+01	-4.7717e+00	-8.4896e+00
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.6145e+01	5.0375e+00	-1.3443e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-2.2216e+01	3.2292e+00	-1.0518e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-1.7834e+01	2.1124e+00	-8.5189e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	-1.4624e+01	-3.6582e+00	-1.1444e+01
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-2.1438e+01	8.8802e+00	-1.7096e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-2.9823e+01	6.0056e+00	-1.1846e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-2.2610e+01	5.1919e+00	-9.7279e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.8054e+01	-1.8797e+00	-1.4978e+01
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-3.2749e+01	1.2721e+01	-2.1147e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-4.5730e+01	6.6395e+00	-1.0448e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-3.2079e+01	1.0070e+01	-9.1598e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-2.4804e+01	1.4370e+00	-1.9860e+01
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0065e+02	9.2884e+00	-1.8666e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-3.9444e+01	-1.0491e+01	4.5042e+00
	325	0.0000e+00	0.0000e+00	0.0000e+00	-5.3697e+01	9.2821e+00	-7.6981e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	-3.9628e+01	1.3685e+01	-3.0868e+01
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	9.5661e+01	3.5061e+00	8.6957e+00
	323	0.0000e+00	0.0000e+00	0.0000e+00	4.2531e+01	-4.8547e+01	7.7037e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	2.6616e+02	6.8032e+01	5.4182e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	9.9651e+00	6.1273e+01	-1.4159e+01
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	3.3480e+01	-1.4564e+01	5.3308e+00
	322	0.0000e+00	0.0000e+00	0.0000e+00	2.1534e+01	-6.7095e+00	2.3715e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	2.2658e+01	8.4021e+00	3.3295e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	6.9460e+01	-2.7311e+00	1.4912e+01
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	1.7752e+01	-8.2179e+00	5.9405e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	1.2994e+01	-4.9660e+00	1.2102e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	1.6785e+01	6.9087e-01	1.8007e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	2.6397e+01	-7.7606e+00	1.1846e+01
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	1.2184e+01	-7.4049e+00	2.5913e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	1.0493e+01	-4.3412e+00	4.6936e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	1.1143e+01	-2.3447e+00	8.8366e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	1.5778e+01	-7.4916e+00	6.7342e+00
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	1.1019e+01	-7.4303e+00	-1.0280e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	9.8589e+00	-4.2276e+00	-6.9928e-01
	320	0.0000e+00	0.0000e+00	0.0000e+00	9.9383e+00	-3.7069e+00	2.7307e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	1.1603e+01	-7.3020e+00	2.4020e+00
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	1.2912e+01	-8.0431e+00	-5.1361e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	1.0364e+01	-3.7701e+00	-6.1881e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	1.0026e+01	-4.4489e+00	-2.4805e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	1.1126e+01	-7.5236e+00	-1.4286e+00
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	1.9287e+01	-9.2458e+00	-1.0323e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	1.2260e+01	-2.5475e+00	-1.3509e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	1.1322e+01	-4.9833e+00	-8.4155e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	1.3795e+01	-8.3798e+00	-5.2298e+00
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	3.4283e+01	-1.0899e+01	-1.6910e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	1.9884e+01	6.9564e-01	-2.5496e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	1.4857e+01	-6.4749e+00	-1.7651e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	2.1981e+01	-1.0427e+01	-9.0656e+00
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	9.4753e+01	-6.2747e+00	-2.0739e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	2.7198e+01	9.1947e+00	-4.6310e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	2.6295e+01	-1.0008e+01	-3.3144e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	4.4047e+01	-2.0631e+01	-7.5734e+00
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	1.6244e+01	8.5427e+01	2.8307e+01
	13	0.0000e+00	0.0000e+00	0.0000e+00	3.6951e+02	7.5858e+01	-7.0305e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	5.3424e+01	-6.8264e+01	-1.0896e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	1.3329e+02	-1.2227e+00	-1.0349e+01

2232	303	0.0000e+00	0.0000e+00	0.0000e+00	2.1639e+01	1.7228e+01	-7.3511e+00
	313	0.0000e+00	0.0000e+00	0.0000e+00	5.2047e+01	2.0022e+01	-8.9277e+00
	314	0.0000e+00	0.0000e+00	0.0000e+00	4.9817e+01	3.7931e+01	-1.9356e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	2.0687e+01	2.6868e+01	-3.5904e-01
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	2.4920e+01	-7.3345e+00	-3.1685e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	2.9768e+01	-7.4505e+00	4.0430e+00
	313	0.0000e+00	0.0000e+00	0.0000e+00	4.1231e+01	-8.3495e+00	-4.1462e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	2.8013e+01	7.7642e+00	-1.1358e+01
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	1.7135e+01	-9.3985e+00	-6.8120e-01
	311	0.0000e+00	0.0000e+00	0.0000e+00	1.8306e+01	-9.0047e+00	5.6046e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	2.7653e+01	-8.4412e+00	4.0197e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	2.0475e+01	-4.9066e+00	-2.2661e+00
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	1.2086e+01	-9.6270e+00	-2.3950e-01
	310	0.0000e+00	0.0000e+00	0.0000e+00	1.3049e+01	-8.5530e+00	2.7848e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	1.6565e+01	-8.1148e+00	3.3878e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.4674e+01	-8.2358e+00	3.6347e-01
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	1.0725e+01	-9.6144e+00	-6.9641e-01
	309	0.0000e+00	0.0000e+00	0.0000e+00	1.1733e+01	-8.4172e+00	-1.6314e-01
	310	0.0000e+00	0.0000e+00	0.0000e+00	1.2368e+01	-8.1517e+00	9.5789e-01
	300	0.0000e+00	0.0000e+00	0.0000e+00	1.1166e+01	-9.1761e+00	4.2461e-01
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	1.2752e+01	-9.8477e+00	-1.2700e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	1.3853e+01	-8.7724e+00	-3.0813e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	1.1974e+01	-8.7023e+00	-1.9480e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	1.0975e+01	-9.8730e+00	-1.3667e-01
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	1.8613e+01	-9.6478e+00	-8.5875e-01
	307	0.0000e+00	0.0000e+00	0.0000e+00	2.0522e+01	-9.7538e+00	-5.6754e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	1.5096e+01	-9.8206e+00	-5.1777e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	1.4318e+01	-1.0913e+01	-3.6103e-01
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	2.7417e+01	-6.1500e+00	3.3076e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	3.6574e+01	-1.1430e+01	-5.9480e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	2.3082e+01	-1.1479e+01	-8.5079e+00
	297	0.0000e+00	0.0000e+00	0.0000e+00	2.2228e+01	-1.1686e+01	7.4766e-01
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	3.8402e+01	1.0873e+01	1.7447e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	5.7105e+01	-1.3221e+01	6.5686e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	3.9513e+01	-1.0847e+01	-5.9474e+00
	296	0.0000e+00	0.0000e+00	0.0000e+00	3.4037e+01	-1.0136e+01	4.9313e+00
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	2.7348e+01	3.8739e+01	3.8015e+00
	206	0.0000e+00	0.0000e+00	0.0000e+00	6.7716e+01	5.4122e+01	7.1428e+00
	305	0.0000e+00	0.0000e+00	0.0000e+00	7.1908e+01	2.4572e+01	1.5200e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	2.9900e+01	2.3986e+01	1.1859e+01
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	5.6923e+00	1.0627e+01	-5.2678e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	2.0369e+01	1.3576e+01	-6.9113e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	1.7573e+01	2.1146e+01	-1.7832e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	5.1713e+00	1.3932e+01	-1.3965e-01
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	9.0008e+00	-3.3518e-01	-5.6310e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	1.8958e+01	-3.4399e+00	-6.6897e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	1.7477e+01	6.0236e+00	-8.3466e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	8.3449e+00	6.2025e+00	-7.2879e+00
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	8.4653e+00	-6.3951e+00	-3.8321e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.3943e+01	-7.9197e+00	-1.8390e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	1.7560e+01	-5.7719e+00	-4.5353e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	8.8701e+00	-1.9531e+00	-6.5283e+00
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	6.6497e+00	-8.3629e+00	-1.8533e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	1.0543e+01	-9.3215e+00	-2.3817e-01
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.2960e+01	-8.7309e+00	-1.8909e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	7.4929e+00	-6.4140e+00	-3.5060e+00
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	5.9885e+00	-8.8009e+00	-7.1062e-02
	299	0.0000e+00	0.0000e+00	0.0000e+00	9.6799e+00	-9.7959e+00	2.1063e-01
	300	0.0000e+00	0.0000e+00	0.0000e+00	1.0112e+01	-9.4947e+00	-9.1556e-01
	290	0.0000e+00	0.0000e+00	0.0000e+00	6.1246e+00	-8.2578e+00	-1.1973e+00
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	7.0828e+00	-8.5072e+00	2.0065e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	1.1629e+01	-1.0202e+01	6.9602e-01
	299	0.0000e+00	0.0000e+00	0.0000e+00	9.8532e+00	-9.9640e+00	-6.2403e-01

	289	0.0000e+00	0.0000e+00	0.0000e+00	6.2134e+00	-9.0431e+00	6.8648e-01
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	9.6631e+00	-6.7708e+00	5.1558e+00
	297	0.0000e+00	0.0000e+00	0.0000e+00	1.6520e+01	-1.0189e+01	2.3647e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	1.2438e+01	-1.0321e+01	2.6388e-02
	288	0.0000e+00	0.0000e+00	0.0000e+00	8.1113e+00	-9.1048e+00	2.8175e+00
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	1.1904e+01	-1.2982e+00	9.7528e+00
	296	0.0000e+00	0.0000e+00	0.0000e+00	2.3568e+01	-7.1640e+00	6.6273e+00
	297	0.0000e+00	0.0000e+00	0.0000e+00	1.7960e+01	-9.3857e+00	2.5341e+00
	287	0.0000e+00	0.0000e+00	0.0000e+00	1.1204e+01	-7.1395e+00	5.6596e+00
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	1.1083e+01	9.7238e+00	1.1533e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	2.3567e+01	8.6405e+00	1.3023e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	2.5490e+01	-4.0959e+00	1.0076e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	1.2168e+01	6.6216e-01	8.5854e+00
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	5.7020e+00	2.0913e+01	1.7792e+00
	195	0.0000e+00	0.0000e+00	0.0000e+00	2.2498e+01	3.1046e+01	4.9714e+00
	295	0.0000e+00	0.0000e+00	0.0000e+00	2.7562e+01	1.9486e+01	1.1817e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	7.0804e+00	1.6051e+01	8.6252e+00
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	-4.3435e+00	5.5131e+00	-3.6999e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	4.5229e+00	7.9234e+00	-4.4701e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	3.2921e+00	1.0967e+01	-1.2172e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	-4.6672e+00	6.9306e+00	-4.4705e-01
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	-2.5618e+00	5.4427e-01	-5.3249e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	5.7760e+00	-2.8731e-01	-6.7064e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	3.5595e+00	4.9808e+00	-6.4116e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	-3.1336e+00	3.5651e+00	-5.0302e+00
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.5684e+00	-3.6265e+00	-4.4455e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	5.1655e+00	-5.4404e+00	-4.6550e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	5.0169e+00	-2.5218e+00	-6.3346e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.8426e+00	-1.0070e+00	-6.1251e+00
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	-1.6027e+00	-5.7118e+00	-2.3402e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	4.0279e+00	-7.7189e+00	-1.9920e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	4.6411e+00	-6.5613e+00	-4.1663e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.5130e+00	-4.2594e+00	-4.5145e+00
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	-1.8048e+00	-6.2592e+00	3.1299e-01
	289	0.0000e+00	0.0000e+00	0.0000e+00	3.6762e+00	-8.5183e+00	4.1104e-01
	290	0.0000e+00	0.0000e+00	0.0000e+00	3.7651e+00	-8.1004e+00	-1.8392e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	-1.6958e+00	-5.9000e+00	-1.9373e+00
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	-1.6791e+00	-5.7091e+00	3.3727e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	4.5339e+00	-8.4799e+00	2.9501e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	3.7183e+00	-8.5176e+00	4.6900e-01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-1.7164e+00	-6.3713e+00	8.9157e-01
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	-1.4890e+00	-3.7446e+00	6.6693e+00
	287	0.0000e+00	0.0000e+00	0.0000e+00	6.1551e+00	-7.0065e+00	6.0730e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	4.8962e+00	-8.0294e+00	3.2520e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	-1.4337e+00	-5.7006e+00	3.8483e+00
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	-2.1447e+00	3.6138e-01	9.0550e+00
	286	0.0000e+00	0.0000e+00	0.0000e+00	6.7787e+00	-2.0154e+00	9.3767e+00
	287	0.0000e+00	0.0000e+00	0.0000e+00	6.8245e+00	-5.5529e+00	6.9325e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	-1.5413e+00	-3.0859e+00	6.6109e+00
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	-4.3119e+00	6.3139e+00	7.7516e+00
	285	0.0000e+00	0.0000e+00	0.0000e+00	4.3944e+00	8.1534e+00	9.9429e+00
	286	0.0000e+00	0.0000e+00	0.0000e+00	7.7551e+00	1.0290e+00	1.0190e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	-3.2498e+00	2.3779e+00	7.9992e+00
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	-7.1964e+00	1.0658e+01	1.0685e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	3.1518e+00	1.6838e+01	2.7485e+00
	285	0.0000e+00	0.0000e+00	0.0000e+00	5.6708e+00	1.2334e+01	7.5140e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	-6.3244e+00	9.0696e+00	5.8339e+00
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.2617e+01	1.8947e+00	-2.7674e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	-5.8066e+00	3.6758e+00	-3.1635e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	-6.3701e+00	5.0233e+00	-1.0192e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.2853e+01	2.5550e+00	-6.2316e-01
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.1748e+01	-7.2172e-02	-4.5495e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	-4.6994e+00	-1.9808e-01	-5.4160e+00

	283	0.0000e+00	0.0000e+00	0.0000e+00	-6.2027e+00	2.5020e+00	-4.7603e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.1994e+01	1.0765e+00	-3.8938e+00
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.0950e+01	-1.9858e+00	-4.2513e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	-4.2549e+00	-3.4766e+00	-4.7603e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	-5.1363e+00	-1.3926e+00	-5.7542e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.1096e+01	-9.1381e-01	-5.2452e+00
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.0695e+01	-3.0885e+00	-2.4509e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	-4.4092e+00	-5.2756e+00	-2.5063e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	-4.6049e+00	-4.2113e+00	-4.4916e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.0611e+01	-2.4640e+00	-4.4361e+00
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.0931e+01	-3.2872e+00	1.9422e-01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-4.6701e+00	-5.8758e+00	3.6478e-01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-4.6414e+00	-5.5279e+00	-2.0936e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.0615e+01	-3.2445e+00	-2.2641e+00
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.1514e+01	-2.6924e+00	3.2048e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	-4.8314e+00	-5.4928e+00	3.4901e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	-4.7715e+00	-5.7235e+00	8.2683e-01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.0998e+01	-3.2458e+00	5.4150e-01
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.2457e+01	-1.3402e+00	5.9614e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	-5.2020e+00	-3.7885e+00	6.5149e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	-4.7761e+00	-4.9118e+00	4.0288e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.1765e+01	-2.4330e+00	3.4753e+00
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.3868e+01	6.8843e-01	7.2703e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	-6.4066e+00	-1.5415e-01	8.3783e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	-4.9507e+00	-2.6564e+00	6.9624e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.3088e+01	-6.9304e-01	5.8545e+00
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.5611e+01	2.8596e+00	5.6060e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	-8.4258e+00	4.8961e+00	7.1377e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	-5.9527e+00	1.5027e+00	8.0306e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.4992e+01	1.7695e+00	6.4989e+00
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.7217e+01	3.8603e+00	7.3825e-01
	173	0.0000e+00	0.0000e+00	0.0000e+00	-9.1879e+00	7.9771e+00	1.5770e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	-7.9260e+00	6.4181e+00	4.9487e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.6786e+01	3.8528e+00	4.1100e+00
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.0671e+01	-1.0171e+00	-2.2484e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.4248e+01	4.7469e-01	-2.5099e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.4578e+01	1.0798e+00	-8.1787e-01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.0869e+01	-7.8170e-01	-5.5641e-01
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.0344e+01	-1.0042e+00	-4.0997e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.3665e+01	-9.2735e-01	-4.4648e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.4512e+01	1.0609e-01	-3.7959e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.0235e+01	-1.1428e+00	-3.4308e+00
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.9894e+01	-1.0033e+00	-4.0541e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.3352e+01	-2.1705e+00	-4.3405e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.4015e+01	-1.3076e+00	-5.0295e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.9809e+01	-1.1093e+00	-4.7431e+00
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.9734e+01	-9.5404e-01	-2.6222e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.3422e+01	-2.8789e+00	-2.6337e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.3641e+01	-2.4201e+00	-4.2979e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.9538e+01	-1.0469e+00	-4.2864e+00
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.0205e+01	-6.2103e-01	-4.2951e-01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.3886e+01	-2.9794e+00	-4.7348e-02
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.3669e+01	-2.8864e+00	-2.2475e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.9650e+01	-8.8439e-01	-2.6297e+00
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	-2.1383e+01	3.7388e-02	2.0889e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.4753e+01	-2.4732e+00	2.8826e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.4131e+01	-2.6939e+00	4.7294e-01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.0403e+01	-4.2903e-01	-3.2078e-01
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	-2.3047e+01	7.3212e-01	4.4257e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.6028e+01	-1.3605e+00	5.5335e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.4958e+01	-1.9257e+00	3.3453e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	-2.1881e+01	3.1838e-01	2.2375e+00
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	-2.4701e+01	8.7544e-01	5.6558e+00



	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.7568e+01	2.0580e-01	6.8168e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.6063e+01	-6.9002e-01	5.6230e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	-2.3863e+01	1.0062e+00	4.4620e+00
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	-2.5855e+01	1.8301e-02	4.5423e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.8903e+01	1.6132e+00	5.3821e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.7324e+01	7.5839e-01	6.0807e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	-2.5740e+01	9.6882e-01	5.2409e+00
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	-2.6727e+01	-1.3887e+00	6.3758e-01
	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.9153e+01	1.8093e+00	9.2894e-01
	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.8531e+01	1.7891e+00	3.5376e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	-2.6760e+01	-1.8274e-01	3.2462e+00
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	-2.9525e+01	-3.9225e+00	-1.9838e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.2417e+01	-2.3646e+00	-2.2027e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.2702e+01	-2.2111e+00	-4.4502e-01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.9682e+01	-4.1365e+00	-2.2614e-01
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	-2.9277e+01	-1.8602e+00	-3.9012e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.2327e+01	-1.8143e+00	-3.9661e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.2764e+01	-2.1422e+00	-3.3887e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-2.8971e+01	-3.2406e+00	-3.3238e+00
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	-2.8513e+01	-3.5621e-01	-3.7476e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	-2.2245e+01	-1.2160e+00	-4.0224e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.2630e+01	-1.6102e+00	-4.6458e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	-2.8683e+01	-1.2346e+00	-4.3710e+00
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.8025e+01	4.9950e-01	-2.7503e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.2305e+01	-8.4425e-01	-2.8373e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	-2.2392e+01	-1.1520e+00	-4.1109e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	-2.8113e+01	2.8428e-02	-4.0240e+00
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.8569e+01	1.2679e+00	-1.4389e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.2944e+01	-4.3867e-01	-9.0673e-01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.2496e+01	-6.8822e-01	-2.5210e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.7942e+01	8.0438e-01	-3.0531e+00
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	-3.0403e+01	2.1787e+00	1.5869e-01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-2.4378e+01	1.4209e-01	1.4412e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.3329e+01	-2.2693e-02	-4.2136e-01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.8863e+01	1.6320e+00	-1.7039e+00
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	-3.3194e+01	2.7911e+00	2.0507e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	-2.6395e+01	6.3445e-01	3.8268e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	-2.4929e+01	7.6180e-01	1.8457e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	-3.1075e+01	2.5314e+00	6.9556e-02
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	-3.5820e+01	1.8411e+00	3.8449e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	-2.8306e+01	3.9625e-01	5.3759e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	-2.6854e+01	1.1109e+00	3.7976e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	-3.4182e+01	2.7940e+00	2.2666e+00
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	-3.6885e+01	-1.8713e+00	4.1214e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	-2.9266e+01	-1.1009e+00	4.5712e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	-2.8260e+01	2.0506e-01	4.5365e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	-3.6983e+01	1.0442e+00	4.0868e+00
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	-3.7313e+01	-6.2762e+00	8.5412e-01
	151	0.0000e+00	0.0000e+00	0.0000e+00	-2.8905e+01	-3.2522e+00	6.3340e-01
	255	0.0000e+00	0.0000e+00	0.0000e+00	-2.8693e+01	-2.0158e+00	2.8879e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	-3.7971e+01	-3.4599e+00	3.1087e+00
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	-4.0522e+01	-7.1954e+00	-1.8148e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-3.1299e+01	-5.4533e+00	-2.0340e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	-3.1651e+01	-5.8737e+00	1.7763e-01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-4.0612e+01	-8.5147e+00	3.9686e-01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	-3.8872e+01	-1.8488e+00	-3.0300e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	-3.1606e+01	-2.3552e+00	-3.4027e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-3.1980e+01	-4.3904e+00	-3.3992e+00
	243	0.0000e+00	0.0000e+00	0.0000e+00	-3.9251e+01	-4.9038e+00	-3.0265e+00
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	-3.5972e+01	3.0797e-03	-2.2228e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	-3.0906e+01	-2.9289e-01	-3.4801e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	-3.1495e+01	-1.9674e+00	-4.1720e+00
	242	0.0000e+00	0.0000e+00	0.0000e+00	-3.7921e+01	-8.9210e-01	-2.9148e+00

2295 240 0.0000e+00 0.0000e+00 0.0000e+00 -3.4181e+01 8.7081e-01 -2.2594e+00  
250 0.0000e+00 0.0000e+00 0.0000e+00 -3.0203e+01 6.0445e-01 -2.9891e+00  
251 0.0000e+00 0.0000e+00 0.0000e+00 -3.0538e+01 -3.5782e-01 -3.5296e+00  
241 0.0000e+00 0.0000e+00 0.0000e+00 -3.5319e+01 4.4708e-01 -2.7999e+00

2296 239 0.0000e+00 0.0000e+00 0.0000e+00 -3.4365e+01 1.7755e+00 -2.6313e+00  
249 0.0000e+00 0.0000e+00 0.0000e+00 -3.0670e+01 1.2866e+00 -2.1863e+00  
250 0.0000e+00 0.0000e+00 0.0000e+00 -3.0149e+01 7.0581e-01 -2.6798e+00  
240 0.0000e+00 0.0000e+00 0.0000e+00 -3.3988e+01 1.1951e+00 -3.1249e+00

2297 238 0.0000e+00 0.0000e+00 0.0000e+00 -3.6831e+01 3.1162e+00 -2.7909e+00  
248 0.0000e+00 0.0000e+00 0.0000e+00 -3.2694e+01 2.0845e+00 -9.7332e-01  
249 0.0000e+00 0.0000e+00 0.0000e+00 -3.1143e+01 1.8168e+00 -1.7158e+00  
239 0.0000e+00 0.0000e+00 0.0000e+00 -3.4714e+01 2.2566e+00 -3.5334e+00

2298 237 0.0000e+00 0.0000e+00 0.0000e+00 -4.1517e+01 4.5823e+00 -2.1290e+00  
247 0.0000e+00 0.0000e+00 0.0000e+00 -3.6026e+01 2.5349e+00 8.8971e-01  
248 0.0000e+00 0.0000e+00 0.0000e+00 -3.3721e+01 3.0238e+00 -4.8219e-01  
238 0.0000e+00 0.0000e+00 0.0000e+00 -3.7729e+01 3.6952e+00 -3.5009e+00

2299 236 0.0000e+00 0.0000e+00 0.0000e+00 -4.7466e+01 4.5366e+00 6.7996e-02  
246 0.0000e+00 0.0000e+00 0.0000e+00 -3.9482e+01 1.3018e+00 3.3796e+00  
247 0.0000e+00 0.0000e+00 0.0000e+00 -3.7382e+01 3.4765e+00 1.1039e+00  
237 0.0000e+00 0.0000e+00 0.0000e+00 -4.2882e+01 4.7518e+00 -2.2077e+00

2300 235 0.0000e+00 0.0000e+00 0.0000e+00 -5.0393e+01 -1.4364e+00 3.4046e+00  
245 0.0000e+00 0.0000e+00 0.0000e+00 -4.1230e+01 -2.8884e+00 4.5307e+00  
246 0.0000e+00 0.0000e+00 0.0000e+00 -4.0238e+01 1.1010e+00 2.6510e+00  
236 0.0000e+00 0.0000e+00 0.0000e+00 -4.9112e+01 3.3742e+00 1.5249e+00

2301 129 0.0000e+00 0.0000e+00 0.0000e+00 -5.1026e+01 -1.1557e+01 1.5706e+00  
140 0.0000e+00 0.0000e+00 0.0000e+00 -4.0059e+01 -8.3104e+00 7.9180e-01  
245 0.0000e+00 0.0000e+00 0.0000e+00 -4.0115e+01 -5.2321e+00 2.7286e+00  
235 0.0000e+00 0.0000e+00 0.0000e+00 -5.2542e+01 -5.8242e+00 3.5074e+00

2302 232 0.0000e+00 0.0000e+00 0.0000e+00 -5.7547e+01 -1.1407e+01 -5.3860e-01  
243 0.0000e+00 0.0000e+00 0.0000e+00 -4.2291e+01 -8.9409e+00 -1.6299e+00  
244 0.0000e+00 0.0000e+00 0.0000e+00 -4.3100e+01 -1.1192e+01 8.3599e-01  
234 0.0000e+00 0.0000e+00 0.0000e+00 -5.8940e+01 -1.3613e+01 1.9273e+00

2303 230 0.0000e+00 0.0000e+00 0.0000e+00 -4.6801e+01 -1.9930e+00 2.7000e+00  
242 0.0000e+00 0.0000e+00 0.0000e+00 -4.1960e+01 -8.3901e-01 -1.4832e+00  
243 0.0000e+00 0.0000e+00 0.0000e+00 -4.4083e+01 -6.4373e+00 -3.7273e+00  
232 0.0000e+00 0.0000e+00 0.0000e+00 -5.3122e+01 -8.3599e-01 4.5596e-01

2304 228 0.0000e+00 0.0000e+00 0.0000e+00 -3.9426e+01 -9.5322e-01 2.1719e+00  
241 0.0000e+00 0.0000e+00 0.0000e+00 -3.7939e+01 4.4973e-01 -1.6670e+00  
242 0.0000e+00 0.0000e+00 0.0000e+00 -4.0088e+01 -1.9662e+00 -1.6633e+00  
230 0.0000e+00 0.0000e+00 0.0000e+00 -4.5025e+01 -5.7041e-01 2.1755e+00

2305 226 0.0000e+00 0.0000e+00 0.0000e+00 -3.5673e+01 -9.1903e-01 -6.2924e-01  
240 0.0000e+00 0.0000e+00 0.0000e+00 -3.5245e+01 8.3900e-01 -2.5617e+00  
241 0.0000e+00 0.0000e+00 0.0000e+00 -3.6629e+01 -3.1745e-01 -1.4107e+00  
228 0.0000e+00 0.0000e+00 0.0000e+00 -3.8189e+01 -8.4048e-01 5.2176e-01

2306 224 0.0000e+00 0.0000e+00 0.0000e+00 -3.5078e+01 -3.1367e-01 -3.7641e+00  
239 0.0000e+00 0.0000e+00 0.0000e+00 -3.5063e+01 1.5002e+00 -3.7135e+00  
240 0.0000e+00 0.0000e+00 0.0000e+00 -3.4863e+01 6.7466e-01 -2.2535e+00  
226 0.0000e+00 0.0000e+00 0.0000e+00 -3.5175e+01 -4.0502e-01 -2.3041e+00

2307 222 0.0000e+00 0.0000e+00 0.0000e+00 -3.7625e+01 1.1593e+00 -6.7683e+00  
238 0.0000e+00 0.0000e+00 0.0000e+00 -3.7555e+01 2.7239e+00 -4.6666e+00  
239 0.0000e+00 0.0000e+00 0.0000e+00 -3.5597e+01 2.0216e+00 -3.3265e+00  
224 0.0000e+00 0.0000e+00 0.0000e+00 -3.5341e+01 9.3033e-01 -5.4281e+00

2308 220 0.0000e+00 0.0000e+00 0.0000e+00 -4.3865e+01 3.5586e+00 -9.0995e+00  
237 0.0000e+00 0.0000e+00 0.0000e+00 -4.2799e+01 4.0777e+00 -4.7077e+00  
238 0.0000e+00 0.0000e+00 0.0000e+00 -3.9116e+01 3.9832e+00 -4.0619e+00  
222 0.0000e+00 0.0000e+00 0.0000e+00 -3.8684e+01 3.2226e+00 -8.4538e+00

2309 218 0.0000e+00 0.0000e+00 0.0000e+00 -5.5287e+01 6.6361e+00 -9.1947e+00  
236 0.0000e+00 0.0000e+00 0.0000e+00 -5.0025e+01 3.8192e+00 -2.3050e+00  
237 0.0000e+00 0.0000e+00 0.0000e+00 -4.5656e+01 6.0652e+00 -3.8127e+00  
220 0.0000e+00 0.0000e+00 0.0000e+00 -4.5750e+01 6.2363e+00 -1.0702e+01

2310 216 0.0000e+00 0.0000e+00 0.0000e+00 -6.9043e+01 7.9034e+00 -2.7958e+00  
235 0.0000e+00 0.0000e+00 0.0000e+00 -5.7308e+01 -2.6647e+00 4.4627e+00  
236 0.0000e+00 0.0000e+00 0.0000e+00 -5.3979e+01 6.1817e+00 -1.6526e+00

	218	0.0000e+00	0.0000e+00	0.0000e+00	-5.7722e+01	7.7329e+00	-8.9111e+00
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	-7.5512e+01	-1.7439e+01	1.9278e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	-5.5165e+01	-1.4499e+01	1.8598e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	-5.5624e+01	-6.9447e+00	1.9895e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	-7.5190e+01	-4.2620e+00	2.0575e+00
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	-6.4860e+01	1.5069e+01	3.4181e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-7.4551e+01	-5.6757e+00	7.3897e+00
	234	0.0000e+00	0.0000e+00	0.0000e+00	-4.6634e+01	-2.2584e+01	-2.2312e+00
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4685e+02	-2.4262e+01	2.4560e+01
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	-4.3431e+01	-1.6022e+00	1.7413e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-4.9980e+01	1.4532e+00	4.5128e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	-6.3240e+01	-4.8569e+00	8.1206e+00
	233	0.0000e+00	0.0000e+00	0.0000e+00	-5.6207e+01	-8.9515e+00	2.1021e+01
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	-3.3647e+01	-4.0130e+00	8.7199e+00
	228	0.0000e+00	0.0000e+00	0.0000e+00	-3.9052e+01	-9.0773e-01	2.7775e+00
	230	0.0000e+00	0.0000e+00	0.0000e+00	-4.5095e+01	-2.1080e+00	6.9634e+00
	231	0.0000e+00	0.0000e+00	0.0000e+00	-3.9599e+01	-7.2985e+00	1.2906e+01
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	-2.9078e+01	-3.9556e+00	1.9027e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	-3.4444e+01	-1.4253e+00	-6.8315e-01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-3.6883e+01	-2.0113e+00	3.2919e+00
	229	0.0000e+00	0.0000e+00	0.0000e+00	-3.1858e+01	-7.3589e+00	5.8777e+00
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.7678e+01	-2.5769e+00	-4.2095e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	-3.3606e+01	-8.4721e-01	-4.4919e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	-3.3323e+01	-1.5213e+00	-6.4574e-01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-2.8531e+01	-7.4141e+00	-3.6335e-01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-2.8965e+01	-1.2749e-01	-1.0242e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-3.6055e+01	7.5136e-01	-8.3810e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	-3.3132e+01	-1.8459e-01	-4.4915e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.8132e+01	-7.0141e+00	-6.3523e+00
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-3.3402e+01	3.3437e+00	-1.6675e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-4.2431e+01	3.3090e+00	-1.2170e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-3.6254e+01	2.2510e+00	-8.0877e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	-3.0487e+01	-5.8740e+00	-1.2592e+01
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-4.3127e+01	7.5606e+00	-2.4007e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-5.5057e+01	6.3383e+00	-1.5138e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-4.3866e+01	6.1345e+00	-1.0922e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-3.6419e+01	-3.4439e+00	-1.9790e+01
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-6.4458e+01	1.0681e+01	-3.2060e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-8.2747e+01	4.8949e+00	-1.3166e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-6.0244e+01	1.2888e+01	-1.0520e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-4.8826e+01	1.8582e+00	-2.9414e+01
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.9369e+02	-2.1090e+00	-2.8801e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-6.4829e+01	-2.7774e+01	1.2472e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-9.8456e+01	7.4567e+00	-9.2291e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	-7.6756e+01	2.4801e+01	-5.0503e+01
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	1.4310e+02	1.4388e+01	1.0423e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	6.3520e+01	-7.5684e+01	1.0857e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	3.7614e+02	1.0370e+02	7.6448e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	1.0563e+01	8.3642e+01	-2.1694e+01
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	5.3867e+01	-2.2609e+01	5.3626e+00
	214	0.0000e+00	0.0000e+00	0.0000e+00	3.3847e+01	-9.9354e+00	3.4414e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	3.2312e+01	1.5170e+01	4.6100e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	1.0871e+02	2.3692e+00	1.7048e+01
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	2.8239e+01	-1.1360e+01	7.5060e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	1.9878e+01	-7.3455e+00	1.8661e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	2.7154e+01	3.8709e+00	2.6952e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	4.1431e+01	-1.0189e+01	1.5797e+01
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	1.8112e+01	-9.8092e+00	3.3452e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	1.5466e+01	-5.6946e+00	7.5043e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	1.6792e+01	-1.4125e+00	1.3425e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	2.4417e+01	-1.0205e+01	9.2657e+00
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	1.4559e+01	-9.3991e+00	-1.1308e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	1.4169e+01	-5.6538e+00	1.7999e-01

	212	0.0000e+00	0.0000e+00	0.0000e+00	1.4374e+01	-3.7925e+00	4.6427e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	1.6759e+01	-9.7759e+00	3.3319e+00
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	1.4321e+01	-9.4922e+00	-5.5288e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	1.4423e+01	-5.6113e+00	-5.8110e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	1.3922e+01	-5.1604e+00	-1.9964e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	1.4304e+01	-9.5952e+00	-1.7143e+00
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	1.6896e+01	-9.5113e+00	-9.8293e+00
	209	0.0000e+00	0.0000e+00	0.0000e+00	1.5764e+01	-5.0818e+00	-1.1519e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	1.4741e+01	-5.9489e+00	-7.8004e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	1.4819e+01	-9.6255e+00	-6.1109e+00
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	2.2297e+01	-8.7676e+00	-1.3952e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	1.9663e+01	-3.3265e+00	-1.7705e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	1.6737e+01	-6.5527e+00	-1.3843e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	1.8337e+01	-9.5315e+00	-1.0090e+01
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	4.2500e+01	-3.1726e+00	-1.5666e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	1.9260e+01	2.0581e-01	-2.3468e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	2.1156e+01	-5.8218e+00	-1.9624e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	2.6288e+01	-1.0823e+01	-1.1822e+01
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	-1.9178e+00	1.9813e+01	-9.5027e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	1.0938e+02	2.0348e+01	-2.7019e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	2.5715e+01	-1.9303e+01	-3.7325e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	4.9607e+01	3.6988e+00	-1.9809e+01
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	2.7312e+01	2.6400e+01	-1.3219e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	7.1634e+01	3.8818e+01	-1.5156e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	6.7846e+01	5.0925e+01	-4.4635e+00
	195	0.0000e+00	0.0000e+00	0.0000e+00	2.7547e+01	4.0034e+01	-2.5273e+00
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	3.4921e+01	-6.2512e+00	-6.8464e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	4.4671e+01	-7.6279e+00	1.1723e+00
	205	0.0000e+00	0.0000e+00	0.0000e+00	5.7458e+01	-9.5648e+00	-1.0316e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	3.6847e+01	1.4104e+01	-1.8335e+01
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	2.5703e+01	-1.1986e+01	-3.4395e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	2.8025e+01	-1.1525e+01	6.1400e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	4.1495e+01	-1.1835e+01	2.9709e+00
	193	0.0000e+00	0.0000e+00	0.0000e+00	2.9810e+01	-4.4652e+00	-6.6087e+00
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	1.7594e+01	-1.3021e+01	-2.6033e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	1.9399e+01	-1.1413e+01	2.9603e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	2.5212e+01	-1.1109e+01	3.3999e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	2.1989e+01	-1.0459e+01	-2.1637e+00
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	1.3517e+01	-1.2817e+01	-3.2650e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	1.5570e+01	-1.1089e+01	-8.0296e-01
	202	0.0000e+00	0.0000e+00	0.0000e+00	1.7928e+01	-1.0718e+01	6.3809e-01
	191	0.0000e+00	0.0000e+00	0.0000e+00	1.5677e+01	-1.2131e+01	-1.8240e+00
2337	189	0.0000e+00	0.0000e+00	0.0000e+00	1.2748e+01	-1.2487e+01	-4.5035e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	1.5114e+01	-1.0865e+01	-4.4175e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	1.5093e+01	-1.0762e+01	-2.8399e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	1.2927e+01	-1.2579e+01	-2.9259e+00
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	1.4946e+01	-1.1594e+01	-5.5195e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	1.7503e+01	-1.0548e+01	-7.5572e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	1.5477e+01	-1.0923e+01	-6.2846e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	1.3233e+01	-1.2651e+01	-4.2469e+00
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	1.8983e+01	-8.7455e+00	-5.4069e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	2.4055e+01	-9.3675e+00	-9.6506e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	1.8736e+01	-1.0839e+01	-9.4473e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	1.6515e+01	-1.1904e+01	-5.2035e+00
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	2.9573e+01	2.6615e-01	-2.5026e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	2.8240e+01	-5.4163e+00	-7.9754e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	2.5768e+01	-8.1794e+00	-9.9055e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	2.2004e+01	-9.6543e+00	-4.4327e+00
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	-6.8174e+00	1.4305e+01	-7.1055e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	7.7111e+01	2.3548e+01	-1.0720e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	3.5061e+01	-3.3066e+00	-1.2318e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	2.8601e+01	9.4209e+00	-8.7039e+00
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	6.7173e+00	1.6223e+01	-8.2923e+00

	194	0.0000e+00	0.0000e+00	0.0000e+00	2.6641e+01	2.1019e+01	-1.1174e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	2.2201e+01	3.1905e+01	-3.9213e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	5.8699e+00	2.0890e+01	-1.0397e+00
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	1.1275e+01	2.0912e+00	-9.8008e+00
	193	0.0000e+00	0.0000e+00	0.0000e+00	2.6344e+01	-1.1875e+00	-1.2037e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	2.3700e+01	1.1708e+01	-1.3193e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	9.8145e+00	1.0949e+01	-1.0956e+01
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	1.1557e+01	-7.4327e+00	-8.1768e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	2.0120e+01	-9.2031e+00	-5.8298e+00
	193	0.0000e+00	0.0000e+00	0.0000e+00	2.4368e+01	-6.1138e+00	-9.1421e+00
	182	0.0000e+00	0.0000e+00	0.0000e+00	1.1615e+01	-6.6344e-01	-1.1489e+01
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	9.0559e+00	-1.1351e+01	-6.1915e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	1.4856e+01	-1.2186e+01	-3.4482e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	1.8577e+01	-1.1496e+01	-5.5039e+00
	181	0.0000e+00	0.0000e+00	0.0000e+00	1.0368e+01	-7.8501e+00	-8.2471e+00
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	6.9944e+00	-1.2522e+01	-4.7498e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	1.1878e+01	-1.3008e+01	-3.1100e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	1.3895e+01	-1.2844e+01	-4.1160e+00
	180	0.0000e+00	0.0000e+00	0.0000e+00	7.9854e+00	-1.1137e+01	-5.7558e+00
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	6.4243e+00	-1.2417e+01	-3.6432e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	1.1368e+01	-1.3054e+01	-3.4859e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	1.1523e+01	-1.3109e+01	-4.1108e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	6.5582e+00	-1.2384e+01	-4.2681e+00
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	7.4880e+00	-1.1021e+01	-2.4153e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	1.3095e+01	-1.2329e+01	-3.6494e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	1.1634e+01	-1.2850e+01	-4.4458e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	6.6845e+00	-1.2422e+01	-3.2118e+00
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	8.9793e+00	-7.3510e+00	-8.4539e-01
	187	0.0000e+00	0.0000e+00	0.0000e+00	1.7259e+01	-9.5451e+00	-2.9915e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	1.4009e+01	-1.1606e+01	-4.3667e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	8.2917e+00	-1.0802e+01	-2.2206e+00
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	1.4931e+01	6.1409e-01	5.2213e-01
	186	0.0000e+00	0.0000e+00	0.0000e+00	1.6641e+01	-1.7678e+00	-1.0753e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	1.8526e+01	-6.9025e+00	-2.1747e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	1.0115e+01	-6.8876e+00	-5.7726e-01
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.7197e+01	9.2502e+00	-4.4125e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	5.4285e+01	1.7554e+01	-5.8728e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	2.1128e+01	-9.9864e-01	-6.2991e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	1.3280e+01	8.2351e+00	-4.8389e+00
2352	172	0.0000e+00	0.0000e+00	0.0000e+00	-6.7077e+00	8.2965e+00	-5.6890e+00
	183	0.0000e+00	0.0000e+00	0.0000e+00	5.0358e+00	1.2371e+01	-7.0742e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	2.7999e+00	1.6790e+01	-2.3065e+00
	173	0.0000e+00	0.0000e+00	0.0000e+00	-7.0135e+00	1.0471e+01	-9.2131e-01
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	-4.2636e+00	1.6999e+00	-8.8196e+00
	182	0.0000e+00	0.0000e+00	0.0000e+00	7.1211e+00	1.5185e+00	-1.1017e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	4.2365e+00	9.0680e+00	-9.6697e+00
	172	0.0000e+00	0.0000e+00	0.0000e+00	-5.4104e+00	5.9502e+00	-7.4726e+00
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	-2.6132e+00	-4.6510e+00	-8.8904e+00
	181	0.0000e+00	0.0000e+00	0.0000e+00	6.7903e+00	-6.2766e+00	-9.5511e+00
	182	0.0000e+00	0.0000e+00	0.0000e+00	6.2625e+00	-1.7361e+00	-1.0838e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-3.2977e+00	-5.5671e-01	-1.0177e+01
2355	169	0.0000e+00	0.0000e+00	0.0000e+00	-2.4132e+00	-8.5680e+00	-7.3692e+00
	180	0.0000e+00	0.0000e+00	0.0000e+00	5.1683e+00	-1.0402e+01	-6.9156e+00
	181	0.0000e+00	0.0000e+00	0.0000e+00	6.0567e+00	-8.4468e+00	-8.9676e+00
	170	0.0000e+00	0.0000e+00	0.0000e+00	-2.4693e+00	-5.8077e+00	-9.4211e+00
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	-2.8360e+00	-1.0305e+01	-5.3382e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	3.8361e+00	-1.2115e+01	-4.7851e+00
	180	0.0000e+00	0.0000e+00	0.0000e+00	4.6619e+00	-1.1432e+01	-6.7505e+00
	169	0.0000e+00	0.0000e+00	0.0000e+00	-2.6467e+00	-8.9566e+00	-7.3036e+00
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	-3.0573e+00	-1.0492e+01	-3.1976e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	3.5251e+00	-1.2418e+01	-3.1059e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	3.6364e+00	-1.2420e+01	-4.9259e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	-3.0004e+00	-1.0378e+01	-5.0176e+00

2358 166 0.0000e+00 0.0000e+00 0.0000e+00 -2.7592e+00 -9.1958e+00 -1.0786e+00  
177 0.0000e+00 0.0000e+00 0.0000e+00 4.2415e+00 -1.1325e+01 -1.5062e+00  
178 0.0000e+00 0.0000e+00 0.0000e+00 3.6878e+00 -1.2149e+01 -3.2882e+00  
167 0.0000e+00 0.0000e+00 0.0000e+00 -2.9901e+00 -1.0394e+01 -2.8606e+00

2359 165 0.0000e+00 0.0000e+00 0.0000e+00 -2.6773e+00 -5.9835e+00 6.5041e-01  
176 0.0000e+00 0.0000e+00 0.0000e+00 6.0687e+00 -7.8555e+00 3.5264e-02  
177 0.0000e+00 0.0000e+00 0.0000e+00 4.8212e+00 -1.0412e+01 -1.6217e+00  
166 0.0000e+00 0.0000e+00 0.0000e+00 -2.5585e+00 -8.6718e+00 -1.0065e+00

2360 164 0.0000e+00 0.0000e+00 0.0000e+00 1.2218e+00 1.3852e-01 1.4540e+00  
175 0.0000e+00 0.0000e+00 0.0000e+00 3.6765e+00 -1.0544e+00 1.2291e+00  
176 0.0000e+00 0.0000e+00 0.0000e+00 6.8069e+00 -5.4923e+00 5.8440e-01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -2.3213e+00 -5.2798e+00 8.0932e-01

2361 163 0.0000e+00 0.0000e+00 0.0000e+00 -2.7531e+01 5.6161e+00 -2.6478e+00  
174 0.0000e+00 0.0000e+00 0.0000e+00 3.5288e+01 1.2356e+01 -3.3699e+00  
175 0.0000e+00 0.0000e+00 0.0000e+00 6.8316e+00 -1.5370e+00 -3.9058e+00  
164 0.0000e+00 0.0000e+00 0.0000e+00 -3.9920e-01 6.3714e+00 -3.1837e+00

2362 161 0.0000e+00 0.0000e+00 0.0000e+00 -1.7108e+01 2.4360e+00 -4.3670e+00  
172 0.0000e+00 0.0000e+00 0.0000e+00 -8.3841e+00 5.6283e+00 -4.9717e+00  
173 0.0000e+00 0.0000e+00 0.0000e+00 -9.4659e+00 7.8052e+00 -1.5843e+00  
162 0.0000e+00 0.0000e+00 0.0000e+00 -1.7136e+01 3.6130e+00 -9.7963e-01

2363 160 0.0000e+00 0.0000e+00 0.0000e+00 -1.5976e+01 -5.2753e-01 -7.5523e+00  
171 0.0000e+00 0.0000e+00 0.0000e+00 -6.9048e+00 2.0635e-01 -8.8254e+00  
172 0.0000e+00 0.0000e+00 0.0000e+00 -8.7055e+00 4.3259e+00 -7.1262e+00  
161 0.0000e+00 0.0000e+00 0.0000e+00 -1.6511e+01 1.3555e+00 -5.8531e+00

2364 159 0.0000e+00 0.0000e+00 0.0000e+00 -1.4746e+01 -3.8172e+00 -8.3717e+00  
170 0.0000e+00 0.0000e+00 0.0000e+00 -6.0963e+00 -4.8375e+00 -9.3169e+00  
171 0.0000e+00 0.0000e+00 0.0000e+00 -7.3386e+00 -1.3776e+00 -9.5912e+00  
160 0.0000e+00 0.0000e+00 0.0000e+00 -1.5238e+01 -1.7999e+00 -8.6460e+00

2365 158 0.0000e+00 0.0000e+00 0.0000e+00 -1.4004e+01 -6.3161e+00 -7.3836e+00  
169 0.0000e+00 0.0000e+00 0.0000e+00 -6.1183e+00 -8.1914e+00 -7.7439e+00  
170 0.0000e+00 0.0000e+00 0.0000e+00 -6.4883e+00 -6.1433e+00 -9.2651e+00  
159 0.0000e+00 0.0000e+00 0.0000e+00 -1.4295e+01 -4.7022e+00 -8.9049e+00

2366 157 0.0000e+00 0.0000e+00 0.0000e+00 -1.3767e+01 -7.6807e+00 -5.4279e+00  
168 0.0000e+00 0.0000e+00 0.0000e+00 -6.4415e+00 -9.9036e+00 -5.4490e+00  
169 0.0000e+00 0.0000e+00 0.0000e+00 -6.3994e+00 -8.9849e+00 -7.4899e+00  
158 0.0000e+00 0.0000e+00 0.0000e+00 -1.3848e+01 -6.7588e+00 -7.4688e+00

2367 156 0.0000e+00 0.0000e+00 0.0000e+00 -1.3806e+01 -7.9075e+00 -3.0972e+00  
167 0.0000e+00 0.0000e+00 0.0000e+00 -6.6028e+00 -1.0269e+01 -3.0499e+00  
168 0.0000e+00 0.0000e+00 0.0000e+00 -6.5649e+00 -1.0181e+01 -5.2206e+00  
157 0.0000e+00 0.0000e+00 0.0000e+00 -1.3756e+01 -7.8101e+00 -5.2680e+00

2368 155 0.0000e+00 0.0000e+00 0.0000e+00 -1.3874e+01 -6.9484e+00 -8.0233e-01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -6.5246e+00 -9.2232e+00 -7.8190e-01  
167 0.0000e+00 0.0000e+00 0.0000e+00 -6.5300e+00 -1.0038e+01 -2.8558e+00  
156 0.0000e+00 0.0000e+00 0.0000e+00 -1.3831e+01 -7.7921e+00 -2.8763e+00

2369 154 0.0000e+00 0.0000e+00 0.0000e+00 -1.4374e+01 -4.6342e+00 9.2084e-01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -5.8499e+00 -6.2501e+00 9.6790e-01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -6.1865e+00 -8.4941e+00 -7.1601e-01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -1.3951e+01 -6.4391e+00 -7.6307e-01

2370 153 0.0000e+00 0.0000e+00 0.0000e+00 -1.1382e+01 -2.9860e-01 1.6967e+00  
164 0.0000e+00 0.0000e+00 0.0000e+00 -8.7602e+00 -1.2358e+00 1.9016e+00  
165 0.0000e+00 0.0000e+00 0.0000e+00 -5.4530e+00 -4.4643e+00 1.3125e+00  
154 0.0000e+00 0.0000e+00 0.0000e+00 -1.4313e+01 -4.1172e+00 1.1075e+00

2371 152 0.0000e+00 0.0000e+00 0.0000e+00 -3.7382e+01 3.1844e+00 -1.5776e+00  
163 0.0000e+00 0.0000e+00 0.0000e+00 1.8817e+01 8.6708e+00 -1.9498e+00  
164 0.0000e+00 0.0000e+00 0.0000e+00 -6.3439e+00 -2.3954e+00 -2.7644e+00  
153 0.0000e+00 0.0000e+00 0.0000e+00 -1.2904e+01 4.8670e+00 -2.3923e+00

2372 150 0.0000e+00 0.0000e+00 0.0000e+00 -2.6895e+01 -2.3374e+00 -3.8803e+00  
161 0.0000e+00 0.0000e+00 0.0000e+00 -1.8854e+01 3.5211e-01 -4.0602e+00  
162 0.0000e+00 0.0000e+00 0.0000e+00 -1.9361e+01 1.5368e+00 -1.3277e+00  
151 0.0000e+00 0.0000e+00 0.0000e+00 -2.6718e+01 -1.7306e+00 -1.1478e+00

2373 149 0.0000e+00 0.0000e+00 0.0000e+00 -2.6569e+01 -2.9101e+00 -6.9021e+00  
160 0.0000e+00 0.0000e+00 0.0000e+00 -1.8231e+01 -2.0321e+00 -7.3854e+00  
161 0.0000e+00 0.0000e+00 0.0000e+00 -1.9141e+01 -1.0079e-01 -5.8219e+00

150 0.0000e+00 0.0000e+00 0.0000e+00 -2.6546e+01 -2.6311e+00 -5.3387e+00

2374 148 0.0000e+00 0.0000e+00 0.0000e+00 -2.5791e+01 -3.7468e+00 -7.7772e+00  
159 0.0000e+00 0.0000e+00 0.0000e+00 -1.7678e+01 -4.4164e+00 -8.3896e+00  
160 0.0000e+00 0.0000e+00 0.0000e+00 -1.8593e+01 -2.5966e+00 -8.4029e+00  
149 0.0000e+00 0.0000e+00 0.0000e+00 -2.6000e+01 -3.2371e+00 -7.7905e+00

2375 147 0.0000e+00 0.0000e+00 0.0000e+00 -2.4942e+01 -4.6895e+00 -6.9882e+00  
158 0.0000e+00 0.0000e+00 0.0000e+00 -1.7367e+01 -6.2868e+00 -7.4957e+00  
159 0.0000e+00 0.0000e+00 0.0000e+00 -1.7945e+01 -5.0078e+00 -8.6865e+00  
148 0.0000e+00 0.0000e+00 0.0000e+00 -2.5295e+01 -4.0091e+00 -8.1790e+00

2376 146 0.0000e+00 0.0000e+00 0.0000e+00 -2.4418e+01 -5.3362e+00 -5.2989e+00  
157 0.0000e+00 0.0000e+00 0.0000e+00 -1.7297e+01 -7.4071e+00 -5.5447e+00  
158 0.0000e+00 0.0000e+00 0.0000e+00 -1.7527e+01 -6.7354e+00 -7.3621e+00  
147 0.0000e+00 0.0000e+00 0.0000e+00 -2.4639e+01 -4.8444e+00 -7.1163e+00

2377 145 0.0000e+00 0.0000e+00 0.0000e+00 -2.4381e+01 -5.3610e+00 -3.2155e+00  
156 0.0000e+00 0.0000e+00 0.0000e+00 -1.7402e+01 -7.6507e+00 -3.1695e+00  
157 0.0000e+00 0.0000e+00 0.0000e+00 -1.7386e+01 -7.5723e+00 -5.2356e+00  
146 0.0000e+00 0.0000e+00 0.0000e+00 -2.4313e+01 -5.3580e+00 -5.2816e+00

2378 144 0.0000e+00 0.0000e+00 0.0000e+00 -2.4684e+01 -4.6231e+00 -1.0659e+00  
155 0.0000e+00 0.0000e+00 0.0000e+00 -1.7648e+01 -6.8609e+00 -8.0265e-01  
156 0.0000e+00 0.0000e+00 0.0000e+00 -1.7416e+01 -7.4559e+00 -2.8464e+00  
145 0.0000e+00 0.0000e+00 0.0000e+00 -2.4434e+01 -5.2383e+00 -3.1097e+00

2379 143 0.0000e+00 0.0000e+00 0.0000e+00 -2.5484e+01 -3.1400e+00 6.9223e-01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -1.7489e+01 -4.7601e+00 1.0210e+00  
155 0.0000e+00 0.0000e+00 0.0000e+00 -1.7493e+01 -6.3483e+00 -6.7836e-01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -2.4877e+01 -4.2638e+00 -1.0071e+00

2380 142 0.0000e+00 0.0000e+00 0.0000e+00 -2.2977e+01 -4.1695e-01 1.6963e+00  
153 0.0000e+00 0.0000e+00 0.0000e+00 -2.0422e+01 -1.4192e+00 1.9939e+00  
154 0.0000e+00 0.0000e+00 0.0000e+00 -1.7291e+01 -3.4941e+00 1.2905e+00  
143 0.0000e+00 0.0000e+00 0.0000e+00 -2.5562e+01 -2.9628e+00 9.9291e-01

2381 141 0.0000e+00 0.0000e+00 0.0000e+00 -4.6672e+01 1.5094e+00 -9.5300e-01  
152 0.0000e+00 0.0000e+00 0.0000e+00 4.2122e+00 6.1570e+00 -1.1680e+00  
153 0.0000e+00 0.0000e+00 0.0000e+00 -1.8414e+01 -2.9971e+00 -2.1600e+00  
142 0.0000e+00 0.0000e+00 0.0000e+00 -2.4441e+01 3.8129e+00 -1.9449e+00

2382 139 0.0000e+00 0.0000e+00 0.0000e+00 -3.7723e+01 -6.7851e+00 -3.9377e+00  
150 0.0000e+00 0.0000e+00 0.0000e+00 -2.8801e+01 -4.2406e+00 -3.8633e+00  
151 0.0000e+00 0.0000e+00 0.0000e+00 -2.9021e+01 -3.6895e+00 -1.2590e+00  
140 0.0000e+00 0.0000e+00 0.0000e+00 -3.7367e+01 -6.8224e+00 -1.3335e+00

2383 138 0.0000e+00 0.0000e+00 0.0000e+00 -3.7606e+01 -4.8226e+00 -6.6621e+00  
149 0.0000e+00 0.0000e+00 0.0000e+00 -2.8885e+01 -4.2226e+00 -6.6764e+00  
150 0.0000e+00 0.0000e+00 0.0000e+00 -2.9249e+01 -4.0621e+00 -5.4639e+00  
139 0.0000e+00 0.0000e+00 0.0000e+00 -3.7268e+01 -6.1053e+00 -5.4497e+00

2384 137 0.0000e+00 0.0000e+00 0.0000e+00 -3.6352e+01 -3.6859e+00 -6.8801e+00  
148 0.0000e+00 0.0000e+00 0.0000e+00 -2.8619e+01 -4.2307e+00 -7.5274e+00  
149 0.0000e+00 0.0000e+00 0.0000e+00 -2.9242e+01 -4.1020e+00 -7.7855e+00  
138 0.0000e+00 0.0000e+00 0.0000e+00 -3.6916e+01 -4.0841e+00 -7.1383e+00

2385 136 0.0000e+00 0.0000e+00 0.0000e+00 -3.4702e+01 -3.5360e+00 -6.0052e+00  
147 0.0000e+00 0.0000e+00 0.0000e+00 -2.8035e+01 -4.6472e+00 -6.8963e+00  
148 0.0000e+00 0.0000e+00 0.0000e+00 -2.8682e+01 -4.4315e+00 -7.9571e+00  
137 0.0000e+00 0.0000e+00 0.0000e+00 -3.5690e+01 -3.2302e+00 -7.0659e+00

2386 135 0.0000e+00 0.0000e+00 0.0000e+00 -3.3553e+01 -3.6407e+00 -4.8267e+00  
146 0.0000e+00 0.0000e+00 0.0000e+00 -2.7581e+01 -5.0994e+00 -5.4081e+00  
147 0.0000e+00 0.0000e+00 0.0000e+00 -2.7977e+01 -4.9378e+00 -6.8150e+00  
136 0.0000e+00 0.0000e+00 0.0000e+00 -3.4224e+01 -3.3293e+00 -6.2337e+00

2387 134 0.0000e+00 0.0000e+00 0.0000e+00 -3.3339e+01 -3.3460e+00 -3.4585e+00  
145 0.0000e+00 0.0000e+00 0.0000e+00 -2.7585e+01 -5.1305e+00 -3.4553e+00  
146 0.0000e+00 0.0000e+00 0.0000e+00 -2.7587e+01 -5.2004e+00 -5.0636e+00  
135 0.0000e+00 0.0000e+00 0.0000e+00 -3.3332e+01 -3.4787e+00 -5.0668e+00

2388 133 0.0000e+00 0.0000e+00 0.0000e+00 -3.3969e+01 -2.4525e+00 -1.8232e+00  
144 0.0000e+00 0.0000e+00 0.0000e+00 -2.8083e+01 -4.5173e+00 -1.2894e+00  
145 0.0000e+00 0.0000e+00 0.0000e+00 -2.7697e+01 -4.9103e+00 -3.0488e+00  
134 0.0000e+00 0.0000e+00 0.0000e+00 -3.3376e+01 -3.1396e+00 -3.5826e+00

2389 132 0.0000e+00 0.0000e+00 0.0000e+00 -3.5336e+01 -1.2961e+00 -4.6627e-02  
143 0.0000e+00 0.0000e+00 0.0000e+00 -2.8353e+01 -3.1902e+00 6.5604e-01

	144	0.0000e+00	0.0000e+00	0.0000e+00	-2.8160e+01	-4.0743e+00	-1.0773e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	-3.4240e+01	-2.1897e+00	-1.7800e+00
2390	131	0.0000e+00	0.0000e+00	0.0000e+00	-3.3445e+01	9.6065e-03	1.4852e+00
	142	0.0000e+00	0.0000e+00	0.0000e+00	-3.1278e+01	-1.3407e+00	1.9180e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	-2.8353e+01	-2.2707e+00	9.4430e-01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-3.5576e+01	-1.4983e+00	5.1151e-01
2391	130	0.0000e+00	0.0000e+00	0.0000e+00	-5.5314e+01	2.3106e-02	-6.5892e-01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-8.9251e+00	4.2947e+00	-7.9770e-01
	142	0.0000e+00	0.0000e+00	0.0000e+00	-2.9469e+01	-3.2740e+00	-1.7900e+00
	131	0.0000e+00	0.0000e+00	0.0000e+00	-3.5025e+01	3.1609e+00	-1.6512e+00
2392	128	0.0000e+00	0.0000e+00	0.0000e+00	-5.1750e+01	-1.1241e+01	-4.2737e+00
	139	0.0000e+00	0.0000e+00	0.0000e+00	-3.9843e+01	-8.8055e+00	-4.0557e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	-3.9916e+01	-9.1048e+00	-1.1674e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	-5.1277e+01	-1.2966e+01	-1.3854e+00
2393	127	0.0000e+00	0.0000e+00	0.0000e+00	-5.0043e+01	-5.1289e+00	-5.5310e+00
	138	0.0000e+00	0.0000e+00	0.0000e+00	-4.0409e+01	-5.5535e+00	-5.9161e+00
	139	0.0000e+00	0.0000e+00	0.0000e+00	-4.0743e+01	-7.6523e+00	-5.8167e+00
	128	0.0000e+00	0.0000e+00	0.0000e+00	-5.0417e+01	-8.2935e+00	-5.4317e+00
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	-4.5709e+01	-3.2529e+00	-3.9269e+00
	137	0.0000e+00	0.0000e+00	0.0000e+00	-3.9357e+01	-3.5034e+00	-6.1145e+00
	138	0.0000e+00	0.0000e+00	0.0000e+00	-4.0375e+01	-5.1568e+00	-7.0946e+00
	127	0.0000e+00	0.0000e+00	0.0000e+00	-4.8706e+01	-3.2708e+00	-4.9069e+00
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	-4.1721e+01	-3.1006e+00	-3.3854e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	-3.7347e+01	-3.1919e+00	-5.6450e+00
	137	0.0000e+00	0.0000e+00	0.0000e+00	-3.8702e+01	-3.9208e+00	-6.3948e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	-4.4513e+01	-2.3773e+00	-4.1353e+00
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	-3.9184e+01	-3.1667e+00	-3.5245e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	-3.5862e+01	-3.3745e+00	-4.9249e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	-3.6763e+01	-3.6949e+00	-5.4362e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	-4.0853e+01	-2.7883e+00	-4.0358e+00
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	-3.8460e+01	-2.5555e+00	-3.7158e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	-3.5532e+01	-3.1808e+00	-3.9240e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	-3.5644e+01	-3.5320e+00	-4.4895e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	-3.8729e+01	-2.9245e+00	-4.2813e+00
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	-3.9512e+01	-9.7144e-01	-3.3950e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	-3.6415e+01	-2.3968e+00	-2.4366e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	-3.5736e+01	-2.8470e+00	-3.3799e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	-3.8433e+01	-2.2159e+00	-4.3382e+00
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	-4.2275e+01	1.0396e+00	-2.0826e+00
	132	0.0000e+00	0.0000e+00	0.0000e+00	-3.7586e+01	-1.3264e+00	-4.0657e-01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-3.6896e+01	-1.7072e+00	-1.9860e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	-3.9890e+01	-6.3017e-01	-3.6620e+00
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	-4.2090e+01	1.8307e+00	3.6751e-01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-4.1165e+01	-7.7405e-01	1.6555e+00
	132	0.0000e+00	0.0000e+00	0.0000e+00	-3.8070e+01	-3.2557e-01	8.3408e-02
	121	0.0000e+00	0.0000e+00	0.0000e+00	-4.2822e+01	4.9675e-01	-1.2046e+00
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	-6.3268e+01	-1.8295e+00	-8.7442e-01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-2.0713e+01	2.4466e+00	-7.4657e-01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-3.9471e+01	-3.1290e+00	-1.6975e+00
	120	0.0000e+00	0.0000e+00	0.0000e+00	-4.4275e+01	3.2202e+00	-1.8254e+00
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	-7.4907e+01	-1.8531e+01	-3.0183e+00
	128	0.0000e+00	0.0000e+00	0.0000e+00	-5.3738e+01	-1.3401e+01	-4.3322e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	-5.4616e+01	-1.6480e+01	-1.3780e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	-7.6440e+01	-1.7790e+01	-6.4087e-02
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	-6.1247e+01	-4.1516e+00	2.5263e+00
	127	0.0000e+00	0.0000e+00	0.0000e+00	-5.4209e+01	-3.3965e+00	-3.0133e+00
	128	0.0000e+00	0.0000e+00	0.0000e+00	-5.6495e+01	-1.0222e+01	-6.9248e+00
	116	0.0000e+00	0.0000e+00	0.0000e+00	-6.9126e+01	-9.3956e-01	-1.3852e+00
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	-5.0036e+01	-3.2321e+00	4.1173e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	-4.8559e+01	-1.9623e+00	-2.3512e+00
	127	0.0000e+00	0.0000e+00	0.0000e+00	-5.1868e+01	-4.7607e+00	-3.4150e+00
	114	0.0000e+00	0.0000e+00	0.0000e+00	-5.8596e+01	-1.1717e+00	3.0534e+00
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	-4.2611e+01	-4.4665e+00	1.9151e+00



	125	0.0000e+00	0.0000e+00	0.0000e+00	-4.3020e+01	-2.5478e+00	-2.7304e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	-4.6318e+01	-3.4729e+00	-1.9639e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	-4.7837e+01	-3.2251e+00	2.6816e+00
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	-3.8230e+01	-5.1153e+00	-9.6379e-01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-3.9651e+01	-3.0329e+00	-3.6198e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	-4.1664e+01	-3.5441e+00	-2.2663e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	-4.1091e+01	-4.4125e+00	3.8979e-01
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	-3.6504e+01	-4.5747e+00	-3.7377e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	-3.8589e+01	-2.5719e+00	-4.5056e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	-3.9144e+01	-3.3576e+00	-3.1377e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	-3.7358e+01	-4.3368e+00	-2.3698e+00
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	-3.7387e+01	-2.5135e+00	-5.9535e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	-3.9836e+01	-1.0438e+00	-4.8185e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	-3.8906e+01	-2.1799e+00	-3.8651e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	-3.6234e+01	-2.7886e+00	-5.0000e+00
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	-4.1702e+01	1.1489e+00	-6.8113e+00
	121	0.0000e+00	0.0000e+00	0.0000e+00	-4.2713e+01	9.5543e-01	-3.7236e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	-4.1040e+01	8.3818e-02	-3.9628e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	-3.7710e+01	4.1185e-01	-7.0505e+00
2410	100	0.0000e+00	0.0000e+00	0.0000e+00	-4.5953e+01	5.0440e+00	-4.3692e+00
	120	0.0000e+00	0.0000e+00	0.0000e+00	-4.8993e+01	1.0426e+00	-1.8117e-01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-4.4808e+01	2.9334e+00	-2.4434e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	-4.2454e+01	3.8636e+00	-6.6314e+00
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	-7.1029e+01	-3.7837e+00	-2.9379e+00
	119	0.0000e+00	0.0000e+00	0.0000e+00	-3.0497e+01	2.7870e-02	-9.5784e-01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-4.8449e+01	-1.5261e+00	-3.0657e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	-4.9444e+01	6.8806e+00	-5.0458e+00
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	-8.7648e+01	2.3158e+01	4.6871e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-1.0139e+02	-9.3771e+00	8.3241e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	-5.9516e+01	-2.9693e+01	-6.8848e+00
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.0025e+02	-2.9073e+01	3.1662e+01
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	-5.6561e+01	-3.1062e+00	2.6469e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-6.7109e+01	3.0605e+00	6.0350e+00
	116	0.0000e+00	0.0000e+00	0.0000e+00	-8.7218e+01	-7.5536e+00	9.0213e+00
	117	0.0000e+00	0.0000e+00	0.0000e+00	-7.3945e+01	-7.8970e+00	2.9455e+01
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	-4.1365e+01	-7.9652e+00	1.6487e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	-4.9418e+01	-2.1228e+00	5.7485e+00
	114	0.0000e+00	0.0000e+00	0.0000e+00	-6.0007e+01	-3.2947e+00	1.0177e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-5.0480e+01	-7.1059e+00	2.0915e+01
2415	111	0.0000e+00	0.0000e+00	0.0000e+00	-3.2457e+01	-8.9266e+00	9.0618e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	-4.0244e+01	-4.5621e+00	2.8856e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	-4.6158e+01	-4.5357e+00	6.9995e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	-3.7875e+01	-9.1397e+00	1.3176e+01
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	-2.6933e+01	-7.6212e+00	3.0406e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	-3.5359e+01	-5.3075e+00	-4.2881e-01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-3.8223e+01	-5.5508e+00	3.2789e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	-3.0435e+01	-1.1320e+01	6.7483e+00
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	-2.3627e+01	-4.3631e+00	-2.1911e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	-3.3441e+01	-4.4915e+00	-3.6093e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	-3.3775e+01	-5.4567e+00	-2.2660e-01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-2.5895e+01	-1.2959e+01	1.1915e+00
2418	105	0.0000e+00	0.0000e+00	0.0000e+00	-2.2205e+01	9.0903e-01	-7.0294e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	-3.4330e+01	-2.0112e+00	-6.4285e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	-3.1989e+01	-3.8582e+00	-3.2519e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-2.3443e+01	-1.3704e+01	-3.8528e+00
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	-2.3081e+01	8.2737e+00	-1.1834e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-3.8922e+01	2.0921e+00	-8.5836e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	-3.3054e+01	-3.1402e-01	-5.5366e+00
	105	0.0000e+00	0.0000e+00	0.0000e+00	-2.2984e+01	-1.3138e+01	-8.7869e+00
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	-2.7334e+01	1.7243e+01	-1.6354e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-5.2499e+01	4.8881e+00	-7.8094e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	-3.8983e+01	6.2096e+00	-5.7459e+00
	103	0.0000e+00	0.0000e+00	0.0000e+00	-2.5172e+01	-1.0643e+01	-1.4290e+01

2421	1	0.0000e+00	0.0000e+00	0.0000e+00	-8.3227e+01	2.1792e+01	-1.5610e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-3.4736e+01	-1.8076e+00	8.2234e-01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-5.4690e+01	6.3097e+00	-7.7995e+00
	101	0.0000e+00	0.0000e+00	0.0000e+00	-3.3122e+01	1.5062e+00	-2.4232e+01

SFORZI "V-y" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	5.5913e+01	-7.2546e+01	-5.0833e-01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	4.1050e+01	1.3478e+02	-2.3253e+01
	84	0.0000e+00	0.0000e+00	0.0000e+00	-5.3955e+01	1.4092e+02	-9.6003e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	1.0669e+02	3.2016e+02	1.3145e+01
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	5.0242e+01	-9.0286e+01	-1.3368e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	3.3901e+01	4.3092e+01	-1.8948e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-3.8997e-01	6.1010e+01	-1.4163e+01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	7.3682e+01	1.8454e+02	-8.5820e+00
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	4.4323e+01	-9.7062e+01	-1.6544e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	2.5481e+01	-1.1088e+01	-1.9984e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	2.3634e+00	1.6066e-01	-1.9065e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	6.0751e+01	8.4244e+01	-1.5625e+01
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	4.2755e+01	-8.7366e+01	-1.5926e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	1.8507e+01	-4.2867e+01	-1.8082e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	6.3710e+00	-3.7392e+01	-1.9265e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	5.0699e+01	9.5405e+00	-1.7109e+01
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	4.5175e+01	-6.0896e+01	-1.4743e+01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	1.2730e+01	-5.3674e+01	-1.5540e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	1.0915e+01	-5.3498e+01	-1.6928e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	4.5439e+01	-4.3421e+01	-1.6130e+01
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	4.9472e+01	-1.6742e+01	-1.5614e+01
	1888	0.0000e+00	0.0000e+00	0.0000e+00	7.0319e+00	-4.4453e+01	-1.3857e+01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	1.5841e+01	-4.9331e+01	-1.3966e+01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	4.4081e+01	-7.6816e+01	-1.5724e+01
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	4.9779e+01	4.4349e+01	-2.1510e+01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-4.4428e+00	-1.5386e+01	-1.2548e+01
	1888	0.0000e+00	0.0000e+00	0.0000e+00	1.9177e+01	-2.5168e+01	-1.0252e+01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	4.3586e+01	-8.9625e+01	-1.9215e+01
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-3.4232e+00	1.1389e+02	-4.1922e+01
	83	0.0000e+00	0.0000e+00	0.0000e+00	-1.6029e+01	4.2422e+01	-8.0848e+00
	1887	0.0000e+00	0.0000e+00	0.0000e+00	1.2447e+01	9.8933e+00	-3.0953e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	3.3896e+01	-7.1837e+01	-3.6933e+01
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	4.8365e+01	-7.0832e+01	4.2612e+01
	1886	0.0000e+00	0.0000e+00	0.0000e+00	1.6848e+01	7.7843e+01	-5.2187e-01
	83	0.0000e+00	0.0000e+00	0.0000e+00	-3.2986e+01	5.4192e+01	-1.3610e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	1.4329e+01	2.2979e+02	2.9523e+01
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	5.0805e+01	-8.8916e+01	1.8436e+01
	1885	0.0000e+00	0.0000e+00	0.0000e+00	2.7231e+01	1.7369e+01	9.5846e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-4.4708e+00	2.7518e+01	1.3457e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	6.5296e+01	1.2584e+02	2.2308e+01
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	4.6859e+01	-8.7086e+01	1.2465e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	2.2026e+01	-2.5155e+01	1.0031e+01
	1885	0.0000e+00	0.0000e+00	0.0000e+00	4.8129e+00	-1.6218e+01	1.1788e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	5.9340e+01	4.2099e+01	1.4222e+01
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	4.5570e+01	-6.6505e+01	1.1928e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	1.5731e+01	-4.5724e+01	1.1502e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	9.6230e+00	-4.2057e+01	1.0924e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	5.0849e+01	-2.0089e+01	1.1351e+01
686	1650	0.0000e+00	0.0000e+00	0.0000e+00	4.8260e+01	-2.7135e+01	1.2838e+01
	1882	0.0000e+00	0.0000e+00	0.0000e+00	1.0162e+01	-4.5137e+01	1.3850e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	1.4653e+01	-4.6896e+01	1.2570e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	4.5738e+01	-6.2264e+01	1.1557e+01
687	1649	0.0000e+00	0.0000e+00	0.0000e+00	5.4212e+01	3.2638e+01	1.2266e+01
	1881	0.0000e+00	0.0000e+00	0.0000e+00	4.9664e+00	-2.3054e+01	1.5296e+01
	1882	0.0000e+00	0.0000e+00	0.0000e+00	2.0518e+01	-3.0611e+01	1.5086e+01

	1650	0.0000e+00	0.0000e+00	0.0000e+00	4.4552e+01	-8.5871e+01	1.2056e+01
688	1648	0.0000e+00	0.0000e+00	0.0000e+00	6.1345e+01	1.1430e+02	6.2711e+00
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-4.6781e-01	2.5121e+01	1.2566e+01
	1881	0.0000e+00	0.0000e+00	0.0000e+00	2.7237e+01	7.1437e+00	1.6485e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	4.5881e+01	-9.0098e+01	1.0190e+01
689	27	0.0000e+00	0.0000e+00	0.0000e+00	8.9530e+01	2.2015e+02	-2.9447e+01
	82	0.0000e+00	0.0000e+00	0.0000e+00	-3.7884e+01	1.3754e+02	-1.4153e+01
	1880	0.0000e+00	0.0000e+00	0.0000e+00	3.7568e+01	7.6038e+01	1.7420e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	4.3815e+01	-7.1523e+01	2.1265e+00
690	1879	0.0000e+00	0.0000e+00	0.0000e+00	6.1879e+01	1.2667e+02	-4.9863e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	1.2333e+02	-9.9615e+01	-2.6675e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.4417e+02	3.3967e+02	-1.7173e+01
	73	0.0000e+00	0.0000e+00	0.0000e+00	8.6134e+01	9.3841e+01	-4.0361e+01
691	1878	0.0000e+00	0.0000e+00	0.0000e+00	4.5995e+01	4.8758e+01	-1.5504e+01
	880	0.0000e+00	0.0000e+00	0.0000e+00	7.5551e+01	-1.0549e+02	-7.9960e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	1.2631e+02	1.9002e+02	-2.2424e+01
	1879	0.0000e+00	0.0000e+00	0.0000e+00	9.8353e+00	6.5458e+01	-2.9931e+01
692	1877	0.0000e+00	0.0000e+00	0.0000e+00	3.0998e+01	-1.3059e+01	-4.0556e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	5.8553e+01	-1.0415e+02	-2.7859e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	8.2973e+01	7.9504e+01	-8.9277e+00
	1878	0.0000e+00	0.0000e+00	0.0000e+00	9.0474e+00	1.0437e+00	-1.0197e+01
693	1876	0.0000e+00	0.0000e+00	0.0000e+00	2.1482e+01	-4.5188e+01	-6.7181e-01
	876	0.0000e+00	0.0000e+00	0.0000e+00	5.4173e+01	-8.7185e+01	-1.2760e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	6.3790e+01	-3.9382e-01	-2.9528e+00
	1877	0.0000e+00	0.0000e+00	0.0000e+00	1.0691e+01	-3.8941e+01	-2.3486e+00
694	1875	0.0000e+00	0.0000e+00	0.0000e+00	1.5402e+01	-5.1851e+01	6.6107e-01
	874	0.0000e+00	0.0000e+00	0.0000e+00	5.8846e+01	-5.0905e+01	-5.2005e-01
	876	0.0000e+00	0.0000e+00	0.0000e+00	5.6096e+01	-5.5881e+01	-1.5272e+00
	1876	0.0000e+00	0.0000e+00	0.0000e+00	1.5856e+01	-5.2863e+01	-3.4610e-01
695	1874	0.0000e+00	0.0000e+00	0.0000e+00	1.2901e+01	-3.2783e+01	5.9211e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	7.4297e+01	7.7045e+00	3.0697e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	5.7469e+01	-9.0661e+01	-1.0587e+00
	1875	0.0000e+00	0.0000e+00	0.0000e+00	2.4184e+01	-4.1680e+01	1.7926e+00
696	1873	0.0000e+00	0.0000e+00	0.0000e+00	1.1747e+01	1.2736e+01	2.2551e+01
	870	0.0000e+00	0.0000e+00	0.0000e+00	1.1428e+02	9.2989e+01	1.3520e+01
	872	0.0000e+00	0.0000e+00	0.0000e+00	7.0661e+01	-1.0796e+02	9.7946e-01
	1874	0.0000e+00	0.0000e+00	0.0000e+00	3.7803e+01	-1.9096e+00	1.0010e+01
697	72	0.0000e+00	0.0000e+00	0.0000e+00	1.1198e+02	6.0051e+01	5.1772e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.2850e+02	2.0687e+02	1.6447e+01
	870	0.0000e+00	0.0000e+00	0.0000e+00	1.1444e+02	-1.0837e+02	1.2680e+01
	1873	0.0000e+00	0.0000e+00	0.0000e+00	5.7359e+01	4.6206e+01	4.8005e+01
698	1872	0.0000e+00	0.0000e+00	0.0000e+00	6.2277e+01	1.1205e+02	-4.6554e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	1.2801e+02	-1.0733e+02	-2.0507e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.4419e+02	3.2092e+02	-9.1368e+00
	72	0.0000e+00	0.0000e+00	0.0000e+00	9.6742e+01	7.8151e+01	-3.5184e+01
699	1871	0.0000e+00	0.0000e+00	0.0000e+00	4.5784e+01	3.9522e+01	-1.0469e+01
	794	0.0000e+00	0.0000e+00	0.0000e+00	7.8344e+01	-1.0793e+02	-1.7795e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	1.2954e+02	1.7251e+02	-1.6313e+01
	1872	0.0000e+00	0.0000e+00	0.0000e+00	1.1480e+01	5.4956e+01	-2.5002e+01
700	1870	0.0000e+00	0.0000e+00	0.0000e+00	3.0318e+01	-1.8252e+01	1.1453e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	6.0798e+01	-1.0070e+02	3.4239e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	8.4671e+01	6.4335e+01	-2.8170e+00
	1871	0.0000e+00	0.0000e+00	0.0000e+00	1.0875e+01	-5.2776e+00	-5.0956e+00
701	1869	0.0000e+00	0.0000e+00	0.0000e+00	2.0509e+01	-4.5449e+01	4.7506e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	5.6163e+01	-7.7603e+01	5.1215e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	6.4884e+01	-1.2128e+01	3.2832e+00
	1870	0.0000e+00	0.0000e+00	0.0000e+00	1.2510e+01	-4.0501e+01	2.9123e+00
702	1868	0.0000e+00	0.0000e+00	0.0000e+00	1.4231e+01	-4.6579e+01	6.4233e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	6.0682e+01	-3.4899e+01	6.2520e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	5.6842e+01	-6.3354e+01	4.9697e+00
	1869	0.0000e+00	0.0000e+00	0.0000e+00	1.7739e+01	-4.9036e+01	5.1410e+00
703	1867	0.0000e+00	0.0000e+00	0.0000e+00	1.1590e+01	-2.1478e+01	1.2238e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	7.6051e+01	3.0373e+01	1.0425e+01

	788	0.0000e+00	0.0000e+00	0.0000e+00	5.7970e+01	-9.3202e+01	5.8601e+00
	1868	0.0000e+00	0.0000e+00	0.0000e+00	2.6146e+01	-3.1959e+01	7.6727e+00
704	1866	0.0000e+00	0.0000e+00	0.0000e+00	1.0890e+01	3.0574e+01	2.9829e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	1.1592e+02	1.2249e+02	2.1669e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	7.1031e+01	-1.0502e+02	8.4918e+00
	1867	0.0000e+00	0.0000e+00	0.0000e+00	3.9913e+01	1.4010e+01	1.6652e+01
705	71	0.0000e+00	0.0000e+00	0.0000e+00	1.0305e+02	8.4222e+01	6.0367e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	1.3740e+02	2.4398e+02	2.6471e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	1.1463e+02	-1.0058e+02	2.0586e+01
	1866	0.0000e+00	0.0000e+00	0.0000e+00	5.9917e+01	7.1285e+01	5.4482e+01
706	1865	0.0000e+00	0.0000e+00	0.0000e+00	5.4394e+01	1.1676e+02	-6.5584e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	1.4307e+02	-7.5063e+01	-4.3304e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.3351e+02	3.0369e+02	-2.6102e+01
	75	0.0000e+00	0.0000e+00	0.0000e+00	1.0356e+02	7.3159e+01	-4.8382e+01
707	1864	0.0000e+00	0.0000e+00	0.0000e+00	4.5326e+01	6.9438e+01	-2.8859e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	9.5625e+01	-6.6487e+01	-2.0281e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	1.3920e+02	1.7730e+02	-3.6579e+01
	1865	0.0000e+00	0.0000e+00	0.0000e+00	1.7006e+01	7.8049e+01	-4.5157e+01
708	1863	0.0000e+00	0.0000e+00	0.0000e+00	3.2350e+01	2.3506e+01	-1.1818e+01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	8.0097e+01	-4.8844e+01	-9.2478e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	9.7137e+01	8.1940e+01	-2.0383e+01
	1864	0.0000e+00	0.0000e+00	0.0000e+00	1.9880e+01	3.4645e+01	-2.2954e+01
709	1862	0.0000e+00	0.0000e+00	0.0000e+00	2.4498e+01	7.5514e+00	5.8785e-01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	7.9196e+01	-1.5563e+01	1.8245e-01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	8.1633e+01	1.4075e+01	-8.2305e+00
	1863	0.0000e+00	0.0000e+00	0.0000e+00	2.1341e+01	9.8896e+00	-7.8251e+00
710	1861	0.0000e+00	0.0000e+00	0.0000e+00	2.1991e+01	1.8071e+01	1.4191e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	9.1075e+01	3.8341e+01	1.0964e+01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	7.9348e+01	-3.1334e+01	1.0477e+00
	1862	0.0000e+00	0.0000e+00	0.0000e+00	2.7981e+01	1.1247e+01	4.2746e+00
711	1860	0.0000e+00	0.0000e+00	0.0000e+00	1.9374e+01	5.1150e+01	3.5313e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	1.2888e+02	1.1639e+02	2.5644e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	9.1012e+01	-5.8569e+01	1.0007e+01
	1861	0.0000e+00	0.0000e+00	0.0000e+00	4.0050e+01	4.1855e+01	1.9676e+01
712	74	0.0000e+00	0.0000e+00	0.0000e+00	1.1914e+02	7.9542e+01	6.2635e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.2881e+02	2.1753e+02	2.9294e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	1.3270e+02	-6.7552e+01	2.7494e+01
	1860	0.0000e+00	0.0000e+00	0.0000e+00	5.5976e+01	7.4485e+01	6.0835e+01
713	1599	0.0000e+00	0.0000e+00	0.0000e+00	6.4687e+01	-5.5494e+01	2.2588e+01
	1859	0.0000e+00	0.0000e+00	0.0000e+00	3.2838e+01	1.1971e+02	-1.7932e+00
	86	0.0000e+00	0.0000e+00	0.0000e+00	-4.3815e+01	1.2058e+02	6.6169e+00
	31	0.0000e+00	0.0000e+00	0.0000e+00	9.7995e+01	2.7686e+02	3.0999e+01
714	1598	0.0000e+00	0.0000e+00	0.0000e+00	6.1182e+01	-5.6185e+01	8.7033e+00
	1858	0.0000e+00	0.0000e+00	0.0000e+00	3.0267e+01	4.9820e+01	2.9668e+00
	1859	0.0000e+00	0.0000e+00	0.0000e+00	6.2235e+00	6.6366e+01	8.1122e+00
	1599	0.0000e+00	0.0000e+00	0.0000e+00	7.5027e+01	1.6079e+02	1.3849e+01
715	1597	0.0000e+00	0.0000e+00	0.0000e+00	5.7868e+01	-4.6007e+01	3.3971e+00
	1857	0.0000e+00	0.0000e+00	0.0000e+00	2.3503e+01	1.2971e+01	7.4334e-01
	1858	0.0000e+00	0.0000e+00	0.0000e+00	9.9218e+00	2.2245e+01	3.0676e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	6.6732e+01	7.5993e+01	5.7214e+00
716	1596	0.0000e+00	0.0000e+00	0.0000e+00	5.7565e+01	-1.7483e+01	8.2086e-01
	1856	0.0000e+00	0.0000e+00	0.0000e+00	1.7421e+01	-2.0628e+00	4.7094e-01
	1857	0.0000e+00	0.0000e+00	0.0000e+00	1.4126e+01	3.9015e-01	1.3229e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	6.0238e+01	1.3894e+01	1.6728e+00
717	1595	0.0000e+00	0.0000e+00	0.0000e+00	5.9640e+01	2.9953e+01	-1.8286e+00
	1855	0.0000e+00	0.0000e+00	0.0000e+00	1.1857e+01	4.6914e+00	4.8803e-01
	1856	0.0000e+00	0.0000e+00	0.0000e+00	1.8731e+01	-9.2596e-03	1.4544e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	5.6884e+01	-2.7445e+01	-8.6225e-01
718	1594	0.0000e+00	0.0000e+00	0.0000e+00	6.1615e+01	9.6467e+01	-8.4237e+00
	1854	0.0000e+00	0.0000e+00	0.0000e+00	7.9339e+00	3.7817e+01	-2.8393e+00
	1855	0.0000e+00	0.0000e+00	0.0000e+00	2.4119e+01	2.0446e+01	1.3213e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	5.5358e+01	-4.7565e+01	-4.2630e+00
719	30	0.0000e+00	0.0000e+00	0.0000e+00	8.7322e+01	1.8530e+02	-4.1272e+01

	85	0.0000e+00	0.0000e+00	0.0000e+00	-3.0621e+01	1.2897e+02	-2.6143e+01
	1854	0.0000e+00	0.0000e+00	0.0000e+00	3.3169e+01	7.4597e+01	2.5452e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	5.0428e+01	-4.6279e+01	-1.2584e+01
720	1853	0.0000e+00	0.0000e+00	0.0000e+00	5.6542e+01	1.1674e+02	-6.0010e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	1.4266e+02	-7.4943e+01	-3.4242e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.4020e+02	3.0238e+02	-1.9468e+01
	70	0.0000e+00	0.0000e+00	0.0000e+00	1.0481e+02	7.7449e+01	-4.5236e+01
721	1852	0.0000e+00	0.0000e+00	0.0000e+00	4.5143e+01	6.8839e+01	-2.2734e+01
	955	0.0000e+00	0.0000e+00	0.0000e+00	9.4248e+01	-6.4541e+01	-1.3254e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	1.3827e+02	1.7550e+02	-2.9115e+01
	1853	0.0000e+00	0.0000e+00	0.0000e+00	1.7973e+01	7.7810e+01	-3.8595e+01
722	1851	0.0000e+00	0.0000e+00	0.0000e+00	3.1773e+01	2.3942e+01	-6.1586e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	7.8468e+01	-4.5938e+01	-3.2807e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	9.5504e+01	8.1016e+01	-1.3775e+01
	1852	0.0000e+00	0.0000e+00	0.0000e+00	1.9853e+01	3.4749e+01	-1.6653e+01
723	1850	0.0000e+00	0.0000e+00	0.0000e+00	2.3903e+01	8.8555e+00	5.5543e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	7.7461e+01	-1.2098e+01	5.3272e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	7.9825e+01	1.4257e+01	-2.4873e+00
	1851	0.0000e+00	0.0000e+00	0.0000e+00	2.1135e+01	1.0885e+01	-2.2602e+00
724	1849	0.0000e+00	0.0000e+00	0.0000e+00	2.1529e+01	2.0033e+01	1.8532e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	8.9338e+01	4.2058e+01	1.5356e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	7.7491e+01	-3.0123e+01	5.9865e+00
	1850	0.0000e+00	0.0000e+00	0.0000e+00	2.7731e+01	1.2984e+01	9.1619e+00
725	1848	0.0000e+00	0.0000e+00	0.0000e+00	1.9969e+01	5.3849e+01	3.9463e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	1.2746e+02	1.2022e+02	2.9269e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	8.9262e+01	-5.6621e+01	1.4045e+01
	1849	0.0000e+00	0.0000e+00	0.0000e+00	4.0044e+01	4.4002e+01	2.4239e+01
726	69	0.0000e+00	0.0000e+00	0.0000e+00	1.1622e+02	8.3567e+01	6.8077e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.3622e+02	2.2222e+02	3.2501e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	1.3178e+02	-6.6233e+01	2.9557e+01
	1848	0.0000e+00	0.0000e+00	0.0000e+00	5.7418e+01	7.9047e+01	6.5133e+01
727	1557	0.0000e+00	0.0000e+00	0.0000e+00	6.3953e+01	-5.2273e+01	2.3087e+01
	1847	0.0000e+00	0.0000e+00	0.0000e+00	2.9861e+01	1.1577e+02	-3.9106e+00
	81	0.0000e+00	0.0000e+00	0.0000e+00	-4.1597e+01	1.1400e+02	2.0907e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	8.7415e+01	2.6854e+02	2.9088e+01
728	1556	0.0000e+00	0.0000e+00	0.0000e+00	6.1698e+01	-5.3413e+01	7.2256e+00
	1846	0.0000e+00	0.0000e+00	0.0000e+00	2.9519e+01	5.0046e+01	8.7465e-01
	1847	0.0000e+00	0.0000e+00	0.0000e+00	5.4074e+00	6.5372e+01	6.3919e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	7.4519e+01	1.5642e+02	1.2743e+01
729	1555	0.0000e+00	0.0000e+00	0.0000e+00	5.8820e+01	-4.2686e+01	7.7829e-01
	1845	0.0000e+00	0.0000e+00	0.0000e+00	2.3292e+01	1.4558e+01	-1.8834e+00
	1846	0.0000e+00	0.0000e+00	0.0000e+00	1.0231e+01	2.3371e+01	1.1705e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	6.7149e+01	7.3743e+01	3.8321e+00
730	1554	0.0000e+00	0.0000e+00	0.0000e+00	5.8675e+01	-1.3585e+01	-2.9350e+00
	1844	0.0000e+00	0.0000e+00	0.0000e+00	1.7350e+01	7.2215e-01	-3.1708e+00
	1845	0.0000e+00	0.0000e+00	0.0000e+00	1.4562e+01	2.7944e+00	-1.4633e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	6.1043e+01	1.3260e+01	-1.2275e+00
731	1553	0.0000e+00	0.0000e+00	0.0000e+00	6.0664e+01	3.4282e+01	-6.8270e+00
	1843	0.0000e+00	0.0000e+00	0.0000e+00	1.1748e+01	8.4457e+00	-4.2736e+00
	1844	0.0000e+00	0.0000e+00	0.0000e+00	1.9119e+01	3.4351e+00	-2.3793e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	5.7832e+01	-2.6664e+01	-4.9328e+00
732	1552	0.0000e+00	0.0000e+00	0.0000e+00	6.2017e+01	1.0079e+02	-1.4714e+01
	1842	0.0000e+00	0.0000e+00	0.0000e+00	6.8854e+00	4.1798e+01	-8.3247e+00
	1843	0.0000e+00	0.0000e+00	0.0000e+00	2.4093e+01	2.4773e+01	-3.3708e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	5.6169e+01	-4.5367e+01	-9.7605e+00
733	25	0.0000e+00	0.0000e+00	0.0000e+00	7.8880e+01	1.8796e+02	-4.7717e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	-2.8777e+01	1.3026e+02	-3.0027e+01
	1842	0.0000e+00	0.0000e+00	0.0000e+00	3.1241e+01	7.7286e+01	-2.7852e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	5.0312e+01	-4.1707e+01	-2.0475e+01
734	1515	0.0000e+00	0.0000e+00	0.0000e+00	2.9991e+01	-7.7445e+01	1.4934e+01
	1841	0.0000e+00	0.0000e+00	0.0000e+00	1.7380e+01	3.2780e+01	-1.1371e+00
	88	0.0000e+00	0.0000e+00	0.0000e+00	-2.3788e+01	3.0986e+01	-5.8183e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	4.2589e+01	1.5174e+02	1.0252e+01

735	1514	0.0000e+00	0.0000e+00	0.0000e+00	2.8562e+01	-8.9777e+01	1.4163e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	1.7676e+01	-1.2935e+01	8.2831e+00
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-1.6030e+00	-2.5269e+00	5.7797e+00
	1515	0.0000e+00	0.0000e+00	0.0000e+00	3.7387e+01	7.9948e+01	1.1660e+01
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	2.7605e+01	-9.4952e+01	1.7181e+01
	1839	0.0000e+00	0.0000e+00	0.0000e+00	1.4463e+01	-4.3719e+01	1.3199e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	1.4611e+00	-3.6017e+01	1.0113e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	3.3528e+01	2.2160e+01	1.4094e+01
737	1512	0.0000e+00	0.0000e+00	0.0000e+00	2.7853e+01	-8.8487e+01	2.0917e+01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	1.1349e+01	-6.2474e+01	1.8538e+01
	1839	0.0000e+00	0.0000e+00	0.0000e+00	4.1454e+00	-5.8189e+01	1.4960e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	3.0827e+01	-2.4125e+01	1.7339e+01
738	1511	0.0000e+00	0.0000e+00	0.0000e+00	2.9814e+01	-7.0628e+01	2.5006e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	8.5999e+00	-6.9260e+01	2.3943e+01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	7.1604e+00	-6.8431e+01	2.0279e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	2.9363e+01	-5.8818e+01	2.1342e+01
739	1510	0.0000e+00	0.0000e+00	0.0000e+00	3.3792e+01	-4.0433e+01	2.8624e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	6.2276e+00	-6.3750e+01	2.8815e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	1.0702e+01	-6.6537e+01	2.5604e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	2.9658e+01	-8.2629e+01	2.5413e+01
740	1509	0.0000e+00	0.0000e+00	0.0000e+00	3.9786e+01	3.6344e+00	3.0802e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	4.1022e+00	-4.5187e+01	3.2444e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	1.4927e+01	-5.1946e+01	3.0321e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	3.1879e+01	-9.5990e+01	2.8679e+01
741	1508	0.0000e+00	0.0000e+00	0.0000e+00	4.7337e+01	6.3497e+01	3.0260e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	1.9085e+00	-1.1913e+01	3.3900e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	1.9888e+01	-2.3658e+01	3.3734e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	3.5828e+01	-9.8696e+01	3.0095e+01
742	1507	0.0000e+00	0.0000e+00	0.0000e+00	5.4535e+01	1.4061e+02	2.3833e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	2.0010e+00	4.3074e+01	2.9567e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	2.6130e+01	1.9375e+01	3.4184e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	4.0599e+01	-8.8550e+01	2.8451e+01
743	32	0.0000e+00	0.0000e+00	0.0000e+00	9.7498e+01	2.4117e+02	-1.2154e+01
	87	0.0000e+00	0.0000e+00	0.0000e+00	-4.1471e+01	1.5518e+02	1.1904e+00
	1833	0.0000e+00	0.0000e+00	0.0000e+00	3.7922e+01	9.5537e+01	3.4575e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	4.1829e+01	-6.5568e+01	2.1231e+01
744	1446	0.0000e+00	0.0000e+00	0.0000e+00	5.1352e+01	-6.9971e+01	4.6632e+00
	1832	0.0000e+00	0.0000e+00	0.0000e+00	4.3971e+01	1.5224e+02	-1.5757e+01
	87	0.0000e+00	0.0000e+00	0.0000e+00	-5.9124e+01	1.6177e+02	4.5320e-01
	32	0.0000e+00	0.0000e+00	0.0000e+00	1.1451e+02	3.5082e+02	2.0873e+01
745	1445	0.0000e+00	0.0000e+00	0.0000e+00	4.2285e+01	-9.5460e+01	-5.9574e+00
	1831	0.0000e+00	0.0000e+00	0.0000e+00	3.4708e+01	5.0707e+01	-1.0940e+01
	1832	0.0000e+00	0.0000e+00	0.0000e+00	-3.1370e+00	7.1089e+01	-7.0418e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	7.0386e+01	2.0928e+02	-2.0590e+00
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	3.3027e+01	-1.1369e+02	-6.3173e+00
	1830	0.0000e+00	0.0000e+00	0.0000e+00	2.5752e+01	-1.2868e+01	-9.7425e+00
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-2.2477e+00	1.0280e+00	-1.0981e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	5.4328e+01	1.0438e+02	-7.5554e+00
747	1443	0.0000e+00	0.0000e+00	0.0000e+00	2.7870e+01	-1.1881e+02	-1.2193e+00
	1829	0.0000e+00	0.0000e+00	0.0000e+00	1.8612e+01	-5.6354e+01	-3.6958e+00
	1830	0.0000e+00	0.0000e+00	0.0000e+00	3.1959e-01	-4.7489e+01	-8.3914e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	4.1319e+01	2.4568e+01	-5.9150e+00
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	2.6681e+01	-1.1088e+02	6.5985e+00
	1828	0.0000e+00	0.0000e+00	0.0000e+00	1.3063e+01	-8.1780e+01	4.8673e+00
	1829	0.0000e+00	0.0000e+00	0.0000e+00	3.3634e+00	-7.7267e+01	-1.6017e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	3.2996e+01	-3.4939e+01	1.2947e-01
749	1441	0.0000e+00	0.0000e+00	0.0000e+00	2.9265e+01	-8.8828e+01	1.5103e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	8.7134e+00	-9.0483e+01	1.4164e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	7.2410e+00	-8.9951e+01	7.3171e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	2.8901e+01	-7.7601e+01	8.2559e+00
750	1440	0.0000e+00	0.0000e+00	0.0000e+00	3.5363e+01	-5.0786e+01	2.2549e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	5.1281e+00	-8.2614e+01	2.2649e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	1.2118e+01	-8.6058e+01	1.6644e+01

	1441	0.0000e+00	0.0000e+00	0.0000e+00	2.8569e+01	-1.0560e+02	1.6544e+01
751	1439	0.0000e+00	0.0000e+00	0.0000e+00	4.4328e+01	5.8485e+00	2.7115e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	1.6468e+00	-5.7019e+01	2.8910e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	1.8051e+01	-6.5046e+01	2.4982e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	3.1436e+01	-1.1988e+02	2.3186e+01
752	1438	0.0000e+00	0.0000e+00	0.0000e+00	5.4538e+01	8.3606e+01	2.5571e+01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-2.5013e+00	-8.5404e+00	3.0307e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	2.5003e+01	-2.5603e+01	3.0993e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	3.6296e+01	-1.1915e+02	2.6256e+01
753	31	0.0000e+00	0.0000e+00	0.0000e+00	8.2952e+01	1.8573e+02	-4.0748e+00
	86	0.0000e+00	0.0000e+00	0.0000e+00	-3.4117e+01	9.9427e+01	8.5794e+00
	1824	0.0000e+00	0.0000e+00	0.0000e+00	3.5584e+01	4.1410e+01	3.5193e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	3.7997e+01	-9.9327e+01	2.2539e+01
754	1823	0.0000e+00	0.0000e+00	0.0000e+00	5.5309e+01	3.8874e+01	-4.3839e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	9.4598e+01	-1.1426e+02	-5.5950e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	1.2776e+02	1.9750e+02	-8.9619e+00
	77	0.0000e+00	0.0000e+00	0.0000e+00	9.0136e+01	5.1942e+01	-4.7205e+01
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	3.3229e+01	-8.6559e+00	-1.4610e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	5.4805e+01	-1.1683e+02	-5.6294e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	9.1418e+01	9.7312e+01	-1.2256e+01
	1823	0.0000e+00	0.0000e+00	0.0000e+00	1.2581e+01	4.0525e+00	-2.1237e+01
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	2.1632e+01	-5.0261e+01	-9.1314e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	4.1459e+01	-1.1604e+02	-7.8633e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	5.6730e+01	2.2917e+01	-9.2543e+00
	1822	0.0000e+00	0.0000e+00	0.0000e+00	8.6149e+00	-3.9735e+01	-1.0522e+01
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	1.5127e+01	-7.3247e+01	-9.4819e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	3.6982e+01	-1.0625e+02	-9.8744e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	4.3775e+01	-3.2491e+01	-8.8025e+00
	1821	0.0000e+00	0.0000e+00	0.0000e+00	7.6364e+00	-6.7909e+01	-8.4100e+00
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	1.0972e+01	-8.1227e+01	-1.1964e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	3.7189e+01	-8.5254e+01	-1.2199e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	3.8094e+01	-7.2207e+01	-1.0352e+01
	1820	0.0000e+00	0.0000e+00	0.0000e+00	9.6502e+00	-8.0390e+01	-1.0117e+01
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	8.2216e+00	-7.4737e+01	-1.4126e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	4.1401e+01	-5.1699e+01	-1.3925e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	3.6802e+01	-9.8388e+01	-1.2596e+01
	1819	0.0000e+00	0.0000e+00	0.0000e+00	1.3178e+01	-7.8341e+01	-1.2797e+01
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	6.8179e+00	-5.3166e+01	-1.3819e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	5.0459e+01	-3.8321e+00	-1.3558e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	3.9507e+01	-1.1244e+02	-1.4200e+01
	1818	0.0000e+00	0.0000e+00	0.0000e+00	1.8234e+01	-6.1658e+01	-1.4462e+01
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	7.7923e+00	-1.4655e+01	-7.9589e+00
	678	0.0000e+00	0.0000e+00	0.0000e+00	6.6897e+01	6.0870e+01	-8.9991e+00
	680	0.0000e+00	0.0000e+00	0.0000e+00	4.7244e+01	-1.1524e+02	-1.3710e+01
	1817	0.0000e+00	0.0000e+00	0.0000e+00	2.5596e+01	-2.9117e+01	-1.2670e+01
762	1815	0.0000e+00	0.0000e+00	0.0000e+00	8.0073e+00	4.1168e+01	7.5615e+00
	676	0.0000e+00	0.0000e+00	0.0000e+00	1.0208e+02	1.4576e+02	1.9912e+00
	678	0.0000e+00	0.0000e+00	0.0000e+00	6.3341e+01	-1.0792e+02	-9.9805e+00
	1816	0.0000e+00	0.0000e+00	0.0000e+00	3.6847e+01	2.3608e+01	-4.4101e+00
763	76	0.0000e+00	0.0000e+00	0.0000e+00	8.2035e+01	1.0560e+02	3.6689e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	1.1160e+02	2.5205e+02	1.3778e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	1.0037e+02	-8.8609e+01	4.0493e+00
	1815	0.0000e+00	0.0000e+00	0.0000e+00	5.2541e+01	7.9729e+01	2.6961e+01
764	1814	0.0000e+00	0.0000e+00	0.0000e+00	5.7919e+01	1.4058e+02	-3.7738e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	1.0592e+02	-8.9904e+01	-2.2779e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	1.2880e+02	3.5861e+02	-1.7350e+01
	76	0.0000e+00	0.0000e+00	0.0000e+00	6.4293e+01	1.1702e+02	-3.2309e+01
765	1813	0.0000e+00	0.0000e+00	0.0000e+00	4.3927e+01	5.5048e+01	-8.8038e+00
	574	0.0000e+00	0.0000e+00	0.0000e+00	6.2853e+01	-1.0858e+02	-3.6613e+00
	576	0.0000e+00	0.0000e+00	0.0000e+00	1.1283e+02	2.1043e+02	-1.6825e+01
	1814	0.0000e+00	0.0000e+00	0.0000e+00	4.0035e+00	7.3727e+01	-2.1967e+01
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	3.0106e+01	-1.4972e+01	8.7843e-02
	572	0.0000e+00	0.0000e+00	0.0000e+00	4.4225e+01	-1.2262e+02	5.2591e-01

	574	0.0000e+00	0.0000e+00	0.0000e+00	7.2429e+01	9.9617e+01	-4.0279e+00
	1813	0.0000e+00	0.0000e+00	0.0000e+00	2.7577e+00	1.2799e+00	-4.4659e+00
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	2.0958e+01	-6.0133e+01	9.9128e-02
	570	0.0000e+00	0.0000e+00	0.0000e+00	3.5662e+01	-1.2551e+02	-9.0027e-01
	572	0.0000e+00	0.0000e+00	0.0000e+00	5.1711e+01	1.7083e+01	3.4674e-02
	1812	0.0000e+00	0.0000e+00	0.0000e+00	2.9542e+00	-5.0210e+01	1.0341e+00
768	1810	0.0000e+00	0.0000e+00	0.0000e+00	1.4631e+01	-8.5416e+01	-4.3247e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	3.3553e+01	-1.1523e+02	-5.5096e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	4.0379e+01	-4.3582e+01	-1.9319e+00
	1811	0.0000e+00	0.0000e+00	0.0000e+00	5.4873e+00	-8.0715e+01	-7.4691e-01
769	1809	0.0000e+00	0.0000e+00	0.0000e+00	1.0169e+01	-9.2430e+01	-9.7657e+00
	566	0.0000e+00	0.0000e+00	0.0000e+00	3.7039e+01	-9.0256e+01	-1.0872e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	3.5487e+01	-8.6461e+01	-6.8605e+00
	1810	0.0000e+00	0.0000e+00	0.0000e+00	9.5575e+00	-9.2493e+01	-5.7539e+00
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	7.3044e+00	-8.0971e+01	-1.3183e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	4.6889e+01	-4.8300e+01	-1.4499e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	3.6227e+01	-1.1415e+02	-1.2230e+01
	1809	0.0000e+00	0.0000e+00	0.0000e+00	1.5392e+01	-8.6116e+01	-1.0914e+01
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	6.9579e+00	-4.8848e+01	-1.0480e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	6.6099e+01	1.4153e+01	-1.3391e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	4.3421e+01	-1.2824e+02	-1.5745e+01
	1808	0.0000e+00	0.0000e+00	0.0000e+00	2.3943e+01	-6.0427e+01	-1.2834e+01
772	1806	0.0000e+00	0.0000e+00	0.0000e+00	6.6117e+00	6.5164e+00	4.8586e+00
	560	0.0000e+00	0.0000e+00	0.0000e+00	1.0840e+02	1.0226e+02	-3.7076e+00
	562	0.0000e+00	0.0000e+00	0.0000e+00	6.0713e+01	-1.3034e+02	-1.5608e+01
	1807	0.0000e+00	0.0000e+00	0.0000e+00	3.7547e+01	-1.0253e+01	-7.0419e+00
773	75	0.0000e+00	0.0000e+00	0.0000e+00	1.1312e+02	6.6881e+01	3.5564e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.1706e+02	2.1868e+02	1.4455e+00
	560	0.0000e+00	0.0000e+00	0.0000e+00	1.0645e+02	-1.1847e+02	-3.5106e+00
	1806	0.0000e+00	0.0000e+00	0.0000e+00	5.7012e+01	4.3463e+01	3.0607e+01
774	1805	0.0000e+00	0.0000e+00	0.0000e+00	6.6228e+01	1.2704e+02	-3.3472e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	1.2561e+02	-1.1631e+02	-7.9394e+00
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4387e+02	3.6457e+02	9.6910e-01
	74	0.0000e+00	0.0000e+00	0.0000e+00	9.7906e+01	1.0300e+02	-2.4563e+01
775	1804	0.0000e+00	0.0000e+00	0.0000e+00	4.8403e+01	4.1587e+01	3.5129e+00
	457	0.0000e+00	0.0000e+00	0.0000e+00	7.2013e+01	-1.3072e+02	1.1893e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	1.3018e+02	2.0318e+02	-2.6930e+00
	1805	0.0000e+00	0.0000e+00	0.0000e+00	6.6227e+00	6.0713e+01	-1.1073e+01
776	1803	0.0000e+00	0.0000e+00	0.0000e+00	3.2074e+01	-3.1224e+01	1.3143e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	4.9449e+01	-1.3969e+02	1.5371e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	8.0909e+01	8.4412e+01	1.0740e+01
	1804	0.0000e+00	0.0000e+00	0.0000e+00	4.9696e+00	-1.4581e+01	8.5122e+00
777	1802	0.0000e+00	0.0000e+00	0.0000e+00	2.1504e+01	-7.5822e+01	1.2674e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	3.8744e+01	-1.3730e+02	1.2984e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	5.6236e+01	-1.7068e+00	1.4495e+01
	1803	0.0000e+00	0.0000e+00	0.0000e+00	4.6178e+00	-6.6274e+01	1.4185e+01
778	1801	0.0000e+00	0.0000e+00	0.0000e+00	1.4286e+01	-9.8597e+01	7.1992e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	3.5285e+01	-1.2131e+02	7.1983e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	4.2568e+01	-6.2930e+01	1.1640e+01
	1802	0.0000e+00	0.0000e+00	0.0000e+00	7.0021e+00	-9.4732e+01	1.1641e+01
779	1800	0.0000e+00	0.0000e+00	0.0000e+00	9.2285e+00	-1.0178e+02	5.2008e-01
	449	0.0000e+00	0.0000e+00	0.0000e+00	3.7830e+01	-9.0375e+01	5.6624e-01
	451	0.0000e+00	0.0000e+00	0.0000e+00	3.6145e+01	-1.0418e+02	5.5448e+00
	1801	0.0000e+00	0.0000e+00	0.0000e+00	1.1004e+01	-1.0296e+02	5.4986e+00
780	1799	0.0000e+00	0.0000e+00	0.0000e+00	5.9647e+00	-8.5614e+01	-4.1512e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	4.6975e+01	-4.2362e+01	-4.3285e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	3.5810e+01	-1.2868e+02	-1.0888e+00
	1800	0.0000e+00	0.0000e+00	0.0000e+00	1.6784e+01	-9.2050e+01	-9.1147e-01
781	1798	0.0000e+00	0.0000e+00	0.0000e+00	5.3490e+00	-4.8197e+01	-2.5978e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	6.5695e+01	2.6109e+01	-4.4074e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	4.2217e+01	-1.3849e+02	-5.8666e+00
	1799	0.0000e+00	0.0000e+00	0.0000e+00	2.5288e+01	-6.1198e+01	-4.0570e+00
782	1797	0.0000e+00	0.0000e+00	0.0000e+00	5.6435e+00	1.3117e+01	1.2016e+01



	443	0.0000e+00	0.0000e+00	0.0000e+00	1.0747e+02	1.2013e+02	4.2598e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	5.8999e+01	-1.3557e+02	-6.9312e+00
	1798	0.0000e+00	0.0000e+00	0.0000e+00	3.8949e+01	-5.6615e+00	8.2470e-01
783	73	0.0000e+00	0.0000e+00	0.0000e+00	9.9699e+01	8.1100e+01	4.3467e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.2770e+02	2.4314e+02	1.0668e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	1.0405e+02	-1.1944e+02	3.2910e+00
	1797	0.0000e+00	0.0000e+00	0.0000e+00	5.9216e+01	5.7689e+01	3.6090e+01
784	1371	0.0000e+00	0.0000e+00	0.0000e+00	5.4726e+01	-9.2395e+01	-1.3775e+01
	1796	0.0000e+00	0.0000e+00	0.0000e+00	4.2608e+01	1.2729e+02	-3.6658e+01
	85	0.0000e+00	0.0000e+00	0.0000e+00	-5.4006e+01	1.3070e+02	-2.6938e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	1.0659e+02	3.3051e+02	-4.0547e+00
785	1370	0.0000e+00	0.0000e+00	0.0000e+00	4.5278e+01	-1.1424e+02	-2.4356e+01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	3.4921e+01	2.8934e+01	-2.9200e+01
	1796	0.0000e+00	0.0000e+00	0.0000e+00	-2.8018e+00	4.7635e+01	-2.6876e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	7.3527e+01	1.8606e+02	-2.2031e+01
786	1369	0.0000e+00	0.0000e+00	0.0000e+00	3.5373e+01	-1.2695e+02	-2.3530e+01
	1794	0.0000e+00	0.0000e+00	0.0000e+00	2.5564e+01	-3.2409e+01	-2.6135e+01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	-8.4919e-01	-1.9627e+01	-2.8486e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	5.6691e+01	7.9725e+01	-2.5881e+01
787	1368	0.0000e+00	0.0000e+00	0.0000e+00	2.9693e+01	-1.2588e+02	-1.7281e+01
	1793	0.0000e+00	0.0000e+00	0.0000e+00	1.7917e+01	-7.2094e+01	-1.8805e+01
	1794	0.0000e+00	0.0000e+00	0.0000e+00	1.9195e+00	-6.4550e+01	-2.4407e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	4.2711e+01	6.9959e-01	-2.2883e+01
788	1367	0.0000e+00	0.0000e+00	0.0000e+00	2.8222e+01	-1.1137e+02	-8.5643e+00
	1792	0.0000e+00	0.0000e+00	0.0000e+00	1.1985e+01	-9.2591e+01	-9.3077e+00
	1793	0.0000e+00	0.0000e+00	0.0000e+00	5.0911e+00	-8.9602e+01	-1.6448e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	3.3662e+01	-5.6220e+01	-1.5705e+01
789	1366	0.0000e+00	0.0000e+00	0.0000e+00	3.0713e+01	-8.2507e+01	4.7415e-01
	1791	0.0000e+00	0.0000e+00	0.0000e+00	7.3803e+00	-9.5533e+01	5.3750e-01
	1792	0.0000e+00	0.0000e+00	0.0000e+00	9.0719e+00	-9.6684e+01	-6.6897e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	2.9145e+01	-9.4927e+01	-6.7530e+00
790	1365	0.0000e+00	0.0000e+00	0.0000e+00	3.6853e+01	-3.7559e+01	8.0124e+00
	1790	0.0000e+00	0.0000e+00	0.0000e+00	3.6429e+00	-8.1300e+01	9.1208e+00
	1791	0.0000e+00	0.0000e+00	0.0000e+00	1.4041e+01	-8.6564e+01	3.0825e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	2.8622e+01	-1.1795e+02	1.9741e+00
791	1364	0.0000e+00	0.0000e+00	0.0000e+00	4.5979e+01	2.5956e+01	1.2135e+01
	1789	0.0000e+00	0.0000e+00	0.0000e+00	8.2794e-02	-4.8877e+01	1.4930e+01
	1790	0.0000e+00	0.0000e+00	0.0000e+00	2.0063e+01	-5.8889e+01	1.1396e+01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	3.1464e+01	-1.2649e+02	8.6011e+00
792	1363	0.0000e+00	0.0000e+00	0.0000e+00	5.6472e+01	1.1043e+02	9.3717e+00
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-3.8600e+00	7.1252e+00	1.4986e+01
	1789	0.0000e+00	0.0000e+00	0.0000e+00	2.7155e+01	-1.2537e+01	1.6737e+01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	3.6436e+01	-1.1942e+02	1.1123e+01
793	29	0.0000e+00	0.0000e+00	0.0000e+00	9.0037e+01	2.1924e+02	-2.4409e+01
	84	0.0000e+00	0.0000e+00	0.0000e+00	-3.9842e+01	1.2616e+02	-1.0905e+01
	1788	0.0000e+00	0.0000e+00	0.0000e+00	3.8444e+01	6.3067e+01	1.9872e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	3.8158e+01	-9.2966e+01	6.3684e+00
794	1296	0.0000e+00	0.0000e+00	0.0000e+00	5.3711e+01	-8.1719e+01	-2.9436e+00
	1787	0.0000e+00	0.0000e+00	0.0000e+00	4.2774e+01	1.3995e+02	-2.6216e+01
	82	0.0000e+00	0.0000e+00	0.0000e+00	-5.6462e+01	1.4708e+02	-1.3104e+01
	27	0.0000e+00	0.0000e+00	0.0000e+00	1.0744e+02	3.4193e+02	1.0168e+01
795	1295	0.0000e+00	0.0000e+00	0.0000e+00	4.4509e+01	-1.0728e+02	-1.5158e+01
	1786	0.0000e+00	0.0000e+00	0.0000e+00	3.5150e+01	3.9615e+01	-2.0312e+01
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-3.5304e+00	5.9456e+01	-1.6650e+01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	7.3109e+01	1.9887e+02	-1.1496e+01
796	1294	0.0000e+00	0.0000e+00	0.0000e+00	3.4457e+01	-1.2387e+02	-1.5478e+01
	1785	0.0000e+00	0.0000e+00	0.0000e+00	2.6023e+01	-2.4057e+01	-1.8443e+01
	1786	0.0000e+00	0.0000e+00	0.0000e+00	-1.7475e+00	-1.0355e+01	-1.9910e+01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	5.6429e+01	9.2460e+01	-1.6944e+01
797	1293	0.0000e+00	0.0000e+00	0.0000e+00	2.8560e+01	-1.2713e+02	-9.9532e+00
	1784	0.0000e+00	0.0000e+00	0.0000e+00	1.8557e+01	-6.6830e+01	-1.1925e+01
	1785	0.0000e+00	0.0000e+00	0.0000e+00	8.3209e-01	-5.8290e+01	-1.6946e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	4.2430e+01	1.2284e+01	-1.4974e+01

798	1292	0.0000e+00	0.0000e+00	0.0000e+00	2.6891e+01	-1.1745e+02	-1.6032e+00
	1783	0.0000e+00	0.0000e+00	0.0000e+00	1.2776e+01	-9.1071e+01	-2.9074e+00
	1784	0.0000e+00	0.0000e+00	0.0000e+00	3.8078e+00	-8.6989e+01	-9.7256e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	3.3309e+01	-4.6663e+01	-8.4215e+00
799	1291	0.0000e+00	0.0000e+00	0.0000e+00	2.9246e+01	-9.3899e+01	7.3723e+00
	1782	0.0000e+00	0.0000e+00	0.0000e+00	8.3076e+00	-9.8347e+01	6.7556e+00
	1783	0.0000e+00	0.0000e+00	0.0000e+00	7.6109e+00	-9.8305e+01	-3.7470e-01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	2.8736e+01	-8.8168e+01	2.4198e-01
800	1290	0.0000e+00	0.0000e+00	0.0000e+00	3.5306e+01	-5.4672e+01	1.5113e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	4.6841e+00	-8.8997e+01	1.5442e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	1.2422e+01	-9.2946e+01	9.2926e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	2.8210e+01	-1.1469e+02	8.9642e+00
801	1289	0.0000e+00	0.0000e+00	0.0000e+00	4.4224e+01	2.7578e+00	1.9714e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	1.1671e+00	-6.2058e+01	2.1733e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	1.8256e+01	-7.0530e+01	1.7825e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	3.1082e+01	-1.2735e+02	1.5807e+01
802	1288	0.0000e+00	0.0000e+00	0.0000e+00	5.3823e+01	8.0696e+01	1.7967e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-3.6651e+00	-1.2920e+01	2.3375e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	2.4841e+01	-2.9839e+01	2.4076e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	3.5892e+01	-1.2489e+02	1.8668e+01
803	26	0.0000e+00	0.0000e+00	0.0000e+00	7.2700e+01	1.8115e+02	-1.0634e+01
	81	0.0000e+00	0.0000e+00	0.0000e+00	-3.2631e+01	9.1795e+01	4.7931e+00
	1779	0.0000e+00	0.0000e+00	0.0000e+00	3.3409e+01	3.6130e+01	2.8843e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	3.6829e+01	-1.0242e+02	1.3416e+01
804	1778	0.0000e+00	0.0000e+00	0.0000e+00	6.6422e+01	1.3251e+02	-3.1433e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	1.2064e+02	-1.1080e+02	-5.1290e+00
	5	0.0000e+00	0.0000e+00	0.0000e+00	1.5031e+02	3.6614e+02	2.7406e-01
	71	0.0000e+00	0.0000e+00	0.0000e+00	8.8189e+01	1.1178e+02	-2.6030e+01
805	1777	0.0000e+00	0.0000e+00	0.0000e+00	4.7454e+01	4.4601e+01	3.8707e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	6.8138e+01	-1.2606e+02	1.2155e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	1.2541e+02	2.0682e+02	-1.6518e+00
	1778	0.0000e+00	0.0000e+00	0.0000e+00	6.3785e+00	6.4402e+01	-9.9366e+00
806	1776	0.0000e+00	0.0000e+00	0.0000e+00	3.1429e+01	-2.8164e+01	1.2773e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	4.6280e+01	-1.3731e+02	1.4531e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	7.7234e+01	8.9741e+01	1.0634e+01
	1777	0.0000e+00	0.0000e+00	0.0000e+00	3.9140e+00	-1.1430e+01	8.8758e+00
807	1775	0.0000e+00	0.0000e+00	0.0000e+00	2.1247e+01	-7.3805e+01	1.1595e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	3.6173e+01	-1.3774e+02	1.1361e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	5.3442e+01	4.1834e+00	1.3429e+01
	1776	0.0000e+00	0.0000e+00	0.0000e+00	3.5213e+00	-6.3982e+01	1.3663e+01
808	1774	0.0000e+00	0.0000e+00	0.0000e+00	1.4360e+01	-9.8407e+01	5.5752e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	3.3180e+01	-1.2503e+02	4.9826e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	4.0515e+01	-5.7506e+01	9.8489e+00
	1775	0.0000e+00	0.0000e+00	0.0000e+00	5.8663e+00	-9.4079e+01	1.0442e+01
809	1773	0.0000e+00	0.0000e+00	0.0000e+00	9.5744e+00	-1.0406e+02	-1.5453e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	3.6110e+01	-9.7684e+01	-2.1404e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	3.4677e+01	-1.0010e+02	3.1852e+00
	1774	0.0000e+00	0.0000e+00	0.0000e+00	9.8435e+00	-1.0462e+02	3.7803e+00
810	1772	0.0000e+00	0.0000e+00	0.0000e+00	6.5509e+00	-9.0867e+01	-6.6007e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	4.5636e+01	-5.3476e+01	-7.4870e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	3.4829e+01	-1.2669e+02	-3.9371e+00
	1773	0.0000e+00	0.0000e+00	0.0000e+00	1.5625e+01	-9.6556e+01	-3.0507e+00
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	6.2392e+00	-5.6782e+01	-5.3720e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	6.4900e+01	1.1125e+01	-8.0407e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	4.1720e+01	-1.3924e+02	-9.2061e+00
	1772	0.0000e+00	0.0000e+00	0.0000e+00	2.4201e+01	-6.8947e+01	-6.5375e+00
812	1770	0.0000e+00	0.0000e+00	0.0000e+00	6.6839e+00	8.6134e-01	9.0466e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	1.0827e+02	1.0149e+02	4.1527e-02
	328	0.0000e+00	0.0000e+00	0.0000e+00	5.9196e+01	-1.3978e+02	-1.0915e+01
	1771	0.0000e+00	0.0000e+00	0.0000e+00	3.8145e+01	-1.6734e+01	-1.9100e+00
813	70	0.0000e+00	0.0000e+00	0.0000e+00	1.1255e+02	6.4006e+01	4.0640e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2536e+02	2.2129e+02	3.7560e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	1.0654e+02	-1.2750e+02	-1.5140e+00

	1770	0.0000e+00	0.0000e+00	0.0000e+00	5.9246e+01	4.0557e+01	3.5370e+01
814	1769	0.0000e+00	0.0000e+00	0.0000e+00	6.6985e+01	1.3376e+02	-2.4398e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	1.2361e+02	-1.0522e+02	4.1059e+00
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.4928e+02	3.6527e+02	9.6517e+00
	69	0.0000e+00	0.0000e+00	0.0000e+00	9.7057e+01	1.1496e+02	-1.8853e+01
815	1768	0.0000e+00	0.0000e+00	0.0000e+00	4.7267e+01	4.9879e+01	1.3209e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	6.9658e+01	-1.1739e+02	2.2355e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	1.2754e+02	2.0649e+02	7.8760e+00
	1769	0.0000e+00	0.0000e+00	0.0000e+00	7.2694e+00	6.8838e+01	-1.2703e+00
816	1767	0.0000e+00	0.0000e+00	0.0000e+00	3.0853e+01	-2.0599e+01	2.2865e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	4.6669e+01	-1.2569e+02	2.5561e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	7.8001e+01	9.1314e+01	2.1069e+01
	1768	0.0000e+00	0.0000e+00	0.0000e+00	4.7936e+00	-4.5909e+00	1.8373e+01
817	1766	0.0000e+00	0.0000e+00	0.0000e+00	2.0374e+01	-6.3983e+01	2.2324e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	3.5098e+01	-1.2413e+02	2.3117e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	5.3051e+01	8.6083e+00	2.4708e+01
	1767	0.0000e+00	0.0000e+00	0.0000e+00	3.9716e+00	-5.4790e+01	2.3915e+01
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	1.3228e+01	-8.6959e+01	1.6647e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	3.0160e+01	-1.1088e+02	1.7164e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	3.8704e+01	-4.9631e+01	2.1796e+01
	1766	0.0000e+00	0.0000e+00	0.0000e+00	5.6954e+00	-8.3030e+01	2.1279e+01
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	8.1944e+00	-9.2226e+01	9.3517e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	3.0470e+01	-8.5208e+01	9.9408e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	3.1060e+01	-8.8511e+01	1.5456e+01
	1765	0.0000e+00	0.0000e+00	0.0000e+00	8.7567e+00	-9.2774e+01	1.4867e+01
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	4.8541e+00	-8.0671e+01	3.2177e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	3.6319e+01	-4.5761e+01	3.6600e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	2.8833e+01	-1.1148e+02	8.1126e+00
	1764	0.0000e+00	0.0000e+00	0.0000e+00	1.3205e+01	-8.5679e+01	7.6704e+00
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	3.7758e+00	-5.1280e+01	1.7136e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	4.9920e+01	9.8672e+00	9.0164e-01
	221	0.0000e+00	0.0000e+00	0.0000e+00	3.2340e+01	-1.2092e+02	1.8465e+00
	1763	0.0000e+00	0.0000e+00	0.0000e+00	1.9768e+01	-6.1710e+01	2.6584e+00
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	3.7776e+00	-1.5239e+00	1.0725e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	8.1780e+01	8.5516e+01	5.1706e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	4.4243e+01	-1.1886e+02	-1.7564e+00
	1762	0.0000e+00	0.0000e+00	0.0000e+00	3.0453e+01	-1.7647e+01	3.7978e+00
823	68	0.0000e+00	0.0000e+00	0.0000e+00	7.2546e+01	6.3629e+01	3.8319e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.0398e+02	1.8459e+02	1.2393e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	7.7964e+01	-1.0529e+02	3.0139e+00
	1761	0.0000e+00	0.0000e+00	0.0000e+00	4.7867e+01	3.4857e+01	2.8940e+01
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	5.1677e+01	9.3864e+01	-3.2241e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	1.0117e+02	-1.2344e+02	-1.8577e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.1826e+02	3.1196e+02	-1.1269e+01
	68	0.0000e+00	0.0000e+00	0.0000e+00	5.8879e+01	7.8221e+01	-2.4933e+01
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	4.0736e+01	1.9759e+01	-8.9177e+00
	115	0.0000e+00	0.0000e+00	0.0000e+00	6.1005e+01	-1.4488e+02	-5.2913e+00
	117	0.0000e+00	0.0000e+00	0.0000e+00	1.0327e+02	1.8081e+02	-1.4926e+01
	1760	0.0000e+00	0.0000e+00	0.0000e+00	4.9133e+00	3.7852e+01	-1.8552e+01
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	2.9222e+01	-4.8140e+01	-1.8029e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	4.4132e+01	-1.6430e+02	-3.2197e+00
	115	0.0000e+00	0.0000e+00	0.0000e+00	6.6715e+01	7.8925e+01	-6.6771e+00
	1759	0.0000e+00	0.0000e+00	0.0000e+00	4.1209e+00	-2.9453e+01	-5.2603e+00
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	2.1779e+01	-9.5537e+01	-1.4737e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	3.7289e+01	-1.7517e+02	-4.8953e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	4.9932e+01	-1.0747e+00	-4.1134e+00
	1758	0.0000e+00	0.0000e+00	0.0000e+00	3.0537e+00	-8.2470e+01	-6.9189e-01
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	1.6945e+01	-1.2649e+02	-4.8925e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	3.6548e+01	-1.7407e+02	-8.6706e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	4.1964e+01	-6.4440e+01	-5.8391e+00
	1757	0.0000e+00	0.0000e+00	0.0000e+00	4.8128e+00	-1.1840e+02	-2.0611e+00
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	1.3750e+01	-1.4185e+02	-9.4334e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	4.0584e+01	-1.5862e+02	-1.2921e+01

	109	0.0000e+00	0.0000e+00	0.0000e+00	3.9748e+01	-1.1416e+02	-9.5956e+00
	1756	0.0000e+00	0.0000e+00	0.0000e+00	8.3854e+00	-1.3842e+02	-6.1081e+00
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	1.2111e+01	-1.4099e+02	-1.3013e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	4.9681e+01	-1.2604e+02	-1.6288e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	4.2155e+01	-1.5183e+02	-1.3789e+01
	1755	0.0000e+00	0.0000e+00	0.0000e+00	1.3815e+01	-1.4251e+02	-1.0514e+01
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	1.3988e+01	-1.2110e+02	-1.2301e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	6.7234e+01	-7.2855e+01	-1.7444e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	4.9785e+01	-1.7810e+02	-1.7715e+01
	1754	0.0000e+00	0.0000e+00	0.0000e+00	2.2292e+01	-1.2925e+02	-1.2571e+01
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	2.2163e+01	-7.5446e+01	1.8071e+00
	101	0.0000e+00	0.0000e+00	0.0000e+00	1.1229e+02	4.9972e+00	-1.4251e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	6.7531e+01	-1.9346e+02	-2.2972e+01
	1753	0.0000e+00	0.0000e+00	0.0000e+00	3.8374e+01	-9.3398e+01	-6.9139e+00
833	67	0.0000e+00	0.0000e+00	0.0000e+00	1.2911e+02	3.4679e+01	6.9691e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	1.8482e+02	1.1707e+02	3.8634e+00
	101	0.0000e+00	0.0000e+00	0.0000e+00	1.1707e+02	-1.9933e+02	-2.8961e+01
	1752	0.0000e+00	0.0000e+00	0.0000e+00	7.9831e+01	-4.3085e+01	3.6867e+01
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	5.5145e+01	-8.0857e+01	-1.4991e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	4.0139e+01	1.3282e+02	-3.9958e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	-5.1623e+01	1.3290e+02	-3.1757e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	9.8082e+01	3.2980e+02	-6.7900e+00
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.6222e+01	-1.0252e+02	-2.8481e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	3.4277e+01	3.8247e+01	-3.3427e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-2.8728e+00	5.5950e+01	-2.9950e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	7.3698e+01	1.8961e+02	-2.5004e+01
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	3.5940e+01	-1.1473e+02	-2.9590e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	2.5216e+01	-2.1562e+01	-3.1811e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-4.4984e-01	-9.1760e+00	-3.2838e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	5.7262e+01	8.6089e+01	-3.0616e+01
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	2.9476e+01	-1.1388e+02	-2.5040e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	1.7609e+01	-6.0256e+01	-2.6106e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	2.0740e+00	-5.2956e+01	-3.0436e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	4.2926e+01	9.5235e+00	-2.9370e+01
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	2.6946e+01	-1.0079e+02	-1.7831e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	1.1683e+01	-8.0543e+01	-1.8144e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	4.8149e+00	-7.7629e+01	-2.4122e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	3.3204e+01	-4.5157e+01	-2.3809e+01
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	2.8087e+01	-7.5076e+01	-1.0082e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	7.1047e+00	-8.4368e+01	-9.6655e+00
	1747	0.0000e+00	0.0000e+00	0.0000e+00	8.1923e+00	-8.5343e+01	-1.5880e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	2.7814e+01	-8.1923e+01	-1.6297e+01
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	3.2519e+01	-3.5590e+01	-3.5333e+00
	1745	0.0000e+00	0.0000e+00	0.0000e+00	3.4261e+00	-7.2543e+01	-2.1924e+00
	1746	0.0000e+00	0.0000e+00	0.0000e+00	1.2358e+01	-7.7253e+01	-7.4328e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	2.6210e+01	-1.0349e+02	-8.7738e+00
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	3.9397e+01	1.9431e+01	4.3683e-02
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-5.4313e-02	-4.4657e+01	2.9427e+00
	1745	0.0000e+00	0.0000e+00	0.0000e+00	1.7304e+01	-5.3524e+01	-1.4155e-01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	2.7708e+01	-1.1130e+02	-3.0405e+00
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	4.6677e+01	9.1451e+01	-2.4657e+00
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-4.4242e+00	3.4571e+00	3.3953e+00
	1744	0.0000e+00	0.0000e+00	0.0000e+00	2.2816e+01	-1.3624e+01	4.8404e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	3.0898e+01	-1.0457e+02	-1.0206e+00
843	24	0.0000e+00	0.0000e+00	0.0000e+00	6.7458e+01	1.8208e+02	-3.2520e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	-3.5631e+01	1.0627e+02	-1.7691e+01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	3.0738e+01	4.9941e+01	8.4959e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	3.0088e+01	-7.9427e+01	-6.3331e+00
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	4.9724e+01	-8.3453e+01	-1.0454e+00
	1742	0.0000e+00	0.0000e+00	0.0000e+00	3.1382e+01	1.1794e+02	-2.8051e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	-5.0549e+01	1.2109e+02	-2.0630e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	8.3646e+01	3.0579e+02	6.3747e+00
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	4.2899e+01	-1.1047e+02	-1.4852e+01

	1741	0.0000e+00	0.0000e+00	0.0000e+00	3.0267e+01	3.2595e+01	-2.2536e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-2.7912e+00	5.3795e+01	-1.7852e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	6.2295e+01	1.8632e+02	-1.0167e+01
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	3.5563e+01	-1.3354e+02	-1.8283e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	2.4258e+01	-2.6229e+01	-2.3584e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-9.1373e-01	-1.0200e+01	-2.2400e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	5.1311e+01	9.4443e+01	-1.7100e+01
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	3.1239e+01	-1.4631e+02	-1.7433e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	1.9094e+01	-6.9822e+01	-2.1760e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	7.8559e-01	-5.8381e+01	-2.3020e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	4.1855e+01	2.0945e+01	-1.8693e+01
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	3.0113e+01	-1.4872e+02	-1.4609e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	1.5024e+01	-9.9609e+01	-1.8226e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	2.8277e+00	-9.2213e+01	-2.0744e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	3.5879e+01	-3.7439e+01	-1.7128e+01
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	3.1653e+01	-1.3967e+02	-1.1350e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	1.1758e+01	-1.1656e+02	-1.3988e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	5.5257e+00	-1.1280e+02	-1.6878e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	3.3196e+01	-8.3187e+01	-1.4240e+01
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	3.4830e+01	-1.1770e+02	-8.5789e+00
	1736	0.0000e+00	0.0000e+00	0.0000e+00	8.8145e+00	-1.2097e+02	-9.5927e+00
	1737	0.0000e+00	0.0000e+00	0.0000e+00	8.8077e+00	-1.2066e+02	-1.2371e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	3.3034e+01	-1.1767e+02	-1.1357e+01
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	3.7910e+01	-8.1476e+01	-6.7102e+00
	1735	0.0000e+00	0.0000e+00	0.0000e+00	5.7431e+00	-1.1230e+02	-5.0980e+00
	1736	0.0000e+00	0.0000e+00	0.0000e+00	1.2375e+01	-1.1585e+02	-7.6323e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	3.4144e+01	-1.4097e+02	-9.2445e+00
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	4.0302e+01	-3.1883e+01	-6.4636e+00
	1734	0.0000e+00	0.0000e+00	0.0000e+00	2.3481e+00	-8.6608e+01	-1.8861e+00
	1735	0.0000e+00	0.0000e+00	0.0000e+00	1.6168e+01	-9.7964e+01	-2.9083e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	3.4620e+01	-1.5039e+02	-7.4858e+00
853	23	0.0000e+00	0.0000e+00	0.0000e+00	4.6920e+01	3.1809e+01	-2.4397e+01
	78	0.0000e+00	0.0000e+00	0.0000e+00	-8.5355e+00	-1.3591e+01	-1.5168e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	2.3325e+01	-6.2412e+01	7.6786e-01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	3.1465e+01	-1.4367e+02	-8.4603e+00
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	-9.7954e+01	2.8386e+01	1.9229e+01
	90	0.0000e+00	0.0000e+00	0.0000e+00	-6.6027e+01	-2.3810e+01	-1.4657e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	-5.1491e+01	1.0998e+02	2.8640e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	-1.5521e+02	-5.5620e-01	4.9335e+01
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	-1.3312e+02	4.9169e+00	1.3307e+01
	1733	0.0000e+00	0.0000e+00	0.0000e+00	-1.2468e+02	5.0165e+00	2.3534e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	-9.0815e+01	-1.6171e+00	2.8608e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.4587e+02	-1.1349e+01	1.8381e+01
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	-1.4178e+02	1.0413e+00	1.7914e+00
	1732	0.0000e+00	0.0000e+00	0.0000e+00	-1.4001e+02	-3.1240e+00	1.3644e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.0951e+02	-9.8071e+00	1.1592e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.4781e+02	-9.9963e+00	-2.6054e-01
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	-1.4744e+02	9.2465e-01	-1.1496e+01
	1731	0.0000e+00	0.0000e+00	0.0000e+00	-1.4658e+02	-2.0938e+00	-7.4143e-01
	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.2457e+02	-7.7381e+00	-4.4990e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	-1.4725e+02	-3.4752e+00	-1.5253e+01
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	-1.4865e+02	1.5129e+00	-2.3301e+01
	1730	0.0000e+00	0.0000e+00	0.0000e+00	-1.4847e+02	9.5046e-01	-1.4190e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	-1.3924e+02	-1.5253e+00	-1.8243e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.3907e+02	5.7660e+00	-2.7354e+01
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	-1.4322e+02	1.8944e+00	-3.3234e+01
	1729	0.0000e+00	0.0000e+00	0.0000e+00	-1.4414e+02	5.5334e+00	-2.5787e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.5379e+02	6.6523e+00	-2.9235e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.1820e+02	1.6974e+01	-3.6683e+01
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	-1.2781e+02	1.6079e+00	-4.1511e+01
	1728	0.0000e+00	0.0000e+00	0.0000e+00	-1.3056e+02	1.1575e+01	-3.5502e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.6683e+02	1.5915e+01	-3.7369e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-7.9138e+01	2.9501e+01	-4.3378e+01

861 1726 0.0000e+00 0.0000e+00 0.0000e+00 -9.7577e+01 5.0456e-01 -4.8228e+01  
1727 0.0000e+00 0.0000e+00 0.0000e+00 -1.0380e+02 1.9262e+01 -4.3530e+01  
130 0.0000e+00 0.0000e+00 0.0000e+00 -1.7560e+02 2.5442e+01 -4.3031e+01  
119 0.0000e+00 0.0000e+00 0.0000e+00 -1.6080e+01 4.3232e+01 -4.7729e+01

862 1725 0.0000e+00 0.0000e+00 0.0000e+00 -3.9800e+01 3.4859e+00 -4.8442e+01  
1726 0.0000e+00 0.0000e+00 0.0000e+00 -5.9686e+01 3.0553e+01 -4.8134e+01  
119 0.0000e+00 0.0000e+00 0.0000e+00 -1.7510e+02 3.5197e+01 -4.8074e+01  
99 0.0000e+00 0.0000e+00 0.0000e+00 7.6252e+01 6.2149e+01 -4.8382e+01

863 89 0.0000e+00 0.0000e+00 0.0000e+00 1.2015e+02 -3.3490e+01 4.5218e+00  
1725 0.0000e+00 0.0000e+00 0.0000e+00 2.7740e+01 6.2283e+01 -4.4622e+01  
99 0.0000e+00 0.0000e+00 0.0000e+00 -1.6404e+02 4.7249e+01 -6.0250e+01  
1 0.0000e+00 0.0000e+00 0.0000e+00 2.1049e+02 1.7331e+02 -1.1107e+01

864 773 0.0000e+00 0.0000e+00 0.0000e+00 -7.6425e+01 -7.8325e+00 6.1423e+01  
22 0.0000e+00 0.0000e+00 0.0000e+00 -1.3798e+02 -1.2167e+02 3.0355e+01  
96 0.0000e+00 0.0000e+00 0.0000e+00 -1.5543e+02 1.9202e+01 -3.6004e+00  
1724 0.0000e+00 0.0000e+00 0.0000e+00 -1.2311e+02 -2.8834e+01 2.7467e+01

865 763 0.0000e+00 0.0000e+00 0.0000e+00 -9.3995e+01 4.0481e+00 4.0952e+01  
773 0.0000e+00 0.0000e+00 0.0000e+00 -1.0972e+02 -4.2653e+00 4.2465e+01  
1724 0.0000e+00 0.0000e+00 0.0000e+00 -1.0349e+02 -9.6981e+00 3.5078e+01  
1723 0.0000e+00 0.0000e+00 0.0000e+00 -9.7098e+01 -3.6979e+00 3.3565e+01

866 753 0.0000e+00 0.0000e+00 0.0000e+00 -9.7505e+01 7.4083e+00 3.4499e+01  
763 0.0000e+00 0.0000e+00 0.0000e+00 -1.0310e+02 5.0338e+00 3.7800e+01  
1723 0.0000e+00 0.0000e+00 0.0000e+00 -9.6618e+01 3.2658e-01 3.6258e+01  
1722 0.0000e+00 0.0000e+00 0.0000e+00 -9.7169e+01 9.4001e-01 3.2957e+01

867 743 0.0000e+00 0.0000e+00 0.0000e+00 -9.6893e+01 1.0387e+01 3.0662e+01  
753 0.0000e+00 0.0000e+00 0.0000e+00 -1.0245e+02 7.8724e+00 3.3732e+01  
1722 0.0000e+00 0.0000e+00 0.0000e+00 -9.6037e+01 2.1364e+00 3.2399e+01  
1721 0.0000e+00 0.0000e+00 0.0000e+00 -9.6966e+01 2.2060e+00 2.9328e+01

868 733 0.0000e+00 0.0000e+00 0.0000e+00 -9.0797e+01 1.5377e+01 2.7124e+01  
743 0.0000e+00 0.0000e+00 0.0000e+00 -1.0527e+02 1.0772e+01 3.0152e+01  
1721 0.0000e+00 0.0000e+00 0.0000e+00 -9.4683e+01 4.0352e+00 2.8374e+01  
1720 0.0000e+00 0.0000e+00 0.0000e+00 -9.5134e+01 2.8748e+00 2.5346e+01

869 723 0.0000e+00 0.0000e+00 0.0000e+00 -7.6112e+01 2.2339e+01 2.2727e+01  
733 0.0000e+00 0.0000e+00 0.0000e+00 -1.1032e+02 1.5326e+01 2.6117e+01  
1720 0.0000e+00 0.0000e+00 0.0000e+00 -8.9941e+01 6.8382e+00 2.4363e+01  
1719 0.0000e+00 0.0000e+00 0.0000e+00 -8.9493e+01 3.2242e+00 2.0973e+01

870 713 0.0000e+00 0.0000e+00 0.0000e+00 -4.9013e+01 3.0464e+01 1.6966e+01  
723 0.0000e+00 0.0000e+00 0.0000e+00 -1.1590e+02 2.1165e+01 2.0875e+01  
1719 0.0000e+00 0.0000e+00 0.0000e+00 -7.9310e+01 1.0698e+01 2.0067e+01  
1718 0.0000e+00 0.0000e+00 0.0000e+00 -7.7538e+01 2.9637e+00 1.6158e+01

871 703 0.0000e+00 0.0000e+00 0.0000e+00 -5.7276e+00 3.8320e+01 9.8075e+00  
713 0.0000e+00 0.0000e+00 0.0000e+00 -1.1934e+02 2.7255e+01 1.4094e+01  
1718 0.0000e+00 0.0000e+00 0.0000e+00 -6.0037e+01 1.5406e+01 1.5494e+01  
1717 0.0000e+00 0.0000e+00 0.0000e+00 -5.6184e+01 1.6266e+00 1.1208e+01

872 693 0.0000e+00 0.0000e+00 0.0000e+00 5.5682e+01 4.5229e+01 1.0564e+00  
703 0.0000e+00 0.0000e+00 0.0000e+00 -1.1577e+02 3.2011e+01 6.3632e+00  
1717 0.0000e+00 0.0000e+00 0.0000e+00 -2.9235e+01 2.0696e+01 1.0916e+01  
1716 0.0000e+00 0.0000e+00 0.0000e+00 -1.9897e+01 -1.3448e+00 5.6096e+00

873 11 0.0000e+00 0.0000e+00 0.0000e+00 1.3591e+02 6.0600e+01 -2.2708e+01  
693 0.0000e+00 0.0000e+00 0.0000e+00 -9.9320e+01 3.2788e+01 -2.2026e+00  
1716 0.0000e+00 0.0000e+00 0.0000e+00 1.8308e+01 2.9274e+01 5.9161e+00  
95 0.0000e+00 0.0000e+00 0.0000e+00 6.0613e+01 -1.4270e+01 -1.4589e+01

874 1506 0.0000e+00 0.0000e+00 0.0000e+00 -9.4200e+01 2.9974e+01 7.2377e+00  
33 0.0000e+00 0.0000e+00 0.0000e+00 1.1115e+02 3.8796e+01 1.1101e+01  
97 0.0000e+00 0.0000e+00 0.0000e+00 1.3516e+01 -1.8194e+01 -3.7245e+00  
1715 0.0000e+00 0.0000e+00 0.0000e+00 1.1439e+01 1.9243e+01 -7.5877e+00

875 1496 0.0000e+00 0.0000e+00 0.0000e+00 -1.0540e+02 3.0126e+01 -4.4045e+00  
1506 0.0000e+00 0.0000e+00 0.0000e+00 4.3059e+01 3.9661e+01 8.3524e-01  
1715 0.0000e+00 0.0000e+00 0.0000e+00 -2.3478e+01 -8.5603e-01 -3.8914e+00  
1714 0.0000e+00 0.0000e+00 0.0000e+00 -2.8008e+01 1.7803e+01 -9.1311e+00

876 1486 0.0000e+00 0.0000e+00 0.0000e+00 -1.0922e+02 2.6735e+01 -1.4308e+01  
1496 0.0000e+00 0.0000e+00 0.0000e+00 -9.0650e+00 3.5473e+01 -8.1801e+00  
1714 0.0000e+00 0.0000e+00 0.0000e+00 -5.1411e+01 2.0197e+00 -9.8341e+00

1713 0.0000e+00 0.0000e+00 0.0000e+00 -5.4172e+01 1.3950e+01 -1.5962e+01

877 1476 0.0000e+00 0.0000e+00 0.0000e+00 -1.0817e+02 2.2316e+01 -2.3974e+01  
1486 0.0000e+00 0.0000e+00 0.0000e+00 -4.5742e+01 2.9674e+01 -1.7528e+01  
1713 0.0000e+00 0.0000e+00 0.0000e+00 -6.9637e+01 3.1012e+00 -1.7280e+01  
1712 0.0000e+00 0.0000e+00 0.0000e+00 -7.0917e+01 9.9816e+00 -2.3727e+01

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1476 0.0000e+00 0.0000e+00 0.0000e+00 -6.8340e+01 2.3503e+01 -2.6977e+01  
1712 0.0000e+00 0.0000e+00 0.0000e+00 -8.0629e+01 2.5967e+00 -2.4860e+01  
1711 0.0000e+00 0.0000e+00 0.0000e+00 -8.1465e+01 5.8170e+00 -3.1125e+01

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1466 0.0000e+00 0.0000e+00 0.0000e+00 -7.8723e+01 1.5645e+01 -3.8025e+01  
1711 0.0000e+00 0.0000e+00 0.0000e+00 -8.6845e+01 -2.1305e+00 -2.8953e+01  
1710 0.0000e+00 0.0000e+00 0.0000e+00 -9.4410e+01 -6.5499e+00 -3.2427e+01

880 22 0.0000e+00 0.0000e+00 0.0000e+00 -1.3458e+02 -1.2027e+02 -2.9896e+01  
1456 0.0000e+00 0.0000e+00 0.0000e+00 -6.8828e+01 -1.2858e+00 -6.1627e+01  
1710 0.0000e+00 0.0000e+00 0.0000e+00 -1.1616e+02 -2.8515e+01 -2.4801e+01  
96 0.0000e+00 0.0000e+00 0.0000e+00 -1.5301e+02 1.9388e+01 6.9295e+00

881 1709 0.0000e+00 0.0000e+00 0.0000e+00 3.3671e+01 4.0376e+01 2.3974e+01  
91 0.0000e+00 0.0000e+00 0.0000e+00 5.5037e+01 -4.0370e+01 9.1731e+00  
23 0.0000e+00 0.0000e+00 0.0000e+00 1.8630e+02 1.1560e+02 1.0094e+01  
1133 0.0000e+00 0.0000e+00 0.0000e+00 -1.2827e+02 3.3079e+01 2.4896e+01

882 1708 0.0000e+00 0.0000e+00 0.0000e+00 -3.8367e+01 2.3374e+01 1.6521e+01  
1709 0.0000e+00 0.0000e+00 0.0000e+00 -2.6266e+01 1.3398e+00 2.0395e+01  
1133 0.0000e+00 0.0000e+00 0.0000e+00 7.7255e+01 4.3704e+01 1.9360e+01  
1122 0.0000e+00 0.0000e+00 0.0000e+00 -1.3386e+02 2.3667e+01 1.5486e+01

883 1707 0.0000e+00 0.0000e+00 0.0000e+00 -7.6266e+01 1.5027e+01 1.0074e+01  
1708 0.0000e+00 0.0000e+00 0.0000e+00 -7.0464e+01 -1.2356e+00 1.5901e+01  
1122 0.0000e+00 0.0000e+00 0.0000e+00 1.4714e+00 3.0267e+01 1.5336e+01  
1111 0.0000e+00 0.0000e+00 0.0000e+00 -1.3613e+02 1.5094e+01 9.5096e+00

884 1706 0.0000e+00 0.0000e+00 0.0000e+00 -1.0085e+02 9.0565e+00 5.5590e-01  
1707 0.0000e+00 0.0000e+00 0.0000e+00 -9.7303e+01 -4.9544e-01 7.9876e+00  
1111 0.0000e+00 0.0000e+00 0.0000e+00 -5.1264e+01 1.8767e+01 9.2608e+00  
1100 0.0000e+00 0.0000e+00 0.0000e+00 -1.3148e+02 6.7578e+00 1.8291e+00

885 1705 0.0000e+00 0.0000e+00 0.0000e+00 -1.1437e+02 5.1417e+00 -1.0541e+01  
1706 0.0000e+00 0.0000e+00 0.0000e+00 -1.1278e+02 2.0874e-01 -1.4703e+00  
1100 0.0000e+00 0.0000e+00 0.0000e+00 -8.5668e+01 8.2530e+00 2.9779e-02  
1089 0.0000e+00 0.0000e+00 0.0000e+00 -1.2268e+02 4.2453e-01 -9.0410e+00

886 1704 0.0000e+00 0.0000e+00 0.0000e+00 -1.1401e+02 1.0595e+01 -1.8176e+01  
1705 0.0000e+00 0.0000e+00 0.0000e+00 -1.2026e+02 3.7888e+00 -9.8214e+00  
1089 0.0000e+00 0.0000e+00 0.0000e+00 -1.0760e+02 1.1827e+00 -1.4136e+01  
1078 0.0000e+00 0.0000e+00 0.0000e+00 -1.0937e+02 2.7055e+00 -2.2491e+01

887 90 0.0000e+00 0.0000e+00 0.0000e+00 -6.3267e+01 -1.9115e+01 9.9022e+00  
1704 0.0000e+00 0.0000e+00 0.0000e+00 -9.8287e+01 2.6677e+01 -1.3214e+01  
1078 0.0000e+00 0.0000e+00 0.0000e+00 -1.3154e+02 5.0994e+00 -4.2762e+01  
12 0.0000e+00 0.0000e+00 0.0000e+00 -7.7918e+01 1.0792e+02 -1.9645e+01

888 33 0.0000e+00 0.0000e+00 0.0000e+00 2.9990e+01 3.1954e+01 -1.1377e+01  
88 0.0000e+00 0.0000e+00 0.0000e+00 -6.9699e+00 3.3065e+01 -5.5688e+00  
94 0.0000e+00 0.0000e+00 0.0000e+00 9.8795e+00 9.1525e+00 2.5983e+00  
97 0.0000e+00 0.0000e+00 0.0000e+00 2.4757e+01 -6.0699e+00 -3.2102e+00

889 77 0.0000e+00 0.0000e+00 0.0000e+00 9.7196e+01 1.4657e+01 1.8677e+01  
11 0.0000e+00 0.0000e+00 0.0000e+00 1.3239e+02 7.4839e+01 -1.6251e+01  
95 0.0000e+00 0.0000e+00 0.0000e+00 1.0692e+02 -2.5984e+01 -7.0893e+00  
98 0.0000e+00 0.0000e+00 0.0000e+00 5.2806e+01 1.5876e+01 2.7838e+01

890 91 0.0000e+00 0.0000e+00 0.0000e+00 6.3835e+01 -2.2007e+01 1.6612e+01  
93 0.0000e+00 0.0000e+00 0.0000e+00 2.4637e+01 3.5739e+01 -3.3265e+00  
78 0.0000e+00 0.0000e+00 0.0000e+00 -1.9479e+01 1.9403e+01 -1.6235e+01  
23 0.0000e+00 0.0000e+00 0.0000e+00 6.8075e+01 1.0297e+02 3.7034e+00

891 92 0.0000e+00 0.0000e+00 0.0000e+00 9.1186e+01 5.5689e+01 -4.2050e+01  
89 0.0000e+00 0.0000e+00 0.0000e+00 1.8495e+02 -5.0917e+01 -1.2270e+01  
1 0.0000e+00 0.0000e+00 0.0000e+00 2.2972e+02 1.9755e+02 1.7509e+01  
67 0.0000e+00 0.0000e+00 0.0000e+00 1.0597e+02 3.1390e+01 -1.2272e+01

892 1696 0.0000e+00 0.0000e+00 0.0000e+00 2.8550e+01 1.0281e+02 8.0825e+00  
1703 0.0000e+00 0.0000e+00 0.0000e+00 1.0931e+02 -1.0120e+02 1.2958e+01

	29	0.0000e+00	0.0000e+00	0.0000e+00	2.4865e+02	3.3220e+02	7.7145e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-1.0097e+02	1.3860e+02	2.8395e+00
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	6.3003e+00	2.2457e+01	-1.3153e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	6.7988e+01	-1.0185e+02	-4.4513e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	1.0964e+02	1.8861e+02	-3.4401e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-1.7820e+01	6.2301e+01	-1.2142e+01
894	1694	0.0000e+00	0.0000e+00	0.0000e+00	-1.0420e+01	-1.8430e+01	-1.3094e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	4.5836e+01	-1.0251e+02	-9.8809e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	6.9895e+01	8.6151e+01	-1.1839e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-2.8005e+01	5.9609e+00	-1.5052e+01
895	1693	0.0000e+00	0.0000e+00	0.0000e+00	-1.8150e+01	-4.2845e+01	-1.0083e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	3.8764e+01	-8.9023e+01	-1.1295e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	4.8386e+01	9.6375e+00	-1.4682e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-3.0215e+01	-2.9816e+01	-1.3470e+01
896	1692	0.0000e+00	0.0000e+00	0.0000e+00	-1.7066e+01	-5.0494e+01	-6.4695e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	4.5043e+01	-5.9657e+01	-1.1948e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	4.1547e+01	-4.5887e+01	-1.5238e+01
	1693	0.0000e+00	0.0000e+00	0.0000e+00	-2.4608e+01	-4.8519e+01	-9.7592e+00
897	1691	0.0000e+00	0.0000e+00	0.0000e+00	-5.6212e+00	-4.0184e+01	-3.2731e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	6.5983e+01	-1.1866e+01	-1.4288e+01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	4.8071e+01	-8.3720e+01	-1.6638e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	-9.9019e+00	-5.0738e+01	-5.6227e+00
898	1690	0.0000e+00	0.0000e+00	0.0000e+00	2.6179e+01	-2.8563e+00	3.8035e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	1.0832e+02	5.8612e+01	-1.8969e+01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	7.0181e+01	-1.0629e+02	-2.2429e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.8434e+01	-3.7949e+01	3.4372e-01
899	1647	0.0000e+00	0.0000e+00	0.0000e+00	-4.3243e+01	1.0760e+02	4.0518e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	3.2307e+02	1.6843e+02	-3.2083e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	1.1737e+02	-1.2962e+02	-4.6830e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	7.4357e+01	1.7806e+01	-3.1029e+00
900	1689	0.0000e+00	0.0000e+00	0.0000e+00	-1.2912e+02	7.1532e+01	-2.2097e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-4.3519e+01	9.7620e+01	-2.7293e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-5.5044e+01	1.0531e+02	-1.1768e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	-1.2807e+02	7.9551e+01	4.0189e+00
901	1688	0.0000e+00	0.0000e+00	0.0000e+00	-1.1247e+02	2.2955e+01	-2.8543e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-4.8358e+01	3.2518e+01	-3.3607e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-5.7985e+01	3.7628e+01	-3.7154e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	-1.1305e+02	5.4233e+01	-3.2090e+01
902	1687	0.0000e+00	0.0000e+00	0.0000e+00	-1.0268e+02	-1.2078e+01	-2.1265e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-5.2826e+01	-1.2993e+01	-2.4003e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-5.4593e+01	-7.2092e+00	-3.4840e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	-1.0643e+02	1.3390e+01	-3.2102e+01
903	1686	0.0000e+00	0.0000e+00	0.0000e+00	-9.5611e+01	-3.3789e+01	-8.9970e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	-5.2518e+01	-4.0761e+01	-1.2613e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-5.5713e+01	-3.6691e+01	-2.5076e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	-9.9703e+01	-1.8919e+01	-2.1460e+01
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	-8.8692e+01	-3.9876e+01	4.7578e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	-4.6392e+01	-5.2190e+01	-4.6142e-01
	1693	0.0000e+00	0.0000e+00	0.0000e+00	-5.2169e+01	-5.0955e+01	-1.3292e+01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	-9.3432e+01	-3.7796e+01	-8.0730e+00
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	-8.3265e+01	-2.7389e+01	1.9075e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	-3.3350e+01	-4.6690e+01	1.2615e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	-4.3035e+01	-4.8922e+01	-1.1871e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	-8.6594e+01	-4.0821e+01	5.2725e+00
906	1683	0.0000e+00	0.0000e+00	0.0000e+00	-8.1937e+01	9.2290e+00	3.2538e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	-2.1588e+01	-1.9296e+01	2.9423e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	-2.7578e+01	-2.6415e+01	1.4063e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	-8.2222e+01	-2.4446e+01	1.7178e+01
907	1639	0.0000e+00	0.0000e+00	0.0000e+00	-1.0181e+02	5.6083e+01	1.0604e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	-2.2892e+01	7.7182e+01	2.2200e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	-6.5120e+00	3.1999e+01	3.4067e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	-9.4832e+01	2.9539e+01	2.2471e+01
908	1682	0.0000e+00	0.0000e+00	0.0000e+00	-1.6338e+02	4.7250e+01	-1.4054e+01



	1689	0.0000e+00	0.0000e+00	0.0000e+00	-1.3476e+02	5.7631e+01	-1.5606e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	-1.3935e+02	6.5843e+01	-4.3484e-01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	-1.6192e+02	4.6105e+01	1.1169e+00
909	1681	0.0000e+00	0.0000e+00	0.0000e+00	-1.5182e+02	2.6017e+01	-1.8337e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	-1.2492e+02	2.1461e+01	-2.7863e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	-1.3808e+02	4.7969e+01	-2.5928e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-1.5786e+02	3.9571e+01	-1.6402e+01
910	1680	0.0000e+00	0.0000e+00	0.0000e+00	-1.3875e+02	-1.0694e+00	-1.2307e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	-1.1694e+02	-1.0202e+01	-2.0991e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	-1.2595e+02	1.1412e+01	-2.7801e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-1.4724e+02	1.5800e+01	-1.9117e+01
911	1679	0.0000e+00	0.0000e+00	0.0000e+00	-1.2897e+02	-2.1081e+01	-1.7590e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	-1.1000e+02	-3.1526e+01	-8.4845e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	-1.1652e+02	-1.8379e+01	-1.8363e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-1.3600e+02	-9.2128e+00	-1.1637e+01
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	-1.2345e+02	-2.8607e+01	9.2911e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	-1.0418e+02	-3.8729e+01	5.1238e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	-1.0858e+02	-3.5691e+01	-5.0074e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	-1.2746e+02	-2.5699e+01	-8.4010e-01
913	1677	0.0000e+00	0.0000e+00	0.0000e+00	-1.2404e+02	-2.0683e+01	1.7373e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	-1.0147e+02	-2.8436e+01	1.7439e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	-1.0215e+02	-3.7603e+01	9.0072e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	-1.2322e+02	-2.8614e+01	8.9409e+00
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	-1.3273e+02	2.4932e+00	1.6273e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	-1.0929e+02	4.3807e+00	2.4289e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	-9.9310e+01	-2.0759e+01	2.1996e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	-1.2656e+02	-1.4319e+01	1.3980e+01
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	-1.4688e+02	2.9754e+01	5.2389e-01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	-1.1899e+02	4.3932e+01	1.0642e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	-1.0629e+02	2.1027e+01	2.0897e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	-1.3920e+02	1.4846e+01	1.0779e+01
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	-1.6464e+02	3.7540e+01	-1.2804e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-1.6245e+02	4.1192e+01	-1.0378e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	-1.6306e+02	4.0437e+01	-3.1145e+00
	1319	0.0000e+00	0.0000e+00	0.0000e+00	-1.5913e+02	2.9670e+01	-5.5411e+00
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	-1.5738e+02	2.7557e+01	-9.5018e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-1.5504e+02	2.4884e+01	-1.6187e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-1.6405e+02	3.7533e+01	-1.6186e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-1.6184e+02	3.4859e+01	-9.5011e+00
918	1673	0.0000e+00	0.0000e+00	0.0000e+00	-1.4586e+02	6.5229e+00	-2.5372e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-1.4435e+02	8.9577e-01	-1.1557e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-1.5442e+02	1.6253e+01	-1.6091e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-1.5396e+02	1.9628e+01	-7.0719e+00
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	-1.3673e+02	-1.1945e+01	5.0649e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	-1.3543e+02	-1.8529e+01	-1.8783e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-1.4285e+02	-7.1607e+00	-8.1790e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-1.4330e+02	-1.2355e+00	-1.2358e+00
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	-1.3198e+02	-2.1844e+01	1.1502e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	-1.3061e+02	-2.6871e+01	8.0976e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	-1.3377e+02	-2.3053e+01	2.4395e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	-1.3568e+02	-1.6847e+01	5.8434e+00
921	1670	0.0000e+00	0.0000e+00	0.0000e+00	-1.3236e+02	-2.1016e+01	1.2836e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	-1.3168e+02	-2.0782e+01	1.3988e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	-1.2886e+02	-2.6728e+01	1.2097e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	-1.3285e+02	-2.2741e+01	1.0945e+01
922	1669	0.0000e+00	0.0000e+00	0.0000e+00	-1.3963e+02	-7.8951e+00	4.7008e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	-1.3970e+02	-2.3547e-01	1.1469e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	-1.3035e+02	-1.5409e+01	1.6184e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	-1.3534e+02	-1.7109e+01	9.4155e+00
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	-1.5260e+02	1.4844e+01	-9.6039e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	-1.4924e+02	2.3730e+01	-3.7544e-01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	-1.4006e+02	9.4726e+00	8.8017e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	-1.4319e+02	1.3951e-01	-4.2674e-01

924 1668 0.0000e+00 0.0000e+00 0.0000e+00 -1.4971e+02 4.3080e+01 -1.5400e+01  
1675 0.0000e+00 0.0000e+00 0.0000e+00 -1.6054e+02 3.7158e+01 -8.9628e+00  
1319 0.0000e+00 0.0000e+00 0.0000e+00 -1.5854e+02 2.9544e+01 -1.0991e+01  
1308 0.0000e+00 0.0000e+00 0.0000e+00 -1.3874e+02 2.7649e+01 -1.7428e+01

925 1667 0.0000e+00 0.0000e+00 0.0000e+00 -1.4128e+02 3.2341e+01 3.0528e-01  
1674 0.0000e+00 0.0000e+00 0.0000e+00 -1.5544e+02 2.9428e+01 -6.2538e+00  
1675 0.0000e+00 0.0000e+00 0.0000e+00 -1.6114e+02 3.6340e+01 -1.1158e+01  
1668 0.0000e+00 0.0000e+00 0.0000e+00 -1.4880e+02 4.3164e+01 -4.5990e+00

926 1666 0.0000e+00 0.0000e+00 0.0000e+00 -1.3197e+02 1.1168e+01 6.6462e+00  
1673 0.0000e+00 0.0000e+00 0.0000e+00 -1.4457e+02 8.4921e+00 -1.4877e+00  
1674 0.0000e+00 0.0000e+00 0.0000e+00 -1.5293e+02 2.1975e+01 -4.4346e+00  
1667 0.0000e+00 0.0000e+00 0.0000e+00 -1.4000e+02 2.5150e+01 3.6993e+00

927 1665 0.0000e+00 0.0000e+00 0.0000e+00 -1.2682e+02 -6.7265e+00 9.8962e+00  
1672 0.0000e+00 0.0000e+00 0.0000e+00 -1.3638e+02 -1.0171e+01 4.7602e+00  
1673 0.0000e+00 0.0000e+00 0.0000e+00 -1.4269e+02 1.6624e+00 2.1138e+00  
1666 0.0000e+00 0.0000e+00 0.0000e+00 -1.3086e+02 3.4720e+00 7.2499e+00

928 1664 0.0000e+00 0.0000e+00 0.0000e+00 -1.2457e+02 -1.8698e+01 1.2771e+01  
1671 0.0000e+00 0.0000e+00 0.0000e+00 -1.3265e+02 -2.0562e+01 1.0453e+01  
1672 0.0000e+00 0.0000e+00 0.0000e+00 -1.3520e+02 -1.4271e+01 8.3639e+00  
1665 0.0000e+00 0.0000e+00 0.0000e+00 -1.2669e+02 -1.1987e+01 1.0682e+01

929 1663 0.0000e+00 0.0000e+00 0.0000e+00 -1.2297e+02 -2.6295e+01 1.1136e+01  
1670 0.0000e+00 0.0000e+00 0.0000e+00 -1.3275e+02 -2.1100e+01 1.0569e+01  
1671 0.0000e+00 0.0000e+00 0.0000e+00 -1.3099e+02 -2.2268e+01 1.2778e+01  
1664 0.0000e+00 0.0000e+00 0.0000e+00 -1.2589e+02 -2.1458e+01 1.3345e+01

930 1662 0.0000e+00 0.0000e+00 0.0000e+00 -1.2438e+02 -2.5497e+01 -2.0335e+00  
1669 0.0000e+00 0.0000e+00 0.0000e+00 -1.3689e+02 -1.0298e+01 4.7293e-01  
1670 0.0000e+00 0.0000e+00 0.0000e+00 -1.3069e+02 -2.0224e+01 1.0767e+01  
1663 0.0000e+00 0.0000e+00 0.0000e+00 -1.2553e+02 -2.5461e+01 8.2604e+00

931 1615 0.0000e+00 0.0000e+00 0.0000e+00 -1.4047e+02 2.1596e+00 -2.3297e+01  
1623 0.0000e+00 0.0000e+00 0.0000e+00 -1.4555e+02 1.0904e+01 -1.2592e+01  
1669 0.0000e+00 0.0000e+00 0.0000e+00 -1.3811e+02 -3.9497e+00 -9.3929e-01  
1662 0.0000e+00 0.0000e+00 0.0000e+00 -1.2633e+02 -1.8339e+01 -1.1645e+01

932 1661 0.0000e+00 0.0000e+00 0.0000e+00 -1.2248e+02 9.5501e+01 -1.6914e+01  
1668 0.0000e+00 0.0000e+00 0.0000e+00 -1.5260e+02 5.1716e+01 -4.9928e+00  
1308 0.0000e+00 0.0000e+00 0.0000e+00 -1.4315e+02 3.3185e+01 -2.5603e+01  
1297 0.0000e+00 0.0000e+00 0.0000e+00 -1.0791e+02 3.0318e+01 -3.7525e+01

933 1660 0.0000e+00 0.0000e+00 0.0000e+00 -1.0648e+02 3.9394e+01 1.5869e+01  
1667 0.0000e+00 0.0000e+00 0.0000e+00 -1.3866e+02 3.7688e+01 2.6901e+00  
1668 0.0000e+00 0.0000e+00 0.0000e+00 -1.4243e+02 4.6228e+01 -4.0062e+00  
1661 0.0000e+00 0.0000e+00 0.0000e+00 -1.2926e+02 5.7817e+01 9.1731e+00

934 1659 0.0000e+00 0.0000e+00 0.0000e+00 -1.0650e+02 1.1656e+01 1.0156e+01  
1666 0.0000e+00 0.0000e+00 0.0000e+00 -1.2570e+02 1.1832e+01 5.9016e+00  
1667 0.0000e+00 0.0000e+00 0.0000e+00 -1.3323e+02 2.8419e+01 7.9763e+00  
1660 0.0000e+00 0.0000e+00 0.0000e+00 -1.0755e+02 2.4476e+01 1.2230e+01

935 1658 0.0000e+00 0.0000e+00 0.0000e+00 -1.0933e+02 -4.7982e+00 9.3137e+00  
1665 0.0000e+00 0.0000e+00 0.0000e+00 -1.2234e+02 -6.3823e+00 8.7472e+00  
1666 0.0000e+00 0.0000e+00 0.0000e+00 -1.2558e+02 6.6995e+00 9.2183e+00  
1659 0.0000e+00 0.0000e+00 0.0000e+00 -1.0723e+02 4.1801e+00 9.7848e+00

936 1657 0.0000e+00 0.0000e+00 0.0000e+00 -1.1348e+02 -1.6232e+01 1.1121e+01  
1664 0.0000e+00 0.0000e+00 0.0000e+00 -1.2230e+02 -1.8382e+01 1.2118e+01  
1665 0.0000e+00 0.0000e+00 0.0000e+00 -1.2313e+02 -9.1364e+00 1.1180e+01  
1658 0.0000e+00 0.0000e+00 0.0000e+00 -1.1065e+02 -9.4239e+00 1.0183e+01

937 1656 0.0000e+00 0.0000e+00 0.0000e+00 -1.1630e+02 -2.7320e+01 1.2806e+01  
1663 0.0000e+00 0.0000e+00 0.0000e+00 -1.2098e+02 -2.6886e+01 1.2641e+01  
1664 0.0000e+00 0.0000e+00 0.0000e+00 -1.2217e+02 -2.0511e+01 1.2817e+01  
1657 0.0000e+00 0.0000e+00 0.0000e+00 -1.1544e+02 -2.0426e+01 1.2981e+01

938 1655 0.0000e+00 0.0000e+00 0.0000e+00 -9.9628e+01 -4.6405e+01 5.0293e+00  
1662 0.0000e+00 0.0000e+00 0.0000e+00 -1.1916e+02 -2.7371e+01 -2.9660e+00  
1663 0.0000e+00 0.0000e+00 0.0000e+00 -1.1592e+02 -3.1097e+01 9.2442e+00  
1656 0.0000e+00 0.0000e+00 0.0000e+00 -1.1898e+02 -3.6303e+01 1.7240e+01

939 1607 0.0000e+00 0.0000e+00 0.0000e+00 -1.2431e+02 -3.7058e+00 -4.4727e+01  
1615 0.0000e+00 0.0000e+00 0.0000e+00 -1.2358e+02 -3.0367e+00 -2.9489e+01  
1662 0.0000e+00 0.0000e+00 0.0000e+00 -1.1068e+02 -2.7270e+01 -4.2391e+00

	1655	0.0000e+00	0.0000e+00	0.0000e+00	-1.0651e+02	-7.6729e+01	-1.9477e+01
940	945	0.0000e+00	0.0000e+00	0.0000e+00	-1.9027e+01	2.0199e+01	2.5656e+01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-1.1058e+02	1.3052e+02	-7.0475e+00
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-1.7647e+02	5.5917e+01	-9.5175e+01
	18	0.0000e+00	0.0000e+00	0.0000e+00	-1.9030e+01	3.4120e+02	-6.2472e+01
941	944	0.0000e+00	0.0000e+00	0.0000e+00	-6.4397e+01	2.8200e+01	2.6201e+00
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-8.8531e+01	3.0943e+01	1.1061e+01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-8.6396e+01	7.2149e+01	1.6585e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	-4.9524e+01	6.3925e+01	8.1441e+00
942	943	0.0000e+00	0.0000e+00	0.0000e+00	-8.1775e+01	7.6216e+00	9.0614e-01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	-9.6225e+01	8.6343e+00	7.4376e+00
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-9.3500e+01	2.9300e+01	1.1047e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	-7.1340e+01	2.3148e+01	4.5152e+00
943	942	0.0000e+00	0.0000e+00	0.0000e+00	-9.3047e+01	-5.0613e+00	1.4108e+00
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-1.0364e+02	-5.5970e+00	6.7740e+00
	1659	0.0000e+00	0.0000e+00	0.0000e+00	-1.0020e+02	7.2200e+00	7.8270e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	-8.5684e+01	4.5940e+00	2.4637e+00
944	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.0356e+02	-1.5102e+01	2.8126e+00
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-1.1137e+02	-1.6614e+01	8.5656e+00
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-1.0698e+02	-6.4480e+00	8.0976e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	-9.6364e+01	-7.0306e+00	2.3446e+00
945	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.1702e+02	-2.7283e+01	4.4063e+00
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.1967e+02	-2.9647e+01	1.1502e+01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-1.1478e+02	-1.6563e+01	1.0212e+01
	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.0760e+02	-1.6366e+01	3.1166e+00
946	939	0.0000e+00	0.0000e+00	0.0000e+00	-1.3476e+02	-5.6867e+01	4.8628e+00
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-1.2780e+02	-5.8133e+01	1.2630e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.2342e+02	-2.8920e+01	1.2162e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.2350e+02	-2.9258e+01	4.3953e+00
947	17	0.0000e+00	0.0000e+00	0.0000e+00	-1.5664e+02	-3.0939e+02	-7.0079e+01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-4.4981e+01	-2.6088e+01	-1.0210e+02
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-1.0321e+02	-1.1128e+02	-9.4888e+00
	939	0.0000e+00	0.0000e+00	0.0000e+00	-1.6294e+02	-1.1852e+01	2.2536e+01
948	1646	0.0000e+00	0.0000e+00	0.0000e+00	7.1626e+01	6.9800e+01	1.6660e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	1.4257e+02	-1.3028e+02	4.9575e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	3.4461e+02	2.8216e+02	3.0457e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	-6.4101e+01	1.2004e+02	-2.4586e+00
949	1645	0.0000e+00	0.0000e+00	0.0000e+00	2.4730e+01	-3.9663e+00	1.6941e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	8.4234e+01	-1.0742e+02	2.3841e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	1.3342e+02	1.3869e+02	2.3675e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	2.0170e+01	3.5569e+01	1.5277e+00
950	1644	0.0000e+00	0.0000e+00	0.0000e+00	-3.7027e+00	-3.2059e+01	5.3490e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	5.4716e+01	-9.5201e+01	1.6134e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	8.0864e+01	4.6744e+01	1.4250e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	-8.1210e+00	-1.2658e+01	3.4650e+00
951	1643	0.0000e+00	0.0000e+00	0.0000e+00	-1.8965e+01	-4.4773e+01	9.0951e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	4.3619e+01	-6.9685e+01	1.3543e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	5.3394e+01	-1.8740e+01	1.0472e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	-1.9779e+01	-3.7557e+01	6.0248e+00
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	-2.4954e+01	-4.0641e+01	1.2027e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	4.6391e+01	-2.7476e+01	1.2222e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	4.2861e+01	-6.3615e+01	9.3624e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	-2.1032e+01	-4.4774e+01	9.1677e+00
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	-2.2936e+01	-1.8152e+01	1.3014e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	6.1859e+01	3.4552e+01	9.5678e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	4.5417e+01	-9.0632e+01	7.8918e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	-1.3439e+01	-3.4601e+01	1.1338e+01
954	1640	0.0000e+00	0.0000e+00	0.0000e+00	-8.7728e+00	2.9715e+01	1.4111e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	9.2416e+01	1.1985e+02	4.5944e+00
	1649	0.0000e+00	0.0000e+00	0.0000e+00	6.0568e+01	-1.0063e+02	3.0373e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	3.9006e+00	-7.4043e+00	1.2554e+01
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	-7.9934e+01	1.3588e+02	3.0995e+01
	27	0.0000e+00	0.0000e+00	0.0000e+00	2.4060e+02	2.3584e+02	1.4881e+01

1648 0.0000e+00 0.0000e+00 0.0000e+00 9.1819e+01 -1.0060e+02 -1.4819e+01  
1640 0.0000e+00 0.0000e+00 0.0000e+00 3.6380e+01 5.8313e+01 1.2954e+00

956 1638 0.0000e+00 0.0000e+00 0.0000e+00 -1.0755e+02 5.3469e+01 -1.9614e+01  
1646 0.0000e+00 0.0000e+00 0.0000e+00 -1.2906e+01 7.3080e+01 -2.2269e+01  
1647 0.0000e+00 0.0000e+00 0.0000e+00 -2.0695e+01 8.3115e+01 -2.6643e+00  
1639 0.0000e+00 0.0000e+00 0.0000e+00 -1.0511e+02 6.3805e+01 -9.2311e-03

957 1637 0.0000e+00 0.0000e+00 0.0000e+00 -9.5338e+01 4.8118e+00 -1.8780e+01  
1645 0.0000e+00 0.0000e+00 0.0000e+00 -3.0195e+01 8.8510e+00 -1.7384e+01  
1646 0.0000e+00 0.0000e+00 0.0000e+00 -3.0156e+01 1.1831e+01 -2.7746e+01  
1638 0.0000e+00 0.0000e+00 0.0000e+00 -9.2563e+01 3.6442e+01 -2.9143e+01

958 1636 0.0000e+00 0.0000e+00 0.0000e+00 -9.3790e+01 -2.2748e+01 -7.2979e+00  
1644 0.0000e+00 0.0000e+00 0.0000e+00 -4.4123e+01 -2.7408e+01 -3.6843e+00  
1645 0.0000e+00 0.0000e+00 0.0000e+00 -3.7575e+01 -2.3726e+01 -1.7392e+01  
1637 0.0000e+00 0.0000e+00 0.0000e+00 -9.3057e+01 -1.1711e+00 -2.1006e+01

959 1635 0.0000e+00 0.0000e+00 0.0000e+00 -9.4716e+01 -3.5235e+01 6.2905e+00  
1643 0.0000e+00 0.0000e+00 0.0000e+00 -5.1411e+01 -4.4510e+01 8.2986e+00  
1644 0.0000e+00 0.0000e+00 0.0000e+00 -4.8025e+01 -4.2617e+01 -4.7726e+00  
1636 0.0000e+00 0.0000e+00 0.0000e+00 -9.4056e+01 -2.5942e+01 -6.7806e+00

960 1634 0.0000e+00 0.0000e+00 0.0000e+00 -9.5522e+01 -3.1647e+01 1.8790e+01  
1642 0.0000e+00 0.0000e+00 0.0000e+00 -5.2733e+01 -4.4771e+01 1.9196e+01  
1643 0.0000e+00 0.0000e+00 0.0000e+00 -5.1940e+01 -4.5868e+01 7.3880e+00  
1635 0.0000e+00 0.0000e+00 0.0000e+00 -9.5498e+01 -3.5550e+01 6.9824e+00

961 1633 0.0000e+00 0.0000e+00 0.0000e+00 -9.7856e+01 -1.0186e+01 2.8700e+01  
1641 0.0000e+00 0.0000e+00 0.0000e+00 -4.8874e+01 -2.7541e+01 2.8592e+01  
1642 0.0000e+00 0.0000e+00 0.0000e+00 -5.0290e+01 -3.2316e+01 1.8024e+01  
1634 0.0000e+00 0.0000e+00 0.0000e+00 -9.6658e+01 -2.8691e+01 1.8132e+01

962 1632 0.0000e+00 0.0000e+00 0.0000e+00 -1.0366e+02 3.1985e+01 3.3156e+01  
1640 0.0000e+00 0.0000e+00 0.0000e+00 -4.7902e+01 1.1240e+01 3.6586e+01  
1641 0.0000e+00 0.0000e+00 0.0000e+00 -4.4042e+01 1.3502e+00 2.8413e+01  
1633 0.0000e+00 0.0000e+00 0.0000e+00 -1.0061e+02 -3.1702e+00 2.4983e+01

963 1276 0.0000e+00 0.0000e+00 0.0000e+00 -1.2626e+02 7.9241e+01 2.4799e+00  
1287 0.0000e+00 0.0000e+00 0.0000e+00 -5.5757e+01 1.0767e+02 1.6825e+01  
1640 0.0000e+00 0.0000e+00 0.0000e+00 -3.5102e+01 6.3832e+01 3.6349e+01  
1632 0.0000e+00 0.0000e+00 0.0000e+00 -1.1802e+02 5.3498e+01 2.2003e+01

964 1630 0.0000e+00 0.0000e+00 0.0000e+00 -1.5087e+02 3.5092e+01 -1.4618e+01  
1638 0.0000e+00 0.0000e+00 0.0000e+00 -1.1644e+02 4.1482e+01 -1.5160e+01  
1639 0.0000e+00 0.0000e+00 0.0000e+00 -1.1971e+02 5.0858e+01 -4.0288e+00  
1631 0.0000e+00 0.0000e+00 0.0000e+00 -1.4869e+02 3.5150e+01 -3.4867e+00

965 1629 0.0000e+00 0.0000e+00 0.0000e+00 -1.4181e+02 1.4212e+01 -1.4185e+01  
1637 0.0000e+00 0.0000e+00 0.0000e+00 -1.1151e+02 6.2077e+00 -2.0846e+01  
1638 0.0000e+00 0.0000e+00 0.0000e+00 -1.2095e+02 3.0993e+01 -2.3196e+01  
1630 0.0000e+00 0.0000e+00 0.0000e+00 -1.4579e+02 2.7656e+01 -1.6536e+01

966 1628 0.0000e+00 0.0000e+00 0.0000e+00 -1.3346e+02 -8.9882e+00 -4.9130e+00  
1636 0.0000e+00 0.0000e+00 0.0000e+00 -1.1030e+02 -1.9434e+01 -9.1698e+00  
1637 0.0000e+00 0.0000e+00 0.0000e+00 -1.1361e+02 -2.7054e+00 -1.8759e+01  
1629 0.0000e+00 0.0000e+00 0.0000e+00 -1.3873e+02 5.8876e+00 -1.4503e+01

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1636 0.0000e+00 0.0000e+00 0.0000e+00 -1.1098e+02 -2.5444e+01 -5.8462e+00  
1628 0.0000e+00 0.0000e+00 0.0000e+00 -1.3264e+02 -1.4273e+01 -3.9795e+00

968 1626 0.0000e+00 0.0000e+00 0.0000e+00 -1.2996e+02 -2.3291e+01 1.6164e+01  
1634 0.0000e+00 0.0000e+00 0.0000e+00 -1.1155e+02 -3.0865e+01 1.6928e+01  
1635 0.0000e+00 0.0000e+00 0.0000e+00 -1.1002e+02 -3.4176e+01 8.0715e+00  
1627 0.0000e+00 0.0000e+00 0.0000e+00 -1.2996e+02 -2.4168e+01 7.3082e+00

969 1625 0.0000e+00 0.0000e+00 0.0000e+00 -1.3591e+02 -9.0654e+00 2.0264e+01  
1633 0.0000e+00 0.0000e+00 0.0000e+00 -1.1575e+02 -1.2096e+01 2.4944e+01  
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1626 0.0000e+00 0.0000e+00 0.0000e+00 -1.3163e+02 -2.0106e+01 1.5132e+01

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1632 0.0000e+00 0.0000e+00 0.0000e+00 -1.2857e+02 2.5873e+01 2.4571e+01  
1633 0.0000e+00 0.0000e+00 0.0000e+00 -1.1459e+02 -2.7521e+00 2.7157e+01  
1625 0.0000e+00 0.0000e+00 0.0000e+00 -1.3989e+02 -2.0081e-01 1.6050e+01

971 1265 0.0000e+00 0.0000e+00 0.0000e+00 -1.6339e+02 4.6547e+01 -7.9137e+00

	1276	0.0000e+00	0.0000e+00	0.0000e+00	-1.4067e+02	6.5761e+01	3.1754e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	-1.2657e+02	4.2342e+01	1.8327e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	-1.5515e+02	3.1475e+01	7.2382e+00
972	1622	0.0000e+00	0.0000e+00	0.0000e+00	-1.5830e+02	2.9322e+01	-1.4696e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	-1.5231e+02	3.0186e+01	-1.1906e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	-1.5237e+02	3.0132e+01	-7.4884e+00
	1623	0.0000e+00	0.0000e+00	0.0000e+00	-1.5263e+02	2.2227e+01	-1.0279e+01
973	1621	0.0000e+00	0.0000e+00	0.0000e+00	-1.5225e+02	1.9579e+01	-8.2619e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	-1.4737e+02	1.4553e+01	-1.3511e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	-1.5442e+02	2.6305e+01	-1.6290e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	-1.5578e+02	2.6795e+01	-1.1040e+01
974	1620	0.0000e+00	0.0000e+00	0.0000e+00	-1.4328e+02	7.6817e-01	7.9645e-01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	-1.4070e+02	-5.9158e+00	-5.6585e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	-1.4730e+02	6.6786e+00	-1.2054e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	-1.4967e+02	1.2691e+01	-5.5987e+00
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	-1.3770e+02	-1.3713e+01	8.8075e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	-1.3667e+02	-1.9794e+01	5.1116e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	-1.3985e+02	-1.2374e+01	-1.5841e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	-1.4196e+02	-5.1624e+00	2.1118e+00
976	1618	0.0000e+00	0.0000e+00	0.0000e+00	-1.3677e+02	-1.8738e+01	1.3849e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	-1.3688e+02	-2.1756e+01	1.3811e+01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	-1.3571e+02	-2.2276e+01	9.3138e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	-1.3802e+02	-1.6365e+01	9.3518e+00
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	-1.4043e+02	-1.3244e+01	1.2278e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	-1.4231e+02	-9.8369e+00	1.6279e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	-1.3583e+02	-1.9621e+01	1.6878e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	-1.3885e+02	-1.7403e+01	1.2878e+01
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	-1.4960e+02	3.2104e+00	4.7158e-01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	-1.5302e+02	1.4473e+01	8.8564e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	-1.4156e+02	-3.0677e+00	1.6827e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	-1.4417e+02	-7.6298e+00	8.4426e+00
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	-1.6249e+02	2.7170e+01	-1.7526e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	-1.6327e+02	3.9567e+01	-8.2040e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	-1.5371e+02	2.4533e+01	4.3476e+00
	1616	0.0000e+00	0.0000e+00	0.0000e+00	-1.5327e+02	1.2011e+01	-4.9745e+00
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	-1.4730e+02	3.7787e+01	-1.7787e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	-1.5586e+02	2.9772e+01	-1.1352e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	-1.5375e+02	2.2648e+01	-1.5462e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.3644e+02	2.2793e+01	-2.1898e+01
981	1613	0.0000e+00	0.0000e+00	0.0000e+00	-1.3902e+02	2.6714e+01	2.4052e-01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	-1.5182e+02	2.2403e+01	-5.8332e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	-1.5658e+02	2.8736e+01	-1.2599e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-1.4650e+02	3.7858e+01	-6.5256e+00
982	1612	0.0000e+00	0.0000e+00	0.0000e+00	-1.3080e+02	6.5710e+00	7.7274e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	-1.4301e+02	3.4669e+00	8.5943e-01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	-1.4946e+02	1.5198e+01	-3.1260e+00
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-1.3818e+02	2.0006e+01	3.7420e+00
983	1611	0.0000e+00	0.0000e+00	0.0000e+00	-1.2750e+02	-8.8148e+00	1.0859e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	-1.3767e+02	-1.1605e+01	7.5801e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	-1.4142e+02	-2.5143e+00	4.9303e+00
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-1.3037e+02	-4.3722e-02	8.2091e+00
984	1610	0.0000e+00	0.0000e+00	0.0000e+00	-1.2732e+02	-1.7319e+01	1.2462e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	-1.3699e+02	-1.7531e+01	1.2132e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	-1.3686e+02	-1.4466e+01	1.1073e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	-1.2812e+02	-1.2576e+01	1.1403e+01
985	1609	0.0000e+00	0.0000e+00	0.0000e+00	-1.2750e+02	-2.1124e+01	8.7068e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	-1.3964e+02	-1.3731e+01	9.7967e+00
	1618	0.0000e+00	0.0000e+00	0.0000e+00	-1.3571e+02	-1.7920e+01	1.3799e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	-1.2924e+02	-1.8473e+01	1.2709e+01
986	1608	0.0000e+00	0.0000e+00	0.0000e+00	-1.2977e+02	-1.7087e+01	-6.7192e+00
	1616	0.0000e+00	0.0000e+00	0.0000e+00	-1.4515e+02	2.4311e-01	-3.3818e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	-1.3789e+02	-1.1793e+01	8.9478e+00
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-1.3030e+02	-1.8941e+01	5.6104e+00

987 1243 0.0000e+00 0.0000e+00 0.0000e+00 -1.4498e+02 1.1755e+01 -2.9872e+01  
1254 0.0000e+00 0.0000e+00 0.0000e+00 -1.5351e+02 2.2682e+01 -1.9679e+01  
1616 0.0000e+00 0.0000e+00 0.0000e+00 -1.4640e+02 6.9737e+00 -5.9999e+00  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -1.3156e+02 -9.2565e+00 -1.6193e+01

988 1606 0.0000e+00 0.0000e+00 0.0000e+00 -1.2197e+02 9.3640e+01 -1.9040e+01  
1614 0.0000e+00 0.0000e+00 0.0000e+00 -1.5152e+02 4.7231e+01 -7.3090e+00  
1615 0.0000e+00 0.0000e+00 0.0000e+00 -1.4198e+02 2.8893e+01 -2.9977e+01  
1607 0.0000e+00 0.0000e+00 0.0000e+00 -1.0788e+02 2.7487e+01 -4.1708e+01

989 1605 0.0000e+00 0.0000e+00 0.0000e+00 -1.0515e+02 3.5156e+01 1.5824e+01  
1613 0.0000e+00 0.0000e+00 0.0000e+00 -1.3733e+02 3.2762e+01 2.2340e+00  
1614 0.0000e+00 0.0000e+00 0.0000e+00 -1.4090e+02 4.1233e+01 -5.6576e+00  
1606 0.0000e+00 0.0000e+00 0.0000e+00 -1.2896e+02 5.4506e+01 7.9324e+00

990 1604 0.0000e+00 0.0000e+00 0.0000e+00 -1.0560e+02 7.4503e+00 1.0194e+01  
1612 0.0000e+00 0.0000e+00 0.0000e+00 -1.2496e+02 7.6136e+00 6.4288e+00  
1613 0.0000e+00 0.0000e+00 0.0000e+00 -1.3169e+02 2.3337e+01 8.1810e+00  
1605 0.0000e+00 0.0000e+00 0.0000e+00 -1.0645e+02 2.0022e+01 1.1947e+01

991 1603 0.0000e+00 0.0000e+00 0.0000e+00 -1.0921e+02 -7.3914e+00 8.9211e+00  
1611 0.0000e+00 0.0000e+00 0.0000e+00 -1.2298e+02 -8.3055e+00 9.2494e+00  
1612 0.0000e+00 0.0000e+00 0.0000e+00 -1.2489e+02 2.9323e+00 9.9954e+00  
1604 0.0000e+00 0.0000e+00 0.0000e+00 -1.0664e+02 5.3710e-01 9.6671e+00

992 1602 0.0000e+00 0.0000e+00 0.0000e+00 -1.1407e+02 -1.6259e+01 9.6461e+00  
1610 0.0000e+00 0.0000e+00 0.0000e+00 -1.2445e+02 -1.7045e+01 1.1547e+01  
1611 0.0000e+00 0.0000e+00 0.0000e+00 -1.2386e+02 -1.0282e+01 1.1529e+01  
1603 0.0000e+00 0.0000e+00 0.0000e+00 -1.1083e+02 -1.1032e+01 9.6278e+00

993 1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.1726e+02 -2.4164e+01 9.6421e+00  
1609 0.0000e+00 0.0000e+00 0.0000e+00 -1.2435e+02 -2.1921e+01 1.0162e+01  
1610 0.0000e+00 0.0000e+00 0.0000e+00 -1.2439e+02 -1.8264e+01 1.1785e+01  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -1.1617e+02 -1.9244e+01 1.1265e+01

994 1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.0108e+02 -3.9382e+01 2.3678e-01  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -1.2309e+02 -1.9220e+01 -7.2468e+00  
1609 0.0000e+00 0.0000e+00 0.0000e+00 -1.1947e+02 -2.5134e+01 6.2172e+00  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.1978e+02 -3.1702e+01 1.3701e+01

995 1232 0.0000e+00 0.0000e+00 0.0000e+00 -1.2435e+02 4.7866e+00 -4.9273e+01  
1243 0.0000e+00 0.0000e+00 0.0000e+00 -1.2664e+02 6.4759e+00 -3.4960e+01  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -1.1480e+02 -1.8488e+01 -9.2213e+00  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.0735e+02 -6.7898e+01 -2.3534e+01

996 868 0.0000e+00 0.0000e+00 0.0000e+00 -1.5849e+01 1.6935e+01 2.6324e+01  
1606 0.0000e+00 0.0000e+00 0.0000e+00 -1.1068e+02 1.3029e+02 -8.9096e+00  
1607 0.0000e+00 0.0000e+00 0.0000e+00 -1.7881e+02 5.4095e+01 -1.0086e+02  
17 0.0000e+00 0.0000e+00 0.0000e+00 -1.8711e+01 3.5001e+02 -6.5631e+01

997 867 0.0000e+00 0.0000e+00 0.0000e+00 -6.2737e+01 2.3996e+01 2.0369e+00  
1605 0.0000e+00 0.0000e+00 0.0000e+00 -8.7075e+01 2.6623e+01 1.0610e+01  
1606 0.0000e+00 0.0000e+00 0.0000e+00 -8.5283e+01 6.9440e+01 1.6079e+01  
868 0.0000e+00 0.0000e+00 0.0000e+00 -4.7255e+01 6.1209e+01 7.5063e+00

998 866 0.0000e+00 0.0000e+00 0.0000e+00 -8.0714e+01 3.3725e+00 3.2298e-01  
1604 0.0000e+00 0.0000e+00 0.0000e+00 -9.5282e+01 4.4576e+00 7.2305e+00  
1605 0.0000e+00 0.0000e+00 0.0000e+00 -9.2137e+01 2.4940e+01 1.0846e+01  
867 0.0000e+00 0.0000e+00 0.0000e+00 -6.9942e+01 1.8847e+01 3.9388e+00

999 865 0.0000e+00 0.0000e+00 0.0000e+00 -9.2216e+01 -8.0590e+00 6.2617e-01  
1603 0.0000e+00 0.0000e+00 0.0000e+00 -1.0331e+02 -8.1432e+00 6.3219e+00  
1604 0.0000e+00 0.0000e+00 0.0000e+00 -9.9302e+01 3.3820e+00 7.6090e+00  
866 0.0000e+00 0.0000e+00 0.0000e+00 -8.4753e+01 7.4242e-01 1.9133e+00

1000 864 0.0000e+00 0.0000e+00 0.0000e+00 -1.0241e+02 -1.6041e+01 1.4673e+00  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -1.1135e+02 -1.6640e+01 7.2744e+00  
1603 0.0000e+00 0.0000e+00 0.0000e+00 -1.0655e+02 -8.4965e+00 7.4123e+00  
865 0.0000e+00 0.0000e+00 0.0000e+00 -9.5517e+01 -9.3700e+00 1.6052e+00

1001 863 0.0000e+00 0.0000e+00 0.0000e+00 -1.1470e+02 -2.5538e+01 2.0630e+00  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.1937e+02 -2.6477e+01 8.7190e+00  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -1.1445e+02 -1.6063e+01 8.4745e+00  
864 0.0000e+00 0.0000e+00 0.0000e+00 -1.0620e+02 -1.6517e+01 1.8185e+00

1002 862 0.0000e+00 0.0000e+00 0.0000e+00 -1.2990e+02 -5.1336e+01 1.0988e+00  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.2698e+02 -5.0779e+01 7.9088e+00  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.2262e+02 -2.5183e+01 8.8975e+00

	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.2055e+02	-2.6588e+01	2.0874e+00
1003	16	0.0000e+00	0.0000e+00	0.0000e+00	-1.5175e+02	-2.9173e+02	-7.3140e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-4.5361e+01	-1.6963e+01	-1.0414e+02
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-1.0304e+02	-1.0151e+02	-1.3659e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-1.5654e+02	-6.3711e+00	1.7342e+01
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	1.7585e+01	9.6068e+01	2.7363e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	1.1776e+02	-8.4043e+01	2.8762e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	2.3194e+02	2.9014e+02	2.6532e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-9.4020e+01	1.1488e+02	2.5132e+01
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	2.5506e+00	3.0267e+01	6.1357e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	8.3134e+01	-6.8021e+01	1.3250e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	1.1352e+02	1.6425e+02	1.4708e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-1.4732e+01	6.2797e+01	7.5936e+00
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	-1.1698e+01	4.2262e+00	3.1123e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	6.6480e+01	-5.2091e+01	6.4051e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	8.1883e+01	7.6668e+01	6.0598e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-2.1035e+01	2.1101e+01	2.7670e+00
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	-1.8920e+01	-4.6973e+00	2.1147e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	6.2801e+01	-1.9895e+01	2.2957e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	6.6236e+01	1.2241e+01	1.0659e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-2.2022e+01	-2.8571e-01	8.8485e-01
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	-1.8758e+01	4.7226e+00	1.2680e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	7.0970e+01	3.0664e+01	-1.6869e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	6.3175e+01	-3.2348e+01	-2.6973e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-1.6405e+01	-4.2129e+00	2.5765e-01
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	-6.8316e+00	4.0015e+01	2.6406e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	9.2738e+01	1.0164e+02	-5.9495e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	7.1930e+01	-5.8065e+01	-8.1808e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-1.8472e+00	8.4099e+00	4.0921e-01
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	-8.0408e+01	1.2321e+02	1.7743e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	2.2623e+02	2.0156e+02	4.3965e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	9.6560e+01	-7.5184e+01	-2.3493e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	2.4678e+01	6.3726e+01	-1.0147e+01
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	-1.3309e+02	6.1513e+01	1.5087e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-4.9804e+01	8.5741e+01	-3.9496e-01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-5.5637e+01	8.8518e+01	2.2247e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-1.3076e+02	6.3581e+01	2.4151e+01
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	-1.2129e+02	2.9925e+01	-5.5121e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-5.2825e+01	3.6769e+01	-9.7220e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-6.0224e+01	4.0093e+01	-1.1049e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-1.2165e+02	4.9818e+01	-6.8392e+00
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	-1.1442e+02	8.5887e+00	-2.0723e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-5.6851e+01	5.7603e+00	-3.5242e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-5.7033e+01	8.9553e+00	-1.1552e+01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-1.1692e+02	2.3558e+01	-1.0100e+01
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	-1.1164e+02	1.0785e+00	4.9276e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-5.7755e+01	-7.3535e+00	3.8170e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-5.8492e+01	-6.3499e+00	-5.4692e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-1.1295e+02	5.3823e+00	-4.3586e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	-1.1242e+02	1.0704e+01	1.2101e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-5.4958e+01	-3.0059e+00	1.1544e+01
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-5.6965e+01	-5.3897e+00	2.1436e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-1.1144e+02	1.3123e+00	2.7005e+00
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	-1.1835e+02	3.9696e+01	1.5243e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-5.5222e+01	2.3255e+01	1.9104e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-5.2170e+01	1.5180e+01	1.1520e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-1.1429e+02	1.5206e+01	7.6595e+00
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	-1.3554e+02	7.4096e+01	-1.1064e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-6.2552e+01	1.0079e+02	1.1470e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-4.5658e+01	6.5387e+01	1.7984e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-1.2994e+02	5.5520e+01	5.7733e+00
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	-1.6978e+02	3.8732e+01	5.0330e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-1.4130e+02	4.8493e+01	6.7693e+00

	1416	0.0000e+00	0.0000e+00	0.0000e+00	-1.4258e+02	5.1423e+01	1.9260e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	-1.6531e+02	3.4062e+01	1.7523e+01
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	-1.6471e+02	2.8657e+01	5.2116e-02
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-1.3595e+02	2.6480e+01	-5.4073e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-1.4377e+02	4.3856e+01	-2.3662e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-1.6694e+02	3.5075e+01	3.0933e+00
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	-1.5753e+02	1.3863e+01	1.9951e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-1.3214e+02	8.3283e+00	-2.9580e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-1.3692e+02	2.0825e+01	-6.5100e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-1.6188e+02	2.3004e+01	-1.5569e+00
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	-1.5379e+02	5.9474e+00	5.6025e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-1.3031e+02	7.5151e-01	3.3277e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-1.3203e+02	4.4778e+00	-1.7448e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-1.5627e+02	1.0296e+01	5.3008e-01
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	-1.5597e+02	1.0416e+01	6.1950e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-1.3206e+02	8.4966e+00	8.4273e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-1.2964e+02	1.3075e+00	5.2492e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-1.5428e+02	6.2892e+00	3.0170e+00
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	-1.6452e+02	2.6887e+01	-1.2595e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-1.4146e+02	3.4224e+01	7.3086e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-1.3135e+02	1.4381e+01	1.0075e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-1.5885e+02	1.5711e+01	1.5071e+00
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	-1.7436e+02	4.5221e+01	-1.8798e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-1.5150e+02	6.1998e+01	-1.0142e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-1.4054e+02	4.5078e+01	2.1206e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-1.6939e+02	3.5226e+01	-6.5346e+00
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.7248e+02	3.0032e+01	1.2384e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-1.7014e+02	3.3080e+01	7.1062e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	-1.6765e+02	2.9428e+01	1.2893e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-1.6416e+02	1.9909e+01	7.0256e+00
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	-1.7117e+02	2.7671e+01	3.5327e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-1.6869e+02	2.6320e+01	1.3554e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-1.7199e+02	3.3188e+01	2.1013e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.7188e+02	3.0217e+01	4.2786e+00
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.6531e+02	1.5792e+01	6.8624e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-1.6384e+02	1.3986e+01	1.8787e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-1.6854e+02	2.2535e+01	3.7928e-01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-1.6979e+02	2.3984e+01	5.3631e+00
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	-1.6068e+02	5.4667e+00	7.1845e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-1.6043e+02	6.1608e+00	3.8675e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-1.6265e+02	1.0138e+01	3.3118e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.6457e+02	1.2039e+01	6.6288e+00
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	-1.6021e+02	3.2302e+00	1.7626e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-1.6159e+02	9.2404e+00	2.4867e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-1.5916e+02	5.1442e+00	5.5950e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-1.6130e+02	4.4049e+00	4.8709e+00
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	-1.6530e+02	1.2110e+01	-1.0786e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-1.6791e+02	2.3600e+01	-5.3537e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-1.6105e+02	1.1996e+01	2.6706e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-1.6215e+02	6.0616e+00	-2.7616e+00
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	-1.7353e+02	2.9163e+01	-2.5705e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-1.7524e+02	3.9419e+01	-1.8835e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-1.6888e+02	2.9074e+01	-8.7728e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-1.6723e+02	1.7479e+01	-1.5642e+01
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.5887e+02	3.6162e+01	-6.8023e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.6899e+02	2.9730e+01	3.2129e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-1.6428e+02	2.0080e+01	1.0847e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-1.4512e+02	1.8270e+01	-8.9305e+00
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.5565e+02	3.1720e+01	8.2359e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-1.6986e+02	2.9147e+01	5.8098e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.7067e+02	3.1551e+01	1.1235e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.5931e+02	3.9154e+01	3.5496e+00
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.4991e+02	1.6415e+01	1.2993e+01



	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.6401e+02	1.6865e+01	7.5784e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-1.6815e+02	2.5183e+01	6.4432e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.5575e+02	2.8099e+01	1.1858e+01
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.4600e+02	1.6778e+00	1.0611e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-1.5864e+02	5.4643e+00	6.6197e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.6187e+02	1.2297e+01	9.0373e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.5012e+02	1.0833e+01	1.3029e+01
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.4234e+02	-9.3176e+00	2.2262e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-1.5646e+02	1.9291e+00	-1.9974e-01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-1.5655e+02	2.3420e+00	7.0311e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.4672e+02	-2.1125e+00	9.4570e+00
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.4181e+02	-9.4109e+00	-1.5441e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-1.5850e+02	9.0672e+00	-1.4350e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-1.5488e+02	1.3651e+00	-1.1998e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.4342e+02	-8.7123e+00	-2.2901e+00
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	-1.5362e+02	1.7172e+01	-3.5991e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-1.6453e+02	2.5457e+01	-2.7343e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-1.6017e+02	1.3471e+01	-1.5987e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.4205e+02	-2.9007e+00	-2.4636e+01
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.3635e+02	8.5365e+01	-1.5028e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.5964e+02	4.4325e+01	1.4371e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-1.5216e+02	2.3904e+01	-1.8298e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.1350e+02	2.5717e+01	-3.4763e+01
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.2036e+02	4.2133e+01	2.1603e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.5500e+02	3.8038e+01	1.0806e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.5349e+02	4.2308e+01	1.5092e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.4176e+02	5.8399e+01	1.2306e+01
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.2254e+02	1.5081e+01	1.5685e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.4371e+02	1.6852e+01	1.2513e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.4942e+02	3.0523e+01	1.5236e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.2267e+02	2.6380e+01	1.8408e+01
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.2558e+02	-1.5949e+00	1.1674e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.3985e+02	3.9303e-01	1.0849e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.4281e+02	1.2332e+01	1.4260e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.2414e+02	6.9147e+00	1.5084e+01
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.2570e+02	-1.6755e+01	7.6946e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.3463e+02	-1.1163e+01	4.7420e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.3873e+02	-3.3880e+00	9.6456e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.2704e+02	-8.4439e+00	1.2598e+01
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.0562e+02	-3.8817e+01	-6.9911e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.3150e+02	-1.2172e+01	-1.7332e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.2886e+02	-1.6603e+01	2.9043e-01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.2730e+02	-2.8223e+01	1.0631e+01
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.2963e+02	8.2123e+00	-5.5907e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-1.3229e+02	1.2433e+01	-4.1144e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.2678e+02	-1.0718e+01	-1.7880e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.0795e+02	-5.7014e+01	-3.2643e+01
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	-1.9194e+01	3.3850e+01	2.9200e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.3220e+02	1.2602e+02	-1.9032e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.8193e+02	4.9821e+01	-9.5590e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	-2.6768e+01	3.4543e+02	-6.4486e+01
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	-7.5686e+01	2.7557e+01	5.5003e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.0106e+02	3.4138e+01	1.5313e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.0573e+02	7.3433e+01	2.2056e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-5.2949e+01	6.5371e+01	1.2244e+01
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	-9.5293e+01	8.9504e+00	3.4428e+00
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.1109e+02	1.0546e+01	1.2348e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.0638e+02	3.2103e+01	1.6415e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-8.3595e+01	2.4867e+01	7.5101e+00
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.0897e+02	-5.1722e+00	2.5011e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.2006e+02	-4.6463e+00	9.5994e+00
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.1550e+02	1.0312e+01	1.1902e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-1.0046e+02	5.8393e+00	4.8033e+00

1050 1073 0.0000e+00 0.0000e+00 0.0000e+00 -1.2157e+02 -2.0374e+01 2.1756e+00  
1559 0.0000e+00 0.0000e+00 0.0000e+00 -1.2650e+02 -2.1234e+01 8.1774e+00  
1560 0.0000e+00 0.0000e+00 0.0000e+00 -1.2364e+02 -4.8201e+00 9.2020e+00  
1074 0.0000e+00 0.0000e+00 0.0000e+00 -1.1337e+02 -7.9049e+00 3.2002e+00

1051 1072 0.0000e+00 0.0000e+00 0.0000e+00 -1.4186e+02 -5.1216e+01 2.8313e+00  
1558 0.0000e+00 0.0000e+00 0.0000e+00 -1.1983e+02 -5.0705e+01 5.9242e+00  
1559 0.0000e+00 0.0000e+00 0.0000e+00 -1.2915e+02 -2.3418e+01 5.5413e+00  
1073 0.0000e+00 0.0000e+00 0.0000e+00 -1.2684e+02 -2.2076e+01 2.4484e+00

1052 19 0.0000e+00 0.0000e+00 0.0000e+00 -1.3295e+02 -2.9532e+02 -7.5119e+01  
1307 0.0000e+00 0.0000e+00 0.0000e+00 -5.3797e+01 -1.0224e+01 -1.1451e+02  
1558 0.0000e+00 0.0000e+00 0.0000e+00 -9.0812e+01 -9.7415e+01 -1.6585e+01  
1072 0.0000e+00 0.0000e+00 0.0000e+00 -1.6850e+02 -2.4963e+01 2.2809e+01

1053 1551 0.0000e+00 0.0000e+00 0.0000e+00 2.5847e+01 9.4941e+01 2.4402e+01  
1557 0.0000e+00 0.0000e+00 0.0000e+00 1.2468e+02 -8.5214e+01 2.8759e+01  
26 0.0000e+00 0.0000e+00 0.0000e+00 2.4763e+02 2.8707e+02 2.4901e+01  
1277 0.0000e+00 0.0000e+00 0.0000e+00 -8.9080e+01 1.1529e+02 2.0545e+01

1054 1550 0.0000e+00 0.0000e+00 0.0000e+00 8.7048e+00 2.9033e+01 3.1837e+00  
1556 0.0000e+00 0.0000e+00 0.0000e+00 8.8383e+01 -6.6280e+01 1.1575e+01  
1557 0.0000e+00 0.0000e+00 0.0000e+00 1.1941e+02 1.6086e+02 1.3231e+01  
1551 0.0000e+00 0.0000e+00 0.0000e+00 -6.8624e+00 6.1953e+01 4.8401e+00

1055 1549 0.0000e+00 0.0000e+00 0.0000e+00 -6.0406e+00 4.2507e+00 9.6798e-02  
1555 0.0000e+00 0.0000e+00 0.0000e+00 7.1474e+01 -4.9148e+01 3.7304e+00  
1556 0.0000e+00 0.0000e+00 0.0000e+00 8.6773e+01 7.4424e+01 3.8669e+00  
1550 0.0000e+00 0.0000e+00 0.0000e+00 -1.4646e+01 2.0729e+01 2.3328e-01

1056 1548 0.0000e+00 0.0000e+00 0.0000e+00 -1.2812e+01 -3.7277e+00 -1.3671e+00  
1554 0.0000e+00 0.0000e+00 0.0000e+00 6.8259e+01 -1.6078e+01 -1.4101e+00  
1555 0.0000e+00 0.0000e+00 0.0000e+00 7.1149e+01 1.1210e+01 -2.0309e+00  
1549 0.0000e+00 0.0000e+00 0.0000e+00 -1.5780e+01 2.0729e-01 -1.9879e+00

1057 1547 0.0000e+00 0.0000e+00 0.0000e+00 -1.1433e+01 6.4994e+00 -2.8539e+00  
1553 0.0000e+00 0.0000e+00 0.0000e+00 7.7506e+01 3.5205e+01 -6.5584e+00  
1554 0.0000e+00 0.0000e+00 0.0000e+00 6.8770e+01 -3.2326e+01 -6.8516e+00  
1548 0.0000e+00 0.0000e+00 0.0000e+00 -9.5217e+00 -2.9830e+00 -3.1472e+00

1058 1546 0.0000e+00 0.0000e+00 0.0000e+00 2.9136e+00 4.2953e+01 -1.9503e+00  
1552 0.0000e+00 0.0000e+00 0.0000e+00 1.0117e+02 1.0697e+02 -1.2090e+01  
1553 0.0000e+00 0.0000e+00 0.0000e+00 7.8837e+01 -5.7280e+01 -1.3641e+01  
1547 0.0000e+00 0.0000e+00 0.0000e+00 6.5676e+00 1.0108e+01 -3.5012e+00

1059 1212 0.0000e+00 0.0000e+00 0.0000e+00 -7.1756e+01 1.2900e+02 1.3898e+01  
25 0.0000e+00 0.0000e+00 0.0000e+00 2.4394e+02 2.0888e+02 -2.4772e+00  
1552 0.0000e+00 0.0000e+00 0.0000e+00 1.0592e+02 -7.5024e+01 -3.1113e+01  
1546 0.0000e+00 0.0000e+00 0.0000e+00 3.6097e+01 6.7041e+01 -1.4738e+01

1060 1545 0.0000e+00 0.0000e+00 0.0000e+00 -1.2846e+02 6.1277e+01 -1.2656e+00  
1551 0.0000e+00 0.0000e+00 0.0000e+00 -4.3471e+01 8.5432e+01 -3.6713e+00  
1277 0.0000e+00 0.0000e+00 0.0000e+00 -4.9733e+01 8.8194e+01 1.8998e+01  
1266 0.0000e+00 0.0000e+00 0.0000e+00 -1.2663e+02 6.3125e+01 2.1403e+01

1061 1544 0.0000e+00 0.0000e+00 0.0000e+00 -1.1589e+02 2.9478e+01 -7.9766e+00  
1550 0.0000e+00 0.0000e+00 0.0000e+00 -4.6836e+01 3.6027e+01 -1.2273e+01  
1551 0.0000e+00 0.0000e+00 0.0000e+00 -5.4039e+01 3.8930e+01 -1.4073e+01  
1545 0.0000e+00 0.0000e+00 0.0000e+00 -1.1661e+02 4.9389e+01 -9.7771e+00

1062 1543 0.0000e+00 0.0000e+00 0.0000e+00 -1.0871e+02 8.6824e+00 -4.3658e+00  
1549 0.0000e+00 0.0000e+00 0.0000e+00 -5.0853e+01 5.7081e+00 -5.9225e+00  
1550 0.0000e+00 0.0000e+00 0.0000e+00 -5.0909e+01 8.5649e+00 -1.4084e+01  
1544 0.0000e+00 0.0000e+00 0.0000e+00 -1.1152e+02 2.3312e+01 -1.2527e+01

1063 1542 0.0000e+00 0.0000e+00 0.0000e+00 -1.0543e+02 1.8475e+00 2.6341e+00  
1548 0.0000e+00 0.0000e+00 0.0000e+00 -5.1217e+01 -6.6199e+00 1.1131e+00  
1549 0.0000e+00 0.0000e+00 0.0000e+00 -5.2275e+01 -5.8640e+00 -8.0874e+00  
1543 0.0000e+00 0.0000e+00 0.0000e+00 -1.0718e+02 5.6468e+00 -6.5664e+00

1064 1541 0.0000e+00 0.0000e+00 0.0000e+00 -1.0544e+02 1.2238e+01 9.7086e+00  
1547 0.0000e+00 0.0000e+00 0.0000e+00 -4.7329e+01 -1.5721e+00 8.4293e+00  
1548 0.0000e+00 0.0000e+00 0.0000e+00 -5.0093e+01 -4.1395e+00 -8.3599e-01  
1542 0.0000e+00 0.0000e+00 0.0000e+00 -1.0503e+02 2.1688e+00 4.4333e-01

1065 1540 0.0000e+00 0.0000e+00 0.0000e+00 -1.1052e+02 4.2362e+01 1.2701e+01  
1546 0.0000e+00 0.0000e+00 0.0000e+00 -4.6288e+01 2.5530e+01 1.5777e+01  
1547 0.0000e+00 0.0000e+00 0.0000e+00 -4.4123e+01 1.7272e+01 8.2401e+00

	1541	0.0000e+00	0.0000e+00	0.0000e+00	-1.0702e+02	1.6806e+01	5.1643e+00
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	-1.2724e+02	7.8261e+01	-1.4616e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-5.2712e+01	1.0546e+02	-2.8165e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	-3.6066e+01	6.9369e+01	1.4661e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	-1.2215e+02	5.8618e+01	2.8621e+00
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	-1.6674e+02	3.8356e+01	2.9646e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-1.3698e+02	4.8112e+01	4.2202e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	-1.3878e+02	5.0787e+01	1.6788e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	-1.6263e+02	3.3252e+01	1.5533e+01
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	-1.6108e+02	2.8636e+01	-1.9701e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-1.3110e+02	2.6188e+01	-7.8118e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-1.3934e+02	4.3359e+01	-4.9474e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-1.6361e+02	3.4692e+01	8.9428e-01
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	-1.5341e+02	1.4256e+01	2.0576e-01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	-1.2692e+02	8.4882e+00	-5.0398e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-1.3194e+02	2.0529e+01	-8.8553e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-1.5805e+02	2.3046e+01	-3.6097e+00
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	-1.4915e+02	6.8017e+00	4.0364e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	-1.2454e+02	1.4577e+00	1.3731e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	-1.2660e+02	4.7032e+00	-3.8871e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-1.5199e+02	1.0782e+01	-1.2239e+00
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	-1.5072e+02	1.1754e+01	4.6656e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	-1.2552e+02	9.8454e+00	6.3926e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	-1.2358e+02	2.1345e+00	3.1732e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	-1.4948e+02	7.2166e+00	1.4462e+00
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	-1.5863e+02	2.8822e+01	-3.1847e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	-1.3419e+02	3.6594e+01	4.9106e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	-1.2446e+02	1.5924e+01	7.9207e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	-1.5344e+02	1.7160e+01	-1.7455e-01
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	-1.6785e+02	4.7964e+01	-2.1746e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	-1.4361e+02	6.5680e+01	-1.3496e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	-1.3287e+02	4.7780e+01	-5.4450e-01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	-1.6339e+02	3.7373e+01	-8.7941e+00
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	-1.7103e+02	2.9401e+01	-3.6146e-01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-1.6742e+02	3.2489e+01	5.2188e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	-1.6531e+02	2.8509e+01	1.1157e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	-1.6287e+02	1.8704e+01	5.5765e+00
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	-1.6940e+02	2.7864e+01	1.9031e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-1.6556e+02	2.6222e+01	-5.0538e-01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-1.6919e+02	3.2778e+01	1.2292e-01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-1.7022e+02	2.9771e+01	2.5314e+00
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.6313e+02	1.6549e+01	5.5566e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-1.6032e+02	1.4378e+01	2.9331e-01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-1.6531e+02	2.2591e+01	-1.5084e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-1.6784e+02	2.4331e+01	3.7549e+00
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	-1.5805e+02	6.5750e+00	6.2143e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	-1.5642e+02	6.9649e+00	2.5574e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-1.5897e+02	1.0643e+01	1.7070e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.6224e+02	1.2879e+01	5.3638e+00
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	-1.5707e+02	4.4837e+00	9.2987e-01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	-1.5696e+02	1.0423e+01	1.2328e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	-1.5491e+02	6.0378e+00	4.2123e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	-1.5856e+02	5.5071e+00	3.9093e+00
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	-1.6150e+02	1.3304e+01	-1.1930e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	-1.6257e+02	2.5244e+01	-7.0193e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	-1.5610e+02	1.3239e+01	1.2350e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	-1.5892e+02	7.2548e+00	-3.6755e+00
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	-1.6900e+02	3.0529e+01	-2.7859e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-1.6918e+02	4.1690e+01	-2.1513e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	-1.6316e+02	3.0794e+01	-1.0765e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	-1.6333e+02	1.8615e+01	-1.7111e+01
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.5932e+02	3.5141e+01	-8.2811e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-1.6784e+02	2.8824e+01	1.6823e+00

	1244	0.0000e+00	0.0000e+00	0.0000e+00	-1.6332e+02	1.8693e+01	-1.2124e-01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-1.4549e+02	1.6293e+01	-1.0085e+01
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.5580e+02	3.2274e+01	6.8902e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-1.6864e+02	2.9287e+01	4.3717e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-1.6961e+02	3.1066e+01	-5.4890e-01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.5947e+02	3.8764e+01	1.9696e+00
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.4948e+02	1.7515e+01	1.2186e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.6248e+02	1.7659e+01	6.4419e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-1.6683e+02	2.5542e+01	4.9464e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.5571e+02	2.8934e+01	1.0690e+01
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.4522e+02	3.0593e+00	1.0057e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	-1.5669e+02	6.5374e+00	5.8035e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.6018e+02	1.3183e+01	7.9360e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.4956e+02	1.2030e+01	1.2189e+01
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.4143e+02	-7.8829e+00	1.8522e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	-1.5403e+02	3.0302e+00	-7.9082e-01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	-1.5444e+02	3.4784e+00	6.2053e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.4588e+02	-8.0002e-01	8.8482e+00
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.4037e+02	-8.7218e+00	-1.5741e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	-1.5538e+02	9.9749e+00	-1.5169e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	-1.5220e+02	2.4120e+00	-1.9848e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.4250e+02	-7.5203e+00	-2.5562e+00
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.5147e+02	1.6914e+01	-3.7295e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	-1.6052e+02	2.6296e+01	-2.9285e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	-1.5658e+02	1.4153e+01	-1.7164e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.4066e+02	-2.7848e+00	-2.5173e+01
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.3994e+02	8.3311e+01	-1.6500e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.6024e+02	4.2965e+01	-8.3817e-02
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-1.5294e+02	2.1473e+01	-1.9257e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-1.1700e+02	2.2760e+01	-3.5673e+01
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.2179e+02	4.3133e+01	2.1408e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.5587e+02	3.8948e+01	9.8491e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.5464e+02	4.1821e+01	-3.1294e-01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.4431e+02	5.9702e+01	1.1246e+01
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.2284e+02	1.6219e+01	1.5659e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.4380e+02	1.8076e+01	1.1804e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.4985e+02	3.1296e+01	1.4372e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.2389e+02	2.7578e+01	1.8227e+01
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.2560e+02	-3.4998e-01	1.1227e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.3953e+02	1.7106e+00	1.0227e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.4267e+02	1.3544e+01	1.3712e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.2429e+02	8.0385e+00	1.4711e+01
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.2637e+02	-1.5167e+01	6.9684e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.3427e+02	-9.9334e+00	4.3269e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.3842e+02	-1.9327e+00	9.1504e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.2708e+02	-7.1735e+00	1.1792e+01
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.0711e+02	-3.6819e+01	-7.0396e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.3116e+02	-1.1793e+01	-1.7063e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.2870e+02	-1.5107e+01	-1.4095e-01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.2804e+02	-2.6825e+01	9.8822e+00
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-1.3137e+02	6.2506e+00	-5.6504e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.3075e+02	1.1417e+01	-4.2267e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.2557e+02	-1.1084e+01	-1.8103e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.1032e+02	-5.8388e+01	-3.2340e+01
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	-2.1074e+01	3.9927e+01	3.7203e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.4093e+02	1.2592e+02	-1.4698e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-1.8129e+02	4.4613e+01	-9.7754e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	-5.1955e+01	3.3968e+02	-5.9082e+01
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	-7.5687e+01	2.8414e+01	7.6257e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.0295e+02	3.6127e+01	1.5337e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.1174e+02	7.3951e+01	2.3156e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-5.2685e+01	6.4685e+01	1.5445e+01
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	-9.4360e+01	9.3644e+00	4.1141e+00

	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.1122e+02	1.1587e+01	1.2276e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.0737e+02	3.3162e+01	1.7209e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-8.3175e+01	2.4674e+01	9.0465e+00
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	-1.0779e+02	-4.9989e+00	1.8598e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.1987e+02	-3.5921e+00	8.8513e+00
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.1541e+02	1.1307e+01	1.1969e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-9.9371e+01	5.9451e+00	4.9770e+00
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.2081e+02	-2.0319e+01	1.1882e-01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.2702e+02	-1.9890e+01	6.6392e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.2354e+02	-3.6204e+00	8.5727e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-1.1228e+02	-7.3903e+00	2.0523e+00
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	-1.4099e+02	-5.1443e+01	-1.0016e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.2494e+02	-4.9660e+01	3.9350e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.3041e+02	-2.1032e+01	4.7109e+00
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.2643e+02	-2.0934e+01	-2.2566e-01
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-1.5728e+02	-3.0040e+02	-8.1279e+01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-5.1566e+01	-1.4680e+01	-1.1347e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-9.8466e+01	-9.6883e+01	-1.8047e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-1.6968e+02	-1.8359e+01	1.4141e+01
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	2.8299e+00	4.4573e+01	3.3437e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	2.9446e+01	-9.0107e+01	2.1306e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	1.1852e+02	1.6408e+02	7.1364e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-1.0858e+02	6.0164e+01	1.9267e+01
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	-1.0049e+01	-1.5040e+01	1.8178e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	2.1641e+01	-9.3012e+01	1.8932e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	3.2071e+01	8.3662e+01	1.6458e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-1.9091e+01	1.1063e+01	1.5704e+01
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	-2.1257e+01	-4.0729e+01	2.0475e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	1.5897e+01	-9.6982e+01	2.0304e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	2.4434e+01	2.4247e+01	1.7945e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-3.0108e+01	-2.6882e+01	1.8116e+01
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	-2.8268e+01	-5.5942e+01	2.3261e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	1.3243e+01	-8.9244e+01	2.2907e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	1.7450e+01	-2.2762e+01	1.9526e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-3.3128e+01	-4.8723e+01	1.9880e+01
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	-3.2100e+01	-6.0655e+01	2.6898e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	1.4937e+01	-7.0300e+01	2.5969e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	1.4251e+01	-5.8410e+01	2.2146e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	-3.3126e+01	-5.9754e+01	2.3075e+01
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	-3.2886e+01	-5.4639e+01	3.0246e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	2.1741e+01	-3.9220e+01	2.8564e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	1.5606e+01	-8.3550e+01	2.5001e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	-2.9849e+01	-6.0395e+01	2.6683e+01
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	-3.0518e+01	-3.7095e+01	3.2285e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	3.4333e+01	5.6353e+00	2.9681e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	2.2165e+01	-9.8788e+01	2.7046e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	-2.3146e+01	-5.0336e+01	2.9650e+01
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	-2.4186e+01	-6.2472e+00	3.2323e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	5.3783e+01	6.6523e+01	2.8281e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	3.4620e+01	-1.0432e+02	2.7074e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	-1.2469e+01	-2.8933e+01	3.1116e+01
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	-9.8574e+00	4.5597e+01	3.2591e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	8.3080e+01	1.4582e+02	2.4635e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	5.4195e+01	-9.9021e+01	2.3298e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	4.3726e+00	4.1046e+00	3.1254e+01
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	-8.1965e+01	1.3874e+02	4.2910e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	2.1493e+02	2.5165e+02	3.3242e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	8.5650e+01	-9.0764e+01	8.9250e+00
	1497	0.0000e+00	0.0000e+00	0.0000e+00	2.9505e+01	7.4952e+01	1.8593e+01
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	-5.2183e+01	3.8091e+01	4.6179e+00
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-3.0135e+01	1.9839e+01	1.2087e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	4.1820e+01	7.1740e+01	9.5067e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-1.1038e+02	5.9091e+01	2.0375e+00

1113 1494 0.0000e+00 0.0000e+00 0.0000e+00 -6.5137e+01 -1.3440e+01 -8.0882e-01  
1504 0.0000e+00 0.0000e+00 0.0000e+00 -3.7089e+01 -1.0278e+01 4.1477e+00  
1505 0.0000e+00 0.0000e+00 0.0000e+00 -4.2311e+01 3.4585e+00 3.3860e-02  
1495 0.0000e+00 0.0000e+00 0.0000e+00 -5.0784e+01 1.5554e+01 -4.9227e+00

1114 1493 0.0000e+00 0.0000e+00 0.0000e+00 -7.1290e+01 -3.5990e+01 7.8277e+00  
1503 0.0000e+00 0.0000e+00 0.0000e+00 -4.5879e+01 -3.9561e+01 1.2075e+01  
1504 0.0000e+00 0.0000e+00 0.0000e+00 -4.2017e+01 -3.0769e+01 5.0166e+00  
1494 0.0000e+00 0.0000e+00 0.0000e+00 -6.7327e+01 -1.9012e+01 7.6891e-01

1115 1492 0.0000e+00 0.0000e+00 0.0000e+00 -7.6095e+01 -4.9312e+01 1.6884e+01  
1502 0.0000e+00 0.0000e+00 0.0000e+00 -5.0941e+01 -5.5675e+01 1.9639e+01  
1503 0.0000e+00 0.0000e+00 0.0000e+00 -4.9196e+01 -5.0848e+01 1.1790e+01  
1493 0.0000e+00 0.0000e+00 0.0000e+00 -7.2765e+01 -4.0168e+01 9.0353e+00

1116 1491 0.0000e+00 0.0000e+00 0.0000e+00 -7.9191e+01 -5.2984e+01 2.6514e+01  
1501 0.0000e+00 0.0000e+00 0.0000e+00 -5.3202e+01 -6.2058e+01 2.8017e+01  
1502 0.0000e+00 0.0000e+00 0.0000e+00 -5.2446e+01 -6.0059e+01 1.9789e+01  
1492 0.0000e+00 0.0000e+00 0.0000e+00 -7.7177e+01 -5.1265e+01 1.8285e+01

1117 1490 0.0000e+00 0.0000e+00 0.0000e+00 -8.1409e+01 -4.7038e+01 3.5592e+01  
1500 0.0000e+00 0.0000e+00 0.0000e+00 -5.2926e+01 -5.8414e+01 3.6254e+01  
1501 0.0000e+00 0.0000e+00 0.0000e+00 -5.3019e+01 -5.9021e+01 2.8207e+01  
1491 0.0000e+00 0.0000e+00 0.0000e+00 -8.0096e+01 -5.2921e+01 2.7544e+01

1118 1489 0.0000e+00 0.0000e+00 0.0000e+00 -8.3747e+01 -3.0478e+01 4.3214e+01  
1499 0.0000e+00 0.0000e+00 0.0000e+00 -5.0428e+01 -4.4102e+01 4.3567e+01  
1500 0.0000e+00 0.0000e+00 0.0000e+00 -5.1140e+01 -4.7315e+01 3.6156e+01  
1490 0.0000e+00 0.0000e+00 0.0000e+00 -8.2386e+01 -4.4847e+01 3.5803e+01

1119 1488 0.0000e+00 0.0000e+00 0.0000e+00 -8.8556e+01 -1.4540e+00 4.8461e+01  
1498 0.0000e+00 0.0000e+00 0.0000e+00 -4.5867e+01 -1.7766e+01 4.9589e+01  
1499 0.0000e+00 0.0000e+00 0.0000e+00 -4.7166e+01 -2.3840e+01 4.2973e+01  
1489 0.0000e+00 0.0000e+00 0.0000e+00 -8.5179e+01 -2.5787e+01 4.1845e+01

1120 1487 0.0000e+00 0.0000e+00 0.0000e+00 -9.8058e+01 4.1871e+01 4.7860e+01  
1497 0.0000e+00 0.0000e+00 0.0000e+00 -4.6007e+01 2.5492e+01 5.3682e+01  
1498 0.0000e+00 0.0000e+00 0.0000e+00 -4.1394e+01 1.4748e+01 4.9851e+01  
1488 0.0000e+00 0.0000e+00 0.0000e+00 -9.1947e+01 6.6867e+00 4.4029e+01

1121 1426 0.0000e+00 0.0000e+00 0.0000e+00 -1.1816e+02 8.5277e+01 1.6802e+01  
1437 0.0000e+00 0.0000e+00 0.0000e+00 -5.3337e+01 1.1385e+02 3.0427e+01  
1497 0.0000e+00 0.0000e+00 0.0000e+00 -3.5494e+01 7.7657e+01 5.1654e+01  
1487 0.0000e+00 0.0000e+00 0.0000e+00 -1.1091e+02 6.0142e+01 3.8029e+01

1122 1485 0.0000e+00 0.0000e+00 0.0000e+00 -7.4958e+01 3.5550e+01 -8.2603e+00  
1495 0.0000e+00 0.0000e+00 0.0000e+00 -6.4908e+01 1.9410e+01 -2.3734e-01  
1496 0.0000e+00 0.0000e+00 0.0000e+00 -1.2156e+01 6.6265e+01 -2.4729e+00  
1486 0.0000e+00 0.0000e+00 0.0000e+00 -1.1293e+02 5.4980e+01 -1.0496e+01

1123 1484 0.0000e+00 0.0000e+00 0.0000e+00 -8.4671e+01 -5.0914e+00 -8.0308e+00  
1494 0.0000e+00 0.0000e+00 0.0000e+00 -7.2186e+01 -1.0572e+01 -4.4618e+00  
1495 0.0000e+00 0.0000e+00 0.0000e+00 -7.4725e+01 1.4139e+01 -9.2062e+00  
1485 0.0000e+00 0.0000e+00 0.0000e+00 -7.5557e+01 1.8961e+01 -1.2775e+01

1124 1483 0.0000e+00 0.0000e+00 0.0000e+00 -8.9364e+01 -2.5821e+01 2.1409e+00  
1493 0.0000e+00 0.0000e+00 0.0000e+00 -7.9899e+01 -3.4510e+01 5.2196e+00  
1494 0.0000e+00 0.0000e+00 0.0000e+00 -7.6057e+01 -1.7667e+01 -2.1588e+00  
1484 0.0000e+00 0.0000e+00 0.0000e+00 -8.7535e+01 -1.0334e+01 -5.2375e+00

1125 1482 0.0000e+00 0.0000e+00 0.0000e+00 -9.3717e+01 -3.8880e+01 1.2424e+01  
1492 0.0000e+00 0.0000e+00 0.0000e+00 -8.5104e+01 -4.7552e+01 1.5003e+01  
1493 0.0000e+00 0.0000e+00 0.0000e+00 -8.2598e+01 -3.8280e+01 7.1127e+00  
1483 0.0000e+00 0.0000e+00 0.0000e+00 -9.1473e+01 -2.9819e+01 4.5337e+00

1126 1481 0.0000e+00 0.0000e+00 0.0000e+00 -9.7959e+01 -4.3373e+01 2.2352e+01  
1491 0.0000e+00 0.0000e+00 0.0000e+00 -8.8992e+01 -5.1680e+01 2.4988e+01  
1492 0.0000e+00 0.0000e+00 0.0000e+00 -8.6628e+01 -4.8970e+01 1.7336e+01  
1482 0.0000e+00 0.0000e+00 0.0000e+00 -9.5467e+01 -4.0662e+01 1.4700e+01

1127 1480 0.0000e+00 0.0000e+00 0.0000e+00 -1.0290e+02 -3.9584e+01 3.0744e+01  
1490 0.0000e+00 0.0000e+00 0.0000e+00 -9.2430e+01 -4.6647e+01 3.4060e+01  
1491 0.0000e+00 0.0000e+00 0.0000e+00 -8.9676e+01 -5.0548e+01 2.7345e+01  
1481 0.0000e+00 0.0000e+00 0.0000e+00 -9.9548e+01 -4.3030e+01 2.4029e+01

1128 1479 0.0000e+00 0.0000e+00 0.0000e+00 -1.0971e+02 -2.7039e+01 3.6071e+01  
1489 0.0000e+00 0.0000e+00 0.0000e+00 -9.6627e+01 -3.1640e+01 4.1026e+01  
1490 0.0000e+00 0.0000e+00 0.0000e+00 -9.2495e+01 -4.2681e+01 3.6204e+01

	1480	0.0000e+00	0.0000e+00	0.0000e+00	-1.0471e+02	-3.6810e+01	3.1248e+01
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	-1.2034e+02	-5.0143e+00	3.5878e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	-1.0359e+02	-4.9469e+00	4.4122e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	-9.6381e+01	-2.4246e+01	4.2745e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	-1.1237e+02	-2.1188e+01	3.4500e+01
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	-1.3555e+02	2.4560e+01	2.6019e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	-1.1741e+02	3.4866e+01	3.9403e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	-1.0341e+02	6.1983e+00	4.4886e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	-1.2490e+02	4.5984e+00	3.1502e+01
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	-1.5036e+02	5.1397e+01	5.1181e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	-1.3113e+02	7.1411e+01	1.7411e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	-1.1711e+02	4.9377e+01	3.2867e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	-1.4173e+02	3.5829e+01	2.0574e+01
1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	-8.8243e+01	3.7831e+01	-1.8855e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	-8.3115e+01	2.5380e+01	-1.2467e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	-4.9377e+01	5.8719e+01	-1.4851e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	-1.1021e+02	5.1445e+01	-2.1239e+01
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	-9.2679e+01	5.5565e+00	-1.2909e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-8.9244e+01	-7.0517e-01	-1.1283e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	-9.0816e+01	1.8677e+01	-1.7580e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	-8.8113e+01	2.6089e+01	-1.9206e+01
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	-9.4254e+01	-1.4539e+01	-1.6189e+00
	1483	0.0000e+00	0.0000e+00	0.0000e+00	-9.4415e+01	-2.2382e+01	-4.5297e-01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-9.2101e+01	-8.3375e+00	-8.1973e+00
	1474	0.0000e+00	0.0000e+00	0.0000e+00	-9.4419e+01	6.3624e-01	-9.3632e+00
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	-9.6863e+01	-2.8074e+01	8.5194e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	-9.8357e+01	-3.5578e+01	1.0176e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	-9.6370e+01	-2.7220e+01	2.7153e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	-9.5798e+01	-1.8523e+01	1.0584e+00
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	-1.0073e+02	-3.4044e+01	1.7533e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	-1.0250e+02	-4.0776e+01	2.0252e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	-9.9697e+01	-3.7782e+01	1.3594e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	-9.8521e+01	-3.0057e+01	1.0875e+01
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	-1.0594e+02	-3.3299e+01	2.4477e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	-1.0750e+02	-3.7979e+01	2.8470e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	-1.0343e+02	-4.0396e+01	2.3393e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	-1.0266e+02	-3.4052e+01	1.9400e+01
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	-1.1263e+02	-2.6479e+01	2.7336e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	-1.1423e+02	-2.6889e+01	3.2975e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	-1.0805e+02	-3.5155e+01	3.0969e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	-1.0842e+02	-3.1209e+01	2.5330e+01
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	-1.2156e+02	-1.3334e+01	2.3038e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	-1.2400e+02	-6.9059e+00	3.1203e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	-1.1457e+02	-2.1564e+01	3.4336e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	-1.1595e+02	-2.1938e+01	2.6170e+01
1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	-1.3406e+02	7.0915e+00	9.9154e+00
	1477	0.0000e+00	0.0000e+00	0.0000e+00	-1.3713e+02	2.0186e+01	2.1156e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	-1.2480e+02	8.3414e-01	3.0370e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	-1.2568e+02	-6.0790e+00	1.9130e+01
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	-1.4788e+02	3.1716e+01	-6.9449e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-1.4991e+02	4.4253e+01	4.3692e+00
	1477	0.0000e+00	0.0000e+00	0.0000e+00	-1.3924e+02	2.9159e+01	1.6429e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	-1.3770e+02	1.5510e+01	5.1149e+00
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	-9.4342e+01	4.6757e+01	-2.4830e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	-9.3392e+01	3.3909e+01	-2.0270e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	-7.3776e+01	5.4162e+01	-2.5981e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	-1.0556e+02	5.3713e+01	-3.0540e+01
1143	1464	0.0000e+00	0.0000e+00	0.0000e+00	-9.1980e+01	1.7675e+01	-1.2168e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	-9.5537e+01	1.1128e+01	-1.4508e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	-9.7973e+01	2.7078e+01	-2.2622e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-9.3854e+01	3.8150e+01	-2.0283e+01
1144	1463	0.0000e+00	0.0000e+00	0.0000e+00	-8.9930e+01	-3.8921e+00	-1.9582e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	-9.6345e+01	-1.0264e+01	-3.5768e+00

1474 0.0000e+00 0.0000e+00 0.0000e+00 -9.6432e+01 3.1294e+00 -1.0625e+01  
1464 0.0000e+00 0.0000e+00 0.0000e+00 -9.2825e+01 1.2063e+01 -9.0064e+00

1145 1462 0.0000e+00 0.0000e+00 0.0000e+00 -9.1076e+01 -1.8462e+01 5.8419e+00  
1472 0.0000e+00 0.0000e+00 0.0000e+00 -9.8078e+01 -2.4434e+01 6.3338e+00  
1473 0.0000e+00 0.0000e+00 0.0000e+00 -9.7252e+01 -1.5623e+01 3.5505e-01  
1463 0.0000e+00 0.0000e+00 0.0000e+00 -9.0996e+01 -8.6128e+00 -1.3685e-01

1146 1461 0.0000e+00 0.0000e+00 0.0000e+00 -9.4526e+01 -2.5848e+01 1.2884e+01  
1471 0.0000e+00 0.0000e+00 0.0000e+00 -1.0160e+02 -3.1101e+01 1.5290e+01  
1472 0.0000e+00 0.0000e+00 0.0000e+00 -9.9168e+01 -2.7075e+01 1.0077e+01  
1462 0.0000e+00 0.0000e+00 0.0000e+00 -9.2527e+01 -2.1007e+01 7.6708e+00

1147 1460 0.0000e+00 0.0000e+00 0.0000e+00 -9.9459e+01 -2.7919e+01 1.8488e+01  
1470 0.0000e+00 0.0000e+00 0.0000e+00 -1.0650e+02 -3.1201e+01 2.2226e+01  
1471 0.0000e+00 0.0000e+00 0.0000e+00 -1.0264e+02 -3.1569e+01 1.8421e+01  
1461 0.0000e+00 0.0000e+00 0.0000e+00 -9.6433e+01 -2.6588e+01 1.4683e+01

1148 1459 0.0000e+00 0.0000e+00 0.0000e+00 -1.0459e+02 -2.6870e+01 2.0690e+01  
1469 0.0000e+00 0.0000e+00 0.0000e+00 -1.1228e+02 -2.5621e+01 2.4989e+01  
1470 0.0000e+00 0.0000e+00 0.0000e+00 -1.0710e+02 -3.0200e+01 2.4237e+01  
1460 0.0000e+00 0.0000e+00 0.0000e+00 -1.0185e+02 -2.7317e+01 1.9938e+01

1149 1458 0.0000e+00 0.0000e+00 0.0000e+00 -1.0833e+02 -2.4679e+01 1.5607e+01  
1468 0.0000e+00 0.0000e+00 0.0000e+00 -1.1896e+02 -1.4320e+01 1.9830e+01  
1469 0.0000e+00 0.0000e+00 0.0000e+00 -1.1202e+02 -2.3848e+01 2.5185e+01  
1459 0.0000e+00 0.0000e+00 0.0000e+00 -1.0749e+02 -2.5118e+01 2.0963e+01

1150 1457 0.0000e+00 0.0000e+00 0.0000e+00 -1.1381e+02 -1.5221e+01 -9.4438e-01  
1467 0.0000e+00 0.0000e+00 0.0000e+00 -1.2777e+02 3.7799e+00 5.3525e+00  
1468 0.0000e+00 0.0000e+00 0.0000e+00 -1.1869e+02 -1.1159e+01 1.8151e+01  
1458 0.0000e+00 0.0000e+00 0.0000e+00 -1.1129e+02 -1.9949e+01 1.1854e+01

1151 1393 0.0000e+00 0.0000e+00 0.0000e+00 -1.3024e+02 1.7364e+01 -2.2202e+01  
1404 0.0000e+00 0.0000e+00 0.0000e+00 -1.3926e+02 2.7268e+01 -9.5197e+00  
1467 0.0000e+00 0.0000e+00 0.0000e+00 -1.3053e+02 1.0762e+01 2.7295e+00  
1457 0.0000e+00 0.0000e+00 0.0000e+00 -1.1561e+02 -5.9327e+00 -9.9530e+00

1152 1455 0.0000e+00 0.0000e+00 0.0000e+00 -9.2242e+01 7.1104e+01 -2.2840e+01  
1465 0.0000e+00 0.0000e+00 0.0000e+00 -1.0018e+02 5.0185e+01 -2.1316e+01  
1466 0.0000e+00 0.0000e+00 0.0000e+00 -9.1043e+01 5.8102e+01 -3.7256e+01  
1456 0.0000e+00 0.0000e+00 0.0000e+00 -9.8571e+01 7.1795e+01 -3.8780e+01

1153 1454 0.0000e+00 0.0000e+00 0.0000e+00 -8.1778e+01 2.9347e+01 -3.8453e+00  
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1455 0.0000e+00 0.0000e+00 0.0000e+00 -9.4040e+01 5.2815e+01 -1.2173e+01

1154 1453 0.0000e+00 0.0000e+00 0.0000e+00 -8.0020e+01 3.4678e+00 -8.9460e-01  
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1454 0.0000e+00 0.0000e+00 0.0000e+00 -8.2482e+01 1.8655e+01 -4.5488e+00

1155 1452 0.0000e+00 0.0000e+00 0.0000e+00 -8.1524e+01 -1.1485e+01 3.2236e+00  
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1453 0.0000e+00 0.0000e+00 0.0000e+00 -8.0865e+01 -2.1608e+00 -3.7964e-01

1156 1451 0.0000e+00 0.0000e+00 0.0000e+00 -8.5422e+01 -1.9371e+01 8.0098e+00  
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1462 0.0000e+00 0.0000e+00 0.0000e+00 -9.1215e+01 -1.8215e+01 6.9461e+00  
1452 0.0000e+00 0.0000e+00 0.0000e+00 -8.2918e+01 -1.4289e+01 4.3578e+00

1157 1450 0.0000e+00 0.0000e+00 0.0000e+00 -9.1046e+01 -2.2828e+01 1.2534e+01  
1460 0.0000e+00 0.0000e+00 0.0000e+00 -9.8477e+01 -2.6046e+01 1.6490e+01  
1461 0.0000e+00 0.0000e+00 0.0000e+00 -9.4901e+01 -2.4115e+01 1.3354e+01  
1451 0.0000e+00 0.0000e+00 0.0000e+00 -8.7335e+01 -2.0523e+01 9.3985e+00

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1450 0.0000e+00 0.0000e+00 0.0000e+00 -9.3369e+01 -2.3477e+01 1.4109e+01

1159 1448 0.0000e+00 0.0000e+00 0.0000e+00 -1.0052e+02 -2.9170e+01 1.6101e+01  
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1459 0.0000e+00 0.0000e+00 0.0000e+00 -1.0291e+02 -2.6575e+01 1.8977e+01  
1449 0.0000e+00 0.0000e+00 0.0000e+00 -9.9604e+01 -2.6574e+01 1.7898e+01

1160 1447 0.0000e+00 0.0000e+00 0.0000e+00 -8.3993e+01 -4.4263e+01 3.0892e+00



1457 0.0000e+00 0.0000e+00 0.0000e+00 -1.0552e+02 -1.7629e+01 -3.7374e+00  
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1447 0.0000e+00 0.0000e+00 0.0000e+00 -8.7292e+01 -5.9402e+01 -2.2259e+01

1162 782 0.0000e+00 0.0000e+00 0.0000e+00 -5.3700e+01 5.4641e+01 6.1202e+00  
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1456 0.0000e+00 0.0000e+00 0.0000e+00 -1.1905e+02 8.2408e+01 -5.8549e+01  
22 0.0000e+00 0.0000e+00 0.0000e+00 -7.4283e+01 2.0488e+02 -3.4437e+01

1163 781 0.0000e+00 0.0000e+00 0.0000e+00 -6.7833e+01 2.7652e+01 -4.1784e+00  
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1455 0.0000e+00 0.0000e+00 0.0000e+00 -8.3602e+01 5.9086e+01 -6.3585e+00  
782 0.0000e+00 0.0000e+00 0.0000e+00 -6.4988e+01 5.8755e+01 -3.6407e+00

1164 780 0.0000e+00 0.0000e+00 0.0000e+00 -7.0510e+01 5.9231e+00 -2.9552e+00  
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1454 0.0000e+00 0.0000e+00 0.0000e+00 -7.7480e+01 2.1741e+01 -4.1417e+00  
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778 0.0000e+00 0.0000e+00 0.0000e+00 -7.9530e+01 -1.5930e+01 3.0945e+00

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1450 0.0000e+00 0.0000e+00 0.0000e+00 -9.2388e+01 -2.1006e+01 1.1805e+01  
777 0.0000e+00 0.0000e+00 0.0000e+00 -8.6525e+01 -1.9330e+01 5.5819e+00

1169 775 0.0000e+00 0.0000e+00 0.0000e+00 -1.0485e+02 -2.9538e+01 8.8998e+00  
1448 0.0000e+00 0.0000e+00 0.0000e+00 -1.0521e+02 -3.2143e+01 1.6074e+01  
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774 0.0000e+00 0.0000e+00 0.0000e+00 -1.5435e+02 -3.0035e+01 3.2292e+01

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1446 0.0000e+00 0.0000e+00 0.0000e+00 9.9162e+01 -9.5878e+01 1.8790e+01  
32 0.0000e+00 0.0000e+00 0.0000e+00 2.3497e+02 3.5883e+02 1.6786e+01  
1437 0.0000e+00 0.0000e+00 0.0000e+00 -1.0395e+02 1.5017e+02 1.2804e+01

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1436 0.0000e+00 0.0000e+00 0.0000e+00 -2.5996e+01 7.3737e+01 -6.1790e+00

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1444 0.0000e+00 0.0000e+00 0.0000e+00 2.4017e+01 -1.1965e+02 6.9304e-01  
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1435 0.0000e+00 0.0000e+00 0.0000e+00 -4.0220e+01 1.2102e+01 -9.0454e+00

1175 1433 0.0000e+00 0.0000e+00 0.0000e+00 -3.6418e+01 -4.9979e+01 8.1174e-01  
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1444 0.0000e+00 0.0000e+00 0.0000e+00 2.6095e+01 2.7892e+01 -2.3941e+00  
1434 0.0000e+00 0.0000e+00 0.0000e+00 -4.9096e+01 -3.1093e+01 -5.3690e+00

1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	-4.4983e+01	-6.9452e+01	9.5019e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	1.1893e+00	-1.1082e+02	9.7500e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	9.4120e+00	-3.2606e+01	2.3626e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-5.2703e+01	-5.9388e+01	2.1145e+00
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	-4.8146e+01	-7.5398e+01	1.8489e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	4.1761e+00	-8.7127e+01	1.6445e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	2.8595e+00	-7.6683e+01	9.0235e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	-5.0971e+01	-7.3762e+01	1.1067e+01
1178	1430	0.0000e+00	0.0000e+00	0.0000e+00	-4.6311e+01	-6.7382e+01	2.6175e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	1.6032e+01	-4.7905e+01	2.2025e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	5.2915e+00	-1.0667e+02	1.5591e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	-4.3978e+01	-7.4494e+01	1.9740e+01
1179	1429	0.0000e+00	0.0000e+00	0.0000e+00	-3.9222e+01	-4.3762e+01	3.1368e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	3.7698e+01	9.9494e+00	2.4780e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	1.6487e+01	-1.2397e+02	2.0142e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	-3.1358e+01	-6.1099e+01	2.6730e+01
1180	1428	0.0000e+00	0.0000e+00	0.0000e+00	-2.2286e+01	2.3846e+00	3.5671e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	7.2380e+01	9.0417e+01	2.4031e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	3.7606e+01	-1.2857e+02	2.0284e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	-1.1099e+01	-3.3139e+01	3.1925e+01
1181	1427	0.0000e+00	0.0000e+00	0.0000e+00	-8.0906e+01	1.0116e+02	5.2886e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	2.1178e+02	2.0089e+02	3.5269e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	7.2664e+01	-1.2561e+02	7.4426e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	2.2515e+01	2.9053e+01	2.5060e+01
1182	1425	0.0000e+00	0.0000e+00	0.0000e+00	-1.2542e+02	8.1739e+01	-2.1027e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-4.4828e+01	1.1070e+02	-2.2856e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	-5.1557e+01	1.1720e+02	4.2085e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	-1.2240e+02	9.2730e+01	6.0369e+00
1183	1424	0.0000e+00	0.0000e+00	0.0000e+00	-1.1307e+02	3.0323e+01	-2.9104e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-5.3305e+01	4.2546e+01	-3.1573e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-6.0987e+01	4.8460e+01	-3.3601e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-1.1039e+02	6.4687e+01	-3.1132e+01
1184	1423	0.0000e+00	0.0000e+00	0.0000e+00	-1.0715e+02	-1.0115e+01	-2.2191e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-6.2884e+01	-8.7756e+00	-2.1876e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-6.1841e+01	-1.7484e+00	-3.2318e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-1.0756e+02	2.0205e+01	-3.2634e+01
1185	1422	0.0000e+00	0.0000e+00	0.0000e+00	-1.0480e+02	-3.9624e+01	-9.0583e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-6.9439e+01	-4.4434e+01	-8.7354e+00
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-6.8596e+01	-3.8499e+01	-2.1676e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-1.0499e+02	-1.7764e+01	-2.1999e+01
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	-1.0333e+02	-5.7161e+01	6.5065e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	-7.2444e+01	-6.6444e+01	6.1643e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-7.2575e+01	-6.2434e+01	-7.5066e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-1.0389e+02	-4.4730e+01	-7.1644e+00
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	-1.0202e+02	-6.2595e+01	2.2365e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	-7.1929e+01	-7.5381e+01	2.1241e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	-7.3193e+01	-7.3654e+01	7.7559e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	-1.0303e+02	-5.9821e+01	8.8796e+00
1188	1419	0.0000e+00	0.0000e+00	0.0000e+00	-1.0099e+02	-5.5194e+01	3.7054e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	-6.8066e+01	-7.1079e+01	3.5321e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	-7.0394e+01	-7.1917e+01	2.2617e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	-1.0217e+02	-6.2725e+01	2.4350e+01
1189	1418	0.0000e+00	0.0000e+00	0.0000e+00	-1.0188e+02	-3.2854e+01	4.9419e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	-6.0821e+01	-5.2314e+01	4.7770e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	-6.4337e+01	-5.6162e+01	3.6023e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	-1.0171e+02	-5.2433e+01	3.7672e+01
1190	1417	0.0000e+00	0.0000e+00	0.0000e+00	-1.0611e+02	8.0463e+00	5.6854e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	-5.6681e+01	-1.4597e+01	5.8539e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	-5.5159e+01	-2.2952e+01	4.8869e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	-1.0421e+02	-2.6506e+01	4.7183e+01
1191	1416	0.0000e+00	0.0000e+00	0.0000e+00	-1.2746e+02	5.6128e+01	3.3702e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-5.8161e+01	7.5216e+01	4.5055e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	-4.3978e+01	3.5965e+01	5.8948e+01

	1417	0.0000e+00	0.0000e+00	0.0000e+00	-1.1864e+02	2.7627e+01	4.7595e+01
1192	1414	0.0000e+00	0.0000e+00	0.0000e+00	-1.5583e+02	5.6596e+01	-1.5743e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-1.2960e+02	6.7927e+01	-1.5587e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	-1.3144e+02	7.8504e+01	9.9201e-01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-1.5367e+02	5.7107e+01	8.3601e-01
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	-1.4639e+02	3.2335e+01	-2.1580e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-1.2304e+02	2.8967e+01	-2.9325e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-1.3415e+02	5.8018e+01	-2.6233e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-1.5097e+02	4.8546e+01	-1.8488e+01
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	-1.3549e+02	1.0482e+00	-1.6297e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-1.1846e+02	-7.5449e+00	-2.3210e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-1.2540e+02	1.8098e+01	-2.9304e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-1.4255e+02	2.1535e+01	-2.2391e+01
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	-1.2796e+02	-2.5148e+01	-5.2838e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-1.1551e+02	-3.5911e+01	-1.0096e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-1.1971e+02	-1.7063e+01	-2.0088e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-1.3351e+02	-8.1014e+00	-1.5276e+01
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	-1.2403e+02	-4.2084e+01	8.2326e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	-1.1380e+02	-5.3574e+01	5.5467e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-1.1608e+02	-4.2320e+01	-5.7860e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-1.2720e+02	-3.1439e+01	-3.1002e+00
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	-1.2324e+02	-4.8831e+01	2.2128e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	-1.1310e+02	-5.9824e+01	2.1379e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	-1.1381e+02	-5.6540e+01	1.0131e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	-1.2405e+02	-4.5330e+01	1.0880e+01
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	-1.2564e+02	-4.4870e+01	3.4137e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	-1.1375e+02	-5.3942e+01	3.5570e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	-1.1253e+02	-5.9223e+01	2.5748e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	-1.2397e+02	-4.8905e+01	2.4315e+01
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	-1.3277e+02	-2.9005e+01	4.1153e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	-1.1739e+02	-3.4034e+01	4.6079e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	-1.1273e+02	-4.9242e+01	3.9454e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	-1.2745e+02	-4.1193e+01	3.4528e+01
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	-1.4609e+02	-1.4871e+00	3.8124e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	-1.2923e+02	2.8661e+00	4.9111e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	-1.1629e+02	-2.4347e+01	4.9307e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	-1.3676e+02	-2.0379e+01	3.8320e+01
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	-1.6367e+02	2.8594e+01	2.1238e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-1.4077e+02	4.4082e+01	3.3111e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	-1.2738e+02	1.9411e+01	4.4798e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	-1.5301e+02	1.1829e+01	3.2925e+01
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	-1.5452e+02	4.5529e+01	-1.5971e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-1.5391e+02	5.0315e+01	-1.2689e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-1.5248e+02	5.0826e+01	-4.2922e+00
	1404	0.0000e+00	0.0000e+00	0.0000e+00	-1.4929e+02	3.9036e+01	-7.5744e+00
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	-1.4787e+02	3.2800e+01	-1.4087e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-1.4804e+02	3.1484e+01	-2.0145e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-1.5622e+02	4.5859e+01	-1.9032e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-1.5196e+02	4.2346e+01	-1.2974e+01
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	-1.3698e+02	8.3953e+00	-8.0621e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-1.3892e+02	3.5928e+00	-1.6416e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-1.4816e+02	2.1562e+01	-2.0168e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-1.4467e+02	2.4166e+01	-1.1814e+01
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	-1.2870e+02	-1.4237e+01	-8.9000e-03
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-1.3170e+02	-2.1369e+01	-6.2451e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-1.3852e+02	-6.0759e+00	-1.2807e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-1.3451e+02	-2.5530e-01	-6.5705e+00
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	-1.2471e+02	-2.9737e+01	1.0005e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	-1.2798e+02	-3.8165e+01	6.9035e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-1.3153e+02	-2.8101e+01	-1.2176e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-1.2745e+02	-2.0497e+01	1.8841e+00
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	-1.2459e+02	-3.7354e+01	2.0717e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	-1.2766e+02	-4.5466e+01	2.0496e+01

	1410	0.0000e+00	0.0000e+00	0.0000e+00	-1.2797e+02	-4.1405e+01	1.2203e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	-1.2473e+02	-3.3146e+01	1.2424e+01
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	-1.2770e+02	-3.7546e+01	2.9304e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	-1.3071e+02	-4.2798e+01	3.1753e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	-1.2751e+02	-4.5293e+01	2.5378e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	-1.2594e+02	-3.7961e+01	2.2928e+01
1209	1396	0.0000e+00	0.0000e+00	0.0000e+00	-1.3431e+02	-3.0073e+01	3.1368e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	-1.3810e+02	-2.9102e+01	3.7061e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	-1.3027e+02	-3.9121e+01	3.5561e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	-1.3060e+02	-3.5188e+01	2.9868e+01
1210	1395	0.0000e+00	0.0000e+00	0.0000e+00	-1.4640e+02	-1.3040e+01	2.2960e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	-1.5067e+02	-4.5033e+00	3.2987e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	-1.3791e+02	-2.1497e+01	3.8664e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	-1.3885e+02	-2.4168e+01	2.8637e+01
1211	1394	0.0000e+00	0.0000e+00	0.0000e+00	-1.6340e+02	1.2572e+01	7.9787e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	-1.6350e+02	2.2387e+01	1.9735e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	-1.5202e+02	6.6706e+00	2.9903e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	-1.5106e+02	-3.5863e+00	1.8147e+01
1212	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.3732e+02	5.0370e+01	-1.8627e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-1.4985e+02	4.4930e+01	-1.2197e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	-1.4629e+02	3.8462e+01	-1.3568e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-1.2785e+02	3.5728e+01	-1.9997e+01
1213	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.2834e+02	3.6182e+01	-4.1822e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-1.4464e+02	3.4782e+01	-1.1100e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-1.5054e+02	4.3235e+01	-1.4901e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.3645e+02	4.9340e+01	-7.9839e+00
1214	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.1879e+02	1.2528e+01	8.4319e-01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-1.3391e+02	1.0660e+01	-7.3816e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-1.4237e+02	2.6095e+01	-9.4094e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.2699e+02	2.8230e+01	-1.1847e+00
1215	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.1368e+02	-7.4801e+00	4.2626e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-1.2623e+02	-1.1558e+01	-7.5578e-01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-1.3268e+02	2.6880e+00	-3.5968e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.1740e+02	4.2182e+00	1.4215e+00
1216	1388	0.0000e+00	0.0000e+00	0.0000e+00	-1.1256e+02	-2.0891e+01	1.0252e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	-1.2331e+02	-2.6621e+01	8.5495e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-1.2625e+02	-1.6768e+01	3.8433e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.1306e+02	-1.3208e+01	5.5458e+00
1217	1387	0.0000e+00	0.0000e+00	0.0000e+00	-1.1469e+02	-2.8476e+01	1.7874e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	-1.2424e+02	-3.4318e+01	1.8860e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	-1.2385e+02	-2.9163e+01	1.3324e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-1.1309e+02	-2.4077e+01	1.2338e+01
1218	1386	0.0000e+00	0.0000e+00	0.0000e+00	-1.1867e+02	-3.2191e+01	2.4411e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	-1.2801e+02	-3.5371e+01	2.7153e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	-1.2468e+02	-3.4705e+01	2.3023e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-1.1643e+02	-2.9732e+01	2.0281e+01
1219	1385	0.0000e+00	0.0000e+00	0.0000e+00	-1.2214e+02	-3.4556e+01	2.4921e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	-1.3394e+02	-2.9714e+01	2.8291e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	-1.2755e+02	-3.4394e+01	2.9596e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-1.2170e+02	-3.2130e+01	2.6226e+01
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	-1.2786e+02	-3.1026e+01	1.2341e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	-1.4251e+02	-1.5366e+01	1.7934e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	-1.3283e+02	-2.7178e+01	2.8336e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-1.2621e+02	-3.2051e+01	2.2743e+01
1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	-1.4745e+02	-6.5875e-01	-9.3887e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-1.5566e+02	8.4768e+00	4.1237e+00
	1395	0.0000e+00	0.0000e+00	0.0000e+00	-1.4471e+02	-7.5208e+00	1.6404e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-1.3103e+02	-2.2627e+01	2.8919e+00
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.0593e+02	1.0398e+02	-1.8718e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.4036e+02	5.8898e+01	-7.5734e+00
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-1.2774e+02	4.1548e+01	-2.9170e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-9.5958e+01	3.9094e+01	-4.0315e+01
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	-9.0633e+01	4.1704e+01	1.1690e+01

	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.2438e+02	4.1207e+01	-1.9411e+00
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.2896e+02	5.1952e+01	-6.9305e+00
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.1368e+02	6.1304e+01	6.7010e+00
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	-9.0194e+01	1.2375e+01	4.7041e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.1101e+02	1.3237e+01	8.3816e-02
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.1912e+02	3.1133e+01	3.0948e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-9.1440e+01	2.6051e+01	7.7151e+00
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	-9.2022e+01	-4.7287e+00	3.9246e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.0746e+02	-6.4168e+00	2.8746e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.1116e+02	7.3542e+00	3.4004e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-9.0452e+01	4.6281e+00	4.4504e+00
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	-9.5700e+01	-1.5318e+01	7.1244e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-1.0830e+02	-1.8918e+01	8.3587e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.0880e+02	-9.7015e+00	6.2211e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-9.2706e+01	-9.0823e+00	4.9868e+00
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	-1.0155e+02	-2.1718e+01	1.2509e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-1.1210e+02	-2.6211e+01	1.5725e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-1.0998e+02	-2.0348e+01	1.2050e+01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-9.7150e+01	-1.7587e+01	8.8337e+00
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	-1.0922e+02	-2.6429e+01	1.8424e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-1.1742e+02	-3.0521e+01	2.2836e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-1.1378e+02	-2.6345e+01	1.9044e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-1.0392e+02	-2.2950e+01	1.4631e+01
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.1577e+02	-3.3658e+01	2.2760e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-1.2064e+02	-3.4412e+01	2.5668e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-1.1812e+02	-3.0740e+01	2.4121e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-1.1240e+02	-2.8441e+01	2.1214e+01
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.0230e+02	-5.1835e+01	1.6244e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-1.2231e+02	-3.2622e+01	1.0623e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-1.1620e+02	-3.7609e+01	2.2361e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.1979e+02	-4.1568e+01	2.7982e+01
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.2766e+02	-7.9352e+00	-3.5077e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-1.3317e+02	-6.2886e+00	-1.7326e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-1.1418e+02	-3.1453e+01	9.5130e+00
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.1068e+02	-8.2787e+01	-8.2378e+00
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	-8.4591e-01	1.8114e+01	1.7975e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-8.9381e+01	1.3711e+02	-1.0277e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-1.6476e+02	6.7507e+01	-9.7121e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	1.7281e+01	3.5794e+02	-6.8869e+01
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	-4.7659e+01	2.9460e+01	-2.2003e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-7.1452e+01	3.2224e+01	7.1536e+00
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-6.6980e+01	7.5966e+01	1.2720e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-3.3177e+01	6.7741e+01	3.3666e+00
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	-6.4377e+01	8.3323e+00	-3.4059e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-7.9054e+01	9.4394e+00	2.5005e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-7.6841e+01	3.0603e+01	6.1365e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	-5.4623e+01	2.4533e+01	2.3006e-01
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	-7.3533e+01	-4.0341e+00	-2.0898e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-8.5113e+01	-4.8730e+00	1.9219e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-8.2857e+01	7.4575e+00	2.6468e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	-6.7661e+01	5.1875e+00	-1.3648e+00
1236	670	0.0000e+00	0.0000e+00	0.0000e+00	-8.0908e+01	-1.2052e+01	6.0607e-01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-9.1093e+01	-1.4104e+01	4.6653e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-8.7977e+01	-6.3432e+00	3.4887e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-7.5799e+01	-6.0727e+00	-5.7056e-01
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	-8.9450e+01	-1.7426e+01	3.9987e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-9.8616e+01	-2.0112e+01	9.4003e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-9.3783e+01	-1.4604e+01	7.2074e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-8.3339e+01	-1.2960e+01	1.8057e+00
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.0111e+02	-2.2366e+01	7.4832e+00
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-1.0849e+02	-2.5449e+01	1.4958e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-1.0171e+02	-1.9556e+01	1.2343e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	-9.2741e+01	-1.7478e+01	4.8686e+00

1239	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.1799e+02	-3.1490e+01	1.0754e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.2016e+02	-3.5309e+01	2.0528e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-1.1243e+02	-2.4001e+01	1.7659e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.0591e+02	-2.2157e+01	7.8856e+00
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	-1.4088e+02	-6.0771e+01	1.2779e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.3139e+02	-6.3523e+01	2.3477e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.2480e+02	-3.3643e+01	2.1663e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.2580e+02	-3.2814e+01	1.0965e+01
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	-1.5967e+02	-3.2012e+02	-6.1715e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-5.1975e+01	-3.1045e+01	-9.4063e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.0664e+02	-1.1775e+02	6.8970e-01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-1.7056e+02	-1.5723e+01	3.3038e+01
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	2.0579e+01	9.7325e+01	-8.6508e+00
	1371	0.0000e+00	0.0000e+00	0.0000e+00	1.0264e+02	-1.2219e+02	-6.6259e-01
	30	0.0000e+00	0.0000e+00	0.0000e+00	2.4735e+02	3.4449e+02	-5.0248e+00
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-1.0794e+02	1.3358e+02	-1.3013e+01
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	-6.5104e+00	1.2178e+01	-2.7778e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	5.3333e+01	-1.2628e+02	-1.5690e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	1.0221e+02	1.9194e+02	-1.6335e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-3.0897e+01	5.4756e+01	-2.8423e+01
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	-2.8613e+01	-3.3437e+01	-2.4337e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	2.2680e+01	-1.3262e+02	-1.7281e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	5.4231e+01	8.3990e+01	-2.1987e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-4.5868e+01	-5.9019e+00	-2.9043e+01
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	-4.2725e+01	-6.3228e+01	-1.6480e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	5.9553e+00	-1.2772e+02	-1.3164e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	2.3981e+01	4.0078e+00	-2.0342e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-5.4031e+01	-4.6310e+01	-2.3658e+01
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	-5.0135e+01	-7.8176e+01	-6.7612e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	3.7272e-01	-1.1072e+02	-6.3998e+00
	1368	0.0000e+00	0.0000e+00	0.0000e+00	7.2221e+00	-5.4107e+01	-1.4512e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-5.6252e+01	-7.0640e+01	-1.4874e+01
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	-5.1786e+01	-7.8920e+01	2.8244e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	4.4345e+00	-8.0240e+01	7.6893e-01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	1.2769e+00	-9.4391e+01	-7.0804e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-5.2793e+01	-8.0217e+01	-5.0250e+00
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	-4.8209e+01	-6.5221e+01	1.0687e+01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	1.7703e+01	-3.4167e+01	6.4334e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	4.7752e+00	-1.1957e+02	-1.2237e-01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	-4.3900e+01	-7.5570e+01	4.1313e+00
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	-3.9199e+01	-3.5591e+01	1.5654e+01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	4.1150e+01	3.0497e+01	8.8341e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	1.7407e+01	-1.3131e+02	4.3765e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	-2.9275e+01	-5.6427e+01	1.1196e+01
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	-2.0018e+01	1.7044e+01	1.9475e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	7.8217e+01	1.1760e+02	7.3000e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	4.0403e+01	-1.2984e+02	3.9274e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	-6.8753e+00	-2.2627e+01	1.6102e+01
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	-8.3464e+01	1.2537e+02	3.7119e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	2.2744e+02	2.3459e+02	1.8954e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	7.7959e+01	-1.2082e+02	-1.0545e+01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	2.9211e+01	4.6624e+01	7.6201e+00
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	-1.4058e+02	6.6564e+01	-4.4240e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-5.4194e+01	9.3707e+01	-4.6876e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-6.1244e+01	9.8976e+01	-2.3811e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-1.3887e+02	8.0587e+01	-2.1174e+01
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	-1.2598e+02	1.4449e+01	-4.8372e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-6.2723e+01	2.4422e+01	-5.1623e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-7.0180e+01	2.9078e+01	-5.6784e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-1.2511e+02	4.9238e+01	-5.3533e+01
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	-1.1794e+02	-2.4379e+01	-3.8516e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-7.1424e+01	-2.5135e+01	-3.9222e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-7.0673e+01	-1.9657e+01	-5.1890e+01

1349 0.0000e+00 0.0000e+00 0.0000e+00 -1.2012e+02 4.5936e+00 -5.1184e+01

1255 1347 0.0000e+00 0.0000e+00 0.0000e+00 -1.1331e+02 -5.0830e+01 -2.3253e+01  
1358 0.0000e+00 0.0000e+00 0.0000e+00 -7.6486e+01 -5.7547e+01 -2.4152e+01  
1359 0.0000e+00 0.0000e+00 0.0000e+00 -7.6295e+01 -5.3397e+01 -3.8669e+01  
1348 0.0000e+00 0.0000e+00 0.0000e+00 -1.1532e+02 -3.1457e+01 -3.7770e+01

1256 1346 0.0000e+00 0.0000e+00 0.0000e+00 -1.0952e+02 -6.4323e+01 -6.2682e+00  
1357 0.0000e+00 0.0000e+00 0.0000e+00 -7.7653e+01 -7.5312e+01 -7.9107e+00  
1358 0.0000e+00 0.0000e+00 0.0000e+00 -7.8605e+01 -7.3248e+01 -2.2645e+01  
1347 0.0000e+00 0.0000e+00 0.0000e+00 -1.1189e+02 -5.5151e+01 -2.1003e+01

1257 1345 0.0000e+00 0.0000e+00 0.0000e+00 -1.0595e+02 -6.5011e+01 1.0396e+01  
1356 0.0000e+00 0.0000e+00 0.0000e+00 -7.5139e+01 -7.9292e+01 7.9786e+00  
1357 0.0000e+00 0.0000e+00 0.0000e+00 -7.7284e+01 -7.9615e+01 -6.1354e+00  
1346 0.0000e+00 0.0000e+00 0.0000e+00 -1.0870e+02 -6.6034e+01 -3.7178e+00

1258 1344 0.0000e+00 0.0000e+00 0.0000e+00 -1.0282e+02 -5.2388e+01 2.5337e+01  
1355 0.0000e+00 0.0000e+00 0.0000e+00 -6.9227e+01 -6.9542e+01 2.2376e+01  
1356 0.0000e+00 0.0000e+00 0.0000e+00 -7.2435e+01 -7.2477e+01 9.4289e+00  
1345 0.0000e+00 0.0000e+00 0.0000e+00 -1.0561e+02 -6.4073e+01 1.2390e+01

1259 1343 0.0000e+00 0.0000e+00 0.0000e+00 -1.0195e+02 -2.4590e+01 3.7378e+01  
1354 0.0000e+00 0.0000e+00 0.0000e+00 -5.9992e+01 -4.5048e+01 3.4657e+01  
1355 0.0000e+00 0.0000e+00 0.0000e+00 -6.4316e+01 -5.0946e+01 2.3042e+01  
1344 0.0000e+00 0.0000e+00 0.0000e+00 -1.0314e+02 -4.8476e+01 2.5763e+01

1260 1342 0.0000e+00 0.0000e+00 0.0000e+00 -1.0498e+02 2.1563e+01 4.3533e+01  
1353 0.0000e+00 0.0000e+00 0.0000e+00 -5.4598e+01 -1.4159e+00 4.4652e+01  
1354 0.0000e+00 0.0000e+00 0.0000e+00 -5.3183e+01 -1.1673e+01 3.5725e+01  
1343 0.0000e+00 0.0000e+00 0.0000e+00 -1.0413e+02 -1.7029e+01 3.4605e+01

1261 1341 0.0000e+00 0.0000e+00 0.0000e+00 -1.2509e+02 7.1601e+01 1.4838e+01  
1352 0.0000e+00 0.0000e+00 0.0000e+00 -5.8034e+01 9.7032e+01 2.6786e+01  
1353 0.0000e+00 0.0000e+00 0.0000e+00 -4.0306e+01 5.3863e+01 4.5139e+01  
1342 0.0000e+00 0.0000e+00 0.0000e+00 -1.1861e+02 4.3064e+01 3.3191e+01

1262 1339 0.0000e+00 0.0000e+00 0.0000e+00 -1.7539e+02 4.5829e+01 -3.5770e+01  
1350 0.0000e+00 0.0000e+00 0.0000e+00 -1.4704e+02 5.4327e+01 -3.8360e+01  
1351 0.0000e+00 0.0000e+00 0.0000e+00 -1.5127e+02 6.6875e+01 -2.5067e+01  
1340 0.0000e+00 0.0000e+00 0.0000e+00 -1.7641e+02 4.9130e+01 -2.2476e+01

1263 1338 0.0000e+00 0.0000e+00 0.0000e+00 -1.6225e+02 1.9984e+01 -3.8040e+01  
1349 0.0000e+00 0.0000e+00 0.0000e+00 -1.3779e+02 1.4359e+01 -4.8042e+01  
1350 0.0000e+00 0.0000e+00 0.0000e+00 -1.5063e+02 4.3085e+01 -4.7700e+01  
1339 0.0000e+00 0.0000e+00 0.0000e+00 -1.6967e+02 3.6783e+01 -3.7697e+01

1264 1337 0.0000e+00 0.0000e+00 0.0000e+00 -1.4808e+02 -1.0698e+01 -2.9959e+01  
1348 0.0000e+00 0.0000e+00 0.0000e+00 -1.3056e+02 -2.0862e+01 -3.8858e+01  
1349 0.0000e+00 0.0000e+00 0.0000e+00 -1.3911e+02 2.9088e+00 -4.7029e+01  
1338 0.0000e+00 0.0000e+00 0.0000e+00 -1.5757e+02 8.8751e+00 -3.8131e+01

1265 1336 0.0000e+00 0.0000e+00 0.0000e+00 -1.3761e+02 -3.4690e+01 -1.6979e+01  
1347 0.0000e+00 0.0000e+00 0.0000e+00 -1.2499e+02 -4.6460e+01 -2.3579e+01  
1348 0.0000e+00 0.0000e+00 0.0000e+00 -1.3072e+02 -3.0435e+01 -3.5004e+01  
1337 0.0000e+00 0.0000e+00 0.0000e+00 -1.4525e+02 -1.9651e+01 -2.8404e+01

1266 1335 0.0000e+00 0.0000e+00 0.0000e+00 -1.3105e+02 -4.8295e+01 -2.2496e+00  
1346 0.0000e+00 0.0000e+00 0.0000e+00 -1.2073e+02 -6.0323e+01 -6.5244e+00  
1347 0.0000e+00 0.0000e+00 0.0000e+00 -1.2445e+02 -5.2530e+01 -1.8747e+01  
1336 0.0000e+00 0.0000e+00 0.0000e+00 -1.3599e+02 -4.0430e+01 -1.4472e+01

1267 1334 0.0000e+00 0.0000e+00 0.0000e+00 -1.2793e+02 -5.0925e+01 1.2204e+01  
1345 0.0000e+00 0.0000e+00 0.0000e+00 -1.1765e+02 -6.2044e+01 1.0076e+01  
1346 0.0000e+00 0.0000e+00 0.0000e+00 -1.1966e+02 -6.2657e+01 -1.6015e+00  
1335 0.0000e+00 0.0000e+00 0.0000e+00 -1.3023e+02 -5.0725e+01 5.2703e-01

1268 1333 0.0000e+00 0.0000e+00 0.0000e+00 -1.2833e+02 -4.2372e+01 2.4155e+01  
1344 0.0000e+00 0.0000e+00 0.0000e+00 -1.1617e+02 -5.1152e+01 2.4437e+01  
1345 0.0000e+00 0.0000e+00 0.0000e+00 -1.1605e+02 -6.0593e+01 1.4614e+01  
1334 0.0000e+00 0.0000e+00 0.0000e+00 -1.2788e+02 -4.9983e+01 1.4333e+01

1269 1332 0.0000e+00 0.0000e+00 0.0000e+00 -1.3376e+02 -2.1898e+01 3.0393e+01  
1343 0.0000e+00 0.0000e+00 0.0000e+00 -1.1806e+02 -2.6030e+01 3.4422e+01  
1344 0.0000e+00 0.0000e+00 0.0000e+00 -1.1418e+02 -4.5460e+01 2.8319e+01  
1333 0.0000e+00 0.0000e+00 0.0000e+00 -1.2948e+02 -3.7545e+01 2.4290e+01

1270 1331 0.0000e+00 0.0000e+00 0.0000e+00 -1.4554e+02 9.2461e+00 2.5421e+01  
1342 0.0000e+00 0.0000e+00 0.0000e+00 -1.2877e+02 1.5807e+01 3.5758e+01

	1343	0.0000e+00	0.0000e+00	0.0000e+00	-1.1604e+02	-1.5377e+01	3.7410e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	-1.3733e+02	-1.2078e+01	2.7074e+01
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	-1.6037e+02	4.0273e+01	5.5015e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	-1.3898e+02	5.8369e+01	1.5963e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	-1.2604e+02	3.3140e+01	3.0213e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	-1.5211e+02	2.3106e+01	1.9751e+01
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	-1.7499e+02	3.8507e+01	-3.1681e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	-1.7466e+02	4.0914e+01	-3.1955e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-1.7687e+02	4.3633e+01	-2.6071e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-1.7334e+02	3.4425e+01	-2.5797e+01
1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	-1.6389e+02	2.3549e+01	-2.6714e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-1.6479e+02	2.0264e+01	-3.5744e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	-1.7573e+02	3.4904e+01	-3.6912e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-1.7126e+02	3.3926e+01	-2.7882e+01
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	-1.4923e+02	-1.1380e+00	-1.8335e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-1.5209e+02	-7.3128e+00	-2.9197e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-1.6362e+02	9.5863e+00	-3.4649e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-1.5971e+02	1.4173e+01	-2.3787e+01
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	-1.3778e+02	-2.2393e+01	-8.7709e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	-1.4168e+02	-3.0376e+01	-1.7074e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-1.5043e+02	-1.7097e+01	-2.4734e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-1.4586e+02	-9.9593e+00	-1.6431e+01
1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	-1.3115e+02	-3.5264e+01	2.0450e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-1.3518e+02	-4.4100e+01	-2.7487e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	-1.4034e+02	-3.6723e+01	-1.1455e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-1.3571e+02	-2.8373e+01	-6.6615e+00
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	-1.2881e+02	-3.9394e+01	1.2945e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	-1.3246e+02	-4.7505e+01	1.1344e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-1.3409e+02	-4.6594e+01	2.9099e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-1.3042e+02	-3.8056e+01	4.5106e+00
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	-1.3003e+02	-3.5608e+01	2.1135e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	-1.3347e+02	-4.0445e+01	2.2468e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	-1.3132e+02	-4.6340e+01	1.6372e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	-1.2948e+02	-3.9144e+01	1.5040e+01
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	-1.3493e+02	-2.4214e+01	2.2226e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	-1.3909e+02	-2.2331e+01	2.6950e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	-1.3211e+02	-3.5673e+01	2.6182e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	-1.3234e+02	-3.2274e+01	2.1458e+01
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	-1.4501e+02	-4.3378e+00	1.2309e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	-1.4977e+02	5.7294e+00	2.1124e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	-1.3801e+02	-1.3819e+01	2.8066e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	-1.3890e+02	-1.7457e+01	1.9251e+01
1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	-1.5911e+02	2.1810e+01	-4.6084e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	-1.6009e+02	3.3323e+01	5.2520e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	-1.5023e+02	1.7062e+01	1.7107e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	-1.4899e+02	5.1731e+00	7.2465e+00
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.5590e+02	4.6519e+01	-2.9852e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-1.7042e+02	3.8968e+01	-2.6907e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-1.7069e+02	3.4875e+01	-3.0208e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-1.4966e+02	3.3840e+01	-3.3152e+01
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	-1.4239e+02	2.9408e+01	-1.2641e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-1.6079e+02	2.6490e+01	-2.2765e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-1.6981e+02	3.5775e+01	-2.8366e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.5389e+02	4.3913e+01	-1.8242e+01
1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	-1.2911e+02	4.5649e+00	-5.9461e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-1.4612e+02	1.7852e+00	-1.6804e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-1.5713e+02	1.6862e+01	-1.9988e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-1.4010e+02	2.0368e+01	-9.1302e+00
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	-1.2110e+02	-1.4762e+01	-1.6895e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-1.3518e+02	-1.9336e+01	-8.7329e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-1.4366e+02	-6.4597e+00	-1.2201e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-1.2689e+02	-4.1868e+00	-5.1581e+00
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	-1.1758e+02	-2.6137e+01	4.6274e+00



	1324	0.0000e+00	0.0000e+00	0.0000e+00	-1.2958e+02	-3.1983e+01	1.3286e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-1.3412e+02	-2.4285e+01	-3.6042e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-1.1973e+02	-2.0394e+01	-3.0540e-01
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	-1.1767e+02	-3.0802e+01	1.2089e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	-1.2826e+02	-3.6371e+01	1.1774e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-1.2913e+02	-3.3911e+01	6.3866e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-1.1743e+02	-2.8847e+01	6.7017e+00
1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	-1.1984e+02	-3.1060e+01	1.7967e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	-1.3010e+02	-3.3604e+01	1.9625e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	-1.2780e+02	-3.5921e+01	1.6006e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-1.1878e+02	-3.1321e+01	1.4348e+01
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	-1.2172e+02	-2.9784e+01	1.7463e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	-1.3424e+02	-2.4155e+01	1.9866e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	-1.2884e+02	-3.1690e+01	2.1925e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	-1.2225e+02	-3.0124e+01	1.9522e+01
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	-1.2543e+02	-2.3372e+01	4.0107e+00
	1320	0.0000e+00	0.0000e+00	0.0000e+00	-1.4082e+02	-7.0522e+00	8.3274e+00
	1321	0.0000e+00	0.0000e+00	0.0000e+00	-1.3241e+02	-2.0812e+01	1.9501e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-1.2509e+02	-2.6549e+01	1.5184e+01
1291	1308	0.0000e+00	0.0000e+00	0.0000e+00	-1.4256e+02	6.7570e+00	-1.8581e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	-1.5044e+02	1.7281e+01	-7.2085e+00
	1320	0.0000e+00	0.0000e+00	0.0000e+00	-1.4208e+02	6.4745e-01	6.0540e+00
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-1.2788e+02	-1.5009e+01	-5.3179e+00
1292	1306	0.0000e+00	0.0000e+00	0.0000e+00	-1.2074e+02	1.0413e+02	-2.5726e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.5867e+02	5.6088e+01	-1.7500e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-1.4916e+02	4.0881e+01	-4.1214e+01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.1357e+02	3.9651e+01	-4.9440e+01
1293	1305	0.0000e+00	0.0000e+00	0.0000e+00	-1.0090e+02	3.6583e+01	7.5142e+00
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-1.3808e+02	3.5258e+01	-9.5053e+00
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.4569e+02	4.7481e+01	-1.5800e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-1.2778e+02	5.8581e+01	1.2194e+00
1294	1304	0.0000e+00	0.0000e+00	0.0000e+00	-9.7668e+01	5.1991e+00	8.7288e-01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-1.2078e+02	5.6166e+00	-6.0206e+00
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-1.3139e+02	2.3999e+01	-3.4105e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-1.0103e+02	1.9264e+01	3.4830e+00
1295	1303	0.0000e+00	0.0000e+00	0.0000e+00	-9.7297e+01	-1.1637e+01	3.0977e-01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-1.1439e+02	-1.3539e+01	-2.4032e+00
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-1.1993e+02	-5.4398e-01	-2.0524e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	-9.7258e+01	-3.1382e+00	6.6061e-01
1296	1302	0.0000e+00	0.0000e+00	0.0000e+00	-9.9019e+01	-2.0585e+01	3.5439e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-1.1293e+02	-2.4123e+01	3.4135e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-1.1485e+02	-1.6588e+01	1.3073e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	-9.7359e+01	-1.5968e+01	1.4377e+00
1297	1301	0.0000e+00	0.0000e+00	0.0000e+00	-1.0297e+02	-2.4527e+01	8.6228e+00
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-1.1468e+02	-2.8604e+01	1.0614e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-1.1375e+02	-2.5026e+01	7.2513e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-9.9863e+01	-2.2466e+01	5.2601e+00
1298	1300	0.0000e+00	0.0000e+00	0.0000e+00	-1.0871e+02	-2.6276e+01	1.3783e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	-1.1812e+02	-2.9557e+01	1.7035e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-1.1552e+02	-2.8050e+01	1.3896e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-1.0473e+02	-2.5133e+01	1.0644e+01
1299	1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.1340e+02	-3.0153e+01	1.6941e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-1.1961e+02	-2.9873e+01	1.8790e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	-1.1804e+02	-2.8987e+01	1.8157e+01
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-1.1123e+02	-2.7457e+01	1.6308e+01
1300	1298	0.0000e+00	0.0000e+00	0.0000e+00	-9.8759e+01	-4.4364e+01	9.5900e+00
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-1.1967e+02	-2.5244e+01	3.2164e+00
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-1.1473e+02	-3.2104e+01	1.5350e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.1662e+02	-3.6937e+01	2.1724e+01
1301	1297	0.0000e+00	0.0000e+00	0.0000e+00	-1.2375e+02	-5.3619e-01	-4.0058e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-1.2511e+02	1.2885e+00	-2.4487e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-1.1120e+02	-2.4131e+01	1.4063e+00
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-1.0611e+02	-7.3421e+01	-1.4165e+01

1302 557 0.0000e+00 0.0000e+00 0.0000e+00 -6.2480e+00 1.7394e+01 1.8626e+01  
1306 0.0000e+00 0.0000e+00 0.0000e+00 -1.0399e+02 1.3964e+02 -1.5970e+01  
1307 0.0000e+00 0.0000e+00 0.0000e+00 -1.8284e+02 6.9545e+01 -1.0767e+02  
19 0.0000e+00 0.0000e+00 0.0000e+00 2.4983e+00 3.7282e+02 -7.3077e+01

1303 556 0.0000e+00 0.0000e+00 0.0000e+00 -5.3389e+01 2.4246e+01 -4.4770e+00  
1305 0.0000e+00 0.0000e+00 0.0000e+00 -8.0208e+01 2.6951e+01 3.2402e+00  
1306 0.0000e+00 0.0000e+00 0.0000e+00 -7.8957e+01 7.4533e+01 9.2253e+00  
557 0.0000e+00 0.0000e+00 0.0000e+00 -3.9003e+01 6.5424e+01 1.5082e+00

1304 555 0.0000e+00 0.0000e+00 0.0000e+00 -6.9185e+01 1.2960e+00 -5.5821e+00  
1304 0.0000e+00 0.0000e+00 0.0000e+00 -8.5597e+01 2.1566e+00 -8.5868e-01  
1305 0.0000e+00 0.0000e+00 0.0000e+00 -8.5047e+01 2.4534e+01 2.8519e+00  
556 0.0000e+00 0.0000e+00 0.0000e+00 -6.0164e+01 1.8070e+01 -1.8716e+00

1305 554 0.0000e+00 0.0000e+00 0.0000e+00 -7.7077e+01 -1.0815e+01 -4.0418e+00  
1303 0.0000e+00 0.0000e+00 0.0000e+00 -8.9813e+01 -1.1798e+01 -1.1171e+00  
1304 0.0000e+00 0.0000e+00 0.0000e+00 -8.8866e+01 1.1813e-01 -4.2974e-01  
555 0.0000e+00 0.0000e+00 0.0000e+00 -7.2098e+01 -2.2214e+00 -3.3545e+00

1306 553 0.0000e+00 0.0000e+00 0.0000e+00 -8.2935e+01 -1.7383e+01 -1.2253e+00  
1302 0.0000e+00 0.0000e+00 0.0000e+00 -9.3999e+01 -1.9395e+01 1.7405e+00  
1303 0.0000e+00 0.0000e+00 0.0000e+00 -9.2047e+01 -1.3001e+01 5.9852e-01  
554 0.0000e+00 0.0000e+00 0.0000e+00 -7.8877e+01 -1.2758e+01 -2.3673e+00

1307 552 0.0000e+00 0.0000e+00 0.0000e+00 -8.9685e+01 -2.0620e+01 2.0383e+00  
1301 0.0000e+00 0.0000e+00 0.0000e+00 -9.9642e+01 -2.2992e+01 6.2547e+00  
1302 0.0000e+00 0.0000e+00 0.0000e+00 -9.5965e+01 -1.9445e+01 4.2909e+00  
553 0.0000e+00 0.0000e+00 0.0000e+00 -8.4818e+01 -1.7941e+01 7.4544e-02

1308 551 0.0000e+00 0.0000e+00 0.0000e+00 -9.9126e+01 -2.3011e+01 5.0517e+00  
1300 0.0000e+00 0.0000e+00 0.0000e+00 -1.0744e+02 -2.5409e+01 1.1138e+01  
1301 0.0000e+00 0.0000e+00 0.0000e+00 -1.0191e+02 -2.1920e+01 9.0439e+00  
552 0.0000e+00 0.0000e+00 0.0000e+00 -9.2325e+01 -2.0185e+01 2.9577e+00

1309 550 0.0000e+00 0.0000e+00 0.0000e+00 -1.1314e+02 -2.9227e+01 7.4120e+00  
1299 0.0000e+00 0.0000e+00 0.0000e+00 -1.1677e+02 -3.1854e+01 1.5493e+01  
1300 0.0000e+00 0.0000e+00 0.0000e+00 -1.1042e+02 -2.3474e+01 1.3527e+01  
551 0.0000e+00 0.0000e+00 0.0000e+00 -1.0312e+02 -2.2219e+01 5.4456e+00

1310 549 0.0000e+00 0.0000e+00 0.0000e+00 -1.3190e+02 -5.4573e+01 8.0371e+00  
1298 0.0000e+00 0.0000e+00 0.0000e+00 -1.2632e+02 -5.5730e+01 1.6892e+01  
1299 0.0000e+00 0.0000e+00 0.0000e+00 -1.2042e+02 -2.9625e+01 1.6394e+01  
550 0.0000e+00 0.0000e+00 0.0000e+00 -1.1986e+02 -2.9800e+01 7.5394e+00

1311 18 0.0000e+00 0.0000e+00 0.0000e+00 -1.5318e+02 -3.0000e+02 -6.4941e+01  
1297 0.0000e+00 0.0000e+00 0.0000e+00 -4.5876e+01 -2.2679e+01 -9.5996e+01  
1298 0.0000e+00 0.0000e+00 0.0000e+00 -1.0235e+02 -1.0717e+02 -5.0651e+00  
549 0.0000e+00 0.0000e+00 0.0000e+00 -1.5963e+02 -9.3544e+00 2.5990e+01

1312 1286 0.0000e+00 0.0000e+00 0.0000e+00 3.0178e+01 1.0713e+02 9.5753e-01  
1296 0.0000e+00 0.0000e+00 0.0000e+00 1.0844e+02 -1.1341e+02 1.0731e+01  
27 0.0000e+00 0.0000e+00 0.0000e+00 2.6126e+02 3.5689e+02 4.7924e+00  
1287 0.0000e+00 0.0000e+00 0.0000e+00 -1.0284e+02 1.4807e+02 -4.9814e+00

1313 1285 0.0000e+00 0.0000e+00 0.0000e+00 6.7306e-01 2.0321e+01 -1.9519e+01  
1295 0.0000e+00 0.0000e+00 0.0000e+00 5.7054e+01 -1.2026e+02 -6.2448e+00  
1296 0.0000e+00 0.0000e+00 0.0000e+00 1.0757e+02 2.0512e+02 -6.1832e+00  
1286 0.0000e+00 0.0000e+00 0.0000e+00 -2.2949e+01 6.4408e+01 -1.9457e+01

1314 1284 0.0000e+00 0.0000e+00 0.0000e+00 -2.3045e+01 -2.6954e+01 -1.6600e+01  
1294 0.0000e+00 0.0000e+00 0.0000e+00 2.4740e+01 -1.3019e+02 -8.8289e+00  
1295 0.0000e+00 0.0000e+00 0.0000e+00 5.7789e+01 9.7005e+01 -1.2940e+01  
1285 0.0000e+00 0.0000e+00 0.0000e+00 -4.0347e+01 1.8831e+00 -2.0712e+01

1315 1283 0.0000e+00 0.0000e+00 0.0000e+00 -3.8487e+01 -5.9294e+01 -9.0111e+00  
1293 0.0000e+00 0.0000e+00 0.0000e+00 6.6253e+00 -1.2944e+02 -5.2626e+00  
1294 0.0000e+00 0.0000e+00 0.0000e+00 2.6132e+01 1.5894e+01 -1.2095e+01  
1284 0.0000e+00 0.0000e+00 0.0000e+00 -5.0398e+01 -4.0766e+01 -1.5843e+01

1316 1282 0.0000e+00 0.0000e+00 0.0000e+00 -4.7008e+01 -7.7516e+01 7.7553e-01  
1292 0.0000e+00 0.0000e+00 0.0000e+00 -1.2773e-01 -1.1715e+02 1.3058e+00  
1293 0.0000e+00 0.0000e+00 0.0000e+00 8.1983e+00 -4.4209e+01 -6.7035e+00  
1283 0.0000e+00 0.0000e+00 0.0000e+00 -5.4260e+01 -6.8029e+01 -7.2338e+00

1317 1281 0.0000e+00 0.0000e+00 0.0000e+00 -4.9519e+01 -8.2191e+01 1.0738e+01  
1291 0.0000e+00 0.0000e+00 0.0000e+00 3.0066e+00 -9.1843e+01 8.5742e+00  
1292 0.0000e+00 0.0000e+00 0.0000e+00 1.2864e+00 -8.7265e+01 6.1610e-01

	1282	0.0000e+00	0.0000e+00	0.0000e+00	-5.2184e+01	-8.1208e+01	2.7799e+00
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	-4.6480e+01	-7.3009e+01	1.9248e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	1.5634e+01	-5.1345e+01	1.4579e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	4.0578e+00	-1.1594e+02	7.7407e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	-4.4366e+01	-8.0780e+01	1.2410e+01
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	-3.7521e+01	-4.8365e+01	2.5128e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	3.8800e+01	7.4906e+00	1.7511e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	1.6247e+01	-1.3190e+02	1.2626e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	-3.0404e+01	-6.6400e+01	2.0244e+01
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	-1.7415e+01	-9.7972e-01	3.0263e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	7.6152e+01	8.8845e+01	1.6669e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	3.9173e+01	-1.3542e+02	1.2719e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	-7.9831e+00	-3.7800e+01	2.6314e+01
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	-7.6640e+01	1.0126e+02	4.9851e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	2.2717e+02	2.0145e+02	2.8424e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	7.7516e+01	-1.3297e+02	-1.3192e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	2.9591e+01	2.5928e+01	2.0108e+01
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	-1.3257e+02	7.5616e+01	-3.5814e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	-4.5009e+01	1.0383e+02	-3.9030e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	-5.4384e+01	1.1203e+02	-1.2143e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	-1.2972e+02	8.7165e+01	-8.9268e+00
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	-1.1801e+02	2.1763e+01	-4.1926e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	-5.5130e+01	3.2915e+01	-4.4451e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	-6.1975e+01	3.8056e+01	-4.8652e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	-1.1628e+02	5.7502e+01	-4.6127e+01
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	-1.1132e+02	-1.8621e+01	-3.3039e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	-6.5475e+01	-1.8419e+01	-3.2718e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	-6.3775e+01	-1.2233e+01	-4.4799e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	-1.1236e+02	1.1819e+01	-4.5121e+01
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	-1.0817e+02	-4.7323e+01	-1.8131e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-7.2092e+01	-5.3247e+01	-1.8067e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	-7.1113e+01	-4.8130e+01	-3.2289e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	-1.0902e+02	-2.5980e+01	-3.2352e+01
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	-1.0570e+02	-6.3784e+01	-1.0295e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	-7.4614e+01	-7.4130e+01	-1.8742e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-7.4979e+01	-7.0869e+01	-1.6595e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	-1.0704e+02	-5.2156e+01	-1.5751e+01
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	-1.0319e+02	-6.8107e+01	1.6161e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	-7.3178e+01	-8.1890e+01	1.4322e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	-7.4983e+01	-8.0808e+01	-4.2653e-02
	1271	0.0000e+00	0.0000e+00	0.0000e+00	-1.0512e+02	-6.6235e+01	1.7962e+00
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	-1.0079e+02	-5.9667e+01	3.2037e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	-6.7975e+01	-7.6506e+01	2.9373e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	-7.1158e+01	-7.7868e+01	1.5906e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	-1.0300e+02	-6.8123e+01	1.8570e+01
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	-1.0016e+02	-3.6316e+01	4.5542e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	-5.8892e+01	-5.6823e+01	4.2734e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	-6.3669e+01	-6.1069e+01	3.0236e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	-1.0107e+02	-5.6904e+01	3.3044e+01
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	-1.0288e+02	5.8943e+00	5.4166e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	-5.2694e+01	-1.8196e+01	5.4654e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	-5.2595e+01	-2.6846e+01	4.4078e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	-1.0199e+02	-3.0056e+01	4.3589e+01
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	-1.2351e+02	5.5523e+01	3.1153e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	-5.2666e+01	7.4391e+01	4.1876e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	-3.9063e+01	3.4022e+01	5.5567e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	-1.1538e+02	2.5863e+01	4.4844e+01
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	-1.6644e+02	5.0941e+01	-2.8507e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	-1.3770e+02	6.1875e+01	-2.9797e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	-1.4157e+02	7.2444e+01	-1.3912e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	-1.6519e+02	5.2021e+01	-1.2622e+01
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	-1.5454e+02	2.6025e+01	-3.2819e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	-1.2940e+02	2.1282e+01	-4.2065e+01

	1275	0.0000e+00	0.0000e+00	0.0000e+00	-1.4192e+02	5.0763e+01	-4.0233e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	-1.6076e+02	4.2403e+01	-3.0987e+01
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	-1.4157e+02	-5.4128e+00	-2.5813e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	-1.2362e+02	-1.5249e+01	-3.3807e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	-1.3139e+02	9.8362e+00	-4.1366e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	-1.5000e+02	1.4921e+01	-3.3372e+01
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	-1.3236e+02	-3.1110e+01	-1.3086e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	-1.1953e+02	-4.2957e+01	-1.8827e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	-1.2445e+02	-2.5045e+01	-3.0131e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	-1.3908e+02	-1.4579e+01	-2.4390e+01
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	-1.2697e+02	-4.7228e+01	1.9652e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	-1.1660e+02	-5.9673e+01	-1.5941e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	-1.1964e+02	-4.9456e+01	-1.4049e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	-1.3115e+02	-3.7315e+01	-1.0489e+01
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	-1.2484e+02	-5.3050e+01	1.7225e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	-1.1461e+02	-6.4921e+01	1.5620e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	-1.1614e+02	-6.2634e+01	3.3945e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	-1.2656e+02	-5.0372e+01	4.9991e+00
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	-1.2601e+02	-4.8186e+01	3.0476e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	-1.1387e+02	-5.8104e+01	3.1048e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	-1.1356e+02	-6.4273e+01	2.0338e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	-1.2516e+02	-5.3051e+01	1.9767e+01
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	-1.3198e+02	-3.1489e+01	3.8598e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	-1.1606e+02	-3.7300e+01	4.2674e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	-1.1235e+02	-5.3330e+01	3.5246e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	-1.2743e+02	-4.4479e+01	3.1170e+01
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	-1.4430e+02	-3.1743e+00	3.6295e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	-1.2672e+02	7.6695e-01	4.6605e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	-1.1445e+02	-2.7479e+01	4.6240e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	-1.3567e+02	-2.2816e+01	3.5930e+01
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	-1.6120e+02	2.7698e+01	1.9415e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	-1.3728e+02	4.3296e+01	3.0791e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	-1.2433e+02	1.7662e+01	4.2424e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	-1.5110e+02	1.0296e+01	3.1048e+01
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	-1.6644e+02	4.0843e+01	-2.6298e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	-1.6502e+02	4.5112e+01	-2.4796e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	-1.6621e+02	4.5622e+01	-1.7010e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	-1.6221e+02	3.4521e+01	-1.8512e+01
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	-1.5717e+02	2.8000e+01	-2.3077e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	-1.5680e+02	2.5628e+01	-3.0867e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	-1.6669e+02	3.9926e+01	-3.0732e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-1.6306e+02	3.7287e+01	-2.2942e+01
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	-1.4386e+02	3.6369e+00	-1.5572e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	-1.4558e+02	-2.2518e+00	-2.5466e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	-1.5632e+02	1.5257e+01	-3.0376e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-1.5317e+02	1.9060e+01	-2.0481e+01
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.3351e+02	-1.8656e+01	-6.0797e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	-1.3653e+02	-2.6774e+01	-1.3603e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	-1.4456e+02	-1.2192e+01	-2.1268e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-1.4073e+02	-5.1794e+00	-1.3745e+01
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2789e+02	-3.3541e+01	5.1977e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	-1.3123e+02	-4.2859e+01	1.0536e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	-1.3578e+02	-3.3594e+01	-8.0373e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.3174e+02	-2.4966e+01	-3.8932e+00
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	-1.2652e+02	-4.0379e+01	1.7040e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	-1.2955e+02	-4.9339e+01	1.5985e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	-1.3072e+02	-4.6052e+01	6.8223e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2748e+02	-3.6926e+01	7.8781e+00
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	-1.2868e+02	-3.9773e+01	2.6684e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	-1.3141e+02	-4.5864e+01	2.8461e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	-1.2897e+02	-4.9035e+01	2.1271e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	-1.2752e+02	-4.0934e+01	1.9495e+01
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	-1.3452e+02	-3.1686e+01	2.9713e+01

	1257	0.0000e+00	0.0000e+00	0.0000e+00	-1.3775e+02	-3.1437e+01	3.4829e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	-1.3057e+02	-4.2026e+01	3.2604e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	-1.3133e+02	-3.7386e+01	2.7488e+01
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	-1.4584e+02	-1.4425e+01	2.1923e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	-1.4940e+02	-6.1720e+00	3.1400e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	-1.3714e+02	-2.3701e+01	3.6653e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	-1.3891e+02	-2.5818e+01	2.7176e+01
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	-1.6227e+02	1.1311e+01	6.8141e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	-1.6139e+02	2.1313e+01	1.8112e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	-1.5031e+02	5.0971e+00	2.8343e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	-1.5045e+02	-5.0954e+00	1.7044e+01
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.4942e+02	4.6357e+01	-2.6498e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-1.6176e+02	4.0719e+01	-2.1834e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	-1.6123e+02	3.4034e+01	-2.3708e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-1.4050e+02	3.2095e+01	-2.8372e+01
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.3773e+02	3.2826e+01	-1.0700e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-1.5419e+02	3.0369e+01	-1.9377e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-1.6178e+02	3.8506e+01	-2.4081e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.4773e+02	4.5334e+01	-1.5403e+01
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	-1.2550e+02	9.0553e+00	-4.3298e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-1.4103e+02	6.3937e+00	-1.4310e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-1.5117e+02	2.1349e+01	-1.7254e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.3558e+02	2.4498e+01	-7.2732e+00
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	-1.1825e+02	-1.0786e+01	5.7976e-02
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.3122e+02	-1.5555e+01	-6.3750e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-1.3906e+02	-1.8616e+00	-9.9829e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	-1.2345e+02	4.9142e-01	-3.5499e+00
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	-1.1556e+02	-2.3739e+01	6.8347e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2664e+02	-3.0091e+01	4.0902e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.3064e+02	-2.0870e+01	-1.2698e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	-1.1711e+02	-1.6641e+01	1.4747e+00
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	-1.1664e+02	-3.0644e+01	1.5155e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	-1.2634e+02	-3.7090e+01	1.5439e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2671e+02	-3.2579e+01	9.3092e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	-1.1570e+02	-2.6926e+01	9.0259e+00
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	-1.2007e+02	-3.3576e+01	2.2379e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	-1.2926e+02	-3.7419e+01	2.4721e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	-1.2646e+02	-3.7304e+01	1.9994e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	-1.1813e+02	-3.1816e+01	1.7652e+01
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	-1.2342e+02	-3.5292e+01	2.3662e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	-1.3458e+02	-3.1231e+01	2.6843e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	-1.2859e+02	-3.6215e+01	2.7489e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	-1.2296e+02	-3.3428e+01	2.4307e+01
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	-1.2873e+02	-3.2035e+01	1.1938e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	-1.4255e+02	-1.6766e+01	1.7159e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	-1.3325e+02	-2.8586e+01	2.7036e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-1.2745e+02	-3.2813e+01	2.1814e+01
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	-1.4792e+02	-2.6282e+00	-1.0006e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	-1.5487e+02	6.9639e+00	3.0546e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	-1.4426e+02	-9.1433e+00	1.5565e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-1.3206e+02	-2.4247e+01	2.5040e+00
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.1892e+02	9.9823e+01	-2.4418e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.5195e+02	5.5454e+01	-1.4970e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-1.4412e+02	3.7655e+01	-3.6145e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-1.0761e+02	3.5086e+01	-4.5593e+01
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	-9.9192e+01	3.9456e+01	8.3937e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.3398e+02	3.8459e+01	-7.5687e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.4039e+02	4.8295e+01	-1.3848e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.2513e+02	5.9694e+01	2.1142e+00
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	-9.5926e+01	9.6514e+00	2.0338e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	-1.1772e+02	1.0139e+01	-4.5194e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.2764e+02	2.7725e+01	-2.0188e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-9.9291e+01	2.3277e+01	4.5344e+00

1365 1228 0.0000e+00 0.0000e+00 0.0000e+00 -9.5784e+01 -7.4792e+00 1.4852e+00  
1239 0.0000e+00 0.0000e+00 0.0000e+00 -1.1196e+02 -9.4756e+00 -9.2871e-01  
1240 0.0000e+00 0.0000e+00 0.0000e+00 -1.1709e+02 3.9384e+00 -7.0892e-01  
1229 0.0000e+00 0.0000e+00 0.0000e+00 -9.5546e+01 1.5081e+00 1.7050e+00

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1238 0.0000e+00 0.0000e+00 0.0000e+00 -1.1125e+02 -2.1582e+01 5.2108e+00  
1239 0.0000e+00 0.0000e+00 0.0000e+00 -1.1274e+02 -1.2853e+01 2.8205e+00  
1228 0.0000e+00 0.0000e+00 0.0000e+00 -9.5991e+01 -1.2003e+01 2.5157e+00

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1370 1223 0.0000e+00 0.0000e+00 0.0000e+00 -1.0531e+02 -5.0987e+01 1.5631e+01  
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1235 0.0000e+00 0.0000e+00 0.0000e+00 -1.1802e+02 -3.7783e+01 2.1288e+01  
1224 0.0000e+00 0.0000e+00 0.0000e+00 -1.2167e+02 -4.1549e+01 2.6293e+01

1371 1222 0.0000e+00 0.0000e+00 0.0000e+00 -1.3121e+02 -1.1233e+01 -3.5306e+01  
1233 0.0000e+00 0.0000e+00 0.0000e+00 -1.3404e+02 -8.7347e+00 -1.7920e+01  
1234 0.0000e+00 0.0000e+00 0.0000e+00 -1.1539e+02 -3.3241e+01 9.2539e+00  
1223 0.0000e+00 0.0000e+00 0.0000e+00 -1.1463e+02 -8.4384e+01 -8.1325e+00

1372 440 0.0000e+00 0.0000e+00 0.0000e+00 -1.0025e+01 2.1711e+01 2.3625e+01  
1231 0.0000e+00 0.0000e+00 0.0000e+00 -1.0617e+02 1.3560e+02 -1.3714e+01  
1232 0.0000e+00 0.0000e+00 0.0000e+00 -1.7581e+02 6.1212e+01 -1.0326e+02  
16 0.0000e+00 0.0000e+00 0.0000e+00 -1.6048e+01 3.5187e+02 -6.5924e+01

1373 439 0.0000e+00 0.0000e+00 0.0000e+00 -5.3578e+01 2.7480e+01 -2.0914e+00  
1230 0.0000e+00 0.0000e+00 0.0000e+00 -7.9835e+01 3.0736e+01 4.3479e+00  
1231 0.0000e+00 0.0000e+00 0.0000e+00 -8.0339e+01 7.4280e+01 1.0776e+01  
440 0.0000e+00 0.0000e+00 0.0000e+00 -4.0026e+01 6.4845e+01 4.3372e+00

1374 438 0.0000e+00 0.0000e+00 0.0000e+00 -6.8335e+01 5.5906e+00 -4.1285e+00  
1229 0.0000e+00 0.0000e+00 0.0000e+00 -8.4347e+01 6.7349e+00 2.3273e-01  
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439 0.0000e+00 0.0000e+00 0.0000e+00 -5.9745e+01 2.1282e+01 -8.8279e-02

1375 437 0.0000e+00 0.0000e+00 0.0000e+00 -7.6163e+01 -6.7895e+00 -3.1774e+00  
1228 0.0000e+00 0.0000e+00 0.0000e+00 -8.8541e+01 -7.6145e+00 -1.9248e-01  
1229 0.0000e+00 0.0000e+00 0.0000e+00 -8.7563e+01 4.5680e+00 7.0682e-01  
438 0.0000e+00 0.0000e+00 0.0000e+00 -7.1092e+01 1.9677e+00 -2.2781e+00

1376 436 0.0000e+00 0.0000e+00 0.0000e+00 -8.2489e+01 -1.4450e+01 -6.4325e-01  
1227 0.0000e+00 0.0000e+00 0.0000e+00 -9.3259e+01 -1.6469e+01 2.6751e+00  
1228 0.0000e+00 0.0000e+00 0.0000e+00 -9.0978e+01 -9.0973e+00 1.5837e+00  
437 0.0000e+00 0.0000e+00 0.0000e+00 -7.8046e+01 -8.9616e+00 -1.7346e+00

1377 435 0.0000e+00 0.0000e+00 0.0000e+00 -9.0214e+01 -1.9328e+01 2.5658e+00  
1226 0.0000e+00 0.0000e+00 0.0000e+00 -9.9962e+01 -2.1867e+01 7.4612e+00  
1227 0.0000e+00 0.0000e+00 0.0000e+00 -9.5619e+01 -1.6892e+01 5.3808e+00  
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1378 434 0.0000e+00 0.0000e+00 0.0000e+00 -1.0129e+02 -2.3747e+01 5.6854e+00  
1225 0.0000e+00 0.0000e+00 0.0000e+00 -1.0953e+02 -2.6447e+01 1.2920e+01  
1226 0.0000e+00 0.0000e+00 0.0000e+00 -1.0283e+02 -2.1175e+01 1.0557e+01  
435 0.0000e+00 0.0000e+00 0.0000e+00 -9.3326e+01 -1.9210e+01 3.3223e+00

1379 433 0.0000e+00 0.0000e+00 0.0000e+00 -1.1807e+02 -3.2443e+01 8.1759e+00  
1224 0.0000e+00 0.0000e+00 0.0000e+00 -1.2168e+02 -3.5429e+01 1.8184e+01  
1225 0.0000e+00 0.0000e+00 0.0000e+00 -1.1340e+02 -2.4779e+01 1.5833e+01  
434 0.0000e+00 0.0000e+00 0.0000e+00 -1.0606e+02 -2.3125e+01 5.8247e+00

1380 432 0.0000e+00 0.0000e+00 0.0000e+00 -1.4085e+02 -6.1565e+01 8.6722e+00  
1223 0.0000e+00 0.0000e+00 0.0000e+00 -1.3690e+02 -6.3060e+01 2.0907e+01  
1224 0.0000e+00 0.0000e+00 0.0000e+00 -1.2680e+02 -3.2902e+01 2.0094e+01

	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.2615e+02	-3.2794e+01	7.8600e+00
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.8449e+02	-3.2421e+02	-6.7557e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-5.1805e+01	-3.6504e+01	-9.2644e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-1.1492e+02	-1.1730e+02	-9.0925e-01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-1.7221e+02	-1.0684e+01	2.4178e+01
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	3.1679e+01	1.0263e+02	-1.3683e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	1.1247e+02	-1.1444e+02	-2.7092e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	2.6495e+02	3.4764e+02	-7.5398e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-9.8564e+01	1.4010e+02	-1.8514e+01
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	2.2894e+00	1.8502e+01	-3.4025e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	6.0903e+01	-1.1569e+02	-2.0367e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	1.1083e+02	1.9596e+02	-1.9923e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	-1.9967e+01	6.0893e+01	-3.3581e+01
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	-2.0736e+01	-2.5438e+01	-3.1833e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.8781e+01	-1.2104e+02	-2.3803e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	6.1034e+01	9.0221e+01	-2.7310e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	-3.6718e+01	1.5408e+00	-3.5340e+01
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	-3.5252e+01	-5.4145e+01	-2.5369e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	1.0661e+01	-1.1619e+02	-2.1292e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.9490e+01	1.2598e+01	-2.7313e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	-4.5819e+01	-3.7566e+01	-3.1390e+01
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	-4.2869e+01	-6.8746e+01	-1.6945e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	3.4502e+00	-1.0056e+02	-1.5910e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	1.1454e+01	-4.3230e+01	-2.2961e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	-4.8776e+01	-6.1121e+01	-2.3996e+01
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	-4.4661e+01	-7.0172e+01	-8.4190e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	5.4692e+00	-7.3169e+01	-9.8471e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	4.0009e+00	-8.1450e+01	-1.6787e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	-4.6086e+01	-7.0748e+01	-1.5359e+01
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	-4.1214e+01	-5.8570e+01	-1.2425e+00
	1215	0.0000e+00	0.0000e+00	0.0000e+00	1.6140e+01	-3.2489e+01	-4.9206e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	5.6143e+00	-1.0498e+02	-1.0786e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	-3.8142e+01	-6.7324e+01	-7.1077e+00
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	-3.2311e+01	-3.2927e+01	3.5793e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	3.6313e+01	2.3827e+01	-2.7690e+00
	1215	0.0000e+00	0.0000e+00	0.0000e+00	1.5870e+01	-1.1579e+02	-6.8388e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	-2.4732e+01	-5.1006e+01	-4.9049e-01
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	-1.3035e+01	1.3236e+01	8.0308e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	6.9355e+01	9.8960e+01	-3.9206e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	3.5906e+01	-1.1453e+02	-7.3013e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	-3.8036e+00	-2.2135e+01	4.6501e+00
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	-7.4085e+01	1.1047e+02	2.6949e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	2.1321e+02	2.0012e+02	8.0366e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	7.0069e+01	-1.0789e+02	-2.1140e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	3.0734e+01	3.9353e+01	-2.2270e+00
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	-1.3173e+02	7.1622e+01	-4.9175e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	-4.3996e+01	9.9337e+01	-5.2065e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-5.1065e+01	1.0450e+02	-2.8153e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	-1.3051e+02	8.5013e+01	-2.5264e+01
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	-1.1660e+02	2.0083e+01	-5.4418e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	-5.3262e+01	3.0759e+01	-5.7501e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	-6.0120e+01	3.4650e+01	-6.2089e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	-1.1599e+02	5.4384e+01	-5.9006e+01
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	-1.0833e+02	-1.7528e+01	-4.5808e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	-6.2390e+01	-1.7345e+01	-4.6402e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	-6.1142e+01	-1.2647e+01	-5.8143e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	-1.1078e+02	1.0712e+01	-5.7549e+01
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	-1.0325e+02	-4.3015e+01	-3.1933e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	-6.7587e+01	-4.8539e+01	-3.2923e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	-6.7197e+01	-4.5143e+01	-4.6323e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	-1.0565e+02	-2.4215e+01	-4.5333e+01
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	-9.8710e+01	-5.6147e+01	-1.6385e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	-6.8711e+01	-6.5696e+01	-1.8291e+01

1208 0.0000e+00 0.0000e+00 0.0000e+00 -6.9658e+01 -6.4298e+01 -3.1835e+01  
1198 0.0000e+00 0.0000e+00 0.0000e+00 -1.0163e+02 -4.7111e+01 -2.9929e+01

1397 1196 0.0000e+00 0.0000e+00 0.0000e+00 -9.4137e+01 -5.7396e+01 -1.0836e+00  
1206 0.0000e+00 0.0000e+00 0.0000e+00 -6.6062e+01 -6.9985e+01 -3.9073e+00  
1207 0.0000e+00 0.0000e+00 0.0000e+00 -6.8356e+01 -7.0799e+01 -1.6839e+01  
1197 0.0000e+00 0.0000e+00 0.0000e+00 -9.7564e+01 -5.7861e+01 -1.4015e+01

1398 1195 0.0000e+00 0.0000e+00 0.0000e+00 -8.9757e+01 -4.6617e+01 1.2726e+01  
1205 0.0000e+00 0.0000e+00 0.0000e+00 -5.9971e+01 -6.1830e+01 9.2179e+00  
1206 0.0000e+00 0.0000e+00 0.0000e+00 -6.3489e+01 -6.4971e+01 -2.6455e+00  
1196 0.0000e+00 0.0000e+00 0.0000e+00 -9.3349e+01 -5.6766e+01 8.6274e-01

1399 1194 0.0000e+00 0.0000e+00 0.0000e+00 -8.7339e+01 -2.2320e+01 2.4100e+01  
1204 0.0000e+00 0.0000e+00 0.0000e+00 -5.0475e+01 -4.0652e+01 2.0644e+01  
1205 0.0000e+00 0.0000e+00 0.0000e+00 -5.5357e+01 -4.6358e+01 9.8723e+00  
1195 0.0000e+00 0.0000e+00 0.0000e+00 -8.9460e+01 -4.3426e+01 1.3328e+01

1400 1193 0.0000e+00 0.0000e+00 0.0000e+00 -8.8424e+01 1.8499e+01 3.0546e+01  
1203 0.0000e+00 0.0000e+00 0.0000e+00 -4.4517e+01 -2.5720e+00 3.0602e+01  
1204 0.0000e+00 0.0000e+00 0.0000e+00 -4.4187e+01 -1.2085e+01 2.1928e+01  
1194 0.0000e+00 0.0000e+00 0.0000e+00 -8.8641e+01 -1.6035e+01 2.1873e+01

1401 1132 0.0000e+00 0.0000e+00 0.0000e+00 -1.0784e+02 6.3145e+01 5.4231e+00  
1143 0.0000e+00 0.0000e+00 0.0000e+00 -4.4732e+01 8.6145e+01 1.5720e+01  
1203 0.0000e+00 0.0000e+00 0.0000e+00 -3.1300e+01 4.5871e+01 3.1447e+01  
1193 0.0000e+00 0.0000e+00 0.0000e+00 -1.0040e+02 3.7825e+01 2.1151e+01

1402 1191 0.0000e+00 0.0000e+00 0.0000e+00 -1.6823e+02 4.9565e+01 -4.0098e+01  
1201 0.0000e+00 0.0000e+00 0.0000e+00 -1.3839e+02 5.8961e+01 -4.3131e+01  
1202 0.0000e+00 0.0000e+00 0.0000e+00 -1.4303e+02 7.0695e+01 -2.8942e+01  
1192 0.0000e+00 0.0000e+00 0.0000e+00 -1.6973e+02 5.2082e+01 -2.5909e+01

1403 1190 0.0000e+00 0.0000e+00 0.0000e+00 -1.5425e+02 2.4734e+01 -4.3565e+01  
1200 0.0000e+00 0.0000e+00 0.0000e+00 -1.2863e+02 1.9846e+01 -5.3974e+01  
1201 0.0000e+00 0.0000e+00 0.0000e+00 -1.4184e+02 4.7677e+01 -5.2921e+01  
1191 0.0000e+00 0.0000e+00 0.0000e+00 -1.6213e+02 4.0712e+01 -4.2513e+01

1404 1189 0.0000e+00 0.0000e+00 0.0000e+00 -1.3915e+02 -4.8791e+00 -3.6541e+01  
1199 0.0000e+00 0.0000e+00 0.0000e+00 -1.2092e+02 -1.4198e+01 -4.5876e+01  
1200 0.0000e+00 0.0000e+00 0.0000e+00 -1.2974e+02 8.4772e+00 -5.3347e+01  
1190 0.0000e+00 0.0000e+00 0.0000e+00 -1.4925e+02 1.3906e+01 -4.4012e+01

1405 1188 0.0000e+00 0.0000e+00 0.0000e+00 -1.2752e+02 -2.8003e+01 -2.4641e+01  
1198 0.0000e+00 0.0000e+00 0.0000e+00 -1.1460e+02 -3.8837e+01 -3.1872e+01  
1199 0.0000e+00 0.0000e+00 0.0000e+00 -1.2080e+02 -2.3745e+01 -4.2500e+01  
1189 0.0000e+00 0.0000e+00 0.0000e+00 -1.3598e+02 -1.3597e+01 -3.5269e+01

1406 1187 0.0000e+00 0.0000e+00 0.0000e+00 -1.1951e+02 -4.1211e+01 -1.1026e+01  
1197 0.0000e+00 0.0000e+00 0.0000e+00 -1.0930e+02 -5.2290e+01 -1.6167e+01  
1198 0.0000e+00 0.0000e+00 0.0000e+00 -1.1374e+02 -4.5029e+01 -2.7534e+01  
1188 0.0000e+00 0.0000e+00 0.0000e+00 -1.2549e+02 -3.3668e+01 -2.2393e+01

1407 1186 0.0000e+00 0.0000e+00 0.0000e+00 -1.1461e+02 -4.4188e+01 2.4002e+00  
1196 0.0000e+00 0.0000e+00 0.0000e+00 -1.0489e+02 -5.4462e+01 -8.4151e-01  
1197 0.0000e+00 0.0000e+00 0.0000e+00 -1.0789e+02 -5.4975e+01 -1.1705e+01  
1187 0.0000e+00 0.0000e+00 0.0000e+00 -1.1819e+02 -4.3805e+01 -8.4631e+00

1408 1185 0.0000e+00 0.0000e+00 0.0000e+00 -1.1290e+02 -3.7046e+01 1.3605e+01  
1195 0.0000e+00 0.0000e+00 0.0000e+00 -1.0179e+02 -4.5238e+01 1.2495e+01  
1196 0.0000e+00 0.0000e+00 0.0000e+00 -1.0296e+02 -5.3679e+01 3.3118e+00  
1186 0.0000e+00 0.0000e+00 0.0000e+00 -1.1398e+02 -4.3743e+01 4.4221e+00

1409 1184 0.0000e+00 0.0000e+00 0.0000e+00 -1.1586e+02 -1.9332e+01 1.9628e+01  
1194 0.0000e+00 0.0000e+00 0.0000e+00 -1.0170e+02 -2.3357e+01 2.1952e+01  
1195 0.0000e+00 0.0000e+00 0.0000e+00 -9.9481e+01 -4.0623e+01 1.6130e+01  
1185 0.0000e+00 0.0000e+00 0.0000e+00 -1.1337e+02 -3.3156e+01 1.3806e+01

1410 1183 0.0000e+00 0.0000e+00 0.0000e+00 -1.2496e+02 7.7780e+00 1.5318e+01  
1193 0.0000e+00 0.0000e+00 0.0000e+00 -1.1015e+02 1.3494e+01 2.3714e+01  
1194 0.0000e+00 0.0000e+00 0.0000e+00 -9.9434e+01 -1.4214e+01 2.4973e+01  
1184 0.0000e+00 0.0000e+00 0.0000e+00 -1.1866e+02 -1.0983e+01 1.6577e+01

1411 1121 0.0000e+00 0.0000e+00 0.0000e+00 -1.3841e+02 3.4017e+01 -3.3380e+00  
1132 0.0000e+00 0.0000e+00 0.0000e+00 -1.1833e+02 5.1271e+01 5.8040e+00  
1193 0.0000e+00 0.0000e+00 0.0000e+00 -1.0727e+02 2.8907e+01 1.9003e+01  
1183 0.0000e+00 0.0000e+00 0.0000e+00 -1.3094e+02 2.0106e+01 9.8607e+00

1412 1181 0.0000e+00 0.0000e+00 0.0000e+00 -1.6986e+02 4.0929e+01 -3.5266e+01



	1191	0.0000e+00	0.0000e+00	0.0000e+00	-1.6778e+02	4.4128e+01	-3.5988e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-1.7046e+02	4.6054e+01	-2.9237e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	-1.6865e+02	3.5928e+01	-2.8516e+01
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	-1.5787e+02	2.7427e+01	-3.1347e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	-1.5714e+02	2.4667e+01	-4.0907e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	-1.6866e+02	3.8356e+01	-4.1468e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-1.6572e+02	3.6705e+01	-3.1909e+01
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	-1.4192e+02	3.8720e+00	-2.3692e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	-1.4345e+02	-1.7532e+00	-3.5315e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	-1.5566e+02	1.4155e+01	-4.0275e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-1.5325e+02	1.8321e+01	-2.8653e+01
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	-1.2890e+02	-1.6592e+01	-1.4907e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	-1.3173e+02	-2.3942e+01	-2.4189e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	-1.4136e+02	-1.1508e+01	-3.1303e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-1.3808e+02	-4.8144e+00	-2.2021e+01
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	-1.2049e+02	-2.9057e+01	-4.9407e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	-1.2361e+02	-3.7257e+01	-1.0911e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	-1.2990e+02	-3.0415e+01	-1.9026e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-1.2630e+02	-2.2595e+01	-1.3056e+01
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	-1.1614e+02	-3.3339e+01	5.2013e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	-1.1898e+02	-4.0948e+01	2.2177e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	-1.2201e+02	-4.0081e+01	-5.6947e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-1.1916e+02	-3.2071e+01	-2.7111e+00
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	-1.1512e+02	-3.0552e+01	1.2940e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	-1.1777e+02	-3.5179e+01	1.2657e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	-1.1733e+02	-4.0403e+01	6.8617e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	-1.1613e+02	-3.3591e+01	7.1448e+00
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	-1.1753e+02	-2.1339e+01	1.4072e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	-1.2087e+02	-1.9646e+01	1.6932e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	-1.1591e+02	-3.1415e+01	1.6111e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	-1.1669e+02	-2.8100e+01	1.3250e+01
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	-1.2497e+02	-5.0133e+00	4.6364e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	-1.2904e+02	4.5777e+00	1.1507e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	-1.1931e+02	-1.2577e+01	1.8050e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	-1.2077e+02	-1.5902e+01	1.1179e+01
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	-1.3693e+02	1.6497e+01	-1.1722e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	-1.3704e+02	2.7677e+01	-3.5770e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	-1.2905e+02	1.4212e+01	7.7510e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	-1.2841e+02	3.0305e+00	-3.9413e-01
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.5335e+02	4.7709e+01	-3.2819e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-1.6562e+02	4.0827e+01	-3.0213e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	-1.6635e+02	3.5829e+01	-3.2628e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.4735e+02	3.3714e+01	-3.5235e+01
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	-1.3869e+02	3.2866e+01	-1.6153e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-1.5531e+02	3.0086e+01	-2.6873e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-1.6495e+02	3.8143e+01	-3.2217e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.5077e+02	4.5913e+01	-2.1498e+01
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	-1.2366e+02	8.9893e+00	-9.6684e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-1.3932e+02	6.5869e+00	-2.1589e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-1.5123e+02	2.0622e+01	-2.4542e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-1.3591e+02	2.4047e+01	-1.2621e+01
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	-1.1383e+02	-9.6885e+00	-6.0313e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-1.2668e+02	-1.3793e+01	-1.4269e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-1.3629e+02	-1.6933e+00	-1.7348e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-1.2092e+02	2.7969e-01	-9.1101e+00
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	-1.0845e+02	-2.0663e+01	-4.3948e-01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-1.1921e+02	-2.6064e+01	-5.0184e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-1.2504e+02	-1.8868e+01	-9.5075e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	-1.1189e+02	-1.5408e+01	-4.9285e+00
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	-1.0661e+02	-2.5299e+01	6.3948e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	-1.1586e+02	-3.0586e+01	4.7049e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-1.1820e+02	-2.8229e+01	-3.2333e-01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-1.0769e+02	-2.3590e+01	1.3666e+00

1428 1165 0.0000e+00 0.0000e+00 0.0000e+00 -1.0683e+02 -2.6157e+01 1.1943e+01  
1175 0.0000e+00 0.0000e+00 0.0000e+00 -1.1550e+02 -2.8750e+01 1.2129e+01  
1176 0.0000e+00 0.0000e+00 0.0000e+00 -1.1487e+02 -3.0553e+01 8.6282e+00  
1166 0.0000e+00 0.0000e+00 0.0000e+00 -1.0708e+02 -2.6235e+01 8.4423e+00

1429 1164 0.0000e+00 0.0000e+00 0.0000e+00 -1.0674e+02 -2.6518e+01 1.1597e+01  
1174 0.0000e+00 0.0000e+00 0.0000e+00 -1.1730e+02 -2.1382e+01 1.2420e+01  
1175 0.0000e+00 0.0000e+00 0.0000e+00 -1.1377e+02 -2.7530e+01 1.4223e+01  
1165 0.0000e+00 0.0000e+00 0.0000e+00 -1.0860e+02 -2.5952e+01 1.3399e+01

1430 1163 0.0000e+00 0.0000e+00 0.0000e+00 -1.0818e+02 -2.3622e+01 -1.2477e+00  
1173 0.0000e+00 0.0000e+00 0.0000e+00 -1.2134e+02 -7.7075e+00 1.2286e+00  
1174 0.0000e+00 0.0000e+00 0.0000e+00 -1.1496e+02 -1.9196e+01 1.1932e+01  
1164 0.0000e+00 0.0000e+00 0.0000e+00 -1.0955e+02 -2.4410e+01 9.4553e+00

1431 1099 0.0000e+00 0.0000e+00 0.0000e+00 -1.2252e+02 1.9470e+00 -2.3596e+01  
1110 0.0000e+00 0.0000e+00 0.0000e+00 -1.2905e+02 1.2010e+01 -1.4059e+01  
1173 0.0000e+00 0.0000e+00 0.0000e+00 -1.2202e+02 -1.4859e+00 -1.0463e+00  
1163 0.0000e+00 0.0000e+00 0.0000e+00 -1.1023e+02 -1.7111e+01 -1.0582e+01

1432 1161 0.0000e+00 0.0000e+00 0.0000e+00 -1.2209e+02 1.0440e+02 -2.8089e+01  
1171 0.0000e+00 0.0000e+00 0.0000e+00 -1.5648e+02 5.6714e+01 -2.0147e+01  
1172 0.0000e+00 0.0000e+00 0.0000e+00 -1.4731e+02 4.0028e+01 -4.2992e+01  
1162 0.0000e+00 0.0000e+00 0.0000e+00 -1.1516e+02 3.7440e+01 -5.0934e+01

1433 1160 0.0000e+00 0.0000e+00 0.0000e+00 -9.8989e+01 3.9890e+01 6.2046e+00  
1170 0.0000e+00 0.0000e+00 0.0000e+00 -1.3520e+02 3.8885e+01 -1.2256e+01  
1171 0.0000e+00 0.0000e+00 0.0000e+00 -1.4380e+02 4.9109e+01 -1.9107e+01  
1161 0.0000e+00 0.0000e+00 0.0000e+00 -1.2779e+02 6.1628e+01 -6.4627e-01

1434 1159 0.0000e+00 0.0000e+00 0.0000e+00 -9.3498e+01 9.0962e+00 -8.1747e-01  
1169 0.0000e+00 0.0000e+00 0.0000e+00 -1.1585e+02 9.9107e+00 -9.1553e+00  
1170 0.0000e+00 0.0000e+00 0.0000e+00 -1.2765e+02 2.7364e+01 -6.3300e+00  
1160 0.0000e+00 0.0000e+00 0.0000e+00 -9.8591e+01 2.2602e+01 2.0078e+00

1435 1158 0.0000e+00 0.0000e+00 0.0000e+00 -9.1253e+01 -7.2752e+00 -2.1870e+00  
1168 0.0000e+00 0.0000e+00 0.0000e+00 -1.0748e+02 -8.7272e+00 -6.1777e+00  
1169 0.0000e+00 0.0000e+00 0.0000e+00 -1.1431e+02 3.6246e+00 -5.3912e+00  
1159 0.0000e+00 0.0000e+00 0.0000e+00 -9.2507e+01 6.2004e-01 -1.4005e+00

1436 1157 0.0000e+00 0.0000e+00 0.0000e+00 -9.1209e+01 -1.5820e+01 2.9109e-01  
1167 0.0000e+00 0.0000e+00 0.0000e+00 -1.0411e+02 -1.8953e+01 -1.0776e+00  
1168 0.0000e+00 0.0000e+00 0.0000e+00 -1.0734e+02 -1.1885e+01 -2.7376e+00  
1158 0.0000e+00 0.0000e+00 0.0000e+00 -9.0751e+01 -1.1740e+01 -1.3690e+00

1437 1156 0.0000e+00 0.0000e+00 0.0000e+00 -9.3424e+01 -1.9606e+01 4.7292e+00  
1166 0.0000e+00 0.0000e+00 0.0000e+00 -1.0397e+02 -2.3394e+01 5.4762e+00  
1167 0.0000e+00 0.0000e+00 0.0000e+00 -1.0439e+02 -2.0010e+01 2.4766e+00  
1157 0.0000e+00 0.0000e+00 0.0000e+00 -9.1487e+01 -1.7877e+01 1.7295e+00

1438 1155 0.0000e+00 0.0000e+00 0.0000e+00 -9.7543e+01 -2.1671e+01 9.4408e+00  
1165 0.0000e+00 0.0000e+00 0.0000e+00 -1.0558e+02 -2.4907e+01 1.1493e+01  
1166 0.0000e+00 0.0000e+00 0.0000e+00 -1.0434e+02 -2.3101e+01 8.5337e+00  
1156 0.0000e+00 0.0000e+00 0.0000e+00 -9.4628e+01 -2.0494e+01 6.4812e+00

1439 1154 0.0000e+00 0.0000e+00 0.0000e+00 -1.0112e+02 -2.6597e+01 1.2521e+01  
1164 0.0000e+00 0.0000e+00 0.0000e+00 -1.0530e+02 -2.6811e+01 1.3351e+01  
1165 0.0000e+00 0.0000e+00 0.0000e+00 -1.0516e+02 -2.4759e+01 1.2513e+01  
1155 0.0000e+00 0.0000e+00 0.0000e+00 -9.9579e+01 -2.3319e+01 1.1683e+01

1440 1153 0.0000e+00 0.0000e+00 0.0000e+00 -8.5645e+01 -4.2953e+01 6.1305e+00  
1163 0.0000e+00 0.0000e+00 0.0000e+00 -1.0362e+02 -2.5642e+01 -1.2434e+00  
1164 0.0000e+00 0.0000e+00 0.0000e+00 -1.0029e+02 -2.9658e+01 9.8785e+00  
1154 0.0000e+00 0.0000e+00 0.0000e+00 -1.0392e+02 -3.4301e+01 1.7252e+01

1441 1088 0.0000e+00 0.0000e+00 0.0000e+00 -1.0676e+02 -6.7024e+00 -4.3741e+01  
1099 0.0000e+00 0.0000e+00 0.0000e+00 -1.0883e+02 -4.2277e+00 -2.9904e+01  
1163 0.0000e+00 0.0000e+00 0.0000e+00 -9.4025e+01 -2.6172e+01 -3.1355e+00  
1153 0.0000e+00 0.0000e+00 0.0000e+00 -9.3525e+01 -7.6540e+01 -1.6972e+01

1442 323 0.0000e+00 0.0000e+00 0.0000e+00 -6.2707e+00 2.4133e+01 2.6164e+01  
1161 0.0000e+00 0.0000e+00 0.0000e+00 -1.0993e+02 1.4165e+02 -1.6199e+01  
1162 0.0000e+00 0.0000e+00 0.0000e+00 -1.8057e+02 6.4913e+01 -1.1048e+02  
14 0.0000e+00 0.0000e+00 0.0000e+00 -2.1467e+01 3.6854e+02 -6.8117e+01

1443 322 0.0000e+00 0.0000e+00 0.0000e+00 -5.0802e+01 2.7036e+01 -2.9770e+00  
1160 0.0000e+00 0.0000e+00 0.0000e+00 -7.8700e+01 3.0750e+01 2.3710e+00  
1161 0.0000e+00 0.0000e+00 0.0000e+00 -8.1776e+01 7.6956e+01 9.6244e+00

	323	0.0000e+00	0.0000e+00	0.0000e+00	-3.6889e+01	6.6351e+01	4.2765e+00
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	-6.4885e+01	4.3629e+00	-5.5469e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	-8.1465e+01	5.7466e+00	-2.0989e+00
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-8.2524e+01	2.7687e+01	2.4598e+00
	322	0.0000e+00	0.0000e+00	0.0000e+00	-5.6840e+01	2.0072e+01	-9.8822e-01
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	-7.1379e+01	-7.2539e+00	-4.9901e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	-8.3835e+01	-7.7684e+00	-3.1214e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	-8.4170e+01	3.6790e+00	-1.8102e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	-6.7258e+01	5.7612e-01	-3.6789e+00
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	-7.5739e+01	-1.3339e+01	-2.8844e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-8.6327e+01	-1.4936e+01	-9.9967e-01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	-8.5568e+01	-8.9868e+00	-1.6493e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	-7.2679e+01	-9.3016e+00	-3.5341e+00
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	-8.0848e+01	-1.6370e+01	-2.3753e-01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-9.0281e+01	-1.8336e+01	2.8319e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-8.7794e+01	-1.5075e+01	1.2971e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	-7.7115e+01	-1.4012e+01	-1.7723e+00
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	-8.8572e+01	-1.9095e+01	2.1387e+00
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-9.6522e+01	-2.1023e+01	7.0873e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-9.2074e+01	-1.7479e+01	5.4206e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	-8.2993e+01	-1.6118e+01	4.7201e-01
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.0120e+02	-2.6555e+01	3.6529e+00
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.0480e+02	-2.8493e+01	1.0886e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-9.9159e+01	-1.9446e+01	9.4244e+00
	317	0.0000e+00	0.0000e+00	0.0000e+00	-9.2180e+01	-1.8499e+01	2.1911e+00
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-1.1866e+02	-5.4706e+01	2.9287e+00
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-1.1635e+02	-5.4964e+01	1.2071e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.0864e+02	-2.6303e+01	1.2337e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.0785e+02	-2.7086e+01	3.1942e+00
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-1.6167e+02	-3.1038e+02	-7.2310e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-2.8806e+01	-3.1694e+01	-9.8001e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-9.4513e+01	-1.0826e+02	-9.1337e+00
	315	0.0000e+00	0.0000e+00	0.0000e+00	-1.4802e+02	-5.0028e+00	1.6557e+01
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	2.8642e+01	9.4584e+01	2.4542e+00
	1152	0.0000e+00	0.0000e+00	0.0000e+00	1.0582e+02	-1.1526e+02	6.0886e+00
	24	0.0000e+00	0.0000e+00	0.0000e+00	2.3383e+02	3.2353e+02	2.3589e+00
	1143	0.0000e+00	0.0000e+00	0.0000e+00	-9.2673e+01	1.2179e+02	-1.2754e+00
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.0594e+01	1.2375e+01	-1.6792e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	6.2213e+01	-1.2333e+02	-8.4912e+00
	1152	0.0000e+00	0.0000e+00	0.0000e+00	1.0130e+02	1.9250e+02	-8.0642e+00
	1142	0.0000e+00	0.0000e+00	0.0000e+00	-1.3202e+01	5.5866e+01	-1.6365e+01
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	-6.5433e+00	-3.4095e+01	-1.6050e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	3.6486e+01	-1.4017e+02	-1.2530e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	6.1643e+01	9.8121e+01	-1.4617e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	-2.5217e+01	-3.4218e+00	-1.8136e+01
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	-1.7233e+01	-7.0214e+01	-1.2187e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	2.2677e+01	-1.4931e+02	-1.2321e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	3.7680e+01	2.3273e+01	-1.6070e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	-3.2484e+01	-4.7682e+01	-1.5936e+01
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	-2.2747e+01	-9.6356e+01	-7.6624e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	1.8151e+01	-1.4949e+02	-1.0443e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	2.5025e+01	-3.6433e+01	-1.4470e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	-3.4742e+01	-8.0823e+01	-1.1690e+01
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	-2.4227e+01	-1.1233e+02	-4.3862e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.0546e+01	-1.3918e+02	-8.6475e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	2.0977e+01	-8.3545e+01	-1.1870e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	-3.2508e+01	-1.0340e+02	-7.6085e+00
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	-2.2551e+01	-1.1723e+02	-3.6560e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.7318e+01	-1.1653e+02	-8.1066e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.3084e+01	-1.1937e+02	-9.7499e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	-2.6515e+01	-1.1511e+02	-5.2993e+00
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	-1.8021e+01	-1.0868e+02	-5.7242e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	3.5702e+01	-7.9696e+01	-9.0936e+00

	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.8615e+01	-1.4394e+02	-9.0809e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	-1.7140e+01	-1.1499e+02	-5.7114e+00
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	-5.3037e-01	-7.5144e+01	-3.8956e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	4.0429e+01	-2.7623e+01	-8.1653e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	3.4280e+01	-1.5440e+02	-1.0348e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	-2.2467e+00	-1.0214e+02	-6.0781e+00
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	-1.1701e+02	-3.9373e+00	8.5008e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	1.6615e+02	4.4871e+01	1.4087e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	3.8871e+01	-1.6128e+02	-1.8392e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	2.0567e+01	-4.1944e+01	-2.3978e+01
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	-1.1123e+02	5.9535e+01	-2.8400e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	-3.6343e+01	8.8335e+01	-3.1385e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	-4.2883e+01	9.3136e+01	-7.0966e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	-1.1019e+02	6.9195e+01	-4.1113e+00
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	-9.7242e+01	1.3085e+01	-3.5210e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	-4.0865e+01	2.4458e+01	-4.0091e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	-4.8505e+01	3.1068e+01	-4.1162e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	-9.8593e+01	4.4766e+01	-3.6281e+01
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	-8.8727e+01	-2.8224e+01	-3.0281e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	-4.6979e+01	-2.5953e+01	-3.2238e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	-4.7120e+01	-1.7417e+01	-4.0508e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	-9.2191e+01	2.8128e+00	-3.8551e+01
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	-8.3758e+01	-6.2708e+01	-2.0704e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	-5.0367e+01	-6.4621e+01	-2.2732e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	-5.1190e+01	-5.5968e+01	-3.2484e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	-8.6672e+01	-3.6706e+01	-3.0455e+01
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	-7.9308e+01	-8.9086e+01	-1.0227e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	-5.0610e+01	-9.3335e+01	-1.3137e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	-5.2549e+01	-8.5650e+01	-2.2524e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	-8.2730e+01	-6.9517e+01	-1.9613e+01
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	-7.4248e+01	-1.0657e+02	-1.0151e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	-4.7786e+01	-1.1190e+02	-5.0357e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	-5.0884e+01	-1.0624e+02	-1.3030e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	-7.8557e+01	-9.4210e+01	-9.0092e+00
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	-6.7651e+01	-1.1320e+02	5.9580e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	-4.2108e+01	-1.1919e+02	6.5925e-01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	-4.6274e+01	-1.1703e+02	-5.4918e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	-7.3246e+01	-1.0966e+02	-1.9307e-01
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	-6.0628e+01	-1.0432e+02	1.1040e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	-3.1925e+01	-1.1215e+02	4.4792e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	-3.8890e+01	-1.1669e+02	-6.5811e-01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	-6.5749e+01	-1.1337e+02	5.9031e+00
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	-4.1658e+01	-6.8018e+01	1.5960e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	-3.2222e+01	-8.1889e+01	1.0214e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	-2.7640e+01	-9.7951e+01	5.4975e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	-5.6826e+01	-1.0158e+02	1.1244e+01
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	-1.3292e+02	1.2041e+00	8.2592e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	7.3265e+01	1.5510e+01	6.8342e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	-1.9232e+01	-6.9264e+01	-1.0796e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	-4.3050e+01	-3.7774e+01	3.4542e-01
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	-1.4033e+02	3.6210e+01	-2.0861e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	-1.1577e+02	4.7165e+01	-2.2256e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	-1.1971e+02	5.6289e+01	-8.5796e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	-1.3896e+02	3.7548e+01	-7.1849e+00
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	-1.3076e+02	1.3599e+01	-2.5704e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	-1.0763e+02	1.1255e+01	-3.4572e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	-1.1826e+02	3.8644e+01	-3.1406e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	-1.3646e+02	2.9425e+01	-2.2538e+01
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	-1.1867e+02	-1.8982e+01	-2.1647e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	-1.0109e+02	-2.6064e+01	-3.0458e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	-1.0894e+02	4.0797e-01	-3.5131e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	-1.2705e+02	3.4722e+00	-2.6319e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	-1.0856e+02	-5.0971e+01	-1.3180e+01

1128 0.0000e+00 0.0000e+00 0.0000e+00 -9.5408e+01 -5.9568e+01 -2.0775e+01  
1129 0.0000e+00 0.0000e+00 0.0000e+00 -1.0150e+02 -3.6919e+01 -2.8491e+01  
1118 0.0000e+00 0.0000e+00 0.0000e+00 -1.1646e+02 -2.8761e+01 -2.0896e+01

1476 1116 0.0000e+00 0.0000e+00 0.0000e+00 -1.0063e+02 -7.7792e+01 -3.4857e+00  
1127 0.0000e+00 0.0000e+00 0.0000e+00 -8.9999e+01 -8.6343e+01 -9.9120e+00  
1128 0.0000e+00 0.0000e+00 0.0000e+00 -9.5104e+01 -6.8563e+01 -1.8095e+01  
1117 0.0000e+00 0.0000e+00 0.0000e+00 -1.0737e+02 -5.9346e+01 -1.1669e+01

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1126 0.0000e+00 0.0000e+00 0.0000e+00 -8.4219e+01 -1.0474e+02 -1.1314e-02  
1127 0.0000e+00 0.0000e+00 0.0000e+00 -8.9014e+01 -9.2947e+01 -7.4390e+00  
1116 0.0000e+00 0.0000e+00 0.0000e+00 -9.9845e+01 -8.4385e+01 -1.7104e+00

1478 1114 0.0000e+00 0.0000e+00 0.0000e+00 -8.7988e+01 -1.0636e+02 1.3354e+01  
1125 0.0000e+00 0.0000e+00 0.0000e+00 -7.7591e+01 -1.1252e+02 7.9398e+00  
1126 0.0000e+00 0.0000e+00 0.0000e+00 -8.2400e+01 -1.0856e+02 1.8668e+00  
1115 0.0000e+00 0.0000e+00 0.0000e+00 -9.3153e+01 -1.0153e+02 7.2805e+00

1479 1113 0.0000e+00 0.0000e+00 0.0000e+00 -8.3593e+01 -1.0031e+02 1.8400e+01  
1124 0.0000e+00 0.0000e+00 0.0000e+00 -6.8965e+01 -1.0465e+02 1.3692e+01  
1125 0.0000e+00 0.0000e+00 0.0000e+00 -7.4665e+01 -1.1277e+02 9.1630e+00  
1114 0.0000e+00 0.0000e+00 0.0000e+00 -8.6566e+01 -1.0728e+02 1.3871e+01

1480 1112 0.0000e+00 0.0000e+00 0.0000e+00 -7.2931e+01 -6.9197e+01 1.9425e+01  
1123 0.0000e+00 0.0000e+00 0.0000e+00 -7.1442e+01 -7.1759e+01 1.8163e+01  
1124 0.0000e+00 0.0000e+00 0.0000e+00 -6.5347e+01 -9.7822e+01 1.6649e+01  
1113 0.0000e+00 0.0000e+00 0.0000e+00 -8.1352e+01 -9.7098e+01 1.7912e+01

1481 1111 0.0000e+00 0.0000e+00 0.0000e+00 -1.3762e+02 -8.3411e+00 7.1309e+00  
1122 0.0000e+00 0.0000e+00 0.0000e+00 1.5676e+00 1.0343e+01 7.3067e+00  
1123 0.0000e+00 0.0000e+00 0.0000e+00 -6.0986e+01 -6.2038e+01 7.9832e+00  
1112 0.0000e+00 0.0000e+00 0.0000e+00 -7.4744e+01 -4.4823e+01 7.8074e+00

1482 1109 0.0000e+00 0.0000e+00 0.0000e+00 -1.4105e+02 2.6858e+01 -1.9607e+01  
1120 0.0000e+00 0.0000e+00 0.0000e+00 -1.3910e+02 3.0743e+01 -1.7668e+01  
1121 0.0000e+00 0.0000e+00 0.0000e+00 -1.4027e+02 3.2245e+01 -1.1037e+01  
1110 0.0000e+00 0.0000e+00 0.0000e+00 -1.3631e+02 2.1732e+01 -1.2977e+01

1483 1108 0.0000e+00 0.0000e+00 0.0000e+00 -1.3455e+02 1.4153e+01 -1.7002e+01  
1119 0.0000e+00 0.0000e+00 0.0000e+00 -1.3303e+02 1.2119e+01 -2.3445e+01  
1120 0.0000e+00 0.0000e+00 0.0000e+00 -1.4040e+02 2.7341e+01 -2.2946e+01  
1109 0.0000e+00 0.0000e+00 0.0000e+00 -1.3905e+02 2.4223e+01 -1.6503e+01

1484 1107 0.0000e+00 0.0000e+00 0.0000e+00 -1.2319e+02 -1.2322e+01 -1.0874e+01  
1118 0.0000e+00 0.0000e+00 0.0000e+00 -1.2321e+02 -1.7117e+01 -2.0639e+01  
1119 0.0000e+00 0.0000e+00 0.0000e+00 -1.3267e+02 3.4987e+00 -2.4169e+01  
1108 0.0000e+00 0.0000e+00 0.0000e+00 -1.3171e+02 6.3689e+00 -1.4404e+01

1485 1106 0.0000e+00 0.0000e+00 0.0000e+00 -1.1260e+02 -4.1656e+01 -3.7986e+00  
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1107 0.0000e+00 0.0000e+00 0.0000e+00 -1.2079e+02 -2.1777e+01 -9.2496e+00

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1116 0.0000e+00 0.0000e+00 0.0000e+00 -1.0564e+02 -7.4848e+01 -3.2554e+00  
1117 0.0000e+00 0.0000e+00 0.0000e+00 -1.1250e+02 -5.7034e+01 -9.4922e+00  
1106 0.0000e+00 0.0000e+00 0.0000e+00 -1.1104e+02 -5.0542e+01 -2.3199e+00

1487 1104 0.0000e+00 0.0000e+00 0.0000e+00 -9.9088e+01 -8.7945e+01 1.1865e+01  
1115 0.0000e+00 0.0000e+00 0.0000e+00 -9.9103e+01 -9.4873e+01 6.3523e+00  
1116 0.0000e+00 0.0000e+00 0.0000e+00 -1.0452e+02 -8.1731e+01 1.2512e-01  
1105 0.0000e+00 0.0000e+00 0.0000e+00 -1.0382e+02 -7.5137e+01 5.6382e+00

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1114 0.0000e+00 0.0000e+00 0.0000e+00 -9.3471e+01 -1.0518e+02 1.4541e+01  
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1111 0.0000e+00 0.0000e+00 0.0000e+00 -4.8479e+01 -6.3618e+00 6.0103e+00  
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1101 0.0000e+00 0.0000e+00 0.0000e+00 -9.2101e+01 -5.7504e+01 9.7166e+00

1492 1098 0.0000e+00 0.0000e+00 0.0000e+00 -1.2892e+02 3.2318e+01 -2.2168e+01  
1109 0.0000e+00 0.0000e+00 0.0000e+00 -1.3718e+02 2.6348e+01 -1.6292e+01  
1110 0.0000e+00 0.0000e+00 0.0000e+00 -1.3641e+02 2.1323e+01 -1.7728e+01  
1099 0.0000e+00 0.0000e+00 0.0000e+00 -1.1885e+02 1.8471e+01 -2.3604e+01

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1109 0.0000e+00 0.0000e+00 0.0000e+00 -1.3815e+02 2.5487e+01 -1.8701e+01  
1098 0.0000e+00 0.0000e+00 0.0000e+00 -1.2778e+02 3.3102e+01 -1.1919e+01

1494 1096 0.0000e+00 0.0000e+00 0.0000e+00 -1.0938e+02 -7.1955e+00 8.2523e-01  
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1097 0.0000e+00 0.0000e+00 0.0000e+00 -1.1896e+02 1.2782e+01 -2.5512e+00

1495 1095 0.0000e+00 0.0000e+00 0.0000e+00 -1.0178e+02 -3.5477e+01 4.4833e+00  
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1096 0.0000e+00 0.0000e+00 0.0000e+00 -1.0812e+02 -1.7105e+01 1.6692e+00

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1094 0.0000e+00 0.0000e+00 0.0000e+00 -9.7359e+01 -6.7767e+01 1.0431e+01

1498 1092 0.0000e+00 0.0000e+00 0.0000e+00 -9.5135e+01 -9.3710e+01 2.0656e+01  
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1093 0.0000e+00 0.0000e+00 0.0000e+00 -9.6086e+01 -8.5785e+01 1.6518e+01

1499 1091 0.0000e+00 0.0000e+00 0.0000e+00 -9.6060e+01 -9.8672e+01 2.2818e+01  
1102 0.0000e+00 0.0000e+00 0.0000e+00 -9.5383e+01 -9.8767e+01 2.2223e+01  
1103 0.0000e+00 0.0000e+00 0.0000e+00 -9.6125e+01 -9.9582e+01 2.0913e+01  
1092 0.0000e+00 0.0000e+00 0.0000e+00 -9.6413e+01 -9.6832e+01 2.1507e+01

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1101 0.0000e+00 0.0000e+00 0.0000e+00 -9.9321e+01 -7.9604e+01 1.8402e+01  
1102 0.0000e+00 0.0000e+00 0.0000e+00 -9.3048e+01 -9.5191e+01 2.3622e+01  
1091 0.0000e+00 0.0000e+00 0.0000e+00 -9.7855e+01 -9.7942e+01 2.1303e+01

1501 1089 0.0000e+00 0.0000e+00 0.0000e+00 -1.2572e+02 -4.9553e+01 -5.9189e+00  
1100 0.0000e+00 0.0000e+00 0.0000e+00 -7.9600e+01 -2.8767e+01 2.9302e-01  
1101 0.0000e+00 0.0000e+00 0.0000e+00 -9.4340e+01 -6.9823e+01 1.2815e+01  
1090 0.0000e+00 0.0000e+00 0.0000e+00 -9.9537e+01 -7.6228e+01 6.6034e+00

1502 1087 0.0000e+00 0.0000e+00 0.0000e+00 -1.1050e+02 7.9599e+01 -2.4844e+01  
1098 0.0000e+00 0.0000e+00 0.0000e+00 -1.2970e+02 3.9995e+01 -1.2747e+01  
1099 0.0000e+00 0.0000e+00 0.0000e+00 -1.2629e+02 2.3376e+01 -3.1634e+01  
1088 0.0000e+00 0.0000e+00 0.0000e+00 -9.1625e+01 2.4784e+01 -4.3731e+01

1503 1086 0.0000e+00 0.0000e+00 0.0000e+00 -8.7524e+01 3.1427e+01 1.3007e+01  
1097 0.0000e+00 0.0000e+00 0.0000e+00 -1.2038e+02 2.6656e+01 -2.6721e+00  
1098 0.0000e+00 0.0000e+00 0.0000e+00 -1.2325e+02 3.6160e+01 -1.3108e+01  
1087 0.0000e+00 0.0000e+00 0.0000e+00 -1.1353e+02 5.4049e+01 2.5711e+00

1504 1085 0.0000e+00 0.0000e+00 0.0000e+00 -8.3999e+01 -5.8036e+00 8.6069e+00  
1096 0.0000e+00 0.0000e+00 0.0000e+00 -1.0391e+02 -5.8526e+00 8.4382e-01  
1097 0.0000e+00 0.0000e+00 0.0000e+00 -1.1377e+02 1.5660e+01 2.1646e+00  
1086 0.0000e+00 0.0000e+00 0.0000e+00 -8.8445e+01 1.2743e+01 9.9277e+00

1505 1084 0.0000e+00 0.0000e+00 0.0000e+00 -8.3595e+01 -3.3136e+01 7.1758e+00  
1095 0.0000e+00 0.0000e+00 0.0000e+00 -9.7074e+01 -3.5092e+01 3.5846e+00  
1096 0.0000e+00 0.0000e+00 0.0000e+00 -1.0287e+02 -1.3940e+01 4.1520e+00  
1085 0.0000e+00 0.0000e+00 0.0000e+00 -8.4417e+01 -1.7128e+01 7.7433e+00

1506 1083 0.0000e+00 0.0000e+00 0.0000e+00 -8.5263e+01 -5.5747e+01 9.0065e+00  
1094 0.0000e+00 0.0000e+00 0.0000e+00 -9.4658e+01 -5.9503e+01 7.7441e+00  
1095 0.0000e+00 0.0000e+00 0.0000e+00 -9.7757e+01 -4.1137e+01 6.2551e+00

	1084	0.0000e+00	0.0000e+00	0.0000e+00	-8.4489e+01	-4.1660e+01	7.5176e+00
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	-8.8772e+01	-7.4297e+01	1.2977e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-9.4761e+01	-7.9189e+01	1.3479e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-9.5868e+01	-6.4148e+01	1.0463e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-8.6740e+01	-6.2490e+01	9.9602e+00
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	-9.3891e+01	-8.8501e+01	1.7605e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-9.6340e+01	-9.3267e+01	1.9455e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-9.5950e+01	-8.2309e+01	1.6032e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-9.0873e+01	-7.9642e+01	1.4182e+01
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	-9.9798e+01	-9.8106e+01	2.0431e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	-9.7541e+01	-9.9606e+01	2.2597e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-9.6707e+01	-9.4758e+01	2.0922e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-9.6642e+01	-9.2622e+01	1.8757e+01
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	-9.7946e+01	-1.0438e+02	1.4570e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	-1.0157e+02	-9.2341e+01	1.5037e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	-9.5324e+01	-9.9318e+01	2.1983e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.0333e+02	-1.0236e+02	2.1515e+01
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	-1.1939e+02	-8.4227e+01	-1.8896e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-9.4282e+01	-5.6827e+01	-1.1344e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	-9.5608e+01	-8.7698e+01	1.0127e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.0415e+02	-1.0692e+02	2.5755e+00
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	6.8985e+00	3.8097e+01	3.4691e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-1.1246e+02	1.2181e+02	-8.6153e+00
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-1.5423e+02	4.6000e+01	-1.0379e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	-3.1107e+01	3.3638e+02	-6.0485e+01
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	-4.3376e+01	1.7410e+01	4.1693e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-6.9020e+01	2.4553e+01	8.0079e+00
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-8.2272e+01	6.8132e+01	1.5821e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	-2.3052e+01	5.8310e+01	1.1982e+01
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	-5.7942e+01	-1.0653e+01	1.5462e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-7.2578e+01	-9.9545e+00	5.9419e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-7.2594e+01	1.8488e+01	1.0046e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	-4.9828e+01	1.0274e+01	5.6507e+00
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	-6.7156e+01	-3.3766e+01	1.3445e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	-7.7049e+01	-3.4692e+01	4.7271e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-7.6124e+01	-1.3739e+01	6.1041e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	-6.1850e+01	-1.7655e+01	2.7215e+00
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	-7.4718e+01	-5.3606e+01	2.8863e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-8.1784e+01	-5.5890e+01	6.2415e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	-8.0129e+01	-3.8728e+01	5.6523e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	-7.0193e+01	-3.9733e+01	2.2970e+00
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	-8.2843e+01	-7.0761e+01	5.4367e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-8.7597e+01	-7.3941e+01	9.7660e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-8.4718e+01	-5.9472e+01	7.9367e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	-7.7747e+01	-5.8680e+01	3.6075e+00
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	-9.2787e+01	-8.5129e+01	8.2497e+00
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-9.5082e+01	-8.8547e+01	1.4158e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-9.0615e+01	-7.6442e+01	1.1835e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	-8.6370e+01	-7.4816e+01	5.9268e+00
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	-1.0541e+02	-9.7404e+01	1.0267e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.0366e+02	-9.9898e+01	1.7728e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-9.8150e+01	-8.9451e+01	1.5884e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-9.7176e+01	-8.7942e+01	8.4233e+00
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.1971e+02	-1.1330e+02	1.0007e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.1040e+02	-1.1125e+02	1.7034e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.0627e+02	-9.9588e+01	1.7548e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	-1.1090e+02	-9.8653e+01	1.0521e+01
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-1.2999e+02	-2.1025e+02	-2.5876e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-8.4242e+01	-9.7555e+01	-3.6562e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-9.9765e+01	-1.2623e+02	4.9176e+00
	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.3415e+02	-1.0361e+02	1.5603e+01
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	-1.1470e+02	1.2180e+02	9.7912e+00
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-1.6630e+01	3.7280e+01	-2.5280e+01

	20	0.0000e+00	0.0000e+00	0.0000e+00	-3.6982e+01	3.4227e+02	7.2953e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.5870e+02	4.3601e+01	1.0802e+02
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	-7.9990e+01	3.2071e+01	-1.0220e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-7.2334e+01	2.8085e+01	-1.3759e+00
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-4.9151e+01	6.5231e+01	-5.3722e+00
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-8.6946e+01	6.9957e+01	-1.4216e+01
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	-8.9324e+01	8.3549e+00	-9.8323e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-9.1505e+01	9.3985e+00	-1.1609e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-8.0148e+01	2.5060e+01	-2.7175e+00
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-8.4770e+01	2.9497e+01	-1.1389e+01
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	-9.7952e+01	-6.8734e+00	-8.8547e+00
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.0511e+02	-4.7968e+00	-1.8554e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-9.6641e+01	6.1743e+00	-1.7976e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-9.3578e+01	8.1248e+00	-8.7969e+00
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	-1.0402e+02	-2.4072e+01	-9.3543e+00
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.1767e+02	-2.0065e+01	-3.5108e+00
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.0943e+02	-7.5976e+00	-1.9255e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-1.0153e+02	-7.0462e+00	-7.7690e+00
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	-9.7195e+01	-5.4362e+01	-9.8603e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-1.3811e+02	-5.1125e+01	-6.7584e+00
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.2283e+02	-2.1774e+01	-3.2221e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-1.0679e+02	-2.6246e+01	-6.3240e+00
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	-3.0413e+01	-1.5149e+01	1.0623e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	-1.3286e+02	-2.9607e+02	6.7915e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-1.6488e+02	-2.4018e+01	-2.5707e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-6.8702e+01	-1.0084e+02	1.2611e+01
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	-1.1591e+02	3.5926e+01	7.5185e+00
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-1.0839e+02	8.0237e+01	2.3897e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-8.5773e+01	2.0848e+01	4.6701e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	-1.0848e+02	1.5448e+01	3.0322e+01
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	-1.1271e+02	3.2286e+01	-5.9323e+00
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-9.1643e+01	3.9507e+01	-1.6395e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-1.1328e+02	5.5605e+01	-3.3954e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-1.1028e+02	3.4487e+01	7.0676e+00
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.0204e+02	1.3001e+01	-1.0085e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-9.3781e+01	1.3245e+01	-1.2976e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-9.4192e+01	2.4267e+01	-1.3201e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-1.0694e+02	2.5002e+01	-1.0311e+01
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	-9.7975e+01	-3.0966e+00	-9.6171e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-9.6725e+01	-3.1972e+00	-1.0579e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-9.5484e+01	5.2675e+00	-1.2147e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.0098e+02	8.5835e+00	-1.1184e+01
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	-9.1602e+01	-1.6171e+01	-4.8336e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-9.6335e+01	-1.8959e+01	-8.5458e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-9.7980e+01	-1.0343e+01	-1.1317e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-9.6767e+01	-7.0896e+00	-7.6044e+00
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	-8.7089e+01	-1.9697e+01	1.4340e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-7.5494e+01	-4.2027e+01	3.0516e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-9.7465e+01	-3.1153e+01	-1.1387e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-8.5830e+01	-2.2007e+01	-9.8744e-02
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	-8.6632e+01	3.3764e+00	3.3689e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-9.9149e+01	3.5638e+00	4.7847e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-7.7481e+01	-6.0845e+01	2.8592e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-8.2322e+01	-1.8681e+01	1.4433e+01
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.1649e+02	1.6442e+01	4.9562e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-1.1043e+02	2.7103e+01	1.5279e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	-9.6915e+01	9.3406e+00	2.1403e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	-1.1106e+02	6.6522e+00	1.1080e+01
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.2013e+02	2.0136e+01	-2.7755e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-1.0858e+02	2.4938e+01	-3.2990e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-1.1129e+02	3.1076e+01	4.5058e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.1839e+02	1.8864e+01	5.0292e+00
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.1670e+02	1.2447e+01	-6.3171e+00



	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.0437e+02	1.2222e+01	-1.0104e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-1.0952e+02	2.2816e+01	-7.6675e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.1850e+02	1.7279e+01	-3.8805e+00
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.1175e+02	2.3816e+00	-4.6737e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-1.0090e+02	-1.5955e+00	-8.4624e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.0504e+02	7.4654e+00	-1.0745e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.1456e+02	8.4648e+00	-6.9564e+00
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.0761e+02	-4.1894e+00	2.6765e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-9.6095e+01	-1.4065e+01	-1.2509e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-1.0131e+02	-5.7744e+00	-7.8913e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.0960e+02	-1.1737e+00	-3.9639e+00
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.0641e+02	-2.7188e+00	1.4513e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-9.3271e+01	-1.7085e+01	1.3178e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-9.6167e+01	-1.4831e+01	2.5304e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.0596e+02	-5.9861e+00	3.8659e+00
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.0977e+02	9.8533e+00	2.1446e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	-1.0357e+02	7.3497e+00	2.8474e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-9.2516e+01	-1.1995e+01	2.1614e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.0793e+02	4.5563e-01	1.4586e+01
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.3131e+02	1.1632e+01	-1.4142e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.1972e+02	1.3988e+01	5.8465e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	-1.1115e+02	4.2091e+00	5.8561e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.2656e+02	6.5439e+00	-1.4046e+00
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.3538e+02	1.4585e+01	-2.9126e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.2215e+02	1.6473e+01	-9.3518e-01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.2066e+02	1.6173e+01	1.0534e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.3324e+02	1.3726e+01	-9.2403e-01
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.3488e+02	1.1567e+01	-3.4233e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.2022e+02	1.0441e+01	-5.0030e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.2274e+02	1.5751e+01	-4.5926e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.3527e+02	1.3730e+01	-3.0129e+00
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.3266e+02	6.9312e+00	-1.1975e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.1706e+02	2.2630e+00	-3.6905e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.2056e+02	8.3695e+00	-6.2912e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.3374e+02	9.3710e+00	-3.7983e+00
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.3117e+02	4.7901e+00	4.3502e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.1468e+02	-3.0542e+00	2.7809e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.1729e+02	6.2274e-01	-2.8609e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.3144e+02	5.0773e+00	-1.2915e+00
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.3173e+02	7.2347e+00	1.1702e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.1529e+02	-7.0267e-01	1.2523e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.1480e+02	-2.9348e+00	5.4321e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.3071e+02	4.5866e+00	4.6111e+00
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.3381e+02	1.3359e+01	1.6634e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.1980e+02	1.1197e+01	1.9861e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.1495e+02	1.5338e+00	1.5290e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.3274e+02	9.3380e+00	1.2063e+01
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.5089e+02	1.3601e+01	-7.0980e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.3733e+02	1.1098e+01	-1.6314e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.3114e+02	5.8352e+00	-4.9512e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.4705e+02	1.0570e+01	-1.0418e+01
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.5393e+02	1.4403e+01	-4.0433e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.4041e+02	1.3208e+01	-2.0842e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.3823e+02	1.2440e+01	-3.7920e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.5251e+02	1.4967e+01	-5.7510e+00
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.5426e+02	1.2038e+01	-2.2742e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.4014e+02	1.0260e+01	-2.6969e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.4073e+02	1.2842e+01	-4.0625e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.5444e+02	1.4041e+01	-3.6398e+00
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.5404e+02	1.0072e+01	-3.1325e-01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.3891e+02	6.3629e+00	-1.0744e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.4034e+02	9.3896e+00	-3.5036e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.5401e+02	1.0977e+01	-2.7425e+00

1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.5487e+02	1.1077e+01	3.4021e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.3874e+02	5.1240e+00	3.7541e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.3931e+02	6.1452e+00	-5.2222e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.5365e+02	9.5140e+00	-8.7424e-01
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.5671e+02	1.4941e+01	9.1732e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.4034e+02	8.2280e+00	1.0791e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.3925e+02	6.0612e+00	5.1523e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.5484e+02	1.1640e+01	3.5350e+00
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.5818e+02	1.8703e+01	1.5380e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.4223e+02	1.4068e+01	1.6866e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.4046e+02	9.7731e+00	1.1741e+01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.5722e+02	1.6311e+01	1.0255e+01
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	-1.6620e+02	2.0518e+01	-1.1394e+01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.5738e+02	1.4658e+01	-7.3288e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.5249e+02	1.1300e+01	-1.3542e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	-1.6363e+02	1.8984e+01	-1.7607e+01
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	-1.6699e+02	1.7486e+01	-4.3207e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.5943e+02	1.4816e+01	-3.7440e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.5782e+02	1.4900e+01	-7.7670e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-1.6754e+02	2.1001e+01	-8.3437e+00
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	-1.6637e+02	1.2665e+01	-1.5870e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.5903e+02	1.1718e+01	-2.3599e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.5909e+02	1.3645e+01	-4.1318e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-1.6772e+02	1.6561e+01	-3.3590e+00
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	-1.6694e+02	1.1179e+01	-1.2665e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.5884e+02	9.6164e+00	-1.1325e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.5894e+02	1.0871e+01	-2.2824e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-1.6659e+02	1.1815e+01	-2.4164e+00
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	-1.6985e+02	1.5306e+01	1.1367e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.6045e+02	1.1114e+01	2.1799e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.5952e+02	1.0191e+01	-3.6808e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-1.6699e+02	1.1554e+01	-2.4343e+00
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.7389e+02	2.2973e+01	5.3702e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.6350e+02	1.5750e+01	8.4809e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.6173e+02	1.3078e+01	3.4002e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-1.6996e+02	1.6931e+01	2.8942e-01
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	-1.7636e+02	2.7913e+01	1.4696e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.6503e+02	1.9988e+01	1.6251e+01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.6443e+02	1.7674e+01	9.3919e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.7411e+02	2.4701e+01	7.8364e+00
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	-1.6427e+02	3.3312e+01	-1.3042e+01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-1.7041e+02	2.4058e+01	-1.0895e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	-1.6675e+02	2.1874e+01	-2.0724e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	-1.6399e+02	3.4047e+01	-2.2872e+01
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	-1.6120e+02	2.2360e+01	-1.6465e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-1.6955e+02	1.9896e+01	-4.0218e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-1.6957e+02	2.2429e+01	-9.3880e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-1.6554e+02	3.1663e+01	-7.0126e+00
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	-1.5845e+02	1.1442e+01	1.3389e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-1.6700e+02	1.3296e+01	-2.3371e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-1.6786e+02	1.6737e+01	-2.6113e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-1.6212e+02	1.9189e+01	-1.4033e-01
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	-1.5890e+02	8.4450e+00	-3.3318e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-1.6662e+02	1.0955e+01	-3.1595e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-1.6627e+02	1.1616e+01	-1.1105e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-1.5893e+02	9.6601e+00	-1.2828e+00
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	-1.6356e+02	1.6458e+01	-6.0158e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-1.6994e+02	1.5455e+01	-2.2822e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-1.6758e+02	1.2144e+01	-1.6559e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-1.5907e+02	9.7754e+00	-5.3895e+00
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.7111e+02	3.2417e+01	-1.9547e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.7583e+02	2.4421e+01	4.0082e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-1.7246e+02	1.9265e+01	-1.7990e-01

	1031	0.0000e+00	0.0000e+00	0.0000e+00	-1.6353e+02	2.0400e+01	-6.1429e+00
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	-1.7652e+02	4.3818e+01	1.2300e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-1.7932e+02	3.0970e+01	1.5839e+01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.7839e+02	2.8298e+01	6.1701e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.7095e+02	3.6528e+01	2.6313e+00
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	-1.2552e+02	5.4281e+01	-9.8730e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-1.6276e+02	4.1136e+01	-1.1019e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	-1.6115e+02	4.0834e+01	-2.6356e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	-1.2923e+02	6.1123e+01	-2.5210e+01
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	-1.1840e+02	2.5885e+01	5.2736e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-1.5609e+02	2.6903e+01	-1.5218e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-1.5909e+02	3.5424e+01	-6.4196e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-1.2786e+02	4.7119e+01	3.7585e-01
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	-1.1557e+02	5.8508e+00	2.6968e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-1.4988e+02	1.2538e+01	-1.2915e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-1.5277e+02	2.0496e+01	2.3399e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-1.2000e+02	1.9267e+01	6.3282e+00
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	-1.1573e+02	3.0639e-02	-5.6891e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-1.4866e+02	8.4409e+00	-6.0176e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-1.4860e+02	9.5312e+00	1.0120e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-1.1640e+02	2.6169e+00	1.3406e+00
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	-1.1920e+02	1.1630e+01	-1.3961e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-1.5334e+02	1.7283e+01	-9.9589e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-1.4950e+02	9.9420e+00	-3.8108e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-1.1570e+02	2.1925e+00	-7.8132e+00
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	-1.2984e+02	4.1787e+01	-1.4772e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.6298e+02	3.5416e+01	-5.2462e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-1.5695e+02	2.3636e+01	-6.1062e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-1.1839e+02	1.9140e+01	-1.5632e+01
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	-1.3964e+02	7.0740e+01	5.5313e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	-1.7160e+02	5.0452e+01	1.3397e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.6882e+02	4.3948e+01	-2.7341e-01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-1.2799e+02	5.3462e+01	-8.1392e+00
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	-1.3616e+01	9.6718e+01	9.1917e-02
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-1.1442e+02	6.9498e+01	-4.1289e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	-1.1424e+02	7.5940e+01	-2.9345e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-2.1539e+01	1.0369e+02	-2.5124e+01
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	-1.9287e+01	3.7718e+01	8.5065e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-1.0003e+02	2.9918e+01	4.3881e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-1.0101e+02	5.4870e+01	6.6933e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-2.5859e+01	4.2045e+01	1.0812e+01
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	-2.6254e+01	2.8675e+00	1.0875e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-9.3757e+01	6.4132e+00	1.0282e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-9.5575e+01	2.2852e+01	1.0322e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-2.4545e+01	6.1368e+00	1.0381e+01
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	-2.8208e+01	-1.0494e+01	-7.2657e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-9.2296e+01	6.1485e-01	-7.5562e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-9.2436e+01	3.3255e+00	3.5504e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-2.8601e+01	-9.7776e+00	3.8409e+00
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	-2.3833e+01	-4.0047e+00	-1.6833e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-9.3929e+01	1.4242e+01	-1.7735e+01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-9.2108e+01	1.3159e+00	-5.7003e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-2.7309e+01	-6.6725e+00	-4.7987e+00
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	-2.2089e+01	2.7128e+01	-2.6710e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-1.0021e+02	4.8175e+01	-2.3330e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-9.6097e+01	1.9504e+01	-1.3333e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-2.0001e+01	1.8758e+01	-1.6713e+01
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	-2.7757e+01	1.1542e+02	-5.5598e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	-1.1898e+02	8.5181e+01	6.8915e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-1.1394e+02	6.6074e+01	-1.2531e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-9.9472e+00	7.8180e+01	-2.4982e+01
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	1.8237e+02	-9.8200e+01	-4.1663e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	6.7890e+01	1.0575e+02	-3.3217e+01

	558	0.0000e+00	0.0000e+00	0.0000e+00	-6.3684e+01	1.3499e+02	-2.4342e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	3.2944e+02	3.1959e+02	-3.2788e+01
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	1.3333e+02	-7.5023e+01	-2.4137e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	4.4494e+01	2.8556e+01	-9.8255e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	2.9723e+01	6.9103e+01	-1.0826e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	1.7436e+02	1.7486e+02	-2.5137e+01
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	1.0883e+02	-5.5968e+01	-1.3164e+01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	2.4432e+01	9.3856e-01	-5.8067e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	1.7016e+01	2.0457e+01	-6.9679e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	1.2975e+02	7.9895e+01	-1.4325e+01
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	1.0421e+02	-1.9792e+01	-4.1771e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.5617e+01	-6.9324e+00	-3.7461e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.3012e+01	-3.1742e+00	-4.2716e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	1.0760e+02	1.0831e+01	-4.7025e+00
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	1.1912e+02	3.6248e+01	3.9936e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	1.8605e+01	5.9314e+00	-2.9402e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.9691e+01	-6.6211e+00	-2.8982e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	1.0531e+02	-3.7030e+01	4.0356e+00
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	1.5540e+02	1.1553e+02	1.0097e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	3.7351e+01	4.8305e+01	-6.4036e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	3.9926e+01	8.6822e+00	-3.1888e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	1.2255e+02	-6.5556e+01	1.3311e+01
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	3.2657e+02	2.3595e+02	-3.6627e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	-4.9705e+01	1.4306e+02	-2.4547e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	7.5034e+01	7.5698e+01	9.0200e+00
	1013	0.0000e+00	0.0000e+00	0.0000e+00	1.6351e+02	-9.0369e+01	2.9905e+01
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	-1.0299e+02	1.2237e+02	1.0302e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-1.1504e+01	3.1321e+01	-1.7309e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	-8.0249e+00	3.4897e+02	7.8207e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	-1.5713e+02	4.9699e+01	1.0582e+02
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	-7.4948e+01	3.0092e+01	-1.0128e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-6.9175e+01	2.7258e+01	7.6478e-01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-4.6246e+01	6.6101e+01	-2.2325e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-7.7890e+01	6.9801e+01	-1.3125e+01
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	-8.5846e+01	7.2867e+00	-9.7427e+00
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-8.9189e+01	8.9475e+00	-4.5306e-01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-7.7401e+01	2.5243e+01	-1.1897e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-8.0589e+01	2.8509e+01	-1.0479e+01
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	-9.4529e+01	-7.8072e+00	-9.3429e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-1.0282e+02	-4.8766e+00	-2.4323e+00
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-9.4424e+01	6.0467e+00	-1.6019e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	-9.0244e+01	7.1669e+00	-8.5124e+00
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	-9.9489e+01	-2.4919e+01	-1.0507e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.1461e+02	-1.9677e+01	-5.4658e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-1.0695e+02	-7.9481e+00	-3.0237e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-9.7896e+01	-8.0291e+00	-8.0652e+00
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	-8.7514e+01	-5.4250e+01	-1.1280e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-1.3463e+02	-4.9866e+01	-1.0429e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.1926e+02	-2.2334e+01	-5.8182e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-1.0132e+02	-2.8003e+01	-6.6684e+00
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	-2.7553e+01	-8.7145e+00	1.0796e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	-1.0335e+02	-2.8885e+02	6.1928e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-1.5908e+02	-2.9436e+01	-3.4228e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	-5.6275e+01	-9.9953e+01	1.1802e+01
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	-1.1283e+02	3.7645e+01	6.5385e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-1.0208e+02	8.2822e+01	2.2500e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	-7.9997e+01	2.4487e+01	4.6088e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	-1.0562e+02	1.8242e+01	3.0127e+01
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	-1.0868e+02	3.1532e+01	-6.3913e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-8.7140e+01	3.8683e+01	-1.6472e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-1.0794e+02	5.4537e+01	-4.3593e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	-1.0637e+02	3.5283e+01	5.7212e+00
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	-9.8248e+01	1.1882e+01	-1.0228e+01

1003	0.0000e+00	0.0000e+00	0.0000e+00	-9.0112e+01	1.2192e+01	-1.2746e+01
1004	0.0000e+00	0.0000e+00	0.0000e+00	-8.9811e+01	2.3106e+01	-1.3195e+01
998	0.0000e+00	0.0000e+00	0.0000e+00	-1.0317e+02	2.4397e+01	-1.0678e+01
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	-9.4103e+01	-4.1298e+00
1002	0.0000e+00	0.0000e+00	0.0000e+00	-9.3003e+01	-4.2215e+00	-1.0627e+01
1003	0.0000e+00	0.0000e+00	0.0000e+00	-9.1859e+01	4.1896e+00	-1.2207e+01
997	0.0000e+00	0.0000e+00	0.0000e+00	-9.7256e+01	7.5439e+00	-1.1113e+01
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	-8.7248e+01	-1.6675e+01
1001	0.0000e+00	0.0000e+00	0.0000e+00	-9.1547e+01	-1.9951e+01	-8.6831e+00
1002	0.0000e+00	0.0000e+00	0.0000e+00	-9.4112e+01	-1.1349e+01	-1.1660e+01
996	0.0000e+00	0.0000e+00	0.0000e+00	-9.2696e+01	-8.1344e+00	-7.2934e+00
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	-8.2085e+01	-1.8649e+01
1000	0.0000e+00	0.0000e+00	0.0000e+00	-6.9369e+01	-4.2776e+01	3.8384e+00
1001	0.0000e+00	0.0000e+00	0.0000e+00	-9.2441e+01	-3.1820e+01	-1.1465e+01
995	0.0000e+00	0.0000e+00	0.0000e+00	-8.1058e+01	-2.2585e+01	5.4970e-01
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	-8.2025e+01	6.7174e+00
314	0.0000e+00	0.0000e+00	0.0000e+00	-9.2024e+01	7.6283e+00	4.8325e+01
1000	0.0000e+00	0.0000e+00	0.0000e+00	-7.0248e+01	-5.7996e+01	2.9776e+01
994	0.0000e+00	0.0000e+00	0.0000e+00	-7.7911e+01	-1.6648e+01	1.5666e+01
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	-1.1493e+02	1.7461e+01
999	0.0000e+00	0.0000e+00	0.0000e+00	-1.0738e+02	2.8462e+01	1.4566e+01
410	0.0000e+00	0.0000e+00	0.0000e+00	-9.4493e+01	1.1500e+01	2.1230e+01
399	0.0000e+00	0.0000e+00	0.0000e+00	-1.0985e+02	7.9731e+00	1.1441e+01
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	-1.1775e+02	2.0154e+01
998	0.0000e+00	0.0000e+00	0.0000e+00	-1.0517e+02	2.4634e+01	-3.9877e+00
999	0.0000e+00	0.0000e+00	0.0000e+00	-1.0836e+02	3.1688e+01	3.6610e+00
993	0.0000e+00	0.0000e+00	0.0000e+00	-1.1643e+02	1.9494e+01	4.6745e+00
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.1381e+02	1.1880e+01
997	0.0000e+00	0.0000e+00	0.0000e+00	-1.0095e+02	1.1366e+01	-1.0187e+01
998	0.0000e+00	0.0000e+00	0.0000e+00	-1.0613e+02	2.2117e+01	-8.1205e+00
992	0.0000e+00	0.0000e+00	0.0000e+00	-1.1593e+02	1.7100e+01	-4.1412e+00
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	-1.0852e+02	1.8158e+00
996	0.0000e+00	0.0000e+00	0.0000e+00	-9.7276e+01	-2.5297e+00	-8.1243e+00
997	0.0000e+00	0.0000e+00	0.0000e+00	-1.0159e+02	6.4611e+00	-1.0769e+01
991	0.0000e+00	0.0000e+00	0.0000e+00	-1.1156e+02	7.8810e+00	-6.7624e+00
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	-1.0411e+02	-4.2105e+00
995	0.0000e+00	0.0000e+00	0.0000e+00	-9.2033e+01	-1.4580e+01	-4.6104e-01
996	0.0000e+00	0.0000e+00	0.0000e+00	-9.7573e+01	-6.6048e+00	-7.4913e+00
990	0.0000e+00	0.0000e+00	0.0000e+00	-1.0626e+02	-1.6485e+00	-3.3040e+00
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	-1.0277e+02	-1.6823e+00
994	0.0000e+00	0.0000e+00	0.0000e+00	-8.9087e+01	-1.6115e+01	1.4436e+01
995	0.0000e+00	0.0000e+00	0.0000e+00	-9.1917e+01	-1.4984e+01	3.5680e+00
989	0.0000e+00	0.0000e+00	0.0000e+00	-1.0241e+02	-5.7236e+00	4.9160e+00
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	-1.0605e+02	1.2025e+01
304	0.0000e+00	0.0000e+00	0.0000e+00	-9.9213e+01	1.0205e+01	2.9257e+01
994	0.0000e+00	0.0000e+00	0.0000e+00	-8.8025e+01	-1.0282e+01	2.2789e+01
988	0.0000e+00	0.0000e+00	0.0000e+00	-1.0440e+02	1.9976e+00	1.5789e+01
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.3082e+02	1.2116e+01
993	0.0000e+00	0.0000e+00	0.0000e+00	-1.1828e+02	1.4750e+01	5.9181e+00
399	0.0000e+00	0.0000e+00	0.0000e+00	-1.1022e+02	5.1900e+00	6.2775e+00
388	0.0000e+00	0.0000e+00	0.0000e+00	-1.2643e+02	7.0405e+00	-5.1099e-01
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.3417e+02	1.4755e+01
992	0.0000e+00	0.0000e+00	0.0000e+00	-1.2009e+02	1.6513e+01	-1.0522e+00
993	0.0000e+00	0.0000e+00	0.0000e+00	-1.1916e+02	1.6676e+01	9.4719e-01
987	0.0000e+00	0.0000e+00	0.0000e+00	-1.3246e+02	1.4075e+01	-4.9553e-01
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.3301e+02	1.1473e+01
991	0.0000e+00	0.0000e+00	0.0000e+00	-1.1771e+02	1.0041e+01	-4.8062e+00
992	0.0000e+00	0.0000e+00	0.0000e+00	-1.2061e+02	1.5549e+01	-4.6480e+00
986	0.0000e+00	0.0000e+00	0.0000e+00	-1.3379e+02	1.3772e+01	-2.6412e+00
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	-1.3026e+02	6.8705e+00
990	0.0000e+00	0.0000e+00	0.0000e+00	-1.1418e+02	1.8503e+00	-3.0175e+00
991	0.0000e+00	0.0000e+00	0.0000e+00	-1.1795e+02	7.8516e+00	-5.9652e+00
985	0.0000e+00	0.0000e+00	0.0000e+00	-1.3167e+02	9.2573e+00	-3.1435e+00

1617	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.2835e+02	5.1180e+00	5.7063e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	-1.1152e+02	-2.9760e+00	3.8974e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	-1.1428e+02	2.6437e-01	-2.0446e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	-1.2890e+02	5.1238e+00	-2.3560e-01
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.2855e+02	8.2474e+00	1.3190e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	-1.1194e+02	3.6704e-01	1.3853e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	-1.1146e+02	-2.6520e+00	6.6581e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.2780e+02	5.1525e+00	5.9951e+00
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.3020e+02	1.5129e+01	1.7993e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	-1.1612e+02	1.3245e+01	2.0962e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	-1.1140e+02	2.8750e+00	1.6533e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.2947e+02	1.0645e+01	1.3564e+01
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.5135e+02	1.3699e+01	-5.8367e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.3699e+02	1.1411e+01	-8.4339e-01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.3127e+02	6.0850e+00	-3.9084e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.4790e+02	1.0479e+01	-8.9017e+00
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.5368e+02	1.4601e+01	-2.9157e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.3942e+02	1.3335e+01	-1.4735e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.3777e+02	1.2674e+01	-3.1503e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.5269e+02	1.5063e+01	-4.5926e+00
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.5329e+02	1.2282e+01	-9.9037e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.3856e+02	1.0252e+01	-1.9110e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.3962e+02	1.2869e+01	-3.4586e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.5392e+02	1.4213e+01	-2.5380e+00
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.5237e+02	1.0435e+01	1.2929e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	-1.3681e+02	6.4433e+00	7.6135e-02
	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.3861e+02	9.3142e+00	-2.6352e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.5279e+02	1.1233e+01	-1.4184e+00
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.5252e+02	1.1712e+01	5.3198e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.3615e+02	5.5881e+00	5.2553e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	-1.3702e+02	6.2234e+00	7.3283e-01
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.5177e+02	9.9583e+00	7.9735e-01
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.5370e+02	1.6034e+01	1.1259e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.3728e+02	9.3298e+00	1.2470e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.3645e+02	6.5904e+00	6.7169e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.5230e+02	1.2427e+01	5.5060e+00
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.5444e+02	2.0430e+01	1.7508e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.3858e+02	1.5864e+01	1.8526e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.3717e+02	1.0980e+01	1.3395e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.5398e+02	1.7599e+01	1.2377e+01
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	-1.6771e+02	2.0296e+01	-9.3892e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.5803e+02	1.4618e+01	-5.8183e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.5364e+02	1.0990e+01	-1.1803e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.6555e+02	1.8359e+01	-1.5374e+01
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	-1.6777e+02	1.7722e+01	-2.4406e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.5941e+02	1.4968e+01	-2.3722e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.5831e+02	1.4886e+01	-6.3823e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	-1.6875e+02	2.0874e+01	-6.4506e+00
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	-1.6636e+02	1.3234e+01	4.8035e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.5835e+02	1.2023e+01	-8.3371e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.5892e+02	1.3796e+01	-2.7953e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	-1.6820e+02	1.6861e+01	-1.4812e+00
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	-1.6608e+02	1.1972e+01	1.1701e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.5746e+02	1.0107e+01	7.2272e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.5805e+02	1.1151e+01	-7.1886e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	-1.6630e+02	1.2429e+01	-2.7148e-01
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	-1.6806e+02	1.6281e+01	2.9191e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.5833e+02	1.1889e+01	4.3624e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.5789e+02	1.0647e+01	1.5496e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-1.6586e+02	1.2387e+01	1.0632e-01
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.7112e+02	2.4225e+01	8.4023e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.6060e+02	1.6954e+01	1.0860e+01
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.5932e+02	1.3833e+01	5.6277e+00

	971	0.0000e+00	0.0000e+00	0.0000e+00	-1.6790e+02	1.7968e+01	3.1702e+00
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	-1.7263e+02	2.9744e+01	1.7817e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.6127e+02	2.1796e+01	1.8717e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.6122e+02	1.8908e+01	1.1786e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.7104e+02	2.6070e+01	1.0886e+01
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	-1.6707e+02	3.2762e+01	-1.0284e+01
	975	0.0000e+00	0.0000e+00	0.0000e+00	-1.7215e+02	2.3683e+01	-8.6298e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.6901e+02	2.1022e+01	-1.8207e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	-1.6718e+02	3.2821e+01	-1.9861e+01
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	-1.6327e+02	2.2704e+01	1.0089e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	-1.7062e+02	2.0085e+01	-1.8554e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	-1.7115e+02	2.2194e+01	-7.2500e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	-1.6800e+02	3.1335e+01	-4.3857e+00
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.5968e+02	1.2431e+01	3.0873e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-1.6735e+02	1.3929e+01	4.5396e-02
	974	0.0000e+00	0.0000e+00	0.0000e+00	-1.6875e+02	1.7027e+01	-4.9488e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-1.6385e+02	1.9703e+01	2.5470e+00
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	-1.5917e+02	9.7871e+00	1.2345e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	-1.6612e+02	1.1872e+01	-3.7455e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	-1.6638e+02	1.2272e+01	1.2912e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.5983e+02	1.0726e+01	1.7892e+00
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	-1.6276e+02	1.7896e+01	-2.0485e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-1.6848e+02	1.6560e+01	9.0490e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	-1.6678e+02	1.3012e+01	1.1705e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-1.5903e+02	1.1096e+01	-1.7829e+00
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.6909e+02	3.3861e+01	2.3309e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.7329e+02	2.5766e+01	7.4264e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-1.7062e+02	2.0281e+01	3.0320e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-1.6241e+02	2.1766e+01	-2.0635e+00
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	-1.7339e+02	4.5705e+01	1.6598e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-1.7567e+02	3.2855e+01	1.9328e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.7545e+02	2.9607e+01	9.6028e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.6860e+02	3.7957e+01	6.8736e+00
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.3008e+02	5.3384e+01	-6.4142e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	-1.6585e+02	4.0382e+01	-7.9919e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	-1.6475e+02	3.9339e+01	-2.3010e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-1.3408e+02	5.9078e+01	-2.1433e+01
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.2216e+02	2.6498e+01	8.7389e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	-1.5857e+02	2.7217e+01	1.4735e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	-1.6205e+02	3.4986e+01	-3.5491e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.3201e+02	4.6654e+01	3.7164e+00
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.1837e+02	7.3847e+00	6.6264e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.5161e+02	1.3613e+01	2.0216e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	-1.5505e+02	2.1016e+01	5.2808e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.2338e+02	2.0139e+01	9.8856e+00
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	-1.1762e+02	2.0843e+00	-1.1840e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-1.4948e+02	9.8940e+00	-2.1746e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.5006e+02	1.0689e+01	4.3710e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.1886e+02	4.2297e+00	5.3617e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	-1.2019e+02	1.3796e+01	-8.7928e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-1.5309e+02	1.8806e+01	-5.5298e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-1.5000e+02	1.1383e+01	9.3095e-02
	960	0.0000e+00	0.0000e+00	0.0000e+00	-1.1729e+02	4.1362e+00	-3.1700e+00
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.2963e+02	4.3521e+01	-9.0438e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.6148e+02	3.6885e+01	-4.7846e-01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-1.5628e+02	2.5030e+01	-1.6847e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	-1.1912e+02	2.1024e+01	-1.0250e+01
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.3833e+02	7.2391e+01	1.1094e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-1.6876e+02	5.2259e+01	1.8056e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.6677e+02	4.5254e+01	4.4469e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.2754e+02	5.4790e+01	-2.5149e+00
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	-2.0879e+01	9.4974e+01	4.2485e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.1928e+02	6.8335e+01	-4.2509e-01

	344	0.0000e+00	0.0000e+00	0.0000e+00	-1.1966e+02	7.3529e+01	-2.5296e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-2.9072e+01	1.0111e+02	-2.0622e+01
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.4907e+01	3.8385e+01	1.3192e+01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.0437e+02	3.0648e+01	8.2694e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.0596e+02	5.4275e+01	1.0152e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-3.2351e+01	4.2434e+01	1.5074e+01
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	-3.0630e+01	4.6415e+00	6.1059e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-9.7145e+01	8.0525e+00	5.2658e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-9.9603e+01	2.3724e+01	1.4218e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.9713e+01	7.6180e+00	1.5058e+01
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	-3.1897e+01	-7.9886e+00	-2.0068e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	-9.4832e+01	2.7066e+00	-2.8077e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-9.5559e+01	5.0774e+00	7.9208e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-3.2639e+01	-7.6156e+00	8.7217e+00
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	-2.7436e+01	-9.7327e-01	-1.1081e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	-9.5723e+01	1.6367e+01	-1.2240e+01
	960	0.0000e+00	0.0000e+00	0.0000e+00	-9.4481e+01	3.5367e+00	-8.0077e-01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-3.0805e+01	-4.0613e+00	3.5873e-01
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	-2.5623e+01	3.0187e+01	-1.9983e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.0119e+02	4.9756e+01	-1.6950e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	-9.7708e+01	2.1714e+01	-7.7913e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	-2.3536e+01	2.1317e+01	-1.0824e+01
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	-3.1073e+01	1.1620e+02	1.0190e+00
	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.1838e+02	8.6389e+01	1.2727e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.1409e+02	6.7174e+01	-6.3958e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.3885e+01	7.9054e+01	-1.8104e+01
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	1.7344e+02	-9.3537e+01	-3.2925e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	5.7899e+01	1.0479e+02	-2.7486e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-6.9938e+01	1.3125e+02	-1.9786e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	3.1126e+02	3.1279e+02	-2.5225e+01
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	1.2708e+02	-7.1665e+01	-1.7088e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	3.7756e+01	2.9817e+01	-4.3979e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	2.1761e+01	6.8835e+01	-5.0868e+00
	957	0.0000e+00	0.0000e+00	0.0000e+00	1.6636e+02	1.7182e+02	-1.7777e+01
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	1.0381e+02	-5.2390e+01	-7.0420e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	1.9366e+01	2.7984e+00	-3.9190e-01
	954	0.0000e+00	0.0000e+00	0.0000e+00	1.1522e+01	2.1723e+01	-1.1854e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	1.2385e+02	7.8641e+01	-7.8355e+00
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	9.9474e+01	-1.6060e+01	1.2418e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	1.1197e+01	-4.5069e+00	1.5855e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	8.6448e+00	-1.0309e+00	1.3423e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	1.0266e+02	1.1052e+01	9.9863e-01
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	1.1368e+02	3.9800e+01	8.7931e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	1.3900e+01	8.6934e+00	2.4447e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	1.5528e+01	-3.7743e+00	2.6775e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	1.0040e+02	-3.5389e+01	9.0259e+00
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	1.4776e+02	1.1821e+02	1.4355e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	3.0820e+01	5.0486e+01	-4.4902e-01
	948	0.0000e+00	0.0000e+00	0.0000e+00	3.4815e+01	1.2208e+01	2.6990e+00
	949	0.0000e+00	0.0000e+00	0.0000e+00	1.1661e+02	-6.2382e+01	1.7503e+01
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	3.0493e+02	2.3554e+02	8.7632e-01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-5.1255e+01	1.4239e+02	-1.6517e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	6.7232e+01	7.7473e+01	1.4845e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	1.5453e+02	-8.4044e+01	3.2239e+01
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	-8.7225e+01	1.2636e+02	8.6326e+00
	945	0.0000e+00	0.0000e+00	0.0000e+00	-1.4255e+01	1.9184e+01	-2.2265e+01
	18	0.0000e+00	0.0000e+00	0.0000e+00	-9.7679e+00	3.4244e+02	6.9156e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-1.5372e+02	5.3039e+01	1.0005e+02
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	-6.7639e+01	2.8582e+01	-1.2480e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	-6.0398e+01	2.8149e+01	-3.0568e+00
	945	0.0000e+00	0.0000e+00	0.0000e+00	-4.5474e+01	6.4445e+01	-5.3192e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	-6.3652e+01	6.8522e+01	-1.4742e+01
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	-7.7058e+01	8.3522e+00	-9.6486e+00



	943	0.0000e+00	0.0000e+00	0.0000e+00	-7.8290e+01	7.9525e+00	-2.2961e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	-6.8018e+01	2.3847e+01	-4.2938e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	-7.2574e+01	2.7429e+01	-1.1646e+01
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	-8.5456e+01	-4.5447e+00	-7.6543e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	-8.9985e+01	-4.4169e+00	-1.7909e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	-8.2734e+01	5.4635e+00	-2.6431e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	-8.0940e+01	7.2899e+00	-8.5065e+00
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	-9.3149e+01	-1.5594e+01	-7.2046e+00
	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.0069e+02	-1.4299e+01	-1.4406e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	-9.3469e+01	-6.1775e+00	-1.2183e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	-8.8802e+01	-5.3263e+00	-6.9823e+00
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	-1.0031e+02	-2.9987e+01	-8.6348e+00
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.1381e+02	-2.6468e+01	-2.1386e+00
	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.0443e+02	-1.5801e+01	-3.7041e-01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-9.6657e+01	-1.5807e+01	-6.8666e+00
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	-1.0480e+02	-6.0115e+01	-1.0042e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-1.3128e+02	-5.6015e+01	-3.7834e+00
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.1958e+02	-2.9187e+01	-1.2392e+00
	933	0.0000e+00	0.0000e+00	0.0000e+00	-1.0395e+02	-3.0157e+01	-7.4979e+00
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	-2.5270e+01	-2.5517e+01	1.0440e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	-1.3851e+02	-3.0601e+02	6.7995e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-1.5792e+02	-1.4639e+01	-2.3328e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	-7.8916e+01	-1.1312e+02	1.3073e+01
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.1036e+02	4.3667e+01	5.0381e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	-9.2827e+01	9.1414e+01	1.7750e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-7.7821e+01	2.7033e+01	4.2847e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	-9.9856e+01	2.4757e+01	3.0135e+01
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	-9.9789e+01	3.3319e+01	-6.7187e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	-7.9001e+01	3.7170e+01	-1.7710e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-1.0047e+02	5.4526e+01	-7.9887e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.0037e+02	3.9000e+01	3.0028e+00
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	-9.0426e+01	1.2475e+01	-1.0547e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	-8.1539e+01	1.2069e+01	-1.2493e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	-8.1323e+01	2.3719e+01	-1.3648e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	-9.4547e+01	2.5616e+01	-1.1703e+01
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	-8.9459e+01	-2.3947e+00	-1.0876e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-8.6196e+01	-2.4317e+00	-9.9414e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	-8.3328e+01	5.8864e+00	-1.1314e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	-9.0451e+01	8.5855e+00	-1.2249e+01
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	-8.9839e+01	-1.4143e+01	-1.0281e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-9.0814e+01	-1.3613e+01	-9.1214e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	-8.7934e+01	-6.5909e+00	-9.7620e+00
	928	0.0000e+00	0.0000e+00	0.0000e+00	-9.0391e+01	-4.7834e+00	-1.0922e+01
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	-8.6999e+01	-2.5429e+01	-7.5361e+00
	933	0.0000e+00	0.0000e+00	0.0000e+00	-9.2420e+01	-2.6238e+01	-8.9286e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	-9.2396e+01	-1.8348e+01	-1.0022e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	-8.9818e+01	-1.6978e+01	-8.6294e+00
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	-8.2799e+01	-2.9726e+01	8.9769e+00
	932	0.0000e+00	0.0000e+00	0.0000e+00	-7.3597e+01	-4.7807e+01	-8.5146e-01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-9.4170e+01	-3.6402e+01	-1.2570e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	-8.1950e+01	-3.1125e+01	-2.7421e+00
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	-8.6419e+01	-7.6054e+00	3.1803e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	-9.6639e+01	-4.3172e+00	4.6290e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	-7.8924e+01	-7.7253e+01	2.4371e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	-7.5061e+01	-3.0277e+01	9.8847e+00
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.1137e+02	2.2577e+01	6.4090e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.0290e+02	3.3622e+01	1.4404e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	-9.1068e+01	1.8020e+01	2.2185e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	-1.0716e+02	1.3556e+01	1.4190e+01
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	-1.1188e+02	2.2808e+01	-2.5014e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	-9.8409e+01	2.7217e+01	-5.1907e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.0355e+02	3.5590e+01	2.9368e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.1214e+02	2.3800e+01	5.6261e+00

1680 922 0.0000e+00 0.0000e+00 0.0000e+00 -1.0683e+02 1.1336e+01 -7.4823e+00  
929 0.0000e+00 0.0000e+00 0.0000e+00 -9.3922e+01 1.2103e+01 -1.1541e+01  
930 0.0000e+00 0.0000e+00 0.0000e+00 -9.9290e+01 2.3071e+01 -8.8843e+00  
923 0.0000e+00 0.0000e+00 0.0000e+00 -1.0961e+02 1.8542e+01 -4.8255e+00

1681 921 0.0000e+00 0.0000e+00 0.0000e+00 -1.0265e+02 -1.0743e+00 -9.1774e+00  
928 0.0000e+00 0.0000e+00 0.0000e+00 -9.2346e+01 -1.5800e+00 -1.1592e+01  
929 0.0000e+00 0.0000e+00 0.0000e+00 -9.4570e+01 6.8804e+00 -1.1924e+01  
922 0.0000e+00 0.0000e+00 0.0000e+00 -1.0527e+02 7.0372e+00 -9.5097e+00

1682 920 0.0000e+00 0.0000e+00 0.0000e+00 -1.0020e+02 -1.0713e+01 -8.2219e+00  
927 0.0000e+00 0.0000e+00 0.0000e+00 -9.1299e+01 -1.3005e+01 -9.8834e+00  
928 0.0000e+00 0.0000e+00 0.0000e+00 -9.3008e+01 -5.8458e+00 -1.1794e+01  
921 0.0000e+00 0.0000e+00 0.0000e+00 -1.0183e+02 -4.3289e+00 -1.0133e+01

1683 919 0.0000e+00 0.0000e+00 0.0000e+00 -9.8671e+01 -1.6292e+01 -2.6686e+00  
926 0.0000e+00 0.0000e+00 0.0000e+00 -8.8392e+01 -2.3742e+01 -4.7111e+00  
927 0.0000e+00 0.0000e+00 0.0000e+00 -9.2231e+01 -1.6522e+01 -9.9345e+00  
920 0.0000e+00 0.0000e+00 0.0000e+00 -9.8931e+01 -1.3560e+01 -7.8921e+00

1684 918 0.0000e+00 0.0000e+00 0.0000e+00 -9.9364e+01 -1.4079e+01 8.7096e+00  
925 0.0000e+00 0.0000e+00 0.0000e+00 -8.7144e+01 -2.7658e+01 8.6474e+00  
926 0.0000e+00 0.0000e+00 0.0000e+00 -8.9512e+01 -2.4985e+01 -1.6517e+00  
919 0.0000e+00 0.0000e+00 0.0000e+00 -9.7121e+01 -1.8037e+01 -1.5895e+00

1685 845 0.0000e+00 0.0000e+00 0.0000e+00 -1.0584e+02 4.8600e-01 1.6757e+01  
853 0.0000e+00 0.0000e+00 0.0000e+00 -1.0067e+02 -3.3912e+00 2.5687e+01  
925 0.0000e+00 0.0000e+00 0.0000e+00 -8.7381e+01 -2.2430e+01 1.7689e+01  
918 0.0000e+00 0.0000e+00 0.0000e+00 -1.0121e+02 -1.0367e+01 8.7591e+00

1686 917 0.0000e+00 0.0000e+00 0.0000e+00 -1.2767e+02 1.6054e+01 3.1940e+00  
924 0.0000e+00 0.0000e+00 0.0000e+00 -1.1487e+02 1.9370e+01 8.4298e+00  
516 0.0000e+00 0.0000e+00 0.0000e+00 -1.0768e+02 1.0465e+01 9.2911e+00  
505 0.0000e+00 0.0000e+00 0.0000e+00 -1.2436e+02 1.2064e+01 4.0552e+00

1687 916 0.0000e+00 0.0000e+00 0.0000e+00 -1.2868e+02 1.5673e+01 -2.3043e-02  
923 0.0000e+00 0.0000e+00 0.0000e+00 -1.1446e+02 1.8859e+01 -4.6668e-01  
924 0.0000e+00 0.0000e+00 0.0000e+00 -1.1500e+02 2.0539e+01 2.7235e+00  
917 0.0000e+00 0.0000e+00 0.0000e+00 -1.2904e+02 1.7367e+01 3.1671e+00

1688 915 0.0000e+00 0.0000e+00 0.0000e+00 -1.2533e+02 7.7413e+00 -3.4855e+00  
922 0.0000e+00 0.0000e+00 0.0000e+00 -1.1057e+02 9.1937e+00 -6.7369e+00  
923 0.0000e+00 0.0000e+00 0.0000e+00 -1.1444e+02 1.6086e+01 -4.5702e+00  
916 0.0000e+00 0.0000e+00 0.0000e+00 -1.2798e+02 1.3220e+01 -1.3188e+00

1689 914 0.0000e+00 0.0000e+00 0.0000e+00 -1.2148e+02 -1.6504e+00 -5.9564e+00  
921 0.0000e+00 0.0000e+00 0.0000e+00 -1.0691e+02 -1.8752e+00 -9.0331e+00  
922 0.0000e+00 0.0000e+00 0.0000e+00 -1.1047e+02 5.3012e+00 -8.6009e+00  
915 0.0000e+00 0.0000e+00 0.0000e+00 -1.2410e+02 4.2148e+00 -5.5241e+00

1690 913 0.0000e+00 0.0000e+00 0.0000e+00 -1.1942e+02 -8.1688e+00 -6.2664e+00  
920 0.0000e+00 0.0000e+00 0.0000e+00 -1.0450e+02 -1.0802e+01 -8.0583e+00  
921 0.0000e+00 0.0000e+00 0.0000e+00 -1.0712e+02 -5.1179e+00 -9.6729e+00  
914 0.0000e+00 0.0000e+00 0.0000e+00 -1.2039e+02 -4.5332e+00 -7.8810e+00

1691 912 0.0000e+00 0.0000e+00 0.0000e+00 -1.1990e+02 -9.6773e+00 -3.0554e+00  
919 0.0000e+00 0.0000e+00 0.0000e+00 -1.0380e+02 -1.5611e+01 -3.0996e+00  
920 0.0000e+00 0.0000e+00 0.0000e+00 -1.0524e+02 -1.2619e+01 -7.5337e+00  
913 0.0000e+00 0.0000e+00 0.0000e+00 -1.1854e+02 -9.7153e+00 -7.4895e+00

1692 911 0.0000e+00 0.0000e+00 0.0000e+00 -1.2325e+02 -5.2249e+00 3.1741e+00  
918 0.0000e+00 0.0000e+00 0.0000e+00 -1.0705e+02 -1.2455e+01 5.9906e+00  
919 0.0000e+00 0.0000e+00 0.0000e+00 -1.0489e+02 -1.5251e+01 -6.9990e-01  
912 0.0000e+00 0.0000e+00 0.0000e+00 -1.1976e+02 -9.1461e+00 -3.5164e+00

1693 837 0.0000e+00 0.0000e+00 0.0000e+00 -1.2909e+02 4.0886e+00 7.8799e+00  
845 0.0000e+00 0.0000e+00 0.0000e+00 -1.1547e+02 1.7707e+00 1.3778e+01  
918 0.0000e+00 0.0000e+00 0.0000e+00 -1.0768e+02 -8.9325e+00 9.0095e+00  
911 0.0000e+00 0.0000e+00 0.0000e+00 -1.2504e+02 -1.7462e+00 3.1114e+00

1694 910 0.0000e+00 0.0000e+00 0.0000e+00 -1.4857e+02 1.6786e+01 8.5629e-01  
917 0.0000e+00 0.0000e+00 0.0000e+00 -1.3399e+02 1.5066e+01 4.1296e+00  
505 0.0000e+00 0.0000e+00 0.0000e+00 -1.2941e+02 1.0896e+01 9.6550e-01  
494 0.0000e+00 0.0000e+00 0.0000e+00 -1.4658e+02 1.5482e+01 -2.3078e+00

1695 909 0.0000e+00 0.0000e+00 0.0000e+00 -1.4793e+02 1.2946e+01 2.4825e+00  
916 0.0000e+00 0.0000e+00 0.0000e+00 -1.3380e+02 1.3606e+01 1.5739e+00  
917 0.0000e+00 0.0000e+00 0.0000e+00 -1.3372e+02 1.5337e+01 1.1276e+00

	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.4982e+02	1.6887e+01	2.0362e+00
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.4438e+02	4.0151e+00	6.3793e-01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.3016e+02	5.6191e+00	-2.5396e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.3295e+02	1.1054e+01	-1.3768e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.4796e+02	1.0341e+01	1.8007e+00
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.4110e+02	-4.5146e+00	-3.0489e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.2640e+02	-3.3910e+00	-5.8943e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.2945e+02	2.3167e+00	-4.5351e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.4375e+02	7.3130e-01	-1.6897e+00
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.4039e+02	-8.4969e+00	-6.1155e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	-1.2471e+02	-9.3418e+00	-6.9621e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.2640e+02	-5.6734e+00	-6.8604e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.4040e+02	-6.7212e+00	-6.0137e+00
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.4303e+02	-6.3434e+00	-6.2919e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	-1.2617e+02	-1.0036e+01	-4.5250e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	-1.2565e+02	-9.6498e+00	-6.8504e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.4001e+02	-8.7075e+00	-8.6172e+00
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.4816e+02	7.1043e-01	-2.8506e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	-1.3098e+02	-4.7606e+00	1.1761e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	-1.2773e+02	-8.1874e+00	-3.4619e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.4333e+02	-4.4142e+00	-7.4887e+00
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.5336e+02	8.6150e+00	2.3521e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.3733e+02	4.4545e+00	6.8372e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	-1.3229e+02	-1.4235e+00	2.0284e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.4940e+02	4.0005e+00	-2.4566e+00
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	-1.6586e+02	2.3152e+01	2.1846e-01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.5559e+02	1.7621e+01	1.8704e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.5276e+02	1.5995e+01	-4.9747e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	-1.6538e+02	2.4107e+01	-6.6266e+00
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	-1.6238e+02	1.3337e+01	6.5671e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.5371e+02	1.2499e+01	3.8393e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.5456e+02	1.6163e+01	8.0165e-01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-1.6701e+02	2.1379e+01	3.5294e+00
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	-1.5729e+02	-2.9259e-01	5.4491e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.4890e+02	2.3619e+00	1.2483e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.5178e+02	8.6024e+00	2.3283e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	-1.6284e+02	9.1044e+00	6.5290e+00
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	-1.5398e+02	-1.0459e+01	-6.9393e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.4489e+02	-6.7170e+00	-3.5684e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.4745e+02	-1.4202e+00	-2.4180e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-1.5719e+02	-4.3087e+00	2.6326e+00
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	-1.5446e+02	-1.2817e+01	-7.8115e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.4419e+02	-1.0475e+01	-7.7015e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.4472e+02	-8.5317e+00	-4.6303e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	-1.5371e+02	-1.2311e+01	-4.7402e+00
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	-1.5927e+02	-6.3339e+00	-1.1994e+01
	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.4761e+02	-7.4345e+00	-8.5111e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.4553e+02	-9.5010e+00	-7.9805e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	-1.5436e+02	-1.1659e+01	-1.1464e+01
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	-1.6669e+02	5.9314e+00	-1.0304e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.5408e+02	8.0681e-01	-4.7211e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.5006e+02	-4.0261e+00	-8.0197e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	-1.5951e+02	-2.5760e+00	-1.3603e+01
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	-1.7237e+02	1.6316e+01	-2.4645e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.6038e+02	9.4613e+00	2.0345e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.5643e+02	4.8456e+00	-4.1704e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	-1.6729e+02	1.0358e+01	-8.6694e+00
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	-1.6695e+02	3.6263e+01	2.1991e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	-1.7112e+02	2.6657e+01	1.9833e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	-1.6972e+02	2.7200e+01	-9.3991e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	-1.6878e+02	4.0280e+01	-9.1833e+00
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	-1.5983e+02	1.5617e+01	1.3517e+01
	902	0.0000e+00	0.0000e+00	0.0000e+00	-1.6588e+02	1.4636e+01	7.8740e+00

	903	0.0000e+00	0.0000e+00	0.0000e+00	-1.6846e+02	2.2456e+01	3.2688e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	-1.6858e+02	3.0653e+01	8.9122e+00
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	-1.5328e+02	-6.5122e+00	1.1285e+01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-1.5854e+02	-1.5048e+00	5.5281e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	-1.6242e+02	8.1172e+00	8.2245e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	-1.6096e+02	7.7503e+00	1.3981e+01
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	-1.5002e+02	-2.0522e+01	1.2234e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	-1.5378e+02	-1.2989e+01	-1.9108e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	-1.5633e+02	-6.5682e+00	4.8609e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	-1.5376e+02	-1.2532e+01	7.9951e+00
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	-1.5101e+02	-2.2218e+01	-1.0865e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	-1.5373e+02	-1.5291e+01	-1.0250e+01
	900	0.0000e+00	0.0000e+00	0.0000e+00	-1.5342e+02	-1.4796e+01	-2.8972e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	-1.5008e+02	-2.2523e+01	-3.5128e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	-1.5706e+02	-1.0477e+01	-1.9992e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-1.5888e+02	-7.6462e+00	-1.5168e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	-1.5540e+02	-1.3165e+01	-1.0591e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-1.5085e+02	-1.9459e+01	-1.5415e+01
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	-1.6727e+02	1.1370e+01	-2.0552e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	-1.6777e+02	6.5576e+00	-1.2686e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-1.6251e+02	-1.9869e+00	-1.4285e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-1.5674e+02	-3.6121e+00	-2.2151e+01
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	-1.7452e+02	2.9973e+01	-8.1523e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-1.7593e+02	1.8967e+01	-2.2844e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	-1.7191e+02	1.3027e+01	-1.1015e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	-1.6677e+02	1.9422e+01	-1.6883e+01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.3206e+02	5.7423e+01	8.0444e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	-1.6724e+02	4.4148e+01	5.0302e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	-1.6776e+02	4.7901e+01	-1.2584e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-1.3758e+02	6.9734e+01	-9.5695e+00
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.2317e+02	1.5133e+01	2.2808e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-1.5631e+02	1.8455e+01	1.3828e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-1.6157e+02	3.4522e+01	1.0111e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.3593e+02	4.5253e+01	1.9090e+01
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	-1.1950e+02	-1.7251e+01	1.5945e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-1.4677e+02	-7.8589e+00	1.0257e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-1.5203e+02	8.3502e+00	1.6815e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.2566e+02	4.6714e+00	2.2503e+01
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	-1.1838e+02	-3.5214e+01	2.1078e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	-1.4218e+02	-2.3345e+01	-4.9840e-01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-1.4485e+02	-1.4263e+01	1.0458e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-1.2094e+02	-2.4232e+01	1.3064e+01
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	-1.1863e+02	-3.6638e+01	-1.3658e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-1.4231e+02	-2.4610e+01	-1.3449e+01
	893	0.0000e+00	0.0000e+00	0.0000e+00	-1.4182e+02	-2.5401e+01	-1.4823e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	-1.1871e+02	-3.7224e+01	-1.6919e+00
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	-1.2140e+02	-2.0022e+01	-2.7776e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-1.4778e+02	-1.1087e+01	-2.3878e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-1.4342e+02	-2.1933e+01	-1.3782e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-1.1794e+02	-3.3120e+01	-1.7680e+01
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	-1.3218e+02	1.6285e+01	-3.3957e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	-1.5857e+02	1.3624e+01	-2.4291e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-1.5157e+02	-2.9981e+00	-2.1716e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-1.1979e+02	-1.0791e+01	-3.1382e+01
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	-1.4124e+02	5.3904e+01	-1.6313e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-1.7078e+02	3.6350e+01	-7.5732e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	-1.6570e+02	2.5352e+01	-1.9748e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-1.2878e+02	3.2064e+01	-2.8488e+01
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	-2.3044e+01	1.0029e+02	1.9791e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.2386e+02	7.2996e+01	1.3843e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-1.2364e+02	8.5635e+01	-1.3648e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-3.5201e+01	1.1313e+02	-7.7010e+00
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	-3.3513e+01	2.6717e+01	2.4079e+01

	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.0783e+02	1.6878e+01	2.1367e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.0689e+02	5.3141e+01	2.6340e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-3.9895e+01	3.3392e+01	2.9051e+01
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	-4.4713e+01	-2.0960e+01	1.2857e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-1.0251e+02	-1.9125e+01	1.4164e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.0293e+02	7.5900e+00	2.6351e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-4.1677e+01	-1.4865e+01	2.5044e+01
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	-5.0565e+01	-4.6830e+01	2.0446e-01
	886	0.0000e+00	0.0000e+00	0.0000e+00	-1.0118e+02	-3.7616e+01	8.1562e-01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-1.0104e+02	-2.4521e+01	1.4875e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	-4.9475e+01	-4.3328e+01	1.4263e+01
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	-4.9602e+01	-5.3551e+01	-1.3601e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-9.9959e+01	-3.7922e+01	-1.4925e+01
	886	0.0000e+00	0.0000e+00	0.0000e+00	-1.0058e+02	-3.9545e+01	-1.2318e-01
	875	0.0000e+00	0.0000e+00	0.0000e+00	-5.1637e+01	-5.3417e+01	1.2001e+00
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	-4.1432e+01	-4.0984e+01	-2.7918e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-9.9657e+01	-1.8884e+01	-3.0719e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-9.9736e+01	-3.6415e+01	-1.5499e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-4.6973e+01	-4.4652e+01	-1.2698e+01
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	-3.4982e+01	-4.7568e+00	-4.2173e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-1.0214e+02	2.1803e+01	-4.1972e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-1.0126e+02	-1.3246e+01	-2.8434e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	-3.5459e+01	-1.3670e+01	-2.8635e+01
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	-3.7510e+01	9.2824e+01	-2.6808e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-1.2209e+02	6.7607e+01	-1.5205e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-1.1646e+02	4.2577e+01	-3.1355e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	-1.9852e+01	4.9550e+01	-4.2958e+01
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	1.5631e+02	-1.2125e+02	-3.3329e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	6.1672e+01	1.0410e+02	-2.1580e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-8.2817e+01	1.5055e+02	-9.0683e+00
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.2438e+02	3.5095e+02	-2.0818e+01
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	9.9783e+01	-1.1484e+02	-1.6353e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	2.8616e+01	1.4734e+01	4.6675e-01
	881	0.0000e+00	0.0000e+00	0.0000e+00	8.7903e+00	6.1249e+01	9.2810e-01
	882	0.0000e+00	0.0000e+00	0.0000e+00	1.5336e+02	1.8990e+02	-1.5892e+01
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	6.7634e+01	-1.1082e+02	-8.8633e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	2.5595e+00	-2.6501e+01	4.1823e-01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-9.8612e+00	-2.1792e-01	2.1749e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	9.8682e+01	8.0600e+01	-7.1066e+00
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	5.5073e+01	-9.0434e+01	-5.4708e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	-1.2203e+01	-4.8119e+01	-2.4580e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	-1.8795e+01	-3.6130e+01	6.7511e-01
	878	0.0000e+00	0.0000e+00	0.0000e+00	6.7711e+01	-6.0611e-02	-2.3376e+00
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	5.9651e+01	-5.1450e+01	-3.7689e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	-1.6105e+01	-5.0309e+01	-6.5466e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	-1.7951e+01	-5.1610e+01	-2.9340e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	5.5922e+01	-5.7670e+01	-1.5633e-01
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	8.2695e+01	8.7921e+00	-1.4254e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	-8.9768e+00	-3.1918e+01	-1.0754e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-6.2078e+00	-4.7715e+01	-7.2704e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	6.1205e+01	-9.5369e+01	2.0581e+00
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	1.2839e+02	9.4405e+01	1.4362e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.3471e+01	1.4744e+01	-1.7417e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	1.8730e+01	-2.4925e+01	-1.2235e+01
	872	0.0000e+00	0.0000e+00	0.0000e+00	8.5300e+01	-1.1491e+02	6.6179e+00
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	3.0173e+02	2.2133e+02	-1.5620e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-5.7329e+01	1.2322e+02	-4.0567e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	6.1650e+01	4.2016e+01	-4.6228e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	1.3268e+02	-1.2774e+02	2.0324e+01
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	-8.6660e+01	1.2697e+02	7.7530e+00
	868	0.0000e+00	0.0000e+00	0.0000e+00	-1.0499e+01	1.4315e+01	-2.3398e+01
	17	0.0000e+00	0.0000e+00	0.0000e+00	-1.2320e+00	3.5306e+02	7.0017e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	-1.5844e+02	5.4219e+01	1.0117e+02

1743 859 0.0000e+00 0.0000e+00 0.0000e+00 -6.7035e+01 2.4523e+01 -1.3758e+01  
867 0.0000e+00 0.0000e+00 0.0000e+00 -5.8724e+01 2.3875e+01 -3.8658e+00  
868 0.0000e+00 0.0000e+00 0.0000e+00 -4.3210e+01 6.1942e+01 -6.5466e+00  
860 0.0000e+00 0.0000e+00 0.0000e+00 -6.2697e+01 6.6637e+01 -1.6438e+01

1744 858 0.0000e+00 0.0000e+00 0.0000e+00 -7.6592e+01 4.3061e+00 -1.0411e+01  
866 0.0000e+00 0.0000e+00 0.0000e+00 -7.7330e+01 3.7604e+00 -2.8715e+00  
867 0.0000e+00 0.0000e+00 0.0000e+00 -6.6620e+01 1.9546e+01 -5.1798e+00  
859 0.0000e+00 0.0000e+00 0.0000e+00 -7.2171e+01 2.3601e+01 -1.2720e+01

1745 857 0.0000e+00 0.0000e+00 0.0000e+00 -8.4711e+01 -7.4808e+00 -8.1242e+00  
865 0.0000e+00 0.0000e+00 0.0000e+00 -8.9126e+01 -7.3350e+00 -2.3305e+00  
866 0.0000e+00 0.0000e+00 0.0000e+00 -8.1761e+01 1.4885e+00 -3.3177e+00  
858 0.0000e+00 0.0000e+00 0.0000e+00 -8.0449e+01 3.6021e+00 -9.1114e+00

1746 856 0.0000e+00 0.0000e+00 0.0000e+00 -9.1574e+01 -1.6631e+01 -7.5069e+00  
864 0.0000e+00 0.0000e+00 0.0000e+00 -9.9282e+01 -1.5190e+01 -2.1983e+00  
865 0.0000e+00 0.0000e+00 0.0000e+00 -9.2373e+01 -8.7439e+00 -1.9508e+00  
857 0.0000e+00 0.0000e+00 0.0000e+00 -8.7829e+01 -7.7958e+00 -7.2594e+00

1747 855 0.0000e+00 0.0000e+00 0.0000e+00 -9.7126e+01 -2.8396e+01 -8.8012e+00  
863 0.0000e+00 0.0000e+00 0.0000e+00 -1.1082e+02 -2.4674e+01 -3.3902e+00  
864 0.0000e+00 0.0000e+00 0.0000e+00 -1.0251e+02 -1.6311e+01 -1.4876e+00  
856 0.0000e+00 0.0000e+00 0.0000e+00 -9.4582e+01 -1.6381e+01 -6.8986e+00

1748 854 0.0000e+00 0.0000e+00 0.0000e+00 -9.8460e+01 -5.4530e+01 -9.9860e+00  
862 0.0000e+00 0.0000e+00 0.0000e+00 -1.2537e+02 -5.0270e+01 -5.8029e+00  
863 0.0000e+00 0.0000e+00 0.0000e+00 -1.1561e+02 -2.7076e+01 -3.0375e+00  
855 0.0000e+00 0.0000e+00 0.0000e+00 -9.9830e+01 -2.8328e+01 -7.2206e+00

1749 431 0.0000e+00 0.0000e+00 0.0000e+00 -2.2110e+01 -1.5228e+01 1.0164e+02  
16 0.0000e+00 0.0000e+00 0.0000e+00 -1.2132e+02 -2.8604e+02 6.2803e+01  
862 0.0000e+00 0.0000e+00 0.0000e+00 -1.4954e+02 -1.1719e+01 -2.6279e+01  
854 0.0000e+00 0.0000e+00 0.0000e+00 -7.1829e+01 -1.0497e+02 1.2558e+01

1750 852 0.0000e+00 0.0000e+00 0.0000e+00 -1.1454e+02 4.2052e+01 4.9076e+00  
860 0.0000e+00 0.0000e+00 0.0000e+00 -9.4206e+01 9.1383e+01 1.6795e+01  
861 0.0000e+00 0.0000e+00 0.0000e+00 -8.0180e+01 2.6485e+01 4.2960e+01  
853 0.0000e+00 0.0000e+00 0.0000e+00 -1.0471e+02 2.3664e+01 3.1073e+01

1751 851 0.0000e+00 0.0000e+00 0.0000e+00 -1.0208e+02 3.0100e+01 -7.0459e+00  
859 0.0000e+00 0.0000e+00 0.0000e+00 -7.9481e+01 3.3815e+01 -1.9079e+01  
860 0.0000e+00 0.0000e+00 0.0000e+00 -1.0215e+02 5.1888e+01 -9.5207e+00  
852 0.0000e+00 0.0000e+00 0.0000e+00 -1.0356e+02 3.6551e+01 2.5122e+00

1752 850 0.0000e+00 0.0000e+00 0.0000e+00 -9.1502e+01 9.0446e+00 -1.0654e+01  
858 0.0000e+00 0.0000e+00 0.0000e+00 -8.1626e+01 8.3283e+00 -1.3112e+01  
859 0.0000e+00 0.0000e+00 0.0000e+00 -8.1683e+01 1.9696e+01 -1.4711e+01  
851 0.0000e+00 0.0000e+00 0.0000e+00 -9.6378e+01 2.2167e+01 -1.2253e+01

1753 849 0.0000e+00 0.0000e+00 0.0000e+00 -8.9660e+01 -4.8112e+00 -1.0544e+01  
857 0.0000e+00 0.0000e+00 0.0000e+00 -8.5761e+01 -5.1867e+00 -1.0055e+01  
858 0.0000e+00 0.0000e+00 0.0000e+00 -8.3223e+01 2.1383e+00 -1.1845e+01  
850 0.0000e+00 0.0000e+00 0.0000e+00 -9.1217e+01 5.3314e+00 -1.2335e+01

1754 848 0.0000e+00 0.0000e+00 0.0000e+00 -8.9078e+01 -1.4674e+01 -9.3717e+00  
856 0.0000e+00 0.0000e+00 0.0000e+00 -8.9494e+01 -1.4565e+01 -8.7990e+00  
857 0.0000e+00 0.0000e+00 0.0000e+00 -8.7194e+01 -9.0372e+00 -9.8631e+00  
849 0.0000e+00 0.0000e+00 0.0000e+00 -9.0229e+01 -6.8078e+00 -1.0436e+01

1755 847 0.0000e+00 0.0000e+00 0.0000e+00 -8.5129e+01 -2.3381e+01 -5.9632e+00  
855 0.0000e+00 0.0000e+00 0.0000e+00 -8.9684e+01 -2.4733e+01 -8.1531e+00  
856 0.0000e+00 0.0000e+00 0.0000e+00 -9.0610e+01 -1.8754e+01 -9.7152e+00  
848 0.0000e+00 0.0000e+00 0.0000e+00 -8.8598e+01 -1.6993e+01 -7.5254e+00

1756 846 0.0000e+00 0.0000e+00 0.0000e+00 -7.9584e+01 -2.4641e+01 1.0843e+01  
854 0.0000e+00 0.0000e+00 0.0000e+00 -6.9688e+01 -4.2961e+01 2.9146e-01  
855 0.0000e+00 0.0000e+00 0.0000e+00 -9.0771e+01 -3.3897e+01 -1.1646e+01  
847 0.0000e+00 0.0000e+00 0.0000e+00 -7.9676e+01 -2.8423e+01 -1.0948e+00

1757 420 0.0000e+00 0.0000e+00 0.0000e+00 -8.1678e+01 -4.2439e-01 3.2219e+01  
431 0.0000e+00 0.0000e+00 0.0000e+00 -9.0450e+01 4.0266e+00 4.5393e+01  
854 0.0000e+00 0.0000e+00 0.0000e+00 -7.3681e+01 -6.9612e+01 2.4840e+01  
846 0.0000e+00 0.0000e+00 0.0000e+00 -7.2009e+01 -2.4197e+01 1.1667e+01

1758 844 0.0000e+00 0.0000e+00 0.0000e+00 -1.1702e+02 1.9846e+01 8.0328e+00  
852 0.0000e+00 0.0000e+00 0.0000e+00 -1.0715e+02 3.1534e+01 1.4926e+01  
853 0.0000e+00 0.0000e+00 0.0000e+00 -9.6351e+01 1.6312e+01 2.3268e+01

	845	0.0000e+00	0.0000e+00	0.0000e+00	-1.1398e+02	1.1374e+01	1.6375e+01
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	-1.1587e+02	1.9530e+01	-1.4364e+00
	851	0.0000e+00	0.0000e+00	0.0000e+00	-1.0111e+02	2.3956e+01	-5.2929e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	-1.0752e+02	3.2865e+01	3.0683e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	-1.1721e+02	2.0625e+01	6.9247e+00
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	-1.0939e+02	8.3203e+00	-6.4870e+00
	850	0.0000e+00	0.0000e+00	0.0000e+00	-9.5475e+01	8.8290e+00	-1.1412e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	-1.0173e+02	1.9495e+01	-8.9324e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	-1.1302e+02	1.5061e+01	-4.0072e+00
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.0404e+02	-2.8650e+00	-7.8306e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	-9.2956e+01	-3.8164e+00	-1.0908e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	-9.5838e+01	3.6315e+00	-1.1654e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	-1.0734e+02	4.1674e+00	-8.5768e+00
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	-1.0054e+02	-1.0523e+01	-6.2352e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	-9.0951e+01	-1.3385e+01	-8.5078e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	-9.3281e+01	-7.7496e+00	-1.0963e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.0277e+02	-5.7182e+00	-8.6902e+00
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	-9.7903e+01	-1.3681e+01	3.4826e-02
	847	0.0000e+00	0.0000e+00	0.0000e+00	-8.6992e+01	-2.1615e+01	-2.6510e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	-9.1448e+01	-1.6342e+01	-8.4073e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	-9.8837e+01	-1.2804e+01	-5.7216e+00
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	-9.7263e+01	-9.1228e+00	1.1811e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	-8.4597e+01	-2.2631e+01	1.0996e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	-8.7531e+01	-2.2207e+01	4.8952e-01
	839	0.0000e+00	0.0000e+00	0.0000e+00	-9.5965e+01	-1.4775e+01	1.3049e+00
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	-1.0177e+02	6.8102e+00	1.9770e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	-9.6064e+01	3.3224e+00	2.7288e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	-8.4067e+01	-1.6820e+01	1.9591e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	-9.8679e+01	-4.9657e+00	1.2073e+01
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.3435e+02	1.2421e+01	6.5744e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	-1.2072e+02	1.6357e+01	1.0507e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	-1.1478e+02	7.8651e+00	1.1929e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.3240e+02	8.9677e+00	7.9959e+00
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.3373e+02	1.1934e+01	2.5556e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	-1.1866e+02	1.5403e+01	9.6466e-01
	844	0.0000e+00	0.0000e+00	0.0000e+00	-1.2042e+02	1.7081e+01	4.5579e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.3517e+02	1.3388e+01	6.1489e+00
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.2895e+02	4.8299e+00	-1.2405e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	-1.1341e+02	6.1874e+00	-5.4117e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	-1.1829e+02	1.2478e+01	-3.1983e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.3243e+02	9.4241e+00	9.7285e-01
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.2389e+02	-2.9097e+00	-3.5278e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.0863e+02	-3.5376e+00	-7.3250e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	-1.1298e+02	2.4505e+00	-7.1851e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.2716e+02	1.5437e+00	-3.3878e+00
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.2072e+02	-7.1916e+00	-3.2268e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	-1.0521e+02	-1.0426e+01	-5.6480e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.0850e+02	-6.3738e+00	-7.7981e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.2228e+02	-5.3228e+00	-5.3769e+00
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.1999e+02	-6.2576e+00	8.4545e-01
	839	0.0000e+00	0.0000e+00	0.0000e+00	-1.0344e+02	-1.2812e+01	1.1979e-01
	840	0.0000e+00	0.0000e+00	0.0000e+00	-1.0554e+02	-1.1687e+01	-4.9443e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.1935e+02	-8.1488e+00	-4.2187e+00
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.2180e+02	2.9575e-01	7.9618e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	-1.0530e+02	-7.3802e+00	9.8256e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	-1.0400e+02	-1.1907e+01	2.5984e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.1936e+02	-5.1784e+00	7.3457e-01
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.2544e+02	1.0687e+01	1.3455e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	-1.1158e+02	8.0685e+00	1.7830e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	-1.0524e+02	-3.5809e+00	1.2702e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.2300e+02	4.0208e+00	8.3270e+00
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.5565e+02	1.2059e+01	6.0332e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.4070e+02	1.1124e+01	7.9173e+00

	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.3753e+02	7.4267e+00	5.5420e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.5503e+02	1.1226e+01	3.6579e+00
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.5345e+02	8.4859e+00	6.5344e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.3885e+02	9.6231e+00	4.5384e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.3997e+02	1.1066e+01	4.7109e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.5634e+02	1.1859e+01	6.7069e+00
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.4859e+02	9.5871e-01	4.0966e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.3388e+02	2.6255e+00	7.3701e-02
	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.3765e+02	7.1125e+00	1.4826e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.5289e+02	5.9712e+00	5.5055e+00
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.4417e+02	-5.3598e+00	4.4044e-01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.2899e+02	-4.5705e+00	-3.0791e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.3284e+02	-3.4530e-01	-1.8865e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.4739e+02	-1.9331e+00	1.6330e+00
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.4239e+02	-6.6574e+00	-2.0159e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.2626e+02	-8.1606e+00	-3.4720e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.2866e+02	-6.3204e+00	-3.8976e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.4291e+02	-6.9754e+00	-2.4415e+00
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.4381e+02	-1.7733e+00	-1.1046e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.2658e+02	-6.3394e+00	-4.2927e-02
	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.2682e+02	-7.8562e+00	-3.1590e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.4144e+02	-6.2116e+00	-4.2206e+00
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.4733e+02	7.4749e+00	3.7625e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.2986e+02	1.0472e+00	6.7599e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.2764e+02	-3.9741e+00	1.1943e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.4353e+02	6.9129e-01	-1.8031e+00
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.5026e+02	1.6356e+01	1.0535e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.3397e+02	1.1296e+01	1.3434e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.3050e+02	4.5687e+00	7.6986e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.4791e+02	1.0939e+01	4.7999e+00
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.7255e+02	1.6940e+01	7.0381e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.6241e+02	1.2470e+01	7.3960e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.6099e+02	1.1352e+01	1.7051e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-1.7324e+02	1.8225e+01	1.3472e+00
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.6779e+02	7.8792e+00	1.1891e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.5902e+02	7.7071e+00	8.2503e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.6096e+02	1.0821e+01	6.0929e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.7316e+02	1.4949e+01	9.7338e+00
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.6162e+02	-3.6837e+00	9.9659e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.5302e+02	-8.4095e-01	5.0819e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.5678e+02	4.0643e+00	6.5842e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.6767e+02	3.9128e+00	1.1468e+01
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	-1.5733e+02	-1.0969e+01	3.7552e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.4800e+02	-7.5119e+00	3.2483e-01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.5128e+02	-4.0830e+00	3.5823e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.6093e+02	-7.1185e+00	7.0127e+00
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	-1.5685e+02	-1.0020e+01	-2.7258e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.4633e+02	-8.4136e+00	-3.1325e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.4753e+02	-8.6150e+00	-5.9803e-01
	817	0.0000e+00	0.0000e+00	0.0000e+00	-1.5647e+02	-1.2060e+01	-1.9133e-01
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	-1.6060e+02	-2.5046e-01	-5.5923e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.4864e+02	-2.5115e+00	-2.7215e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.4733e+02	-6.6801e+00	-3.1601e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	-1.5615e+02	-8.0668e+00	-6.0309e+00
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	-1.6659e+02	1.4620e+01	-1.9505e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.5362e+02	8.0033e+00	2.7022e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.5067e+02	1.5250e+00	-1.9271e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	-1.6021e+02	4.1356e+00	-6.5798e+00
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.7018e+02	2.6051e+01	8.2579e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.5772e+02	1.7643e+01	1.1249e+01
	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.5537e+02	1.2278e+01	3.5386e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-1.6653e+02	1.9238e+01	5.4784e-01
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.7235e+02	2.8098e+01	1.0195e+01



	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.7717e+02	1.9850e+01	9.0446e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-1.7699e+02	2.0904e+01	-7.4785e-01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-1.7484e+02	3.2174e+01	4.0263e-01
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	-1.6450e+02	8.9388e+00	1.9718e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.7082e+02	8.7496e+00	1.3511e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.7426e+02	1.5697e+01	1.0020e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.7352e+02	2.2465e+01	1.6228e+01
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.5720e+02	-1.0354e+01	1.6614e+01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.6259e+02	-5.0814e+00	1.0414e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.6714e+02	2.7520e+00	1.3642e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-1.6509e+02	1.5905e+00	1.9843e+01
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.5316e+02	-2.0758e+01	6.4727e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-1.5700e+02	-1.3455e+01	2.9410e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.6013e+02	-9.3708e+00	9.7048e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.5711e+02	-1.5549e+01	1.3236e+01
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	-1.5338e+02	-1.8427e+01	-4.9731e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	-1.5613e+02	-1.2250e+01	-4.7206e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-1.5637e+02	-1.4340e+01	2.1055e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.5263e+02	-2.1769e+01	1.8530e+00
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	-1.5868e+02	-2.6181e+00	-1.2668e+01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-1.6039e+02	-1.1478e+00	-8.2261e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	-1.5753e+02	-9.1442e+00	-4.7348e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	-1.5262e+02	-1.4633e+01	-9.1763e+00
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	-1.6799e+02	2.2618e+01	-1.0873e+01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-1.6809e+02	1.5796e+01	-3.5977e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	-1.6373e+02	5.3840e+00	-6.8863e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	-1.5776e+02	5.1165e+00	-1.4162e+01
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.7373e+02	4.2625e+01	4.7214e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.7439e+02	2.9309e+01	9.4223e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-1.7180e+02	2.2705e+01	-1.4360e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	-1.6689e+02	3.1031e+01	-6.1369e+00
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.3538e+02	4.6859e+01	1.6330e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.7156e+02	3.5188e+01	1.3091e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-1.7281e+02	3.9358e+01	-2.5198e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	-1.4063e+02	5.8801e+01	7.1943e-01
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.2652e+02	7.3470e+00	2.9319e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-1.6028e+02	1.1307e+01	2.0321e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.6595e+02	2.6033e+01	1.7752e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.3890e+02	3.5114e+01	2.6750e+01
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.2242e+02	-2.1400e+01	2.1852e+01
	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.5027e+02	-1.1857e+01	1.5977e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-1.5589e+02	2.0398e+00	2.3024e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.2859e+02	-2.4628e+00	2.8899e+01
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	-1.2068e+02	-3.5088e+01	8.0130e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.4505e+02	-2.3507e+01	5.1632e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.4809e+02	-1.7258e+01	1.6132e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.2335e+02	-2.7539e+01	1.8982e+01
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	-1.2032e+02	-3.1795e+01	-7.1707e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	-1.4454e+02	-2.0546e+01	-7.1578e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.4438e+02	-2.4426e+01	4.3581e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-1.2046e+02	-3.6130e+01	4.3452e+00
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.2270e+02	-1.0255e+01	-1.9990e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-1.4945e+02	-2.7672e+00	-1.6164e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-1.4539e+02	-1.6630e+01	-7.0848e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	-1.1908e+02	-2.7238e+01	-1.0911e+01
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.3348e+02	3.0642e+01	-2.3824e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-1.5968e+02	2.5503e+01	-1.4107e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-1.5309e+02	6.5664e+00	-1.3365e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.2057e+02	-5.1096e-02	-2.3083e+01
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.4216e+02	7.0493e+01	-2.2230e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.7087e+02	4.9767e+01	6.0994e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	-1.6673e+02	3.8123e+01	-8.8315e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.2960e+02	4.7157e+01	-1.7154e+01

1806	795	0.0000e+00	0.0000e+00	0.0000e+00	-2.4282e+01	8.7482e+01	2.6890e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.2581e+02	6.1422e+01	2.1926e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-1.2538e+02	7.4166e+01	-3.0689e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	-3.4671e+01	9.7923e+01	1.8956e+00
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	-3.4960e+01	1.7396e+01	3.0523e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.1036e+02	8.7886e+00	2.8090e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.0958e+02	4.2782e+01	3.3812e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-4.0618e+01	2.2769e+01	3.6246e+01
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	-4.5903e+01	-2.6233e+01	1.9123e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.0477e+02	-2.3371e+01	2.0335e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.0555e+02	4.2719e-01	3.2857e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	-4.2692e+01	-2.1669e+01	3.1645e+01
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	-5.1283e+01	-4.7496e+01	6.5652e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-1.0289e+02	-3.7428e+01	6.9719e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.0327e+02	-2.7705e+01	2.1062e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	-5.0091e+01	-4.5720e+01	2.0655e+01
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	-4.9837e+01	-4.9107e+01	-6.7733e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	-1.0113e+02	-3.2858e+01	-8.2608e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-1.0225e+02	-3.8168e+01	6.2470e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-5.1708e+01	-5.0835e+01	7.7345e+00
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	-4.1421e+01	-3.1056e+01	-2.0166e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.0055e+02	-8.7161e+00	-2.2924e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	-1.0095e+02	-3.0040e+01	-8.3998e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-4.6551e+01	-3.6648e+01	-5.6422e+00
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	-3.5650e+01	1.0884e+01	-3.2744e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.0307e+02	3.6799e+01	-3.2020e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.0243e+02	-1.6692e+00	-1.9911e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-3.4843e+01	1.1006e-01	-2.0635e+01
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	-3.9447e+01	1.1487e+02	-1.3094e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.2384e+02	8.5210e+01	-5.3789e-01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.1833e+02	5.9334e+01	-2.0294e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	-1.9752e+01	6.9053e+01	-3.2851e+01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	1.5915e+02	-1.2831e+02	-2.5919e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	6.0549e+01	9.1112e+01	-1.2993e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-7.7487e+01	1.3496e+02	-1.6047e+00
	6	0.0000e+00	0.0000e+00	0.0000e+00	3.2313e+02	3.3169e+02	-1.4531e+01
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	1.0225e+02	-1.1699e+02	-9.2635e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	2.7259e+01	5.9199e+00	8.2871e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	9.3472e+00	5.0203e+01	8.8228e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	1.5539e+02	1.7205e+02	-8.7278e+00
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	7.0093e+01	-1.0722e+02	-1.6815e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	1.2279e+00	-3.1248e+01	8.2919e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-8.9909e+00	-7.3181e+00	1.0050e+01
	794	0.0000e+00	0.0000e+00	0.0000e+00	1.0033e+02	6.5155e+01	7.6658e-02
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	5.7745e+01	-8.0757e+01	2.0074e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-1.3319e+01	-4.8116e+01	5.6825e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-1.7482e+01	-3.8804e+01	8.6671e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	6.9284e+01	-1.2113e+01	4.9920e+00
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	6.2624e+01	-3.5409e+01	4.1873e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-1.6943e+01	-4.5036e+01	2.1301e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-1.6086e+01	-4.9296e+01	5.4355e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	5.7638e+01	-6.5511e+01	7.4927e+00
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	8.5905e+01	3.1367e+01	7.1956e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	-9.6991e+00	-2.0968e+01	-1.2402e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-3.8543e+00	-3.9948e+01	1.7731e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	6.3131e+01	-9.8289e+01	1.0209e+01
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	1.3158e+02	1.2352e+02	1.0883e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	1.2352e+01	3.1733e+01	-6.7249e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	2.1260e+01	-1.1355e+01	-2.1537e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	8.7340e+01	-1.1225e+02	1.5454e+01
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	3.0688e+02	2.5714e+02	-5.8943e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	-6.4778e+01	1.4646e+02	-2.7991e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	6.3369e+01	6.2589e+01	7.8161e+00

	784	0.0000e+00	0.0000e+00	0.0000e+00	1.3439e+02	-1.1946e+02	2.9913e+01
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	-9.9692e+01	8.5126e+01	1.0871e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	-5.4047e+01	5.4920e+01	-1.6124e+01
	22	0.0000e+00	0.0000e+00	0.0000e+00	-7.6407e+01	2.0154e+02	3.0367e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	-1.2687e+02	6.9978e+01	5.7363e+01
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	-7.4803e+01	2.9902e+01	-2.3471e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	-6.7761e+01	2.8642e+01	-6.7808e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	-6.6365e+01	5.7740e+01	-7.0780e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	-8.4334e+01	5.7127e+01	-2.6443e+00
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	-7.1560e+01	7.7131e+00	-3.2184e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	-7.0147e+01	7.2742e+00	-4.7915e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	-7.0082e+01	2.2070e+01	-6.0400e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-7.4512e+01	2.4352e+01	-4.4669e+00
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	-7.1291e+01	-5.4076e+00	-2.4882e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-7.2604e+01	-6.0475e+00	-2.3610e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	-7.1617e+01	2.5819e+00	-3.6496e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-7.2044e+01	4.7512e+00	-3.7768e+00
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	-7.3250e+01	-1.3379e+01	-1.8384e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-7.6432e+01	-1.3732e+01	5.4725e-02
	779	0.0000e+00	0.0000e+00	0.0000e+00	-7.3974e+01	-8.8430e+00	-9.2635e-01
	769	0.0000e+00	0.0000e+00	0.0000e+00	-7.2234e+01	-7.0571e+00	-2.8194e+00
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	-7.7323e+01	-1.8443e+01	-1.7481e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	-8.2315e+01	-1.8020e+01	1.9540e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-7.8105e+01	-1.5160e+01	1.5522e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-7.4740e+01	-1.3862e+01	-2.1499e+00
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	-8.3274e+01	-2.3415e+01	-2.5937e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	-9.0795e+01	-2.1588e+01	2.8541e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	-8.4592e+01	-1.8660e+01	3.3629e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-7.9481e+01	-1.7941e+01	-2.0850e+00
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	-8.9949e+01	-3.3194e+01	-4.6559e+00
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.0316e+02	-2.9161e+01	2.3042e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	-9.4142e+01	-2.2056e+01	4.1559e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	-8.6201e+01	-2.2059e+01	-2.8042e+00
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	-8.7791e+01	-5.9200e+01	-6.8115e+00
	774	0.0000e+00	0.0000e+00	0.0000e+00	-1.2600e+02	-5.5341e+01	-3.8639e-01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.0863e+02	-2.8728e+01	3.4610e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	-9.3367e+01	-3.3257e+01	-2.9641e+00
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.8643e+01	-2.2937e+01	1.0464e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	-1.4006e+02	-2.9965e+02	7.3252e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-1.5454e+02	-2.3629e+01	-1.6482e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-6.1750e+01	-1.0472e+02	1.4902e+01
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	-1.0417e+02	4.1845e+01	1.9850e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	-9.4907e+01	6.3937e+01	1.8094e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	-9.6445e+01	5.6867e+01	3.8178e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	-1.0585e+02	3.5176e+01	3.9934e+01
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	-9.2179e+01	2.6553e+01	8.2518e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-7.9940e+01	3.1925e+01	-3.7949e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	-9.6457e+01	4.9513e+01	5.1846e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	-9.7765e+01	3.5309e+01	1.7231e+01
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	-8.0643e+01	7.8722e+00	2.4381e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-7.4406e+01	9.4791e+00	-4.1856e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-7.9739e+01	2.1450e+01	-2.4822e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	-8.7464e+01	1.9344e+01	4.1415e+00
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	-7.5545e+01	-5.3526e+00	-8.2311e-01
	769	0.0000e+00	0.0000e+00	0.0000e+00	-7.2353e+01	-4.1693e+00	-3.7458e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-7.4250e+01	3.4859e+00	-3.1678e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	-7.9010e+01	3.4093e+00	-2.4517e-01
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	-7.4103e+01	-1.3592e+01	-3.0722e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-7.3033e+01	-1.2371e+01	-3.4979e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-7.2699e+01	-7.8073e+00	-2.9667e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	-7.5219e+01	-7.7441e+00	-2.5409e+00
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	-7.4639e+01	-1.8815e+01	-4.8403e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-7.5698e+01	-1.7330e+01	-3.7172e+00

	768	0.0000e+00	0.0000e+00	0.0000e+00	-7.3860e+01	-1.4684e+01	-3.0157e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	-7.4416e+01	-1.4729e+01	-4.1388e+00
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	-7.5183e+01	-2.3187e+01	-5.7742e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	-7.9108e+01	-2.1578e+01	-4.4870e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-7.6868e+01	-1.9450e+01	-3.7436e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	-7.5061e+01	-1.9462e+01	-5.0308e+00
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	-7.1954e+01	-2.8147e+01	-3.5981e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	-8.0495e+01	-2.8930e+01	-4.9436e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	-8.0374e+01	-2.5208e+01	-5.4808e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	-7.4544e+01	-2.4820e+01	-4.1354e+00
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	-7.0182e+01	-2.6981e+01	1.2938e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-6.2440e+01	-4.6752e+01	4.0858e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	-8.2100e+01	-3.9173e+01	-8.1512e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	-6.6765e+01	-3.2267e+01	7.0125e-01
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	-7.1488e+01	-1.9436e+00	3.2416e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-8.7960e+01	-2.8495e+00	4.7932e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-6.5787e+01	-6.6629e+01	2.8741e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	-6.5192e+01	-2.5699e+01	1.3226e+01
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.0136e+02	2.3631e+01	2.6879e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	-9.9226e+01	3.4094e+01	2.6632e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	-9.9269e+01	2.9607e+01	3.4726e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	-1.0177e+02	2.2425e+01	3.4973e+01
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	-9.5851e+01	1.4905e+01	1.7735e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	-8.9750e+01	2.1409e+01	1.0830e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	-9.7742e+01	3.1936e+01	1.9045e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.0053e+02	2.0530e+01	2.5951e+01
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	-8.8376e+01	1.8869e+00	9.4052e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	-8.1431e+01	6.0277e+00	2.7742e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	-8.8537e+01	1.6950e+01	8.0243e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	-9.3437e+01	9.6458e+00	1.4655e+01
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	-8.2943e+01	-9.1031e+00	2.9260e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	-7.6649e+01	-6.0859e+00	-1.2098e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	-8.0658e+01	1.5296e+00	2.0408e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	-8.6523e+01	-2.5395e+00	6.1766e+00
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	-8.0315e+01	-1.6110e+01	-1.9669e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	-7.4799e+01	-1.3948e+01	-3.7570e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	-7.6431e+01	-9.2654e+00	-1.5605e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	-8.1967e+01	-1.1891e+01	2.2961e-01
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	-7.9647e+01	-1.9688e+01	-5.0258e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	-7.4786e+01	-1.8811e+01	-5.3227e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	-7.5131e+01	-1.5973e+01	-4.1573e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	-7.9848e+01	-1.7636e+01	-3.8604e+00
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	-7.9783e+01	-2.0784e+01	-5.1744e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	-7.4968e+01	-2.2616e+01	-5.1482e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	-7.5518e+01	-2.0200e+01	-5.8061e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	-7.9185e+01	-2.0598e+01	-5.8323e+00
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	-8.0228e+01	-1.9064e+01	-1.7728e-01
	755	0.0000e+00	0.0000e+00	0.0000e+00	-7.3603e+01	-2.6924e+01	-6.6842e-01
	756	0.0000e+00	0.0000e+00	0.0000e+00	-7.5979e+01	-2.3625e+01	-5.1662e+00
	746	0.0000e+00	0.0000e+00	0.0000e+00	-7.8753e+01	-2.1680e+01	-4.6750e+00
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	-8.2823e+01	-1.1434e+01	1.0080e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	-7.3676e+01	-2.4841e+01	1.1531e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	-7.4536e+01	-2.5448e+01	2.4093e+00
	745	0.0000e+00	0.0000e+00	0.0000e+00	-7.9300e+01	-1.8970e+01	9.5827e-01
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	-8.9440e+01	5.3896e+00	1.7014e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	-8.6564e+01	2.2763e+00	2.6429e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	-7.3959e+01	-1.8552e+01	1.9764e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	-8.4771e+01	-7.1359e+00	1.0349e+01
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.0083e+02	1.5275e+01	2.9551e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.0009e+02	2.0670e+01	2.9862e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	-1.0152e+02	2.0741e+01	3.2192e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	-9.8826e+01	2.1058e+01	3.1880e+01
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	-9.8762e+01	4.0492e+00	2.3779e+01

	751	0.0000e+00	0.0000e+00	0.0000e+00	-9.4609e+01	1.0382e+01	1.9869e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	-9.8286e+01	1.8096e+01	2.5841e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.0226e+02	1.1409e+01	2.9751e+01
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	-9.5048e+01	-7.5006e+00	1.4813e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	-8.8279e+01	-1.7023e+00	1.0314e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	-9.3359e+01	7.1576e+00	1.6516e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-9.8223e+01	-5.6516e-01	2.1015e+01
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	-9.1880e+01	-1.6385e+01	6.2243e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	-8.3798e+01	-1.1722e+01	2.9758e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	-8.7500e+01	-4.8416e+00	8.1377e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	-9.4138e+01	-1.1432e+01	1.1386e+01
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	-9.0485e+01	-2.1194e+01	-9.1043e-01
	748	0.0000e+00	0.0000e+00	0.0000e+00	-8.1683e+01	-1.8025e+01	-2.3158e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	-8.3599e+01	-1.3864e+01	1.4594e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	-9.1148e+01	-1.8925e+01	2.8648e+00
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	-9.1009e+01	-2.1851e+01	-5.6069e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	-8.1495e+01	-2.0958e+01	-5.3836e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	-8.2076e+01	-1.9000e+01	-3.4306e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	-9.0019e+01	-2.2364e+01	-3.6539e+00
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	-9.3189e+01	-1.8774e+01	-6.7435e+00
	746	0.0000e+00	0.0000e+00	0.0000e+00	-8.2500e+01	-2.1281e+01	-5.3272e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	-8.2407e+01	-2.0841e+01	-5.9645e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	-9.0684e+01	-2.1959e+01	-7.3808e+00
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	-9.6913e+01	-1.2225e+01	-3.5528e+00
	745	0.0000e+00	0.0000e+00	0.0000e+00	-8.4679e+01	-1.8538e+01	-9.3574e-01
	746	0.0000e+00	0.0000e+00	0.0000e+00	-8.3774e+01	-2.0051e+01	-4.7879e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	-9.3016e+01	-1.7966e+01	-7.4050e+00
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.0235e+02	-2.3465e+00	2.7313e+00
	744	0.0000e+00	0.0000e+00	0.0000e+00	-8.9503e+01	-9.7960e+00	7.3359e+00
	745	0.0000e+00	0.0000e+00	0.0000e+00	-8.6004e+01	-1.5840e+01	1.2829e+00
	735	0.0000e+00	0.0000e+00	0.0000e+00	-9.7399e+01	-1.0094e+01	-3.3217e+00
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.0887e+02	9.4240e+00	7.8557e+00
	643	0.0000e+00	0.0000e+00	0.0000e+00	-9.7875e+01	6.8111e+00	1.4473e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	-9.0381e+01	-5.5618e+00	1.0014e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.0422e+02	1.5475e+00	3.3960e+00
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	-1.0004e+02	1.1577e+01	2.9118e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.0055e+02	1.5082e+01	3.0520e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.0592e+02	2.1395e+01	2.9640e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	-9.2098e+01	2.6819e+01	2.8238e+01
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.0097e+02	-5.2361e+00	2.6415e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-9.8263e+01	1.1878e-01	2.4594e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	-9.8959e+01	1.0123e+01	2.8962e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-1.0362e+02	5.9549e+00	3.0783e+01
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.0089e+02	-1.8253e+01	1.7264e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	-9.4828e+01	-1.1640e+01	1.5160e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-9.7546e+01	-2.9444e+00	2.1569e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.0203e+02	-1.0303e+01	2.3673e+01
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0072e+02	-2.6253e+01	7.3522e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	-9.2494e+01	-2.0170e+01	5.9950e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	-9.4508e+01	-1.4057e+01	1.2380e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.0120e+02	-2.1893e+01	1.3737e+01
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.0169e+02	-2.8933e+01	-1.7300e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	-9.1968e+01	-2.4318e+01	-1.6079e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	-9.2701e+01	-2.1341e+01	3.6657e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0074e+02	-2.8223e+01	3.5436e+00
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.0446e+02	-2.6310e+01	-8.5258e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	-9.3479e+01	-2.4174e+01	-6.6493e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	-9.2772e+01	-2.4102e+01	-3.3244e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.0173e+02	-2.9215e+01	-5.2008e+00
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.0928e+02	-1.8835e+01	-1.1760e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	-9.6971e+01	-2.0115e+01	-8.1135e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	-9.4904e+01	-2.2536e+01	-7.5374e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.0466e+02	-2.5072e+01	-1.1184e+01

1869	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.1591e+02	-7.6087e+00	-1.0586e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	-1.0236e+02	-1.2410e+01	-5.3525e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	-9.8898e+01	-1.7163e+01	-7.9458e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.0977e+02	-1.6311e+01	-1.3179e+01
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.2330e+02	5.1063e+00	-5.4129e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.0932e+02	-1.5265e+00	7.5478e-01
	735	0.0000e+00	0.0000e+00	0.0000e+00	-1.0442e+02	-8.5048e+00	-4.2954e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.1689e+02	-4.1282e+00	-1.0463e+01
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.2983e+02	1.5601e+01	1.4825e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.1604e+02	1.0324e+01	7.0113e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.1088e+02	2.4162e+00	1.6393e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.2484e+02	8.8499e+00	-3.8895e+00
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	-9.6423e+01	1.0088e+01	2.5043e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-9.9074e+01	1.4511e+01	2.8173e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	-1.1229e+02	2.7750e+01	2.5804e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-7.7464e+01	3.7337e+01	2.2674e+01
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.0033e+02	-1.3325e+01	2.5455e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.0044e+02	-8.9342e+00	2.5651e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-9.7989e+01	5.7487e+00	2.9011e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-1.0242e+02	2.8143e+00	2.8815e+01
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.0372e+02	-2.9556e+01	1.6373e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.0017e+02	-2.2430e+01	1.6585e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.0068e+02	-1.2463e+01	2.3019e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.0282e+02	-1.9362e+01	2.2807e+01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.0635e+02	-3.7923e+01	5.7966e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0058e+02	-3.0526e+01	6.4272e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.0054e+02	-2.4733e+01	1.3674e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.0523e+02	-3.3134e+01	1.3043e+01
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.0949e+02	-3.9224e+01	-4.8764e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.0230e+02	-3.2711e+01	-3.0828e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0131e+02	-3.1117e+01	3.6609e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.0720e+02	-3.9304e+01	1.8673e+00
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.1414e+02	-3.3669e+01	-1.3949e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.0600e+02	-2.9269e+01	-1.0407e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.0354e+02	-3.1576e+01	-5.2440e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.1009e+02	-3.8431e+01	-8.7866e+00
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.2099e+02	-2.1649e+01	-1.9779e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.1205e+02	-2.0679e+01	-1.4134e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.0795e+02	-2.6352e+01	-1.1638e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.1473e+02	-3.0822e+01	-1.7284e+01
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	-1.3005e+02	-4.5946e+00	-2.0614e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.2024e+02	-8.0891e+00	-1.3093e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.1473e+02	-1.6156e+01	-1.4263e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.2176e+02	-1.7098e+01	-2.1785e+01
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	-1.3961e+02	1.3632e+01	-1.5205e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.2935e+02	5.9709e+00	-7.2328e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.2329e+02	-2.6972e+00	-1.2343e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	-1.3105e+02	7.8271e-01	-2.0315e+01
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.4701e+02	2.6278e+01	-4.4657e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.3612e+02	1.7312e+01	1.2785e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.3179e+02	1.0541e+01	-6.4113e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	-1.4080e+02	1.8339e+01	-1.2156e+01
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	-8.6714e+01	9.3059e+00	1.6676e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-9.2923e+01	1.7367e+01	2.2010e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-1.1914e+02	3.7379e+01	1.9755e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-5.0709e+01	5.0355e+01	1.4421e+01
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	-9.3103e+01	-2.0097e+01	2.0915e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-9.8719e+01	-1.6832e+01	2.3102e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-9.2564e+01	3.6726e+00	2.5702e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-9.5245e+01	1.2693e+00	2.3515e+01
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	-9.9302e+01	-4.0621e+01	1.2520e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.0153e+02	-3.3244e+01	1.4650e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.0016e+02	-2.1166e+01	2.0877e+01

	711	0.0000e+00	0.0000e+00	0.0000e+00	-9.6764e+01	-2.7367e+01	1.8747e+01
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	-1.0382e+02	-5.0537e+01	2.1351e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.0436e+02	-4.2025e+01	4.2010e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.0257e+02	-3.5981e+01	1.1983e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-1.0181e+02	-4.4434e+01	9.9173e+00
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	-1.0794e+02	-5.1631e+01	-9.4454e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.0777e+02	-4.3006e+01	-6.7239e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.0543e+02	-4.2575e+01	1.3675e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	-1.0528e+02	-5.1589e+01	-1.3540e+00
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	-1.1276e+02	-4.4161e+01	-2.0519e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.1279e+02	-3.6684e+01	-1.6367e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.0915e+02	-4.1488e+01	-9.0871e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	-1.0879e+02	-4.9882e+01	-1.3239e+01
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	-1.1953e+02	-2.8061e+01	-2.9277e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.2031e+02	-2.3457e+01	-2.2903e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.1485e+02	-3.2960e+01	-1.7760e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	-1.1330e+02	-3.9568e+01	-2.4134e+01
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	-1.2930e+02	-3.8188e+00	-3.2978e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	-1.3058e+02	-4.7500e+00	-2.3991e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.2344e+02	-1.7479e+01	-2.2906e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	-1.1996e+02	-2.0776e+01	-3.1892e+01
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	-1.4103e+02	2.4461e+01	-2.7734e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	-1.4228e+02	1.5465e+01	-1.7448e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	-1.3474e+02	2.8251e+00	-2.2559e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	-1.2969e+02	4.9712e+00	-3.2845e+01
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	-1.5011e+02	4.4358e+01	-1.1313e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.5054e+02	3.0067e+01	-4.1983e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	-1.4615e+02	2.2045e+01	-1.5415e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	-1.4145e+02	3.2207e+01	-2.2530e+01
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	-6.6798e+01	8.2086e+00	3.9559e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	-7.8514e+01	2.2680e+01	1.1495e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-1.2378e+02	4.7785e+01	1.0968e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	-7.7011e+00	6.3406e+01	3.4288e+00
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	-7.3470e+01	-2.5460e+01	1.3780e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	-8.9137e+01	-2.2970e+01	1.7157e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-7.9088e+01	3.2809e+00	1.8771e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	-7.7323e+01	2.2515e+00	1.5395e+01
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	-8.1213e+01	-5.0981e+01	6.7746e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	-9.4114e+01	-4.3102e+01	9.9220e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	-9.1781e+01	-2.8518e+01	1.5633e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	-7.7771e+01	-3.3089e+01	1.2486e+01
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	-8.6410e+01	-6.3142e+01	-2.3814e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	-9.8329e+01	-5.3751e+01	1.9216e-01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-9.5701e+01	-4.6832e+01	8.0473e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	-8.4316e+01	-5.4565e+01	5.4737e+00
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	-8.9875e+01	-6.4987e+01	-1.3568e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	-1.0204e+02	-5.4666e+01	-1.1179e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	-9.9457e+01	-5.4823e+01	-2.2338e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	-8.8077e+01	-6.4001e+01	-4.6227e+00
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	-9.2278e+01	-5.6799e+01	-2.5377e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	-1.0633e+02	-4.6448e+01	-2.2531e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	-1.0295e+02	-5.3423e+01	-1.3417e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	-9.0434e+01	-6.2939e+01	-1.6264e+01
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	-9.4806e+01	-3.8090e+01	-3.6443e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	-1.1251e+02	-2.8988e+01	-3.2138e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	-1.0744e+02	-4.2745e+01	-2.3929e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	-9.1973e+01	-5.1538e+01	-2.8234e+01
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	-9.9538e+01	-7.3970e+00	-4.4361e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	-1.2235e+02	-2.7240e+00	-3.7056e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	-1.1462e+02	-2.2329e+01	-3.1798e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	-9.3862e+01	-2.9118e+01	-3.9103e+01
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	-1.1108e+02	3.6431e+01	-4.3271e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	-1.3585e+02	2.8268e+01	-3.1245e+01

	705	0.0000e+00	0.0000e+00	0.0000e+00	-1.2673e+02	7.3877e+00	-3.3967e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	-9.8136e+01	5.1587e+00	-4.5993e+01
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	-1.2183e+02	7.4247e+01	-2.0412e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-1.4742e+02	5.2024e+01	-1.0582e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	-1.4223e+02	3.9310e+01	-2.6439e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	-1.0898e+02	5.1657e+01	-3.6269e+01
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	-2.6176e+01	1.3375e+01	-8.3012e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	-5.2661e+01	3.1202e+01	-1.4792e+00
	703	0.0000e+00	0.0000e+00	0.0000e+00	-1.2107e+02	5.5927e+01	-6.3138e-01
	693	0.0000e+00	0.0000e+00	0.0000e+00	5.4755e+01	7.1906e+01	-7.4535e+00
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	-3.0996e+01	-1.9821e+01	5.9025e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	-6.6344e+01	-2.6723e+01	1.0012e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	-5.1066e+01	5.4324e+00	1.1095e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-3.8732e+01	-3.8303e+00	6.9853e+00
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	-4.0065e+01	-5.3283e+01	7.3500e-02
	700	0.0000e+00	0.0000e+00	0.0000e+00	-7.1782e+01	-5.1435e+01	4.1392e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	-6.7861e+01	-3.3348e+01	9.9112e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	-3.6526e+01	-4.4083e+01	5.8455e+00
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	-4.5674e+01	-7.0819e+01	-6.7841e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	-7.6028e+01	-6.4669e+01	-3.9988e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	-7.2644e+01	-5.5913e+01	3.7874e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	-4.3947e+01	-6.6737e+01	1.0021e+00
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	-4.7767e+01	-7.6831e+01	-1.5620e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	-7.8236e+01	-6.6527e+01	-1.4500e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	-7.6498e+01	-6.6373e+01	-5.3348e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	-4.7450e+01	-7.6048e+01	-6.4552e+00
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	-4.5902e+01	-7.1726e+01	-2.5441e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	-7.8841e+01	-5.7648e+01	-2.5994e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	-7.8356e+01	-6.6052e+01	-1.6071e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-4.7403e+01	-7.3605e+01	-1.5518e+01
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	-3.9865e+01	-5.5298e+01	-3.5475e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	-7.8641e+01	-3.7399e+01	-3.7443e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	-7.8773e+01	-5.5130e+01	-2.7212e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	-4.3344e+01	-5.9533e+01	-2.5244e+01
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	-2.9509e+01	-2.6267e+01	-4.5309e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	-8.0266e+01	-4.1752e+00	-4.7584e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	-7.8835e+01	-3.2538e+01	-3.7286e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	-3.5116e+01	-3.2897e+01	-3.5010e+01
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	-2.3705e+01	2.1218e+01	-5.3933e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	-8.6477e+01	4.3680e+01	-5.1418e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	-8.2705e+01	4.1750e+00	-4.3900e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	-2.2863e+01	1.0247e+01	-4.6415e+01
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	-2.6054e+01	1.1951e+02	-3.0416e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	-1.0516e+02	8.9705e+01	-1.8861e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	-1.0032e+02	6.3475e+01	-4.0926e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	-9.6916e+00	8.1777e+01	-5.2481e+01
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	5.4737e+01	-1.0210e+02	-1.0449e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	8.3969e+00	4.4699e+01	-3.1072e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	-1.1217e+02	5.8526e+01	-1.8808e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	1.3747e+02	1.7859e+02	1.8147e+00
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	4.4303e+01	-1.1261e+02	-1.0514e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	6.5113e-01	-2.3729e+01	-1.0592e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-1.3923e+01	6.3731e+00	-8.2595e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	5.8735e+01	9.0175e+01	-8.1815e+00
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	3.4202e+01	-1.1700e+02	-1.0912e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	-1.1222e+01	-5.4398e+01	-9.8078e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	-2.1914e+01	-3.7722e+01	-8.2841e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	4.6920e+01	2.1558e+01	-9.3884e+00
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	2.8011e+01	-1.0736e+02	-1.1777e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	-1.9722e+01	-7.1231e+01	-1.0774e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	-2.4881e+01	-6.2896e+01	-8.2360e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	3.5010e+01	-3.2302e+01	-9.2390e+00
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	2.7774e+01	-8.5306e+01	-1.3398e+01



	683	0.0000e+00	0.0000e+00	0.0000e+00	-2.4052e+01	-7.5617e+01	-1.3719e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	-2.5216e+01	-7.4859e+01	-1.0390e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	2.8349e+01	-7.2427e+01	-1.0069e+01
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	3.5045e+01	-5.0511e+01	-1.4894e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	-2.3473e+01	-6.8062e+01	-1.7389e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-2.1206e+01	-7.4927e+01	-1.3920e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	2.8200e+01	-1.0004e+02	-1.1425e+01
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	5.1657e+01	-1.5844e+00	-1.5087e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	-1.7103e+01	-4.8062e+01	-2.0732e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	-1.1814e+01	-6.3430e+01	-1.7799e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	3.6010e+01	-1.1630e+02	-1.2154e+01
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	8.0585e+01	6.3734e+01	-1.2883e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	-3.5275e+00	-1.3672e+01	-2.3200e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	4.4147e+00	-4.0051e+01	-2.1122e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	5.3712e+01	-1.2199e+02	-1.0805e+01
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	1.2582e+02	1.4909e+02	-9.7378e+00
	675	0.0000e+00	0.0000e+00	0.0000e+00	2.2031e+01	4.4470e+01	-2.7723e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	3.0572e+01	-4.5473e+00	-2.4110e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	8.4281e+01	-1.1705e+02	-6.1255e+00
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	3.0110e+02	2.7074e+02	-2.2829e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	-5.9027e+01	1.4883e+02	-4.4406e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	6.8571e+01	7.6495e+01	-1.2688e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	1.3391e+02	-1.1456e+02	8.8889e+00
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	-7.9164e+01	1.3225e+02	6.3073e+00
	674	0.0000e+00	0.0000e+00	0.0000e+00	-2.3410e-01	2.4041e+01	-3.0392e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-9.1403e+00	3.5152e+02	6.4497e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.4433e+02	5.5254e+01	1.0120e+02
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	-5.4114e+01	3.1270e+01	-1.4993e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-4.5117e+01	3.0340e+01	-7.4121e+00
	674	0.0000e+00	0.0000e+00	0.0000e+00	-3.0781e+01	6.7160e+01	-1.0447e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-5.3148e+01	7.2244e+01	-1.8028e+01
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	-6.0863e+01	1.0151e+01	-1.1571e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	-6.1243e+01	9.1731e+00	-5.7996e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	-5.2297e+01	2.4927e+01	-8.5470e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	-5.8160e+01	2.9394e+01	-1.4319e+01
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	-6.7018e+01	-1.9867e+00	-8.4615e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-7.0549e+01	-2.9676e+00	-4.2260e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	-6.5075e+01	6.1536e+00	-6.0093e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	-6.3943e+01	8.7068e+00	-1.0245e+01
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	-7.3024e+01	-9.8796e+00	-6.2548e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-7.8158e+01	-1.0727e+01	-2.0551e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-7.3269e+01	-4.7861e+00	-3.3646e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	-6.9438e+01	-3.0388e+00	-7.5642e+00
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	-8.0184e+01	-1.5728e+01	-5.0132e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-8.6838e+01	-1.5995e+01	3.1194e-01
	670	0.0000e+00	0.0000e+00	0.0000e+00	-8.0749e+01	-1.1560e+01	-5.0011e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-7.5525e+01	-1.0218e+01	-5.8252e+00
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	-8.9322e+01	-2.2111e+01	-5.0793e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	-9.8487e+01	-2.1030e+01	2.1111e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-8.9950e+01	-1.6157e+01	2.2229e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	-8.3346e+01	-1.5297e+01	-4.9675e+00
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	-1.0020e+02	-3.3934e+01	-7.0019e+00
	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.1533e+02	-3.0473e+01	2.4616e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.0285e+02	-2.1030e+01	4.1962e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	-9.3577e+01	-2.1007e+01	-5.2673e+00
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	-1.1200e+02	-6.4551e+01	-9.1341e+00
	666	0.0000e+00	0.0000e+00	0.0000e+00	-1.3827e+02	-6.0357e+01	1.8174e+00
	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.2266e+02	-3.1822e+01	4.2787e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	-1.0550e+02	-3.2505e+01	-6.6728e+00
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	-2.9712e+01	-3.7031e+01	1.0439e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	-1.6902e+02	-3.2237e+02	7.5353e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-1.6828e+02	-1.2827e+01	-1.5021e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-8.9063e+01	-1.1906e+02	1.4017e+01

1932	653	0.0000e+00	0.0000e+00	0.0000e+00	-1.0108e+02	4.6185e+01	5.4412e+00
	664	0.0000e+00	0.0000e+00	0.0000e+00	-8.3212e+01	9.6255e+01	1.6740e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-7.2844e+01	2.8875e+01	4.3179e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	-8.8646e+01	2.6547e+01	3.1880e+01
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	-8.7379e+01	3.6379e+01	-6.3482e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	-6.5972e+01	3.9892e+01	-1.9670e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-9.0173e+01	5.8051e+01	-9.5780e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	-9.0067e+01	4.1564e+01	3.7441e+00
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	-7.5274e+01	1.4946e+01	-1.0074e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-6.5864e+01	1.4096e+01	-1.3824e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-6.7655e+01	2.5753e+01	-1.5318e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-8.1050e+01	2.7864e+01	-1.1568e+01
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	-7.2814e+01	7.4140e-01	-1.0216e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	-6.8612e+01	1.2189e-01	-1.0335e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-6.6998e+01	7.7164e+00	-1.2169e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-7.4668e+01	1.0730e+01	-1.2049e+01
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	-7.4070e+01	-8.5455e+00	-1.0105e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-7.2911e+01	-8.4885e+00	-8.4230e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	-6.9903e+01	-3.3001e+00	-9.3682e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	-7.3683e+01	-1.3699e+00	-1.1050e+01
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	-7.7309e+01	-1.5362e+01	-1.0669e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-7.8693e+01	-1.4487e+01	-7.7060e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	-7.4518e+01	-1.0494e+01	-7.7268e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	-7.5505e+01	-9.5775e+00	-1.0689e+01
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	-8.1043e+01	-2.2018e+01	-1.1530e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-8.5543e+01	-2.0414e+01	-8.0993e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	-8.0717e+01	-1.6203e+01	-7.4130e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	-7.8945e+01	-1.5958e+01	-1.0844e+01
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	-8.1788e+01	-3.0673e+01	-1.0420e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-9.0841e+01	-3.0140e+01	-9.0183e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	-8.7910e+01	-2.3594e+01	-8.8090e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	-8.1890e+01	-2.3475e+01	-1.0211e+01
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	-8.0949e+01	-3.5009e+01	4.7207e+00
	656	0.0000e+00	0.0000e+00	0.0000e+00	-7.6075e+01	-5.1307e+01	-2.4496e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	-9.3766e+01	-3.9734e+01	-1.2814e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	-7.7730e+01	-3.5492e+01	-5.6432e+00
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	-8.9873e+01	-1.3954e+01	2.9892e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-9.9860e+01	-1.2337e+01	4.6286e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-8.3777e+01	-8.4710e+01	2.2426e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	-7.2865e+01	-3.5806e+01	6.0317e+00
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.0011e+02	2.4862e+01	9.2808e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	-9.2821e+01	3.6381e+01	1.5935e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	-8.3096e+01	1.9534e+01	2.3759e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	-9.6405e+01	1.5547e+01	1.7105e+01
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	-9.8364e+01	2.5447e+01	3.3369e-01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-8.5761e+01	2.9999e+01	-4.0601e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	-9.2616e+01	3.8225e+01	4.3686e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.0038e+02	2.6074e+01	8.7625e+00
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	-9.1003e+01	1.3468e+01	-5.0333e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	-7.8863e+01	1.4545e+01	-1.0706e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-8.5930e+01	2.5412e+01	-7.7526e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	-9.5386e+01	2.0635e+01	-2.0797e+00
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	-8.5372e+01	7.0176e-01	-8.0031e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	-7.6018e+01	1.3223e+00	-1.1227e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-7.8813e+01	9.1137e+00	-1.0768e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	-8.9085e+01	8.8236e+00	-7.5436e+00
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	-8.3164e+01	-8.9984e+00	-1.0462e+01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-7.6043e+01	-8.1065e+00	-1.1393e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	-7.6181e+01	-2.6127e+00	-1.1061e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-8.4905e+01	-2.3786e+00	-1.0130e+01
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	-8.3584e+01	-1.5782e+01	-1.2681e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	-7.8008e+01	-1.4997e+01	-1.1985e+01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-7.6750e+01	-1.0725e+01	-1.1524e+01

	638	0.0000e+00	0.0000e+00	0.0000e+00	-8.3436e+01	-1.0855e+01	-1.2220e+01
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	-8.5463e+01	-2.0506e+01	-1.3364e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	-8.0457e+01	-2.1320e+01	-1.2058e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	-7.9316e+01	-1.6951e+01	-1.2444e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	-8.3968e+01	-1.7000e+01	-1.3750e+01
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	-8.7942e+01	-2.2899e+01	-9.3378e+00
	646	0.0000e+00	0.0000e+00	0.0000e+00	-8.1139e+01	-2.9149e+01	-8.5688e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	-8.2372e+01	-2.3226e+01	-1.2421e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	-8.5157e+01	-2.1842e+01	-1.3190e+01
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	-9.2138e+01	-1.9200e+01	1.6099e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	-8.3187e+01	-3.2769e+01	3.9298e+00
	646	0.0000e+00	0.0000e+00	0.0000e+00	-8.3501e+01	-2.9553e+01	-5.8133e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	-8.7141e+01	-2.3813e+01	-8.1332e+00
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	-1.0277e+02	-3.9136e+00	1.0700e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	-9.9339e+01	-8.5354e+00	2.1967e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	-8.4754e+01	-2.7481e+01	1.3281e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	-9.4614e+01	-1.4888e+01	2.0131e+00
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	-1.1411e+02	1.8711e+01	8.0718e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.0310e+02	2.1962e+01	1.1997e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	-9.7654e+01	1.2620e+01	1.2732e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.1164e+02	1.4413e+01	8.8072e+00
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	-1.1294e+02	1.7987e+01	5.0842e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.0050e+02	2.1441e+01	3.0784e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.0245e+02	2.2941e+01	6.4271e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	-1.1503e+02	1.9759e+01	8.4329e+00
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	-1.0721e+02	8.7619e+00	9.7344e-01
	640	0.0000e+00	0.0000e+00	0.0000e+00	-9.4360e+01	1.1192e+01	-3.9038e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	-9.9661e+01	1.8162e+01	-1.0458e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	-1.1175e+02	1.4928e+01	3.8315e+00
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.0125e+02	-2.6938e+00	-3.6863e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	-8.9155e+01	-5.0580e-01	-8.0185e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	-9.3406e+01	6.7057e+00	-5.8275e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	-1.0574e+02	4.5516e+00	-1.4953e+00
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	-9.7715e+01	-1.2128e+01	-8.7383e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	-8.6463e+01	-9.9775e+00	-1.1103e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-8.8584e+01	-4.3375e+00	-9.0872e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.0037e+02	-6.1820e+00	-6.7227e+00
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	-9.7258e+01	-1.7913e+01	-1.3303e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	-8.6260e+01	-1.6640e+01	-1.3573e+01
	638	0.0000e+00	0.0000e+00	0.0000e+00	-8.6652e+01	-1.2544e+01	-1.2037e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	-9.7409e+01	-1.4315e+01	-1.1767e+01
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	-9.9639e+01	-1.9736e+01	-1.5629e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	-8.7890e+01	-2.0944e+01	-1.4175e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	-8.7345e+01	-1.7936e+01	-1.4315e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	-9.7248e+01	-1.8866e+01	-1.5769e+01
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	-1.0459e+02	-1.7356e+01	-1.3766e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	-9.1221e+01	-2.2431e+01	-1.0673e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	-8.9814e+01	-2.1041e+01	-1.3983e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	-9.9753e+01	-1.9556e+01	-1.7076e+01
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	-1.1220e+02	-1.0177e+01	-7.7859e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	-9.8383e+01	-1.7486e+01	-2.0425e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	-9.3651e+01	-2.0848e+01	-8.4126e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	-1.0534e+02	-1.5533e+01	-1.4156e+01
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.2231e+02	1.2774e+00	-2.1049e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	-1.1054e+02	-2.0794e+00	6.6265e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	-1.0038e+02	-1.2953e+01	1.2363e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	-1.1486e+02	-5.6273e+00	-7.4951e+00
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.3237e+02	2.0126e+01	7.5654e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	-1.1985e+02	1.8078e+01	9.6976e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.1681e+02	1.3603e+01	6.0682e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.3110e+02	1.8748e+01	3.9360e+00
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.2964e+02	1.5215e+01	9.8549e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	-1.1753e+02	1.5988e+01	7.4014e+00

	631	0.0000e+00	0.0000e+00	0.0000e+00	-1.1884e+02	1.7972e+01	6.8945e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.3328e+02	1.9751e+01	9.3479e+00
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.2355e+02	3.7670e+00	7.5181e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	-1.1147e+02	6.4732e+00	2.5128e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	-1.1581e+02	1.2706e+01	4.3946e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.2932e+02	1.1683e+01	9.3998e+00
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.1739e+02	-8.8636e+00	1.5636e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.0532e+02	-4.9912e+00	-3.2532e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	-1.0973e+02	2.0441e+00	1.4131e-01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.2270e+02	-8.1077e-01	4.9581e+00
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.1365e+02	-1.8561e+01	-6.3767e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	-1.0144e+02	-1.4418e+01	-9.2415e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.0421e+02	-8.8064e+00	-5.1836e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.1666e+02	-1.2706e+01	-2.3188e+00
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.1351e+02	-2.3136e+01	-1.4308e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	-1.0076e+02	-2.0023e+01	-1.4517e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	-1.0138e+02	-1.6675e+01	-1.0905e+01
	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.1331e+02	-2.0720e+01	-1.0696e+01
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.1726e+02	-2.1818e+01	-2.0013e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	-1.0343e+02	-2.1285e+01	-1.7444e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	-1.0192e+02	-2.0370e+01	-1.5699e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.1358e+02	-2.3296e+01	-1.8268e+01
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.2462e+02	-1.4887e+01	-2.1515e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	-1.0947e+02	-1.7904e+01	-1.6291e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	-1.0573e+02	-1.9654e+01	-1.7660e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.1781e+02	-1.9959e+01	-2.2883e+01
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.3442e+02	-4.0273e+00	-1.8251e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	-1.1879e+02	-9.6065e+00	-1.0887e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	-1.1247e+02	-1.4431e+01	-1.5342e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.2588e+02	-1.1182e+01	-2.2705e+01
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.4405e+02	7.1224e+00	-1.2153e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.2983e+02	2.0547e+00	-4.3853e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	-1.2156e+02	-4.8038e+00	-9.7715e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.3664e+02	8.0317e-01	-1.7539e+01
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	-1.4758e+02	2.7692e+01	8.4731e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.3894e+02	2.1428e+01	9.2384e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.3752e+02	1.9816e+01	1.4734e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.4746e+02	2.8941e+01	7.0805e-01
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	-1.4242e+02	1.6023e+01	1.6059e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.3510e+02	1.4869e+01	1.1952e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.3724e+02	1.9442e+01	8.4585e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	-1.4857e+02	2.5211e+01	1.2566e+01
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.3504e+02	-1.4127e+00	1.4985e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.2775e+02	1.8952e+00	8.9251e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.3234e+02	9.9995e+00	1.0360e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-1.4268e+02	1.0465e+01	1.6419e+01
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.2866e+02	-1.7753e+01	7.1893e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.2068e+02	-1.1770e+01	1.8897e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.2524e+02	-3.5061e+00	6.8761e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.3479e+02	-7.4048e+00	1.2176e+01
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.2519e+02	-2.8833e+01	-4.1995e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.1638e+02	-2.1901e+01	-7.1373e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.1918e+02	-1.5947e+01	-4.3146e-01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.2832e+02	-2.2304e+01	2.5063e+00
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.2561e+02	-3.2537e+01	-1.6279e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.1604e+02	-2.6332e+01	-1.6088e+01
	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.1621e+02	-2.3928e+01	-9.4260e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.2505e+02	-3.0926e+01	-9.6163e+00
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	-1.3048e+02	-2.7974e+01	-2.6377e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.2007e+02	-2.4295e+01	-2.2723e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.1735e+02	-2.5784e+01	-1.7865e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.2583e+02	-3.1733e+01	-2.1519e+01
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	-1.3971e+02	-1.5590e+01	-3.1793e+01

	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.2835e+02	-1.6114e+01	-2.4826e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.2288e+02	-2.1093e+01	-2.3497e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-1.3111e+02	-2.4251e+01	-3.0464e+01
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	-1.5156e+02	1.4160e+00	-3.0231e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.3955e+02	-3.7565e+00	-2.1280e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.3225e+02	-1.0819e+01	-2.4507e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-1.4080e+02	-9.5974e+00	-3.3458e+01
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	-1.6123e+02	1.5960e+01	-2.1590e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.5101e+02	8.3839e+00	-1.3750e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.4337e+02	2.0193e+00	-2.0492e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-1.5305e+02	7.8041e+00	-2.8332e+01
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	-1.4832e+02	4.2532e+01	1.1407e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-1.5282e+02	3.1731e+01	1.0744e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.5262e+02	3.2761e+01	-2.0410e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	-1.4986e+02	4.7297e+01	-1.3772e+00
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	-1.4050e+02	1.9309e+01	2.4473e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-1.4617e+02	1.7368e+01	1.7975e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-1.4968e+02	2.6896e+01	1.2427e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-1.5012e+02	3.5951e+01	1.8924e+01
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	-1.3278e+02	-7.7137e+00	2.2959e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.3676e+02	-2.9586e+00	1.5847e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-1.4212e+02	9.7574e+00	1.8258e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-1.4177e+02	9.7327e+00	2.5371e+01
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.2749e+02	-2.9687e+01	1.2283e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.2906e+02	-2.1174e+01	7.0161e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.3373e+02	-9.9212e+00	1.4556e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-1.3345e+02	-1.6350e+01	1.9822e+01
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	-1.2503e+02	-4.3089e+01	-2.7007e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.2491e+02	-3.2967e+01	-5.3366e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.2747e+02	-2.5930e+01	4.5885e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.2779e+02	-3.5477e+01	7.2243e+00
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	-1.2564e+02	-4.6525e+01	-1.8807e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.2497e+02	-3.6474e+01	-1.8442e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.2471e+02	-3.4944e+01	-8.1454e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	-1.2517e+02	-4.5299e+01	-8.5095e+00
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	-1.3000e+02	-3.9071e+01	-3.3479e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-1.2969e+02	-3.0957e+01	-2.9657e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.2621e+02	-3.5329e+01	-2.0803e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-1.2576e+02	-4.4762e+01	-2.4625e+01
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	-1.3909e+02	-2.0282e+01	-4.3537e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-1.3925e+02	-1.6919e+01	-3.5844e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-1.3266e+02	-2.6412e+01	-3.0762e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-1.3016e+02	-3.3121e+01	-3.8455e+01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	-1.5240e+02	7.0144e+00	-4.4211e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-1.5228e+02	2.3411e+00	-3.3618e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-1.4406e+02	-9.3321e+00	-3.5253e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-1.3924e+02	-1.0764e+01	-4.5847e+01
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	-1.6218e+02	3.0501e+01	-3.1196e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	-1.6530e+02	1.9106e+01	-2.2568e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-1.5766e+02	1.0608e+01	-3.1754e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-1.5240e+02	1.7419e+01	-4.0382e+01
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	-1.1614e+02	6.5377e+01	1.7148e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-1.4935e+02	5.0867e+01	1.4334e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-1.5064e+02	5.5721e+01	-4.9834e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	-1.2053e+02	7.9495e+01	-2.1698e+00
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	-1.0843e+02	2.0040e+01	3.3690e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-1.3817e+02	2.1967e+01	2.4947e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-1.4362e+02	4.0583e+01	1.9904e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-1.2063e+02	5.2505e+01	2.8647e+01
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	-1.0569e+02	-1.8117e+01	2.8089e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-1.2803e+02	-9.6268e+00	2.2245e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-1.3393e+02	1.0844e+01	2.7853e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-1.1158e+02	8.2200e+00	3.3697e+01

1995	584	0.0000e+00	0.0000e+00	0.0000e+00	-1.0526e+02	-4.5412e+01	1.4490e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.2202e+02	-3.3723e+01	1.1163e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-1.2603e+02	-1.7932e+01	2.1853e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-1.0796e+02	-2.7429e+01	2.5180e+01
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	-1.0539e+02	-6.0753e+01	-2.4998e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	-1.1933e+02	-4.7620e+01	-4.0693e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.2131e+02	-3.8846e+01	8.7493e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	-1.0658e+02	-5.1116e+01	1.0319e+01
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	-1.0550e+02	-6.3958e+01	-2.0573e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-1.1950e+02	-5.0532e+01	-2.0617e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	-1.1929e+02	-4.9668e+01	-7.2432e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	-1.0579e+02	-6.2747e+01	-7.1990e+00
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	-1.0604e+02	-5.4267e+01	-3.8102e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-1.2291e+02	-4.1718e+01	-3.6193e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-1.2004e+02	-4.9347e+01	-2.3468e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-1.0506e+02	-6.2016e+01	-2.5376e+01
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	-1.0887e+02	-2.9753e+01	-5.2849e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-1.3094e+02	-2.0696e+01	-4.7682e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-1.2454e+02	-3.6710e+01	-3.7510e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-1.0484e+02	-4.7811e+01	-4.2677e+01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	-1.1982e+02	1.2175e+01	-5.9213e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-1.4398e+02	9.7482e+00	-4.8460e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-1.3511e+02	-1.0951e+01	-4.5978e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-1.0698e+02	-1.8295e+01	-5.6732e+01
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	-1.2866e+02	5.5417e+01	-4.1452e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	-1.5966e+02	3.7486e+01	-3.1306e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-1.5168e+02	2.3124e+01	-4.3773e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-1.1616e+02	2.9900e+01	-5.3918e+01
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	-1.5367e+01	1.1133e+02	2.6176e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-1.0966e+02	8.0786e+01	2.2521e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	-1.0904e+02	9.6130e+01	-6.1334e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	-2.3374e+01	1.2237e+02	-2.4777e+00
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	-2.8614e+01	3.4797e+01	3.3177e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-9.5956e+01	2.1503e+01	3.2098e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-9.3201e+01	6.0992e+01	3.5136e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	-3.3546e+01	4.1678e+01	3.6215e+01
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	-4.3374e+01	-1.8904e+01	2.3085e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-9.2386e+01	-2.0728e+01	2.6086e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-9.1178e+01	1.1524e+01	3.6902e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	-3.8523e+01	-1.1736e+01	3.3901e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	-5.3929e+01	-5.4322e+01	1.0381e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-9.2856e+01	-4.9308e+01	1.3017e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-9.1058e+01	-2.7540e+01	2.6248e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	-5.0409e+01	-4.8748e+01	2.3612e+01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	-5.9120e+01	-7.4949e+01	-4.4218e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	-9.3247e+01	-6.4614e+01	-3.4463e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	-9.2449e+01	-5.3459e+01	1.0892e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	-5.7949e+01	-7.1540e+01	9.9161e+00
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	-5.8590e+01	-8.1895e+01	-2.0139e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-9.2455e+01	-6.6994e+01	-2.1184e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	-9.3000e+01	-6.6478e+01	-6.4091e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	-6.0153e+01	-8.0858e+01	-5.3648e+00
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	-5.2142e+01	-7.5077e+01	-3.5863e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-9.0532e+01	-5.5662e+01	-3.8901e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-9.2165e+01	-6.6571e+01	-2.4040e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-5.6640e+01	-7.6607e+01	-2.1003e+01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	-3.9464e+01	-5.3030e+01	-5.1126e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-8.9349e+01	-2.8424e+01	-5.5454e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-9.0389e+01	-5.2581e+01	-4.0546e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-4.7160e+01	-5.7519e+01	-3.6218e+01
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	-2.9180e+01	-1.0291e+01	-6.5553e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-9.0689e+01	1.8149e+01	-6.6881e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-9.0929e+01	-2.1856e+01	-5.3823e+01

	561	0.0000e+00	0.0000e+00	0.0000e+00	-3.1620e+01	-1.9293e+01	-5.2496e+01
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	-2.5114e+01	9.0789e+01	-5.0685e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	-1.1136e+02	6.9706e+01	-4.1117e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-1.0467e+02	3.9474e+01	-5.6484e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	-1.2487e+01	4.8846e+01	-6.6052e+01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	1.4835e+02	-1.1559e+02	-3.0642e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	6.5276e+01	1.1506e+02	-1.7003e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	-7.9460e+01	1.6012e+02	-7.3494e+00
	10	0.0000e+00	0.0000e+00	0.0000e+00	3.2061e+02	3.7163e+02	-2.0989e+01
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	8.7083e+01	-1.1971e+02	-1.2383e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	2.9750e+01	2.1419e+01	6.1179e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	8.9857e+00	7.0299e+01	5.6026e+00
	576	0.0000e+00	0.0000e+00	0.0000e+00	1.4519e+02	2.1245e+02	-1.2899e+01
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	4.8159e+01	-1.3015e+02	-6.0533e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	2.0751e-01	-2.7101e+01	5.5496e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	-1.4164e+01	3.8525e+00	7.6259e+00
	574	0.0000e+00	0.0000e+00	0.0000e+00	8.5949e+01	1.0278e+02	-3.9770e+00
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	2.6092e+01	-1.2937e+02	-5.6536e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	-1.9562e+01	-5.9705e+01	5.8278e-01
	571	0.0000e+00	0.0000e+00	0.0000e+00	-2.9058e+01	-4.0398e+01	5.1771e+00
	572	0.0000e+00	0.0000e+00	0.0000e+00	4.8175e+01	2.0160e+01	-1.0592e+00
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	1.7486e+01	-1.1620e+02	-8.7965e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	-3.0650e+01	-7.7607e+01	-7.0150e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	-3.6382e+01	-6.8122e+01	-9.3550e-01
	570	0.0000e+00	0.0000e+00	0.0000e+00	2.6813e+01	-4.1582e+01	-2.7169e+00
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	2.1123e+01	-8.9066e+01	-1.3106e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-3.3670e+01	-8.1395e+01	-1.5474e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-3.5930e+01	-8.1127e+01	-9.0269e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	1.8603e+01	-8.6233e+01	-6.6586e+00
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	3.7645e+01	-4.5596e+01	-1.6433e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-2.8522e+01	-7.0496e+01	-2.3335e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-2.7417e+01	-8.0010e+01	-1.7540e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	2.2609e+01	-1.1639e+02	-1.0639e+01
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	7.0206e+01	1.7640e+01	-1.6939e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-1.4324e+01	-4.2742e+01	-2.9730e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-9.7065e+00	-6.4265e+01	-2.5164e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	3.9773e+01	-1.3369e+02	-1.2373e+01
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	1.2423e+02	1.0572e+02	-1.4975e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	1.4129e+01	1.0489e+01	-3.7132e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	2.0169e+01	-3.3129e+01	-3.1940e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	7.3466e+01	-1.3865e+02	-9.7825e+00
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	3.0834e+02	2.3495e+02	-3.0212e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-5.2002e+01	1.2244e+02	-5.9430e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	6.7753e+01	3.9795e+01	-2.4796e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	1.2961e+02	-1.4135e+02	4.4219e+00
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	-8.2648e+01	1.3594e+02	3.9558e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	-2.3613e+00	1.8456e+01	-3.1669e+01
	19	0.0000e+00	0.0000e+00	0.0000e+00	2.1745e+00	3.7202e+02	6.4389e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-1.5909e+02	6.4166e+01	1.0001e+02
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	-5.8609e+01	2.5967e+01	-1.7488e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	-4.9550e+01	2.4699e+01	-9.5632e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	-3.5277e+01	6.5824e+01	-1.3143e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-5.6888e+01	7.1651e+01	-2.1068e+01
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	-6.5034e+01	3.4656e+00	-1.2878e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	-6.5572e+01	2.0583e+00	-7.5782e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	-5.6967e+01	1.8941e+01	-1.0821e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-6.2942e+01	2.3961e+01	-1.6121e+01
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	-7.0188e+01	-8.4493e+00	-9.0985e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-7.3861e+01	-9.7150e+00	-5.6483e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	-6.9148e+01	-9.8207e-01	-7.7771e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	-6.7937e+01	1.9712e+00	-1.1227e+01
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	-7.4822e+01	-1.5034e+01	-6.4785e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	-8.0042e+01	-1.6041e+01	-3.2340e+00

	554	0.0000e+00	0.0000e+00	0.0000e+00	-7.6094e+01	-1.1316e+01	-4.7510e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	-7.2221e+01	-9.3167e+00	-7.9954e+00
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	-8.0283e+01	-1.8914e+01	-5.0037e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	-8.6938e+01	-1.9219e+01	-8.2955e-01
	553	0.0000e+00	0.0000e+00	0.0000e+00	-8.2001e+01	-1.6498e+01	-1.7178e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	-7.6794e+01	-1.5042e+01	-5.8919e+00
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	-8.7257e+01	-2.2889e+01	-4.9479e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-9.6298e+01	-2.1750e+01	7.6288e-01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-8.9266e+01	-1.8951e+01	9.1352e-01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-8.2763e+01	-1.8110e+01	-4.7972e+00
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	-9.5257e+01	-3.1803e+01	-6.7590e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.0992e+02	-2.8252e+01	6.4252e-01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-9.9639e+01	-2.1385e+01	2.4848e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-9.0595e+01	-2.1485e+01	-4.9167e+00
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	-1.0249e+02	-5.8120e+01	-8.6350e+00
	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.2839e+02	-5.3903e+01	-7.6817e-01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.1579e+02	-2.9443e+01	1.8604e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	-9.9207e+01	-3.0436e+01	-6.0064e+00
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	-2.3654e+01	-2.5034e+01	1.0182e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	-1.4329e+02	-2.9852e+02	6.8890e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.5509e+02	-1.0392e+01	-1.9022e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-7.8330e+01	-1.0966e+02	1.3912e+01
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.1384e+02	4.8214e+01	4.8745e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	-9.0840e+01	9.9927e+01	1.3821e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-8.2941e+01	3.4848e+01	4.1648e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	-1.0368e+02	3.1415e+01	3.2701e+01
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	-9.6102e+01	3.2919e+01	-6.6268e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	-7.2029e+01	3.5958e+01	-2.2073e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-9.8355e+01	5.6434e+01	-1.2855e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.0095e+02	4.1205e+01	2.5914e+00
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	-8.1529e+01	9.2860e+00	-9.7173e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	-7.0728e+01	7.8829e+00	-1.4763e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-7.3342e+01	2.0222e+01	-1.7131e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-8.9100e+01	2.3510e+01	-1.2085e+01
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	-7.7285e+01	-5.0795e+00	-9.2676e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	-7.2159e+01	-6.1122e+00	-1.0471e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	-7.1418e+01	1.0341e+00	-1.2902e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	-8.0455e+01	4.8189e+00	-1.1698e+01
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	-7.6901e+01	-1.3250e+01	-8.6674e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	-7.4979e+01	-1.3540e+01	-8.0270e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	-7.2929e+01	-9.5006e+00	-9.4014e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	-7.7659e+01	-7.0668e+00	-1.0042e+01
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	-7.8474e+01	-1.8181e+01	-8.7890e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	-7.9055e+01	-1.7657e+01	-6.9257e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	-7.5994e+01	-1.5238e+01	-7.3034e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	-7.7774e+01	-1.3966e+01	-9.1668e+00
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	-8.0431e+01	-2.2436e+01	-9.1765e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-8.3865e+01	-2.1275e+01	-6.9832e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	-8.0400e+01	-1.8905e+01	-6.6651e+00
	531	0.0000e+00	0.0000e+00	0.0000e+00	-7.9469e+01	-1.8375e+01	-8.8584e+00
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	-7.9386e+01	-2.8221e+01	-7.5470e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	-8.6694e+01	-2.8301e+01	-7.5127e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-8.5437e+01	-2.3825e+01	-7.7473e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-8.0573e+01	-2.3440e+01	-7.7816e+00
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	-7.6927e+01	-2.9356e+01	7.6546e+00
	539	0.0000e+00	0.0000e+00	0.0000e+00	-6.9951e+01	-4.5985e+01	-5.6499e-01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-8.8694e+01	-3.6795e+01	-1.1149e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	-7.4773e+01	-3.2448e+01	-2.9293e+00
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	-8.1696e+01	-6.3879e+00	3.0511e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-9.3572e+01	-3.4859e+00	4.5429e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-7.5998e+01	-7.5318e+01	2.3787e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	-6.9162e+01	-2.9525e+01	8.8694e+00
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.1682e+02	2.5558e+01	1.2734e+01



	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.0611e+02	3.7750e+01	1.6560e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	-9.9088e+01	2.3369e+01	2.4988e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.1612e+02	1.8858e+01	2.1162e+01
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.1105e+02	2.2455e+01	3.2751e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	-9.5573e+01	2.6759e+01	-3.9203e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.0529e+02	3.7451e+01	4.4943e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.1585e+02	2.5079e+01	1.1690e+01
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	-1.0037e+02	8.4453e+00	-2.1705e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	-8.6095e+01	9.1899e+00	-9.9174e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	-9.5079e+01	2.0849e+01	-7.3638e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.0703e+02	1.6533e+01	3.8321e-01
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	-9.2203e+01	-4.5746e+00	-4.9932e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	-8.1208e+01	-4.2855e+00	-9.7719e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	-8.5406e+01	3.1152e+00	-9.7526e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	-9.7650e+01	3.3661e+00	-4.9739e+00
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	-8.7952e+01	-1.3228e+01	-7.1984e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	-7.9447e+01	-1.2691e+01	-9.3827e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	-8.0759e+01	-8.3213e+00	-9.4624e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	-9.1049e+01	-7.6263e+00	-7.2782e+00
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	-8.6608e+01	-1.8129e+01	-9.0641e+00
	531	0.0000e+00	0.0000e+00	0.0000e+00	-7.9716e+01	-1.7765e+01	-9.4671e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	-7.9556e+01	-1.5062e+01	-9.4254e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	-8.7581e+01	-1.4781e+01	-9.0225e+00
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	-8.6876e+01	-2.0470e+01	-9.3069e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-8.0478e+01	-2.1761e+01	-9.0252e+00
	531	0.0000e+00	0.0000e+00	0.0000e+00	-8.0413e+01	-1.9245e+01	-9.8569e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	-8.6373e+01	-1.8888e+01	-1.0138e+01
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	-8.7831e+01	-2.0273e+01	-4.9276e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	-7.9542e+01	-2.6835e+01	-5.1120e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-8.1734e+01	-2.3024e+01	-9.3182e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	-8.6011e+01	-2.1250e+01	-9.1339e+00
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	-9.0621e+01	-1.4279e+01	5.8420e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	-8.0009e+01	-2.7402e+01	7.2662e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	-8.1151e+01	-2.6560e+01	-2.3886e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	-8.6604e+01	-2.0549e+01	-3.8127e+00
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	-9.8738e+01	2.2334e+00	1.4232e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	-9.4891e+01	-2.0692e+00	2.4211e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	-8.0837e+01	-2.1492e+01	1.6131e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	-9.2651e+01	-9.7826e+00	6.1527e+00
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.3459e+02	1.8333e+01	1.5857e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.2073e+02	2.2250e+01	1.6494e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.1839e+02	1.5220e+01	1.7706e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.3564e+02	1.6735e+01	1.7070e+01
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.2916e+02	1.4440e+01	1.1810e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.1409e+02	1.8237e+01	6.7824e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.1907e+02	2.1442e+01	1.0530e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.3433e+02	1.7812e+01	1.5558e+01
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.1974e+02	3.6203e+00	6.9275e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	-1.0461e+02	6.1530e+00	-4.1897e-01
	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.1236e+02	1.3715e+01	2.5735e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.2682e+02	1.0317e+01	9.9199e+00
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	-1.1079e+02	-7.8858e+00	1.8027e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	-9.6757e+01	-5.7443e+00	-4.4332e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	-1.0286e+02	1.0244e+00	-2.2920e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.1727e+02	-1.0775e+00	3.9439e+00
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.0487e+02	-1.6142e+01	-3.4460e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	-9.1929e+01	-1.4168e+01	-7.2755e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	-9.5483e+01	-9.7106e+00	-5.4321e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	-1.0905e+02	-1.1390e+01	-1.6025e+00
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	-1.0248e+02	-1.9925e+01	-7.9622e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	-8.9933e+01	-1.8957e+01	-9.3950e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	-9.1489e+01	-1.6506e+01	-8.1410e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.0382e+02	-1.8023e+01	-6.7082e+00

2058 508 0.0000e+00 0.0000e+00 0.0000e+00 -1.0322e+02 -1.9318e+01 -1.0046e+01  
519 0.0000e+00 0.0000e+00 0.0000e+00 -8.9990e+01 -2.0899e+01 -9.5673e+00  
520 0.0000e+00 0.0000e+00 0.0000e+00 -9.0429e+01 -1.9790e+01 -1.0067e+01  
509 0.0000e+00 0.0000e+00 0.0000e+00 -1.0182e+02 -2.0381e+01 -1.0546e+01

2059 507 0.0000e+00 0.0000e+00 0.0000e+00 -1.0663e+02 -1.4523e+01 -7.9003e+00  
518 0.0000e+00 0.0000e+00 0.0000e+00 -9.1873e+01 -1.9860e+01 -5.7106e+00  
519 0.0000e+00 0.0000e+00 0.0000e+00 -9.1321e+01 -2.0419e+01 -9.3346e+00  
508 0.0000e+00 0.0000e+00 0.0000e+00 -1.0276e+02 -1.8573e+01 -1.1524e+01

2060 506 0.0000e+00 0.0000e+00 0.0000e+00 -1.1259e+02 -5.5118e+00 -1.8387e+00  
517 0.0000e+00 0.0000e+00 0.0000e+00 -9.7431e+01 -1.2745e+01 2.8636e+00  
518 0.0000e+00 0.0000e+00 0.0000e+00 -9.3647e+01 -1.7738e+01 -3.5720e+00  
507 0.0000e+00 0.0000e+00 0.0000e+00 -1.0689e+02 -1.2216e+01 -8.2744e+00

2061 505 0.0000e+00 0.0000e+00 0.0000e+00 -1.2059e+02 6.5166e+00 3.5111e+00  
516 0.0000e+00 0.0000e+00 0.0000e+00 -1.0783e+02 3.6563e+00 1.0915e+01  
517 0.0000e+00 0.0000e+00 0.0000e+00 -9.8725e+01 -8.0632e+00 5.8368e+00  
506 0.0000e+00 0.0000e+00 0.0000e+00 -1.1476e+02 -8.5916e-01 -1.5672e+00

2062 503 0.0000e+00 0.0000e+00 0.0000e+00 -1.5583e+02 1.8414e+01 2.0018e+01  
514 0.0000e+00 0.0000e+00 0.0000e+00 -1.4115e+02 1.7258e+01 1.8515e+01  
515 0.0000e+00 0.0000e+00 0.0000e+00 -1.4162e+02 1.5313e+01 1.5646e+01  
504 0.0000e+00 0.0000e+00 0.0000e+00 -1.5839e+02 1.9844e+01 1.7148e+01

2063 502 0.0000e+00 0.0000e+00 0.0000e+00 -1.4868e+02 1.0460e+01 2.0649e+01  
513 0.0000e+00 0.0000e+00 0.0000e+00 -1.3445e+02 1.2023e+01 1.5028e+01  
514 0.0000e+00 0.0000e+00 0.0000e+00 -1.3894e+02 1.5453e+01 1.5349e+01  
503 0.0000e+00 0.0000e+00 0.0000e+00 -1.5554e+02 1.6378e+01 2.0971e+01

2064 501 0.0000e+00 0.0000e+00 0.0000e+00 -1.3876e+02 -2.2364e+00 1.6862e+01  
512 0.0000e+00 0.0000e+00 0.0000e+00 -1.2468e+02 1.0412e+00 9.2253e+00  
513 0.0000e+00 0.0000e+00 0.0000e+00 -1.3168e+02 7.6235e+00 1.1760e+01  
502 0.0000e+00 0.0000e+00 0.0000e+00 -1.4717e+02 5.8770e+00 1.9397e+01

2065 500 0.0000e+00 0.0000e+00 0.0000e+00 -1.2943e+02 -1.4582e+01 9.7935e+00  
511 0.0000e+00 0.0000e+00 0.0000e+00 -1.1550e+02 -1.0364e+01 2.8937e+00  
512 0.0000e+00 0.0000e+00 0.0000e+00 -1.2204e+02 -3.9471e+00 6.7102e+00  
501 0.0000e+00 0.0000e+00 0.0000e+00 -1.3682e+02 -7.2923e+00 1.3610e+01

2066 499 0.0000e+00 0.0000e+00 0.0000e+00 -1.2312e+02 -2.2801e+01 1.1115e+00  
510 0.0000e+00 0.0000e+00 0.0000e+00 -1.0921e+02 -1.8536e+01 -3.3570e+00  
511 0.0000e+00 0.0000e+00 0.0000e+00 -1.1362e+02 -1.4266e+01 8.9519e-01  
500 0.0000e+00 0.0000e+00 0.0000e+00 -1.2773e+02 -1.8428e+01 5.3637e+00

2067 498 0.0000e+00 0.0000e+00 0.0000e+00 -1.2092e+02 -2.5095e+01 -7.1826e+00  
509 0.0000e+00 0.0000e+00 0.0000e+00 -1.0660e+02 -2.2081e+01 -8.6246e+00  
510 0.0000e+00 0.0000e+00 0.0000e+00 -1.0849e+02 -2.0527e+01 -5.0377e+00  
499 0.0000e+00 0.0000e+00 0.0000e+00 -1.2194e+02 -2.4622e+01 -3.5957e+00

2068 497 0.0000e+00 0.0000e+00 0.0000e+00 -1.2297e+02 -2.1128e+01 -1.2894e+01  
508 0.0000e+00 0.0000e+00 0.0000e+00 -1.0765e+02 -2.0875e+01 -1.1320e+01  
509 0.0000e+00 0.0000e+00 0.0000e+00 -1.0717e+02 -2.1940e+01 -9.7907e+00  
498 0.0000e+00 0.0000e+00 0.0000e+00 -1.2026e+02 -2.4718e+01 -1.1365e+01

2069 496 0.0000e+00 0.0000e+00 0.0000e+00 -1.2875e+02 -1.1708e+01 -1.4124e+01  
507 0.0000e+00 0.0000e+00 0.0000e+00 -1.1218e+02 -1.5078e+01 -9.8337e+00  
508 0.0000e+00 0.0000e+00 0.0000e+00 -1.0940e+02 -1.8690e+01 -1.1531e+01  
497 0.0000e+00 0.0000e+00 0.0000e+00 -1.2288e+02 -1.8696e+01 -1.5821e+01

2070 495 0.0000e+00 0.0000e+00 0.0000e+00 -1.3678e+02 8.1330e-01 -1.0470e+01  
506 0.0000e+00 0.0000e+00 0.0000e+00 -1.1985e+02 -5.0153e+00 -4.2265e+00  
507 0.0000e+00 0.0000e+00 0.0000e+00 -1.1459e+02 -1.1180e+01 -8.9737e+00  
496 0.0000e+00 0.0000e+00 0.0000e+00 -1.2943e+02 -7.6003e+00 -1.5218e+01

2071 494 0.0000e+00 0.0000e+00 0.0000e+00 -1.4438e+02 1.2049e+01 -4.1829e+00  
505 0.0000e+00 0.0000e+00 0.0000e+00 -1.2864e+02 7.1099e+00 2.0833e+00  
506 0.0000e+00 0.0000e+00 0.0000e+00 -1.2191e+02 -2.3401e-01 -3.3661e+00  
495 0.0000e+00 0.0000e+00 0.0000e+00 -1.3846e+02 5.6269e+00 -9.6322e+00

2072 492 0.0000e+00 0.0000e+00 0.0000e+00 -1.7226e+02 2.4099e+01 2.5552e+01  
503 0.0000e+00 0.0000e+00 0.0000e+00 -1.6276e+02 1.9098e+01 2.2680e+01  
504 0.0000e+00 0.0000e+00 0.0000e+00 -1.6499e+02 2.0370e+01 1.6193e+01  
493 0.0000e+00 0.0000e+00 0.0000e+00 -1.7583e+02 2.8226e+01 1.9065e+01

2073 491 0.0000e+00 0.0000e+00 0.0000e+00 -1.6294e+02 9.4313e+00 3.0871e+01  
502 0.0000e+00 0.0000e+00 0.0000e+00 -1.5446e+02 9.5000e+00 2.3665e+01  
503 0.0000e+00 0.0000e+00 0.0000e+00 -1.5982e+02 1.5473e+01 2.1504e+01

	492	0.0000e+00	0.0000e+00	0.0000e+00	-1.7212e+02	1.9825e+01	2.8709e+01
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.5192e+02	-8.9579e+00	2.7728e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.4331e+02	-4.6266e+00	1.9084e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.5062e+02	3.6383e+00	2.1689e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-1.6206e+02	2.8075e+00	3.0333e+01
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	-1.4246e+02	-2.4627e+01	1.8211e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.3310e+02	-1.7881e+01	1.0832e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.3986e+02	-1.0458e+01	1.6730e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.5059e+02	-1.5401e+01	2.4109e+01
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.3645e+02	-3.3814e+01	5.5304e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.2627e+02	-2.6412e+01	9.7572e-01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.3079e+02	-2.2031e+01	8.2961e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	-1.4112e+02	-2.9137e+01	1.2851e+01
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	-1.3484e+02	-3.4810e+01	-7.3624e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.2391e+02	-2.8451e+01	-8.4015e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.2542e+02	-2.8069e+01	-1.4397e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.3543e+02	-3.5507e+01	-4.0052e-01
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	-1.3807e+02	-2.7169e+01	-1.7761e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.2630e+02	-2.3669e+01	-1.5061e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.2465e+02	-2.7318e+01	-1.0229e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	-1.3428e+02	-3.3393e+01	-1.2929e+01
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	-1.4587e+02	-1.1919e+01	-2.2940e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.3308e+02	-1.2934e+01	-1.6832e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.2860e+02	-1.9832e+01	-1.5845e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	-1.3802e+02	-2.2803e+01	-2.1952e+01
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	-1.5609e+02	6.9304e+00	-2.0657e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.4266e+02	1.0926e+00	-1.2756e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.3647e+02	-7.1733e+00	-1.6544e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	-1.4633e+02	-5.5032e+00	-2.4446e+01
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	-1.6401e+02	2.1272e+01	-1.1174e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.5160e+02	1.3279e+01	-4.8563e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.4582e+02	6.7838e+00	-1.2145e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	-1.5704e+02	1.3235e+01	-1.8462e+01
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	-1.7124e+02	3.6501e+01	3.2398e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-1.7703e+02	2.7297e+01	2.8666e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-1.8013e+02	3.1662e+01	1.7742e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-1.7567e+02	4.4108e+01	2.1474e+01
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	-1.6020e+02	1.0326e+01	4.2752e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-1.6637e+02	9.9689e+00	3.3623e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-1.7282e+02	2.0989e+01	2.9911e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-1.7218e+02	2.7989e+01	3.9039e+01
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	-1.4956e+02	-1.7383e+01	3.8714e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.5348e+02	-1.1222e+01	2.9373e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-1.6134e+02	1.5549e+00	3.3440e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-1.6055e+02	-3.4419e-01	4.2781e+01
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	-1.4170e+02	-3.8287e+01	2.5839e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-1.4283e+02	-2.8634e+01	1.8745e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.4956e+02	-1.8422e+01	2.7659e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-1.4929e+02	-2.6434e+01	3.4753e+01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	-1.3706e+02	-4.9332e+01	9.0974e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.3626e+02	-3.8386e+01	5.0178e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	-1.4047e+02	-3.3182e+01	1.5979e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-1.4109e+02	-4.3959e+01	2.0059e+01
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	-1.3590e+02	-4.9547e+01	-8.2565e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	-1.3439e+02	-3.9036e+01	-8.9811e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.3540e+02	-3.9824e+01	1.9782e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	-1.3635e+02	-5.1033e+01	2.7027e+00
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	-1.3890e+02	-3.8429e+01	-2.3589e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	-1.3760e+02	-3.0302e+01	-2.0548e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	-1.3510e+02	-3.7135e+01	-1.1455e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	-1.3525e+02	-4.7028e+01	-1.4496e+01
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	-1.4700e+02	-1.6079e+01	-3.3577e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	-1.4589e+02	-1.3273e+01	-2.6469e+01

	486	0.0000e+00	0.0000e+00	0.0000e+00	-1.4016e+02	-2.4923e+01	-2.1657e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	-1.3837e+02	-3.1651e+01	-2.8766e+01
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	-1.5928e+02	1.3721e+01	-3.3280e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	-1.5764e+02	7.9135e+00	-2.3366e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	-1.5036e+02	-4.9975e+00	-2.5818e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	-1.4655e+02	-5.9460e+00	-3.5732e+01
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	-1.6811e+02	3.7075e+01	-1.8655e+01
	483	0.0000e+00	0.0000e+00	0.0000e+00	-1.6825e+02	2.4518e+01	-1.1232e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	-1.6255e+02	1.6216e+01	-2.1561e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	-1.5882e+02	2.4129e+01	-2.8984e+01
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	-1.3287e+02	5.6404e+01	4.0356e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-1.7057e+02	4.3817e+01	3.5820e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-1.7415e+02	5.2512e+01	1.8791e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-1.3845e+02	7.3672e+01	2.3327e+01
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	-1.2385e+02	8.2091e+00	5.4156e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-1.5660e+02	1.2034e+01	4.3817e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-1.6422e+02	3.2359e+01	4.0972e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-1.3710e+02	4.1822e+01	5.1311e+01
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	-1.1971e+02	-3.0319e+01	4.5874e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-1.4390e+02	-2.0172e+01	3.8625e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-1.5168e+02	3.8943e-01	4.6251e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-1.2655e+02	-4.5769e+00	5.3500e+01
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	-1.1784e+02	-5.6112e+01	2.9877e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-1.3562e+02	-4.3063e+01	2.5341e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-1.4123e+02	-2.8431e+01	3.7756e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-1.2139e+02	-3.9987e+01	4.2293e+01
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	-1.1658e+02	-6.8608e+01	1.0879e+01
	477	0.0000e+00	0.0000e+00	0.0000e+00	-1.3099e+02	-5.4441e+01	8.3075e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	-1.3426e+02	-4.7717e+01	2.2509e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-1.1850e+02	-6.1695e+01	2.5080e+01
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	-1.1548e+02	-6.8064e+01	-8.7637e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	-1.2957e+02	-5.3963e+01	-9.5672e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	-1.3035e+02	-5.5715e+01	4.8209e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	-1.1632e+02	-7.0129e+01	5.6244e+00
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	-1.1513e+02	-5.4095e+01	-2.7348e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	-1.3180e+02	-4.1318e+01	-2.5909e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	-1.2962e+02	-5.1791e+01	-1.2591e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-1.1440e+02	-6.5406e+01	-1.4031e+01
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	-1.1758e+02	-2.5181e+01	-4.2457e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	-1.3906e+02	-1.6566e+01	-3.7419e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	-1.3311e+02	-3.5195e+01	-2.7223e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-1.1337e+02	-4.6788e+01	-3.2260e+01
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	-1.2880e+02	2.0600e+01	-4.8027e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	-1.5165e+02	1.6517e+01	-3.7102e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	-1.4316e+02	-5.7001e+00	-3.5508e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-1.1524e+02	-1.2942e+01	-4.6433e+01
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	-1.3812e+02	6.4061e+01	-2.7752e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	-1.6562e+02	4.4311e+01	-1.8061e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	-1.5933e+02	3.0329e+01	-3.2320e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	-1.2485e+02	3.8837e+01	-4.2011e+01
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	-1.9561e+01	1.0148e+02	4.8862e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-1.2350e+02	7.0909e+01	4.5843e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-1.2265e+02	9.0803e+01	1.9632e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	-2.6496e+01	1.1218e+02	2.2650e+01
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	-3.4980e+01	2.0978e+01	5.3474e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-1.0901e+02	8.6959e+00	5.2738e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-1.0671e+02	5.0484e+01	5.8268e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	-3.8766e+01	2.7243e+01	5.9004e+01
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	-5.1052e+01	-3.3504e+01	4.1042e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-1.0458e+02	-3.3882e+01	4.4154e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-1.0401e+02	-1.2948e+00	5.7197e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	-4.5346e+01	-2.7521e+01	5.4085e+01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	-6.2152e+01	-6.7544e+01	2.6233e+01

	467	0.0000e+00	0.0000e+00	0.0000e+00	-1.0407e+02	-6.0845e+01	2.8745e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-1.0303e+02	-4.0243e+01	4.3882e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	-5.8126e+01	-6.3543e+01	4.1370e+01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	-6.7363e+01	-8.5287e+01	9.5525e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	-1.0342e+02	-7.3167e+01	1.0269e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-1.0342e+02	-6.4235e+01	2.6202e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-6.5911e+01	-8.3692e+01	2.5486e+01
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	-6.6595e+01	-8.8323e+01	-7.7963e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	-1.0166e+02	-7.1651e+01	-9.1064e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	-1.0295e+02	-7.4055e+01	6.9613e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	-6.7949e+01	-8.9226e+01	8.2714e+00
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	-5.9916e+01	-7.6929e+01	-2.4858e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-9.9028e+01	-5.5878e+01	-2.8026e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-1.0123e+02	-7.0096e+01	-1.2192e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-6.4112e+01	-8.0426e+01	-9.0237e+00
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	-4.7333e+01	-4.9954e+01	-4.1060e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-9.7628e+01	-2.4047e+01	-4.5198e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-9.8908e+01	-5.1551e+01	-2.9721e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-5.4406e+01	-5.6319e+01	-2.5582e+01
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	-3.8076e+01	-2.2069e+00	-5.5704e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	-9.9561e+01	2.6625e+01	-5.6197e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-9.9578e+01	-1.6138e+01	-4.3303e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-3.9054e+01	-1.2861e+01	-4.2810e+01
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	-3.8581e+01	1.0543e+02	-3.7873e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-1.2040e+02	7.8866e+01	-2.6362e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	-1.1495e+02	4.9691e+01	-4.5180e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	-2.0806e+01	6.0416e+01	-5.6691e+01
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	1.6381e+02	-1.4180e+02	-1.4694e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	6.9264e+01	1.0356e+02	3.0650e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	-7.7367e+01	1.5295e+02	1.3751e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	3.4628e+02	3.7713e+02	-4.0081e+00
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	9.5002e+01	-1.4183e+02	3.4776e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	2.8925e+01	6.2694e+00	2.5253e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	8.6905e+00	5.7689e+01	2.5746e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	1.5919e+02	2.0481e+02	3.9706e+00
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	5.1134e+01	-1.4743e+02	9.4099e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	-3.8916e+00	-4.2577e+01	2.3420e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	-1.7051e+01	-1.0995e+01	2.6476e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	9.2570e+01	8.7799e+01	1.2466e+01
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	2.5965e+01	-1.4115e+02	9.0847e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	-2.5617e+01	-7.3480e+01	1.7084e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	-3.3445e+01	-5.4860e+01	2.2698e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	4.9938e+01	1.6855e+00	1.4699e+01
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	1.5448e+01	-1.2208e+02	4.9354e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	-3.7741e+01	-8.8257e+01	8.0883e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	-4.1455e+01	-8.0347e+01	1.5216e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	2.5526e+01	-6.0653e+01	1.2063e+01
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	1.7923e+01	-8.8861e+01	-5.2191e-01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-4.1248e+01	-8.7933e+01	-1.7261e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	-4.1175e+01	-8.9841e+01	5.7520e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	1.5420e+01	-1.0373e+02	6.9562e+00
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	3.3719e+01	-3.9301e+01	-5.0338e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	-3.6353e+01	-7.2268e+01	-1.0836e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-3.2602e+01	-8.4351e+01	-4.0668e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	1.8256e+01	-1.3073e+02	1.7356e+00
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	6.5736e+01	2.9876e+01	-6.6915e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	-2.2493e+01	-3.9362e+01	-1.8304e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-1.4862e+01	-6.3690e+01	-1.2848e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	3.4668e+01	-1.4374e+02	-1.2360e+00
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	1.1917e+02	1.2356e+02	-5.8090e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	5.0715e+00	1.9240e+01	-2.6503e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	1.4697e+01	-2.7374e+01	-2.0511e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	6.7773e+01	-1.4356e+02	1.8322e-01

2121	7	0.0000e+00	0.0000e+00	0.0000e+00	3.0344e+02	2.5794e+02	-2.3292e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-6.6212e+01	1.3831e+02	-4.9619e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	6.1153e+01	5.1166e+01	-1.3207e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	1.2294e+02	-1.4063e+02	1.3120e+01
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	-7.4930e+01	1.3080e+02	5.6019e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	-2.6633e+00	1.6667e+01	-2.4371e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	1.3735e+01	3.5716e+02	6.6673e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	-1.5182e+02	6.2593e+01	9.6646e+01
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	-5.5867e+01	2.7314e+01	-1.5710e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	-4.8445e+01	2.6987e+01	-6.9735e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	-3.4959e+01	6.5806e+01	-9.2807e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	-5.1720e+01	7.0052e+01	-1.8017e+01
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	-6.3161e+01	6.7731e+00	-1.1786e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	-6.4298e+01	5.8949e+00	-6.1887e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	-5.5784e+01	2.2174e+01	-8.5656e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	-6.0377e+01	2.6007e+01	-1.4163e+01
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	-6.8848e+01	-5.0281e+00	-8.7367e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	-7.2764e+01	-5.8955e+00	-5.0108e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	-6.7968e+01	3.1062e+00	-6.5758e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	-6.6125e+01	5.3404e+00	-1.0302e+01
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	-7.4081e+01	-1.2480e+01	-6.6749e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	-7.9491e+01	-1.3186e+01	-3.0435e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	-7.5215e+01	-7.6164e+00	-4.1882e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	-7.1028e+01	-6.0542e+00	-7.8196e+00
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	-8.0354e+01	-1.7877e+01	-5.6544e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	-8.7350e+01	-1.7902e+01	-9.0012e-01
	436	0.0000e+00	0.0000e+00	0.0000e+00	-8.1791e+01	-1.3959e+01	-1.5142e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	-7.6316e+01	-1.2767e+01	-6.2685e+00
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	-8.8398e+01	-2.3872e+01	-6.0491e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	-9.8220e+01	-2.2345e+01	5.0672e-01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-9.0155e+01	-1.8068e+01	9.3770e-01
	425	0.0000e+00	0.0000e+00	0.0000e+00	-8.3232e+01	-1.7396e+01	-5.6181e+00
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	-9.7649e+01	-3.5385e+01	-8.4241e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.1397e+02	-3.1092e+01	7.4601e-02
	434	0.0000e+00	0.0000e+00	0.0000e+00	-1.0219e+02	-2.2559e+01	2.3533e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	-9.2272e+01	-2.2781e+01	-6.1454e+00
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	-1.0446e+02	-6.5227e+01	-1.0819e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-1.3593e+02	-5.9882e+01	-2.0662e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.2065e+02	-3.3178e+01	1.3651e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	-1.0207e+02	-3.4632e+01	-7.3881e+00
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	-2.8215e+01	-3.0574e+01	1.0602e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.4019e+02	-3.1557e+02	6.9416e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-1.6372e+02	-1.8377e+01	-2.3575e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	-7.8578e+01	-1.1909e+02	1.3032e+01
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	-1.0682e+02	4.7947e+01	4.8786e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	-8.4570e+01	9.6747e+01	1.4264e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	-7.3570e+01	3.3913e+01	4.0765e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	-9.8879e+01	3.0196e+01	3.1379e+01
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	-9.0931e+01	3.3652e+01	-6.4934e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	-6.8353e+01	3.6952e+01	-2.0155e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	-9.2351e+01	5.5280e+01	-1.1391e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	-9.4508e+01	4.1212e+01	2.2705e+00
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	-7.8181e+01	1.1714e+01	-9.7087e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	-6.8230e+01	1.0750e+01	-1.3735e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	-6.9837e+01	2.2358e+01	-1.5657e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	-8.4701e+01	2.5204e+01	-1.1631e+01
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	-7.5018e+01	-2.3726e+00	-9.7096e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	-7.0426e+01	-2.9605e+00	-1.0301e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	-6.9166e+01	4.3388e+00	-1.2217e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	-7.7472e+01	7.5475e+00	-1.1625e+01
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	-7.5411e+01	-1.1277e+01	-9.6372e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	-7.3944e+01	-1.1136e+01	-8.5283e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	-7.1457e+01	-6.3564e+00	-9.4364e+00

416 0.0000e+00 0.0000e+00 0.0000e+00 -7.5660e+01 -4.4154e+00 -1.0545e+01

2137 414 0.0000e+00 0.0000e+00 0.0000e+00 -7.7678e+01 -1.7645e+01 -1.0305e+01  
425 0.0000e+00 0.0000e+00 0.0000e+00 -7.8810e+01 -1.6672e+01 -7.9886e+00  
426 0.0000e+00 0.0000e+00 0.0000e+00 -7.5259e+01 -1.3118e+01 -7.9324e+00  
415 0.0000e+00 0.0000e+00 0.0000e+00 -7.6554e+01 -1.2257e+01 -1.0249e+01

2138 413 0.0000e+00 0.0000e+00 0.0000e+00 -8.0306e+01 -2.3820e+01 -1.1216e+01  
424 0.0000e+00 0.0000e+00 0.0000e+00 -8.4540e+01 -2.2200e+01 -8.5554e+00  
425 0.0000e+00 0.0000e+00 0.0000e+00 -8.0512e+01 -1.8400e+01 -7.8227e+00  
414 0.0000e+00 0.0000e+00 0.0000e+00 -7.8963e+01 -1.8233e+01 -1.0484e+01

2139 412 0.0000e+00 0.0000e+00 0.0000e+00 -7.9872e+01 -3.1792e+01 -9.8750e+00  
423 0.0000e+00 0.0000e+00 0.0000e+00 -8.8141e+01 -3.1631e+01 -9.4838e+00  
424 0.0000e+00 0.0000e+00 0.0000e+00 -8.6531e+01 -2.5436e+01 -9.4512e+00  
413 0.0000e+00 0.0000e+00 0.0000e+00 -8.0691e+01 -2.5339e+01 -9.8425e+00

2140 411 0.0000e+00 0.0000e+00 0.0000e+00 -7.7798e+01 -3.4509e+01 6.2174e+00  
422 0.0000e+00 0.0000e+00 0.0000e+00 -7.1518e+01 -5.2549e+01 -1.9886e+00  
423 0.0000e+00 0.0000e+00 0.0000e+00 -9.0699e+01 -4.1088e+01 -1.3245e+01  
412 0.0000e+00 0.0000e+00 0.0000e+00 -7.5179e+01 -3.6819e+01 -5.0392e+00

2141 410 0.0000e+00 0.0000e+00 0.0000e+00 -8.7202e+01 -1.1198e+01 3.0187e+01  
421 0.0000e+00 0.0000e+00 0.0000e+00 -9.4129e+01 -8.3467e+00 4.6583e+01  
422 0.0000e+00 0.0000e+00 0.0000e+00 -7.7957e+01 -8.2908e+01 2.3464e+01  
411 0.0000e+00 0.0000e+00 0.0000e+00 -7.0280e+01 -3.4239e+01 7.0678e+00

2142 408 0.0000e+00 0.0000e+00 0.0000e+00 -1.1005e+02 2.5742e+01 1.1096e+01  
419 0.0000e+00 0.0000e+00 0.0000e+00 -9.9488e+01 3.7308e+01 1.5772e+01  
420 0.0000e+00 0.0000e+00 0.0000e+00 -9.1016e+01 2.2615e+01 2.4239e+01  
409 0.0000e+00 0.0000e+00 0.0000e+00 -1.0908e+02 1.7401e+01 1.9562e+01

2143 407 0.0000e+00 0.0000e+00 0.0000e+00 -1.0551e+02 2.3724e+01 1.9233e+00  
418 0.0000e+00 0.0000e+00 0.0000e+00 -9.0501e+01 2.7900e+01 -4.1932e+00  
419 0.0000e+00 0.0000e+00 0.0000e+00 -9.9155e+01 3.7512e+01 3.9102e+00  
408 0.0000e+00 0.0000e+00 0.0000e+00 -1.0920e+02 2.5629e+01 1.0027e+01

2144 406 0.0000e+00 0.0000e+00 0.0000e+00 -9.6178e+01 1.0626e+01 -3.3748e+00  
417 0.0000e+00 0.0000e+00 0.0000e+00 -8.2486e+01 1.1549e+01 -1.0094e+01  
418 0.0000e+00 0.0000e+00 0.0000e+00 -9.0273e+01 2.2557e+01 -7.5311e+00  
407 0.0000e+00 0.0000e+00 0.0000e+00 -1.0195e+02 1.8400e+01 -8.1161e-01

2145 405 0.0000e+00 0.0000e+00 0.0000e+00 -8.9119e+01 -2.3361e+00 -6.3492e+00  
416 0.0000e+00 0.0000e+00 0.0000e+00 -7.8634e+01 -1.7276e+00 -1.0407e+01  
417 0.0000e+00 0.0000e+00 0.0000e+00 -8.2068e+01 5.7849e+00 -1.0123e+01  
406 0.0000e+00 0.0000e+00 0.0000e+00 -9.3875e+01 5.8300e+00 -6.0649e+00

2146 404 0.0000e+00 0.0000e+00 0.0000e+00 -8.5685e+01 -1.1781e+01 -8.9008e+00  
415 0.0000e+00 0.0000e+00 0.0000e+00 -7.7655e+01 -1.0853e+01 -1.0587e+01  
416 0.0000e+00 0.0000e+00 0.0000e+00 -7.8447e+01 -5.7812e+00 -1.0299e+01  
405 0.0000e+00 0.0000e+00 0.0000e+00 -8.8297e+01 -5.4246e+00 -8.6122e+00

2147 403 0.0000e+00 0.0000e+00 0.0000e+00 -8.4983e+01 -1.8111e+01 -1.1226e+01  
414 0.0000e+00 0.0000e+00 0.0000e+00 -7.8591e+01 -1.7324e+01 -1.1253e+01  
415 0.0000e+00 0.0000e+00 0.0000e+00 -7.8031e+01 -1.3502e+01 -1.0804e+01  
404 0.0000e+00 0.0000e+00 0.0000e+00 -8.5598e+01 -1.3605e+01 -1.0777e+01

2148 402 0.0000e+00 0.0000e+00 0.0000e+00 -8.5833e+01 -2.2241e+01 -1.1931e+01  
413 0.0000e+00 0.0000e+00 0.0000e+00 -7.9963e+01 -2.3184e+01 -1.1328e+01  
414 0.0000e+00 0.0000e+00 0.0000e+00 -7.9580e+01 -1.9260e+01 -1.1788e+01  
403 0.0000e+00 0.0000e+00 0.0000e+00 -8.5000e+01 -1.9291e+01 -1.2391e+01

2149 401 0.0000e+00 0.0000e+00 0.0000e+00 -8.7481e+01 -2.3797e+01 -7.7954e+00  
412 0.0000e+00 0.0000e+00 0.0000e+00 -7.9565e+01 -3.0363e+01 -7.6451e+00  
413 0.0000e+00 0.0000e+00 0.0000e+00 -8.1567e+01 -2.4985e+01 -1.1702e+01  
402 0.0000e+00 0.0000e+00 0.0000e+00 -8.5175e+01 -2.3511e+01 -1.1852e+01

2150 400 0.0000e+00 0.0000e+00 0.0000e+00 -9.1199e+01 -1.8931e+01 3.0790e+00  
411 0.0000e+00 0.0000e+00 0.0000e+00 -8.1179e+01 -3.2452e+01 5.2024e+00  
412 0.0000e+00 0.0000e+00 0.0000e+00 -8.1622e+01 -3.0496e+01 -4.6581e+00  
401 0.0000e+00 0.0000e+00 0.0000e+00 -8.6470e+01 -2.4475e+01 -6.7815e+00

2151 399 0.0000e+00 0.0000e+00 0.0000e+00 -1.0175e+02 -2.5992e+00 1.1290e+01  
410 0.0000e+00 0.0000e+00 0.0000e+00 -9.6986e+01 -6.3794e+00 2.2493e+01  
411 0.0000e+00 0.0000e+00 0.0000e+00 -8.2316e+01 -2.6335e+01 1.4405e+01  
400 0.0000e+00 0.0000e+00 0.0000e+00 -9.3808e+01 -1.4088e+01 3.2028e+00

2152 397 0.0000e+00 0.0000e+00 0.0000e+00 -1.2770e+02 1.8593e+01 1.2844e+01  
408 0.0000e+00 0.0000e+00 0.0000e+00 -1.1388e+02 2.2261e+01 1.4602e+01

	409	0.0000e+00	0.0000e+00	0.0000e+00	-1.1007e+02	1.3876e+01	1.5742e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.2796e+02	1.5283e+01	1.3985e+01
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.2353e+02	1.6141e+01	9.1505e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	-1.0857e+02	1.9697e+01	5.0896e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	-1.1263e+02	2.2097e+01	8.5933e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.2766e+02	1.8710e+01	1.2654e+01
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	-1.1523e+02	5.9298e+00	4.6058e+00
	406	0.0000e+00	0.0000e+00	0.0000e+00	-1.0036e+02	8.4092e+00	-1.8768e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	-1.0714e+02	1.5626e+01	9.6136e-01
	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.2154e+02	1.2480e+01	7.4440e+00
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.0723e+02	-5.8168e+00	-4.1751e-01
	405	0.0000e+00	0.0000e+00	0.0000e+00	-9.3524e+01	-3.5350e+00	-5.9967e+00
	406	0.0000e+00	0.0000e+00	0.0000e+00	-9.8882e+01	3.4639e+00	-3.8121e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	-1.1313e+02	1.4162e+00	1.7671e+00
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	-1.0205e+02	-1.5059e+01	-5.8099e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	-8.9457e+01	-1.2803e+01	-9.1841e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	-9.2492e+01	-7.5893e+00	-7.1280e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.0582e+02	-9.4084e+00	-3.7538e+00
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	-1.0024e+02	-2.0378e+01	-1.0673e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	-8.8057e+01	-1.9039e+01	-1.1782e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	-8.9249e+01	-1.5450e+01	-1.0201e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	-1.0129e+02	-1.7244e+01	-9.0912e+00
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.0153e+02	-2.1560e+01	-1.3231e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	-8.8663e+01	-2.2762e+01	-1.2460e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	-8.8799e+01	-2.0316e+01	-1.2587e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	-9.9834e+01	-2.1266e+01	-1.3358e+01
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.0566e+02	-1.8393e+01	-1.1595e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	-9.1231e+01	-2.3434e+01	-8.9846e+00
	402	0.0000e+00	0.0000e+00	0.0000e+00	-9.0289e+01	-2.2735e+01	-1.2281e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.0133e+02	-2.1243e+01	-1.4891e+01
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.1271e+02	-1.0355e+01	-6.0227e+00
	400	0.0000e+00	0.0000e+00	0.0000e+00	-9.7985e+01	-1.7369e+01	-5.3439e-01
	401	0.0000e+00	0.0000e+00	0.0000e+00	-9.3393e+01	-2.1601e+01	-6.7321e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.0622e+02	-1.6332e+01	-1.2220e+01
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.2241e+02	1.7405e+00	-1.0262e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	-1.0971e+02	-1.0818e+00	7.4504e+00
	400	0.0000e+00	0.0000e+00	0.0000e+00	-9.9728e+01	-1.2517e+01	2.5038e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.1529e+02	-5.5355e+00	-5.9728e+00
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.4941e+02	1.9036e+01	1.5644e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.3434e+02	1.7478e+01	1.5292e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.3331e+02	1.3936e+01	1.2156e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.5115e+02	1.8594e+01	1.2507e+01
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.4340e+02	1.2665e+01	1.6837e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.2893e+02	1.3882e+01	1.2123e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.3251e+02	1.6441e+01	1.2066e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.4933e+02	1.7770e+01	1.6780e+01
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.3439e+02	4.1394e-01	1.3608e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-1.2025e+02	3.4754e+00	6.6793e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.2644e+02	9.8553e+00	8.9010e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.4218e+02	8.5137e+00	1.5829e+01
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.2579e+02	-1.2446e+01	6.8532e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.1194e+02	-8.2472e+00	4.7453e-01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-1.1785e+02	-1.4416e+00	4.1571e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.3276e+02	-4.5408e+00	1.0536e+01
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.2006e+02	-2.1917e+01	-1.8017e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	-1.0631e+02	-1.7483e+01	-5.9135e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.1027e+02	-1.2333e+01	-1.5934e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.2440e+02	-1.6460e+01	2.5184e+00
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.1832e+02	-2.5974e+01	-1.0352e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	-1.0421e+02	-2.2622e+01	-1.1549e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	-1.0578e+02	-1.9851e+01	-7.7090e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.1916e+02	-2.4108e+01	-6.5126e+00
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.2081e+02	-2.3980e+01	-1.6591e+01



	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.0575e+02	-2.3239e+01	-1.4786e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	-1.0498e+02	-2.2967e+01	-1.2845e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.1794e+02	-2.6074e+01	-1.4649e+01
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.2717e+02	-1.6309e+01	-1.8601e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.1096e+02	-1.9076e+01	-1.3944e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.0773e+02	-2.1523e+01	-1.5103e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.2100e+02	-2.1992e+01	-1.9760e+01
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.3620e+02	-4.7403e+00	-1.5912e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.1967e+02	-9.9517e+00	-8.9698e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.1368e+02	-1.5461e+01	-1.3128e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.2818e+02	-1.2432e+01	-2.0071e+01
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.4518e+02	6.9643e+00	-1.0444e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.3010e+02	2.2978e+00	-3.0790e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.2220e+02	-5.0196e+00	-8.0921e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.3822e+02	2.4894e-01	-1.5457e+01
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.6729e+02	2.5412e+01	2.0051e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.5673e+02	1.9782e+01	1.8170e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.5749e+02	1.9161e+01	1.1140e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.7032e+02	2.7463e+01	1.3021e+01
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.5871e+02	1.2362e+01	2.6207e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.4952e+02	1.1932e+01	1.9702e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.5409e+02	1.6933e+01	1.6941e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.6726e+02	2.1974e+01	2.3446e+01
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.4823e+02	-5.7787e+00	2.3829e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.3920e+02	-1.7951e+00	1.5666e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.4587e+02	6.3485e+00	1.7784e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.5803e+02	6.1327e+00	2.5948e+01
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.3920e+02	-2.2254e+01	1.4774e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.2962e+02	-1.5645e+01	7.7227e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.3592e+02	-7.6765e+00	1.3344e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.4713e+02	-1.2208e+01	2.0394e+01
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.3355e+02	-3.3001e+01	2.2334e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.2327e+02	-2.5521e+01	-2.1096e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.2747e+02	-2.0093e+01	5.1626e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.3813e+02	-2.7026e+01	9.5056e+00
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.3223e+02	-3.6069e+01	-1.0845e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.2129e+02	-2.9406e+01	-1.1760e+01
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.2256e+02	-2.7655e+01	-4.6151e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.3279e+02	-3.5153e+01	-3.6997e+00
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.3568e+02	-3.0735e+01	-2.1788e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.2403e+02	-2.6666e+01	-1.8999e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.2216e+02	-2.8855e+01	-1.3734e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.3192e+02	-3.5219e+01	-1.6523e+01
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.4376e+02	-1.7589e+01	-2.7941e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.3129e+02	-1.7730e+01	-2.1663e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.2647e+02	-2.3403e+01	-1.9963e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.3590e+02	-2.6913e+01	-2.6241e+01
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.5463e+02	8.8871e-02	-2.7086e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.4165e+02	-4.6672e+00	-1.8713e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.3487e+02	-1.2357e+01	-2.1553e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.4451e+02	-1.1484e+01	-2.9927e+01
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.6347e+02	1.5229e+01	-1.9123e+01
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.5233e+02	8.0270e+00	-1.1802e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.4520e+02	1.1700e+00	-1.8164e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.5583e+02	6.5773e+00	-2.5485e+01
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	-1.6897e+02	3.8860e+01	2.6351e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.7286e+02	2.8777e+01	2.3188e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.7473e+02	3.0896e+01	1.1393e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.7348e+02	4.4188e+01	1.4556e+01
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.5792e+02	1.4192e+01	3.7798e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.6278e+02	1.3222e+01	2.8934e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.6877e+02	2.3168e+01	2.4394e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-1.6982e+02	3.1195e+01	3.3258e+01

2184	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.4720e+02	-1.3563e+01	3.4614e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.5026e+02	-7.8086e+00	2.5387e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.5778e+02	4.9269e+00	2.8844e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.5831e+02	3.8308e+00	3.8070e+01
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.3938e+02	-3.5590e+01	2.2209e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.3990e+02	-2.6131e+01	1.5181e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.4640e+02	-1.5212e+01	2.3740e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.4706e+02	-2.2716e+01	3.0768e+01
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.3482e+02	-4.8499e+01	5.6273e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.3358e+02	-3.7548e+01	1.5790e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.3763e+02	-3.1105e+01	1.2419e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.3894e+02	-4.1638e+01	1.6468e+01
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	-1.3374e+02	-5.1102e+01	-1.1859e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.3190e+02	-4.0367e+01	-1.2606e+01
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.3282e+02	-3.9574e+01	-1.5392e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.3432e+02	-5.0772e+01	-7.9231e-01
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	-1.3672e+02	-4.2685e+01	-2.7667e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.3523e+02	-3.4030e+01	-2.4722e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.3269e+02	-3.9168e+01	-1.5250e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	-1.3332e+02	-4.9284e+01	-1.8195e+01
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	-1.4465e+02	-2.3008e+01	-3.8637e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.4364e+02	-1.9190e+01	-3.1679e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.3782e+02	-2.9394e+01	-2.6097e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-1.3643e+02	-3.6639e+01	-3.3054e+01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	-1.5688e+02	4.9769e+00	-4.0103e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.5566e+02	7.6484e-01	-3.0183e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.4811e+02	-1.1535e+01	-3.1360e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-1.4442e+02	-1.3415e+01	-4.1280e+01
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	-1.6573e+02	2.9116e+01	-2.7874e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.6776e+02	1.8145e+01	-1.9844e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.6072e+02	9.0693e+00	-2.8587e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-1.5655e+02	1.5426e+01	-3.6617e+01
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.3473e+02	6.0385e+01	3.4777e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-1.6963e+02	4.6470e+01	3.0098e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.7248e+02	5.2526e+01	1.1846e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.4132e+02	7.4784e+01	1.6524e+01
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.2438e+02	1.3066e+01	4.9869e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.5531e+02	1.6314e+01	3.9011e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-1.6302e+02	3.5499e+01	3.5214e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.3858e+02	4.6272e+01	4.6073e+01
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.1939e+02	-2.5948e+01	4.2163e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.4223e+02	-1.6115e+01	3.4522e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.5014e+02	4.5324e+00	4.1588e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.2691e+02	3.6029e-01	4.9229e+01
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.1706e+02	-5.3184e+01	2.6418e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.3378e+02	-4.0254e+01	2.1626e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.3948e+02	-2.4754e+01	3.3735e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.2103e+02	-3.5823e+01	3.8528e+01
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	-1.1558e+02	-6.7804e+01	7.4600e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.2911e+02	-5.3600e+01	4.7169e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.3245e+02	-4.5463e+01	1.8800e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.1777e+02	-5.9170e+01	2.1543e+01
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	-1.1437e+02	-6.9895e+01	-1.2319e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	-1.2769e+02	-5.5603e+01	-1.3282e+01
	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.2856e+02	-5.5565e+01	1.1519e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-1.1545e+02	-6.9879e+01	2.1151e+00
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	-1.1387e+02	-5.8932e+01	-3.1241e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-1.2983e+02	-4.5753e+01	-3.0040e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	-1.2782e+02	-5.4235e+01	-1.6486e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-1.1346e+02	-6.7917e+01	-1.7687e+01
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	-1.1587e+02	-3.3233e+01	-4.7028e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-1.3679e+02	-2.3782e+01	-4.2439e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-1.3113e+02	-4.0533e+01	-3.1677e+01

	347	0.0000e+00	0.0000e+00	0.0000e+00	-1.1227e+02	-5.2408e+01	-3.6267e+01
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	-1.2591e+02	9.4417e+00	-5.4128e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-1.4882e+02	7.3945e+00	-4.4000e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-1.4064e+02	-1.3895e+01	-4.1062e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-1.1365e+02	-2.1766e+01	-5.1189e+01
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	-1.3389e+02	5.3226e+01	-3.7243e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	-1.6348e+02	3.5793e+01	-2.7715e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-1.5614e+02	2.0783e+01	-3.9640e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-1.2200e+02	2.6982e+01	-4.9167e+01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	-2.6072e+01	1.0569e+02	4.6324e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.2720e+02	7.5611e+01	4.0978e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.2695e+02	9.1748e+01	1.2603e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	-3.7114e+01	1.1791e+02	1.7948e+01
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	-3.9062e+01	2.6195e+01	5.0852e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.1065e+02	1.3850e+01	4.8725e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.0946e+02	5.4777e+01	5.3630e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	-4.4549e+01	3.2711e+01	5.5757e+01
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	-5.3466e+01	-2.8819e+01	3.8368e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.0509e+02	-2.9378e+01	4.0563e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.0517e+02	3.4778e+00	5.3303e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	-4.8959e+01	-2.2329e+01	5.1109e+01
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	-6.3557e+01	-6.4300e+01	2.3374e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.0393e+02	-5.7870e+01	2.5309e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.0327e+02	-3.6245e+01	4.0311e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	-6.0321e+01	-5.9545e+01	3.8376e+01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	-6.8192e+01	-8.4149e+01	6.4690e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-1.0296e+02	-7.2379e+01	6.8268e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.0315e+02	-6.1879e+01	2.2721e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-6.7287e+01	-8.1609e+01	2.2364e+01
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	-6.7117e+01	-8.9816e+01	-1.1132e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-1.0106e+02	-7.3558e+01	-1.2684e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	-1.0242e+02	-7.3980e+01	3.4172e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-6.8883e+01	-8.9632e+01	4.9696e+00
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	-6.0271e+01	-8.1452e+01	-2.8475e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-9.8283e+01	-6.0870e+01	-3.1865e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-1.0057e+02	-7.2794e+01	-1.5935e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-6.4825e+01	-8.3783e+01	-1.2545e+01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	-4.7520e+01	-5.7768e+01	-4.4980e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-9.6469e+01	-3.2379e+01	-4.9467e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-9.8058e+01	-5.7401e+01	-3.3834e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-5.4987e+01	-6.2993e+01	-2.9347e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	-3.7310e+01	-1.3558e+01	-5.9998e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-9.7291e+01	1.4981e+01	-6.1426e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-9.8059e+01	-2.5413e+01	-4.8123e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-3.9424e+01	-2.3236e+01	-4.6696e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	-3.3046e+01	8.7223e+01	-4.5765e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-1.1688e+02	6.7027e+01	-3.6671e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-1.1089e+02	3.6224e+01	-5.1469e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-2.0681e+01	4.5353e+01	-6.0563e+01
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	1.5182e+02	-1.3257e+02	-1.2860e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	5.9991e+01	1.0787e+02	1.3419e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	-8.6964e+01	1.5796e+02	1.3088e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	3.2744e+02	3.7511e+02	-1.1137e+00
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	8.6719e+01	-1.3602e+02	3.3708e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	2.3270e+01	1.1557e+01	2.3028e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	1.1984e+00	6.2501e+01	2.4171e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	1.4847e+02	2.0781e+02	4.5138e+00
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	4.5041e+01	-1.4438e+02	8.1288e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	-7.2695e+00	-3.8068e+01	2.0680e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	-2.1999e+01	-6.2089e+00	2.4267e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	8.5105e+01	9.2992e+01	1.1716e+01
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	2.1299e+01	-1.4117e+02	6.9273e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	-2.7582e+01	-7.0513e+01	1.3817e+01

	337	0.0000e+00	0.0000e+00	0.0000e+00	-3.6958e+01	-5.1110e+01	1.9852e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	4.4581e+01	7.5904e+00	1.2962e+01
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	1.1730e+01	-1.2552e+02	2.0984e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-3.8823e+01	-8.7466e+01	4.3377e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	-4.4150e+01	-7.8389e+01	1.1807e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	2.1577e+01	-5.5141e+01	9.5678e+00
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	1.4824e+01	-9.5998e+01	-3.9220e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	-4.1791e+01	-8.9839e+01	-5.9234e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-4.3431e+01	-9.0268e+01	1.8490e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	1.2424e+01	-9.9511e+01	3.8504e+00
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	3.0978e+01	-5.0330e+01	-8.9399e+00
	329	0.0000e+00	0.0000e+00	0.0000e+00	-3.6602e+01	-7.7288e+01	-1.5453e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-3.4659e+01	-8.7629e+01	-8.4151e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	1.5889e+01	-1.2854e+02	-1.9020e+00
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	6.3037e+01	1.4839e+01	-1.1109e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-2.2657e+01	-4.7832e+01	-2.3308e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-1.6887e+01	-7.0147e+01	-1.7598e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	3.2644e+01	-1.4414e+02	-5.3985e+00
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	1.1583e+02	1.0442e+02	-1.0773e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	4.5072e+00	6.6998e+00	-3.1672e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	1.2463e+01	-3.7087e+01	-2.5544e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	6.5693e+01	-1.4696e+02	-4.6445e+00
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	2.9031e+02	2.3387e+02	-2.6943e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-5.9225e+01	1.1785e+02	-5.3204e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	5.7988e+01	3.6680e+01	-1.9416e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	1.2010e+02	-1.4630e+02	6.8450e+00
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	-7.0354e+01	1.3699e+02	4.6673e+00
	323	0.0000e+00	0.0000e+00	0.0000e+00	3.7468e+00	1.4539e+01	-2.3912e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	3.1601e+01	3.7850e+02	6.9467e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	-1.5589e+02	7.0994e+01	9.8046e+01
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	-5.2308e+01	2.6336e+01	-1.7087e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	-4.4678e+01	2.5980e+01	-7.7517e+00
	323	0.0000e+00	0.0000e+00	0.0000e+00	-3.0904e+01	6.7924e+01	-1.0204e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-4.7239e+01	7.2428e+01	-1.9540e+01
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	-5.9459e+01	5.4135e+00	-1.2450e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	-6.0567e+01	4.4010e+00	-7.1546e+00
	322	0.0000e+00	0.0000e+00	0.0000e+00	-5.2266e+01	2.1168e+01	-9.6923e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	-5.7072e+01	2.5185e+01	-1.4988e+01
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	-6.4067e+01	-5.5974e+00	-9.0197e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	-6.7916e+01	-6.5204e+00	-6.1372e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	-6.3968e+01	1.7589e+00	-7.7832e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	-6.2198e+01	4.0978e+00	-1.0666e+01
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	-6.7507e+01	-1.1546e+01	-6.7297e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	-7.2767e+01	-1.2241e+01	-4.3796e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	-6.9792e+01	-7.9953e+00	-5.5291e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	-6.5739e+01	-6.4118e+00	-7.8792e+00
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	-7.1319e+01	-1.5194e+01	-5.5866e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	-7.8044e+01	-1.5141e+01	-2.5688e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	-7.4261e+01	-1.2758e+01	-3.1140e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	-6.9011e+01	-1.1625e+01	-6.1318e+00
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	-7.6174e+01	-1.9563e+01	-5.9255e+00
	317	0.0000e+00	0.0000e+00	0.0000e+00	-8.5552e+01	-1.7916e+01	-1.6392e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	-7.9823e+01	-1.5168e+01	-1.0773e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	-7.3252e+01	-1.4636e+01	-5.3637e+00
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	-8.1409e+01	-2.9800e+01	-8.2488e+00
	316	0.0000e+00	0.0000e+00	0.0000e+00	-9.6902e+01	-2.5391e+01	-2.6985e+00
	317	0.0000e+00	0.0000e+00	0.0000e+00	-8.8248e+01	-1.8262e+01	-2.6301e-01
	307	0.0000e+00	0.0000e+00	0.0000e+00	-7.8861e+01	-1.8681e+01	-5.8134e+00
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	-8.2608e+01	-5.8331e+01	-1.0480e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-1.1339e+02	-5.2970e+01	-5.6432e+00
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.0195e+02	-2.8034e+01	-2.0240e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	-8.4286e+01	-2.9845e+01	-6.8605e+00
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	-8.1145e+00	-2.2855e+01	1.0395e+02

	13	0.0000e+00	0.0000e+00	0.0000e+00	-1.0250e+02	-2.9895e+02	6.2865e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-1.3817e+02	-1.5846e+01	-2.8409e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	-5.5362e+01	-1.1106e+02	1.2676e+01
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	-1.0866e+02	5.1083e+01	4.4578e+00
	313	0.0000e+00	0.0000e+00	0.0000e+00	-8.2994e+01	1.0288e+02	1.2890e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	-7.5665e+01	3.9351e+01	4.1298e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	-9.8974e+01	3.4847e+01	3.2865e+01
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	-8.9973e+01	3.4068e+01	-6.3959e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	-6.5932e+01	3.7046e+01	-2.1473e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-9.1403e+01	5.6709e+01	-1.3191e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	-9.4934e+01	4.3273e+01	1.8867e+00
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	-7.5386e+01	1.1161e+01	-9.0237e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	-6.4958e+01	9.7466e+00	-1.3987e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	-6.7184e+01	2.1421e+01	-1.6564e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	-8.3177e+01	2.5111e+01	-1.1600e+01
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	-7.0574e+01	-2.3756e+00	-8.3094e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	-6.5842e+01	-3.3633e+00	-9.9403e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	-6.5488e+01	3.1373e+00	-1.2368e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	-7.4220e+01	6.9614e+00	-1.0737e+01
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	-6.9018e+01	-9.9007e+00	-7.5335e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	-6.7509e+01	-1.0129e+01	-7.7297e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	-6.6285e+01	-6.6383e+00	-9.0547e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	-7.0637e+01	-4.2406e+00	-8.8584e+00
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	-6.8907e+01	-1.4595e+01	-7.5293e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	-6.9934e+01	-1.3986e+01	-6.8594e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	-6.8058e+01	-1.1892e+01	-7.1666e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	-6.9430e+01	-1.0674e+01	-7.8366e+00
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	-6.8718e+01	-1.9202e+01	-7.7995e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	-7.2601e+01	-1.7981e+01	-7.1560e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	-7.0702e+01	-1.5530e+01	-6.7670e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	-6.9319e+01	-1.5080e+01	-7.4105e+00
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	-6.5231e+01	-2.6003e+01	-5.8914e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	-7.2519e+01	-2.6317e+01	-7.8210e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	-7.3504e+01	-2.1126e+01	-8.1390e+00
	297	0.0000e+00	0.0000e+00	0.0000e+00	-6.8140e+01	-2.0809e+01	-6.2095e+00
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	-6.0004e+01	-2.8333e+01	1.0280e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	-5.2570e+01	-4.6612e+01	-1.2456e-01
	306	0.0000e+00	0.0000e+00	0.0000e+00	-7.3878e+01	-3.5584e+01	-1.1486e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	-5.9695e+01	-3.1346e+01	-1.0819e+00
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	-6.6822e+01	-6.9530e+00	3.2362e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	-7.0969e+01	-2.8646e+00	4.6282e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	-5.7263e+01	-7.5261e+01	2.4669e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	-5.2432e+01	-2.8338e+01	1.0749e+01
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.1248e+02	2.8061e+01	1.3126e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	-1.0091e+02	4.0387e+01	1.6390e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	-9.4566e+01	2.6302e+01	2.5183e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	-1.1224e+02	2.1201e+01	2.1920e+01
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	-1.0561e+02	2.4651e+01	4.0135e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	-8.9866e+01	2.8456e+01	-3.7540e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	-1.0017e+02	3.9433e+01	4.2920e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.1099e+02	2.7293e+01	1.2059e+01
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	-9.4051e+01	1.0944e+01	-8.1531e-01
	301	0.0000e+00	0.0000e+00	0.0000e+00	-8.0048e+01	1.1349e+01	-8.9596e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	-8.9237e+01	2.2464e+01	-6.8843e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	-1.0130e+02	1.8756e+01	1.2601e+00
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	-8.4869e+01	-1.4273e+00	-2.9766e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	-7.4411e+01	-1.4110e+00	-8.3707e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	-7.9112e+01	5.3148e+00	-8.7185e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	-9.1055e+01	6.0204e+00	-3.3244e+00
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	-7.9230e+01	-9.5285e+00	-4.5645e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	-7.1407e+01	-9.2160e+00	-7.6796e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	-7.3585e+01	-5.4232e+00	-8.0418e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	-8.3339e+01	-4.3930e+00	-4.9266e+00

2247 288 0.0000e+00 0.0000e+00 0.0000e+00 -7.6096e+01 -1.4262e+01 -5.8876e+00  
298 0.0000e+00 0.0000e+00 0.0000e+00 -6.9964e+01 -1.4079e+01 -7.5382e+00  
299 0.0000e+00 0.0000e+00 0.0000e+00 -7.1019e+01 -1.1694e+01 -7.7152e+00  
289 0.0000e+00 0.0000e+00 0.0000e+00 -7.8373e+01 -1.1160e+01 -6.0646e+00

2248 287 0.0000e+00 0.0000e+00 0.0000e+00 -7.4275e+01 -1.7001e+01 -5.6801e+00  
297 0.0000e+00 0.0000e+00 0.0000e+00 -6.8610e+01 -1.8464e+01 -6.9079e+00  
298 0.0000e+00 0.0000e+00 0.0000e+00 -7.0069e+01 -1.5851e+01 -7.9135e+00  
288 0.0000e+00 0.0000e+00 0.0000e+00 -7.5294e+01 -1.5321e+01 -6.6857e+00

2249 286 0.0000e+00 0.0000e+00 0.0000e+00 -7.3120e+01 -1.7847e+01 -9.6740e-01  
296 0.0000e+00 0.0000e+00 0.0000e+00 -6.5291e+01 -2.4626e+01 -2.7688e+00  
297 0.0000e+00 0.0000e+00 0.0000e+00 -6.9225e+01 -2.0201e+01 -7.1385e+00  
287 0.0000e+00 0.0000e+00 0.0000e+00 -7.2822e+01 -1.8320e+01 -5.3371e+00

2250 285 0.0000e+00 0.0000e+00 0.0000e+00 -7.4024e+01 -1.3641e+01 9.6976e+00  
295 0.0000e+00 0.0000e+00 0.0000e+00 -6.4112e+01 -2.6568e+01 9.8830e+00  
296 0.0000e+00 0.0000e+00 0.0000e+00 -6.6297e+01 -2.4932e+01 2.8440e-01  
286 0.0000e+00 0.0000e+00 0.0000e+00 -7.1465e+01 -1.8836e+01 9.9001e-02

2251 184 0.0000e+00 0.0000e+00 0.0000e+00 -8.1836e+01 -4.6681e-01 1.6620e+01  
195 0.0000e+00 0.0000e+00 0.0000e+00 -7.6621e+01 -2.9551e+00 2.5582e+01  
295 0.0000e+00 0.0000e+00 0.0000e+00 -6.4174e+01 -2.1014e+01 1.8587e+01  
285 0.0000e+00 0.0000e+00 0.0000e+00 -7.6194e+01 -9.6383e+00 9.6242e+00

2252 283 0.0000e+00 0.0000e+00 0.0000e+00 -1.3023e+02 2.0733e+01 1.7146e+01  
293 0.0000e+00 0.0000e+00 0.0000e+00 -1.1626e+02 2.4666e+01 1.7231e+01  
294 0.0000e+00 0.0000e+00 0.0000e+00 -1.1452e+02 1.7371e+01 1.8553e+01  
284 0.0000e+00 0.0000e+00 0.0000e+00 -1.3180e+02 1.8683e+01 1.8468e+01

2253 282 0.0000e+00 0.0000e+00 0.0000e+00 -1.2371e+02 1.7253e+01 1.3473e+01  
292 0.0000e+00 0.0000e+00 0.0000e+00 -1.0871e+02 2.0662e+01 7.7449e+00  
293 0.0000e+00 0.0000e+00 0.0000e+00 -1.1446e+02 2.3677e+01 1.1223e+01  
283 0.0000e+00 0.0000e+00 0.0000e+00 -1.2952e+02 2.0194e+01 1.6950e+01

2254 281 0.0000e+00 0.0000e+00 0.0000e+00 -1.1307e+02 6.9870e+00 9.3414e+00  
291 0.0000e+00 0.0000e+00 0.0000e+00 -9.8320e+01 8.9942e+00 1.2721e+00  
292 0.0000e+00 0.0000e+00 0.0000e+00 -1.0676e+02 1.6049e+01 3.7405e+00  
282 0.0000e+00 0.0000e+00 0.0000e+00 -1.2092e+02 1.3164e+01 1.1810e+01

2255 280 0.0000e+00 0.0000e+00 0.0000e+00 -1.0273e+02 -3.8785e+00 5.1596e+00  
290 0.0000e+00 0.0000e+00 0.0000e+00 -8.9351e+01 -2.2724e+00 -1.9349e+00  
291 0.0000e+00 0.0000e+00 0.0000e+00 -9.6239e+01 3.8458e+00 -3.8065e-01  
281 0.0000e+00 0.0000e+00 0.0000e+00 -1.1016e+02 2.3717e+00 6.7139e+00

2256 279 0.0000e+00 0.0000e+00 0.0000e+00 -9.5146e+01 -1.1675e+01 8.8252e-01  
289 0.0000e+00 0.0000e+00 0.0000e+00 -8.3055e+01 -1.0181e+01 -4.0447e+00  
290 0.0000e+00 0.0000e+00 0.0000e+00 -8.7630e+01 -6.2858e+00 -2.7478e+00  
280 0.0000e+00 0.0000e+00 0.0000e+00 -1.0052e+02 -7.3613e+00 2.1795e+00

2257 278 0.0000e+00 0.0000e+00 0.0000e+00 -9.0774e+01 -1.5456e+01 -2.7721e+00  
288 0.0000e+00 0.0000e+00 0.0000e+00 -7.9222e+01 -1.4849e+01 -5.5590e+00  
289 0.0000e+00 0.0000e+00 0.0000e+00 -8.2057e+01 -1.2690e+01 -4.7460e+00  
279 0.0000e+00 0.0000e+00 0.0000e+00 -9.3564e+01 -1.3695e+01 -1.9591e+00

2258 277 0.0000e+00 0.0000e+00 0.0000e+00 -8.9313e+01 -1.5519e+01 -4.2556e+00  
287 0.0000e+00 0.0000e+00 0.0000e+00 -7.7182e+01 -1.7263e+01 -5.3117e+00  
288 0.0000e+00 0.0000e+00 0.0000e+00 -7.9075e+01 -1.6034e+01 -6.0737e+00  
278 0.0000e+00 0.0000e+00 0.0000e+00 -8.9552e+01 -1.6269e+01 -5.0177e+00

2259 276 0.0000e+00 0.0000e+00 0.0000e+00 -9.0553e+01 -1.2231e+01 -1.9806e+00  
286 0.0000e+00 0.0000e+00 0.0000e+00 -7.6969e+01 -1.7380e+01 -1.3250e+00  
287 0.0000e+00 0.0000e+00 0.0000e+00 -7.7837e+01 -1.7324e+01 -4.9149e+00  
277 0.0000e+00 0.0000e+00 0.0000e+00 -8.8361e+01 -1.5359e+01 -5.5705e+00

2260 275 0.0000e+00 0.0000e+00 0.0000e+00 -9.4615e+01 -5.7936e+00 3.4496e+00  
285 0.0000e+00 0.0000e+00 0.0000e+00 -8.0861e+01 -1.2225e+01 6.8526e+00  
286 0.0000e+00 0.0000e+00 0.0000e+00 -7.8120e+01 -1.5985e+01 9.5633e-01  
276 0.0000e+00 0.0000e+00 0.0000e+00 -9.0488e+01 -1.0731e+01 -2.4467e+00

2261 173 0.0000e+00 0.0000e+00 0.0000e+00 -1.0139e+02 2.0780e+00 7.3016e+00  
184 0.0000e+00 0.0000e+00 0.0000e+00 -8.9414e+01 5.6731e-01 1.3480e+01  
285 0.0000e+00 0.0000e+00 0.0000e+00 -8.1626e+01 -8.4425e+00 9.5617e+00  
275 0.0000e+00 0.0000e+00 0.0000e+00 -9.6706e+01 -2.1879e+00 3.3833e+00

2262 273 0.0000e+00 0.0000e+00 0.0000e+00 -1.5118e+02 2.0995e+01 2.2284e+01  
283 0.0000e+00 0.0000e+00 0.0000e+00 -1.3664e+02 1.9708e+01 2.0175e+01  
284 0.0000e+00 0.0000e+00 0.0000e+00 -1.3774e+02 1.7205e+01 1.7233e+01

	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.5433e+02	2.1748e+01	1.9342e+01
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.4289e+02	1.3947e+01	2.3434e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.2890e+02	1.5049e+01	1.7075e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.3420e+02	1.7922e+01	1.7043e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.5044e+02	1.9086e+01	2.3403e+01
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.3162e+02	2.1684e+00	2.0589e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.1795e+02	4.7575e+00	1.2093e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.2584e+02	1.0673e+01	1.3999e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.4087e+02	9.4853e+00	2.2495e+01
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.2068e+02	-9.3999e+00	1.4740e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-1.0738e+02	-5.9528e+00	6.8097e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.1491e+02	-2.2515e-01	9.8503e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.2915e+02	-2.8039e+00	1.7781e+01
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.1248e+02	-1.7219e+01	7.3501e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	-9.9375e+01	-1.3675e+01	1.6229e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	-1.0498e+02	-9.9365e+00	5.0977e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.1843e+02	-1.3279e+01	1.0825e+01
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.0808e+02	-1.9762e+01	1.9727e-01
	278	0.0000e+00	0.0000e+00	0.0000e+00	-9.4730e+01	-1.7276e+01	-2.7430e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	-9.8024e+01	-1.5913e+01	2.0802e-01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.1072e+02	-1.9275e+01	3.1483e+00
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.0772e+02	-1.6952e+01	-4.7860e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	-9.3527e+01	-1.6849e+01	-4.8909e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	-9.4582e+01	-1.7612e+01	-3.6901e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.0687e+02	-1.9888e+01	-3.5852e+00
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.1105e+02	-9.7945e+00	-6.0140e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	-9.5805e+01	-1.2727e+01	-3.4437e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	-9.4510e+01	-1.5406e+01	-4.9659e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.0715e+02	-1.5322e+01	-7.5361e+00
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.1690e+02	-7.7252e-01	-3.3537e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	-1.0144e+02	-5.4636e+00	1.3174e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	-9.7495e+01	-9.8550e+00	-2.5934e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.1141e+02	-6.7955e+00	-7.2645e+00
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.2278e+02	5.5650e+00	1.0055e+00
	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.0854e+02	2.2480e+00	5.9145e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	-1.0298e+02	-1.9905e+00	1.9160e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.1843e+02	2.6170e+00	-2.9931e+00
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	-1.6751e+02	2.7050e+01	2.8878e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.5800e+02	2.1794e+01	2.5340e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.6094e+02	2.2281e+01	1.8675e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-1.7171e+02	3.0235e+01	2.2212e+01
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.5702e+02	1.3787e+01	3.4859e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.4861e+02	1.3232e+01	2.6914e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.5480e+02	1.8327e+01	2.4261e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-1.6687e+02	2.3029e+01	3.2207e+01
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.4460e+02	-3.2708e+00	3.2904e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.3616e+02	1.5812e-01	2.3358e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.4443e+02	7.5247e+00	2.5153e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.5559e+02	7.3967e+00	3.4699e+01
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.3344e+02	-1.7967e+01	2.4905e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.2438e+02	-1.2248e+01	1.6414e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.3227e+02	-5.6023e+00	2.1314e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.4269e+02	-9.5947e+00	2.9805e+01
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.2546e+02	-2.6795e+01	1.3825e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.1567e+02	-2.0384e+01	7.9255e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.2151e+02	-1.6480e+01	1.4226e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.3152e+02	-2.2554e+01	2.0125e+01
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	-1.2161e+02	-2.8344e+01	2.3555e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.1110e+02	-2.2752e+01	-2.7018e-01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.1414e+02	-2.2351e+01	5.8291e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.2387e+02	-2.8846e+01	8.4547e+00
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	-1.2233e+02	-2.2500e+01	-7.1175e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.1104e+02	-1.9281e+01	-6.2306e+00

	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.1106e+02	-2.2238e+01	-1.8763e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	-1.2052e+02	-2.7649e+01	-2.7632e+00
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	-1.2746e+02	-1.0540e+01	-1.2293e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.1526e+02	-1.1045e+01	-8.1382e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.1248e+02	-1.6441e+01	-6.9611e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	-1.2185e+02	-1.9279e+01	-1.1116e+01
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	-1.3524e+02	3.5677e+00	-1.1348e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.2241e+02	-8.2136e-01	-5.3094e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.1780e+02	-6.6716e+00	-8.0246e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	-1.2766e+02	-5.6795e+00	-1.4064e+01
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	-1.4113e+02	1.2119e+01	-4.5023e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.2965e+02	6.1509e+00	3.2877e-01
	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.2496e+02	3.2409e+00	-5.0896e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	-1.3607e+02	8.0109e+00	-9.9207e+00
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	-1.6709e+02	3.9890e+01	3.6786e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-1.7230e+02	3.0345e+01	3.2392e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-1.7616e+02	3.3683e+01	2.1266e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-1.7209e+02	4.6189e+01	2.5660e+01
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	-1.5494e+02	1.5793e+01	4.7934e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.6056e+02	1.4587e+01	3.8125e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-1.6784e+02	2.4376e+01	3.3749e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-1.6747e+02	3.1842e+01	4.3559e+01
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	-1.4289e+02	-1.0134e+01	4.5381e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.4636e+02	-5.1257e+00	3.5153e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.5520e+02	6.4836e+00	3.8171e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-1.5470e+02	5.5112e+00	4.8399e+01
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	-1.3339e+02	-2.9875e+01	3.4295e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.3411e+02	-2.1508e+01	2.6106e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.4199e+02	-1.2169e+01	3.3782e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-1.4203e+02	-1.9014e+01	4.1970e+01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2696e+02	-4.0598e+01	1.9379e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.2564e+02	-3.0938e+01	1.4028e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.3117e+02	-2.6105e+01	2.3729e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-1.3223e+02	-3.5670e+01	2.9080e+01
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	-1.2390e+02	-4.1657e+01	3.6735e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	-1.2160e+02	-3.2262e+01	1.4936e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.2412e+02	-3.2697e+01	1.1332e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2577e+02	-4.2799e+01	1.3512e+01
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	-1.2480e+02	-3.3000e+01	-1.0481e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-1.2236e+02	-2.5537e+01	-9.1302e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	-1.2157e+02	-3.1066e+01	-7.8936e-01
	248	0.0000e+00	0.0000e+00	0.0000e+00	-1.2287e+02	-4.0132e+01	-2.1400e+00
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	-1.3049e+02	-1.5195e+01	-2.0267e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-1.2798e+02	-1.2116e+01	-1.5130e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-1.2407e+02	-2.1382e+01	-1.0319e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-1.2403e+02	-2.7838e+01	-1.5455e+01
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	-1.4032e+02	8.0409e+00	-2.1521e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	-1.3701e+02	3.9123e+00	-1.3666e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-1.3150e+02	-5.6417e+00	-1.4912e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-1.2998e+02	-7.3004e+00	-2.2767e+01
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	-1.4705e+02	2.4224e+01	-1.0551e+01
	151	0.0000e+00	0.0000e+00	0.0000e+00	-1.4597e+02	1.4263e+01	-4.6648e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	-1.4118e+02	1.0186e+01	-1.2551e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-1.3996e+02	1.5854e+01	-1.8437e+01
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	-1.3078e+02	6.0264e+01	4.5666e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-1.6666e+02	4.7199e+01	4.0603e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-1.7097e+02	5.4531e+01	2.3426e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.3669e+02	7.5508e+01	2.8489e+01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	-1.2062e+02	1.5195e+01	6.0509e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-1.5182e+02	1.7787e+01	4.9584e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-1.6017e+02	3.6398e+01	4.5804e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-1.3431e+02	4.6480e+01	5.6729e+01
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	-1.1499e+02	-2.1251e+01	5.4046e+01



	251	0.0000e+00	0.0000e+00	0.0000e+00	-1.3784e+02	-1.2492e+01	4.5914e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-1.4653e+02	6.6072e+00	5.2237e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-1.2272e+02	2.8359e+00	6.0369e+01
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	-1.1171e+02	-4.5827e+01	3.9894e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-1.2802e+02	-3.4235e+01	3.4398e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-1.3467e+02	-2.0525e+01	4.5421e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-1.1615e+02	-3.0778e+01	5.0916e+01
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	-1.0927e+02	-5.8112e+01	2.2670e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2176e+02	-4.5401e+01	1.9160e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-1.2615e+02	-3.8875e+01	3.1978e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-1.1197e+02	-5.1567e+01	3.5488e+01
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	-1.0727e+02	-5.8702e+01	4.6343e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	-1.1867e+02	-4.5959e+01	2.9178e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2064e+02	-4.6928e+01	1.6015e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-1.0877e+02	-6.0141e+01	1.7732e+01
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	-1.0624e+02	-4.7766e+01	-1.2679e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-1.1911e+02	-3.6069e+01	-1.2215e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	-1.1826e+02	-4.4438e+01	4.3271e-02
	238	0.0000e+00	0.0000e+00	0.0000e+00	-1.0616e+02	-5.7035e+01	-4.2112e-01
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	-1.0791e+02	-2.4577e+01	-2.7206e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-1.2425e+02	-1.6288e+01	-2.3444e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-1.1990e+02	-3.1220e+01	-1.3750e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-1.0467e+02	-4.2142e+01	-1.7512e+01
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	-1.1737e+02	1.1884e+01	-3.3879e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-1.3427e+02	9.6932e+00	-2.4920e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-1.2757e+02	-7.6241e+00	-2.2373e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-1.0599e+02	-1.4864e+01	-3.1331e+01
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	-1.2514e+02	4.5793e+01	-1.8582e+01
	140	0.0000e+00	0.0000e+00	0.0000e+00	-1.4677e+02	2.9541e+01	-1.0275e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-1.4101e+02	2.0790e+01	-2.1356e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-1.1414e+02	2.6498e+01	-2.9662e+01
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	-2.2343e+01	1.0532e+02	5.4886e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-1.2199e+02	7.4575e+01	5.1490e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.2185e+02	9.2365e+01	2.5186e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-2.9339e+01	1.1375e+02	2.8582e+01
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	-3.5432e+01	2.9068e+01	6.1484e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-1.0681e+02	1.6135e+01	5.9732e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-1.0550e+02	5.5278e+01	6.3748e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-4.0279e+01	3.4387e+01	6.5500e+01
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	-4.9822e+01	-2.3046e+01	5.0709e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-1.0093e+02	-2.4436e+01	5.2837e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-1.0133e+02	6.4655e+00	6.4484e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-4.5125e+01	-1.8006e+01	6.2356e+01
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	-6.0048e+01	-5.5699e+01	3.7270e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-9.9132e+01	-5.0326e+01	3.9150e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-9.8917e+01	-3.0564e+01	5.2968e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-5.6468e+01	-5.2576e+01	5.1088e+01
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	-6.5226e+01	-7.3056e+01	2.1837e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-9.7601e+01	-6.2622e+01	2.2335e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-9.8118e+01	-5.3582e+01	3.6982e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-6.3704e+01	-7.2175e+01	3.6484e+01
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	-6.5350e+01	-7.7049e+01	5.5429e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	-9.5435e+01	-6.2493e+01	4.4621e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	-9.6871e+01	-6.3540e+01	1.9293e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-6.6096e+01	-7.8376e+01	2.0374e+01
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	-6.0622e+01	-6.8476e+01	-1.0740e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-9.2837e+01	-5.0117e+01	-1.3216e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-9.4843e+01	-6.1242e+01	1.4467e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	-6.3612e+01	-7.1942e+01	3.9224e+00
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	-5.1161e+01	-4.6908e+01	-2.6438e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-9.1584e+01	-2.4538e+01	-2.9543e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-9.2624e+01	-4.6548e+01	-1.5202e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-5.6387e+01	-5.2600e+01	-1.2097e+01

2310	216	0.0000e+00	0.0000e+00	0.0000e+00	-4.4806e+01	-8.4505e+00	-4.0792e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-9.3168e+01	1.6058e+01	-4.0750e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-9.3203e+01	-1.8155e+01	-2.8700e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-4.4686e+01	-1.7527e+01	-2.8742e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	-4.4016e+01	7.9262e+01	-2.8046e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	-1.1268e+02	5.7427e+01	-1.8195e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-1.0593e+02	3.4937e+01	-3.2238e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-3.0875e+01	4.0933e+01	-4.2089e+01
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	1.5609e+02	-1.2624e+02	-2.5868e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	6.1842e+01	1.0858e+02	1.1636e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-7.8154e+01	1.5303e+02	1.9589e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.2479e+02	3.7209e+02	5.3661e+00
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	9.0670e+01	-1.2735e+02	1.4379e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	2.5886e+01	1.5287e+01	3.4404e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	4.7746e+00	6.4225e+01	3.4428e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	1.5220e+02	2.0682e+02	1.4403e+01
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	4.7851e+01	-1.3299e+02	2.0114e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-4.7730e+00	-3.1925e+01	3.3603e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-1.8048e+01	-1.4861e+00	3.6297e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	8.8353e+01	9.4244e+01	2.2807e+01
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	2.2064e+01	-1.2788e+02	1.9744e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-2.5641e+01	-6.1849e+01	2.7994e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-3.3367e+01	-4.3648e+01	3.3274e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	4.6443e+01	1.1916e+01	2.5024e+01
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	9.4208e+00	-1.1173e+02	1.5402e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-3.7929e+01	-7.6692e+01	1.9450e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-4.1548e+01	-6.8409e+01	2.6375e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	2.1212e+01	-4.7090e+01	2.2326e+01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	8.1355e+00	-8.3912e+01	9.3218e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	-4.2642e+01	-7.7915e+01	9.6660e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	-4.2658e+01	-7.8408e+01	1.7212e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	8.8460e+00	-8.7366e+01	1.6868e+01
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	1.8156e+01	-4.2994e+01	3.4856e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	-4.0192e+01	-6.5869e+01	1.2588e-02
	222	0.0000e+00	0.0000e+00	0.0000e+00	-3.6865e+01	-7.5080e+01	7.2462e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	7.8194e+00	-1.1229e+02	1.0719e+01
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	4.1535e+01	1.3354e+01	-4.2612e-01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-3.0346e+01	-3.9518e+01	-8.6049e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	-2.3649e+01	-5.8803e+01	-2.2610e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	1.8331e+01	-1.2425e+02	5.9178e+00
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	8.2086e+01	8.8703e+01	-2.5582e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	-9.3497e+00	7.7089e+00	-1.8009e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-1.0312e+00	-2.9683e+01	-1.1111e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	4.2583e+01	-1.2435e+02	4.3393e+00
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	2.3109e+02	1.9471e+02	-2.0155e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-7.2325e+01	1.0386e+02	-3.9684e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	3.4779e+01	3.4059e+01	-7.3404e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	8.4564e+01	-1.2089e+02	1.2189e+01
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	-7.3088e+01	1.1878e+02	8.9799e+00
	215	0.0000e+00	0.0000e+00	0.0000e+00	1.7781e+01	2.5757e+01	-1.8416e+01
	13	0.0000e+00	0.0000e+00	0.0000e+00	2.7633e+01	3.4924e+02	7.4417e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	-1.3321e+02	5.3846e+01	1.0181e+02
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	-4.5112e+01	1.9019e+01	-1.0940e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	-3.7026e+01	1.5538e+01	-1.9013e+00
	215	0.0000e+00	0.0000e+00	0.0000e+00	-1.6879e+01	6.0392e+01	-5.2081e+00
	205	0.0000e+00	0.0000e+00	0.0000e+00	-4.8675e+01	6.4120e+01	-1.4246e+01
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	-5.4711e+01	-1.1226e+01	-9.4624e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	-5.4062e+01	-1.1464e+01	-2.2775e+00
	214	0.0000e+00	0.0000e+00	0.0000e+00	-4.4976e+01	1.1521e+01	-3.9501e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	-5.0614e+01	1.4929e+01	-1.1135e+01
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	-6.3179e+01	-3.3178e+01	-7.3245e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	-6.4571e+01	-3.3811e+01	-2.0186e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	-5.9049e+01	-1.6500e+01	-3.1332e+00

203 0.0000e+00 0.0000e+00 0.0000e+00 -5.8966e+01 -1.4703e+01 -8.4391e+00

2326 201 0.0000e+00 0.0000e+00 0.0000e+00 -7.1133e+01 -5.2316e+01 -5.7556e+00  
211 0.0000e+00 0.0000e+00 0.0000e+00 -7.3088e+01 -5.3274e+01 -8.0557e-01  
212 0.0000e+00 0.0000e+00 0.0000e+00 -6.8381e+01 -3.8404e+01 -1.7895e+00  
202 0.0000e+00 0.0000e+00 0.0000e+00 -6.6757e+01 -3.7216e+01 -6.7395e+00

2327 200 0.0000e+00 0.0000e+00 0.0000e+00 -7.9915e+01 -6.9286e+01 -4.7094e+00  
210 0.0000e+00 0.0000e+00 0.0000e+00 -8.1986e+01 -7.0279e+01 1.0626e+00  
211 0.0000e+00 0.0000e+00 0.0000e+00 -7.6652e+01 -5.7213e+01 1.2610e-01  
201 0.0000e+00 0.0000e+00 0.0000e+00 -7.4659e+01 -5.6165e+01 -5.6459e+00

2328 199 0.0000e+00 0.0000e+00 0.0000e+00 -9.0196e+01 -8.4116e+01 -4.1401e+00  
209 0.0000e+00 0.0000e+00 0.0000e+00 -9.2604e+01 -8.4734e+01 3.0822e+00  
210 0.0000e+00 0.0000e+00 0.0000e+00 -8.5771e+01 -7.3368e+01 2.3456e+00  
200 0.0000e+00 0.0000e+00 0.0000e+00 -8.3778e+01 -7.2379e+01 -4.8768e+00

2329 198 0.0000e+00 0.0000e+00 0.0000e+00 -1.0174e+02 -9.7610e+01 -3.9933e+00  
208 0.0000e+00 0.0000e+00 0.0000e+00 -1.0515e+02 -9.7299e+01 4.4935e+00  
209 0.0000e+00 0.0000e+00 0.0000e+00 -9.6822e+01 -8.6900e+01 4.2279e+00  
199 0.0000e+00 0.0000e+00 0.0000e+00 -9.4494e+01 -8.6010e+01 -4.2589e+00

2330 197 0.0000e+00 0.0000e+00 0.0000e+00 -1.0643e+02 -1.1319e+02 -2.6316e+00  
207 0.0000e+00 0.0000e+00 0.0000e+00 -1.2269e+02 -1.1405e+02 4.6514e+00  
208 0.0000e+00 0.0000e+00 0.0000e+00 -1.1006e+02 -9.7951e+01 4.9796e+00  
198 0.0000e+00 0.0000e+00 0.0000e+00 -1.0570e+02 -9.9533e+01 -2.3034e+00

2331 196 0.0000e+00 0.0000e+00 0.0000e+00 -1.0908e+02 -1.0741e+02 4.3104e+01  
12 0.0000e+00 0.0000e+00 0.0000e+00 -1.0181e+02 -2.0856e+02 3.1182e+01  
207 0.0000e+00 0.0000e+00 0.0000e+00 -1.3378e+02 -1.0927e+02 -6.8044e+00  
197 0.0000e+00 0.0000e+00 0.0000e+00 -9.8978e+01 -1.2761e+02 5.1183e+00

2332 194 0.0000e+00 0.0000e+00 0.0000e+00 -8.9156e+01 3.5188e+01 7.6361e+00  
205 0.0000e+00 0.0000e+00 0.0000e+00 -7.5261e+01 8.0186e+01 2.0621e+01  
206 0.0000e+00 0.0000e+00 0.0000e+00 -5.6439e+01 2.7838e+01 4.4734e+01  
195 0.0000e+00 0.0000e+00 0.0000e+00 -8.4152e+01 2.0271e+01 3.1749e+01

2333 193 0.0000e+00 0.0000e+00 0.0000e+00 -8.2720e+01 2.0740e+01 -5.6020e+00  
204 0.0000e+00 0.0000e+00 0.0000e+00 -5.8876e+01 2.7631e+01 -1.7311e+01  
205 0.0000e+00 0.0000e+00 0.0000e+00 -8.1070e+01 4.8804e+01 -5.6107e+00  
194 0.0000e+00 0.0000e+00 0.0000e+00 -8.2010e+01 3.0189e+01 6.0981e+00

2334 192 0.0000e+00 0.0000e+00 0.0000e+00 -7.2593e+01 -7.1657e+00 -1.0277e+01  
203 0.0000e+00 0.0000e+00 0.0000e+00 -6.1198e+01 -7.0557e+00 -1.3181e+01  
204 0.0000e+00 0.0000e+00 0.0000e+00 -6.1530e+01 1.0089e+01 -1.3655e+01  
193 0.0000e+00 0.0000e+00 0.0000e+00 -7.7588e+01 1.1232e+01 -1.0751e+01

2335 191 0.0000e+00 0.0000e+00 0.0000e+00 -7.2269e+01 -3.1332e+01 -1.1701e+01  
202 0.0000e+00 0.0000e+00 0.0000e+00 -6.5925e+01 -3.1222e+01 -1.0745e+01  
203 0.0000e+00 0.0000e+00 0.0000e+00 -6.3523e+01 -1.6354e+01 -1.1893e+01  
192 0.0000e+00 0.0000e+00 0.0000e+00 -7.2917e+01 -1.3741e+01 -1.2849e+01

2336 190 0.0000e+00 0.0000e+00 0.0000e+00 -7.6020e+01 -5.1729e+01 -1.2461e+01  
201 0.0000e+00 0.0000e+00 0.0000e+00 -7.2236e+01 -5.1342e+01 -9.5114e+00  
202 0.0000e+00 0.0000e+00 0.0000e+00 -6.8544e+01 -3.7803e+01 -1.0073e+01  
191 0.0000e+00 0.0000e+00 0.0000e+00 -7.4301e+01 -3.6192e+01 -1.3022e+01

2337 189 0.0000e+00 0.0000e+00 0.0000e+00 -8.2218e+01 -6.9267e+01 -1.3502e+01  
200 0.0000e+00 0.0000e+00 0.0000e+00 -8.0073e+01 -6.8628e+01 -8.9746e+00  
201 0.0000e+00 0.0000e+00 0.0000e+00 -7.5244e+01 -5.6475e+01 -9.0123e+00  
190 0.0000e+00 0.0000e+00 0.0000e+00 -7.8740e+01 -5.5754e+01 -1.3540e+01

2338 188 0.0000e+00 0.0000e+00 0.0000e+00 -8.9965e+01 -8.3719e+01 -1.4402e+01  
199 0.0000e+00 0.0000e+00 0.0000e+00 -8.9365e+01 -8.3301e+01 -8.6449e+00  
200 0.0000e+00 0.0000e+00 0.0000e+00 -8.3530e+01 -7.2800e+01 -8.5896e+00  
189 0.0000e+00 0.0000e+00 0.0000e+00 -8.5236e+01 -7.2503e+01 -1.4347e+01

2339 187 0.0000e+00 0.0000e+00 0.0000e+00 -9.7911e+01 -9.4096e+01 -1.3324e+01  
198 0.0000e+00 0.0000e+00 0.0000e+00 -9.8546e+01 -9.5777e+01 -7.5432e+00  
199 0.0000e+00 0.0000e+00 0.0000e+00 -9.3204e+01 -8.6930e+01 -8.6228e+00  
188 0.0000e+00 0.0000e+00 0.0000e+00 -9.2646e+01 -8.6258e+01 -1.4403e+01

2340 186 0.0000e+00 0.0000e+00 0.0000e+00 -1.0423e+02 -9.5768e+01 -3.8054e+00  
197 0.0000e+00 0.0000e+00 0.0000e+00 -1.0315e+02 -1.0863e+02 -4.9439e-01  
198 0.0000e+00 0.0000e+00 0.0000e+00 -1.0295e+02 -9.9888e+01 -7.8784e+00  
187 0.0000e+00 0.0000e+00 0.0000e+00 -9.8353e+01 -9.6653e+01 -1.1189e+01

2341 185 0.0000e+00 0.0000e+00 0.0000e+00 -1.3262e+02 -7.9930e+01 1.3833e+01  
196 0.0000e+00 0.0000e+00 0.0000e+00 -9.8398e+01 -9.4846e+01 2.4405e+01

	197	0.0000e+00	0.0000e+00	0.0000e+00	-1.0739e+02	-1.1611e+02	6.4886e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	-1.0423e+02	-9.1966e+01	-4.0835e+00
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	-9.2300e+01	1.3332e+01	8.5531e+00
	194	0.0000e+00	0.0000e+00	0.0000e+00	-8.4007e+01	2.5429e+01	1.5895e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	-7.3559e+01	1.3104e+01	2.3655e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	-8.9277e+01	8.2831e+00	1.6313e+01
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	-9.3223e+01	7.4880e+00	-1.2008e+00
	193	0.0000e+00	0.0000e+00	0.0000e+00	-7.9999e+01	1.3482e+01	-3.9130e+00
	194	0.0000e+00	0.0000e+00	0.0000e+00	-8.4650e+01	2.6318e+01	4.9282e+00
	183	0.0000e+00	0.0000e+00	0.0000e+00	-9.3548e+01	1.3039e+01	7.6403e+00
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	-8.9244e+01	-1.1063e+01	-7.9438e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	-7.6043e+01	-8.5163e+00	-1.2107e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	-8.0975e+01	8.5209e+00	-7.9095e+00
	182	0.0000e+00	0.0000e+00	0.0000e+00	-9.1951e+01	1.9182e+00	-3.7468e+00
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	-8.6499e+01	-3.3021e+01	-1.2325e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	-7.5835e+01	-3.1197e+01	-1.4281e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	-7.7270e+01	-1.5852e+01	-1.2710e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	-8.8653e+01	-1.7454e+01	-1.0754e+01
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	-8.7005e+01	-5.3620e+01	-1.6049e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	-7.8567e+01	-5.1631e+01	-1.5597e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	-7.7428e+01	-3.7889e+01	-1.4393e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	-8.7317e+01	-3.8525e+01	-1.4844e+01
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	-9.0462e+01	-7.1181e+01	-1.9618e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	-8.3729e+01	-6.9282e+01	-1.7054e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	-8.0786e+01	-5.7234e+01	-1.5787e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	-8.8702e+01	-5.8100e+01	-1.8350e+01
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	-9.6321e+01	-8.4076e+01	-2.2218e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	-9.0781e+01	-8.3544e+01	-1.7898e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	-8.6641e+01	-7.3630e+01	-1.7257e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	-9.2533e+01	-7.4495e+01	-2.1578e+01
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	-1.0445e+02	-8.9701e+01	-2.1644e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	-9.8626e+01	-9.3230e+01	-1.5941e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	-9.4377e+01	-8.6274e+01	-1.7751e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	-9.8234e+01	-8.5858e+01	-2.3453e+01
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	-1.1324e+02	-8.3533e+01	-1.5237e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	-1.0997e+02	-9.3871e+01	-7.3723e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	-1.0288e+02	-9.2741e+01	-1.3692e+01
	176	0.0000e+00	0.0000e+00	0.0000e+00	-1.0590e+02	-8.9303e+01	-2.1557e+01
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.4074e+02	-6.2627e+01	-4.4973e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.0952e+02	-7.1740e+01	7.0343e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	-1.1328e+02	-9.0626e+01	-4.1253e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	-1.1582e+02	-7.5411e+01	-1.5657e+01
2352	172	0.0000e+00	0.0000e+00	0.0000e+00	-1.0706e+02	5.4267e+00	5.5036e+00
	183	0.0000e+00	0.0000e+00	0.0000e+00	-9.5254e+01	1.0005e+01	9.9278e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	-8.9274e+01	4.9904e+00	1.1810e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.0492e+02	5.4668e+00	7.3854e+00
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	-1.0814e+02	-1.8147e+00	7.3207e-01
	182	0.0000e+00	0.0000e+00	0.0000e+00	-9.5086e+01	3.0770e+00	1.7103e-01
	183	0.0000e+00	0.0000e+00	0.0000e+00	-9.5624e+01	9.4553e+00	4.5008e+00
	172	0.0000e+00	0.0000e+00	0.0000e+00	-1.0864e+02	4.9081e+00	5.0619e+00
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	-1.0561e+02	-1.7998e+01	-4.8485e+00
	181	0.0000e+00	0.0000e+00	0.0000e+00	-9.2151e+01	-1.4044e+01	-8.0624e+00
	182	0.0000e+00	0.0000e+00	0.0000e+00	-9.5384e+01	-1.0530e+00	-4.0557e+00
	171	0.0000e+00	0.0000e+00	0.0000e+00	-1.0827e+02	-5.8329e+00	-8.4182e-01
2355	169	0.0000e+00	0.0000e+00	0.0000e+00	-1.0259e+02	-3.8470e+01	-1.0763e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	-8.9955e+01	-3.4747e+01	-1.3759e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	-9.2549e+01	-2.0112e+01	-1.0425e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-1.0549e+02	-2.3657e+01	-7.4290e+00
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	-1.0134e+02	-5.8851e+01	-1.7077e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	-9.0049e+01	-5.4931e+01	-1.8370e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	-9.0767e+01	-4.1100e+01	-1.5187e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-1.0299e+02	-4.4118e+01	-1.3894e+01
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	-1.0272e+02	-7.5966e+01	-2.3459e+01

178 0.0000e+00 0.0000e+00 0.0000e+00 -9.2781e+01 -7.2301e+01 -2.2572e+01  
179 0.0000e+00 0.0000e+00 0.0000e+00 -9.1542e+01 -6.0536e+01 -1.9506e+01  
168 0.0000e+00 0.0000e+00 0.0000e+00 -1.0234e+02 -6.3556e+01 -2.0392e+01

2358 166 0.0000e+00 0.0000e+00 0.0000e+00 -1.0693e+02 -8.6896e+01 -2.8806e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 -9.8149e+01 -8.4770e+01 -2.5585e+01  
178 0.0000e+00 0.0000e+00 0.0000e+00 -9.5090e+01 -7.6410e+01 -2.3398e+01  
167 0.0000e+00 0.0000e+00 0.0000e+00 -1.0408e+02 -7.9052e+01 -2.6619e+01

2359 165 0.0000e+00 0.0000e+00 0.0000e+00 -1.1414e+02 -8.8125e+01 -3.1258e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 -1.0611e+02 -8.9357e+01 -2.5483e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 -1.0130e+02 -8.6536e+01 -2.5609e+01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -1.0835e+02 -8.7493e+01 -3.1384e+01

2360 164 0.0000e+00 0.0000e+00 0.0000e+00 -1.2354e+02 -7.5385e+01 -2.8738e+01  
175 0.0000e+00 0.0000e+00 0.0000e+00 -1.1847e+02 -8.1647e+01 -1.9738e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 -1.1010e+02 -8.7547e+01 -2.3643e+01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -1.1540e+02 -8.5295e+01 -3.2644e+01

2361 163 0.0000e+00 0.0000e+00 0.0000e+00 -1.4235e+02 -4.6346e+01 -1.9007e+01  
174 0.0000e+00 0.0000e+00 0.0000e+00 -1.2335e+02 -5.5900e+01 -8.7644e+00  
175 0.0000e+00 0.0000e+00 0.0000e+00 -1.2221e+02 -7.5901e+01 -1.8037e+01  
164 0.0000e+00 0.0000e+00 0.0000e+00 -1.2469e+02 -6.5240e+01 -2.8280e+01

2362 161 0.0000e+00 0.0000e+00 0.0000e+00 -1.2602e+02 4.0615e+00 3.4690e+00  
172 0.0000e+00 0.0000e+00 0.0000e+00 -1.1254e+02 4.0652e+00 5.9025e+00  
173 0.0000e+00 0.0000e+00 0.0000e+00 -1.0900e+02 3.8918e+00 4.5573e+00  
162 0.0000e+00 0.0000e+00 0.0000e+00 -1.2509e+02 6.8281e+00 2.1238e+00

2363 160 0.0000e+00 0.0000e+00 0.0000e+00 -1.2550e+02 -6.7322e+00 2.8368e+00  
171 0.0000e+00 0.0000e+00 0.0000e+00 -1.1236e+02 -4.2389e+00 1.6799e+00  
172 0.0000e+00 0.0000e+00 0.0000e+00 -1.1266e+02 2.4131e+00 2.8062e+00  
161 0.0000e+00 0.0000e+00 0.0000e+00 -1.2732e+02 2.4510e+00 3.9631e+00

2364 159 0.0000e+00 0.0000e+00 0.0000e+00 -1.2227e+02 -2.4802e+01 -1.0090e+00  
170 0.0000e+00 0.0000e+00 0.0000e+00 -1.0938e+02 -2.0705e+01 -4.5263e+00  
171 0.0000e+00 0.0000e+00 0.0000e+00 -1.1204e+02 -8.6696e+00 -1.5728e+00  
160 0.0000e+00 0.0000e+00 0.0000e+00 -1.2607e+02 -1.1011e+01 1.9445e+00

2365 158 0.0000e+00 0.0000e+00 0.0000e+00 -1.1850e+02 -4.6326e+01 -7.6389e+00  
169 0.0000e+00 0.0000e+00 0.0000e+00 -1.0604e+02 -4.1065e+01 -1.1458e+01  
170 0.0000e+00 0.0000e+00 0.0000e+00 -1.0906e+02 -2.6761e+01 -7.2756e+00  
159 0.0000e+00 0.0000e+00 0.0000e+00 -1.2249e+02 -3.0616e+01 -3.4568e+00

2366 157 0.0000e+00 0.0000e+00 0.0000e+00 -1.1597e+02 -6.7278e+01 -1.6129e+01  
168 0.0000e+00 0.0000e+00 0.0000e+00 -1.0426e+02 -6.1313e+01 -1.8709e+01  
169 0.0000e+00 0.0000e+00 0.0000e+00 -1.0616e+02 -4.7450e+01 -1.3764e+01  
158 0.0000e+00 0.0000e+00 0.0000e+00 -1.1880e+02 -5.2266e+01 -1.1183e+01

2367 156 0.0000e+00 0.0000e+00 0.0000e+00 -1.1565e+02 -8.4089e+01 -2.5317e+01  
167 0.0000e+00 0.0000e+00 0.0000e+00 -1.0497e+02 -7.8183e+01 -2.5856e+01  
168 0.0000e+00 0.0000e+00 0.0000e+00 -1.0507e+02 -6.6920e+01 -2.0738e+01  
157 0.0000e+00 0.0000e+00 0.0000e+00 -1.1654e+02 -7.2170e+01 -2.0200e+01

2368 155 0.0000e+00 0.0000e+00 0.0000e+00 -1.1794e+02 -9.3147e+01 -3.3771e+01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -1.0859e+02 -8.8492e+01 -3.1837e+01  
167 0.0000e+00 0.0000e+00 0.0000e+00 -1.0660e+02 -8.2045e+01 -2.7475e+01  
156 0.0000e+00 0.0000e+00 0.0000e+00 -1.1638e+02 -8.6900e+01 -2.9409e+01

2369 154 0.0000e+00 0.0000e+00 0.0000e+00 -1.2286e+02 -9.0141e+01 -3.9571e+01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -1.1547e+02 -8.8436e+01 -3.4833e+01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -1.1106e+02 -8.9523e+01 -3.2585e+01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -1.1857e+02 -9.2718e+01 -3.7323e+01

2370 153 0.0000e+00 0.0000e+00 0.0000e+00 -1.3138e+02 -7.0141e+01 -4.0352e+01  
164 0.0000e+00 0.0000e+00 0.0000e+00 -1.2534e+02 -7.3606e+01 -3.2262e+01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -1.1875e+02 -8.5606e+01 -3.4018e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -1.2313e+02 -8.5243e+01 -4.2108e+01

2371 152 0.0000e+00 0.0000e+00 0.0000e+00 -1.3544e+02 -2.8355e+01 -2.9914e+01  
163 0.0000e+00 0.0000e+00 0.0000e+00 -1.3846e+02 -4.0526e+01 -2.1842e+01  
164 0.0000e+00 0.0000e+00 0.0000e+00 -1.2922e+02 -6.4309e+01 -3.0235e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -1.2987e+02 -5.8183e+01 -3.8307e+01

2372 150 0.0000e+00 0.0000e+00 0.0000e+00 -1.4263e+02 7.7401e+00 3.0554e+00  
161 0.0000e+00 0.0000e+00 0.0000e+00 -1.3230e+02 4.1596e+00 4.0116e+00  
162 0.0000e+00 0.0000e+00 0.0000e+00 -1.3026e+02 6.6977e+00 -3.1791e-01  
151 0.0000e+00 0.0000e+00 0.0000e+00 -1.4291e+02 1.2555e+01 -1.2741e+00

2373 149 0.0000e+00 0.0000e+00 0.0000e+00 -1.3980e+02 -8.2311e+00 6.6406e+00  
160 0.0000e+00 0.0000e+00 0.0000e+00 -1.3055e+02 -7.6210e+00 3.7637e+00  
161 0.0000e+00 0.0000e+00 0.0000e+00 -1.3193e+02 1.1301e+00 2.3958e+00  
150 0.0000e+00 0.0000e+00 0.0000e+00 -1.4370e+02 4.7224e+00 5.2727e+00

2374 148 0.0000e+00 0.0000e+00 0.0000e+00 -1.3486e+02 -3.1126e+01 4.3475e+00  
159 0.0000e+00 0.0000e+00 0.0000e+00 -1.2605e+02 -2.6872e+01 -5.4991e-01  
160 0.0000e+00 0.0000e+00 0.0000e+00 -1.2941e+02 -1.3396e+01 1.6524e+00  
149 0.0000e+00 0.0000e+00 0.0000e+00 -1.4049e+02 -1.3943e+01 6.5499e+00

2375 147 0.0000e+00 0.0000e+00 0.0000e+00 -1.3001e+02 -5.5922e+01 -3.0849e+00  
158 0.0000e+00 0.0000e+00 0.0000e+00 -1.2120e+02 -4.9215e+01 -7.9974e+00  
159 0.0000e+00 0.0000e+00 0.0000e+00 -1.2497e+02 -3.3852e+01 -2.9703e+00  
148 0.0000e+00 0.0000e+00 0.0000e+00 -1.3526e+02 -3.8105e+01 1.9423e+00

2376 146 0.0000e+00 0.0000e+00 0.0000e+00 -1.2651e+02 -7.8469e+01 -1.3618e+01  
157 0.0000e+00 0.0000e+00 0.0000e+00 -1.1779e+02 -7.0517e+01 -1.7271e+01  
158 0.0000e+00 0.0000e+00 0.0000e+00 -1.2069e+02 -5.6084e+01 -1.0606e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -1.3031e+02 -6.2660e+01 -6.9541e+00

2377 145 0.0000e+00 0.0000e+00 0.0000e+00 -1.2477e+02 -9.5296e+01 -2.5271e+01  
156 0.0000e+00 0.0000e+00 0.0000e+00 -1.1670e+02 -8.7174e+01 -2.7075e+01  
157 0.0000e+00 0.0000e+00 0.0000e+00 -1.1801e+02 -7.6253e+01 -1.9917e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -1.2677e+02 -8.3737e+01 -1.8113e+01

2378 144 0.0000e+00 0.0000e+00 0.0000e+00 -1.2493e+02 -1.0263e+02 -3.6321e+01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -1.1820e+02 -9.5491e+01 -3.5976e+01  
156 0.0000e+00 0.0000e+00 0.0000e+00 -1.1761e+02 -9.0851e+01 -2.9439e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -1.2488e+02 -9.7966e+01 -2.9784e+01

2379 143 0.0000e+00 0.0000e+00 0.0000e+00 -1.2653e+02 -9.5416e+01 -4.4803e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -1.2283e+02 -9.1022e+01 -4.2036e+01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -1.1974e+02 -9.5893e+01 -3.7487e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -1.2455e+02 -1.0142e+02 -4.0254e+01

2380 142 0.0000e+00 0.0000e+00 0.0000e+00 -1.3357e+02 -6.7360e+01 -4.8386e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -1.2779e+02 -6.8241e+01 -4.2351e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -1.2486e+02 -8.7261e+01 -4.2158e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -1.2543e+02 -8.8562e+01 -4.8193e+01

2381 141 0.0000e+00 0.0000e+00 0.0000e+00 -1.1578e+02 -8.5955e+00 -3.6849e+01  
152 0.0000e+00 0.0000e+00 0.0000e+00 -1.5395e+02 -2.4014e+01 -3.1572e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -1.3142e+02 -5.3780e+01 -3.8614e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -1.2864e+02 -5.3849e+01 -4.3890e+01

2382 139 0.0000e+00 0.0000e+00 0.0000e+00 -1.4671e+02 1.7512e+01 4.7277e+00  
150 0.0000e+00 0.0000e+00 0.0000e+00 -1.4768e+02 9.9633e+00 4.2656e+00  
151 0.0000e+00 0.0000e+00 0.0000e+00 -1.4672e+02 1.4599e+01 -3.8547e+00  
140 0.0000e+00 0.0000e+00 0.0000e+00 -1.4853e+02 2.4753e+01 -3.3925e+00

2383 138 0.0000e+00 0.0000e+00 0.0000e+00 -1.4110e+02 -7.0353e+00 1.3107e+01  
149 0.0000e+00 0.0000e+00 0.0000e+00 -1.4332e+02 -7.4741e+00 7.7437e+00  
150 0.0000e+00 0.0000e+00 0.0000e+00 -1.4632e+02 5.0460e+00 4.3849e+00  
139 0.0000e+00 0.0000e+00 0.0000e+00 -1.4794e+02 1.1929e+01 9.7478e+00

2384 137 0.0000e+00 0.0000e+00 0.0000e+00 -1.3484e+02 -3.7672e+01 1.1228e+01  
148 0.0000e+00 0.0000e+00 0.0000e+00 -1.3639e+02 -3.2604e+01 4.6840e+00  
149 0.0000e+00 0.0000e+00 0.0000e+00 -1.4104e+02 -1.5423e+01 7.1711e+00  
138 0.0000e+00 0.0000e+00 0.0000e+00 -1.4220e+02 -1.5776e+01 1.3716e+01

2385 136 0.0000e+00 0.0000e+00 0.0000e+00 -1.2995e+02 -6.7317e+01 2.1248e+00  
147 0.0000e+00 0.0000e+00 0.0000e+00 -1.3002e+02 -5.9008e+01 -3.5012e+00  
148 0.0000e+00 0.0000e+00 0.0000e+00 -1.3465e+02 -4.1000e+01 3.0779e+00  
137 0.0000e+00 0.0000e+00 0.0000e+00 -1.3564e+02 -4.7032e+01 8.7039e+00

2386 135 0.0000e+00 0.0000e+00 0.0000e+00 -1.2656e+02 -9.1926e+01 -1.0415e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -1.2556e+02 -8.2229e+01 -1.4519e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -1.2919e+02 -6.6474e+01 -5.9616e+00  
136 0.0000e+00 0.0000e+00 0.0000e+00 -1.3045e+02 -7.5432e+01 -1.8584e+00

2387 134 0.0000e+00 0.0000e+00 0.0000e+00 -1.2420e+02 -1.0871e+02 -2.3747e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -1.2316e+02 -9.8908e+01 -2.6365e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -1.2547e+02 -8.8018e+01 -1.7402e+01  
135 0.0000e+00 0.0000e+00 0.0000e+00 -1.2670e+02 -9.7753e+01 -1.4783e+01

2388 133 0.0000e+00 0.0000e+00 0.0000e+00 -1.2249e+02 -1.1426e+02 -3.6129e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -1.2249e+02 -1.0536e+02 -3.7364e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -1.2347e+02 -1.0231e+02 -2.9148e+01

	134	0.0000e+00	0.0000e+00	0.0000e+00	-1.2377e+02	-1.1131e+02	-2.7913e+01
2389	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.2031e+02	-1.0302e+02	-4.5917e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.2421e+02	-9.6585e+01	-4.5633e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	-1.2295e+02	-1.0509e+02	-3.9308e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-1.2104e+02	-1.1245e+02	-3.9591e+01
2390	131	0.0000e+00	0.0000e+00	0.0000e+00	-1.2588e+02	-6.7084e+01	-5.1658e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.2224e+02	-6.5058e+01	-4.8463e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.2447e+02	-9.1977e+01	-4.6449e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.1779e+02	-9.4343e+01	-4.9643e+01
2391	130	0.0000e+00	0.0000e+00	0.0000e+00	-7.8161e+01	1.1252e+01	-3.9511e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.6796e+02	-7.1039e+00	-3.7478e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.2523e+02	-4.3876e+01	-4.1699e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-1.1716e+02	-5.3032e+01	-4.3731e+01
2392	128	0.0000e+00	0.0000e+00	0.0000e+00	-1.2180e+02	3.5097e+01	9.3515e+00
	139	0.0000e+00	0.0000e+00	0.0000e+00	-1.4779e+02	2.3366e+01	6.9389e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	-1.4808e+02	3.0581e+01	-6.7206e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	-1.2594e+02	4.8627e+01	-4.3080e+00
2393	127	0.0000e+00	0.0000e+00	0.0000e+00	-1.1440e+02	-6.5134e+00	2.1899e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-1.3931e+02	-4.6287e+00	1.3605e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	-1.4442e+02	1.4748e+01	9.8755e+00
	128	0.0000e+00	0.0000e+00	0.0000e+00	-1.2452e+02	2.4763e+01	1.8169e+01
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	-1.1067e+02	-4.7088e+01	1.7083e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-1.3029e+02	-3.9152e+01	1.0521e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-1.3624e+02	-1.5601e+01	1.5364e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-1.1675e+02	-1.8223e+01	2.1926e+01
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	-1.0902e+02	-8.1468e+01	5.4941e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	-1.2419e+02	-7.0818e+01	9.8422e-01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-1.2892e+02	-4.8849e+01	1.0021e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-1.1256e+02	-5.7900e+01	1.4531e+01
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	-1.0792e+02	-1.0730e+02	-8.2810e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	-1.2045e+02	-9.5943e+01	-1.1461e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-1.2399e+02	-7.8494e+01	-1.0537e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	-1.1021e+02	-8.9828e+01	2.1264e+00
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	-1.0622e+02	-1.2304e+02	-2.1737e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-1.1798e+02	-1.1229e+02	-2.4297e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	-1.2068e+02	-1.0142e+02	-1.4142e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-1.0823e+02	-1.1281e+02	-1.1581e+01
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	-1.0329e+02	-1.2611e+02	-3.3483e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-1.1574e+02	-1.1672e+02	-3.5879e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-1.1801e+02	-1.1513e+02	-2.6915e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-1.0541e+02	-1.2528e+02	-2.4519e+01
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	-9.7477e+01	-1.1104e+02	-4.2654e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.1463e+02	-1.0395e+02	-4.4816e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-1.1511e+02	-1.1563e+02	-3.7588e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-1.0096e+02	-1.2430e+02	-3.5426e+01
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	-1.0249e+02	-6.8873e+01	-4.9537e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-1.0425e+02	-6.4089e+01	-4.9475e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.1270e+02	-9.8644e+01	-4.5897e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-9.3929e+01	-1.0166e+02	-4.5959e+01
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	-1.7257e+01	2.7549e+01	-3.8275e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.7694e+02	7.7519e+00	-3.9497e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-1.0603e+02	-3.5251e+01	-3.8341e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-9.0414e+01	-5.7569e+01	-3.7119e+01
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	-3.5560e+01	7.6052e+01	1.8113e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-1.1585e+02	4.7593e+01	1.4789e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	-1.1547e+02	6.1785e+01	-8.6563e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	-4.2042e+01	8.4437e+01	-5.3316e+00
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	-4.1757e+01	6.3171e+00	2.5077e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-1.0286e+02	-4.6264e+00	2.1104e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-1.0344e+02	3.1166e+01	2.3309e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-4.8470e+01	1.5415e+01	2.7282e+01
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	-5.1005e+01	-4.8314e+01	1.5058e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-9.6964e+01	-4.9382e+01	1.5267e+01

	127	0.0000e+00	0.0000e+00	0.0000e+00	-9.8449e+01	-1.5864e+01	2.4972e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-4.9136e+01	-3.8089e+01	2.4763e+01
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	-5.7928e+01	-8.9118e+01	3.2288e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	-9.5657e+01	-8.5009e+01	3.8942e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	-9.5862e+01	-5.8150e+01	1.5485e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	-5.6502e+01	-7.9310e+01	1.4820e+01
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	-6.1404e+01	-1.1808e+02	-9.0531e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	-9.5081e+01	-1.1063e+02	-9.3185e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	-9.5695e+01	-9.1603e+01	2.3848e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	-6.1277e+01	-1.0967e+02	2.6503e+00
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	-6.1136e+01	-1.3496e+02	-2.0233e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-9.3661e+01	-1.2551e+02	-2.1928e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-9.5383e+01	-1.1514e+02	-1.1208e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	-6.2524e+01	-1.2906e+02	-9.5133e+00
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	-5.7310e+01	-1.3812e+02	-2.9198e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-9.0310e+01	-1.2734e+02	-3.2511e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-9.3675e+01	-1.2751e+02	-2.3458e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-6.0025e+01	-1.3647e+02	-2.0144e+01
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	-4.8565e+01	-1.2344e+02	-3.5830e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-8.6165e+01	-1.1115e+02	-4.0573e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-8.9481e+01	-1.2567e+02	-3.2960e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-5.3951e+01	-1.2998e+02	-2.8218e+01
2410	100	0.0000e+00	0.0000e+00	0.0000e+00	-5.2269e+01	-8.0872e+01	-4.2259e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-6.7046e+01	-6.4939e+01	-4.6460e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-8.3453e+01	-1.0585e+02	-4.1216e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-4.3570e+01	-1.0135e+02	-3.7015e+01
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	7.0071e+01	3.1908e+01	-3.6578e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-1.7349e+02	1.5695e+01	-3.8361e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-6.8858e+01	-2.8940e+01	-2.9003e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-3.7833e+01	-6.5553e+01	-2.7221e+01
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	1.2100e+02	-1.4136e+02	-2.1270e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	3.4076e+01	8.1978e+01	-1.8404e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-9.1399e+01	1.1322e+02	-1.1168e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	2.5174e+02	3.2079e+02	-1.4035e+01
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	7.2049e+01	-1.5221e+02	-1.1376e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	1.4369e+01	-6.9655e+00	-8.6211e-01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-1.0307e+01	4.1013e+01	1.3485e+00
	117	0.0000e+00	0.0000e+00	0.0000e+00	1.1602e+02	1.8144e+02	-9.1652e+00
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	4.1892e+01	-1.7008e+02	-9.0906e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	-6.5153e+00	-5.7134e+01	-3.1306e+00
	114	0.0000e+00	0.0000e+00	0.0000e+00	-2.4350e+01	-2.3712e+01	4.5561e-01
	115	0.0000e+00	0.0000e+00	0.0000e+00	7.0662e+01	8.1417e+01	-5.5044e+00
2415	111	0.0000e+00	0.0000e+00	0.0000e+00	2.5632e+01	-1.7836e+02	-1.0193e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-2.0951e+01	-9.4820e+01	-8.5191e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	-3.4598e+01	-7.1254e+01	-3.5931e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	4.2351e+01	1.5468e+00	-5.2673e+00
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	2.0459e+01	-1.7517e+02	-1.3142e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	-2.9462e+01	-1.2073e+02	-1.4774e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-3.9490e+01	-1.0562e+02	-9.4590e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	2.7491e+01	-6.2771e+01	-7.8266e+00
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	2.4075e+01	-1.5848e+02	-1.6249e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-3.3017e+01	-1.3450e+02	-2.0027e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	-3.8897e+01	-1.2748e+02	-1.5298e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	2.3023e+01	-1.1380e+02	-1.1520e+01
2418	105	0.0000e+00	0.0000e+00	0.0000e+00	3.4181e+01	-1.2586e+02	-1.8347e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-3.2587e+01	-1.3457e+02	-2.2923e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-3.3344e+01	-1.3626e+02	-1.9494e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	2.6543e+01	-1.5245e+02	-1.4919e+01
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	4.8294e+01	-7.4962e+01	-1.9530e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-2.9565e+01	-1.1764e+02	-2.3149e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-2.3383e+01	-1.3014e+02	-2.0799e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	3.5472e+01	-1.7794e+02	-1.7180e+01
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	5.8742e+01	-5.0073e+00	-2.4766e+01



	100	0.0000e+00	0.0000e+00	0.0000e+00	-1.6768e+01	-7.1722e+01	-2.7072e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-8.5558e+00	-1.0648e+02	-2.1352e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	4.6299e+01	-1.8566e+02	-1.9047e+01
2421	1	0.0000e+00	0.0000e+00	0.0000e+00	1.7501e+02	8.3194e+01	-5.3128e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-1.4733e+02	7.9576e+00	-3.4703e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	6.9007e+00	-2.9755e+01	-8.7404e-01
	101	0.0000e+00	0.0000e+00	0.0000e+00	5.4596e+01	-1.7874e+02	-1.9299e+01

SFORZI "V+y" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	-1.2502e+00	1.0062e+01	9.9039e-01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-4.0153e+00	1.3976e+01	5.0367e-02
	84	0.0000e+00	0.0000e+00	0.0000e+00	-1.3161e+00	-1.8682e+01	-1.2228e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-5.7772e+00	1.0491e+01	-1.1288e+01
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	-4.8592e+00	1.3139e+01	1.2216e-01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-1.1433e+00	1.4333e+01	1.3503e+00
	1893	0.0000e+00	0.0000e+00	0.0000e+00	1.0224e-01	1.1673e+01	1.1481e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-3.7167e+00	1.3283e+01	-8.0050e-02
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	-6.6264e+00	7.8144e+00	-1.6629e-01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-8.8585e-01	1.2846e+01	1.0245e-01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-1.8404e+00	1.3316e+01	6.1720e-01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-5.1493e+00	1.7288e+01	3.4846e-01
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	-7.9781e+00	-1.5927e+00	-1.9039e-01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-5.0011e-01	8.6096e+00	-5.3030e-01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-3.1098e+00	9.9399e+00	-2.9956e-01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-6.0294e+00	1.9668e+01	4.0347e-02
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	-9.8783e+00	-1.4491e+01	1.9472e-01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-8.1968e-02	1.2118e+00	-3.9082e-01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-4.3643e+00	3.3919e+00	-6.5096e-01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-6.7345e+00	1.9630e+01	-6.5421e-02
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.2917e+01	-3.1319e+01	1.4682e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	2.4337e-01	-9.6816e+00	8.2243e-01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-5.8736e+00	-6.6363e+00	-2.3137e-01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-8.0558e+00	1.7169e+01	4.1437e-01
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.6208e+01	-5.3281e+01	3.5888e+00
	1887	0.0000e+00	0.0000e+00	0.0000e+00	6.6688e-01	-2.2369e+01	2.3398e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-7.4364e+00	-2.0721e+01	1.0983e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.0533e+01	1.2745e+01	2.3473e+00
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-9.7125e+00	-8.3242e+01	-9.8699e-01
	83	0.0000e+00	0.0000e+00	0.0000e+00	1.2088e+01	-1.2998e+01	-1.1279e+01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-4.3585e+00	-4.0457e+01	-1.6434e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.3277e+01	9.9667e+00	8.6482e+00
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	1.2053e+00	1.0972e+01	-2.9956e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	4.6455e-02	2.7563e+01	-2.0086e+00
	83	0.0000e+00	0.0000e+00	0.0000e+00	-4.8864e+00	-1.2162e+00	-1.0470e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	8.0573e+00	3.2781e+01	-1.1457e+01
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	-3.3122e+00	1.3452e+01	-3.1594e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	6.2486e-01	2.1859e+01	-1.7976e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	6.3772e-01	2.0579e+01	-1.4601e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	-6.7717e-01	2.8292e+01	-2.8218e+00
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	-5.2821e+00	6.8802e+00	-3.7078e+00
	1884	0.0000e+00	0.0000e+00	0.0000e+00	3.1735e-01	1.7562e+01	-3.7387e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-1.9802e+00	1.8580e+01	-2.9243e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	-3.0445e+00	2.7586e+01	-2.8935e+00
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	-6.6133e+00	-3.4981e+00	-4.1712e+00
	1883	0.0000e+00	0.0000e+00	0.0000e+00	4.5497e-01	1.1166e+01	-4.8109e+00
	1884	0.0000e+00	0.0000e+00	0.0000e+00	-3.1962e+00	1.2833e+01	-4.2604e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	-4.2060e+00	2.6365e+01	-3.6206e+00
686	1650	0.0000e+00	0.0000e+00	0.0000e+00	-8.4845e+00	-1.7081e+01	-4.3449e+00
	1882	0.0000e+00	0.0000e+00	0.0000e+00	6.8439e-01	2.1710e+00	-5.1494e+00
	1883	0.0000e+00	0.0000e+00	0.0000e+00	-4.3635e+00	4.5622e+00	-5.0167e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	-5.0009e+00	2.3541e+01	-4.2122e+00

687 1649 0.0000e+00 0.0000e+00 0.0000e+00 -1.1713e+01 -3.4430e+01 -3.7375e+00  
1881 0.0000e+00 0.0000e+00 0.0000e+00 7.6517e-01 -9.9523e+00 -4.4176e+00  
1882 0.0000e+00 0.0000e+00 0.0000e+00 -5.8615e+00 -6.7236e+00 -5.0344e+00  
1650 0.0000e+00 0.0000e+00 0.0000e+00 -6.4083e+00 1.9023e+01 -4.3543e+00

688 1648 0.0000e+00 0.0000e+00 0.0000e+00 -1.6090e+01 -5.7120e+01 -2.2556e+00  
1880 0.0000e+00 0.0000e+00 0.0000e+00 2.1993e-02 -2.4305e+01 -2.7681e+00  
1881 0.0000e+00 0.0000e+00 0.0000e+00 -7.8259e+00 -2.1697e+01 -3.8415e+00  
1649 0.0000e+00 0.0000e+00 0.0000e+00 -9.2391e+00 1.3327e+01 -3.3290e+00

689 27 0.0000e+00 0.0000e+00 0.0000e+00 -2.3030e+01 -8.9758e+01 -5.0353e+00  
82 0.0000e+00 0.0000e+00 0.0000e+00 1.4792e+01 -2.2174e+01 -1.1549e+01  
1880 0.0000e+00 0.0000e+00 0.0000e+00 -7.5233e+00 -4.4902e+01 -5.9101e+00  
1648 0.0000e+00 0.0000e+00 0.0000e+00 -1.3379e+01 1.1082e+01 6.0342e-01

690 1879 0.0000e+00 0.0000e+00 0.0000e+00 -7.9331e+00 1.3762e+01 1.0414e+01  
882 0.0000e+00 0.0000e+00 0.0000e+00 -1.3314e+01 1.5246e+01 5.2469e-01  
7 0.0000e+00 0.0000e+00 0.0000e+00 -1.7322e+01 6.1646e+00 7.7438e+00  
73 0.0000e+00 0.0000e+00 0.0000e+00 -2.3153e+01 -7.2023e+00 1.7633e+01

691 1878 0.0000e+00 0.0000e+00 0.0000e+00 -3.2134e+00 1.3021e+01 3.1813e+00  
880 0.0000e+00 0.0000e+00 0.0000e+00 -8.4605e+00 1.5104e+01 1.5974e+00  
882 0.0000e+00 0.0000e+00 0.0000e+00 -1.2624e+01 1.1589e+01 3.0293e+00  
1879 0.0000e+00 0.0000e+00 0.0000e+00 -2.1302e+00 1.0726e+01 4.6133e+00

692 1877 0.0000e+00 0.0000e+00 0.0000e+00 -1.7082e+00 1.2851e+01 2.8565e+00  
878 0.0000e+00 0.0000e+00 0.0000e+00 -8.1808e+00 8.8288e+00 2.3207e+00  
880 0.0000e+00 0.0000e+00 0.0000e+00 -8.1141e+00 1.6953e+01 2.3427e+00  
1878 0.0000e+00 0.0000e+00 0.0000e+00 -2.8167e+00 1.2885e+01 2.8785e+00

693 1876 0.0000e+00 0.0000e+00 0.0000e+00 -9.5958e-01 8.8227e+00 2.8071e+00  
876 0.0000e+00 0.0000e+00 0.0000e+00 -9.4058e+00 -1.0427e+00 2.4418e+00  
878 0.0000e+00 0.0000e+00 0.0000e+00 -7.4744e+00 2.0051e+01 2.4848e+00  
1877 0.0000e+00 0.0000e+00 0.0000e+00 -3.6014e+00 1.0097e+01 2.8502e+00

694 1875 0.0000e+00 0.0000e+00 0.0000e+00 -5.7636e-01 1.0223e+00 2.0563e+00  
874 0.0000e+00 0.0000e+00 0.0000e+00 -1.2045e+01 -1.4890e+01 1.7726e+00  
876 0.0000e+00 0.0000e+00 0.0000e+00 -8.1862e+00 2.0692e+01 2.4248e+00  
1876 0.0000e+00 0.0000e+00 0.0000e+00 -4.9873e+00 3.4383e+00 2.7086e+00

695 1874 0.0000e+00 0.0000e+00 0.0000e+00 -7.3891e-01 -1.1062e+01 -3.4981e-01  
872 0.0000e+00 0.0000e+00 0.0000e+00 -1.6852e+01 -3.3648e+01 -2.2816e-01  
874 0.0000e+00 0.0000e+00 0.0000e+00 -1.0295e+01 1.8993e+01 1.6282e+00  
1875 0.0000e+00 0.0000e+00 0.0000e+00 -7.0598e+00 -7.4115e+00 1.5065e+00

696 1873 0.0000e+00 0.0000e+00 0.0000e+00 -1.6262e+00 -2.6150e+01 -4.7650e+00  
870 0.0000e+00 0.0000e+00 0.0000e+00 -2.5687e+01 -5.9191e+01 -3.5468e+00  
872 0.0000e+00 0.0000e+00 0.0000e+00 -1.4803e+01 1.5724e+01 -5.0475e-01  
1874 0.0000e+00 0.0000e+00 0.0000e+00 -1.0142e+01 -2.3574e+01 -1.7229e+00

697 72 0.0000e+00 0.0000e+00 0.0000e+00 -8.3727e+00 -1.8888e+01 1.8099e+00  
6 0.0000e+00 0.0000e+00 0.0000e+00 -2.8073e+01 -9.5596e+01 1.9604e+00  
870 0.0000e+00 0.0000e+00 0.0000e+00 -2.4847e+01 1.5277e+01 -6.2677e+00  
1873 0.0000e+00 0.0000e+00 0.0000e+00 -1.1307e+01 -4.4505e+01 -6.4182e+00

698 1872 0.0000e+00 0.0000e+00 0.0000e+00 -6.3724e+00 2.1385e+01 8.1416e+00  
796 0.0000e+00 0.0000e+00 0.0000e+00 -1.1325e+01 1.6317e+01 -1.2774e+00  
6 0.0000e+00 0.0000e+00 0.0000e+00 -1.2424e+01 1.8603e+01 5.5746e+00  
72 0.0000e+00 0.0000e+00 0.0000e+00 -2.3589e+01 -5.6111e-01 1.4994e+01

699 1871 0.0000e+00 0.0000e+00 0.0000e+00 -2.1647e+00 1.7876e+01 1.5480e+00  
794 0.0000e+00 0.0000e+00 0.0000e+00 -7.1848e+00 1.5692e+01 -1.1322e-02  
796 0.0000e+00 0.0000e+00 0.0000e+00 -1.0458e+01 2.0449e+01 1.0389e+00  
1872 0.0000e+00 0.0000e+00 0.0000e+00 -1.9233e+00 1.6105e+01 2.5982e+00

700 1870 0.0000e+00 0.0000e+00 0.0000e+00 -9.3071e-01 1.5979e+01 1.7025e+00  
792 0.0000e+00 0.0000e+00 0.0000e+00 -7.0610e+00 8.7971e+00 1.0114e+00  
794 0.0000e+00 0.0000e+00 0.0000e+00 -6.5343e+00 2.3092e+01 7.6439e-01  
1871 0.0000e+00 0.0000e+00 0.0000e+00 -2.8011e+00 1.6418e+01 1.4555e+00

701 1869 0.0000e+00 0.0000e+00 0.0000e+00 -3.3876e-01 1.0731e+01 1.9492e+00  
790 0.0000e+00 0.0000e+00 0.0000e+00 -8.2530e+00 -1.3224e+00 1.4240e+00  
792 0.0000e+00 0.0000e+00 0.0000e+00 -6.0921e+00 2.3987e+01 1.2602e+00  
1870 0.0000e+00 0.0000e+00 0.0000e+00 -3.5208e+00 1.2270e+01 1.7854e+00

702 1868 0.0000e+00 0.0000e+00 0.0000e+00 -6.3499e-02 2.2125e+00 1.4510e+00  
788 0.0000e+00 0.0000e+00 0.0000e+00 -1.0760e+01 -1.4948e+01 1.0363e+00  
790 0.0000e+00 0.0000e+00 0.0000e+00 -6.8533e+00 2.2867e+01 1.4970e+00

1869 0.0000e+00 0.0000e+00 0.0000e+00 -4.7766e+00 4.7589e+00 1.9117e+00

703 1867 0.0000e+00 0.0000e+00 0.0000e+00 -2.6743e-01 -1.0063e+01 -6.5007e-01  
786 0.0000e+00 0.0000e+00 0.0000e+00 -1.5258e+01 -3.2949e+01 -6.7304e-01  
788 0.0000e+00 0.0000e+00 0.0000e+00 -8.9123e+00 1.9817e+01 9.5972e-01  
1868 0.0000e+00 0.0000e+00 0.0000e+00 -6.6578e+00 -6.4277e+00 9.8269e-01

704 1866 0.0000e+00 0.0000e+00 0.0000e+00 -1.0545e+00 -2.4837e+01 -4.5785e+00  
784 0.0000e+00 0.0000e+00 0.0000e+00 -2.3253e+01 -5.7073e+01 -3.6859e+00  
786 0.0000e+00 0.0000e+00 0.0000e+00 -1.3155e+01 1.5522e+01 -9.5610e-01  
1867 0.0000e+00 0.0000e+00 0.0000e+00 -9.4172e+00 -2.2329e+01 -1.8487e+00

705 71 0.0000e+00 0.0000e+00 0.0000e+00 -5.9611e+00 -1.7939e+01 2.4154e+00  
5 0.0000e+00 0.0000e+00 0.0000e+00 -2.4407e+01 -9.1135e+01 1.4684e+00  
784 0.0000e+00 0.0000e+00 0.0000e+00 -2.2172e+01 1.4094e+01 -6.5655e+00  
1866 0.0000e+00 0.0000e+00 0.0000e+00 -1.0037e+01 -4.2575e+01 -5.6184e+00

706 1865 0.0000e+00 0.0000e+00 0.0000e+00 -9.3491e+00 6.4829e+00 9.3826e+00  
1023 0.0000e+00 0.0000e+00 0.0000e+00 -1.4003e+01 6.1007e+00 -1.6603e+00  
9 0.0000e+00 0.0000e+00 0.0000e+00 -2.0277e+01 5.7563e+00 7.1217e+00  
75 0.0000e+00 0.0000e+00 0.0000e+00 -2.2707e+01 -1.4385e+01 1.8165e+01

707 1864 0.0000e+00 0.0000e+00 0.0000e+00 -3.3272e+00 5.6128e+00 1.7072e+00  
1021 0.0000e+00 0.0000e+00 0.0000e+00 -9.9486e+00 3.9371e+00 -5.3392e-01  
1023 0.0000e+00 0.0000e+00 0.0000e+00 -1.3063e+01 9.2715e+00 1.1241e+00  
1865 0.0000e+00 0.0000e+00 0.0000e+00 -4.1974e+00 3.8653e+00 3.3652e+00

708 1863 0.0000e+00 0.0000e+00 0.0000e+00 -1.8698e+00 3.2436e+00 4.1994e-01  
1019 0.0000e+00 0.0000e+00 0.0000e+00 -9.9257e+00 -3.9772e+00 -3.3650e-01  
1021 0.0000e+00 0.0000e+00 0.0000e+00 -9.2728e+00 1.2579e+01 2.1714e-01  
1864 0.0000e+00 0.0000e+00 0.0000e+00 -3.8675e+00 4.1127e+00 9.7358e-01

709 1862 0.0000e+00 0.0000e+00 0.0000e+00 -1.4976e+00 -2.7991e+00 -7.9825e-01  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -1.1752e+01 -1.5405e+01 -1.1142e+00  
1019 0.0000e+00 0.0000e+00 0.0000e+00 -9.2014e+00 1.4026e+01 -2.5381e-01  
1863 0.0000e+00 0.0000e+00 0.0000e+00 -4.6097e+00 -5.1619e-01 6.2139e-02

710 1861 0.0000e+00 0.0000e+00 0.0000e+00 -1.8936e+00 -1.2343e+01 -3.2569e+00  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -1.5789e+01 -3.0827e+01 -2.9729e+00  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -1.0875e+01 1.3552e+01 -1.1827e+00  
1862 0.0000e+00 0.0000e+00 0.0000e+00 -6.3036e+00 -8.9603e+00 -1.4666e+00

711 1860 0.0000e+00 0.0000e+00 0.0000e+00 -2.0027e+00 -2.3207e+01 -6.8969e+00  
1013 0.0000e+00 0.0000e+00 0.0000e+00 -2.4366e+01 -5.1836e+01 -5.5301e+00  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -1.5082e+01 1.2228e+01 -3.0631e+00  
1861 0.0000e+00 0.0000e+00 0.0000e+00 -8.8572e+00 -2.1952e+01 -4.4298e+00

712 74 0.0000e+00 0.0000e+00 0.0000e+00 -9.6005e+00 -1.1143e+01 7.6046e-01  
8 0.0000e+00 0.0000e+00 0.0000e+00 -2.5728e+01 -8.1593e+01 1.5233e+00  
1013 0.0000e+00 0.0000e+00 0.0000e+00 -2.5277e+01 1.4110e+01 -7.6416e+00  
1860 0.0000e+00 0.0000e+00 0.0000e+00 -8.6955e+00 -3.5719e+01 -8.4044e+00

713 1599 0.0000e+00 0.0000e+00 0.0000e+00 -1.2041e+00 2.1812e-01 -2.1196e+00  
1859 0.0000e+00 0.0000e+00 0.0000e+00 -3.8643e+00 6.9136e+00 -2.3792e+00  
86 0.0000e+00 0.0000e+00 0.0000e+00 -2.2364e+00 -2.3081e+01 -1.4389e+01  
31 0.0000e+00 0.0000e+00 0.0000e+00 -3.2935e+00 1.0637e+01 -1.4130e+01

714 1598 0.0000e+00 0.0000e+00 0.0000e+00 -6.0733e+00 2.0102e+00 -1.9058e+00  
1858 0.0000e+00 0.0000e+00 0.0000e+00 -8.7650e-01 7.1309e+00 -6.8891e-01  
1859 0.0000e+00 0.0000e+00 0.0000e+00 -1.2872e+00 4.4474e+00 -1.3268e+00  
1599 0.0000e+00 0.0000e+00 0.0000e+00 -3.4993e+00 1.1004e+01 -2.5437e+00

715 1597 0.0000e+00 0.0000e+00 0.0000e+00 -8.4518e+00 -4.3920e+00 -1.4054e+00  
1857 0.0000e+00 0.0000e+00 0.0000e+00 -9.1772e-01 3.5986e+00 -1.0750e+00  
1858 0.0000e+00 0.0000e+00 0.0000e+00 -2.5043e+00 4.6949e+00 -1.1667e+00  
1598 0.0000e+00 0.0000e+00 0.0000e+00 -6.2778e+00 1.2892e+01 -1.4971e+00

716 1596 0.0000e+00 0.0000e+00 0.0000e+00 -1.0431e+01 -1.5132e+01 -3.8043e-01  
1856 0.0000e+00 0.0000e+00 0.0000e+00 -9.0491e-01 -2.4851e+00 -6.6619e-01  
1857 0.0000e+00 0.0000e+00 0.0000e+00 -3.9243e+00 -2.4024e-01 -1.2820e+00  
1597 0.0000e+00 0.0000e+00 0.0000e+00 -7.9201e+00 1.3793e+01 -9.9620e-01

717 1595 0.0000e+00 0.0000e+00 0.0000e+00 -1.3055e+01 -2.9592e+01 1.3931e+00  
1855 0.0000e+00 0.0000e+00 0.0000e+00 -7.9910e-01 -1.1433e+01 8.5441e-01  
1856 0.0000e+00 0.0000e+00 0.0000e+00 -5.3684e+00 -8.3764e+00 -4.8693e-01  
1596 0.0000e+00 0.0000e+00 0.0000e+00 -9.4436e+00 1.2801e+01 5.1785e-02

718 1594 0.0000e+00 0.0000e+00 0.0000e+00 -1.6445e+01 -4.8638e+01 3.6939e+00  
1854 0.0000e+00 0.0000e+00 0.0000e+00 2.9325e-01 -2.1407e+01 2.4326e+00

		1855	0.0000e+00	0.0000e+00	0.0000e+00	-6.6404e+00	-2.0026e+01	1.0407e+00
		1595	0.0000e+00	0.0000e+00	0.0000e+00	-1.1754e+01	1.0337e+01	2.3019e+00
719	30	0.0000e+00	0.0000e+00	0.0000e+00	-1.2855e+01	-7.5050e+01	-9.5092e-01	
	85	0.0000e+00	0.0000e+00	0.0000e+00	1.0799e+01	-1.0390e+01	-9.9897e+00	
	1854	0.0000e+00	0.0000e+00	0.0000e+00	-2.9681e+00	-3.4631e+01	-1.1810e+00	
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-1.5157e+01	1.0209e+01	7.8578e+00	
720	1853	0.0000e+00	0.0000e+00	0.0000e+00	-7.8042e+00	8.1034e+00	9.6508e+00	
	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.5134e+01	6.8486e+00	1.3745e+00	
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3681e+01	6.0983e+00	8.4907e+00	
	70	0.0000e+00	0.0000e+00	0.0000e+00	-2.3970e+01	-1.1168e+01	1.6767e+01	
721	1852	0.0000e+00	0.0000e+00	0.0000e+00	-3.5823e+00	5.9292e+00	1.9388e+00	
	955	0.0000e+00	0.0000e+00	0.0000e+00	-1.1833e+01	5.9426e+00	3.8019e-01	
	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.4720e+01	9.4173e+00	2.5423e+00	
	1853	0.0000e+00	0.0000e+00	0.0000e+00	-3.4666e+00	4.5660e+00	4.1009e+00	
722	1851	0.0000e+00	0.0000e+00	0.0000e+00	-2.3877e+00	4.0533e+00	1.9388e-01	
	953	0.0000e+00	0.0000e+00	0.0000e+00	-1.1902e+01	-1.8902e+00	-4.5922e-01	
	955	0.0000e+00	0.0000e+00	0.0000e+00	-1.1286e+01	1.3451e+01	7.3277e-01	
	1852	0.0000e+00	0.0000e+00	0.0000e+00	-4.1650e+00	4.8255e+00	1.3859e+00	
723	1850	0.0000e+00	0.0000e+00	0.0000e+00	-1.9576e+00	-1.8313e+00	-1.7426e+00	
	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.3681e+01	-1.3612e+01	-2.0891e+00	
	953	0.0000e+00	0.0000e+00	0.0000e+00	-1.1204e+01	1.5552e+01	-6.0529e-01	
	1851	0.0000e+00	0.0000e+00	0.0000e+00	-5.0501e+00	4.3318e-01	-2.5883e-01	
724	1849	0.0000e+00	0.0000e+00	0.0000e+00	-2.1475e+00	-1.1448e+01	-4.8825e+00	
	949	0.0000e+00	0.0000e+00	0.0000e+00	-1.7537e+01	-2.9535e+01	-4.7800e+00	
	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.2763e+01	1.5446e+01	-2.3901e+00	
	1850	0.0000e+00	0.0000e+00	0.0000e+00	-6.7390e+00	-8.0188e+00	-2.4927e+00	
725	1848	0.0000e+00	0.0000e+00	0.0000e+00	-1.1767e+00	-2.2098e+01	-8.6967e+00	
	947	0.0000e+00	0.0000e+00	0.0000e+00	-2.5388e+01	-5.0990e+01	-8.1557e+00	
	949	0.0000e+00	0.0000e+00	0.0000e+00	-1.6676e+01	1.4048e+01	-5.2909e+00	
	1849	0.0000e+00	0.0000e+00	0.0000e+00	-8.9275e+00	-2.1290e+01	-5.8319e+00	
726	69	0.0000e+00	0.0000e+00	0.0000e+00	-9.6409e+00	-7.0060e+00	1.5525e+00	
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.8429e+01	-8.0086e+01	-9.1252e-01	
	947	0.0000e+00	0.0000e+00	0.0000e+00	-2.5716e+01	1.4675e+01	-1.1908e+01	
	1848	0.0000e+00	0.0000e+00	0.0000e+00	-6.7358e+00	-3.3665e+01	-9.4435e+00	
727	1557	0.0000e+00	0.0000e+00	0.0000e+00	-1.6210e+00	4.2055e+00	2.6700e+00	
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-6.2830e+00	6.6661e+00	-2.0069e-01	
	81	0.0000e+00	0.0000e+00	0.0000e+00	-2.0277e-01	-2.5294e+01	-1.4106e+01	
	26	0.0000e+00	0.0000e+00	0.0000e+00	-1.2805e+01	8.4542e+00	-1.1236e+01	
728	1556	0.0000e+00	0.0000e+00	0.0000e+00	-5.4109e+00	4.4256e+00	6.5815e-01	
	1846	0.0000e+00	0.0000e+00	0.0000e+00	-1.2261e+00	9.6463e+00	1.1431e+00	
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-2.2544e+00	6.2307e+00	1.1142e+00	
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-3.5204e+00	1.1516e+01	6.2928e-01	
729	1555	0.0000e+00	0.0000e+00	0.0000e+00	-7.5191e+00	-2.5661e+00	-1.4730e-01	
	1845	0.0000e+00	0.0000e+00	0.0000e+00	-7.9283e-01	6.1977e+00	4.1630e-02	
	1846	0.0000e+00	0.0000e+00	0.0000e+00	-2.4405e+00	7.2733e+00	7.9278e-01	
	1556	0.0000e+00	0.0000e+00	0.0000e+00	-5.5355e+00	1.4347e+01	6.0385e-01	
730	1554	0.0000e+00	0.0000e+00	0.0000e+00	-9.5093e+00	-1.3887e+01	-2.7849e-01	
	1844	0.0000e+00	0.0000e+00	0.0000e+00	-6.8932e-01	3.0209e-02	-5.8318e-01	
	1845	0.0000e+00	0.0000e+00	0.0000e+00	-3.7841e+00	2.3318e+00	-3.4298e-01	
	1555	0.0000e+00	0.0000e+00	0.0000e+00	-6.9562e+00	1.5709e+01	-3.8296e-02	
731	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.2391e+01	-2.9108e+01	3.8479e-01	
	1843	0.0000e+00	0.0000e+00	0.0000e+00	-6.7116e-01	-9.2420e+00	-5.0154e-02	
	1844	0.0000e+00	0.0000e+00	0.0000e+00	-5.3300e+00	-6.0508e+00	-5.7683e-01	
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-8.5055e+00	1.5000e+01	-1.4189e-01	
732	1552	0.0000e+00	0.0000e+00	0.0000e+00	-1.6581e+01	-4.9399e+01	1.6853e+00	
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-6.3604e-01	-2.0354e+01	1.1245e+00	
	1843	0.0000e+00	0.0000e+00	0.0000e+00	-7.0915e+00	-1.8113e+01	2.8181e-01	
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.1122e+01	1.2828e+01	8.4261e-01	
733	25	0.0000e+00	0.0000e+00	0.0000e+00	-2.2650e+01	-7.8821e+01	-2.5461e+00	
	80	0.0000e+00	0.0000e+00	0.0000e+00	1.2882e+01	-1.3752e+01	-8.9644e+00	
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-5.5338e+00	-3.5843e+01	-2.1889e+00	
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-1.5645e+01	1.3981e+01	4.2293e+00	
734	1515	0.0000e+00	0.0000e+00	0.0000e+00	-5.5457e+00	4.9894e+01	1.6283e+00	

	1841	0.0000e+00	0.0000e+00	0.0000e+00	-6.1098e+00	4.9646e+01	1.3938e-01
	88	0.0000e+00	0.0000e+00	0.0000e+00	-5.1883e+00	2.0752e+01	-1.1072e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-9.1142e+00	4.5729e+01	-9.5830e+00
735	1514	0.0000e+00	0.0000e+00	0.0000e+00	-7.9297e+00	4.8547e+01	1.9349e+00
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-1.8569e+00	5.0790e+01	2.0673e+00
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-2.0473e+00	4.8652e+01	1.5496e+00
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-7.5040e+00	5.2060e+01	1.4172e+00
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	-8.0193e+00	4.0945e+01	2.2526e+00
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-1.0222e+00	4.8082e+01	1.4782e+00
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-2.7013e+00	4.9297e+01	1.5914e+00
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-7.7170e+00	5.6179e+01	2.3659e+00
737	1512	0.0000e+00	0.0000e+00	0.0000e+00	-7.2296e+00	3.0296e+01	2.6625e+00
	1838	0.0000e+00	0.0000e+00	0.0000e+00	-2.7569e-01	4.2938e+01	1.0533e+00
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-3.3210e+00	4.4925e+01	1.1054e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-7.0450e+00	5.7449e+01	2.7146e+00
738	1511	0.0000e+00	0.0000e+00	0.0000e+00	-6.4417e+00	1.8066e+01	2.7668e+00
	1837	0.0000e+00	0.0000e+00	0.0000e+00	4.5865e-01	3.5581e+01	7.8072e-01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	-3.7232e+00	3.8085e+01	8.6832e-01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-5.7907e+00	5.5404e+01	2.8544e+00
739	1510	0.0000e+00	0.0000e+00	0.0000e+00	-6.2467e+00	4.6266e+00	2.6564e+00
	1836	0.0000e+00	0.0000e+00	0.0000e+00	1.0142e+00	2.6124e+01	6.4147e-01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	-4.0830e+00	2.9185e+01	7.1555e-01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-4.7317e+00	5.0516e+01	2.7305e+00
740	1509	0.0000e+00	0.0000e+00	0.0000e+00	-7.0882e+00	-1.0147e+01	2.6834e+00
	1835	0.0000e+00	0.0000e+00	0.0000e+00	1.2943e+00	1.4610e+01	8.7909e-01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	-4.6120e+00	1.8304e+01	6.9968e-01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-4.3895e+00	4.3465e+01	2.5040e+00
741	1508	0.0000e+00	0.0000e+00	0.0000e+00	-9.2673e+00	-2.6851e+01	3.3575e+00
	1834	0.0000e+00	0.0000e+00	0.0000e+00	1.3455e+00	1.1205e+00	1.8468e+00
	1835	0.0000e+00	0.0000e+00	0.0000e+00	-5.4535e+00	5.3234e+00	1.1037e+00
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-5.1540e+00	3.4967e+01	2.6144e+00
742	1507	0.0000e+00	0.0000e+00	0.0000e+00	-1.2475e+01	-4.6735e+01	4.5811e+00
	1833	0.0000e+00	0.0000e+00	0.0000e+00	2.4817e+00	-1.2183e+01	2.5908e+00
	1834	0.0000e+00	0.0000e+00	0.0000e+00	-6.2296e+00	-1.0119e+01	1.8837e+00
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-7.3014e+00	2.6024e+01	3.8740e+00
743	32	0.0000e+00	0.0000e+00	0.0000e+00	-6.2748e+00	-7.2416e+01	-1.3094e+00
	87	0.0000e+00	0.0000e+00	0.0000e+00	1.1312e+01	-2.9764e+00	-1.1160e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-1.8106e+00	-2.6619e+01	-1.1334e+00
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-1.0665e+01	2.0260e+01	8.7174e+00
744	1446	0.0000e+00	0.0000e+00	0.0000e+00	4.6725e+00	1.5779e+01	-1.5258e+00
	1832	0.0000e+00	0.0000e+00	0.0000e+00	1.1694e+00	3.6514e+01	-1.7111e+00
	87	0.0000e+00	0.0000e+00	0.0000e+00	-4.8071e+00	8.3037e+00	-9.7817e+00
	32	0.0000e+00	0.0000e+00	0.0000e+00	1.0287e+01	4.5547e+01	-9.5964e+00
745	1445	0.0000e+00	0.0000e+00	0.0000e+00	3.3434e-01	1.9307e+01	-3.0065e+00
	1831	0.0000e+00	0.0000e+00	0.0000e+00	1.7413e+00	2.9594e+01	-1.7736e+00
	1832	0.0000e+00	0.0000e+00	0.0000e+00	1.2019e+00	2.8508e+01	-9.2966e-01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	3.2849e+00	3.7069e+01	-2.1626e+00
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	-1.7825e+00	1.5365e+01	-4.3272e+00
	1830	0.0000e+00	0.0000e+00	0.0000e+00	1.0782e+00	2.5316e+01	-4.1330e+00
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-9.3101e-01	2.6169e+01	-2.8848e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	6.0649e-01	3.3567e+01	-3.0790e+00
747	1443	0.0000e+00	0.0000e+00	0.0000e+00	-3.1182e+00	8.6816e+00	-5.4504e+00
	1829	0.0000e+00	0.0000e+00	0.0000e+00	8.6744e-01	2.0341e+01	-5.7443e+00
	1830	0.0000e+00	0.0000e+00	0.0000e+00	-1.8298e+00	2.1430e+01	-4.7351e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-9.9557e-01	3.1026e+01	-4.4413e+00
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	-4.5410e+00	-3.0904e-01	-6.4396e+00
	1828	0.0000e+00	0.0000e+00	0.0000e+00	8.8772e-01	1.4110e+01	-6.9440e+00
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-2.6379e+00	1.5482e+01	-6.1331e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-2.0019e+00	2.8243e+01	-5.6287e+00
749	1441	0.0000e+00	0.0000e+00	0.0000e+00	-6.5257e+00	-1.1983e+01	-7.1292e+00
	1827	0.0000e+00	0.0000e+00	0.0000e+00	9.6704e-01	5.9587e+00	-7.7118e+00
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-3.6060e+00	7.8605e+00	-7.1985e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-3.0920e+00	2.4752e+01	-6.6158e+00

750 1440 0.0000e+00 0.0000e+00 0.0000e+00 -9.4956e+00 -2.7093e+01 -7.1503e+00  
1826 0.0000e+00 0.0000e+00 0.0000e+00 1.0072e+00 -4.8379e+00 -7.7203e+00  
1827 0.0000e+00 0.0000e+00 0.0000e+00 -4.9199e+00 -2.1201e+00 -7.7929e+00  
1441 0.0000e+00 0.0000e+00 0.0000e+00 -4.6832e+00 2.0284e+01 -7.2230e+00

751 1439 0.0000e+00 0.0000e+00 0.0000e+00 -1.3887e+01 -4.6808e+01 -5.9259e+00  
1825 0.0000e+00 0.0000e+00 0.0000e+00 9.6689e-01 -1.9017e+01 -6.4331e+00  
1826 0.0000e+00 0.0000e+00 0.0000e+00 -6.7465e+00 -1.5341e+01 -7.5145e+00  
1440 0.0000e+00 0.0000e+00 0.0000e+00 -7.1658e+00 1.4662e+01 -7.0073e+00

752 1438 0.0000e+00 0.0000e+00 0.0000e+00 -1.8950e+01 -7.2952e+01 -3.3767e+00  
1824 0.0000e+00 0.0000e+00 0.0000e+00 5.8725e-01 -3.5656e+01 -4.1925e+00  
1825 0.0000e+00 0.0000e+00 0.0000e+00 -8.9709e+00 -3.2795e+01 -5.8855e+00  
1439 0.0000e+00 0.0000e+00 0.0000e+00 -1.0987e+01 7.9642e+00 -5.0697e+00

753 31 0.0000e+00 0.0000e+00 0.0000e+00 -2.0739e+01 -1.0971e+02 -5.6178e+00  
86 0.0000e+00 0.0000e+00 0.0000e+00 1.5020e+01 -3.3626e+01 -1.4544e+01  
1824 0.0000e+00 0.0000e+00 0.0000e+00 -7.8004e+00 -5.8392e+01 -7.8499e+00  
1438 0.0000e+00 0.0000e+00 0.0000e+00 -1.5375e+01 3.9980e+00 1.0767e+00

754 1823 0.0000e+00 0.0000e+00 0.0000e+00 -2.1996e+01 4.1585e+01 2.0125e+00  
692 0.0000e+00 0.0000e+00 0.0000e+00 -2.6085e+01 6.5702e+01 -1.8845e+01  
11 0.0000e+00 0.0000e+00 0.0000e+00 -5.0517e+01 1.7150e+01 -1.2405e+00  
77 0.0000e+00 0.0000e+00 0.0000e+00 -3.4643e+01 1.6579e+00 1.9617e+01

755 1822 0.0000e+00 0.0000e+00 0.0000e+00 -7.7443e+00 5.0296e+01 -1.0274e+01  
690 0.0000e+00 0.0000e+00 0.0000e+00 -1.5215e+01 6.1471e+01 -1.5420e+01  
692 0.0000e+00 0.0000e+00 0.0000e+00 -2.4928e+01 3.8792e+01 -1.3358e+01  
1823 0.0000e+00 0.0000e+00 0.0000e+00 -7.1796e+00 4.5328e+01 -8.2121e+00

756 1821 0.0000e+00 0.0000e+00 0.0000e+00 -3.5484e+00 5.3075e+01 -1.1022e+01  
688 0.0000e+00 0.0000e+00 0.0000e+00 -1.0933e+01 5.2989e+01 -1.3334e+01  
690 0.0000e+00 0.0000e+00 0.0000e+00 -1.4294e+01 5.1836e+01 -1.3847e+01  
1822 0.0000e+00 0.0000e+00 0.0000e+00 -4.2992e+00 5.2903e+01 -1.1534e+01

757 1820 0.0000e+00 0.0000e+00 0.0000e+00 -1.4881e+00 5.0822e+01 -9.9067e+00  
686 0.0000e+00 0.0000e+00 0.0000e+00 -8.5648e+00 4.1950e+01 -1.1917e+01  
688 0.0000e+00 0.0000e+00 0.0000e+00 -9.9078e+00 5.8833e+01 -1.2934e+01  
1821 0.0000e+00 0.0000e+00 0.0000e+00 -3.7184e+00 5.2252e+01 -1.0924e+01

758 1819 0.0000e+00 0.0000e+00 0.0000e+00 -1.5004e-01 4.4962e+01 -8.3955e+00  
684 0.0000e+00 0.0000e+00 0.0000e+00 -7.1639e+00 2.9050e+01 -1.0489e+01  
686 0.0000e+00 0.0000e+00 0.0000e+00 -7.1879e+00 6.0674e+01 -1.1630e+01  
1820 0.0000e+00 0.0000e+00 0.0000e+00 -3.8471e+00 4.7330e+01 -9.5368e+00

759 1818 0.0000e+00 0.0000e+00 0.0000e+00 7.3328e-01 3.6055e+01 -6.9774e+00  
682 0.0000e+00 0.0000e+00 0.0000e+00 -6.6993e+00 1.4481e+01 -9.0720e+00  
684 0.0000e+00 0.0000e+00 0.0000e+00 -5.4753e+00 5.8403e+01 -1.0136e+01  
1819 0.0000e+00 0.0000e+00 0.0000e+00 -4.2144e+00 3.9222e+01 -8.0411e+00

760 1817 0.0000e+00 0.0000e+00 0.0000e+00 1.1608e+00 2.4364e+01 -6.0575e+00  
680 0.0000e+00 0.0000e+00 0.0000e+00 -7.4575e+00 -1.9288e+00 -7.9476e+00  
682 0.0000e+00 0.0000e+00 0.0000e+00 -4.7897e+00 5.3010e+01 -8.6636e+00  
1818 0.0000e+00 0.0000e+00 0.0000e+00 -4.8674e+00 2.8329e+01 -6.7734e+00

761 1816 0.0000e+00 0.0000e+00 0.0000e+00 1.0055e+00 9.9876e+00 -6.1782e+00  
678 0.0000e+00 0.0000e+00 0.0000e+00 -1.0084e+01 -2.0836e+01 -7.5218e+00  
680 0.0000e+00 0.0000e+00 0.0000e+00 -5.4418e+00 4.5465e+01 -7.5319e+00  
1817 0.0000e+00 0.0000e+00 0.0000e+00 -6.0256e+00 1.4664e+01 -6.1883e+00

762 1815 0.0000e+00 0.0000e+00 0.0000e+00 6.7375e-01 -5.3955e+00 -7.1924e+00  
676 0.0000e+00 0.0000e+00 0.0000e+00 -1.5887e+01 -4.3825e+01 -7.6684e+00  
678 0.0000e+00 0.0000e+00 0.0000e+00 -8.2191e+00 3.7213e+01 -7.2129e+00  
1816 0.0000e+00 0.0000e+00 0.0000e+00 -7.8399e+00 -2.2406e+00 -6.7369e+00

763 76 0.0000e+00 0.0000e+00 0.0000e+00 2.4471e+00 -2.3645e+00 1.3882e+00  
10 0.0000e+00 0.0000e+00 0.0000e+00 -2.0716e+01 -7.4694e+01 -1.0553e+00  
676 0.0000e+00 0.0000e+00 0.0000e+00 -1.5182e+01 3.2793e+01 -8.9892e+00  
1815 0.0000e+00 0.0000e+00 0.0000e+00 -7.4314e+00 -2.1685e+01 -6.5457e+00

764 1814 0.0000e+00 0.0000e+00 0.0000e+00 -2.9716e+00 3.8153e+01 -6.5506e-01  
576 0.0000e+00 0.0000e+00 0.0000e+00 5.8465e-01 2.1525e+01 -8.7075e+00  
10 0.0000e+00 0.0000e+00 0.0000e+00 -5.0721e+00 4.4009e+01 -4.5759e-01  
76 0.0000e+00 0.0000e+00 0.0000e+00 -1.3062e+01 1.0506e+01 7.5949e+00

765 1813 0.0000e+00 0.0000e+00 0.0000e+00 1.1045e+00 3.2497e+01 -2.5875e+00  
574 0.0000e+00 0.0000e+00 0.0000e+00 1.2780e+00 2.1716e+01 -3.4350e+00  
576 0.0000e+00 0.0000e+00 0.0000e+00 1.0573e+00 3.8534e+01 -5.0402e+00

	1814	0.0000e+00	0.0000e+00	0.0000e+00	-3.3216e-01	3.1036e+01	-4.1927e+00
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	1.3566e+00	2.8308e+01	5.6495e-01
	572	0.0000e+00	0.0000e+00	0.0000e+00	1.7531e-01	1.7138e+01	3.3029e-01
	574	0.0000e+00	0.0000e+00	0.0000e+00	1.9959e+00	3.5315e+01	-2.1357e+00
	1813	0.0000e+00	0.0000e+00	0.0000e+00	-9.2295e-01	2.9188e+01	-1.9010e+00
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	1.2559e+00	2.3131e+01	3.4477e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	-1.3769e+00	1.0664e+01	3.2790e+00
	572	0.0000e+00	0.0000e+00	0.0000e+00	1.0236e+00	3.2510e+01	1.1317e+00
	1812	0.0000e+00	0.0000e+00	0.0000e+00	-1.4746e+00	2.4436e+01	1.3004e+00
768	1810	0.0000e+00	0.0000e+00	0.0000e+00	1.1462e+00	1.6706e+01	5.7025e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	-3.4403e+00	2.0761e+00	5.5247e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	-3.4707e-01	2.9609e+01	3.8783e+00
	1811	0.0000e+00	0.0000e+00	0.0000e+00	-2.2948e+00	1.8347e+01	4.0560e+00
769	1809	0.0000e+00	0.0000e+00	0.0000e+00	1.0283e+00	8.4088e+00	7.0952e+00
	566	0.0000e+00	0.0000e+00	0.0000e+00	-6.2112e+00	-9.2977e+00	6.9071e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	-2.1371e+00	2.6293e+01	5.9318e+00
	1810	0.0000e+00	0.0000e+00	0.0000e+00	-3.4135e+00	1.0582e+01	6.1198e+00
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	8.1432e-01	-2.5808e+00	7.2138e+00
	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.0102e+01	-2.4416e+01	7.1003e+00
	566	0.0000e+00	0.0000e+00	0.0000e+00	-4.5328e+00	2.2266e+01	7.1016e+00
	1809	0.0000e+00	0.0000e+00	0.0000e+00	-4.9767e+00	4.2842e-01	7.2151e+00
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	2.0173e-01	-1.7266e+01	5.2880e+00
	562	0.0000e+00	0.0000e+00	0.0000e+00	-1.6074e+01	-4.4665e+01	5.6004e+00
	564	0.0000e+00	0.0000e+00	0.0000e+00	-7.9801e+00	1.7318e+01	7.0877e+00
	1808	0.0000e+00	0.0000e+00	0.0000e+00	-7.2812e+00	-1.3123e+01	6.7753e+00
772	1806	0.0000e+00	0.0000e+00	0.0000e+00	-1.3820e+00	-3.5201e+01	7.2208e-01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-2.6296e+01	-7.2392e+01	2.3495e+00
	562	0.0000e+00	0.0000e+00	0.0000e+00	-1.3675e+01	1.1861e+01	5.4406e+00
	1807	0.0000e+00	0.0000e+00	0.0000e+00	-1.0820e+01	-3.1653e+01	3.8133e+00
773	75	0.0000e+00	0.0000e+00	0.0000e+00	-7.5620e+00	-3.4800e+01	4.1287e+00
	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.4872e+01	-1.1278e+02	6.0133e+00
	560	0.0000e+00	0.0000e+00	0.0000e+00	-2.5038e+01	1.0228e+01	3.5241e-01
	1806	0.0000e+00	0.0000e+00	0.0000e+00	-1.3711e+01	-5.6176e+01	-1.5322e+00
774	1805	0.0000e+00	0.0000e+00	0.0000e+00	-5.7883e+00	3.0332e+01	6.3345e+00
	459	0.0000e+00	0.0000e+00	0.0000e+00	-7.7460e+00	2.3055e+01	-4.1135e+00
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.0892e+01	2.8133e+01	2.6398e+00
	74	0.0000e+00	0.0000e+00	0.0000e+00	-2.3074e+01	7.0422e+00	1.3088e+01
775	1804	0.0000e+00	0.0000e+00	0.0000e+00	-1.2624e+00	2.6744e+01	5.7148e-01
	457	0.0000e+00	0.0000e+00	0.0000e+00	-3.2896e+00	2.3899e+01	-1.0792e+00
	459	0.0000e+00	0.0000e+00	0.0000e+00	-6.7119e+00	2.7941e+01	-9.4643e-01
	1805	0.0000e+00	0.0000e+00	0.0000e+00	-1.0681e+00	2.4824e+01	7.0426e-01
776	1803	0.0000e+00	0.0000e+00	0.0000e+00	-2.1328e-01	2.5660e+01	1.9232e+00
	455	0.0000e+00	0.0000e+00	0.0000e+00	-2.8460e+00	1.9811e+01	1.3292e+00
	457	0.0000e+00	0.0000e+00	0.0000e+00	-2.7534e+00	2.9068e+01	8.3178e-02
	1804	0.0000e+00	0.0000e+00	0.0000e+00	-1.4674e+00	2.5768e+01	6.7710e-01
777	1802	0.0000e+00	0.0000e+00	0.0000e+00	1.9846e-01	2.2515e+01	3.6468e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	-3.4406e+00	1.3723e+01	3.2713e+00
	455	0.0000e+00	0.0000e+00	0.0000e+00	-2.2012e+00	2.9363e+01	1.9324e+00
	1803	0.0000e+00	0.0000e+00	0.0000e+00	-1.7751e+00	2.3310e+01	2.3079e+00
778	1801	0.0000e+00	0.0000e+00	0.0000e+00	4.3237e-01	1.7496e+01	5.1651e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	-4.8079e+00	5.4222e+00	4.8285e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	-2.5554e+00	2.8604e+01	3.7159e+00
	1802	0.0000e+00	0.0000e+00	0.0000e+00	-2.4784e+00	1.8806e+01	4.0525e+00
779	1800	0.0000e+00	0.0000e+00	0.0000e+00	5.5146e-01	1.0196e+01	6.0799e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	-7.0452e+00	-5.6449e+00	5.7683e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	-3.6013e+00	2.6711e+01	5.1428e+00
	1801	0.0000e+00	0.0000e+00	0.0000e+00	-3.5016e+00	1.2150e+01	5.4543e+00
780	1799	0.0000e+00	0.0000e+00	0.0000e+00	4.9580e-01	-2.7973e-02	5.8829e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.0534e+01	-2.0325e+01	5.6906e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	-5.4435e+00	2.3601e+01	5.9231e+00
	1800	0.0000e+00	0.0000e+00	0.0000e+00	-4.9705e+00	2.8283e+00	6.1154e+00
781	1798	0.0000e+00	0.0000e+00	0.0000e+00	-1.6007e-02	-1.4023e+01	3.7435e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	-1.6196e+01	-3.9904e+01	4.0222e+00

	447	0.0000e+00	0.0000e+00	0.0000e+00	-8.4959e+00	1.9241e+01	5.6705e+00
	1799	0.0000e+00	0.0000e+00	0.0000e+00	-7.1709e+00	-1.0011e+01	5.3918e+00
782	1797	0.0000e+00	0.0000e+00	0.0000e+00	-1.3557e+00	-3.1090e+01	-8.8604e-01
	443	0.0000e+00	0.0000e+00	0.0000e+00	-2.6131e+01	-6.6592e+01	6.6805e-01
	445	0.0000e+00	0.0000e+00	0.0000e+00	-1.3905e+01	1.4168e+01	3.8484e+00
	1798	0.0000e+00	0.0000e+00	0.0000e+00	-1.0542e+01	-2.7840e+01	2.2943e+00
783	73	0.0000e+00	0.0000e+00	0.0000e+00	-8.8332e+00	-2.8384e+01	3.3913e+00
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.1773e+01	-1.0506e+02	4.8176e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-2.5030e+01	1.2548e+01	-1.6743e+00
	1797	0.0000e+00	0.0000e+00	0.0000e+00	-1.2787e+01	-5.0850e+01	-3.1006e+00
784	1371	0.0000e+00	0.0000e+00	0.0000e+00	2.2392e+00	1.9266e+01	1.7888e+00
	1796	0.0000e+00	0.0000e+00	0.0000e+00	-9.7271e-01	3.3578e+01	8.7660e-01
	85	0.0000e+00	0.0000e+00	0.0000e+00	-4.3372e+00	3.0894e+00	-8.7754e+00
	30	0.0000e+00	0.0000e+00	0.0000e+00	3.8198e+00	3.7144e+01	-7.8631e+00
785	1370	0.0000e+00	0.0000e+00	0.0000e+00	-1.2609e+00	2.2843e+01	2.9336e-01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	6.5726e-01	2.9430e+01	1.3299e+00
	1796	0.0000e+00	0.0000e+00	0.0000e+00	9.0951e-01	2.7707e+01	1.9158e+00
	1371	0.0000e+00	0.0000e+00	0.0000e+00	5.1389e-01	3.3096e+01	8.7927e-01
786	1369	0.0000e+00	0.0000e+00	0.0000e+00	-2.7307e+00	1.8837e+01	-9.8981e-01
	1794	0.0000e+00	0.0000e+00	0.0000e+00	4.3908e-01	2.6590e+01	-9.4322e-01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	-1.0310e+00	2.7185e+01	2.9091e-01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-1.1695e+00	3.2413e+01	2.4431e-01
787	1368	0.0000e+00	0.0000e+00	0.0000e+00	-3.5068e+00	1.2037e+01	-2.2428e+00
	1793	0.0000e+00	0.0000e+00	0.0000e+00	5.2146e-01	2.2512e+01	-2.7046e+00
	1794	0.0000e+00	0.0000e+00	0.0000e+00	-1.8665e+00	2.3466e+01	-1.5720e+00
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-2.0218e+00	3.1625e+01	-1.1102e+00
788	1367	0.0000e+00	0.0000e+00	0.0000e+00	-4.4353e+00	3.0242e+00	-3.5213e+00
	1792	0.0000e+00	0.0000e+00	0.0000e+00	7.4912e-01	1.6842e+01	-4.1923e+00
	1793	0.0000e+00	0.0000e+00	0.0000e+00	-2.5908e+00	1.8140e+01	-3.1528e+00
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-2.4075e+00	2.9831e+01	-2.4819e+00
789	1366	0.0000e+00	0.0000e+00	0.0000e+00	-5.9925e+00	-8.4569e+00	-4.6298e+00
	1791	0.0000e+00	0.0000e+00	0.0000e+00	9.6505e-01	9.1010e+00	-5.3507e+00
	1792	0.0000e+00	0.0000e+00	0.0000e+00	-3.4538e+00	1.0949e+01	-4.5267e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-2.9835e+00	2.6821e+01	-3.8058e+00
790	1365	0.0000e+00	0.0000e+00	0.0000e+00	-8.6014e+00	-2.3073e+01	-5.1691e+00
	1790	0.0000e+00	0.0000e+00	0.0000e+00	1.0767e+00	-1.2781e+00	-5.8264e+00
	1791	0.0000e+00	0.0000e+00	0.0000e+00	-4.6477e+00	1.3716e+00	-5.5250e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-4.1625e+00	2.2550e+01	-4.8677e+00
791	1364	0.0000e+00	0.0000e+00	0.0000e+00	-1.2733e+01	-4.1937e+01	-4.5387e+00
	1789	0.0000e+00	0.0000e+00	0.0000e+00	1.0366e+00	-1.4924e+01	-5.0458e+00
	1790	0.0000e+00	0.0000e+00	0.0000e+00	-6.3588e+00	-1.1341e+01	-5.7133e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-6.3297e+00	1.7037e+01	-5.2062e+00
792	1363	0.0000e+00	0.0000e+00	0.0000e+00	-1.7820e+01	-6.6900e+01	-2.5940e+00
	1788	0.0000e+00	0.0000e+00	0.0000e+00	3.7626e-01	-3.1050e+01	-3.1531e+00
	1789	0.0000e+00	0.0000e+00	0.0000e+00	-8.5654e+00	-2.8067e+01	-4.5047e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-9.9714e+00	1.0548e+01	-3.9456e+00
793	29	0.0000e+00	0.0000e+00	0.0000e+00	-2.3166e+01	-1.0249e+02	-4.5982e+00
	84	0.0000e+00	0.0000e+00	0.0000e+00	1.5372e+01	-3.0462e+01	-1.2184e+01
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-8.1151e+00	-5.3330e+01	-6.5550e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-1.4514e+01	7.1843e+00	1.0310e+00
794	1296	0.0000e+00	0.0000e+00	0.0000e+00	1.0372e+00	1.8446e+01	2.4191e+00
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-3.8042e+00	2.3547e+01	2.2113e-01
	82	0.0000e+00	0.0000e+00	0.0000e+00	-1.2411e+00	-9.6293e+00	-1.1852e+01
	27	0.0000e+00	0.0000e+00	0.0000e+00	-5.8242e+00	2.0167e+01	-9.6540e+00
795	1295	0.0000e+00	0.0000e+00	0.0000e+00	-1.9007e+00	2.2707e+01	-7.2771e-02
	1786	0.0000e+00	0.0000e+00	0.0000e+00	-5.7460e-01	2.4096e+01	9.4618e-01
	1787	0.0000e+00	0.0000e+00	0.0000e+00	7.0584e-01	2.1283e+01	1.5045e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-1.1885e+00	2.1530e+01	4.8559e-01
796	1294	0.0000e+00	0.0000e+00	0.0000e+00	-3.3382e+00	1.9685e+01	-1.6580e+00
	1785	0.0000e+00	0.0000e+00	0.0000e+00	-4.0102e-01	2.3509e+01	-1.3206e+00
	1786	0.0000e+00	0.0000e+00	0.0000e+00	-7.9277e-01	2.3614e+01	8.1511e-02
	1295	0.0000e+00	0.0000e+00	0.0000e+00	-2.2867e+00	2.4569e+01	-2.5587e-01
797	1293	0.0000e+00	0.0000e+00	0.0000e+00	-4.2237e+00	1.3395e+01	-3.1030e+00



	1784	0.0000e+00	0.0000e+00	0.0000e+00	-1.3323e-01	2.1128e+01	-3.3089e+00
	1785	0.0000e+00	0.0000e+00	0.0000e+00	-1.7335e+00	2.1753e+01	-1.9871e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	-3.0261e+00	2.6782e+01	-1.7811e+00
798	1292	0.0000e+00	0.0000e+00	0.0000e+00	-5.2345e+00	4.3212e+00	-4.5467e+00
	1783	0.0000e+00	0.0000e+00	0.0000e+00	2.5009e-01	1.6588e+01	-5.0675e+00
	1784	0.0000e+00	0.0000e+00	0.0000e+00	-2.6067e+00	1.7669e+01	-3.8305e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	-3.3961e+00	2.7406e+01	-3.3097e+00
799	1291	0.0000e+00	0.0000e+00	0.0000e+00	-6.8183e+00	-7.8257e+00	-5.8528e+00
	1782	0.0000e+00	0.0000e+00	0.0000e+00	6.2659e-01	9.4218e+00	-6.5430e+00
	1783	0.0000e+00	0.0000e+00	0.0000e+00	-3.6243e+00	1.1154e+01	-5.4886e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-3.9172e+00	2.6244e+01	-4.7984e+00
800	1290	0.0000e+00	0.0000e+00	0.0000e+00	-9.4201e+00	-2.3727e+01	-6.6698e+00
	1781	0.0000e+00	0.0000e+00	0.0000e+00	8.9923e-01	-9.5414e-01	-7.4040e+00
	1782	0.0000e+00	0.0000e+00	0.0000e+00	-4.9725e+00	1.6863e+00	-6.8126e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-4.9842e+00	2.3250e+01	-6.0784e+00
801	1289	0.0000e+00	0.0000e+00	0.0000e+00	-1.3631e+01	-4.4537e+01	-6.4301e+00
	1780	0.0000e+00	0.0000e+00	0.0000e+00	9.8561e-01	-1.5219e+01	-7.0623e+00
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-6.8678e+00	-1.1505e+01	-7.3782e+00
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-7.0142e+00	1.8459e+01	-6.7460e+00
802	1288	0.0000e+00	0.0000e+00	0.0000e+00	-1.9194e+01	-7.2256e+01	-4.9741e+00
	1779	0.0000e+00	0.0000e+00	0.0000e+00	3.8160e-02	-3.2821e+01	-5.4405e+00
	1780	0.0000e+00	0.0000e+00	0.0000e+00	-9.4253e+00	-2.9317e+01	-6.4707e+00
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-1.0643e+01	1.2225e+01	-6.0042e+00
803	26	0.0000e+00	0.0000e+00	0.0000e+00	-3.0148e+01	-1.1224e+02	-6.8795e+00
	81	0.0000e+00	0.0000e+00	0.0000e+00	1.7051e+01	-3.5766e+01	-1.3403e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-1.0186e+01	-5.7579e+01	-8.7140e+00
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-1.5669e+01	9.2993e+00	-2.1903e+00
804	1778	0.0000e+00	0.0000e+00	0.0000e+00	-5.7309e+00	2.3135e+01	7.4987e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	-8.5168e+00	2.1063e+01	-3.1885e-01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-9.4332e+00	1.6412e+01	6.1741e+00
	71	0.0000e+00	0.0000e+00	0.0000e+00	-2.0102e+01	1.0595e+00	1.3992e+01
805	1777	0.0000e+00	0.0000e+00	0.0000e+00	-2.1460e+00	2.1939e+01	2.1280e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	-4.8650e+00	2.3764e+01	1.1429e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	-8.3688e+00	1.9021e+01	1.7444e+00
	1778	0.0000e+00	0.0000e+00	0.0000e+00	-5.6857e-01	1.9616e+01	2.7295e+00
806	1776	0.0000e+00	0.0000e+00	0.0000e+00	-1.1165e+00	2.2797e+01	3.0410e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-4.4896e+00	2.0664e+01	2.7255e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	-4.8101e+00	2.3008e+01	1.9495e+00
	1777	0.0000e+00	0.0000e+00	0.0000e+00	-1.4130e+00	2.2463e+01	2.2650e+00
807	1775	0.0000e+00	0.0000e+00	0.0000e+00	-5.7152e-01	2.1068e+01	4.2894e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-5.0796e+00	1.4921e+01	4.0756e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-4.1619e+00	2.5774e+01	3.1342e+00
	1776	0.0000e+00	0.0000e+00	0.0000e+00	-1.9073e+00	2.1553e+01	3.3480e+00
808	1774	0.0000e+00	0.0000e+00	0.0000e+00	-1.9106e-01	1.6899e+01	5.3633e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-6.5056e+00	6.4132e+00	5.1308e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-4.3923e+00	2.6991e+01	4.3750e+00
	1775	0.0000e+00	0.0000e+00	0.0000e+00	-2.7592e+00	1.8051e+01	4.6075e+00
809	1773	0.0000e+00	0.0000e+00	0.0000e+00	6.2719e-02	9.8716e+00	5.8279e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	-8.8930e+00	-5.4120e+00	5.5725e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-5.3878e+00	2.6571e+01	5.3101e+00
	1774	0.0000e+00	0.0000e+00	0.0000e+00	-3.9420e+00	1.1824e+01	5.5655e+00
810	1772	0.0000e+00	0.0000e+00	0.0000e+00	1.3696e-01	-6.6887e-01	5.1238e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.2617e+01	-2.1425e+01	4.9299e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	-7.2692e+00	2.4425e+01	5.5793e+00
	1773	0.0000e+00	0.0000e+00	0.0000e+00	-5.5903e+00	2.3410e+00	5.7733e+00
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	-2.0827e-01	-1.5561e+01	2.4027e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-1.8501e+01	-4.2930e+01	2.5620e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.0432e+01	2.0498e+01	4.7091e+00
	1772	0.0000e+00	0.0000e+00	0.0000e+00	-7.9657e+00	-1.1262e+01	4.5498e+00
812	1770	0.0000e+00	0.0000e+00	0.0000e+00	-9.8474e-01	-3.3842e+01	-2.6504e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	-2.8241e+01	-7.2066e+01	-1.6380e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-1.5891e+01	1.5227e+01	2.0208e+00
	1771	0.0000e+00	0.0000e+00	0.0000e+00	-1.1355e+01	-3.0481e+01	1.0083e+00

813 70 0.0000e+00 0.0000e+00 0.0000e+00 -8.4968e+00 -3.0489e+01 3.2463e+00  
4 0.0000e+00 0.0000e+00 0.0000e+00 -2.8640e+01 -1.1296e+02 2.2892e+00  
326 0.0000e+00 0.0000e+00 0.0000e+00 -2.6478e+01 1.2377e+01 -5.2711e+00  
1770 0.0000e+00 0.0000e+00 0.0000e+00 -1.2531e+01 -5.4626e+01 -4.3140e+00

814 1769 0.0000e+00 0.0000e+00 0.0000e+00 -4.1222e+00 3.1761e+01 7.3106e+00  
233 0.0000e+00 0.0000e+00 0.0000e+00 -8.3070e+00 2.2906e+01 -1.7273e-02  
3 0.0000e+00 0.0000e+00 0.0000e+00 -3.5046e+00 2.9921e+01 5.1970e+00  
69 0.0000e+00 0.0000e+00 0.0000e+00 -2.3255e+01 1.0400e+01 1.2525e+01

815 1768 0.0000e+00 0.0000e+00 0.0000e+00 -1.3942e+00 2.6911e+01 1.7926e+00  
231 0.0000e+00 0.0000e+00 0.0000e+00 -5.1215e+00 2.4587e+01 8.0195e-01  
233 0.0000e+00 0.0000e+00 0.0000e+00 -7.7774e+00 2.9033e+01 1.4603e+00  
1769 0.0000e+00 0.0000e+00 0.0000e+00 -6.7562e-01 2.5362e+01 2.4510e+00

816 1767 0.0000e+00 0.0000e+00 0.0000e+00 -5.9612e-01 2.5699e+01 2.5797e+00  
229 0.0000e+00 0.0000e+00 0.0000e+00 -5.0130e+00 1.9908e+01 2.0728e+00  
231 0.0000e+00 0.0000e+00 0.0000e+00 -4.6696e+00 3.0517e+01 1.5160e+00  
1768 0.0000e+00 0.0000e+00 0.0000e+00 -1.9308e+00 2.5866e+01 2.0229e+00

817 1766 0.0000e+00 0.0000e+00 0.0000e+00 -1.6045e-01 2.1998e+01 3.4462e+00  
227 0.0000e+00 0.0000e+00 0.0000e+00 -5.8205e+00 1.2541e+01 3.0382e+00  
229 0.0000e+00 0.0000e+00 0.0000e+00 -4.2950e+00 3.1139e+01 2.4194e+00  
1767 0.0000e+00 0.0000e+00 0.0000e+00 -2.4837e+00 2.2948e+01 2.8274e+00

818 1765 0.0000e+00 0.0000e+00 0.0000e+00 1.4171e-01 1.5917e+01 3.9865e+00  
225 0.0000e+00 0.0000e+00 0.0000e+00 -7.4981e+00 2.3490e+00 3.5785e+00  
227 0.0000e+00 0.0000e+00 0.0000e+00 -4.7611e+00 3.0437e+01 3.2515e+00  
1766 0.0000e+00 0.0000e+00 0.0000e+00 -3.3932e+00 1.7538e+01 3.6595e+00

819 1764 0.0000e+00 0.0000e+00 0.0000e+00 3.3400e-01 6.9682e+00 3.7580e+00  
223 0.0000e+00 0.0000e+00 0.0000e+00 -1.0165e+01 -1.1267e+01 3.3326e+00  
225 0.0000e+00 0.0000e+00 0.0000e+00 -6.0151e+00 2.8246e+01 3.6245e+00  
1765 0.0000e+00 0.0000e+00 0.0000e+00 -4.6477e+00 9.4137e+00 4.0499e+00

820 1763 0.0000e+00 0.0000e+00 0.0000e+00 3.7114e-01 -5.5539e+00 2.1873e+00  
221 0.0000e+00 0.0000e+00 0.0000e+00 -1.4153e+01 -2.9223e+01 1.7985e+00  
223 0.0000e+00 0.0000e+00 0.0000e+00 -8.1643e+00 2.4405e+01 3.1439e+00  
1764 0.0000e+00 0.0000e+00 0.0000e+00 -6.3777e+00 -2.0158e+00 3.5327e+00

821 1762 0.0000e+00 0.0000e+00 0.0000e+00 4.8012e-02 -2.2508e+01 -1.5589e+00  
219 0.0000e+00 0.0000e+00 0.0000e+00 -2.0182e+01 -5.2831e+01 -1.6802e+00  
221 0.0000e+00 0.0000e+00 0.0000e+00 -1.1556e+01 1.8765e+01 1.3012e+00  
1763 0.0000e+00 0.0000e+00 0.0000e+00 -8.8156e+00 -1.7656e+01 1.4225e+00

822 1761 0.0000e+00 0.0000e+00 0.0000e+00 -6.1258e-01 -4.2818e+01 -7.6532e+00  
217 0.0000e+00 0.0000e+00 0.0000e+00 -2.9580e+01 -8.4120e+01 -7.1655e+00  
219 0.0000e+00 0.0000e+00 0.0000e+00 -1.7091e+01 1.1606e+01 -2.6294e+00  
1762 0.0000e+00 0.0000e+00 0.0000e+00 -1.2148e+01 -3.8974e+01 -3.1170e+00

823 68 0.0000e+00 0.0000e+00 0.0000e+00 -5.2146e+00 -4.0255e+01 -1.7705e+00  
2 0.0000e+00 0.0000e+00 0.0000e+00 -2.9115e+01 -1.2683e+02 -4.5730e+00  
217 0.0000e+00 0.0000e+00 0.0000e+00 -2.7132e+01 6.6025e+00 -1.1561e+01  
1761 0.0000e+00 0.0000e+00 0.0000e+00 -1.2678e+01 -6.5682e+01 -8.7589e+00

824 1760 0.0000e+00 0.0000e+00 0.0000e+00 -7.9775e+00 -5.4947e+00 1.5381e+00  
117 0.0000e+00 0.0000e+00 0.0000e+00 -1.4025e+01 -1.5217e+00 -5.4198e+00  
2 0.0000e+00 0.0000e+00 0.0000e+00 -1.3201e+01 -1.1497e+01 3.3727e+00  
68 0.0000e+00 0.0000e+00 0.0000e+00 -2.1171e+01 -2.7307e+01 1.0331e+01

825 1759 0.0000e+00 0.0000e+00 0.0000e+00 -3.7201e+00 -4.7224e+00 -6.2665e+00  
115 0.0000e+00 0.0000e+00 0.0000e+00 -1.0205e+01 5.7010e-01 -7.7882e+00  
117 0.0000e+00 0.0000e+00 0.0000e+00 -1.4230e+01 -6.3779e+00 -5.0946e+00  
1760 0.0000e+00 0.0000e+00 0.0000e+00 -2.4000e+00 -7.1461e+00 -3.5729e+00

826 1758 0.0000e+00 0.0000e+00 0.0000e+00 -2.2210e+00 -3.3938e+00 -7.8803e+00  
113 0.0000e+00 0.0000e+00 0.0000e+00 -8.2684e+00 -3.4326e+00 -9.0204e+00  
115 0.0000e+00 0.0000e+00 0.0000e+00 -9.8552e+00 -1.0385e+00 -7.8391e+00  
1759 0.0000e+00 0.0000e+00 0.0000e+00 -2.6611e+00 -3.7351e+00 -6.6990e+00

827 1757 0.0000e+00 0.0000e+00 0.0000e+00 -1.1897e+00 -4.8951e+00 -8.7111e+00  
111 0.0000e+00 0.0000e+00 0.0000e+00 -6.8027e+00 -9.6664e+00 -9.9860e+00  
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1758 0.0000e+00 0.0000e+00 0.0000e+00 -2.5962e+00 -4.2059e+00 -8.0422e+00

828 1756 0.0000e+00 0.0000e+00 0.0000e+00 -3.5637e-01 -8.5028e+00 -9.1759e+00  
109 0.0000e+00 0.0000e+00 0.0000e+00 -5.6114e+00 -1.7296e+01 -1.0648e+01  
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1757 0.0000e+00 0.0000e+00 0.0000e+00 -2.6756e+00 -7.1261e+00 -8.7559e+00

829 1755 0.0000e+00 0.0000e+00 0.0000e+00 3.0393e-01 -1.3896e+01 -9.5467e+00  
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109 0.0000e+00 0.0000e+00 0.0000e+00 -4.4762e+00 7.4847e-01 -1.0813e+01  
1756 0.0000e+00 0.0000e+00 0.0000e+00 -2.7525e+00 -1.1947e+01 -9.2067e+00

830 1754 0.0000e+00 0.0000e+00 0.0000e+00 7.6352e-01 -2.0751e+01 -1.0072e+01  
105 0.0000e+00 0.0000e+00 0.0000e+00 -4.1039e+00 -3.4889e+01 -1.1688e+01  
107 0.0000e+00 0.0000e+00 0.0000e+00 -3.3686e+00 -3.1958e+00 -1.1251e+01  
1755 0.0000e+00 0.0000e+00 0.0000e+00 -2.8458e+00 -1.8319e+01 -9.6339e+00

831 1753 0.0000e+00 0.0000e+00 0.0000e+00 1.0093e+00 -2.8566e+01 -1.0963e+01  
103 0.0000e+00 0.0000e+00 0.0000e+00 -4.0917e+00 -4.4265e+01 -1.2440e+01  
105 0.0000e+00 0.0000e+00 0.0000e+00 -2.7190e+00 -8.7414e+00 -1.1765e+01  
1754 0.0000e+00 0.0000e+00 0.0000e+00 -2.9894e+00 -2.5960e+01 -1.0287e+01

832 1752 0.0000e+00 0.0000e+00 0.0000e+00 2.2115e+00 -3.4508e+01 -1.1119e+01  
101 0.0000e+00 0.0000e+00 0.0000e+00 -4.8137e+00 -5.4116e+01 -1.2836e+01  
103 0.0000e+00 0.0000e+00 0.0000e+00 -2.8289e+00 -1.4862e+01 -1.2725e+01  
1753 0.0000e+00 0.0000e+00 0.0000e+00 -2.8258e+00 -3.4719e+01 -1.1008e+01

833 67 0.0000e+00 0.0000e+00 0.0000e+00 3.1410e+00 -1.6201e+01 2.4483e+00  
1 0.0000e+00 0.0000e+00 0.0000e+00 5.0937e+00 -6.4332e+01 -3.5988e+00  
101 0.0000e+00 0.0000e+00 0.0000e+00 -4.5118e+00 -1.8975e+01 -1.5271e+01  
1752 0.0000e+00 0.0000e+00 0.0000e+00 1.9960e+00 -4.0844e+01 -9.2237e+00

834 1221 0.0000e+00 0.0000e+00 0.0000e+00 1.7403e+00 2.2351e+01 6.6486e+00  
1751 0.0000e+00 0.0000e+00 0.0000e+00 -3.3000e+00 3.2789e+01 3.2224e+00  
80 0.0000e+00 0.0000e+00 0.0000e+00 -2.4464e+00 -4.9509e-01 -8.5809e+00  
25 0.0000e+00 0.0000e+00 0.0000e+00 -5.8134e+00 3.4086e+01 -5.1547e+00

835 1220 0.0000e+00 0.0000e+00 0.0000e+00 -1.0766e+00 2.4476e+01 3.0162e+00  
1750 0.0000e+00 0.0000e+00 0.0000e+00 2.8735e-01 3.0883e+01 3.6136e+00  
1751 0.0000e+00 0.0000e+00 0.0000e+00 2.0524e-01 2.8647e+01 4.6989e+00  
1221 0.0000e+00 0.0000e+00 0.0000e+00 1.7391e-01 3.2835e+01 4.1014e+00

836 1219 0.0000e+00 0.0000e+00 0.0000e+00 -2.6636e+00 1.9704e+01 7.8416e-01  
1749 0.0000e+00 0.0000e+00 0.0000e+00 4.1109e-01 2.7989e+01 8.6214e-01  
1750 0.0000e+00 0.0000e+00 0.0000e+00 -1.1289e+00 2.8670e+01 2.6747e+00  
1220 0.0000e+00 0.0000e+00 0.0000e+00 -9.7113e-01 3.3248e+01 2.5967e+00

837 1218 0.0000e+00 0.0000e+00 0.0000e+00 -3.7614e+00 1.1919e+01 -1.0828e+00  
1748 0.0000e+00 0.0000e+00 0.0000e+00 5.6877e-01 2.3547e+01 -1.4839e+00  
1749 0.0000e+00 0.0000e+00 0.0000e+00 -2.0413e+00 2.4682e+01 1.1150e-01  
1219 0.0000e+00 0.0000e+00 0.0000e+00 -1.9358e+00 3.3047e+01 5.1264e-01

838 1217 0.0000e+00 0.0000e+00 0.0000e+00 -5.0100e+00 1.5093e+00 -2.7637e+00  
1747 0.0000e+00 0.0000e+00 0.0000e+00 8.3723e-01 1.7156e+01 -3.4382e+00  
1748 0.0000e+00 0.0000e+00 0.0000e+00 -2.9186e+00 1.8697e+01 -2.0595e+00  
1218 0.0000e+00 0.0000e+00 0.0000e+00 -2.5734e+00 3.1523e+01 -1.3850e+00

839 1216 0.0000e+00 0.0000e+00 0.0000e+00 -6.8436e+00 -1.1889e+01 -4.1280e+00  
1746 0.0000e+00 0.0000e+00 0.0000e+00 1.1066e+00 8.3068e+00 -4.9445e+00  
1747 0.0000e+00 0.0000e+00 0.0000e+00 -3.9599e+00 1.0464e+01 -3.8782e+00  
1217 0.0000e+00 0.0000e+00 0.0000e+00 -3.3737e+00 2.8479e+01 -3.0617e+00

840 1215 0.0000e+00 0.0000e+00 0.0000e+00 -9.6927e+00 -2.9026e+01 -4.8212e+00  
1745 0.0000e+00 0.0000e+00 0.0000e+00 1.2810e+00 -3.6374e+00 -5.6676e+00  
1746 0.0000e+00 0.0000e+00 0.0000e+00 -5.3492e+00 -5.8648e-01 -5.1950e+00  
1216 0.0000e+00 0.0000e+00 0.0000e+00 -4.7177e+00 2.3836e+01 -4.3486e+00

841 1214 0.0000e+00 0.0000e+00 0.0000e+00 -1.4181e+01 -5.1128e+01 -4.2716e+00  
1744 0.0000e+00 0.0000e+00 0.0000e+00 1.2641e+00 -1.9436e+01 -4.9916e+00  
1745 0.0000e+00 0.0000e+00 0.0000e+00 -7.3151e+00 -1.5285e+01 -5.5714e+00  
1215 0.0000e+00 0.0000e+00 0.0000e+00 -7.0100e+00 1.7593e+01 -4.8514e+00

842 1213 0.0000e+00 0.0000e+00 0.0000e+00 -2.0252e+01 -8.0307e+01 -2.2476e+00  
1743 0.0000e+00 0.0000e+00 0.0000e+00 -1.0091e-01 -3.8907e+01 -2.5848e+00  
1744 0.0000e+00 0.0000e+00 0.0000e+00 -1.0080e+01 -3.4560e+01 -4.1634e+00  
1214 0.0000e+00 0.0000e+00 0.0000e+00 -1.0933e+01 1.0069e+01 -3.8261e+00

843 24 0.0000e+00 0.0000e+00 0.0000e+00 -3.6662e+01 -1.2249e+02 -2.0391e+00  
79 0.0000e+00 0.0000e+00 0.0000e+00 1.8595e+01 -4.6764e+01 -7.3574e+00  
1743 0.0000e+00 0.0000e+00 0.0000e+00 -1.1998e+01 -6.5435e+01 -5.3954e+00  
1213 0.0000e+00 0.0000e+00 0.0000e+00 -1.6470e+01 6.2811e+00 -7.7099e-02

844 1152 0.0000e+00 0.0000e+00 0.0000e+00 -2.6054e+00 2.1837e+00 1.1647e+01  
1742 0.0000e+00 0.0000e+00 0.0000e+00 -8.2733e+00 -3.8005e+00 7.7087e+00

	79	0.0000e+00	0.0000e+00	0.0000e+00	2.1070e+00	-3.6615e+01	-8.2071e+00
	24	0.0000e+00	0.0000e+00	0.0000e+00	-1.9987e+01	-6.7884e+00	-4.2688e+00
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	-4.8331e+00	3.7844e+00	9.8154e+00
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-1.9920e+00	3.2739e+00	9.8128e+00
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-2.3322e+00	-1.2216e+00	9.2059e+00
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-4.4975e+00	-3.6654e-01	9.2085e+00
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	-5.2637e+00	-2.7248e-01	9.2462e+00
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-9.9490e-01	2.7272e+00	9.0723e+00
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-1.4743e+00	2.8641e+00	9.7018e+00
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-5.0935e+00	4.4473e+00	9.8757e+00
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	-4.8837e+00	-7.2975e+00	8.7668e+00
	1739	0.0000e+00	0.0000e+00	0.0000e+00	-3.7172e-01	2.5759e-01	7.8689e+00
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-2.0098e+00	1.2854e+00	8.5680e+00
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-4.8419e+00	7.2677e+00	9.4659e+00
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	-4.1306e+00	-1.6005e+01	8.0821e+00
	1738	0.0000e+00	0.0000e+00	0.0000e+00	2.9857e-01	-4.1524e+00	6.6591e+00
	1739	0.0000e+00	0.0000e+00	0.0000e+00	-2.3636e+00	-2.5790e+00	7.4358e+00
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-3.9983e+00	7.5257e+00	8.8589e+00
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	-3.3448e+00	-2.5831e+01	7.1339e+00
	1737	0.0000e+00	0.0000e+00	0.0000e+00	9.2322e-01	-1.0353e+01	5.4101e+00
	1738	0.0000e+00	0.0000e+00	0.0000e+00	-2.5820e+00	-8.2634e+00	6.2803e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-2.9041e+00	5.2567e+00	8.0041e+00
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	-2.8708e+00	-3.6407e+01	6.0266e+00
	1736	0.0000e+00	0.0000e+00	0.0000e+00	1.3855e+00	-1.8162e+01	4.2410e+00
	1737	0.0000e+00	0.0000e+00	0.0000e+00	-2.7704e+00	-1.5561e+01	5.1024e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	-1.8894e+00	7.4619e-01	6.8881e+00
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	-3.1506e+00	-4.7583e+01	4.9791e+00
	1735	0.0000e+00	0.0000e+00	0.0000e+00	1.6052e+00	-2.7246e+01	3.3937e+00
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-3.0493e+00	-2.4325e+01	4.0699e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-1.3147e+00	-5.5083e+00	5.6553e+00
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	-4.3982e+00	-5.9698e+01	3.7161e+00
	1734	0.0000e+00	0.0000e+00	0.0000e+00	1.8954e+00	-3.5586e+01	2.3115e+00
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-3.2970e+00	-3.4426e+01	3.2871e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.7029e+00	-1.2509e+01	4.6917e+00
853	23	0.0000e+00	0.0000e+00	0.0000e+00	-4.7408e+00	-7.3913e+01	-4.6714e+00
	78	0.0000e+00	0.0000e+00	0.0000e+00	1.0056e+01	-2.3822e+01	-9.9323e+00
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-1.1734e-01	-4.5626e+01	-5.2096e-01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-3.9203e+00	-1.6711e+01	4.7400e+00
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	2.9300e+01	2.8673e+01	2.4038e+01
	90	0.0000e+00	0.0000e+00	0.0000e+00	6.1452e+01	-2.1171e+01	-2.6685e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	5.7525e+01	1.1687e+02	2.9692e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	-2.1902e+01	4.3178e+00	5.6399e+01
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	-5.9904e-01	4.2187e+00	2.5063e+01
	1733	0.0000e+00	0.0000e+00	0.0000e+00	6.6608e+00	7.7362e+00	3.0257e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	2.4554e+01	1.8019e+00	3.6679e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	-7.7702e+00	-7.1253e+00	3.1485e+01
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	-4.2117e+00	-1.0256e-01	1.9849e+01
	1732	0.0000e+00	0.0000e+00	0.0000e+00	-3.7819e+00	-1.5026e+00	2.6765e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	1.2828e+01	-7.0469e+00	2.6791e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	-6.5453e+00	-8.4981e+00	1.9875e+01
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	-6.7086e+00	-8.8308e-01	1.2140e+01
	1731	0.0000e+00	0.0000e+00	0.0000e+00	-6.8840e+00	-2.1121e+00	1.8458e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	6.0941e+00	-7.8138e+00	1.7639e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	-6.6442e+00	-7.4556e+00	1.1321e+01
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	-8.2614e+00	-1.0195e+00	4.8537e+00
	1730	0.0000e+00	0.0000e+00	0.0000e+00	-8.4504e+00	-1.9180e+00	1.0452e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	1.5230e+00	-6.8550e+00	9.7624e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	-6.6791e+00	-6.4178e+00	4.1643e+00
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	-9.1997e+00	-1.0595e+00	-1.8665e+00
	1729	0.0000e+00	0.0000e+00	0.0000e+00	-9.3347e+00	-1.5927e+00	3.2365e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.7148e+00	-6.0167e+00	2.7902e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	-6.2859e+00	-5.6851e+00	-2.3128e+00
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	-9.5521e+00	-1.0327e+00	-8.1434e+00

1728 0.0000e+00 0.0000e+00 0.0000e+00 -9.6931e+00 -1.2585e+00 -3.3479e+00  
141 0.0000e+00 0.0000e+00 0.0000e+00 -4.0078e+00 -5.4614e+00 -3.6670e+00  
130 0.0000e+00 0.0000e+00 0.0000e+00 -5.3384e+00 -5.0690e+00 -8.4625e+00

861 1726 0.0000e+00 0.0000e+00 0.0000e+00 -9.0404e+00 -7.3432e-01 -1.3847e+01  
1727 0.0000e+00 0.0000e+00 0.0000e+00 -9.4520e+00 -7.1884e-01 -9.3822e+00  
130 0.0000e+00 0.0000e+00 0.0000e+00 -5.7279e+00 -4.9446e+00 -9.9660e+00  
119 0.0000e+00 0.0000e+00 0.0000e+00 -3.5489e+00 -3.7978e+00 -1.4430e+01

862 1725 0.0000e+00 0.0000e+00 0.0000e+00 -5.4688e+00 2.2210e+00 -1.7185e+01  
1726 0.0000e+00 0.0000e+00 0.0000e+00 -8.5055e+00 1.0071e+00 -1.3982e+01  
119 0.0000e+00 0.0000e+00 0.0000e+00 -7.5606e+00 -3.5749e+00 -1.6556e+01  
99 0.0000e+00 0.0000e+00 0.0000e+00 1.9788e-01 1.9812e-01 -1.9759e+01

863 89 0.0000e+00 0.0000e+00 0.0000e+00 1.5957e+01 -5.8927e+00 -6.4114e+00  
1725 0.0000e+00 0.0000e+00 0.0000e+00 1.0950e+00 9.4880e+00 -1.5385e+01  
99 0.0000e+00 0.0000e+00 0.0000e+00 -1.2298e+01 1.0377e+00 -2.6652e+01  
1 0.0000e+00 0.0000e+00 0.0000e+00 1.0826e+01 3.8251e+01 -1.7678e+01

864 773 0.0000e+00 0.0000e+00 0.0000e+00 5.6965e+01 -3.0298e+00 5.4766e+01  
22 0.0000e+00 0.0000e+00 0.0000e+00 -2.9042e+01 -1.1506e+02 2.9662e+01  
96 0.0000e+00 0.0000e+00 0.0000e+00 -2.7988e+01 2.1882e+01 -2.0978e+00  
1724 0.0000e+00 0.0000e+00 0.0000e+00 4.0901e+00 -2.8607e+01 2.3006e+01

865 763 0.0000e+00 0.0000e+00 0.0000e+00 4.4115e+01 8.2453e+00 2.8248e+01  
773 0.0000e+00 0.0000e+00 0.0000e+00 5.6536e+00 -9.0331e-01 3.4778e+01  
1724 0.0000e+00 0.0000e+00 0.0000e+00 2.7839e+01 -7.0115e+00 2.8715e+01  
1723 0.0000e+00 0.0000e+00 0.0000e+00 3.5409e+01 -4.4110e+00 2.2185e+01

866 753 0.0000e+00 0.0000e+00 0.0000e+00 4.3746e+01 8.9046e+00 1.4778e+01  
763 0.0000e+00 0.0000e+00 0.0000e+00 1.9255e+01 7.7758e+00 2.3001e+01  
1723 0.0000e+00 0.0000e+00 0.0000e+00 3.9595e+01 1.9388e+00 2.3525e+01  
1722 0.0000e+00 0.0000e+00 0.0000e+00 4.0380e+01 -2.0492e-01 1.5302e+01

867 743 0.0000e+00 0.0000e+00 0.0000e+00 4.3699e+01 6.4260e+00 4.5229e+00  
753 0.0000e+00 0.0000e+00 0.0000e+00 2.8212e+01 7.8008e+00 1.2014e+01  
1722 0.0000e+00 0.0000e+00 0.0000e+00 4.3638e+01 2.1178e+00 1.3608e+01  
1721 0.0000e+00 0.0000e+00 0.0000e+00 4.3736e+01 4.0257e-01 6.1175e+00

868 733 0.0000e+00 0.0000e+00 0.0000e+00 4.1607e+01 3.2372e+00 -3.9386e+00  
743 0.0000e+00 0.0000e+00 0.0000e+00 3.5467e+01 5.4650e+00 2.5872e+00  
1721 0.0000e+00 0.0000e+00 0.0000e+00 4.5318e+01 1.1761e+00 4.1636e+00  
1720 0.0000e+00 0.0000e+00 0.0000e+00 4.5227e+01 3.4936e-01 -2.3623e+00

869 723 0.0000e+00 0.0000e+00 0.0000e+00 3.5873e+01 -2.4263e-01 -1.1169e+01  
733 0.0000e+00 0.0000e+00 0.0000e+00 4.1702e+01 2.7024e+00 -5.4471e+00  
1720 0.0000e+00 0.0000e+00 0.0000e+00 4.4863e+01 -2.6575e-01 -4.2083e+00  
1719 0.0000e+00 0.0000e+00 0.0000e+00 4.4524e+01 2.7879e-01 -9.9305e+00

870 713 0.0000e+00 0.0000e+00 0.0000e+00 2.4962e+01 -3.9837e+00 -1.7466e+01  
723 0.0000e+00 0.0000e+00 0.0000e+00 4.6842e+01 -1.3668e-01 -1.2350e+01  
1719 0.0000e+00 0.0000e+00 0.0000e+00 4.1593e+01 -2.0969e+00 -1.1618e+01  
1718 0.0000e+00 0.0000e+00 0.0000e+00 4.0774e+01 3.3315e-01 -1.6735e+01

871 703 0.0000e+00 0.0000e+00 0.0000e+00 7.1391e+00 -8.5291e+00 -2.3014e+01  
713 0.0000e+00 0.0000e+00 0.0000e+00 5.0441e+01 -3.0190e+00 -1.8486e+01  
1718 0.0000e+00 0.0000e+00 0.0000e+00 3.4426e+01 -4.5115e+00 -1.8177e+01  
1717 0.0000e+00 0.0000e+00 0.0000e+00 3.2500e+01 4.0015e-01 -2.2705e+01

872 693 0.0000e+00 0.0000e+00 0.0000e+00 -1.9805e+01 -1.6441e+01 -2.7134e+01  
703 0.0000e+00 0.0000e+00 0.0000e+00 5.1700e+01 -6.5985e+00 -2.4674e+01  
1717 0.0000e+00 0.0000e+00 0.0000e+00 2.2193e+01 -8.7451e+00 -2.2779e+01  
1716 0.0000e+00 0.0000e+00 0.0000e+00 1.4778e+01 -2.5760e+00 -2.5238e+01

873 11 0.0000e+00 0.0000e+00 0.0000e+00 -6.2823e+01 -7.3699e+01 -1.5968e+01  
693 0.0000e+00 0.0000e+00 0.0000e+00 5.2387e+01 -1.3182e+01 -3.5317e+01  
1716 0.0000e+00 0.0000e+00 0.0000e+00 -7.8271e+00 -2.3272e+01 -2.2968e+01  
95 0.0000e+00 0.0000e+00 0.0000e+00 -4.2550e+01 1.3316e+01 -3.6189e+00

874 1506 0.0000e+00 0.0000e+00 0.0000e+00 3.3877e+01 -6.5064e+00 1.7661e+01  
33 0.0000e+00 0.0000e+00 0.0000e+00 -6.0983e+01 -5.0516e+01 1.0744e+01  
97 0.0000e+00 0.0000e+00 0.0000e+00 -2.6397e+01 1.5625e+01 3.9124e+00  
1715 0.0000e+00 0.0000e+00 0.0000e+00 -1.5044e+01 -1.5199e+01 1.0830e+01

875 1496 0.0000e+00 0.0000e+00 0.0000e+00 3.2356e+01 -9.5976e-01 7.3159e+00  
1506 0.0000e+00 0.0000e+00 0.0000e+00 -2.6803e+01 -8.5301e+00 1.1751e+01  
1715 0.0000e+00 0.0000e+00 0.0000e+00 4.8313e+00 -1.1535e+00 1.0331e+01  
1714 0.0000e+00 0.0000e+00 0.0000e+00 9.9135e+00 -5.9836e+00 5.8962e+00

876 1486 0.0000e+00 0.0000e+00 0.0000e+00 3.2075e+01 2.5774e+00 -3.2160e-01  
1496 0.0000e+00 0.0000e+00 0.0000e+00 -5.0868e+00 -2.5076e+00 5.6275e+00  
1714 0.0000e+00 0.0000e+00 0.0000e+00 1.8561e+01 1.5665e+00 5.2484e+00  
1713 0.0000e+00 0.0000e+00 0.0000e+00 2.0756e+01 -2.7866e+00 -7.0075e-01

877 1476 0.0000e+00 0.0000e+00 0.0000e+00 2.9864e+01 5.5293e+00 -8.8495e+00  
1486 0.0000e+00 0.0000e+00 0.0000e+00 9.8604e+00 1.6966e+00 -1.8317e+00  
1713 0.0000e+00 0.0000e+00 0.0000e+00 2.6377e+01 1.6015e+00 -2.4615e+00  
1712 0.0000e+00 0.0000e+00 0.0000e+00 2.7891e+01 -1.0157e+00 -9.4792e+00

878 1466 0.0000e+00 0.0000e+00 0.0000e+00 2.5416e+01 6.5992e+00 -1.9052e+01  
1476 0.0000e+00 0.0000e+00 0.0000e+00 2.0186e+01 5.1633e+00 -1.1162e+01  
1712 0.0000e+00 0.0000e+00 0.0000e+00 3.0693e+01 9.8259e-01 -1.1130e+01  
1711 0.0000e+00 0.0000e+00 0.0000e+00 3.1260e+01 -5.1652e-01 -1.9020e+01

879 1456 0.0000e+00 0.0000e+00 0.0000e+00 1.6479e+01 -4.9295e-01 -3.0314e+01  
1466 0.0000e+00 0.0000e+00 0.0000e+00 2.8480e+01 5.9233e+00 -2.4021e+01  
1711 0.0000e+00 0.0000e+00 0.0000e+00 3.2406e+01 -3.0866e+00 -1.7685e+01  
1710 0.0000e+00 0.0000e+00 0.0000e+00 2.5595e+01 -8.8998e+00 -2.3978e+01

880 22 0.0000e+00 0.0000e+00 0.0000e+00 -1.2181e+01 -1.1326e+02 -2.3741e+01  
1456 0.0000e+00 0.0000e+00 0.0000e+00 4.6516e+01 -3.5037e+00 -5.0544e+01  
1710 0.0000e+00 0.0000e+00 0.0000e+00 7.3275e+00 -2.7480e+01 -1.7880e+01  
96 0.0000e+00 0.0000e+00 0.0000e+00 -2.8539e+01 1.9227e+01 8.9238e+00

881 1709 0.0000e+00 0.0000e+00 0.0000e+00 7.6665e+00 6.0938e+00 5.7104e+00  
91 0.0000e+00 0.0000e+00 0.0000e+00 1.5508e+01 -6.7357e+00 1.6753e+00  
23 0.0000e+00 0.0000e+00 0.0000e+00 1.5311e+01 2.6772e+01 1.0552e+01  
1133 0.0000e+00 0.0000e+00 0.0000e+00 -4.9927e-01 -3.1907e+00 1.4587e+01

882 1708 0.0000e+00 0.0000e+00 0.0000e+00 -2.8700e-01 -2.9369e-01 1.6379e+00  
1709 0.0000e+00 0.0000e+00 0.0000e+00 2.2412e+00 1.0585e+00 6.3022e+00  
1133 0.0000e+00 0.0000e+00 0.0000e+00 8.0427e+00 -4.2339e+00 8.5649e+00  
1122 0.0000e+00 0.0000e+00 0.0000e+00 3.5776e+00 -7.2490e+00 3.9006e+00

883 1707 0.0000e+00 0.0000e+00 0.0000e+00 -1.3532e+00 -1.6257e+00 -5.0226e+00  
1708 0.0000e+00 0.0000e+00 0.0000e+00 -4.8239e-01 -1.6801e+00 9.6996e-01  
1122 0.0000e+00 0.0000e+00 0.0000e+00 5.7525e+00 -7.5136e+00 1.6750e+00  
1111 0.0000e+00 0.0000e+00 0.0000e+00 4.8307e+00 -8.9289e+00 -4.3175e+00

884 1706 0.0000e+00 0.0000e+00 0.0000e+00 -2.1637e+00 -1.8836e+00 -1.3515e+01  
1707 0.0000e+00 0.0000e+00 0.0000e+00 -1.4005e+00 -1.9814e+00 -6.6640e+00  
1111 0.0000e+00 0.0000e+00 0.0000e+00 4.3967e+00 -9.0575e+00 -6.2650e+00  
1100 0.0000e+00 0.0000e+00 0.0000e+00 6.2379e+00 -9.9254e+00 -1.3116e+01

885 1705 0.0000e+00 0.0000e+00 0.0000e+00 -1.8264e+00 -1.1553e+00 -2.2465e+01  
1706 0.0000e+00 0.0000e+00 0.0000e+00 -1.6404e+00 -1.3883e+00 -1.5024e+01  
1100 0.0000e+00 0.0000e+00 0.0000e+00 2.7566e+00 -9.9758e+00 -1.5599e+01  
1089 0.0000e+00 0.0000e+00 0.0000e+00 9.1970e+00 -9.0975e+00 -2.3040e+01

886 1704 0.0000e+00 0.0000e+00 0.0000e+00 5.8041e+00 8.2793e+00 -2.6428e+01  
1705 0.0000e+00 0.0000e+00 0.0000e+00 -1.2185e+00 2.8568e+00 -2.0900e+01  
1089 0.0000e+00 0.0000e+00 0.0000e+00 -5.8772e-01 -8.4641e+00 -2.7951e+01  
1078 0.0000e+00 0.0000e+00 0.0000e+00 1.6629e+01 -2.7828e-01 -3.3478e+01

887 90 0.0000e+00 0.0000e+00 0.0000e+00 6.1184e+01 -1.9286e+01 8.2209e+00  
1704 0.0000e+00 0.0000e+00 0.0000e+00 2.5034e+01 2.7784e+01 -1.9917e+01  
1078 0.0000e+00 0.0000e+00 0.0000e+00 -1.6442e+01 2.9409e+00 -5.3681e+01  
12 0.0000e+00 0.0000e+00 0.0000e+00 4.4349e+01 1.1518e+02 -2.5543e+01

888 33 0.0000e+00 0.0000e+00 0.0000e+00 -2.6681e+01 -4.6065e+01 -2.4705e+00  
88 0.0000e+00 0.0000e+00 0.0000e+00 8.2518e+00 2.5903e+00 -1.1608e+01  
94 0.0000e+00 0.0000e+00 0.0000e+00 -1.0049e+01 -1.6788e+01 -7.2186e-01  
97 0.0000e+00 0.0000e+00 0.0000e+00 -2.6654e+01 1.0095e+01 8.4155e+00

889 77 0.0000e+00 0.0000e+00 0.0000e+00 -1.8227e+01 -1.1591e+01 1.3782e+00  
11 0.0000e+00 0.0000e+00 0.0000e+00 -7.4438e+01 -8.1286e+01 3.1566e+00  
95 0.0000e+00 0.0000e+00 0.0000e+00 -5.9666e+01 1.8070e+01 -1.0034e+01  
98 0.0000e+00 0.0000e+00 0.0000e+00 -2.9442e+01 -2.5243e+01 -1.1813e+01

890 91 0.0000e+00 0.0000e+00 0.0000e+00 1.2762e+01 -5.8693e+00 5.1452e+00  
93 0.0000e+00 0.0000e+00 0.0000e+00 4.7374e+00 9.8970e+00 6.9771e-03  
78 0.0000e+00 0.0000e+00 0.0000e+00 -4.2763e+00 -1.0973e+01 -1.0237e+01  
23 0.0000e+00 0.0000e+00 0.0000e+00 1.1499e+01 2.5282e+01 -5.0990e+00

891 92 0.0000e+00 0.0000e+00 0.0000e+00 8.3013e+00 1.4307e+01 -1.9260e+00  
89 0.0000e+00 0.0000e+00 0.0000e+00 1.6937e+01 -6.5893e+00 -9.2079e+00  
1 0.0000e+00 0.0000e+00 0.0000e+00 2.1201e+01 4.0416e+01 -1.9353e+00

	67	0.0000e+00	0.0000e+00	0.0000e+00	-1.0526e+01	4.9744e+00	5.3466e+00
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	-8.6686e+00	1.0484e+01	4.1881e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-5.9800e+00	1.4510e+01	-2.9786e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	-3.1824e+01	6.6286e+00	1.1825e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	2.7355e+00	-1.8736e+01	1.8992e+01
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	4.6539e-01	1.3860e+01	1.5727e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-5.6992e+00	1.4243e+01	-1.7201e-01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-6.1781e+00	1.1837e+01	1.1554e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-2.5709e+00	9.5849e+00	2.9000e+00
894	1694	0.0000e+00	0.0000e+00	0.0000e+00	3.2730e+00	1.1993e+01	8.9755e-01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-6.4696e+00	8.2200e+00	2.9154e-01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-5.6242e+00	1.7003e+01	4.1869e-01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	1.2066e+00	1.2977e+01	1.0247e+00
895	1693	0.0000e+00	0.0000e+00	0.0000e+00	4.3277e+00	7.3967e+00	9.3555e-01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-8.0248e+00	-1.5261e+00	5.2882e-01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-5.9379e+00	1.9904e+01	7.2443e-01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	1.4213e+00	1.0593e+01	1.1312e+00
896	1692	0.0000e+00	0.0000e+00	0.0000e+00	4.0727e+00	-1.6762e-02	6.7344e-01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.1389e+01	-1.4736e+01	8.8493e-01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-7.2707e+00	2.0401e+01	1.2430e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	3.8081e-01	4.9706e+00	1.0315e+00
897	1691	0.0000e+00	0.0000e+00	0.0000e+00	2.2733e+00	-9.9038e+00	5.6883e-01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.8208e+01	-3.1902e+01	2.0516e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.0853e+01	1.8876e+01	2.1301e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	-2.0943e+00	-3.2775e+00	6.4733e-01
898	1690	0.0000e+00	0.0000e+00	0.0000e+00	-3.7292e-01	-2.1637e+01	2.4806e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-3.0280e+01	-5.4562e+01	5.4592e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.8348e+01	1.6243e+01	4.0771e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	-6.3035e+00	-1.3939e+01	1.0985e+00
899	1647	0.0000e+00	0.0000e+00	0.0000e+00	1.8331e+01	-2.2922e+01	1.5882e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	-5.9724e+01	-8.9985e+01	1.6084e+01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-3.1665e+01	1.9389e+01	8.4181e+00
	1690	0.0000e+00	0.0000e+00	0.0000e+00	-9.3204e+00	-3.2455e+01	8.2156e+00
900	1689	0.0000e+00	0.0000e+00	0.0000e+00	1.2565e+01	-1.1976e-01	3.1780e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	1.5591e+00	5.0990e+00	9.1879e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	8.4856e+00	-1.6767e+01	9.1455e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	1.7747e+01	-1.1464e+01	3.1356e+00
901	1688	0.0000e+00	0.0000e+00	0.0000e+00	9.6929e+00	1.1639e+01	2.1309e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	4.6237e+00	1.3134e+01	1.9336e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	2.7245e+00	9.6437e+00	5.1100e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	1.1195e+01	4.8327e+00	5.3073e+00
902	1687	0.0000e+00	0.0000e+00	0.0000e+00	1.1612e+01	1.1313e+01	1.3054e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	6.3025e+00	1.3006e+01	7.2050e-02
	1695	0.0000e+00	0.0000e+00	0.0000e+00	4.7335e+00	1.2737e+01	1.5085e+00
	1688	0.0000e+00	0.0000e+00	0.0000e+00	1.0696e+01	1.1577e+01	2.7418e+00
903	1686	0.0000e+00	0.0000e+00	0.0000e+00	1.3968e+01	5.9696e+00	1.4556e-01
	1693	0.0000e+00	0.0000e+00	0.0000e+00	7.3816e+00	8.9154e+00	-1.1680e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	6.4706e+00	1.0025e+01	2.8546e-01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	1.2233e+01	1.0085e+01	1.5990e+00
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	1.6099e+01	-2.1473e+00	-1.8781e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	7.7534e+00	2.1632e+00	-2.9569e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	7.2273e+00	3.7774e+00	-9.3606e-01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	1.4452e+01	4.0760e+00	1.4274e-01
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	1.7847e+01	-1.1030e+01	-3.9257e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	7.3307e+00	-6.3306e+00	-4.6133e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	6.9487e+00	-5.1716e+00	-2.6427e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	1.6844e+01	-4.3848e+00	-1.9551e+00
906	1683	0.0000e+00	0.0000e+00	0.0000e+00	1.8134e+01	-1.6973e+01	-2.8419e+00
	1690	0.0000e+00	0.0000e+00	0.0000e+00	8.1009e+00	-1.5036e+01	-3.3732e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	5.5613e+00	-1.6367e+01	-3.9894e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	1.9603e+01	-1.3207e+01	-3.4582e+00
907	1639	0.0000e+00	0.0000e+00	0.0000e+00	1.6848e+01	-1.2660e+01	4.5086e+00
	1647	0.0000e+00	0.0000e+00	0.0000e+00	2.1161e+00	-1.4729e+01	7.9372e+00

	1690	0.0000e+00	0.0000e+00	0.0000e+00	4.6426e+00	-2.8273e+01	1.7547e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	2.1229e+01	-1.8068e+01	-1.6739e+00
908	1682	0.0000e+00	0.0000e+00	0.0000e+00	1.9241e+01	2.1402e+00	-1.8556e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	1.5067e+01	3.4179e-01	3.8429e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	2.1196e+01	-9.5863e+00	1.6318e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	2.4593e+01	-6.9950e+00	-4.0667e+00
909	1681	0.0000e+00	0.0000e+00	0.0000e+00	1.5424e+01	1.1241e+01	1.3685e+00
	1688	0.0000e+00	0.0000e+00	0.0000e+00	1.2401e+01	1.0761e+01	3.6695e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	1.4797e+01	5.6624e+00	3.0144e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	1.7664e+01	6.4830e+00	7.1338e-01
910	1680	0.0000e+00	0.0000e+00	0.0000e+00	1.6272e+01	1.1086e+01	3.4140e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	1.3522e+01	1.1294e+01	2.3874e+00
	1688	0.0000e+00	0.0000e+00	0.0000e+00	1.2629e+01	1.1828e+01	2.4253e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	1.5096e+01	1.1960e+01	3.4520e+00
911	1679	0.0000e+00	0.0000e+00	0.0000e+00	1.9493e+01	4.8647e+00	3.4276e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	1.6154e+01	6.1472e+00	9.9018e-01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	1.4247e+01	9.8659e+00	1.8540e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	1.6489e+01	9.4334e+00	4.2914e+00
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	2.3390e+01	-4.0306e+00	1.6689e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	1.9192e+01	-1.9433e+00	-1.1846e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	1.6949e+01	3.4752e+00	5.6679e-01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	1.9884e+01	2.0854e+00	3.4203e+00
913	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.6639e+01	-1.2215e+01	-9.1732e-01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	2.1862e+01	-1.0596e+01	-3.3339e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	1.9672e+01	-4.9119e+00	-1.4331e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	2.3959e+01	-7.0668e+00	9.8348e-01
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.6977e+01	-1.4806e+01	-2.5530e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	2.2743e+01	-1.5916e+01	-2.9528e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	2.1582e+01	-1.2432e+01	-2.5845e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.7332e+01	-1.4274e+01	-2.1846e+00
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.2606e+01	-7.4610e+00	-1.7906e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	1.7883e+01	-1.0420e+01	2.2187e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	2.1435e+01	-1.4824e+01	2.1060e-01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.7133e+01	-1.3797e+01	-3.7986e+00
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.7624e+01	9.1585e+00	-8.3268e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	1.8813e+01	3.5351e+00	-1.9428e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	2.4034e+01	-5.4118e+00	-6.0413e+00
	1319	0.0000e+00	0.0000e+00	0.0000e+00	2.5266e+01	-2.8983e+00	-1.2425e+01
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	1.5505e+01	1.6158e+01	7.8060e-01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	1.5003e+01	1.2401e+01	2.7336e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	1.7732e+01	7.7422e+00	-1.8379e+00
	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.6710e+01	1.3061e+01	-3.7908e+00
918	1673	0.0000e+00	0.0000e+00	0.0000e+00	1.7380e+01	1.2776e+01	6.2970e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	1.6289e+01	1.1646e+01	4.7373e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	1.5706e+01	1.2596e+01	2.4587e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	1.4821e+01	1.5990e+01	4.0184e+00
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.0799e+01	4.2876e+00	7.5183e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	2.0035e+01	4.8687e+00	4.5282e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	1.7534e+01	9.4283e+00	4.4192e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	1.7276e+01	1.0226e+01	7.4093e+00
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.5100e+01	-6.3703e+00	6.1115e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	2.4473e+01	-4.3788e+00	2.5345e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	2.1297e+01	1.5109e+00	3.9607e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.1069e+01	6.7105e-01	7.5377e+00
921	1670	0.0000e+00	0.0000e+00	0.0000e+00	2.9363e+01	-1.6260e+01	2.2565e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.8295e+01	-1.2711e+01	-9.5735e-01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	2.5704e+01	-8.0242e+00	1.9046e+00
	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.5479e+01	-1.0157e+01	5.1185e+00
922	1669	0.0000e+00	0.0000e+00	0.0000e+00	2.9763e+01	-1.8748e+01	-4.3396e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.8954e+01	-1.5196e+01	-4.4625e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.8900e+01	-1.4934e+01	-8.5533e-01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	2.9569e+01	-1.8544e+01	-7.3244e-01
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	2.2417e+01	-6.4131e+00	-1.0011e+01



	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.3704e+01	-7.1544e+00	-4.4700e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.7593e+01	-1.3277e+01	-3.0860e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	2.9692e+01	-1.6766e+01	-8.6271e+00
924	1668	0.0000e+00	0.0000e+00	0.0000e+00	1.1543e+01	2.3728e+01	-1.5869e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.5429e+01	1.1886e+01	-7.2730e+00
	1319	0.0000e+00	0.0000e+00	0.0000e+00	2.0365e+01	-3.7642e-01	-1.5990e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	2.3928e+01	5.0865e+00	-2.4586e+01
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	1.4423e+01	2.4688e+01	3.3476e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	1.2734e+01	1.9345e+01	2.4586e+00
	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.4464e+01	1.5396e+01	-6.7092e+00
	1668	0.0000e+00	0.0000e+00	0.0000e+00	1.0902e+01	2.8253e+01	-5.8202e+00
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	1.7791e+01	1.5370e+01	1.0126e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	1.6128e+01	1.3912e+01	7.2748e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	1.4809e+01	1.7271e+01	3.7216e+00
	1667	0.0000e+00	0.0000e+00	0.0000e+00	1.3365e+01	2.2867e+01	6.5724e+00
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	1.9351e+01	4.3402e+00	1.0762e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.0288e+01	3.9547e+00	8.3765e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	1.7666e+01	1.0770e+01	7.8555e+00
	1666	0.0000e+00	0.0000e+00	0.0000e+00	1.7167e+01	1.1419e+01	1.0241e+01
928	1664	0.0000e+00	0.0000e+00	0.0000e+00	2.1605e+01	-7.9646e+00	1.0156e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.4497e+01	-7.3426e+00	7.2820e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.1258e+01	5.6089e-01	7.9107e+00
	1665	0.0000e+00	0.0000e+00	0.0000e+00	1.9055e+01	-6.5387e-02	1.0784e+01
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	2.6774e+01	-2.2712e+01	6.8933e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	2.9072e+01	-1.7735e+01	2.7083e+00
	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.6123e+01	-1.1504e+01	5.9384e+00
	1664	0.0000e+00	0.0000e+00	0.0000e+00	2.1291e+01	-1.2939e+01	1.0123e+01
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	3.0948e+01	-3.2612e+01	-4.6226e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	3.1394e+01	-2.0887e+01	-7.0389e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	3.1308e+01	-2.1495e+01	1.2392e+00
	1663	0.0000e+00	0.0000e+00	0.0000e+00	2.6166e+01	-2.6205e+01	3.6555e+00
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	1.8310e+01	-1.2153e+01	-2.2523e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	2.6078e+01	-8.3366e+00	-1.4260e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	3.0460e+01	-1.8770e+01	-6.9262e+00
	1662	0.0000e+00	0.0000e+00	0.0000e+00	3.0577e+01	-2.9514e+01	-1.5189e+01
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	9.2778e+00	7.9767e+01	-2.0726e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	6.9128e-01	3.2714e+01	-7.4233e+00
	1308	0.0000e+00	0.0000e+00	0.0000e+00	1.1514e+01	1.0481e+01	-3.0999e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	2.5257e+01	1.0232e+01	-4.4301e+01
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	2.3239e+01	3.5020e+01	1.4637e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	9.3295e+00	3.0523e+01	4.7142e+00
	1668	0.0000e+00	0.0000e+00	0.0000e+00	9.7922e+00	3.0785e+01	-5.8688e+00
	1661	0.0000e+00	0.0000e+00	0.0000e+00	2.7844e+00	4.7299e+01	4.0539e+00
934	1659	0.0000e+00	0.0000e+00	0.0000e+00	2.1158e+01	1.6019e+01	1.0797e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	1.7686e+01	1.5532e+01	9.2782e+00
	1667	0.0000e+00	0.0000e+00	0.0000e+00	1.4445e+01	2.4719e+01	9.2340e+00
	1660	0.0000e+00	0.0000e+00	0.0000e+00	2.1338e+01	2.4321e+01	1.0753e+01
935	1658	0.0000e+00	0.0000e+00	0.0000e+00	1.6888e+01	4.2770e+00	9.4972e+00
	1665	0.0000e+00	0.0000e+00	0.0000e+00	1.8819e+01	3.1702e+00	1.0344e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	1.7774e+01	1.2640e+01	1.0556e+01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	1.9639e+01	1.1112e+01	9.7093e+00
936	1657	0.0000e+00	0.0000e+00	0.0000e+00	1.2713e+01	-7.2456e+00	1.0291e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	1.9431e+01	-9.5377e+00	1.0903e+01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	1.7979e+01	8.5892e-01	1.0074e+01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	1.5397e+01	2.1162e-01	9.4626e+00
937	1656	0.0000e+00	0.0000e+00	0.0000e+00	1.1405e+01	-2.3160e+01	1.2318e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	2.3900e+01	-2.4877e+01	1.0084e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	1.9522e+01	-1.3134e+01	9.1539e+00
	1657	0.0000e+00	0.0000e+00	0.0000e+00	1.1283e+01	-1.3003e+01	1.1387e+01
938	1655	0.0000e+00	0.0000e+00	0.0000e+00	3.1448e+01	-5.1094e+01	6.6931e+00
	1662	0.0000e+00	0.0000e+00	0.0000e+00	2.9963e+01	-3.5349e+01	-4.5218e+00
	1663	0.0000e+00	0.0000e+00	0.0000e+00	2.9298e+01	-3.2083e+01	5.2206e+00
	1656	0.0000e+00	0.0000e+00	0.0000e+00	9.5180e+00	-3.5679e+01	1.6435e+01

939 1607 0.0000e+00 0.0000e+00 0.0000e+00 8.8131e+00 -1.7349e+01 -4.3039e+01  
1615 0.0000e+00 0.0000e+00 0.0000e+00 2.8699e+01 -1.7873e+01 -2.9802e+01  
1662 0.0000e+00 0.0000e+00 0.0000e+00 3.9680e+01 -3.8747e+01 -6.0132e+00  
1655 0.0000e+00 0.0000e+00 0.0000e+00 2.4502e+01 -8.6497e+01 -1.9250e+01

940 945 0.0000e+00 0.0000e+00 0.0000e+00 8.1667e+01 1.2283e+01 2.0887e+01  
1661 0.0000e+00 0.0000e+00 0.0000e+00 1.1895e+01 1.1400e+02 -1.0851e+01  
1297 0.0000e+00 0.0000e+00 0.0000e+00 -4.9363e+01 3.3653e+01 -1.0040e+02  
18 0.0000e+00 0.0000e+00 0.0000e+00 7.8980e+01 3.1316e+02 -6.8666e+01

941 944 0.0000e+00 0.0000e+00 0.0000e+00 4.1630e+01 2.7304e+01 2.3094e+00  
1660 0.0000e+00 0.0000e+00 0.0000e+00 3.2531e+01 2.7666e+01 9.8275e+00  
1661 0.0000e+00 0.0000e+00 0.0000e+00 3.5955e+01 5.9961e+01 1.1616e+01  
945 0.0000e+00 0.0000e+00 0.0000e+00 5.3354e+01 5.6772e+01 4.0980e+00

942 943 0.0000e+00 0.0000e+00 0.0000e+00 2.5976e+01 1.2732e+01 1.4270e+00  
1659 0.0000e+00 0.0000e+00 0.0000e+00 2.4558e+01 1.2902e+01 8.0360e+00  
1660 0.0000e+00 0.0000e+00 0.0000e+00 2.8542e+01 2.7707e+01 9.7151e+00  
944 0.0000e+00 0.0000e+00 0.0000e+00 3.5308e+01 2.4544e+01 3.1061e+00

943 942 0.0000e+00 0.0000e+00 0.0000e+00 1.5035e+01 3.2113e+00 1.5225e+00  
1658 0.0000e+00 0.0000e+00 0.0000e+00 1.6856e+01 2.4799e+00 7.1429e+00  
1659 0.0000e+00 0.0000e+00 0.0000e+00 2.1081e+01 1.2628e+01 7.5115e+00  
943 0.0000e+00 0.0000e+00 0.0000e+00 2.2134e+01 1.1165e+01 1.8911e+00

944 941 0.0000e+00 0.0000e+00 0.0000e+00 4.3723e+00 -6.8806e+00 2.2990e+00  
1657 0.0000e+00 0.0000e+00 0.0000e+00 9.4004e+00 -9.0415e+00 8.0206e+00  
1658 0.0000e+00 0.0000e+00 0.0000e+00 1.3575e+01 1.9126e+00 7.0807e+00  
942 0.0000e+00 0.0000e+00 0.0000e+00 1.1725e+01 1.6175e+00 1.3592e+00

945 940 0.0000e+00 0.0000e+00 0.0000e+00 -9.8635e+00 -2.2470e+01 4.1420e+00  
1656 0.0000e+00 0.0000e+00 0.0000e+00 1.7512e+00 -2.6976e+01 1.1132e+01  
1657 0.0000e+00 0.0000e+00 0.0000e+00 5.6392e+00 -9.6380e+00 8.5052e+00  
941 0.0000e+00 0.0000e+00 0.0000e+00 3.3115e-01 -8.9298e+00 1.5156e+00

946 939 0.0000e+00 0.0000e+00 0.0000e+00 -3.0452e+01 -5.9408e+01 6.3834e+00  
1655 0.0000e+00 0.0000e+00 0.0000e+00 -5.6507e+00 -6.4671e+01 1.4615e+01  
1656 0.0000e+00 0.0000e+00 0.0000e+00 -2.7532e+00 -2.7632e+01 1.1277e+01  
940 0.0000e+00 0.0000e+00 0.0000e+00 -1.6764e+01 -2.6267e+01 3.0452e+00

947 17 0.0000e+00 0.0000e+00 0.0000e+00 -5.6169e+01 -3.3296e+02 -6.7589e+01  
1607 0.0000e+00 0.0000e+00 0.0000e+00 8.3391e+01 -4.2176e+01 -1.0149e+02  
1655 0.0000e+00 0.0000e+00 0.0000e+00 1.9431e+01 -1.2228e+02 -9.1698e+00  
939 0.0000e+00 0.0000e+00 0.0000e+00 -6.0503e+01 -1.4778e+01 2.4726e+01

948 1646 0.0000e+00 0.0000e+00 0.0000e+00 -1.2053e+01 1.9592e+01 5.3216e+00  
1654 0.0000e+00 0.0000e+00 0.0000e+00 -6.4397e+00 1.8728e+01 -5.7025e+00  
28 0.0000e+00 0.0000e+00 0.0000e+00 -3.8156e+01 2.3866e+01 1.1159e+01  
1647 0.0000e+00 0.0000e+00 0.0000e+00 -2.5489e+00 -1.0474e+01 2.2183e+01

949 1645 0.0000e+00 0.0000e+00 0.0000e+00 -7.0233e-04 2.0079e+01 9.0830e-01  
1653 0.0000e+00 0.0000e+00 0.0000e+00 -4.2866e+00 1.5108e+01 -2.6955e+00  
1654 0.0000e+00 0.0000e+00 0.0000e+00 -5.1602e+00 2.5600e+01 -7.8103e-01  
1646 0.0000e+00 0.0000e+00 0.0000e+00 -6.3881e+00 1.6829e+01 2.8228e+00

950 1644 0.0000e+00 0.0000e+00 0.0000e+00 4.1125e+00 1.5419e+01 -9.5322e-01  
1652 0.0000e+00 0.0000e+00 0.0000e+00 -4.2116e+00 7.3750e+00 -2.6652e+00  
1653 0.0000e+00 0.0000e+00 0.0000e+00 -3.3187e+00 2.6774e+01 -2.1212e+00  
1645 0.0000e+00 0.0000e+00 0.0000e+00 -2.2960e-01 1.7650e+01 -4.0923e-01

951 1643 0.0000e+00 0.0000e+00 0.0000e+00 6.0316e+00 8.7135e+00 -1.7260e+00  
1651 0.0000e+00 0.0000e+00 0.0000e+00 -5.2105e+00 -3.4413e+00 -2.9691e+00  
1652 0.0000e+00 0.0000e+00 0.0000e+00 -3.0391e+00 2.6230e+01 -2.3926e+00  
1644 0.0000e+00 0.0000e+00 0.0000e+00 1.3556e+00 1.2931e+01 -1.1494e+00

952 1642 0.0000e+00 0.0000e+00 0.0000e+00 6.6916e+00 -2.5676e-01 -2.6018e+00  
1650 0.0000e+00 0.0000e+00 0.0000e+00 -7.9533e+00 -1.7282e+01 -3.2146e+00  
1651 0.0000e+00 0.0000e+00 0.0000e+00 -3.9375e+00 2.3916e+01 -2.4922e+00  
1643 0.0000e+00 0.0000e+00 0.0000e+00 1.4413e+00 5.4562e+00 -1.8795e+00

953 1641 0.0000e+00 0.0000e+00 0.0000e+00 6.2872e+00 -1.1187e+01 -3.0860e+00  
1649 0.0000e+00 0.0000e+00 0.0000e+00 -1.3690e+01 -3.4705e+01 -2.7158e+00  
1650 0.0000e+00 0.0000e+00 0.0000e+00 -6.9048e+00 2.0114e+01 -2.3084e+00  
1642 0.0000e+00 0.0000e+00 0.0000e+00 2.4766e-01 -4.2131e+00 -2.6786e+00

954 1640 0.0000e+00 0.0000e+00 0.0000e+00 6.4973e+00 -2.3080e+01 -9.4416e-01  
1648 0.0000e+00 0.0000e+00 0.0000e+00 -2.3446e+01 -5.7083e+01 -1.9288e-02  
1649 0.0000e+00 0.0000e+00 0.0000e+00 -1.3146e+01 1.5462e+01 -1.2657e+00

	1641	0.0000e+00	0.0000e+00	0.0000e+00	-1.9395e+00	-1.6067e+01	-2.1906e+00
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.3822e+01	-2.1519e+01	1.4874e+01
	27	0.0000e+00	0.0000e+00	0.0000e+00	-3.9904e+01	-8.9950e+01	1.0778e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-2.3505e+01	1.5093e+01	1.0966e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	-8.2795e-01	-3.4117e+01	5.1920e+00
956	1638	0.0000e+00	0.0000e+00	0.0000e+00	8.4975e+00	5.8873e+00	4.5021e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	-1.7571e+00	1.2852e+01	1.0022e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	4.3159e+00	-8.7900e+00	1.1585e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	1.3546e+01	-4.9297e+00	6.0657e+00
957	1637	0.0000e+00	0.0000e+00	0.0000e+00	6.4804e+00	1.6081e+01	1.8225e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	2.9445e+00	1.8937e+01	6.3224e-01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	-4.7483e-01	1.6123e+01	5.0190e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	7.5016e+00	1.0269e+01	6.2092e+00
958	1636	0.0000e+00	0.0000e+00	0.0000e+00	9.6510e+00	1.3706e+01	-1.0382e-01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	5.8637e+00	1.6365e+01	-2.2667e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	3.1039e+00	1.6655e+01	-2.0210e-01
	1637	0.0000e+00	0.0000e+00	0.0000e+00	8.0530e+00	1.5215e+01	1.9608e+00
959	1635	0.0000e+00	0.0000e+00	0.0000e+00	1.3179e+01	6.6356e+00	-1.9569e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	7.9918e+00	1.0225e+01	-4.0943e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	6.1236e+00	1.1743e+01	-2.3148e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	1.0741e+01	1.1800e+01	-1.7734e-01
960	1634	0.0000e+00	0.0000e+00	0.0000e+00	1.6435e+01	-2.6670e+00	-4.2984e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	9.4614e+00	1.9258e+00	-6.2010e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	7.9661e+00	3.7930e+00	-4.0932e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	1.4097e+01	4.2011e+00	-2.1906e+00
961	1633	0.0000e+00	0.0000e+00	0.0000e+00	1.9300e+01	-1.2045e+01	-6.1701e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.0469e+01	-7.6372e+00	-7.7891e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	8.8476e+00	-6.3571e+00	-6.0853e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	1.7660e+01	-5.3317e+00	-4.4663e+00
962	1632	0.0000e+00	0.0000e+00	0.0000e+00	2.0623e+01	-1.7475e+01	-4.2550e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.2833e+01	-1.6810e+01	-5.6984e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	8.9548e+00	-1.8100e+01	-7.1566e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.1594e+01	-1.4539e+01	-5.7132e+00
963	1276	0.0000e+00	0.0000e+00	0.0000e+00	1.9588e+01	-1.1823e+01	3.3703e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	7.7933e+00	-1.4468e+01	6.5146e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.0000e+01	-2.8777e+01	-1.3791e-01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	2.3716e+01	-1.8215e+01	-3.2822e+00
964	1630	0.0000e+00	0.0000e+00	0.0000e+00	1.5458e+01	6.4701e+00	-7.1247e-02
	1638	0.0000e+00	0.0000e+00	0.0000e+00	1.1276e+01	5.6522e+00	5.5018e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	1.7171e+01	-3.4872e+00	4.3711e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.0791e+01	-2.0604e+00	-1.2019e+00
965	1629	0.0000e+00	0.0000e+00	0.0000e+00	1.2074e+01	1.4287e+01	1.9513e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	9.3803e+00	1.4563e+01	3.7049e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	1.1069e+01	1.0724e+01	4.0160e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	1.3918e+01	1.0382e+01	2.2623e+00
966	1628	0.0000e+00	0.0000e+00	0.0000e+00	1.3732e+01	1.2580e+01	3.0213e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	1.1528e+01	1.3276e+01	1.2401e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	9.7256e+00	1.5161e+01	1.9822e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	1.1945e+01	1.4383e+01	3.7633e+00
967	1627	0.0000e+00	0.0000e+00	0.0000e+00	1.7847e+01	5.0221e+00	2.3329e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	1.5198e+01	6.5446e+00	-8.5685e-01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	1.2405e+01	1.1354e+01	4.3176e-01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	1.4214e+01	1.0319e+01	3.6215e+00
968	1626	0.0000e+00	0.0000e+00	0.0000e+00	2.2560e+01	-4.6651e+00	2.1889e-01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	1.9242e+01	-2.6416e+00	-3.3158e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	1.6154e+01	3.4901e+00	-1.4312e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	1.8526e+01	1.7720e+00	2.1035e+00
969	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.6472e+01	-1.2945e+01	-2.3188e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.2857e+01	-1.1725e+01	-5.3048e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	1.9889e+01	-5.7970e+00	-3.5910e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	2.3424e+01	-7.9788e+00	-6.0503e-01
970	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.7276e+01	-1.4950e+01	-3.6607e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	2.4349e+01	-1.6489e+01	-4.3851e+00

	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.2764e+01	-1.3501e+01	-4.3937e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.7401e+01	-1.5024e+01	-3.6694e+00
971	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.3157e+01	-6.5889e+00	-2.7342e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	1.9909e+01	-9.7119e+00	1.1111e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	2.3296e+01	-1.5001e+01	-1.1262e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.7516e+01	-1.3682e+01	-4.9715e+00
972	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.4572e+01	1.2445e+01	-6.5316e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	1.5335e+01	7.4586e+00	-4.6376e-02
	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.0579e+01	-7.4667e-01	-3.4264e+00
	1623	0.0000e+00	0.0000e+00	0.0000e+00	2.2395e+01	9.7713e-01	-9.9117e+00
973	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.2657e+01	1.8181e+01	1.8649e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	1.1878e+01	1.5058e+01	3.5047e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	1.4230e+01	1.1371e+01	-3.8787e-01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.3609e+01	1.5976e+01	-2.0277e+00
974	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.5065e+01	1.3378e+01	6.6121e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	1.3877e+01	1.2811e+01	4.5144e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	1.2669e+01	1.4778e+01	2.8673e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.2046e+01	1.7481e+01	4.9650e+00
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.9071e+01	3.8102e+00	7.1076e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	1.8411e+01	4.7731e+00	3.5742e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	1.5241e+01	1.0134e+01	3.9602e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.5123e+01	1.0330e+01	7.4936e+00
976	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.3844e+01	-7.2956e+00	5.2006e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	2.3537e+01	-5.1861e+00	1.1989e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	1.9777e+01	1.1161e+00	2.8920e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.9541e+01	-1.3583e-01	6.8938e+00
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	2.8398e+01	-1.6923e+01	1.1840e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.7855e+01	-1.3534e+01	-2.2841e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	2.4845e+01	-8.8982e+00	5.7163e-01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.4420e+01	-1.1178e+01	4.0397e+00
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	2.9006e+01	-1.8638e+01	-5.2489e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.8811e+01	-1.5365e+01	-5.5048e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.8539e+01	-1.5597e+01	-2.1035e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	2.8763e+01	-1.9076e+01	-1.8475e+00
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	2.1943e+01	-5.4306e+00	-1.0660e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.3866e+01	-6.3164e+00	-5.2869e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.7595e+01	-1.3169e+01	-4.0962e+00
	1616	0.0000e+00	0.0000e+00	0.0000e+00	2.9042e+01	-1.6419e+01	-9.4698e+00
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	9.5944e+00	2.6665e+01	-1.4285e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.2699e+01	1.4984e+01	-5.3961e+00
	1623	0.0000e+00	0.0000e+00	0.0000e+00	1.7862e+01	3.4175e+00	-1.3839e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	2.2340e+01	8.4984e+00	-2.2728e+01
981	1613	0.0000e+00	0.0000e+00	0.0000e+00	1.2672e+01	2.6022e+01	4.8370e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.0171e+01	2.1175e+01	3.6786e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.1692e+01	1.8184e+01	-5.1185e+00
	1614	0.0000e+00	0.0000e+00	0.0000e+00	8.8169e+00	3.0802e+01	-3.9601e+00
982	1612	0.0000e+00	0.0000e+00	0.0000e+00	1.6395e+01	1.5121e+01	1.0952e+01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.4106e+01	1.4260e+01	7.6914e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.2363e+01	1.8600e+01	4.7217e+00
	1613	0.0000e+00	0.0000e+00	0.0000e+00	1.1567e+01	2.3634e+01	7.9826e+00
983	1611	0.0000e+00	0.0000e+00	0.0000e+00	1.8265e+01	3.1146e+00	1.0762e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.8807e+01	3.2330e+00	8.0301e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.5743e+01	1.0726e+01	8.0967e+00
	1612	0.0000e+00	0.0000e+00	0.0000e+00	1.5823e+01	1.0712e+01	1.0829e+01
984	1610	0.0000e+00	0.0000e+00	0.0000e+00	2.0737e+01	-9.3883e+00	9.4789e+00
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.3396e+01	-8.4424e+00	6.3897e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.9831e+01	-3.4219e-01	7.4546e+00
	1611	0.0000e+00	0.0000e+00	0.0000e+00	1.8077e+01	-1.5105e+00	1.0544e+01
985	1609	0.0000e+00	0.0000e+00	0.0000e+00	2.5903e+01	-2.3454e+01	5.8398e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	2.8141e+01	-1.8477e+01	1.6376e+00
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.5022e+01	-1.2528e+01	5.0359e+00
	1610	0.0000e+00	0.0000e+00	0.0000e+00	2.0556e+01	-1.4298e+01	9.2381e+00
986	1608	0.0000e+00	0.0000e+00	0.0000e+00	2.9987e+01	-3.2069e+01	-5.5065e+00

	1616	0.0000e+00	0.0000e+00	0.0000e+00	3.0496e+01	-2.0755e+01	-7.8453e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	3.0327e+01	-2.1927e+01	2.3209e-01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	2.5444e+01	-2.6648e+01	2.5709e+00
987	1243	0.0000e+00	0.0000e+00	0.0000e+00	1.7716e+01	-1.0854e+01	-2.2755e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	2.5439e+01	-7.2751e+00	-1.4708e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	2.9625e+01	-1.8351e+01	-7.7030e+00
	1608	0.0000e+00	0.0000e+00	0.0000e+00	2.9743e+01	-2.8679e+01	-1.5750e+01
988	1606	0.0000e+00	0.0000e+00	0.0000e+00	9.0316e+00	8.4025e+01	-1.9309e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-1.1900e+00	3.5823e+01	-5.5590e+00
	1615	0.0000e+00	0.0000e+00	0.0000e+00	1.0283e+01	1.4086e+01	-2.9730e+01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	2.5263e+01	1.3871e+01	-4.3481e+01
989	1605	0.0000e+00	0.0000e+00	0.0000e+00	2.3378e+01	3.5848e+01	1.6649e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	7.8800e+00	3.1838e+01	6.2540e+00
	1614	0.0000e+00	0.0000e+00	0.0000e+00	8.2136e+00	3.3318e+01	-4.1232e+00
	1606	0.0000e+00	0.0000e+00	0.0000e+00	2.1002e+00	4.9910e+01	6.2721e+00
990	1604	0.0000e+00	0.0000e+00	0.0000e+00	2.1158e+01	1.4904e+01	1.1801e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	1.6759e+01	1.5023e+01	1.0096e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	1.3193e+01	2.5396e+01	1.0743e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	2.1288e+01	2.4230e+01	1.2448e+01
991	1603	0.0000e+00	0.0000e+00	0.0000e+00	1.6870e+01	2.2519e+00	9.6510e+00
	1611	0.0000e+00	0.0000e+00	0.0000e+00	1.8152e+01	1.6965e+00	1.0361e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	1.6859e+01	1.1801e+01	1.1218e+01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	1.9594e+01	9.5447e+00	1.0508e+01
992	1602	0.0000e+00	0.0000e+00	0.0000e+00	1.2839e+01	-9.3415e+00	9.7315e+00
	1610	0.0000e+00	0.0000e+00	0.0000e+00	1.8931e+01	-1.1123e+01	1.0217e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	1.7326e+01	-7.2843e-01	9.9388e+00
	1603	0.0000e+00	0.0000e+00	0.0000e+00	1.5423e+01	-1.9575e+00	9.4531e+00
993	1601	0.0000e+00	0.0000e+00	0.0000e+00	1.1654e+01	-2.4363e+01	1.1133e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	2.3365e+01	-2.5669e+01	8.9149e+00
	1610	0.0000e+00	0.0000e+00	0.0000e+00	1.9028e+01	-1.4589e+01	8.4167e+00
	1602	0.0000e+00	0.0000e+00	0.0000e+00	1.1521e+01	-1.4906e+01	1.0635e+01
994	1600	0.0000e+00	0.0000e+00	0.0000e+00	3.1017e+01	-4.9993e+01	5.3649e+00
	1608	0.0000e+00	0.0000e+00	0.0000e+00	2.9181e+01	-3.4739e+01	-5.3912e+00
	1609	0.0000e+00	0.0000e+00	0.0000e+00	2.8561e+01	-3.2360e+01	4.1978e+00
	1601	0.0000e+00	0.0000e+00	0.0000e+00	9.9660e+00	-3.6143e+01	1.4954e+01
995	1232	0.0000e+00	0.0000e+00	0.0000e+00	8.8244e+00	-1.5364e+01	-4.2573e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	2.8082e+01	-1.6286e+01	-2.9620e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	3.8556e+01	-3.7577e+01	-6.8009e+00
	1600	0.0000e+00	0.0000e+00	0.0000e+00	2.4449e+01	-8.3802e+01	-1.9754e+01
996	868	0.0000e+00	0.0000e+00	0.0000e+00	8.6727e+01	1.4038e+01	2.4180e+01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	1.1955e+01	1.1950e+02	-9.2499e+00
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-5.0555e+01	3.8078e+01	-1.0167e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	8.1882e+01	3.2702e+02	-6.8238e+01
997	867	0.0000e+00	0.0000e+00	0.0000e+00	4.4076e+01	2.7038e+01	3.3952e+00
	1605	0.0000e+00	0.0000e+00	0.0000e+00	3.3644e+01	2.7967e+01	1.1510e+01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	3.6921e+01	6.3017e+01	1.4115e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	5.7149e+01	5.8775e+01	5.9997e+00
998	866	0.0000e+00	0.0000e+00	0.0000e+00	2.7282e+01	1.0832e+01	1.9285e+00
	1604	0.0000e+00	0.0000e+00	0.0000e+00	2.5187e+01	1.1409e+01	8.9472e+00
	1605	0.0000e+00	0.0000e+00	0.0000e+00	2.9331e+01	2.7665e+01	1.1232e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	3.7279e+01	2.3706e+01	4.2130e+00
999	865	0.0000e+00	0.0000e+00	0.0000e+00	1.5924e+01	5.9238e-01	1.6137e+00
	1603	0.0000e+00	0.0000e+00	0.0000e+00	1.7284e+01	2.2298e-01	7.3447e+00
	1604	0.0000e+00	0.0000e+00	0.0000e+00	2.1515e+01	1.0978e+01	8.1633e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	2.3240e+01	8.9832e+00	2.4324e+00
1000	864	0.0000e+00	0.0000e+00	0.0000e+00	5.4450e+00	-9.4875e+00	2.0393e+00
	1602	0.0000e+00	0.0000e+00	0.0000e+00	9.9613e+00	-1.1249e+01	7.5949e+00
	1603	0.0000e+00	0.0000e+00	0.0000e+00	1.3987e+01	-4.1696e-01	7.0506e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	1.2613e+01	-1.0976e+00	1.4950e+00
1001	863	0.0000e+00	0.0000e+00	0.0000e+00	-8.0299e+00	-2.4191e+01	3.4674e+00
	1601	0.0000e+00	0.0000e+00	0.0000e+00	2.6928e+00	-2.8120e+01	1.0058e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	6.3560e+00	-1.1815e+01	7.8841e+00
	864	0.0000e+00	0.0000e+00	0.0000e+00	1.5850e+00	-1.1428e+01	1.2939e+00

1002	862	0.0000e+00	0.0000e+00	0.0000e+00	-2.7042e+01	-5.8609e+01	5.1320e+00
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-4.6461e+00	-6.3085e+01	1.2888e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-1.5477e+00	-2.8508e+01	1.0144e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.4512e+01	-2.7536e+01	2.3878e+00
1003	16	0.0000e+00	0.0000e+00	0.0000e+00	-5.3939e+01	-3.2039e+02	-6.7100e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	8.1907e+01	-3.9348e+01	-9.9083e+01
	1600	0.0000e+00	0.0000e+00	0.0000e+00	1.9448e+01	-1.1825e+02	-9.8806e+00
	862	0.0000e+00	0.0000e+00	0.0000e+00	-5.5920e+01	-1.4299e+01	2.2103e+01
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	-1.3189e+01	2.6520e+00	3.2303e+00
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-1.0427e+01	7.1472e+00	-5.5797e+00
	31	0.0000e+00	0.0000e+00	0.0000e+00	-4.0831e+01	4.2839e+00	9.9078e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	9.8531e-01	-2.4851e+01	1.8718e+01
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	-2.6665e+00	7.1751e+00	5.9404e-01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-9.6917e+00	3.7868e+00	-2.1870e+00
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-9.5092e+00	8.9287e+00	-6.6916e-01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-7.9720e+00	2.2445e+00	2.1119e+00
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	4.7387e-01	3.5346e+00	-5.0201e-01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-1.1044e+01	-3.7454e+00	-1.2198e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-9.4617e+00	1.2651e+01	-1.1962e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-2.4308e+00	5.3195e+00	-4.7847e-01
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	9.7247e-01	-2.1313e+00	-2.6662e-01
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-1.3997e+01	-1.4989e+01	-2.1065e-01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-1.0856e+01	1.4519e+01	-3.7887e-01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-2.0653e+00	2.0264e+00	-4.3484e-01
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	3.8184e-01	-9.9037e+00	6.4580e-01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-1.9489e+01	-2.9683e+01	1.4738e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-1.4024e+01	1.4419e+01	9.6290e-01
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-3.5575e+00	-4.2508e+00	1.3495e-01
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	9.9827e-01	-1.8504e+01	3.8770e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-2.8937e+01	-4.8981e+01	5.0305e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-2.0005e+01	1.3242e+01	3.1248e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-5.8090e+00	-1.3097e+01	1.9713e+00
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	1.6766e+01	-1.3599e+01	1.9341e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	-4.5550e+01	-7.8750e+01	1.6150e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-3.0335e+01	1.6782e+01	6.4529e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-4.3273e+00	-2.7314e+01	9.6441e+00
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	1.3206e+01	-7.3010e+00	2.2730e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-5.8673e-01	-3.1020e+00	8.2281e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	6.4693e+00	-2.2618e+01	7.8876e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	1.7120e+01	-1.7679e+01	1.9326e+00
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	9.5694e+00	3.1735e+00	5.8221e-01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	2.7470e+00	5.8440e+00	5.4468e-01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	8.2386e-01	2.5305e+00	4.3102e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	1.1423e+01	-2.9755e+00	4.3477e+00
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	1.1370e+01	2.4350e+00	-6.6501e-01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	4.4517e+00	4.8573e+00	-2.0221e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	2.7858e+00	4.7525e+00	-1.3105e-01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	1.0536e+01	3.0686e+00	1.2260e+00
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	1.3795e+01	-2.7888e+00	-1.7014e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	5.3147e+00	2.2270e-01	-3.0500e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	4.3926e+00	1.0875e+00	-1.7358e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	1.2233e+01	1.2453e+00	-3.8724e-01
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	1.5960e+01	-8.8309e+00	-2.0589e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	5.7212e+00	-6.2186e+00	-3.1904e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	4.8332e+00	-5.5963e+00	-2.5227e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	1.4764e+01	-4.4341e+00	-1.3911e+00
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	1.6348e+01	-1.1426e+01	8.6403e-01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	7.4020e+00	-1.2443e+01	4.6920e-02
	1589	0.0000e+00	0.0000e+00	0.0000e+00	4.5724e+00	-1.4226e+01	-2.1612e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	1.7672e+01	-1.0448e+01	-1.3441e+00
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	1.4760e+01	-4.6245e+00	7.5316e+00
	1362	0.0000e+00	0.0000e+00	0.0000e+00	1.7981e+00	-7.6161e+00	1.1364e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	5.4189e+00	-2.1150e+01	5.5391e+00

	1582	0.0000e+00	0.0000e+00	0.0000e+00	1.8200e+01	-1.1492e+01	1.7062e+00
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	2.1177e+01	-4.8594e+00	-2.9029e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	1.5849e+01	-6.6507e+00	2.5689e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	2.1458e+01	-1.5662e+01	4.8317e-01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	2.5647e+01	-1.2925e+01	-4.9886e+00
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	1.7652e+01	2.4182e+00	-9.4644e-02
	1586	0.0000e+00	0.0000e+00	0.0000e+00	1.3314e+01	2.2044e+00	2.2105e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	1.5548e+01	-2.2189e+00	1.7900e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	1.9664e+01	-1.5197e+00	-5.1512e-01
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	1.8451e+01	1.7851e+00	1.6571e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	1.4443e+01	2.3424e+00	5.2417e-01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	1.3509e+01	3.2698e+00	8.5936e-01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	1.7298e+01	3.0992e+00	1.9923e+00
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.1499e+01	-3.6578e+00	1.6605e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	1.6966e+01	-2.3864e+00	-8.4660e-01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	1.5040e+01	1.0791e+00	8.0286e-03
	1579	0.0000e+00	0.0000e+00	0.0000e+00	1.8807e+01	4.9467e-01	2.5151e+00
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.4058e+01	-8.7991e+00	5.4287e-01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	1.9283e+01	-8.1747e+00	-1.5198e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	1.7432e+01	-4.3268e+00	-6.8756e-01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.2108e+01	-5.5097e+00	1.3752e+00
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.3601e+01	-8.4550e+00	-5.3274e-02
	1582	0.0000e+00	0.0000e+00	0.0000e+00	1.9520e+01	-1.0299e+01	2.4852e-01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	1.9106e+01	-8.9134e+00	-2.1643e-01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.4571e+01	-9.7483e+00	-5.1822e-01
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	1.8844e+01	1.9781e-01	8.6427e-01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	1.4916e+01	-2.7065e+00	5.2772e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	1.8566e+01	-8.3951e+00	3.2963e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.3323e+01	-6.9981e+00	-1.1166e+00
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.9989e+01	2.1779e+00	-9.2873e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	2.0897e+01	-3.5023e+00	-3.1444e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	2.5408e+01	-1.1309e+01	-6.8351e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	2.6793e+01	-8.9746e+00	-1.2978e+01
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.8033e+01	7.6705e+00	-6.0417e-01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	1.7474e+01	3.6668e+00	1.2739e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	1.9771e+01	-2.7742e-01	-3.1380e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.9195e+01	5.2990e+00	-5.0161e+00
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	2.0340e+01	3.5826e+00	5.1622e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	1.8876e+01	2.5124e+00	3.1971e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	1.8038e+01	3.6590e+00	8.5263e-01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.7558e+01	7.6795e+00	2.8178e+00
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	2.4444e+01	-5.0712e+00	6.1280e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.2669e+01	-3.4877e+00	2.6034e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	2.0254e+01	3.3067e-01	2.8579e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	2.0366e+01	1.3615e+00	6.3825e+00
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	2.7865e+01	-1.2605e+01	2.8860e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.5826e+01	-9.0391e+00	1.6680e-01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.3992e+01	-6.0698e+00	2.5295e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	2.4690e+01	-7.6339e+00	5.2487e+00
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	2.7063e+01	-1.1937e+01	-3.1742e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.5358e+01	-8.7587e+00	-2.2428e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.6200e+01	-9.9491e+00	8.2185e-01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	2.7937e+01	-1.3425e+01	-1.0957e-01
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.9344e+01	1.6975e+00	-7.7926e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	2.0006e+01	4.4487e-01	-1.6617e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.3933e+01	-6.2568e+00	-7.7641e-01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	2.6711e+01	-9.4318e+00	-6.9073e+00
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	1.2793e+01	1.7074e+01	-1.7337e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.7607e+01	4.6086e+00	-8.4699e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	2.1870e+01	-6.4741e+00	-1.6336e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	2.4863e+01	-1.8592e+00	-2.5203e+01
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	1.5234e+01	1.7869e+01	2.0609e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.4730e+01	1.1077e+01	1.3421e+00

	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.6202e+01	7.7766e+00	-8.2204e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	1.2437e+01	2.1749e+01	-7.5016e+00
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	1.9638e+01	7.4596e+00	1.0628e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	1.8532e+01	5.2021e+00	6.7889e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.6516e+01	9.0232e+00	2.2953e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	1.4583e+01	1.6523e+01	6.1342e+00
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	2.3431e+01	-6.2075e+00	1.1521e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	2.4131e+01	-5.2478e+00	7.3660e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	2.0738e+01	1.4907e+00	7.1791e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	1.9169e+01	2.8562e+00	1.1335e+01
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	2.8533e+01	-2.0608e+01	7.0760e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	2.8890e+01	-1.3856e+01	2.7343e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	2.6346e+01	-9.1534e+00	6.6831e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	2.3079e+01	-1.0976e+01	1.1025e+01
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	3.0930e+01	-2.6286e+01	-5.4753e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	2.9621e+01	-1.3978e+01	-6.4620e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	3.0601e+01	-1.6248e+01	1.9778e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	2.8133e+01	-2.2266e+01	2.9645e+00
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	1.7869e+01	-2.0320e+00	-2.1165e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	2.3446e+01	1.2329e-01	-1.1759e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	2.7893e+01	-1.0811e+01	-5.8790e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	3.0747e+01	-2.1424e+01	-1.5284e+01
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	5.0098e+00	7.0007e+01	-2.4951e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	3.8037e+00	2.5325e+01	-9.7551e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	9.9633e+00	3.7058e+00	-3.2060e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	2.6842e+01	7.4567e+00	-4.7255e+01
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	2.1999e+01	3.3387e+01	1.4913e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	7.5963e+00	2.4915e+01	4.5459e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	9.6452e+00	2.4858e+01	-9.1271e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	8.5262e-01	4.6076e+01	1.2398e+00
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	2.0520e+01	1.0542e+01	1.3475e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	1.8006e+01	8.2920e+00	1.0600e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	1.3174e+01	1.8733e+01	8.9985e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	2.0055e+01	1.9961e+01	1.1874e+01
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	1.7633e+01	-5.3181e+00	1.3437e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	2.2105e+01	-7.6272e+00	1.2502e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	1.9026e+01	4.2678e+00	1.1960e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	1.8990e+01	3.1348e+00	1.2895e+01
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	1.7372e+01	-2.3011e+01	1.3753e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	2.8464e+01	-2.2753e+01	1.0268e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	2.3236e+01	-1.1845e+01	1.0890e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	1.6179e+01	-1.2939e+01	1.4376e+01
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	3.7687e+01	-5.0867e+01	3.4699e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	3.2564e+01	-2.9219e+01	-7.5911e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	3.4387e+01	-2.9469e+01	5.7698e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	1.5487e+01	-3.6833e+01	1.6831e+01
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	1.1770e+01	-9.5615e+00	-4.4343e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	3.1255e+01	-7.0249e+00	-2.8626e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	3.7790e+01	-2.9251e+01	-7.6924e+00
	1558	0.0000e+00	0.0000e+00	0.0000e+00	3.4188e+01	-7.2170e+01	-2.3410e+01
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	8.9076e+01	2.4964e+01	2.0540e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	1.7147e-02	1.0945e+02	-1.1157e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-4.8221e+01	2.9784e+01	-1.0591e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	7.8925e+01	3.2002e+02	-7.4214e+01
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	4.0112e+01	2.3780e+01	2.2233e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	3.1602e+01	2.6635e+01	9.2603e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	2.6500e+01	5.9873e+01	1.1685e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	5.8177e+01	5.7463e+01	4.6481e+00
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	2.3619e+01	8.0508e+00	2.6659e+00
	1561	0.0000e+00	0.0000e+00	0.0000e+00	2.3370e+01	6.5636e+00	1.0208e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	2.7376e+01	2.5115e+01	1.0828e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	3.3507e+01	2.2282e+01	3.2855e+00
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	1.0387e+01	-5.6410e+00	3.9516e+00



	1560	0.0000e+00	0.0000e+00	0.0000e+00	1.4885e+01	-8.4979e+00	1.0984e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	1.9383e+01	6.4445e+00	1.0173e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	1.8843e+01	5.3497e+00	3.1401e+00
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	-4.2656e+00	-2.2886e+01	6.1540e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	7.5428e+00	-2.8128e+01	1.3385e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	1.0959e+01	-8.7365e+00	1.0987e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	5.6376e+00	-8.7730e+00	3.7567e+00
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	-3.0406e+01	-5.9016e+01	1.0110e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	1.2937e+01	-6.4117e+01	1.5833e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	3.8823e+00	-3.0769e+01	1.1179e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.0810e+01	-2.5764e+01	5.4559e+00
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	-2.6893e+01	-3.2104e+02	-6.5941e+01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	8.1027e+01	-2.9964e+01	-1.0500e+02
	1558	0.0000e+00	0.0000e+00	0.0000e+00	4.2094e+01	-1.1389e+02	-7.9141e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-5.9910e+01	-3.3626e+01	3.1144e+01
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	-3.0639e+00	4.0125e+00	4.6109e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-2.1011e+00	6.6899e+00	-1.1668e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	-2.3906e+01	7.0708e+00	1.3178e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	8.0979e+00	-2.1401e+01	1.8956e+01
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	4.8113e+00	7.5670e+00	1.6028e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	-3.5007e+00	4.9446e+00	2.6970e-01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-2.1673e+00	1.0454e+01	2.2573e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	1.0220e+00	3.5154e+00	3.5905e+00
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	6.8525e+00	4.2033e+00	2.0163e-01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	-5.7171e+00	-2.5174e+00	6.3547e-02
	1556	0.0000e+00	0.0000e+00	0.0000e+00	-3.6401e+00	1.4235e+01	7.0074e-01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	4.5211e+00	6.1305e+00	8.3881e-01
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	7.1759e+00	-1.4817e+00	-5.7867e-02
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-8.8581e+00	-1.4005e+01	2.8586e-02
	1555	0.0000e+00	0.0000e+00	0.0000e+00	-5.6412e+00	1.6220e+01	4.6652e-01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	4.1183e+00	2.7456e+00	3.8006e-01
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	7.1972e+00	-9.4104e+00	3.9594e-01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.3892e+01	-2.9099e+01	6.9896e-01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-8.7778e+00	1.6074e+01	7.6750e-01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	2.6412e+00	-3.7632e+00	4.6448e-01
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	9.7191e+00	-1.7790e+01	3.5659e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-2.1936e+01	-4.8731e+01	3.3048e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.4037e+01	1.4528e+01	1.7987e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.3394e+00	-1.3143e+01	2.0598e+00
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	2.3314e+01	-1.0933e+01	2.0427e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	-2.8843e+01	-7.7461e+01	1.4207e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-2.2328e+01	1.6101e+01	3.2366e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	5.3410e+00	-2.6605e+01	9.4565e+00
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	1.9704e+01	-5.6607e+00	2.7642e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	7.6625e+00	-9.9558e-01	8.7435e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	1.4681e+01	-2.0122e+01	8.7718e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	2.3700e+01	-1.5519e+01	2.7925e+00
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	1.6087e+01	3.8630e+00	9.8098e-01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	9.9512e+00	6.6792e+00	1.3643e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	8.6291e+00	3.2898e+00	4.9435e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	1.8115e+01	-1.6659e+00	4.5601e+00
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	1.7517e+01	2.9315e+00	-3.1696e-01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.0978e+01	5.5077e+00	-1.2976e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	9.8068e+00	5.3651e+00	6.0562e-01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	1.6882e+01	3.8086e+00	1.5863e+00
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	1.9781e+01	-2.3442e+00	-1.3689e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.1692e+01	7.6930e-01	-2.6536e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.0819e+01	1.6744e+00	-1.2612e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	1.8288e+01	1.7645e+00	2.3490e-02
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	2.2053e+01	-8.3557e+00	-1.6285e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.2514e+01	-5.8820e+00	-3.0078e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.1227e+01	-5.1373e+00	-2.3683e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	2.0800e+01	-4.0522e+00	-9.8899e-01

1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	2.2597e+01	-1.0576e+01	1.5389e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.4790e+01	-1.2199e+01	4.3660e-01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.1466e+01	-1.3809e+01	-2.0349e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	2.3891e+01	-1.0065e+01	-9.3268e-01
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	2.0677e+01	-3.1518e+00	7.6725e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	9.4142e+00	-5.8600e+00	1.1622e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.3176e+01	-1.9673e+01	6.0802e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	2.4191e+01	-1.0347e+01	2.1302e+00
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.5974e+01	-3.8123e+00	-2.4902e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	2.2139e+01	-5.2951e+00	3.0121e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	2.7664e+01	-1.3851e+01	1.3482e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	3.0585e+01	-1.1721e+01	-4.1541e+00
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.2345e+01	3.2186e+00	1.6014e-02
	1544	0.0000e+00	0.0000e+00	0.0000e+00	1.9383e+01	2.9329e+00	2.4358e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	2.1664e+01	-1.1033e+00	2.0711e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.4522e+01	-5.9700e-01	-3.4870e-01
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.3004e+01	2.4654e+00	1.8163e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	2.0184e+01	2.8542e+00	8.5633e-01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	1.9431e+01	3.8866e+00	1.0457e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.1989e+01	3.8642e+00	2.0057e+00
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.5960e+01	-3.0355e+00	2.0342e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	2.2570e+01	-1.9882e+00	-4.0848e-01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	2.0701e+01	1.5511e+00	2.4816e-01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.3328e+01	1.1725e+00	2.6909e+00
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.8509e+01	-8.2289e+00	1.1177e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	2.4953e+01	-7.8060e+00	-9.8611e-01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	2.3040e+01	-3.9134e+00	-3.3260e-01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.6545e+01	-4.9095e+00	1.7713e+00
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.8031e+01	-7.8813e+00	4.4754e-01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	2.5177e+01	-9.6138e+00	7.7482e-01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	2.4846e+01	-8.4581e+00	3.0413e-01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.8966e+01	-9.1685e+00	-2.3140e-02
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	2.3147e+01	8.6405e-01	8.1481e-01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	2.0463e+01	-1.5446e+00	5.3398e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	2.4318e+01	-7.4988e+00	3.6926e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.7628e+01	-6.3305e+00	-8.3245e-01
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	2.2894e+01	2.5420e+00	-9.1365e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.5389e+01	-2.7902e+00	-2.8114e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.9942e+01	-1.0420e+01	-6.0466e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	2.9992e+01	-8.7275e+00	-1.2372e+01
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	2.0676e+01	8.4275e+00	-7.7839e-01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.1694e+01	4.3190e+00	1.3085e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.4078e+01	4.7089e-01	-3.0280e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	2.2136e+01	5.7787e+00	-5.1148e+00
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	2.2867e+01	4.5329e+00	5.1656e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.2846e+01	3.1761e+00	3.3317e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.2106e+01	4.3447e+00	7.7491e-01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	2.0230e+01	8.5398e+00	2.6088e+00
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	2.6913e+01	-4.1214e+00	6.4626e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.6512e+01	-2.8721e+00	2.9970e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.4153e+01	9.9286e-01	2.9463e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	2.2889e+01	2.3524e+00	6.4119e+00
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	3.0328e+01	-1.1883e+01	3.4896e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.9657e+01	-8.5246e+00	7.6019e-01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.7839e+01	-5.4804e+00	2.8847e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	2.7118e+01	-6.7352e+00	5.6141e+00
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	2.9632e+01	-1.1707e+01	-2.6135e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.9237e+01	-8.3221e+00	-1.7631e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	3.0113e+01	-9.4980e+00	1.3253e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	3.0323e+01	-1.2819e+01	4.7490e-01
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	2.1987e+01	1.5513e+00	-7.8304e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	2.3921e+01	8.4757e-01	-1.7478e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.7923e+01	-5.8933e+00	-4.8638e-01

	1528	0.0000e+00	0.0000e+00	0.0000e+00	2.9191e+01	-9.3362e+00	-6.5690e+00
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	1.3433e+01	1.6686e+01	-1.7679e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	2.0204e+01	4.5939e+00	-8.4612e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	2.4633e+01	-6.6070e+00	-1.5746e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	2.5984e+01	-2.8799e+00	-2.4964e+01
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	1.5724e+01	1.8790e+01	1.6240e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.6830e+01	1.1730e+01	1.1723e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.8487e+01	8.0766e+00	-8.4764e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	1.3234e+01	2.1968e+01	-8.0248e+00
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	2.0324e+01	8.6900e+00	1.0630e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	2.0415e+01	6.1920e+00	6.7825e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.8504e+01	9.8040e+00	1.9917e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	1.5148e+01	1.7709e+01	5.8390e+00
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	2.4094e+01	-4.9228e+00	1.1775e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	2.5942e+01	-4.2830e+00	7.6675e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	2.2597e+01	2.4849e+00	7.1863e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	1.9873e+01	4.1697e+00	1.1294e+01
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	2.8937e+01	-1.9514e+01	7.6067e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	3.0680e+01	-1.3189e+01	3.3724e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	2.8128e+01	-8.2144e+00	7.0047e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	2.3689e+01	-9.7768e+00	1.1239e+01
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	3.1433e+01	-2.6231e+01	-4.6639e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	3.1546e+01	-1.3891e+01	-5.8101e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	3.2444e+01	-1.5731e+01	2.5020e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	2.8424e+01	-2.1440e+01	3.6483e+00
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	1.8544e+01	-3.3163e+00	-2.1024e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	2.5679e+01	-3.5147e-01	-1.1853e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	3.0065e+01	-1.1067e+01	-5.4602e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	3.1052e+01	-2.1984e+01	-1.4631e+01
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	2.1261e+00	6.8308e+01	-2.5782e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	4.2774e+00	2.4512e+01	-1.0301e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	1.0556e+01	2.0496e+00	-3.1840e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	2.4365e+01	5.0239e+00	-4.7321e+01
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	2.0991e+01	3.4626e+01	1.5245e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	7.3373e+00	2.6170e+01	4.3697e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	9.3733e+00	2.4857e+01	-1.0086e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.0778e+00	4.7790e+01	7.8933e-01
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	2.0402e+01	1.1771e+01	1.3919e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	1.8156e+01	9.6624e+00	1.0574e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	1.3221e+01	1.9777e+01	8.8561e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	1.9177e+01	2.1399e+01	1.2201e+01
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	1.7559e+01	-4.1268e+00	1.3452e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	2.2325e+01	-6.3572e+00	1.2552e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	1.9281e+01	5.5543e+00	1.2081e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	1.8944e+01	4.3450e+00	1.2982e+01
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	1.6382e+01	-2.1631e+01	1.3543e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	2.8362e+01	-2.1779e+01	1.0599e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	2.3311e+01	-1.0509e+01	1.1092e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	1.6009e+01	-1.1728e+01	1.4037e+01
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	3.5549e+01	-4.9255e+01	4.0710e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	3.2017e+01	-2.9350e+01	-6.3995e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	3.3936e+01	-2.8302e+01	6.1515e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	1.4343e+01	-3.5651e+01	1.6622e+01
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	8.9652e+00	-1.2143e+01	-4.4058e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	3.1431e+01	-8.8969e+00	-2.8527e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	3.7935e+01	-3.0213e+01	-6.8843e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	3.1070e+01	-7.3963e+01	-2.2415e+01
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	8.7636e+01	3.1414e+01	2.9009e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-8.1529e+00	1.0970e+02	-1.0142e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-4.6601e+01	2.4929e+01	-1.0747e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	5.3963e+01	3.1455e+02	-6.8319e+01
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	4.0411e+01	2.4811e+01	4.6724e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	3.0095e+01	2.8879e+01	9.7321e+00

	1521	0.0000e+00	0.0000e+00	0.0000e+00	2.0975e+01	6.0695e+01	1.3295e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	5.8852e+01	5.7027e+01	8.2350e+00
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	2.4710e+01	8.5321e+00	3.6004e+00
	1519	0.0000e+00	0.0000e+00	0.0000e+00	2.3410e+01	7.7130e+00	1.0525e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	2.6690e+01	2.6353e+01	1.2046e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	3.4186e+01	2.2231e+01	5.1212e+00
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	1.1570e+01	-5.4987e+00	3.5535e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	1.5046e+01	-7.4607e+00	1.0609e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	1.9568e+01	7.4905e+00	1.0622e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	2.0046e+01	5.5014e+00	3.5660e+00
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	-3.6616e+00	-2.2969e+01	4.3571e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	6.7586e+00	-2.6931e+01	1.2253e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	1.0949e+01	-7.6096e+00	1.0748e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	6.6925e+00	-8.3036e+00	2.8523e+00
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	-2.9861e+01	-5.9511e+01	6.5859e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	7.2322e+00	-6.3368e+01	1.4336e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	2.2498e+00	-2.8582e+01	1.0803e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.0601e+01	-2.4768e+01	3.0528e+00
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-5.2019e+01	-3.2657e+02	-7.1739e+01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	8.2339e+01	-3.4925e+01	-1.0328e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	3.3713e+01	-1.1372e+02	-8.7927e+00
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-6.1494e+01	-2.7247e+01	2.2748e+01
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	-1.1031e+01	4.2916e+01	5.7313e-01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-1.0297e+01	5.4751e+01	-1.3874e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	-4.6220e+01	4.3383e+01	1.1341e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	2.1281e+01	2.7579e+01	1.3302e+01
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	-3.2689e+00	5.2431e+01	4.5089e+00
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-1.0874e+01	4.9522e+01	2.3166e+00
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-1.0057e+01	5.1175e+01	2.4905e+00
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-8.1252e+00	4.7889e+01	4.6828e+00
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	6.1477e-01	4.8958e+01	5.7373e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-9.9657e+00	4.1823e+01	3.6829e+00
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-1.0492e+01	5.6039e+01	2.6388e+00
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-2.6435e+00	5.1172e+01	4.6932e+00
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	3.0820e+00	4.2596e+01	7.1957e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-7.8230e+00	3.0975e+01	4.4436e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-8.5413e+00	5.7356e+01	3.9269e+00
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-1.2693e+00	4.6857e+01	6.6790e+00
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	4.9426e+00	3.3878e+01	7.4361e+00
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-5.8047e+00	1.8428e+01	4.5509e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-5.9149e+00	5.5288e+01	4.7637e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	-2.6214e-01	3.9377e+01	7.6490e+00
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	5.9264e+00	2.3473e+01	6.5195e+00
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-5.1561e+00	4.5751e+00	4.1699e+00
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-3.8752e+00	5.0562e+01	4.9652e+00
	1501	0.0000e+00	0.0000e+00	0.0000e+00	3.1713e-01	2.9937e+01	7.3149e+00
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	5.6604e+00	1.1903e+01	4.9388e+00
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-6.9976e+00	-1.0628e+01	3.7232e+00
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-3.6078e+00	4.3987e+01	4.7609e+00
	1500	0.0000e+00	0.0000e+00	0.0000e+00	3.1464e-02	1.9202e+01	5.9764e+00
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	4.1946e+00	-3.8294e-01	3.6704e+00
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-1.2424e+01	-2.7678e+01	3.9490e+00
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-6.1737e+00	3.6372e+01	4.6451e+00
	1499	0.0000e+00	0.0000e+00	0.0000e+00	-1.5421e+00	7.5651e+00	4.3664e+00
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	3.3922e+00	-1.2345e+01	4.7707e+00
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-2.2679e+01	-4.8075e+01	6.1395e+00
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-1.2565e+01	2.8943e+01	5.3408e+00
	1498	0.0000e+00	0.0000e+00	0.0000e+00	-4.2010e+00	-5.0528e+00	3.9721e+00
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	1.8256e+01	-1.0517e+01	1.7787e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	-4.2584e+01	-7.8198e+01	1.5770e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-2.4175e+01	2.7807e+01	7.5707e+00
	1497	0.0000e+00	0.0000e+00	0.0000e+00	-3.8669e+00	-2.2068e+01	9.5868e+00
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.4106e+00	3.7810e+01	2.4316e+00

	1505	0.0000e+00	0.0000e+00	0.0000e+00	-2.0148e+00	4.8239e+01	4.7629e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-2.5027e+01	2.1271e+01	8.2030e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	2.9718e+01	2.4230e+01	5.8717e+00
1113	1494	0.0000e+00	0.0000e+00	0.0000e+00	4.8744e+00	5.2826e+01	6.4810e+00
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-8.7744e-02	5.2022e+01	5.2561e+00
	1505	0.0000e+00	0.0000e+00	0.0000e+00	3.3958e-01	4.8592e+01	6.2037e+00
	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.1908e+00	4.5730e+01	7.4285e+00
1114	1493	0.0000e+00	0.0000e+00	0.0000e+00	7.4090e+00	5.0074e+01	7.0984e+00
	1503	0.0000e+00	0.0000e+00	0.0000e+00	2.7010e+00	5.0431e+01	5.1072e+00
	1504	0.0000e+00	0.0000e+00	0.0000e+00	3.0250e-01	5.1556e+01	5.0488e+00
	1494	0.0000e+00	0.0000e+00	0.0000e+00	6.1395e+00	5.2040e+01	7.0400e+00
1115	1492	0.0000e+00	0.0000e+00	0.0000e+00	9.6856e+00	4.2302e+01	7.4599e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	4.8311e+00	4.3803e+01	5.5699e+00
	1503	0.0000e+00	0.0000e+00	0.0000e+00	3.1579e+00	4.7114e+01	5.7596e+00
	1493	0.0000e+00	0.0000e+00	0.0000e+00	7.8771e+00	4.8203e+01	7.6497e+00
1116	1491	0.0000e+00	0.0000e+00	0.0000e+00	1.1418e+01	3.1865e+01	6.4927e+00
	1501	0.0000e+00	0.0000e+00	0.0000e+00	6.5457e+00	3.4903e+01	4.8138e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	5.0723e+00	3.9027e+01	5.9059e+00
	1492	0.0000e+00	0.0000e+00	0.0000e+00	9.7984e+00	3.9693e+01	7.5848e+00
1117	1490	0.0000e+00	0.0000e+00	0.0000e+00	1.2859e+01	2.0201e+01	4.2548e+00
	1500	0.0000e+00	0.0000e+00	0.0000e+00	7.6361e+00	2.4622e+01	2.8633e+00
	1501	0.0000e+00	0.0000e+00	0.0000e+00	6.4740e+00	2.8806e+01	4.8373e+00
	1491	0.0000e+00	0.0000e+00	0.0000e+00	1.1458e+01	2.8941e+01	6.2288e+00
1118	1489	0.0000e+00	0.0000e+00	0.0000e+00	1.4107e+01	8.3908e+00	1.2525e+00
	1499	0.0000e+00	0.0000e+00	0.0000e+00	7.9257e+00	1.3658e+01	2.4226e-01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	7.1470e+00	1.7287e+01	2.7014e+00
	1490	0.0000e+00	0.0000e+00	0.0000e+00	1.3025e+01	1.7214e+01	3.7116e+00
1119	1488	0.0000e+00	0.0000e+00	0.0000e+00	1.5201e+01	-1.9591e+00	-1.1924e+00
	1498	0.0000e+00	0.0000e+00	0.0000e+00	7.5272e+00	2.7237e+00	-1.8246e+00
	1499	0.0000e+00	0.0000e+00	0.0000e+00	6.8971e+00	5.0634e+00	1.2631e-01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	1.4667e+01	5.5098e+00	7.5852e-01
1120	1487	0.0000e+00	0.0000e+00	0.0000e+00	1.4798e+01	-7.6098e+00	-1.8520e-01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	8.2474e+00	-6.6972e+00	-4.9033e-01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	5.8392e+00	-7.4587e+00	-1.4808e+00
	1488	0.0000e+00	0.0000e+00	0.0000e+00	1.6644e+01	-4.3952e+00	-1.1757e+00
1121	1426	0.0000e+00	0.0000e+00	0.0000e+00	1.2858e+01	-3.1690e+00	4.9963e+00
	1437	0.0000e+00	0.0000e+00	0.0000e+00	1.8759e+00	-4.6867e+00	9.1061e+00
	1497	0.0000e+00	0.0000e+00	0.0000e+00	5.7408e+00	-1.7346e+01	4.2451e+00
	1487	0.0000e+00	0.0000e+00	0.0000e+00	1.6564e+01	-8.3083e+00	1.3529e-01
1122	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.1084e+01	4.0849e+01	1.2773e+00
	1495	0.0000e+00	0.0000e+00	0.0000e+00	7.3787e+00	4.3939e+01	4.7783e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-6.4592e+00	2.2003e+01	3.4163e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	3.1371e+01	2.8051e+01	-8.4702e-02
1123	1484	0.0000e+00	0.0000e+00	0.0000e+00	1.0769e+01	5.3812e+01	7.2519e+00
	1494	0.0000e+00	0.0000e+00	0.0000e+00	6.7987e+00	5.1875e+01	8.0469e+00
	1495	0.0000e+00	0.0000e+00	0.0000e+00	9.2589e+00	4.7313e+01	6.8844e+00
	1485	0.0000e+00	0.0000e+00	0.0000e+00	9.7729e+00	4.7900e+01	6.0894e+00
1124	1483	0.0000e+00	0.0000e+00	0.0000e+00	1.1759e+01	5.0907e+01	9.2605e+00
	1493	0.0000e+00	0.0000e+00	0.0000e+00	8.8931e+00	5.0364e+01	7.8655e+00
	1494	0.0000e+00	0.0000e+00	0.0000e+00	7.2417e+00	5.2818e+01	7.3285e+00
	1484	0.0000e+00	0.0000e+00	0.0000e+00	1.0841e+01	5.3441e+01	8.7235e+00
1125	1482	0.0000e+00	0.0000e+00	0.0000e+00	1.3677e+01	4.2067e+01	9.8460e+00
	1492	0.0000e+00	0.0000e+00	0.0000e+00	1.1127e+01	4.2417e+01	7.8397e+00
	1493	0.0000e+00	0.0000e+00	0.0000e+00	9.4322e+00	4.8631e+01	7.9760e+00
	1483	0.0000e+00	0.0000e+00	0.0000e+00	1.1676e+01	4.8686e+01	9.9824e+00
1126	1481	0.0000e+00	0.0000e+00	0.0000e+00	1.5691e+01	3.0297e+01	8.8934e+00
	1491	0.0000e+00	0.0000e+00	0.0000e+00	1.3264e+01	3.1687e+01	6.7379e+00
	1492	0.0000e+00	0.0000e+00	0.0000e+00	1.1523e+01	3.9624e+01	7.7577e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	1.3462e+01	3.8800e+01	9.9132e+00
1127	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.7876e+01	1.7507e+01	6.7252e+00
	1490	0.0000e+00	0.0000e+00	0.0000e+00	1.5281e+01	1.9808e+01	4.4645e+00
	1491	0.0000e+00	0.0000e+00	0.0000e+00	1.3535e+01	2.8380e+01	6.3206e+00
	1481	0.0000e+00	0.0000e+00	0.0000e+00	1.5457e+01	2.6651e+01	8.5813e+00

1128	1479	0.0000e+00	0.0000e+00	0.0000e+00	2.0162e+01	5.2574e+00	3.6647e+00
	1489	0.0000e+00	0.0000e+00	0.0000e+00	1.7140e+01	8.0039e+00	1.4363e+00
	1490	0.0000e+00	0.0000e+00	0.0000e+00	1.5421e+01	1.6333e+01	3.8342e+00
	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.7776e+01	1.3873e+01	6.0627e+00
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.1674e+01	-3.8986e+00	4.3171e-01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	1.8414e+01	-2.0828e+00	-1.0908e+00
	1489	0.0000e+00	0.0000e+00	0.0000e+00	1.7000e+01	4.9209e+00	1.0315e+00
	1479	0.0000e+00	0.0000e+00	0.0000e+00	2.0283e+01	2.1284e+00	2.5540e+00
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.0558e+01	-6.2292e+00	-1.6409e+00
	1487	0.0000e+00	0.0000e+00	0.0000e+00	1.7842e+01	-7.0984e+00	-1.0032e+00
	1488	0.0000e+00	0.0000e+00	0.0000e+00	1.7729e+01	-3.5627e+00	-4.5464e-01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.1846e+01	-5.6231e+00	-1.0923e+00
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	1.5649e+01	5.1050e-01	-1.7768e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	1.2799e+01	-1.6881e+00	2.6832e+00
	1487	0.0000e+00	0.0000e+00	0.0000e+00	1.6534e+01	-5.8083e+00	1.4499e+00
	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.0130e+01	-5.3290e+00	-3.0101e+00
1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.5505e+01	4.9166e+01	-2.1232e+00
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.2872e+01	4.6391e+01	2.4593e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	6.7063e+00	2.8493e+01	-2.5737e+00
	1476	0.0000e+00	0.0000e+00	0.0000e+00	3.0113e+01	3.6647e+01	-7.1562e+00
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.4198e+01	5.7633e+01	6.9310e+00
	1484	0.0000e+00	0.0000e+00	0.0000e+00	1.0982e+01	5.4200e+01	8.3910e+00
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.3968e+01	4.9986e+01	4.6730e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.3902e+01	5.4627e+01	3.2129e+00
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.4496e+01	5.2365e+01	1.0788e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	1.2254e+01	5.1337e+01	9.8174e+00
	1484	0.0000e+00	0.0000e+00	0.0000e+00	1.1483e+01	5.4450e+01	8.2063e+00
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.3480e+01	5.6920e+01	9.1765e+00
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.5535e+01	4.1836e+01	1.1733e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	1.4277e+01	4.1981e+01	1.0031e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	1.2763e+01	4.9117e+01	9.8885e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.3913e+01	4.9571e+01	1.1590e+01
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.6824e+01	2.8931e+01	1.1025e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	1.6459e+01	2.9869e+01	9.0409e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	1.4559e+01	3.8708e+01	9.8002e+00
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.5069e+01	3.7998e+01	1.1785e+01
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.8707e+01	1.5095e+01	9.3838e+00
	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.8873e+01	1.6852e+01	6.9916e+00
	1481	0.0000e+00	0.0000e+00	0.0000e+00	1.6691e+01	2.6078e+01	8.4320e+00
	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.6482e+01	2.4707e+01	1.0824e+01
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	2.1421e+01	1.4466e+00	6.5887e+00
	1479	0.0000e+00	0.0000e+00	0.0000e+00	2.1503e+01	4.4729e+00	3.8038e+00
	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.9257e+01	1.2844e+01	6.1039e+00
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.8537e+01	1.0876e+01	8.8888e+00
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	2.3847e+01	-9.1519e+00	1.7592e+00
	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.3352e+01	-4.7330e+00	-3.4094e-01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	2.1965e+01	8.8715e-01	3.0488e+00
	1469	0.0000e+00	0.0000e+00	0.0000e+00	2.1365e+01	-2.0545e+00	5.1489e+00
1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	2.2699e+01	-1.0733e+01	-5.0793e+00
	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.2155e+01	-6.9102e+00	-3.9619e+00
	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.3205e+01	-6.3901e+00	-2.9188e-01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	2.3707e+01	-1.0536e+01	-1.4093e+00
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	1.5196e+01	1.1611e+00	-1.0279e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	1.6600e+01	4.9671e-01	-4.3192e+00
	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.0493e+01	-5.0448e+00	-2.9582e+00
	1467	0.0000e+00	0.0000e+00	0.0000e+00	2.2282e+01	-8.6645e+00	-8.9182e+00
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	1.7245e+01	6.3770e+01	-6.4639e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.4629e+01	5.4642e+01	-9.4305e-01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	1.4377e+01	3.9517e+01	-1.0592e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	2.7668e+01	5.1340e+01	-1.6113e+01
1143	1464	0.0000e+00	0.0000e+00	0.0000e+00	1.7261e+01	6.3986e+01	7.3980e+00
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.2951e+01	5.9616e+01	7.7607e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.5562e+01	5.7385e+01	1.3044e+00

	1465	0.0000e+00	0.0000e+00	0.0000e+00	1.5318e+01	6.7034e+01	9.4173e-01
1144	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.7267e+01	5.4206e+01	1.1847e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.4351e+01	5.3088e+01	1.0843e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.3909e+01	5.8294e+01	8.6073e+00
	1464	0.0000e+00	0.0000e+00	0.0000e+00	1.5860e+01	6.2031e+01	9.6107e+00
1145	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.6552e+01	4.1666e+01	1.2279e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.5739e+01	4.1514e+01	1.1470e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.4735e+01	5.0236e+01	1.1320e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.6066e+01	5.0411e+01	1.2128e+01
1146	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.5772e+01	2.8157e+01	1.1754e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.6867e+01	2.8179e+01	1.0916e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.5550e+01	3.8229e+01	1.1335e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.5547e+01	3.7342e+01	1.2173e+01
1147	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.5754e+01	1.3912e+01	1.1171e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.8480e+01	1.4133e+01	9.7237e+00
	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.6626e+01	2.4570e+01	1.0299e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.4942e+01	2.3541e+01	1.1747e+01
1148	1459	0.0000e+00	0.0000e+00	0.0000e+00	1.7585e+01	-1.4411e+00	9.9857e+00
	1469	0.0000e+00	0.0000e+00	0.0000e+00	2.1219e+01	2.7687e-01	7.2969e+00
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.8712e+01	1.0099e+01	8.6167e+00
	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.5138e+01	8.9514e+00	1.1306e+01
1149	1458	0.0000e+00	0.0000e+00	0.0000e+00	2.2189e+01	-1.7713e+01	5.3606e+00
	1468	0.0000e+00	0.0000e+00	0.0000e+00	2.4495e+01	-1.0712e+01	1.4642e+00
	1469	0.0000e+00	0.0000e+00	0.0000e+00	2.2446e+01	-4.1678e+00	5.7128e+00
	1459	0.0000e+00	0.0000e+00	0.0000e+00	1.7059e+01	-6.3925e+00	9.6092e+00
1150	1457	0.0000e+00	0.0000e+00	0.0000e+00	2.4886e+01	-2.5387e+01	-7.1129e+00
	1467	0.0000e+00	0.0000e+00	0.0000e+00	2.4870e+01	-1.2882e+01	-8.3006e+00
	1468	0.0000e+00	0.0000e+00	0.0000e+00	2.5842e+01	-1.3793e+01	1.9651e-01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	2.1726e+01	-1.9738e+01	1.3842e+00
1151	1393	0.0000e+00	0.0000e+00	0.0000e+00	1.2721e+01	-3.1190e+00	-2.2921e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	1.8944e+01	-5.0993e-01	-1.4117e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	2.3125e+01	-1.0406e+01	-8.0450e+00
	1457	0.0000e+00	0.0000e+00	0.0000e+00	2.4760e+01	-2.0982e+01	-1.6850e+01
1152	1455	0.0000e+00	0.0000e+00	0.0000e+00	2.0827e+01	9.1801e+01	-7.9544e+00
	1465	0.0000e+00	0.0000e+00	0.0000e+00	1.2519e+01	7.1863e+01	-2.9483e+00
	1466	0.0000e+00	0.0000e+00	0.0000e+00	1.5575e+01	5.7390e+01	-2.2089e+01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	2.6992e+01	7.9014e+01	-2.7095e+01
1153	1454	0.0000e+00	0.0000e+00	0.0000e+00	2.4776e+01	7.1482e+01	1.1023e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	1.4861e+01	6.7431e+01	7.6242e+00
	1465	0.0000e+00	0.0000e+00	0.0000e+00	1.6901e+01	7.0282e+01	9.1122e-02
	1455	0.0000e+00	0.0000e+00	0.0000e+00	1.6475e+01	8.2589e+01	3.4897e+00
1154	1453	0.0000e+00	0.0000e+00	0.0000e+00	2.1637e+01	5.4897e+01	1.0676e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.7719e+01	5.4473e+01	1.0668e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	1.6910e+01	6.3664e+01	1.0088e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	2.2432e+01	6.4499e+01	1.0096e+01
1155	1452	0.0000e+00	0.0000e+00	0.0000e+00	1.7642e+01	4.1079e+01	9.7774e+00
	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.6966e+01	4.0860e+01	1.1036e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.7242e+01	5.1339e+01	1.1486e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	1.9684e+01	5.0142e+01	1.0228e+01
1156	1451	0.0000e+00	0.0000e+00	0.0000e+00	1.3568e+01	2.7853e+01	9.3635e+00
	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.5372e+01	2.7123e+01	1.0784e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.5729e+01	3.7976e+01	1.0982e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	1.5828e+01	3.6816e+01	9.5615e+00
1157	1450	0.0000e+00	0.0000e+00	0.0000e+00	9.8414e+00	1.4389e+01	9.8600e+00
	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.4288e+01	1.2741e+01	1.0848e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.4057e+01	2.4136e+01	1.0388e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	1.1891e+01	2.3487e+01	9.4004e+00
1158	1449	0.0000e+00	0.0000e+00	0.0000e+00	7.1621e+00	-5.2616e-01	1.1370e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	1.5176e+01	-2.9209e+00	1.1038e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.3400e+01	9.3435e+00	9.9961e+00
	1450	0.0000e+00	0.0000e+00	0.0000e+00	8.3257e+00	9.2106e+00	1.0328e+01
1159	1448	0.0000e+00	0.0000e+00	0.0000e+00	8.0161e+00	-1.9639e+01	1.2709e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	2.1069e+01	-1.9625e+01	8.7289e+00

	1459	0.0000e+00	0.0000e+00	0.0000e+00	1.5887e+01	-7.7959e+00	8.7587e+00
	1449	0.0000e+00	0.0000e+00	0.0000e+00	5.8677e+00	-7.8466e+00	1.2738e+01
1160	1447	0.0000e+00	0.0000e+00	0.0000e+00	2.9453e+01	-4.9845e+01	2.9014e+00
	1457	0.0000e+00	0.0000e+00	0.0000e+00	2.5835e+01	-2.8179e+01	-8.9996e+00
	1458	0.0000e+00	0.0000e+00	0.0000e+00	2.7059e+01	-2.7258e+01	4.0176e+00
	1448	0.0000e+00	0.0000e+00	0.0000e+00	6.3053e+00	-3.3858e+01	1.5919e+01
1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	5.5575e+00	-1.1438e+01	-4.4515e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	2.5423e+01	-8.0839e+00	-3.0119e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	3.1206e+01	-2.9054e+01	-9.2687e+00
	1447	0.0000e+00	0.0000e+00	0.0000e+00	2.6295e+01	-7.0974e+01	-2.3665e+01
1162	782	0.0000e+00	0.0000e+00	0.0000e+00	5.4468e+01	8.2886e+01	1.1817e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	1.7052e+01	1.1055e+02	-4.5561e+00
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-2.0619e+00	9.1194e+01	-4.5664e+01
	22	0.0000e+00	0.0000e+00	0.0000e+00	4.3420e+01	2.0813e+02	-2.9291e+01
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	3.5064e+01	6.8613e+01	4.5231e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	2.9031e+01	6.9515e+01	7.4344e+00
	1455	0.0000e+00	0.0000e+00	0.0000e+00	2.8108e+01	8.9210e+01	7.3707e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	4.1350e+01	9.0251e+01	4.4595e+00
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	2.6003e+01	5.3229e+01	3.8207e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	2.4016e+01	5.3287e+01	8.0744e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	2.6787e+01	6.6836e+01	8.7034e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	3.1068e+01	6.5528e+01	4.4497e+00
1165	779	0.0000e+00	0.0000e+00	0.0000e+00	1.8568e+01	3.9949e+01	3.4574e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	1.8435e+01	3.9885e+01	7.4507e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	2.1485e+01	5.1141e+01	7.9600e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	2.2875e+01	4.9972e+01	3.9667e+00
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	1.1791e+01	2.7404e+01	3.3379e+00
	1451	0.0000e+00	0.0000e+00	0.0000e+00	1.3078e+01	2.6865e+01	7.1153e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	1.5951e+01	3.7526e+01	7.2221e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	1.5877e+01	3.6755e+01	3.4448e+00
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	4.7457e+00	1.4746e+01	3.6910e+00
	1450	0.0000e+00	0.0000e+00	0.0000e+00	7.7464e+00	1.3281e+01	7.6296e+00
	1451	0.0000e+00	0.0000e+00	0.0000e+00	1.0565e+01	2.4498e+01	7.0995e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	9.1826e+00	2.4184e+01	3.1610e+00
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	-3.8423e+00	6.5548e-01	4.8041e+00
	1449	0.0000e+00	0.0000e+00	0.0000e+00	2.1604e+00	-2.4290e+00	9.4209e+00
	1450	0.0000e+00	0.0000e+00	0.0000e+00	4.9950e+00	1.1149e+01	7.9259e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	1.8276e+00	1.1311e+01	3.3092e+00
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.5984e+01	-1.8401e+01	7.1551e+00
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-3.0785e+00	-2.4213e+01	1.2757e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-1.0425e+00	-4.0416e+00	9.8046e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	-7.7009e+00	-3.4425e+00	4.2028e+00
1170	774	0.0000e+00	0.0000e+00	0.0000e+00	-4.1168e+01	-5.6766e+01	1.1590e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	4.8973e+00	-6.2708e+01	1.5936e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-6.1879e+00	-2.8100e+01	1.0637e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-2.2077e+01	-2.2535e+01	6.2908e+00
1171	21	0.0000e+00	0.0000e+00	0.0000e+00	-3.0399e+01	-3.1805e+02	-6.2306e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	7.2045e+01	-3.1249e+01	-1.0395e+02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	3.4644e+01	-1.1276e+02	-7.8329e+00
	774	0.0000e+00	0.0000e+00	0.0000e+00	-6.9712e+01	-3.4673e+01	3.3813e+01
1172	1436	0.0000e+00	0.0000e+00	0.0000e+00	-7.4840e+00	2.7381e+01	5.2214e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	2.1129e+00	2.1094e+01	-3.9786e+00
	32	0.0000e+00	0.0000e+00	0.0000e+00	-2.2187e+01	3.8554e+01	1.1946e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	-1.8259e+00	8.3052e-01	2.1146e+01
1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	2.0910e+00	2.6235e+01	-1.6178e-01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	2.2112e+00	2.0068e+01	-2.6295e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	2.9255e+00	3.4707e+01	-3.2700e-01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-3.6236e+00	2.3995e+01	2.1407e+00
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	4.9340e+00	2.2263e+01	-2.5264e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	1.1911e+00	1.5396e+01	-3.5068e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	2.7524e+00	3.2717e+01	-2.6436e+00
	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.3859e+00	2.4145e+01	-1.6631e+00
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	6.3734e+00	1.7344e+01	-3.6164e+00



	1443	0.0000e+00	0.0000e+00	0.0000e+00	-1.4490e-02	8.5289e+00	-4.4628e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	1.9314e+00	3.0662e+01	-3.7262e+00
	1434	0.0000e+00	0.0000e+00	0.0000e+00	2.7124e+00	2.0393e+01	-2.8798e+00
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	7.2703e+00	1.0979e+01	-4.6563e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.7312e+00	-5.5944e-01	-5.3723e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	9.3715e-01	2.8141e+01	-4.5354e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	3.1511e+00	1.4951e+01	-3.8194e+00
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	7.4569e+00	2.9096e+00	-5.7895e+00
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-4.7294e+00	-1.2366e+01	-6.0685e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-6.9977e-01	2.5008e+01	-5.1831e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	2.8618e+00	7.9849e+00	-4.9041e+00
1178	1430	0.0000e+00	0.0000e+00	0.0000e+00	6.5374e+00	-7.1807e+00	-6.7634e+00
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.0013e+01	-2.7632e+01	-6.1942e+00
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-3.7977e+00	2.1153e+01	-5.4796e+00
	1431	0.0000e+00	0.0000e+00	0.0000e+00	1.4757e+00	-7.0844e-01	-6.0488e+00
1179	1429	0.0000e+00	0.0000e+00	0.0000e+00	4.3347e+00	-1.9521e+01	-6.8258e+00
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.8856e+01	-4.7433e+01	-5.0282e+00
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-9.4131e+00	1.6537e+01	-4.9887e+00
	1430	0.0000e+00	0.0000e+00	0.0000e+00	-1.4657e+00	-1.1453e+01	-6.7864e+00
1180	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.9463e+00	-3.3847e+01	-3.9935e+00
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-3.2616e+01	-7.3697e+01	-1.1221e+00
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.8824e+01	1.1497e+01	-2.9691e+00
	1429	0.0000e+00	0.0000e+00	0.0000e+00	-6.0272e+00	-2.4708e+01	-5.8405e+00
1181	1427	0.0000e+00	0.0000e+00	0.0000e+00	2.1974e+01	-3.7081e+01	1.1983e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	-6.1497e+01	-1.1349e+02	1.0771e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-3.3439e+01	1.2050e+01	1.6658e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	-8.5418e+00	-4.6387e+01	2.8783e+00
1182	1425	0.0000e+00	0.0000e+00	0.0000e+00	4.1225e+00	1.3280e+01	3.3268e+00
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-1.1516e+00	2.1044e+01	8.4655e+00
	1437	0.0000e+00	0.0000e+00	0.0000e+00	3.6893e+00	7.2225e-01	1.1007e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	9.6942e+00	3.4705e+00	5.8681e+00
1183	1424	0.0000e+00	0.0000e+00	0.0000e+00	2.6221e+00	2.2219e+01	2.6826e-01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	2.6268e+00	2.5190e+01	-7.4911e-01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-4.6607e-01	2.2274e+01	3.3834e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	3.6535e+00	1.7087e+01	4.4008e+00
1184	1423	0.0000e+00	0.0000e+00	0.0000e+00	5.6045e+00	2.0650e+01	-1.7059e+00
	1434	0.0000e+00	0.0000e+00	0.0000e+00	4.9458e+00	2.2920e+01	-3.5506e+00
	1435	0.0000e+00	0.0000e+00	0.0000e+00	2.5863e+00	2.2660e+01	-1.8117e+00
	1424	0.0000e+00	0.0000e+00	0.0000e+00	4.2261e+00	2.1498e+01	3.2926e-02
1185	1422	0.0000e+00	0.0000e+00	0.0000e+00	8.8277e+00	1.5688e+01	-3.2695e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	6.8084e+00	1.8355e+01	-5.1397e+00
	1434	0.0000e+00	0.0000e+00	0.0000e+00	5.1506e+00	1.9096e+01	-3.8461e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	6.6958e+00	1.9209e+01	-1.9758e+00
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	1.1865e+01	8.8168e+00	-5.1750e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	8.3122e+00	1.2286e+01	-6.9356e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	6.9425e+00	1.3538e+01	-5.3441e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	9.6667e+00	1.3866e+01	-3.5835e+00
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	1.4745e+01	3.2497e-01	-7.5468e+00
	1431	0.0000e+00	0.0000e+00	0.0000e+00	9.2714e+00	4.7327e+00	-9.1145e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	8.1924e+00	6.2764e+00	-7.0944e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	1.2648e+01	6.6964e+00	-5.5266e+00
1188	1419	0.0000e+00	0.0000e+00	0.0000e+00	1.7481e+01	-9.6480e+00	-1.0124e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	9.5015e+00	-4.4200e+00	-1.1425e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	8.7363e+00	-2.8279e+00	-9.1554e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	1.5609e+01	-2.0806e+00	-7.8542e+00
1189	1418	0.0000e+00	0.0000e+00	0.0000e+00	2.0033e+01	-2.0136e+01	-1.1864e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	9.1130e+00	-1.5042e+01	-1.2902e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	8.3343e+00	-1.3991e+01	-1.1176e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	1.8708e+01	-1.2303e+01	-1.0138e+01
1190	1417	0.0000e+00	0.0000e+00	0.0000e+00	2.1204e+01	-2.7710e+01	-9.5395e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.0284e+01	-2.6054e+01	-1.0580e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	7.0088e+00	-2.7392e+01	-1.2069e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	2.2371e+01	-2.2797e+01	-1.1028e+01

1191	1416	0.0000e+00	0.0000e+00	0.0000e+00	2.0407e+01	-2.4736e+01	-9.1467e-02
	1427	0.0000e+00	0.0000e+00	0.0000e+00	4.4491e+00	-2.7745e+01	3.1067e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	6.4593e+00	-4.1556e+01	-4.6617e+00
	1417	0.0000e+00	0.0000e+00	0.0000e+00	2.4877e+01	-2.9230e+01	-7.8598e+00
1192	1414	0.0000e+00	0.0000e+00	0.0000e+00	8.6869e+00	1.2696e+01	-9.2106e-01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	6.2855e+00	1.2494e+01	4.4085e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	1.1864e+01	4.2113e+00	3.9259e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	1.3907e+01	4.9622e+00	-1.4036e+00
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	5.6395e+00	2.0154e+01	4.2063e-01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	4.5681e+00	2.0584e+01	1.9487e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	5.9875e+00	1.7110e+01	2.5619e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	7.3166e+00	1.6329e+01	1.0338e+00
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	7.2304e+00	1.9503e+01	1.0672e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	6.5335e+00	2.0130e+01	-5.3746e-01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	4.8519e+00	2.1190e+01	2.1580e-01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	5.6604e+00	2.0330e+01	1.8205e+00
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	1.0772e+01	1.4380e+01	3.6855e-01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	9.7688e+00	1.5494e+01	-2.3117e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	7.3137e+00	1.8714e+01	-1.2971e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	7.7961e+00	1.7825e+01	1.3832e+00
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	1.4847e+01	7.1766e+00	-1.2669e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	1.3316e+01	8.6862e+00	-4.2633e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	1.0633e+01	1.3208e+01	-2.8598e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	1.1457e+01	1.1947e+01	1.3654e-01
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	1.9360e+01	-1.5231e+00	-3.3378e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	1.6959e+01	3.0715e-01	-6.5975e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	1.4121e+01	5.8806e+00	-4.8705e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	1.5593e+01	4.3016e+00	-1.6107e+00
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	2.4336e+01	-1.1344e+01	-5.6088e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	2.0718e+01	-9.3887e+00	-9.1364e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	1.7694e+01	-2.9860e+00	-7.2254e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	2.0212e+01	-4.8032e+00	-3.6978e+00
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	2.8892e+01	-2.0339e+01	-7.6413e+00
	1418	0.0000e+00	0.0000e+00	0.0000e+00	2.4279e+01	-1.9364e+01	-1.0884e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	2.1220e+01	-1.2855e+01	-9.4190e+00
	1408	0.0000e+00	0.0000e+00	0.0000e+00	2.5381e+01	-1.4772e+01	-6.1764e+00
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	3.0582e+01	-2.3953e+01	-8.0880e+00
	1417	0.0000e+00	0.0000e+00	0.0000e+00	2.6152e+01	-2.6081e+01	-9.3584e+00
	1418	0.0000e+00	0.0000e+00	0.0000e+00	2.4108e+01	-2.1744e+01	-9.8698e+00
	1407	0.0000e+00	0.0000e+00	0.0000e+00	3.0052e+01	-2.2862e+01	-8.5993e+00
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	2.7427e+01	-1.7622e+01	-5.7885e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	2.1899e+01	-2.1674e+01	-2.4530e+00
	1417	0.0000e+00	0.0000e+00	0.0000e+00	2.4961e+01	-2.5483e+01	-5.5911e+00
	1406	0.0000e+00	0.0000e+00	0.0000e+00	3.1123e+01	-2.3340e+01	-8.9266e+00
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	7.8008e+00	1.7752e+01	-6.9333e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	8.4252e+00	1.3391e+01	-8.3889e-01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	1.3632e+01	5.9144e+00	-3.7403e+00
	1404	0.0000e+00	0.0000e+00	0.0000e+00	1.4943e+01	7.2813e+00	-9.8348e+00
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	6.2260e+00	2.3156e+01	4.9383e-01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	5.3122e+00	2.0699e+01	1.8701e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	7.4167e+00	1.7014e+01	-1.3962e+00
	1403	0.0000e+00	0.0000e+00	0.0000e+00	6.9103e+00	2.1004e+01	-2.7725e+00
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	8.4981e+00	1.9722e+01	4.2388e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	7.2275e+00	1.9584e+01	2.3317e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	6.1444e+00	2.0519e+01	1.2130e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	5.7167e+00	2.2589e+01	3.1201e+00
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.1690e+01	1.3200e+01	4.1612e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	1.1100e+01	1.4071e+01	1.3520e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	8.4513e+00	1.7615e+01	1.8850e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	8.6464e+00	1.7435e+01	4.6942e+00
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.5107e+01	5.7043e+00	2.7715e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	1.5356e+01	6.7082e+00	-2.5105e-01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	1.2113e+01	1.1511e+01	8.2911e-01

	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.2225e+01	1.0383e+01	3.8517e+00
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	1.9240e+01	-2.9863e+00	1.4004e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	1.9998e+01	-1.9572e+00	-2.1074e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	1.6272e+01	3.7058e+00	-9.8540e-01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.5858e+01	2.5200e+00	2.5225e+00
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	2.4658e+01	-1.3267e+01	-8.6337e-02
	1408	0.0000e+00	0.0000e+00	0.0000e+00	2.5256e+01	-1.1662e+01	-4.3554e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	2.1110e+01	-5.5946e+00	-2.9890e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.0153e+01	-6.6875e+00	1.2801e+00
1209	1396	0.0000e+00	0.0000e+00	0.0000e+00	3.0521e+01	-2.3340e+01	-3.0209e+00
	1407	0.0000e+00	0.0000e+00	0.0000e+00	3.0292e+01	-2.0527e+01	-7.2481e+00
	1408	0.0000e+00	0.0000e+00	0.0000e+00	2.6637e+01	-1.5685e+01	-5.0353e+00
	1397	0.0000e+00	0.0000e+00	0.0000e+00	2.5610e+01	-1.7240e+01	-8.0808e-01
1210	1395	0.0000e+00	0.0000e+00	0.0000e+00	3.2501e+01	-2.6600e+01	-8.4909e+00
	1406	0.0000e+00	0.0000e+00	0.0000e+00	3.2370e+01	-2.3894e+01	-9.6848e+00
	1407	0.0000e+00	0.0000e+00	0.0000e+00	3.1221e+01	-2.3306e+01	-6.9305e+00
	1396	0.0000e+00	0.0000e+00	0.0000e+00	3.1231e+01	-2.6037e+01	-5.7366e+00
1211	1394	0.0000e+00	0.0000e+00	0.0000e+00	2.6916e+01	-1.5205e+01	-1.2949e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	2.7912e+01	-1.6818e+01	-8.3382e+00
	1406	0.0000e+00	0.0000e+00	0.0000e+00	3.1289e+01	-2.2429e+01	-7.8629e+00
	1395	0.0000e+00	0.0000e+00	0.0000e+00	3.2882e+01	-2.4980e+01	-1.2474e+01
1212	1392	0.0000e+00	0.0000e+00	0.0000e+00	4.7178e+00	3.1358e+01	-1.3945e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	6.1278e+00	2.0082e+01	-5.7076e+00
	1404	0.0000e+00	0.0000e+00	0.0000e+00	1.1701e+01	9.6058e+00	-1.3745e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	1.5836e+01	1.4196e+01	-2.1982e+01
1213	1391	0.0000e+00	0.0000e+00	0.0000e+00	8.1269e+00	2.9466e+01	3.7021e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	4.2728e+00	2.5888e+01	2.1910e+00
	1403	0.0000e+00	0.0000e+00	0.0000e+00	5.4348e+00	2.2925e+01	-5.5613e+00
	1392	0.0000e+00	0.0000e+00	0.0000e+00	3.9031e+00	3.4650e+01	-4.0502e+00
1214	1390	0.0000e+00	0.0000e+00	0.0000e+00	1.1633e+01	2.0242e+01	8.0973e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	8.1389e+00	2.0357e+01	5.0790e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	6.5707e+00	2.3433e+01	3.1883e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	7.0855e+00	2.7281e+01	6.2065e+00
1215	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.2910e+01	1.1855e+01	6.7041e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.2023e+01	1.2597e+01	4.6867e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	9.6474e+00	1.7654e+01	5.4893e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	1.1198e+01	1.6812e+01	7.5066e+00
1216	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.3713e+01	4.6075e+00	5.1949e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.5158e+01	4.8270e+00	3.5144e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.2571e+01	1.0393e+01	4.3954e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.2895e+01	8.8729e+00	6.0759e+00
1217	1387	0.0000e+00	0.0000e+00	0.0000e+00	1.5194e+01	-3.3271e+00	4.8317e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	1.8664e+01	-3.8321e+00	2.6390e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.5498e+01	2.5012e+00	2.8556e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.3917e+01	1.5686e+00	5.0483e+00
1218	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.8657e+01	-1.3912e+01	5.2176e+00
	1397	0.0000e+00	0.0000e+00	0.0000e+00	2.3492e+01	-1.4132e+01	1.6727e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	1.9413e+01	-6.9062e+00	1.6809e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	1.5553e+01	-7.1427e+00	5.2258e+00
1219	1385	0.0000e+00	0.0000e+00	0.0000e+00	2.5767e+01	-2.8551e+01	3.4125e+00
	1396	0.0000e+00	0.0000e+00	0.0000e+00	2.9516e+01	-2.4510e+01	-1.9796e+00
	1397	0.0000e+00	0.0000e+00	0.0000e+00	2.5423e+01	-1.8462e+01	2.7879e-01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.8935e+01	-1.8879e+01	5.6710e+00
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	3.1835e+01	-3.9572e+01	-7.0629e+00
	1395	0.0000e+00	0.0000e+00	0.0000e+00	3.3721e+01	-2.8421e+01	-1.0816e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	3.2329e+01	-2.8852e+01	-3.3013e+00
	1385	0.0000e+00	0.0000e+00	0.0000e+00	2.5622e+01	-3.2536e+01	4.5178e-01
1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	2.1501e+01	-1.9583e+01	-2.4224e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	2.8897e+01	-1.6899e+01	-1.6952e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	3.3163e+01	-2.6603e+01	-1.0323e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	3.1969e+01	-3.7005e+01	-1.7594e+01
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	8.5546e+00	8.8332e+01	-1.7683e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-5.8706e+00	4.0193e+01	-4.9636e+00

	1393	0.0000e+00	0.0000e+00	0.0000e+00	8.0337e+00	2.0219e+01	-2.9529e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	2.0424e+01	2.0572e+01	-4.2248e+01
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	2.1005e+01	3.7486e+01	1.4917e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	4.5147e+00	3.4618e+01	4.8906e+00
	1392	0.0000e+00	0.0000e+00	0.0000e+00	4.4919e+00	3.6920e+01	-3.6074e+00
	1381	0.0000e+00	0.0000e+00	0.0000e+00	7.1164e-01	5.0827e+01	6.4188e+00
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	1.8669e+01	1.8656e+01	8.7286e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	1.2981e+01	1.9856e+01	7.2554e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	9.6200e+00	2.8686e+01	9.0291e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	1.9046e+01	2.6384e+01	1.0502e+01
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	1.5016e+01	9.7297e+00	5.4058e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.3993e+01	1.0508e+01	6.1562e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	1.3148e+01	1.7432e+01	8.0834e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	1.7382e+01	1.4405e+01	7.3330e+00
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	1.1613e+01	3.7054e+00	4.0424e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.3639e+01	3.3929e+00	5.0172e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.3203e+01	9.2762e+00	5.8283e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	1.4024e+01	7.3625e+00	4.8536e+00
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	8.6657e+00	-2.5481e+00	4.5625e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	1.3687e+01	-4.3836e+00	5.1667e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.2751e+01	2.1788e+00	4.5514e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	1.0827e+01	1.5579e+00	3.9472e+00
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	6.3783e+00	-1.1649e+01	7.0703e+00
	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.5396e+01	-1.5120e+01	6.6769e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	1.3041e+01	-6.2495e+00	4.6071e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	7.9353e+00	-5.6347e+00	5.0006e+00
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	7.0649e+00	-2.7344e+01	1.0877e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	2.1667e+01	-3.0395e+01	7.3406e+00
	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.5979e+01	-1.8818e+01	5.0618e+00
	1375	0.0000e+00	0.0000e+00	0.0000e+00	5.5866e+00	-1.7370e+01	8.5981e+00
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	2.9572e+01	-5.7491e+01	6.5627e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	3.0216e+01	-4.2088e+01	-6.4290e+00
	1385	0.0000e+00	0.0000e+00	0.0000e+00	2.7890e+01	-3.8369e+01	2.5232e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	5.5723e+00	-4.0638e+01	1.5515e+01
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	1.1490e+01	-2.4809e+01	-4.4206e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	2.7581e+01	-2.5607e+01	-3.2061e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	4.0952e+01	-4.5940e+01	-7.4993e+00
	1373	0.0000e+00	0.0000e+00	0.0000e+00	2.2727e+01	-9.5224e+01	-1.9643e+01
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	8.4693e+01	1.0576e+01	1.7152e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	1.6210e+01	1.2066e+02	-9.5982e+00
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-5.3688e+01	4.7046e+01	-9.7643e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	1.0039e+02	3.3094e+02	-7.0892e+01
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	4.1626e+01	2.8108e+01	8.8362e-01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	3.1909e+01	2.8845e+01	1.0149e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	3.8283e+01	6.3976e+01	1.2379e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	5.4028e+01	6.0312e+01	3.1134e+00
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	2.5459e+01	1.4158e+01	-2.1433e-01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	2.3188e+01	1.5180e+01	6.4819e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	2.7394e+01	2.9414e+01	8.8786e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	3.4823e+01	2.5704e+01	2.1823e+00
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	1.6241e+01	7.5114e+00	-6.4426e-01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	1.6502e+01	7.9361e+00	3.9327e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	2.0041e+01	1.5241e+01	5.2023e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	2.1977e+01	1.3160e+01	6.2535e-01
1236	670	0.0000e+00	0.0000e+00	0.0000e+00	9.6804e+00	2.8813e+00	-7.8275e-01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	1.1462e+01	2.6134e+00	2.7362e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	1.4240e+01	7.8045e+00	3.1155e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	1.4033e+01	6.7880e+00	-4.0350e-01
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	3.4506e+00	-2.1118e+00	-3.4210e-01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	6.9428e+00	-3.4445e+00	3.0685e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	9.4613e+00	2.3254e+00	2.5027e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	7.8432e+00	2.1096e+00	-9.0789e-01
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	-4.6712e+00	-9.8821e+00	1.0708e+00

	1375	0.0000e+00	0.0000e+00	0.0000e+00	1.9018e+00	-1.2988e+01	5.3532e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	4.6177e+00	-3.9009e+00	3.4788e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	1.2904e+00	-3.3067e+00	-8.0365e-01
1239	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.7875e+01	-2.4956e+01	4.0253e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-4.0370e+00	-3.0969e+01	1.0187e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-1.3363e+00	-1.3552e+01	6.3378e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	-8.0897e+00	-1.1965e+01	1.7573e-01
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	-3.9109e+01	-6.4000e+01	7.9317e+00
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-9.2384e+00	-7.1274e+01	1.5561e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-8.2103e+00	-3.2016e+01	1.0612e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-2.4677e+01	-2.9521e+01	2.9823e+00
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	-5.5772e+01	-3.4809e+02	-6.5398e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	8.1308e+01	-5.0422e+01	-1.0358e+02
	1373	0.0000e+00	0.0000e+00	0.0000e+00	1.7511e+01	-1.3154e+02	-8.9956e+00
	666	0.0000e+00	0.0000e+00	0.0000e+00	-6.9336e+01	-2.0583e+01	2.9183e+01
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	-8.2259e+00	2.6639e+01	7.8234e+00
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-6.7834e-01	2.4088e+01	-1.0682e+00
	30	0.0000e+00	0.0000e+00	0.0000e+00	-2.4786e+01	3.1454e+01	1.4139e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-2.1356e+00	-1.1181e+00	2.3031e+01
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	1.7757e+00	2.6855e+01	3.2223e+00
	1370	0.0000e+00	0.0000e+00	0.0000e+00	2.7482e-01	2.3749e+01	5.7954e-01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-7.5776e-02	3.0932e+01	2.5665e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-3.2287e+00	2.3904e+01	5.2092e+00
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	5.2078e+00	2.3791e+01	1.2132e+00
	1369	0.0000e+00	0.0000e+00	0.0000e+00	3.4520e-01	1.9028e+01	-1.4713e-01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	8.7324e-01	3.1519e+01	6.4220e-01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	1.9232e+00	2.5197e+01	2.0026e+00
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	7.1969e+00	1.9326e+01	7.7657e-02
	1368	0.0000e+00	0.0000e+00	0.0000e+00	2.0211e-01	1.1974e+01	-1.1875e+00
	1369	0.0000e+00	0.0000e+00	0.0000e+00	1.2528e+00	3.1128e+01	-3.3210e-01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	3.5826e+00	2.2088e+01	9.3307e-01
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	8.5219e+00	1.3195e+01	-1.2942e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-5.8653e-01	2.7835e+00	-2.3832e+00
	1368	0.0000e+00	0.0000e+00	0.0000e+00	1.3464e+00	2.9554e+01	-1.2835e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	4.3825e+00	1.6973e+01	-1.9460e-01
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	9.0112e+00	5.3220e+00	-2.9441e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-2.8125e+00	-8.8949e+00	-3.5192e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	6.1100e-01	2.6876e+01	-2.2771e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	4.4225e+00	1.0207e+01	-1.7021e+00
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	8.3257e+00	-4.4632e+00	-4.5252e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-7.4302e+00	-2.3694e+01	-4.1923e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-1.7646e+00	2.3185e+01	-3.0725e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	3.3348e+00	1.7435e+00	-3.4054e+00
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	6.4089e+00	-1.6271e+01	-5.1973e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-1.5575e+01	-4.2605e+01	-3.6519e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-6.7585e+00	1.8604e+01	-3.1967e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	7.2353e-01	-8.6290e+00	-4.7420e+00
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	4.6207e+00	-2.9656e+01	-2.8464e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-2.8303e+01	-6.7422e+01	-4.3124e-01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-1.5473e+01	1.3545e+01	-1.9063e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	-3.3155e+00	-2.1310e+01	-4.3215e+00
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	2.3355e+01	-3.1380e+01	1.2994e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-5.2735e+01	-1.0452e+02	1.0843e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-2.8909e+01	1.3470e+01	1.6509e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	-4.8293e+00	-4.1527e+01	3.8015e+00
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	6.1566e+00	1.3545e+01	6.8246e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-7.5586e-01	2.0450e+01	1.1852e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	4.0401e+00	-4.7292e-01	1.3839e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	1.1547e+01	2.5104e+00	8.8115e+00
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	4.7082e+00	2.3386e+01	4.3459e+00
	1360	0.0000e+00	0.0000e+00	0.0000e+00	3.3719e+00	2.5798e+01	3.2355e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	2.4197e-01	2.2820e+01	7.0981e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	5.5880e+00	1.7607e+01	8.2085e+00

1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	7.6201e+00	2.2215e+01	2.5086e+00
	1359	0.0000e+00	0.0000e+00	0.0000e+00	6.0154e+00	2.4278e+01	5.9309e-01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	3.5921e+00	2.4179e+01	2.3523e+00
	1349	0.0000e+00	0.0000e+00	0.0000e+00	6.1619e+00	2.2769e+01	4.2679e+00
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	1.0703e+01	1.7362e+01	7.2509e-01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	8.1550e+00	2.0081e+01	-1.1894e+00
	1359	0.0000e+00	0.0000e+00	0.0000e+00	6.4075e+00	2.1071e+01	3.3623e-01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	8.5714e+00	2.0778e+01	2.2508e+00
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	1.3540e+01	1.0522e+01	-1.6436e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	9.8539e+00	1.4188e+01	-3.4015e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	8.4104e+00	1.5689e+01	-1.4533e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	1.1422e+01	1.5508e+01	3.0455e-01
1257	1345	0.0000e+00	0.0000e+00	0.0000e+00	1.6172e+01	2.1558e+00	-4.5932e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.0928e+01	6.7918e+00	-6.1111e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	9.8011e+00	8.5237e+00	-3.6931e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	1.4223e+01	8.3865e+00	-2.1752e+00
1258	1344	0.0000e+00	0.0000e+00	0.0000e+00	1.8639e+01	-7.4649e+00	-7.7372e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.1237e+01	-2.0846e+00	-8.9655e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.0427e+01	-4.0312e-01	-6.3355e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	1.6959e+01	-2.1449e-01	-5.1073e+00
1259	1343	0.0000e+00	0.0000e+00	0.0000e+00	2.0931e+01	-1.7273e+01	-9.9211e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.0971e+01	-1.2213e+01	-1.0899e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.0100e+01	-1.1183e+01	-8.9269e+00
	1344	0.0000e+00	0.0000e+00	0.0000e+00	1.9822e+01	-1.0015e+01	-7.9495e+00
1260	1342	0.0000e+00	0.0000e+00	0.0000e+00	2.1884e+01	-2.3765e+01	-7.8708e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	1.2243e+01	-2.2423e+01	-8.8409e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	8.9208e+00	-2.3856e+01	-1.0242e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	2.3241e+01	-1.9748e+01	-9.2722e+00
1261	1341	0.0000e+00	0.0000e+00	0.0000e+00	2.0998e+01	-1.9407e+01	1.2127e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	6.4199e+00	-2.2805e+01	4.4718e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	8.6147e+00	-3.6545e+01	-3.1125e+00
	1342	0.0000e+00	0.0000e+00	0.0000e+00	2.5407e+01	-2.4972e+01	-6.3716e+00
1262	1339	0.0000e+00	0.0000e+00	0.0000e+00	1.1791e+01	1.3632e+01	2.5280e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	8.5357e+00	1.3028e+01	7.9477e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	1.4159e+01	3.6745e+00	6.9433e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	1.7150e+01	5.0541e+00	1.5236e+00
1263	1338	0.0000e+00	0.0000e+00	0.0000e+00	8.5584e+00	2.1599e+01	4.3662e+00
	1349	0.0000e+00	0.0000e+00	0.0000e+00	6.8197e+00	2.1870e+01	6.0092e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	8.3711e+00	1.7924e+01	6.3616e+00
	1339	0.0000e+00	0.0000e+00	0.0000e+00	1.0336e+01	1.7499e+01	4.7186e+00
1264	1337	0.0000e+00	0.0000e+00	0.0000e+00	9.8785e+00	2.0931e+01	5.0900e+00
	1348	0.0000e+00	0.0000e+00	0.0000e+00	8.7022e+00	2.1667e+01	3.6269e+00
	1349	0.0000e+00	0.0000e+00	0.0000e+00	7.1821e+00	2.2617e+01	4.3970e+00
	1338	0.0000e+00	0.0000e+00	0.0000e+00	8.4339e+00	2.1832e+01	5.8602e+00
1265	1336	0.0000e+00	0.0000e+00	0.0000e+00	1.3049e+01	1.5608e+01	4.0919e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	1.1777e+01	1.7020e+01	1.6008e+00
	1348	0.0000e+00	0.0000e+00	0.0000e+00	9.5065e+00	2.0320e+01	2.8653e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	1.0272e+01	1.9236e+01	5.3564e+00
1266	1335	0.0000e+00	0.0000e+00	0.0000e+00	1.6654e+01	8.2659e+00	1.9102e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	1.5078e+01	1.0165e+01	-8.3593e-01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	1.2609e+01	1.4801e+01	9.5867e-01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	1.3559e+01	1.3157e+01	3.7049e+00
1267	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.0620e+01	-3.4330e-01	-8.0332e-01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	1.8400e+01	1.8742e+00	-3.7537e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	1.5802e+01	7.4702e+00	-1.5948e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	1.7240e+01	5.4260e+00	1.3556e+00
1268	1333	0.0000e+00	0.0000e+00	0.0000e+00	2.4996e+01	-9.7295e+00	-3.6753e+00
	1344	0.0000e+00	0.0000e+00	0.0000e+00	2.1790e+01	-7.4737e+00	-6.8477e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	1.9021e+01	-1.2328e+00	-4.5567e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.1337e+01	-3.4994e+00	-1.3844e+00
1269	1332	0.0000e+00	0.0000e+00	0.0000e+00	2.8940e+01	-1.7904e+01	-6.1658e+00
	1343	0.0000e+00	0.0000e+00	0.0000e+00	2.4966e+01	-1.6751e+01	-9.0299e+00
	1344	0.0000e+00	0.0000e+00	0.0000e+00	2.2168e+01	-1.0661e+01	-7.2986e+00

	1333	0.0000e+00	0.0000e+00	0.0000e+00	2.5935e+01	-1.2925e+01	-4.4345e+00
1270	1331	0.0000e+00	0.0000e+00	0.0000e+00	3.0077e+01	-2.0365e+01	-6.9225e+00
	1342	0.0000e+00	0.0000e+00	0.0000e+00	2.6430e+01	-2.2357e+01	-7.8105e+00
	1343	0.0000e+00	0.0000e+00	0.0000e+00	2.4691e+01	-1.8766e+01	-8.1548e+00
	1332	0.0000e+00	0.0000e+00	0.0000e+00	3.0017e+01	-2.0079e+01	-7.2668e+00
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	2.6282e+01	-1.2627e+01	-4.8955e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	2.1871e+01	-1.6614e+01	-1.1662e+00
	1342	0.0000e+00	0.0000e+00	0.0000e+00	2.5177e+01	-2.1327e+01	-4.1919e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	3.0532e+01	-1.9341e+01	-7.9212e+00
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.1600e+01	1.9345e+01	-3.7562e+00
	1339	0.0000e+00	0.0000e+00	0.0000e+00	1.1650e+01	1.4519e+01	2.6061e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	1.7063e+01	6.3732e+00	-7.5703e-01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.9079e+01	8.1865e+00	-7.1194e+00
1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	9.7177e+00	2.4848e+01	4.1835e+00
	1338	0.0000e+00	0.0000e+00	0.0000e+00	8.3118e+00	2.2229e+01	5.7623e+00
	1339	0.0000e+00	0.0000e+00	0.0000e+00	1.0679e+01	1.8419e+01	2.2462e+00
	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.0550e+01	2.2741e+01	6.6739e-01
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	1.1635e+01	2.0945e+01	7.9426e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	9.9755e+00	2.0970e+01	6.2385e+00
	1338	0.0000e+00	0.0000e+00	0.0000e+00	9.1672e+00	2.2108e+01	5.1856e+00
	1327	0.0000e+00	0.0000e+00	0.0000e+00	8.9906e+00	2.4211e+01	6.8897e+00
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.4337e+01	1.3908e+01	7.4413e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	1.3498e+01	1.5147e+01	4.9148e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	1.1163e+01	1.8996e+01	5.7683e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	1.1552e+01	1.8549e+01	8.2949e+00
1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.7146e+01	6.1163e+00	5.3948e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	1.7279e+01	7.5793e+00	2.7430e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	1.4405e+01	1.2612e+01	4.2819e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.4647e+01	1.1038e+01	6.9337e+00
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	2.0584e+01	-2.5045e+00	3.2952e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.1344e+01	-1.0177e+00	2.3563e-01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	1.8039e+01	4.6840e+00	1.8502e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.7689e+01	2.9834e+00	4.9098e+00
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	2.5223e+01	-1.2235e+01	1.1396e+00
	1333	0.0000e+00	0.0000e+00	0.0000e+00	2.5944e+01	-1.0276e+01	-2.6056e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.2262e+01	-4.4306e+00	-8.1005e-01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	2.1316e+01	-6.0166e+00	2.9351e+00
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	3.0258e+01	-2.1270e+01	-2.2612e+00
	1332	0.0000e+00	0.0000e+00	0.0000e+00	3.0288e+01	-1.8283e+01	-5.9179e+00
	1333	0.0000e+00	0.0000e+00	0.0000e+00	2.7109e+01	-1.3939e+01	-3.4279e+00
	1322	0.0000e+00	0.0000e+00	0.0000e+00	2.6027e+01	-1.5867e+01	2.2877e-01
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	3.1629e+01	-2.3232e+01	-7.9104e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	3.1676e+01	-2.0446e+01	-8.6117e+00
	1332	0.0000e+00	0.0000e+00	0.0000e+00	3.1026e+01	-2.0595e+01	-5.7232e+00
	1321	0.0000e+00	0.0000e+00	0.0000e+00	3.0857e+01	-2.3511e+01	-5.0219e+00
1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	2.5114e+01	-1.0473e+01	-1.2594e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	2.6992e+01	-1.1925e+01	-7.5188e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	3.0521e+01	-1.8579e+01	-6.9227e+00
	1320	0.0000e+00	0.0000e+00	0.0000e+00	3.1868e+01	-2.1208e+01	-1.1997e+01
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	9.2036e+00	3.3762e+01	-1.1311e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	9.9982e+00	2.1867e+01	-2.5651e+00
	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.5965e+01	1.0875e+01	-1.1158e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	2.0960e+01	1.5944e+01	-1.9904e+01
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	1.2333e+01	3.1365e+01	7.1207e+00
	1327	0.0000e+00	0.0000e+00	0.0000e+00	7.7956e+00	2.7694e+01	5.7896e+00
	1328	0.0000e+00	0.0000e+00	0.0000e+00	9.2791e+00	2.4875e+01	-2.2704e+00
	1317	0.0000e+00	0.0000e+00	0.0000e+00	8.1524e+00	3.7115e+01	-9.3924e-01
1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	1.5430e+01	2.1110e+01	1.1409e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	1.1393e+01	2.1522e+01	8.5966e+00
	1327	0.0000e+00	0.0000e+00	0.0000e+00	1.0127e+01	2.5099e+01	6.8667e+00
	1316	0.0000e+00	0.0000e+00	0.0000e+00	1.0998e+01	2.8926e+01	9.6788e+00
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	1.6076e+01	1.1935e+01	9.4063e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.4839e+01	1.3131e+01	7.7433e+00

	1326	0.0000e+00	0.0000e+00	0.0000e+00	1.2827e+01	1.8693e+01	8.9749e+00
	1315	0.0000e+00	0.0000e+00	0.0000e+00	1.4718e+01	1.7458e+01	1.0638e+01
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	1.6179e+01	4.2757e+00	7.1537e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.7377e+01	5.0232e+00	5.9094e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.5227e+01	1.0896e+01	7.3203e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	1.5807e+01	8.8588e+00	8.5645e+00
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	1.6953e+01	-3.6125e+00	6.0066e+00
	1323	0.0000e+00	0.0000e+00	0.0000e+00	2.0190e+01	-3.5644e+00	4.2998e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.7522e+01	2.7742e+00	5.0751e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	1.6162e+01	1.2920e+00	6.7819e+00
1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.9657e+01	-1.3548e+01	5.6327e+00
	1322	0.0000e+00	0.0000e+00	0.0000e+00	2.4235e+01	-1.3283e+01	2.6523e+00
	1323	0.0000e+00	0.0000e+00	0.0000e+00	2.0722e+01	-6.4193e+00	3.1779e+00
	1312	0.0000e+00	0.0000e+00	0.0000e+00	1.7131e+01	-7.1918e+00	6.1583e+00
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	2.5811e+01	-2.6771e+01	3.2791e+00
	1321	0.0000e+00	0.0000e+00	0.0000e+00	2.9408e+01	-2.2559e+01	-1.4182e+00
	1322	0.0000e+00	0.0000e+00	0.0000e+00	2.5898e+01	-1.7200e+01	1.1511e+00
	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.9803e+01	-1.8060e+01	5.8484e+00
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	3.1192e+01	-3.5979e+01	-7.1331e+00
	1320	0.0000e+00	0.0000e+00	0.0000e+00	3.2679e+01	-2.5091e+01	-1.0265e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	3.1920e+01	-2.6304e+01	-2.7931e+00
	1310	0.0000e+00	0.0000e+00	0.0000e+00	2.5604e+01	-3.0165e+01	3.3864e-01
1291	1308	0.0000e+00	0.0000e+00	0.0000e+00	1.9726e+01	-1.5507e+01	-2.4220e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	2.8252e+01	-1.2128e+01	-1.6685e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	3.2131e+01	-2.3069e+01	-9.9472e+00
	1309	0.0000e+00	0.0000e+00	0.0000e+00	3.1115e+01	-3.2990e+01	-1.7482e+01
1292	1306	0.0000e+00	0.0000e+00	0.0000e+00	1.4221e+01	9.2878e+01	-1.5643e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.5447e+00	4.3012e+01	-2.1607e+00
	1318	0.0000e+00	0.0000e+00	0.0000e+00	1.3206e+01	2.2457e+01	-2.7885e+01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	2.6790e+01	2.3372e+01	-4.1368e+01
1293	1305	0.0000e+00	0.0000e+00	0.0000e+00	2.6730e+01	3.9439e+01	1.8299e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	8.7607e+00	3.6713e+01	8.1574e+00
	1317	0.0000e+00	0.0000e+00	0.0000e+00	9.0758e+00	3.9598e+01	-6.4490e-01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	5.8658e+00	5.4248e+01	9.4964e+00
1294	1304	0.0000e+00	0.0000e+00	0.0000e+00	2.3482e+01	1.8965e+01	1.1365e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	1.7057e+01	2.0567e+01	1.0273e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	1.3989e+01	3.0374e+01	1.2485e+01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	2.4338e+01	2.7611e+01	1.3576e+01
1295	1303	0.0000e+00	0.0000e+00	0.0000e+00	1.8858e+01	9.1288e+00	7.3169e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	1.7429e+01	1.0364e+01	8.5960e+00
	1315	0.0000e+00	0.0000e+00	0.0000e+00	1.7029e+01	1.7999e+01	1.1042e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	2.1850e+01	1.4406e+01	9.7628e+00
1296	1302	0.0000e+00	0.0000e+00	0.0000e+00	1.4642e+01	2.6573e+00	5.2864e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	1.6351e+01	2.8490e+00	6.7588e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	1.6399e+01	9.1025e+00	8.0933e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	1.7578e+01	6.6599e+00	6.6209e+00
1297	1301	0.0000e+00	0.0000e+00	0.0000e+00	1.1100e+01	-3.5945e+00	5.1201e+00
	1312	0.0000e+00	0.0000e+00	0.0000e+00	1.5717e+01	-4.8482e+00	6.1482e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	1.5261e+01	1.6857e+00	6.0839e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	1.3639e+01	5.5895e-01	5.0558e+00
1298	1300	0.0000e+00	0.0000e+00	0.0000e+00	8.3915e+00	-1.2089e+01	6.8579e+00
	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.6739e+01	-1.4884e+01	6.8643e+00
	1312	0.0000e+00	0.0000e+00	0.0000e+00	1.4912e+01	-6.5472e+00	5.3977e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	1.0231e+01	-6.4474e+00	5.3913e+00
1299	1299	0.0000e+00	0.0000e+00	0.0000e+00	8.5348e+00	-2.6230e+01	9.8286e+00
	1310	0.0000e+00	0.0000e+00	0.0000e+00	2.2154e+01	-2.8661e+01	6.8600e+00
	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.7139e+01	-1.8197e+01	5.1558e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	7.5344e+00	-1.7264e+01	8.1244e+00
1300	1298	0.0000e+00	0.0000e+00	0.0000e+00	2.9613e+01	-5.3188e+01	5.2976e+00
	1309	0.0000e+00	0.0000e+00	0.0000e+00	2.9443e+01	-3.8477e+01	-6.5817e+00
	1310	0.0000e+00	0.0000e+00	0.0000e+00	2.7880e+01	-3.5771e+01	2.2056e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	7.1051e+00	-3.8407e+01	1.4085e+01
1301	1297	0.0000e+00	0.0000e+00	0.0000e+00	8.8845e+00	-2.0330e+01	-4.3277e+01



	1308	0.0000e+00	0.0000e+00	0.0000e+00	2.9250e+01	-2.1032e+01	-3.1202e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	3.9688e+01	-4.2104e+01	-7.9979e+00
	1298	0.0000e+00	0.0000e+00	0.0000e+00	2.2913e+01	-8.8611e+01	-2.0073e+01
1302	557	0.0000e+00	0.0000e+00	0.0000e+00	9.6136e+01	1.3508e+01	2.1812e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	2.1556e+01	1.2692e+02	-7.3375e+00
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-4.8382e+01	5.0650e+01	-9.9130e+01
	19	0.0000e+00	0.0000e+00	0.0000e+00	1.0701e+02	3.4527e+02	-6.9981e+01
1303	556	0.0000e+00	0.0000e+00	0.0000e+00	4.9572e+01	2.9142e+01	2.5974e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	3.8513e+01	3.0359e+01	1.2917e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	4.4853e+01	6.7989e+01	1.5938e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	6.4143e+01	6.3243e+01	5.6183e+00
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	3.1299e+01	1.3797e+01	9.5578e-01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	2.8519e+01	1.5115e+01	8.7170e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	3.3502e+01	3.0780e+01	1.1651e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	4.2043e+01	2.6307e+01	3.8898e+00
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	2.0618e+01	6.3841e+00	1.7470e-01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	2.0647e+01	7.0926e+00	5.5764e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	2.4898e+01	1.5203e+01	7.2265e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	2.7313e+01	1.2654e+01	1.8248e+00
1306	553	0.0000e+00	0.0000e+00	0.0000e+00	1.3129e+01	1.3555e+00	-2.5300e-01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	1.4719e+01	1.3961e+00	3.8253e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	1.8047e+01	6.9780e+00	4.5316e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	1.8064e+01	5.6243e+00	4.5335e-01
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	6.4585e+00	-3.6714e+00	-1.3467e-01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	9.6420e+00	-4.6077e+00	3.5735e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	1.2524e+01	1.1340e+00	3.3607e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	1.1091e+01	6.1772e-01	-3.4746e-01
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	-1.5681e+00	-1.0958e+01	8.4045e-01
	1300	0.0000e+00	0.0000e+00	0.0000e+00	4.3487e+00	-1.3476e+01	5.1556e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	7.2745e+00	-4.9981e+00	3.7441e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	4.2501e+00	-4.7300e+00	-5.7110e-01
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.4068e+01	-2.4688e+01	3.1070e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.6244e+00	-2.9732e+01	9.0622e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	1.2295e+00	-1.3891e+01	5.9020e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-4.8549e+00	-1.2697e+01	-5.3260e-02
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	-3.3394e+01	-6.0499e+01	5.9175e+00
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-7.8536e+00	-6.6410e+01	1.3391e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-5.6301e+00	-3.0285e+01	9.4864e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	-2.0474e+01	-2.8489e+01	2.0132e+00
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	-5.6174e+01	-3.2997e+02	-6.5558e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	8.1260e+01	-4.4770e+01	-1.0026e+02
	1298	0.0000e+00	0.0000e+00	0.0000e+00	1.7210e+01	-1.2356e+02	-1.0040e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-6.2442e+01	-1.6451e+01	2.4662e+01
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	-3.8557e+00	1.8975e+01	4.7916e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	1.5830e+00	2.0886e+01	-1.4490e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	-1.8913e+01	1.7766e+01	1.2938e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	3.9949e+00	-8.7233e+00	1.9178e+01
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	4.2445e+00	2.1647e+01	9.1761e-01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	1.1870e+00	2.3141e+01	-3.9658e-01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	1.0634e+00	2.0087e+01	1.5646e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	1.7051e+00	1.7709e+01	2.8788e+00
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	6.9670e+00	2.0858e+01	-6.4990e-01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	5.8351e-01	1.9752e+01	-1.2433e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	1.0714e+00	2.3905e+01	-4.4090e-01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	5.2766e+00	2.1215e+01	1.5254e-01
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	8.7645e+00	1.8036e+01	-1.4628e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	9.8224e-02	1.3334e+01	-2.3030e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	1.0074e+00	2.6377e+01	-1.4582e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	6.1528e+00	2.0008e+01	-6.1805e-01
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.0230e+01	1.2924e+01	-2.5382e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-7.7465e-01	4.1434e+00	-3.4922e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	9.6547e-01	2.7152e+01	-2.4074e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	6.5566e+00	1.6229e+01	-1.4534e+00

1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.1145e+01	5.4369e+00	-3.9366e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-2.8425e+00	-8.1601e+00	-4.6552e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	3.4845e-01	2.6258e+01	-3.3971e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	6.4977e+00	1.0178e+01	-2.6785e+00
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.1172e+01	-4.5975e+00	-5.3452e+00
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-7.0593e+00	-2.4204e+01	-5.4396e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-1.6660e+00	2.3764e+01	-4.2389e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	5.5879e+00	1.7878e+00	-4.1446e+00
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.0321e+01	-1.7252e+01	-5.9263e+00
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-1.4513e+01	-4.4961e+01	-5.1363e+00
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-6.0498e+00	1.9766e+01	-4.5192e+00
	1280	0.0000e+00	0.0000e+00	0.0000e+00	3.4587e+00	-9.1602e+00	-5.3093e+00
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.0333e+01	-3.1809e+01	-3.3784e+00
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-2.6075e+01	-7.2146e+01	-2.2587e+00
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-1.3836e+01	1.4628e+01	-3.5730e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	3.6200e-01	-2.3115e+01	-4.6927e+00
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	2.9218e+01	-3.3342e+01	1.3840e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	-4.4766e+01	-1.1156e+02	9.2527e+00
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-2.5731e+01	1.3318e+01	-9.6036e-01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	8.8623e-01	-4.4737e+01	3.6274e+00
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.1466e+01	7.5674e+00	3.7603e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	3.9246e+00	1.3417e+01	9.2445e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	1.0096e+01	-7.8551e+00	1.0192e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	1.6407e+01	-3.8763e+00	4.7080e+00
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	9.3704e+00	1.9054e+01	1.9653e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	6.9882e+00	2.0740e+01	1.5314e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	4.8800e+00	1.7049e+01	4.8575e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.0599e+01	1.2170e+01	5.2914e+00
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.1660e+01	1.9856e+01	6.8841e-01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	8.9570e+00	2.1357e+01	-7.3387e-01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	7.2038e+00	2.0615e+01	7.7030e-01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	1.0531e+01	1.9147e+01	2.1926e+00
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.4423e+01	1.6551e+01	-6.1783e-01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.0789e+01	1.8842e+01	-2.2885e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	9.3673e+00	1.9344e+01	-9.3271e-01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.2459e+01	1.8959e+01	7.3798e-01
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.7247e+01	1.0650e+01	-2.5572e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.2495e+01	1.4023e+01	-4.3047e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.1108e+01	1.5231e+01	-2.4924e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.5094e+01	1.5027e+01	-7.4488e-01
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.0147e+01	2.5633e+00	-5.1344e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.3868e+01	7.0600e+00	-6.8624e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.2550e+01	8.7064e+00	-4.5418e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.7964e+01	8.6222e+00	-2.8138e+00
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	2.3145e+01	-7.4224e+00	-7.9757e+00
	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.4767e+01	-2.0272e+00	-9.6301e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.3515e+01	-2.2705e-01	-7.0514e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.1045e+01	7.7537e-02	-5.3969e+00
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	2.6164e+01	-1.8128e+01	-9.9045e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.5425e+01	-1.2975e+01	-1.1511e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.3813e+01	-1.1646e+01	-9.5803e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	2.4522e+01	-1.0303e+01	-7.9740e+00
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	2.7866e+01	-2.5707e+01	-7.5689e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.7794e+01	-2.4434e+01	-9.2265e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.3555e+01	-2.5457e+01	-1.0784e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	2.8746e+01	-2.1110e+01	-9.1266e+00
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	2.6944e+01	-2.2489e+01	1.1588e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	1.2679e+01	-2.4972e+01	4.2293e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.4448e+01	-3.9201e+01	-3.1512e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	3.1397e+01	-2.7114e+01	-6.2216e+00
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	1.6227e+01	8.4853e+00	-8.3310e-01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.3538e+01	7.3951e+00	4.6204e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	1.9311e+01	-2.5685e+00	3.2251e+00

	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.1504e+01	-9.0440e-01	-2.2284e+00
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	1.2827e+01	1.8036e+01	1.5294e+00
	1274	0.0000e+00	0.0000e+00	0.0000e+00	1.1339e+01	1.7901e+01	3.5141e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.3305e+01	1.2596e+01	3.3465e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	1.4883e+01	1.2793e+01	1.3617e+00
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.3856e+01	1.9225e+01	2.9263e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.2741e+01	1.9565e+01	1.8264e+00
	1274	0.0000e+00	0.0000e+00	0.0000e+00	1.1653e+01	1.9127e+01	2.0988e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	1.2715e+01	1.8930e+01	3.1988e+00
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.6867e+01	1.5391e+01	2.6487e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.5561e+01	1.6419e+01	3.6061e-01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.3531e+01	1.8649e+01	1.1690e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.4259e+01	1.8082e+01	3.4571e+00
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.0516e+01	8.9359e+00	1.1551e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.8878e+01	1.0468e+01	-1.5842e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.6431e+01	1.4478e+01	-2.0263e-01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.7412e+01	1.3282e+01	2.5367e+00
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.4726e+01	5.4630e-01	-9.3471e-01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.2478e+01	2.4188e+00	-4.0708e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.9689e+01	7.8652e+00	-2.2788e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.1160e+01	6.2002e+00	8.5730e-01
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	2.9538e+01	-9.2947e+00	-3.2705e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	2.6389e+01	-7.3432e+00	-6.8111e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.3233e+01	-7.8539e-01	-4.8290e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.5519e+01	-2.7467e+00	-1.2884e+00
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	3.4053e+01	-1.8525e+01	-5.3835e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.0262e+01	-1.7584e+01	-8.7465e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	2.6946e+01	-1.0794e+01	-7.2297e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	3.0554e+01	-1.2847e+01	-3.8668e+00
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	3.5726e+01	-2.2439e+01	-6.1213e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	3.2321e+01	-2.4369e+01	-7.4532e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.0192e+01	-1.9956e+01	-7.8045e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	3.5155e+01	-2.1193e+01	-6.4725e+00
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	3.2372e+01	-1.6335e+01	-4.6048e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	2.8170e+01	-1.9849e+01	-1.2290e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	3.1277e+01	-2.3599e+01	-3.8830e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	3.6105e+01	-2.1873e+01	-7.2588e+00
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.4433e+01	1.4465e+01	-7.0677e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	1.5753e+01	9.4649e+00	-7.6667e-01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.0904e+01	3.5191e-01	-4.2453e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	2.2049e+01	2.2185e+00	-1.0546e+01
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.2604e+01	2.1968e+01	1.1979e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	1.2250e+01	1.8866e+01	2.9320e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	1.4776e+01	1.3754e+01	-9.9554e-01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.3592e+01	1.8405e+01	-2.7296e+00
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.4519e+01	2.0067e+01	5.6714e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.3655e+01	1.9501e+01	4.1590e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	1.3076e+01	1.9322e+01	2.5018e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.2033e+01	2.2028e+01	4.0142e+00
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.7292e+01	1.4490e+01	6.0428e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.7058e+01	1.5152e+01	3.5974e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.4869e+01	1.7996e+01	3.8209e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.4525e+01	1.8216e+01	6.2663e+00
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.0230e+01	7.5113e+00	4.8171e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.0908e+01	8.4310e+00	2.1321e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.8033e+01	1.2909e+01	3.0891e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.7664e+01	1.1940e+01	5.7741e+00
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.3843e+01	-9.6213e-01	3.4633e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.5208e+01	3.0411e-03	2.6548e-01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.1751e+01	5.6379e+00	1.3486e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.0819e+01	4.4650e+00	4.5464e+00
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	2.8738e+01	-1.1264e+01	1.9753e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	3.0198e+01	-9.7699e+00	-2.0264e+00

	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.6225e+01	-3.5067e+00	-7.0128e-01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.4603e+01	-4.6286e+00	3.3004e+00
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	3.4181e+01	-2.1651e+01	-9.5397e-01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	3.5053e+01	-1.8913e+01	-4.9968e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	3.1505e+01	-1.3742e+01	-2.8182e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	2.9537e+01	-1.5304e+01	1.2247e+00
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	3.5967e+01	-2.5609e+01	-6.6333e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	3.7020e+01	-2.2643e+01	-7.7631e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	3.5989e+01	-2.1733e+01	-4.8476e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	3.4709e+01	-2.4522e+01	-3.7178e+00
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	3.0143e+01	-1.4903e+01	-1.1895e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	3.2552e+01	-1.5911e+01	-7.2238e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	3.6022e+01	-2.1276e+01	-6.2269e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	3.6138e+01	-2.4252e+01	-1.0898e+01
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	9.5875e+00	2.8402e+01	-1.4366e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.2468e+01	1.7009e+01	-5.8467e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.7496e+01	4.6096e+00	-1.4258e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	2.1821e+01	9.8204e+00	-2.2777e+01
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	1.2975e+01	2.9248e+01	4.1470e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.0149e+01	2.4905e+01	2.9206e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.1738e+01	2.0484e+01	-5.5012e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	8.9010e+00	3.2766e+01	-4.2748e+00
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.6566e+01	2.1148e+01	9.3576e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.3719e+01	2.0909e+01	6.4768e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.2489e+01	2.2973e+01	4.0376e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	1.1958e+01	2.7548e+01	6.9184e+00
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.7663e+01	1.3362e+01	8.2627e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.7302e+01	1.3965e+01	6.4700e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.5277e+01	1.8483e+01	7.0055e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.6056e+01	1.8029e+01	8.7982e+00
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.8035e+01	6.4118e+00	6.7677e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.0023e+01	6.6055e+00	5.4190e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.7816e+01	1.1955e+01	6.2215e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.7509e+01	1.0564e+01	7.5702e+00
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.8883e+01	-1.3842e+00	6.2987e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.3003e+01	-1.9039e+00	4.5317e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.0244e+01	4.4384e+00	4.7451e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.8061e+01	3.4976e+00	6.5121e+00
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	2.1520e+01	-1.1931e+01	6.5971e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	2.7223e+01	-1.2268e+01	3.5615e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.3562e+01	-4.8328e+00	3.5336e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.9031e+01	-5.1144e+00	6.5693e+00
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	2.7661e+01	-2.6747e+01	4.8641e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	3.2675e+01	-2.3001e+01	-1.6048e-03
	1247	0.0000e+00	0.0000e+00	0.0000e+00	2.8921e+01	-1.6481e+01	2.1016e+00
	1236	0.0000e+00	0.0000e+00	0.0000e+00	2.1555e+01	-1.6887e+01	6.9673e+00
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	3.3297e+01	-3.8863e+01	-5.3719e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	3.6540e+01	-2.7671e+01	-8.9464e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	3.5344e+01	-2.7394e+01	-1.5144e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	2.7249e+01	-3.0873e+01	2.0601e+00
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	2.2672e+01	-2.0524e+01	-2.3301e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	3.1781e+01	-1.7020e+01	-1.6031e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	3.6158e+01	-2.6247e+01	-8.7930e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	3.3026e+01	-3.7031e+01	-1.6063e+01
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	1.0108e+01	8.4753e+01	-1.8557e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.0655e+00	3.7521e+01	-5.5851e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	1.0264e+01	1.5332e+01	-2.9486e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	2.5064e+01	1.5280e+01	-4.2458e+01
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	2.4564e+01	3.8041e+01	1.6052e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	8.6249e+00	3.4842e+01	5.5788e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	8.7264e+00	3.5104e+01	-4.0680e+00
	1231	0.0000e+00	0.0000e+00	0.0000e+00	3.2395e+00	5.0949e+01	6.4056e+00
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	2.2862e+01	1.9872e+01	1.0227e+01

	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.7467e+01	2.0958e+01	8.4919e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	1.4137e+01	2.8978e+01	9.9230e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	2.2676e+01	2.7239e+01	1.1658e+01
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	1.9188e+01	1.1222e+01	6.7403e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.8477e+01	1.2043e+01	7.5795e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.7786e+01	1.8638e+01	9.4756e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	2.1579e+01	1.5716e+01	8.6364e+00
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	1.5402e+01	5.3216e+00	5.1095e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.7762e+01	5.1394e+00	6.3874e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.7662e+01	1.0920e+01	7.2971e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	1.8091e+01	8.9424e+00	6.0192e+00
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	1.1823e+01	-8.8324e-01	5.2923e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.7190e+01	-2.5412e+00	6.3589e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.6737e+01	4.0426e+00	5.9061e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	1.4437e+01	3.2784e+00	4.8396e+00
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	8.6103e+00	-9.9314e+00	7.4277e+00
	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.8015e+01	-1.3268e+01	7.6904e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.6305e+01	-4.2598e+00	5.7819e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	1.0852e+01	-3.8287e+00	5.5192e+00
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	7.7155e+00	-2.5489e+01	1.0984e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	2.3202e+01	-2.8756e+01	8.4134e+00
	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.8210e+01	-1.6754e+01	6.1013e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	7.4983e+00	-1.5456e+01	8.6718e+00
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	2.8298e+01	-5.5369e+01	7.3646e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	3.0507e+01	-4.1625e+01	-4.5310e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	2.8802e+01	-3.6352e+01	3.6316e+00
	1224	0.0000e+00	0.0000e+00	0.0000e+00	5.8991e+00	-3.8722e+01	1.5527e+01
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	9.0788e+00	-2.7535e+01	-4.3454e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	2.8311e+01	-2.7174e+01	-3.1306e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	4.1729e+01	-4.6365e+01	-6.0949e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	2.0276e+01	-9.5772e+01	-1.8243e+01
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	8.7322e+01	1.4648e+01	2.5023e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	1.3384e+01	1.1940e+02	-8.7611e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-4.8739e+01	3.9137e+01	-9.9189e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	8.0988e+01	3.2240e+02	-6.5405e+01
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	4.5900e+01	2.8829e+01	3.4341e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	3.5013e+01	3.0123e+01	1.1264e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	3.8176e+01	6.3699e+01	1.4299e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	5.8604e+01	5.9000e+01	6.4691e+00
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	2.9984e+01	1.5129e+01	1.3563e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	2.7344e+01	1.6339e+01	7.8601e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	3.1095e+01	3.0280e+01	1.0717e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	3.9412e+01	2.5851e+01	4.2130e+00
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	2.0439e+01	8.6737e+00	3.3014e-01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	2.0662e+01	9.3181e+00	5.1033e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	2.4258e+01	1.6525e+01	6.6910e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	2.6514e+01	1.4035e+01	1.9179e+00
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	1.3419e+01	4.1163e+00	-2.4557e-01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	1.5228e+01	4.1177e+00	3.5980e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	1.8318e+01	9.3021e+00	4.2602e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	1.8117e+01	7.9964e+00	4.1661e-01
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	6.7000e+00	-9.3785e-01	-2.7895e-01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	1.0107e+01	-1.8824e+00	3.5207e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	1.3089e+01	3.9104e+00	3.2885e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	1.1417e+01	3.4243e+00	-5.1117e-01
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	-1.9278e+00	-8.8660e+00	4.8472e-01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	4.1870e+00	-1.1361e+01	5.2592e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	7.5984e+00	-2.2744e+00	3.8563e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	4.3352e+00	-2.0001e+00	-9.1811e-01
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.5953e+01	-2.4217e+01	2.3967e+00
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-3.2019e+00	-2.9199e+01	9.3874e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	6.5369e-01	-1.1816e+01	6.2555e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	-5.6427e+00	-1.0615e+01	-7.3525e-01

1380	432	0.0000e+00	0.0000e+00	0.0000e+00	-3.7821e+01	-6.3818e+01	4.5434e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-1.3218e+01	-6.9679e+01	1.4204e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-8.1714e+00	-2.9502e+01	1.0426e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-2.3292e+01	-2.7905e+01	7.6522e-01
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-8.0360e+01	-3.5236e+02	-7.0813e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	8.2744e+01	-5.5487e+01	-1.0135e+02
	1223	0.0000e+00	0.0000e+00	0.0000e+00	1.0523e+01	-1.3020e+02	-9.5671e+00
	432	0.0000e+00	0.0000e+00	0.0000e+00	-7.0016e+01	-1.4507e+01	2.0970e+01
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	6.2192e-01	2.7028e+01	8.6238e+00
	1221	0.0000e+00	0.0000e+00	0.0000e+00	6.3457e+00	2.3059e+01	3.2279e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	-8.3011e+00	3.3046e+01	1.7109e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	4.3347e+00	1.6757e+00	2.2505e+01
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	7.3335e+00	2.6790e+01	3.8934e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.4359e+00	2.4251e+01	3.0551e+00
	1221	0.0000e+00	0.0000e+00	0.0000e+00	5.8047e+00	3.1651e+01	5.3862e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	4.2658e+00	2.4510e+01	6.2246e+00
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	9.1184e+00	2.4082e+01	1.8619e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.8491e+00	1.9354e+01	1.5100e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.4379e+00	3.2661e+01	2.6677e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	6.8165e+00	2.5648e+01	3.0196e+00
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.0163e+01	1.9529e+01	6.1811e-01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	1.5609e+00	1.1546e+01	-2.8699e-02
	1219	0.0000e+00	0.0000e+00	0.0000e+00	3.4144e+00	3.2704e+01	1.0891e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	6.9991e+00	2.2514e+01	1.7359e+00
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.0933e+01	1.2906e+01	-7.6053e-01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-8.3561e-02	1.0837e+00	-1.5033e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	2.5420e+00	3.1363e+01	-2.5569e-01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	6.8027e+00	1.7078e+01	4.8710e-01
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.1181e+01	4.1012e+00	-2.2652e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-2.9269e+00	-1.2410e+01	-2.7493e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	1.1124e+00	2.8634e+01	-1.4681e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	6.1607e+00	9.5942e+00	-9.8404e-01
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.0612e+01	-7.1021e+00	-3.5145e+00
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-7.8707e+00	-2.9607e+01	-3.3999e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-1.7025e+00	2.4531e+01	-2.3446e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	4.6756e+00	-5.6986e-02	-2.4592e+00
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	9.3623e+00	-2.0824e+01	-3.5994e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-1.5840e+01	-5.1502e+01	-2.7441e+00
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-6.7931e+00	1.9064e+01	-2.4654e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	2.0483e+00	-1.2164e+01	-3.3207e+00
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	9.4971e+00	-3.6308e+01	-1.0023e-01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-2.7357e+01	-7.9725e+01	6.8863e-01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-1.4990e+01	1.2431e+01	-1.1919e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	-1.2716e+00	-2.7274e+01	-1.9808e+00
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	2.7958e+01	-3.8363e+01	1.8832e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	-4.2891e+01	-1.1933e+02	1.2992e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-2.6537e+01	8.8826e+00	1.6643e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	-2.2737e-01	-4.9727e+01	7.5035e+00
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	1.1795e+01	1.4633e+01	6.3863e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	6.4374e+00	2.1667e+01	1.1673e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	1.1561e+01	1.3590e+00	1.3896e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	1.7384e+01	4.0051e+00	8.6092e+00
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	9.9661e+00	2.3680e+01	3.9335e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	8.8813e+00	2.6181e+01	3.5940e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	6.8360e+00	2.3054e+01	7.1651e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	1.1324e+01	1.8505e+01	7.5046e+00
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	1.2045e+01	2.2503e+01	2.1727e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.0241e+01	2.4701e+01	9.8040e-01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	8.7633e+00	2.4504e+01	2.6922e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	1.1107e+01	2.3323e+01	3.8845e+00
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	1.4466e+01	1.7540e+01	4.7036e-01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.1496e+01	2.0435e+01	-9.4206e-01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.0328e+01	2.1408e+01	6.1237e-01

	1199	0.0000e+00	0.0000e+00	0.0000e+00	1.2771e+01	2.1234e+01	2.0248e+00
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	1.6890e+01	1.0294e+01	-1.7543e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.2628e+01	1.4131e+01	-3.2124e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.1496e+01	1.5720e+01	-1.2690e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	1.5067e+01	1.5721e+01	1.8909e-01
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	1.9334e+01	1.1475e+00	-4.4195e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.3418e+01	5.9051e+00	-5.8244e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.2357e+01	7.8552e+00	-3.5097e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	1.7547e+01	8.0435e+00	-2.1048e+00
1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	2.1834e+01	-9.6531e+00	-7.0359e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.3759e+01	-4.2792e+00	-8.3551e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.2731e+01	-2.2246e+00	-5.9989e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.0189e+01	-1.5019e+00	-4.6797e+00
1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	2.4337e+01	-2.0963e+01	-8.2954e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.3971e+01	-1.6226e+01	-9.5985e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.2471e+01	-1.4646e+01	-8.2034e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	2.3197e+01	-1.2662e+01	-6.9003e+00
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	2.5497e+01	-2.8919e+01	-4.7218e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.6045e+01	-2.8633e+01	-6.1150e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.1784e+01	-2.9325e+01	-8.6368e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	2.6935e+01	-2.4061e+01	-7.2435e+00
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	2.4048e+01	-2.5816e+01	5.7355e+00
	1143	0.0000e+00	0.0000e+00	0.0000e+00	1.0560e+01	-2.9934e+01	9.1011e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.2463e+01	-4.3482e+01	3.8445e-01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	2.8965e+01	-3.0393e+01	-2.9811e+00
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	1.5914e+01	1.4296e+01	1.8309e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	1.3960e+01	1.3945e+01	7.3568e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	1.9671e+01	4.8082e+00	6.6971e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	2.1401e+01	5.7588e+00	1.1712e+00
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	1.2546e+01	2.2171e+01	3.4646e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	1.1752e+01	2.2345e+01	5.3353e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	1.3544e+01	1.8620e+01	5.6575e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	1.4544e+01	1.8157e+01	3.7869e+00
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	1.3631e+01	2.1472e+01	4.3077e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	1.2981e+01	2.2096e+01	3.1608e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	1.1902e+01	2.3052e+01	3.7571e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	1.2386e+01	2.2500e+01	4.9040e+00
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	1.6575e+01	1.6034e+01	3.5470e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	1.5547e+01	1.7315e+01	1.2943e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	1.3615e+01	2.0722e+01	2.3785e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	1.3942e+01	1.9864e+01	4.6312e+00
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.0024e+01	8.3651e+00	1.6658e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	1.8529e+01	1.0056e+01	-9.4620e-01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	1.6241e+01	1.5025e+01	6.4298e-01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	1.7020e+01	1.3579e+01	3.2550e+00
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.3897e+01	-8.3941e-01	-6.1572e-01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.1706e+01	1.0103e+00	-3.5276e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	1.9130e+01	7.2208e+00	-1.6706e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.0573e+01	5.4046e+00	1.2413e+00
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	2.8229e+01	-1.1125e+01	-2.8200e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	2.5108e+01	-9.4789e+00	-6.0409e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.2210e+01	-2.3141e+00	-4.2293e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.4600e+01	-4.2442e+00	-1.0084e+00
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	3.2124e+01	-2.0490e+01	-4.3520e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	2.8398e+01	-2.0218e+01	-7.3085e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	2.5376e+01	-1.2944e+01	-6.2857e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	2.9155e+01	-1.4692e+01	-3.3292e+00
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	3.3039e+01	-2.4324e+01	-4.0095e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	2.9785e+01	-2.7263e+01	-4.8437e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	2.8017e+01	-2.2518e+01	-6.0422e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	3.3116e+01	-2.3091e+01	-5.2080e+00
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	2.8821e+01	-1.7961e+01	-9.9418e-01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	2.4732e+01	-2.2778e+01	3.0123e+00

	1193	0.0000e+00	0.0000e+00	0.0000e+00	2.8416e+01	-2.6326e+01	-7.8660e-01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	3.3255e+01	-2.3644e+01	-4.7931e+00
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.4093e+01	1.9469e+01	-4.6011e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	1.5532e+01	1.4939e+01	1.8463e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	2.0991e+01	6.7498e+00	-1.1154e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	2.1699e+01	8.0663e+00	-7.5628e+00
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.2186e+01	2.5513e+01	3.1075e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	1.1962e+01	2.2789e+01	4.7909e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	1.4378e+01	1.8887e+01	1.2808e+00
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.3181e+01	2.3092e+01	-4.0258e-01
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.4250e+01	2.1780e+01	7.0997e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	1.3409e+01	2.1623e+01	5.4175e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	1.2699e+01	2.2667e+01	4.1473e+00
	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.1551e+01	2.5017e+01	5.8295e+00
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.7106e+01	1.4641e+01	6.8852e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	1.6804e+01	1.5698e+01	4.3433e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	1.4547e+01	1.9573e+01	4.9519e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.4211e+01	1.9429e+01	7.4938e+00
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.9980e+01	6.5723e+00	5.1248e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.0510e+01	7.8014e+00	2.4672e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	1.7669e+01	1.3042e+01	3.7516e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.7436e+01	1.1736e+01	6.4092e+00
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.3363e+01	-2.4856e+00	3.4128e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.4504e+01	-1.3755e+00	3.8021e-01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.1195e+01	4.7497e+00	1.6570e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	2.0527e+01	3.3394e+00	4.6896e+00
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.7820e+01	-1.2868e+01	1.8608e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	2.9008e+01	-1.1498e+01	-1.8148e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.5303e+01	-4.9854e+00	-5.2119e-01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.4077e+01	-6.1700e+00	3.1544e+00
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	3.2590e+01	-2.2893e+01	-6.8667e-01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	3.3182e+01	-2.0655e+01	-4.2339e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.0026e+01	-1.5414e+01	-2.4155e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.8558e+01	-1.6765e+01	1.1317e+00
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	3.3564e+01	-2.6300e+01	-5.4306e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	3.4294e+01	-2.4173e+01	-5.9517e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	3.3779e+01	-2.3301e+01	-3.7580e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	3.3023e+01	-2.5504e+01	-3.2369e+00
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.6912e+01	-1.5176e+01	-9.3962e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	2.8732e+01	-1.7099e+01	-4.0289e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	3.2965e+01	-2.2592e+01	-3.9485e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	3.3555e+01	-2.4673e+01	-9.3158e+00
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	9.6386e+00	3.3301e+01	-1.2325e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.2255e+01	2.1687e+01	-3.4492e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.8240e+01	1.0376e+01	-1.1533e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	2.1639e+01	1.4720e+01	-2.0409e+01
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	1.3122e+01	3.2376e+01	6.1961e+00
	1180	0.0000e+00	0.0000e+00	0.0000e+00	9.8271e+00	2.8382e+01	4.8393e+00
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.1274e+01	2.5045e+01	-3.4224e+00
	1171	0.0000e+00	0.0000e+00	0.0000e+00	8.9255e+00	3.7359e+01	-2.0656e+00
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.6938e+01	2.2225e+01	1.0980e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.3606e+01	2.2490e+01	7.8349e+00
	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.2201e+01	2.5797e+01	5.8143e+00
	1170	0.0000e+00	0.0000e+00	0.0000e+00	1.1970e+01	3.0051e+01	8.9590e+00
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	1.8097e+01	1.2878e+01	9.1320e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.7332e+01	1.3972e+01	7.2033e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.5156e+01	1.9518e+01	8.2502e+00
	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.6365e+01	1.8546e+01	1.0179e+01
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.8445e+01	4.9585e+00	6.9688e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	2.0018e+01	5.5668e+00	5.5988e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.7774e+01	1.1590e+01	6.8533e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	1.7913e+01	9.7216e+00	8.2233e+00
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.9187e+01	-3.2367e+00	5.9908e+00



	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.2796e+01	-3.4500e+00	4.3154e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	2.0131e+01	3.1941e+00	4.8680e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.8457e+01	1.8899e+00	6.5434e+00
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	2.1547e+01	-1.3571e+01	5.9859e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.6602e+01	-1.3791e+01	3.2116e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.3198e+01	-6.4106e+00	3.3529e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.9329e+01	-6.9097e+00	6.1272e+00
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	2.7051e+01	-2.7465e+01	4.3237e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	3.1362e+01	-2.4028e+01	-1.8659e-02
	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.8041e+01	-1.7826e+01	1.9301e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	2.1573e+01	-1.8236e+01	6.2724e+00
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	3.1845e+01	-3.8312e+01	-5.0950e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	3.4300e+01	-2.7977e+01	-7.9907e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	3.3659e+01	-2.8062e+01	-1.2097e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	2.6619e+01	-3.1113e+01	1.6860e+00
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	2.0777e+01	-1.9567e+01	-2.1587e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.8575e+01	-1.6786e+01	-1.3825e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	3.3621e+01	-2.6282e+01	-7.4346e+00
	1163	0.0000e+00	0.0000e+00	0.0000e+00	3.1460e+01	-3.6117e+01	-1.5197e+01
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	1.1304e+01	9.2040e+01	-1.6703e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.3627e+00	4.2214e+01	-3.1190e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	1.3452e+01	2.0646e+01	-2.8278e+01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	2.4015e+01	2.0485e+01	-4.1862e+01
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	2.6403e+01	4.0849e+01	1.8744e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	8.8720e+00	3.8143e+01	7.6373e+00
	1171	0.0000e+00	0.0000e+00	0.0000e+00	8.7079e+00	3.9642e+01	-2.0359e+00
	1161	0.0000e+00	0.0000e+00	0.0000e+00	4.0620e+00	5.6031e+01	9.0706e+00
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	2.4496e+01	2.0164e+01	1.1869e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.8221e+01	2.1827e+01	9.9842e+00
	1170	0.0000e+00	0.0000e+00	0.0000e+00	1.4638e+01	3.1387e+01	1.2072e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	2.4260e+01	2.8929e+01	1.3957e+01
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	2.0575e+01	1.0023e+01	7.5106e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	1.9289e+01	1.1349e+01	8.3514e+00
	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.8475e+01	1.9018e+01	1.0860e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	2.3093e+01	1.5392e+01	1.0019e+01
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	1.6686e+01	3.3039e+00	5.2433e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.8522e+01	3.5518e+00	6.5217e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	1.8375e+01	9.9284e+00	7.9207e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	1.9423e+01	7.4145e+00	6.6423e+00
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	1.3163e+01	-3.1775e+00	4.9278e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.7870e+01	-4.4344e+00	5.9760e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.7430e+01	2.2878e+00	5.9249e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	1.5727e+01	1.1318e+00	4.8767e+00
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	1.0080e+01	-1.1904e+01	6.6218e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	1.8503e+01	-1.4838e+01	6.9194e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.6939e+01	-6.1828e+00	5.3627e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	1.2247e+01	-6.0439e+00	5.0650e+00
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	9.0863e+00	-2.6271e+01	9.7925e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	2.3158e+01	-2.9262e+01	7.5212e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	1.8589e+01	-1.8136e+01	5.4498e+00
	1155	0.0000e+00	0.0000e+00	0.0000e+00	9.0533e+00	-1.7039e+01	7.7211e+00
1440	1153	0.0000e+00	0.0000e+00	0.0000e+00	2.8421e+01	-5.3450e+01	6.4656e+00
	1163	0.0000e+00	0.0000e+00	0.0000e+00	2.9492e+01	-4.0684e+01	-4.4840e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	2.8305e+01	-3.6242e+01	3.1418e+00
	1154	0.0000e+00	0.0000e+00	0.0000e+00	7.4197e+00	-3.8529e+01	1.4091e+01
1441	1088	0.0000e+00	0.0000e+00	0.0000e+00	9.2263e+00	-2.5251e+01	-4.1841e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	2.6577e+01	-2.5561e+01	-2.9538e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	4.0139e+01	-4.4896e+01	-5.6792e+00
	1153	0.0000e+00	0.0000e+00	0.0000e+00	2.0594e+01	-9.2304e+01	-1.7982e+01
1442	323	0.0000e+00	0.0000e+00	0.0000e+00	9.5146e+01	1.9330e+01	3.0209e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	1.4146e+01	1.2803e+02	-6.4939e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-4.7326e+01	4.5463e+01	-1.0115e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	8.2246e+01	3.4102e+02	-6.4448e+01

1443	322	0.0000e+00	0.0000e+00	0.0000e+00	5.0450e+01	3.0341e+01	5.0598e+00
	1160	0.0000e+00	0.0000e+00	0.0000e+00	3.7942e+01	3.2407e+01	1.3476e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	4.0393e+01	6.9283e+01	1.7620e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	6.5052e+01	6.3169e+01	9.2037e+00
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	3.3020e+01	1.4538e+01	2.1897e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	2.9657e+01	1.6189e+01	9.2759e+00
	1160	0.0000e+00	0.0000e+00	0.0000e+00	3.3648e+01	3.2050e+01	1.2871e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	4.3389e+01	2.6603e+01	5.7849e+00
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	2.2675e+01	6.8931e+00	6.9365e-01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	2.2482e+01	7.8679e+00	5.7915e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	2.6240e+01	1.6138e+01	7.8534e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	2.9247e+01	1.3042e+01	2.7555e+00
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	1.5401e+01	1.7074e+00	-1.6710e-01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	1.6846e+01	1.9728e+00	3.7511e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	1.9960e+01	7.6696e+00	4.7347e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	2.0226e+01	5.9932e+00	8.1653e-01
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	8.8740e+00	-3.5299e+00	-4.0601e-01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	1.1802e+01	-4.2055e+00	3.2497e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	1.4671e+01	1.6316e+00	3.2754e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	1.3412e+01	9.0528e-01	-3.8027e-01
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	8.8776e-01	-1.1141e+01	1.4098e-01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	6.1711e+00	-1.3251e+01	4.5729e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	9.3879e+00	-4.6761e+00	3.4567e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	6.6514e+00	-4.5831e+00	-9.7517e-01
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.2004e+01	-2.5409e+01	1.6807e+00
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-8.4647e-01	-2.9694e+01	8.1772e+00
	1155	0.0000e+00	0.0000e+00	0.0000e+00	2.8578e+00	-1.3706e+01	5.4860e+00
	317	0.0000e+00	0.0000e+00	0.0000e+00	-2.5443e+00	-1.2678e+01	-1.0104e+00
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-3.1778e+01	-6.2206e+01	3.1356e+00
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-1.1502e+01	-6.7001e+01	1.2434e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-5.5866e+00	-2.9672e+01	9.3831e+00
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.8851e+01	-2.8444e+01	8.4345e-02
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-7.9395e+01	-3.3793e+02	-7.0486e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	8.2059e+01	-5.2259e+01	-9.7583e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	1.0646e+01	-1.2484e+02	-9.8152e+00
	315	0.0000e+00	0.0000e+00	0.0000e+00	-6.2889e+01	-1.2427e+01	1.7282e+01
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	-4.4144e+00	-2.0889e+00	1.1596e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-3.4808e+00	2.9434e+00	7.6468e+00
	24	0.0000e+00	0.0000e+00	0.0000e+00	-2.2590e+01	-5.1673e+00	1.9996e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	7.4197e+00	-2.6952e+01	2.3946e+01
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	2.2166e+00	3.2693e+00	1.0549e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-4.1924e+00	4.2486e+00	9.5775e+00
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-3.9604e+00	-7.0737e-01	1.0559e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	1.9541e-01	-1.8599e+00	1.1531e+01
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	4.4937e+00	2.3038e+00	1.0744e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-4.0516e+00	8.9607e-02	9.9667e+00
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-4.2164e+00	4.2867e+00	9.7946e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	3.2265e+00	2.4463e+00	1.0572e+01
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	6.0037e+00	-8.9315e-01	1.1523e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-2.8908e+00	-6.9955e+00	1.0007e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-3.3931e+00	7.1180e+00	9.9347e+00
	1140	0.0000e+00	0.0000e+00	0.0000e+00	3.7137e+00	1.1723e+00	1.1451e+01
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	7.4549e+00	-6.3208e+00	1.1736e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-1.1412e+00	-1.5824e+01	9.6171e+00
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-1.6612e+00	7.2655e+00	9.9500e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	4.0719e+00	-2.9605e+00	1.2069e+01
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	8.6708e+00	-1.3536e+01	1.1062e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	5.8236e-01	-2.5865e+01	8.7406e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	4.3344e-01	4.9245e+00	9.5585e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	4.5428e+00	-9.1807e+00	1.1880e+01
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	9.3617e+00	-2.1986e+01	9.5527e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	1.5652e+00	-3.6696e+01	7.4767e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.2293e+00	4.6629e-01	8.7067e+00

	1137	0.0000e+00	0.0000e+00	0.0000e+00	4.8735e+00	-1.6914e+01	1.0783e+01
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	9.5457e+00	-3.0909e+01	7.6843e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	1.0697e+00	-4.8018e+01	6.1683e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.9978e+00	-5.5997e+00	7.5111e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	4.8248e+00	-2.5624e+01	9.0272e+00
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	1.0671e+01	-3.8440e+01	7.1160e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.3479e+00	-5.9998e+01	5.7378e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	2.0596e+00	-1.2357e+01	6.2059e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	4.7242e+00	-3.4931e+01	7.5841e+00
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	1.2565e+01	-3.6309e+01	1.4521e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	2.4998e+00	-7.5364e+01	9.9009e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-5.0690e-01	-1.6962e+01	4.1692e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	7.0605e+00	-4.3571e+01	8.7893e+00
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	1.6017e+01	-8.6800e+00	9.5017e+00
	1142	0.0000e+00	0.0000e+00	0.0000e+00	4.9570e+00	-6.3270e+00	1.6024e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	1.2371e+01	-2.5008e+01	1.4317e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	2.0618e+01	-1.8948e+01	7.7947e+00
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	1.1160e+01	2.0486e+00	9.9683e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	6.3862e+00	2.3439e+00	1.1214e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	5.7627e+00	-9.9571e-01	1.2982e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	1.4079e+01	-4.5396e+00	1.1736e+01
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	1.0937e+01	2.9745e+00	1.0782e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	7.0586e+00	2.8704e+00	1.0595e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	6.2657e+00	3.0254e+00	1.0872e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	1.1385e+01	2.3202e+00	1.1059e+01
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	1.1471e+01	-8.5586e-01	1.1385e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	7.8681e+00	-2.2590e-01	1.0723e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	7.1191e+00	1.6147e+00	1.0818e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	1.1001e+01	2.0388e+00	1.1480e+01
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	1.2073e+01	-7.5103e+00	1.1112e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	8.8235e+00	-5.8036e+00	1.0249e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	7.9511e+00	-2.8858e+00	1.0861e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	1.1357e+01	-2.5067e+00	1.1723e+01
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	1.2575e+01	-1.5941e+01	9.7340e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	9.6865e+00	-1.3156e+01	8.8783e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	8.8035e+00	-9.6125e+00	1.0183e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	1.1882e+01	-9.6607e+00	1.1039e+01
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.2879e+01	-2.5154e+01	7.4159e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	1.0235e+01	-2.1576e+01	6.7314e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	9.4616e+00	-1.7900e+01	8.5999e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	1.2391e+01	-1.8379e+01	9.2843e+00
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.2777e+01	-3.3532e+01	4.8666e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	1.0453e+01	-3.0128e+01	4.4984e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	9.6984e+00	-2.7030e+01	6.3400e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.2853e+01	-2.7625e+01	6.7082e+00
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.1374e+01	-3.7924e+01	3.7399e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	1.0518e+01	-3.6913e+01	4.1238e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	9.4466e+00	-3.5881e+01	4.4427e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.3152e+01	-3.5563e+01	4.0588e+00
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	6.8404e+00	-3.3433e+01	4.5235e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	7.0431e+00	-3.4665e+01	8.1978e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	9.0515e+00	-4.0952e+01	6.2701e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.1600e+01	-3.7998e+01	2.5958e+00
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	2.1171e+01	-4.8121e+00	2.7443e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	1.7625e+01	-7.8332e+00	9.1820e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	2.3961e+01	-1.6561e+01	6.2296e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	2.6694e+01	-1.3172e+01	-2.0807e-01
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	1.5645e+01	3.4150e+00	6.8769e+00
	1130	0.0000e+00	0.0000e+00	0.0000e+00	1.3278e+01	1.5315e+00	1.0736e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	1.6737e+01	-3.1720e+00	8.9868e+00
	1120	0.0000e+00	0.0000e+00	0.0000e+00	1.9295e+01	-1.2579e+00	5.1279e+00
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	1.3666e+01	4.2572e+00	1.0289e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	1.2063e+01	3.0082e+00	1.1227e+01

	1130	0.0000e+00	0.0000e+00	0.0000e+00	1.2824e+01	3.2698e+00	1.0043e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	1.4632e+01	4.5906e+00	9.1056e+00
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	1.3636e+01	-4.6573e-01	1.2017e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	1.2281e+01	-7.5638e-01	1.1590e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	1.2032e+01	2.5946e+00	1.1072e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	1.3099e+01	3.4295e+00	1.1499e+01
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	1.4101e+01	-8.3622e+00	1.2007e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	1.2997e+01	-7.6948e+00	1.1139e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	1.2378e+01	-2.3375e+00	1.1500e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	1.3121e+01	-2.4543e+00	1.2368e+01
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	1.4599e+01	-1.7999e+01	1.0586e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	1.3741e+01	-1.6464e+01	9.6264e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	1.3031e+01	-9.8775e+00	1.0842e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	1.3541e+01	-1.0982e+01	1.1801e+01
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	1.4953e+01	-2.8153e+01	8.0247e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.4284e+01	-2.5935e+01	7.1672e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	1.3650e+01	-1.8924e+01	9.0924e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	1.4008e+01	-2.0886e+01	9.9499e+00
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.4613e+01	-3.6761e+01	4.5946e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.4236e+01	-3.4426e+01	4.3262e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.3990e+01	-2.8217e+01	6.6106e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	1.4364e+01	-3.0842e+01	6.8790e+00
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.2307e+01	-4.0330e+01	7.3995e-01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.2457e+01	-3.8682e+01	2.2255e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.3563e+01	-3.5601e+01	4.2759e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.3937e+01	-3.8405e+01	2.7904e+00
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	6.3289e+00	-3.5081e+01	-3.1386e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	7.5541e+00	-3.3653e+01	1.5288e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.1275e+01	-3.7562e+01	3.0726e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.1206e+01	-3.9486e+01	-1.5948e+00
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.8519e+01	2.7613e+00	-5.5593e+00
	1120	0.0000e+00	0.0000e+00	0.0000e+00	2.0275e+01	-3.3526e+00	1.7451e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	2.5872e+01	-1.1373e+01	-2.2853e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.6378e+01	-8.7354e+00	-9.5896e+00
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.4437e+01	9.7208e+00	3.5384e+00
	1119	0.0000e+00	0.0000e+00	0.0000e+00	1.4614e+01	4.9216e+00	7.2053e+00
	1120	0.0000e+00	0.0000e+00	0.0000e+00	1.8510e+01	3.3507e-01	2.1729e+00
	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.7296e+01	6.4632e+00	-1.4939e+00
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.3761e+01	7.5018e+00	1.0160e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	1.2982e+01	5.2609e+00	1.0638e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	1.4319e+01	5.6680e+00	7.3565e+00
	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.3304e+01	1.0552e+01	6.8793e+00
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.4014e+01	2.8624e-01	1.2681e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	1.3395e+01	-1.3297e-01	1.1999e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	1.3258e+01	3.9520e+00	1.0834e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.2895e+01	6.0630e+00	1.1516e+01
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.4150e+01	-9.2462e+00	1.2566e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	1.4189e+01	-8.6128e+00	1.1754e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	1.3562e+01	-2.3965e+00	1.2008e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.3282e+01	-2.3133e+00	1.2819e+01
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.4221e+01	-2.0137e+01	1.1070e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	1.4884e+01	-1.8665e+01	1.0237e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	1.4143e+01	-1.1343e+01	1.1396e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.3428e+01	-1.2387e+01	1.2229e+01
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.4459e+01	-3.1709e+01	8.3940e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	1.5427e+01	-2.9128e+01	7.5021e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	1.4767e+01	-2.1678e+01	9.5305e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.3475e+01	-2.3502e+01	1.0422e+01
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.4504e+01	-4.2143e+01	3.9271e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.5330e+01	-3.8004e+01	3.4573e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	1.5315e+01	-3.2045e+01	6.6410e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.3653e+01	-3.4820e+01	7.1109e+00
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.2594e+01	-4.7100e+01	-3.0080e+00

	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.3237e+01	-4.1766e+01	-1.5509e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.4973e+01	-3.9827e+01	2.8069e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.3542e+01	-4.3956e+01	1.3499e+00
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	6.5888e+00	-4.0441e+01	-1.1141e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	7.6561e+00	-3.6382e+01	-6.1130e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.2038e+01	-4.0856e+01	-1.8011e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.1469e+01	-4.6160e+01	-6.8290e+00
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	1.1035e+01	1.7331e+01	-1.5273e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.6074e+01	5.2455e+00	-5.4982e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.1392e+01	-6.3821e+00	-1.3096e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	2.3722e+01	-1.9691e+00	-2.2871e+01
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	1.2238e+01	2.0052e+01	3.8201e+00
	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.1074e+01	1.3421e+01	4.5096e+00
	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.4084e+01	8.8857e+00	-5.0443e+00
	1098	0.0000e+00	0.0000e+00	0.0000e+00	1.0498e+01	2.3001e+01	-5.7338e+00
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	1.4809e+01	1.1490e+01	1.2226e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.1960e+01	9.5468e+00	1.0356e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.2164e+01	1.1945e+01	5.8604e+00
	1097	0.0000e+00	0.0000e+00	0.0000e+00	1.1160e+01	1.9764e+01	7.7305e+00
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.4874e+01	6.7892e-01	1.3186e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.3557e+01	5.9420e-01	1.2228e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.2963e+01	6.6970e+00	1.1468e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	1.3704e+01	8.2606e+00	1.2427e+01
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.3718e+01	-1.0323e+01	1.2134e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.4048e+01	-9.7873e+00	1.1953e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.3601e+01	-2.1485e+00	1.2525e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.3833e+01	-2.8525e+00	1.2705e+01
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.2357e+01	-2.1992e+01	1.0628e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.4043e+01	-2.1076e+01	1.0558e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.3629e+01	-1.2593e+01	1.1602e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.2642e+01	-1.3944e+01	1.1672e+01
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.1667e+01	-3.4886e+01	8.5761e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.4240e+01	-3.2944e+01	8.0365e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.3647e+01	-2.4204e+01	9.6941e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.1267e+01	-2.5862e+01	1.0234e+01
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.2383e+01	-4.8867e+01	4.4241e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.4718e+01	-4.3793e+01	3.1988e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.4314e+01	-3.6458e+01	6.6738e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.0530e+01	-3.8930e+01	7.8991e+00
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.3106e+01	-5.9381e+01	-4.9026e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.3984e+01	-4.9376e+01	-5.2964e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.5216e+01	-4.6868e+01	1.5738e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.1149e+01	-5.1781e+01	1.9676e+00
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	7.2191e+00	-5.1852e+01	-2.0150e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	8.4518e+00	-4.3275e+01	-1.4912e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.3486e+01	-4.9126e+01	-6.3034e+00
	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.1834e+01	-5.9243e+01	-1.1541e+01
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	2.6688e+00	6.8152e+01	-2.3453e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	2.6683e+00	2.5509e+01	-8.3020e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	9.2296e+00	2.9881e+00	-2.9762e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	2.4018e+01	6.9451e+00	-4.4914e+01
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	2.1698e+01	3.4958e+01	1.6662e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	5.0940e+00	2.7780e+01	6.0171e+00
	1098	0.0000e+00	0.0000e+00	0.0000e+00	7.6836e+00	2.5678e+01	-7.8417e+00
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-5.0075e-01	4.8594e+01	2.8035e+00
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	2.1158e+01	1.2901e+01	1.3851e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	1.4524e+01	1.2895e+01	1.1114e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	1.0895e+01	2.1324e+01	1.0662e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	1.9745e+01	2.2300e+01	1.3399e+01
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	1.7808e+01	-5.3530e-01	1.1053e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.5609e+01	1.6924e-03	1.1775e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	1.5152e+01	9.1423e+00	1.3020e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	1.9594e+01	6.9755e+00	1.2299e+01

1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.3692e+01	-1.1867e+01	9.1273e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.3999e+01	-1.1408e+01	1.0815e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.4685e+01	-2.4709e+00	1.1983e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	1.6114e+01	-4.5484e+00	1.0296e+01
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	9.7182e+00	-2.3345e+01	7.9325e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.1900e+01	-2.3184e+01	9.5882e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.2684e+01	-1.3816e+01	1.0395e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.1984e+01	-1.5408e+01	8.7395e+00
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	6.4151e+00	-3.6352e+01	7.1984e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.0526e+01	-3.6292e+01	8.1655e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.0680e+01	-2.5990e+01	8.7669e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	8.0418e+00	-2.7236e+01	7.7998e+00
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	4.8819e+00	-5.2391e+01	6.0265e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.1502e+01	-5.0738e+01	5.1762e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.0042e+01	-4.0013e+01	6.5496e+00
	1081	0.0000e+00	0.0000e+00	0.0000e+00	4.7756e+00	-4.1343e+01	7.3998e+00
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	1.2356e+01	-7.4688e+01	-8.3514e-01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.3049e+01	-6.2292e+01	-5.6663e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.3520e+01	-5.5953e+01	2.0671e+00
	1080	0.0000e+00	0.0000e+00	0.0000e+00	2.9856e+00	-6.0350e+01	6.8983e+00
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	5.9313e+00	-7.7016e+01	-3.0376e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	1.2155e+01	-5.7480e+01	-2.6313e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.6878e+01	-6.6075e+01	-8.0017e+00
	1079	0.0000e+00	0.0000e+00	0.0000e+00	8.6922e+00	-8.6302e+01	-1.2064e+01
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	9.1366e+01	3.3649e+01	3.3409e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-7.8749e+00	1.0977e+02	-7.7251e+00
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-4.3730e+01	2.6233e+01	-1.0411e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	5.1448e+01	3.1165e+02	-6.2975e+01
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	4.4737e+01	2.4514e+01	6.8565e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	3.2143e+01	2.9580e+01	1.1318e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	2.1745e+01	6.1013e+01	1.5792e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	6.3353e+01	5.6362e+01	1.1331e+01
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	3.0508e+01	8.5976e+00	4.9029e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	2.6541e+01	9.2017e+00	1.0861e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	2.9226e+01	2.6457e+01	1.3456e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	3.8798e+01	2.1426e+01	7.4976e+00
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	2.0956e+01	-3.1917e+00	3.7262e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	2.0058e+01	-2.6199e+00	8.7052e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	2.3488e+01	8.3549e+00	1.0277e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	2.6698e+01	5.5136e+00	5.2980e+00
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	1.3764e+01	-1.3589e+01	2.9563e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.4301e+01	-1.3193e+01	7.0267e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	1.7452e+01	-4.0790e+00	7.9753e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	1.8111e+01	-5.7429e+00	3.9050e+00
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	7.6643e+00	-2.4522e+01	2.4246e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	9.1701e+00	-2.4435e+01	5.9351e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.1967e+01	-1.5128e+01	6.4513e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	1.1335e+01	-1.6162e+01	2.9407e+00
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	1.7913e+00	-3.7317e+01	2.1286e+00
	1081	0.0000e+00	0.0000e+00	0.0000e+00	4.4249e+00	-3.7689e+01	5.3777e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	6.9049e+00	-2.6743e+01	5.5177e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	5.2965e+00	-2.7419e+01	2.2686e+00
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	-4.7574e+00	-5.4030e+01	2.0656e+00
	1080	0.0000e+00	0.0000e+00	0.0000e+00	3.6900e-01	-5.4921e+01	5.1240e+00
	1081	0.0000e+00	0.0000e+00	0.0000e+00	2.1110e+00	-4.0274e+01	4.9284e+00
	209	0.0000e+00	0.0000e+00	0.0000e+00	-8.6546e-01	-4.0740e+01	1.8700e+00
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.3570e+01	-8.1896e+01	2.1695e+00
	1079	0.0000e+00	0.0000e+00	0.0000e+00	1.0665e+00	-8.1215e+01	3.5694e+00
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.7211e+00	-5.8666e+01	3.4727e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	-8.2038e+00	-5.7775e+01	2.0727e+00
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-1.2523e+01	-2.0724e+02	-3.0818e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	3.2581e+01	-8.8807e+01	-4.9259e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	1.2286e+01	-1.0482e+02	-8.2655e+00

	207	0.0000e+00	0.0000e+00	0.0000e+00	-2.6198e+01	-7.5397e+01	1.0176e+01
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	-1.6969e+01	1.0942e+02	1.0962e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	8.4021e+01	3.2876e+01	-3.0485e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	4.3186e+01	3.1195e+02	6.6655e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-5.2184e+01	2.3642e+01	1.0810e+02
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	2.3761e+01	2.9797e+01	-8.1646e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	3.7390e+01	2.4821e+01	-3.9187e+00
	1077	0.0000e+00	0.0000e+00	0.0000e+00	5.6113e+01	5.6487e+01	-8.2930e+00
	1071	0.0000e+00	0.0000e+00	0.0000e+00	1.2829e+01	6.1047e+01	-1.2539e+01
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	1.7835e+01	8.1808e+00	-8.7868e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	2.2153e+01	8.5685e+00	-2.2068e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	3.1386e+01	2.1991e+01	-4.2888e+00
	1070	0.0000e+00	0.0000e+00	0.0000e+00	2.0675e+01	2.6917e+01	-1.0869e+01
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	9.7837e+00	-7.0591e+00	-8.6144e+00
	1074	0.0000e+00	0.0000e+00	0.0000e+00	9.1741e+00	-5.5376e+00	-1.6767e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	1.7596e+01	5.4203e+00	-2.1396e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	1.4092e+01	7.9508e+00	-9.0772e+00
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	1.6755e+00	-2.6662e+01	-9.9507e+00
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-5.9370e+00	-2.3082e+01	-2.1406e+00
	1074	0.0000e+00	0.0000e+00	0.0000e+00	4.3334e+00	-8.4030e+00	-1.0481e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	5.7356e+00	-7.2045e+00	-8.8582e+00
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	3.0464e+00	-6.3300e+01	-1.1686e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-3.2525e+01	-5.9797e+01	-4.1215e+00
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.2856e+01	-2.4969e+01	-8.9624e-01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-2.7417e+00	-2.8497e+01	-8.4611e+00
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	7.7085e+01	-3.5041e+01	1.0613e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	-5.2293e+01	-3.2674e+02	7.3932e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-6.3893e+01	-2.8240e+01	-2.0848e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	2.9614e+01	-1.1332e+02	1.1346e+01
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	-5.1173e+00	2.4955e+01	1.2225e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-6.2540e+00	6.7578e+01	2.7317e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	1.5905e+01	4.5622e+00	4.7676e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	4.1610e-01	2.8035e+00	3.2583e+01
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	-1.9373e+00	2.6797e+01	-2.1684e+00
	1070	0.0000e+00	0.0000e+00	0.0000e+00	1.3659e+01	3.5160e+01	-1.3548e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-8.8369e+00	4.8338e+01	7.7100e-01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-3.2021e-01	2.5487e+01	1.2150e+01
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	9.3260e+00	1.0243e+01	-8.4212e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	1.3731e+01	1.2177e+01	-1.2184e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	1.2064e+01	2.1832e+01	-1.0588e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	4.0884e+00	2.0286e+01	-6.8252e+00
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	1.3713e+01	-5.6532e+00	-1.0400e+01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	1.1208e+01	-3.7792e+00	-1.1463e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	1.2376e+01	4.6705e+00	-1.1237e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	1.0593e+01	6.0514e+00	-1.0174e+01
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	1.9861e+01	-2.0929e+01	-8.1051e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	1.0226e+01	-2.1378e+01	-1.1158e+01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	9.6792e+00	-1.1431e+01	-1.2088e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	1.4806e+01	-9.8534e+00	-9.0350e+00
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	2.3659e+01	-2.8700e+01	9.4845e+00
	1066	0.0000e+00	0.0000e+00	0.0000e+00	2.9555e+01	-4.9273e+01	-1.1422e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	8.2195e+00	-3.5532e+01	-1.4255e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	2.5496e+01	-2.7520e+01	-3.6283e+00
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	2.3455e+01	-9.0816e+00	3.1743e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	3.4381e+00	-1.2578e+01	4.6928e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	2.5346e+01	-7.3558e+01	2.5172e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	2.9410e+01	-2.9627e+01	9.9874e+00
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	9.7220e+00	5.9827e+00	1.1203e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	2.9900e+00	1.7539e+01	1.9632e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	1.5187e+01	-1.7958e+00	2.5919e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	1.2992e+01	-3.9433e+00	1.7490e+01
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	7.0447e+00	1.1966e+01	1.7103e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	6.0229e+00	1.9300e+01	6.9994e-01

	1065	0.0000e+00	0.0000e+00	0.0000e+00	3.2343e+00	2.2581e+01	1.0238e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	7.9794e+00	9.1226e+00	1.1248e+01
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	1.0744e+01	6.3079e+00	-4.4843e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	1.1099e+01	9.0355e+00	-8.5310e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	5.6982e+00	1.8152e+01	-3.4795e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	8.7196e+00	9.8677e+00	5.6714e-01
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.5945e+01	-3.4975e+00	-5.7486e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	1.4923e+01	-4.3897e+00	-9.6982e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	1.0652e+01	4.6533e+00	-9.1694e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	1.2969e+01	2.6083e+00	-5.2198e+00
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	2.0267e+01	-1.1628e+01	-1.1029e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	1.9619e+01	-1.8723e+01	-5.0970e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	1.4393e+01	-9.0022e+00	-9.1228e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.8164e+01	-7.3205e+00	-5.1286e+00
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	2.1107e+01	-1.2402e+01	9.0011e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	2.2140e+01	-2.5525e+01	7.8170e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	1.9049e+01	-2.0506e+01	-1.1155e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	2.2025e+01	-1.4157e+01	6.8528e-02
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	1.5937e+01	-4.3901e-01	1.5827e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	9.8181e+00	-3.5205e+00	2.4418e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	2.1910e+01	-2.1511e+01	1.7672e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	1.9609e+01	-9.8860e+00	9.0813e+00
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	1.7656e+01	-9.5677e-01	7.2077e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	1.2316e+01	4.4432e+00	1.2017e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	1.8691e+01	-5.6700e+00	1.4502e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	2.0106e+01	-5.6856e+00	9.6919e+00
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	1.4978e+01	3.4113e+00	2.3011e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	1.1332e+01	8.6491e+00	3.5087e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	1.2226e+01	6.8082e+00	8.4366e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	1.6300e+01	1.3031e+00	7.2290e+00
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	1.5862e+01	2.0806e+00	-1.4389e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	1.3808e+01	4.3598e+00	-3.1855e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	1.1122e+01	8.5112e+00	3.6477e-01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	1.5343e+01	3.0509e+00	2.1113e+00
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	1.8454e+01	-2.3315e+00	-2.1302e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.7309e+01	-3.5293e+00	-4.8562e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	1.3624e+01	2.5464e+00	-4.2941e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	1.7137e+01	1.2305e-01	-1.5680e+00
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	2.0363e+01	-5.8898e+00	5.3036e-01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	1.9905e+01	-1.0256e+01	-1.3351e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.7092e+01	-5.5048e+00	-3.8395e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	1.9753e+01	-4.4116e+00	-1.9739e+00
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	1.9414e+01	-5.0607e+00	4.8863e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	1.8859e+01	-9.9291e+00	6.0244e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	1.9573e+01	-1.0775e+01	1.8555e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	2.0788e+01	-6.5549e+00	7.1746e-01
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	1.5110e+01	1.5659e+00	6.9568e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	1.1847e+01	1.7236e+00	1.2196e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	1.8516e+01	-7.8810e+00	1.0052e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	1.8055e+01	-3.0483e+00	4.8123e+00
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	2.3241e+01	-3.9899e+00	4.1026e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	1.9452e+01	-1.3546e+00	7.0268e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	2.2919e+01	-6.3822e+00	8.4638e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	2.5139e+01	-6.8796e+00	5.5396e+00
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	2.1004e+01	-7.5479e-01	1.5778e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	1.7745e+01	2.0176e+00	3.0843e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	1.9133e+01	1.5173e-01	5.5842e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	2.2380e+01	-2.5256e+00	4.0776e+00
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	2.0610e+01	-4.4240e-01	-2.9276e-01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	1.8237e+01	9.0341e-01	-5.5526e-01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	1.7453e+01	2.4119e+00	1.4091e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	2.0912e+01	-5.2464e-01	1.6716e+00
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	2.1354e+01	-2.1081e+00	-6.9164e-01



	1050	0.0000e+00	0.0000e+00	0.0000e+00	1.9734e+01	-2.6031e+00	-1.7684e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	1.8043e+01	3.7732e-01	-1.2728e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	2.1068e+01	-1.1979e+00	-1.9612e-01
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	2.1711e+01	-3.4682e+00	2.5387e-01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	2.0447e+01	-5.2325e+00	-1.7739e-01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	1.9552e+01	-3.2606e+00	-1.1179e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	2.1815e+01	-2.9746e+00	-6.8663e-01
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	2.0280e+01	-2.3659e+00	1.5161e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	1.8762e+01	-3.8410e+00	2.9868e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	2.0140e+01	-5.1212e+00	1.5539e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	2.1601e+01	-3.4725e+00	8.3133e-02
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	1.6960e+01	1.8344e+00	1.6551e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	1.4280e+01	2.4043e+00	5.1161e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	1.8283e+01	-2.4720e+00	4.7085e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.9307e+01	-1.0136e+00	1.2475e+00
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	2.6403e+01	-5.7268e+00	1.4205e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	2.4560e+01	-4.2511e+00	3.6764e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	2.6695e+01	-7.3068e+00	4.8742e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	2.8407e+01	-8.4423e+00	2.6182e+00
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.4299e+01	-2.4984e+00	1.7376e-01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	2.2627e+01	-1.3527e+00	1.7935e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	2.4023e+01	-3.0502e+00	2.9804e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	2.5875e+01	-4.4921e+00	1.3607e+00
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	2.3461e+01	-1.5046e+00	-3.1866e-01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	2.2039e+01	-9.5594e-01	1.2160e-01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	2.2227e+01	-7.7670e-01	9.1983e-01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.4081e+01	-1.9682e+00	4.7956e-01
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	2.3541e+01	-2.3043e+00	-3.5909e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	2.2293e+01	-2.2499e+00	-6.2185e-01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	2.1857e+01	-1.0491e+00	-3.0968e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	2.3494e+01	-1.6753e+00	-4.6920e-02
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	2.3457e+01	-3.2007e+00	-4.6851e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	2.2173e+01	-3.2188e+00	-3.9973e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	2.2196e+01	-2.5411e+00	-3.5922e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	2.3561e+01	-2.6475e+00	-4.2800e-01
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	2.2106e+01	-2.3119e+00	-1.1102e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	2.0591e+01	-1.9312e+00	2.0651e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	2.1937e+01	-3.0806e+00	3.5942e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	2.3175e+01	-3.0332e+00	-9.5725e-01
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	1.9268e+01	1.1900e+00	-2.3015e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.7309e+01	2.0724e+00	3.7159e-01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	2.0052e+01	-9.7445e-01	9.0983e-01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	2.1429e+01	-1.2654e+00	-1.7633e+00
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	2.5854e+01	-6.8466e+00	-1.5651e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	2.7083e+01	-6.1830e+00	9.1375e-01
	600	0.0000e+00	0.0000e+00	0.0000e+00	2.8795e+01	-8.9240e+00	2.1226e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	2.8690e+01	-1.0896e+01	-3.5618e-01
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	2.3661e+01	-2.4451e+00	-1.6159e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.4728e+01	-2.7488e+00	2.4073e-01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	2.6217e+01	-4.7169e+00	3.4876e-01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	2.5578e+01	-5.2561e+00	-1.5078e+00
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	2.2961e+01	-1.2137e+00	-5.8403e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	2.3697e+01	-1.5693e+00	-1.1484e-02
	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.4252e+01	-2.0224e+00	-3.4452e-01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	2.3456e+01	-1.6520e+00	-9.1707e-01
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	2.3290e+01	-2.4819e+00	2.0347e-02
	1038	0.0000e+00	0.0000e+00	0.0000e+00	2.3712e+01	-2.3056e+00	-2.5598e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	2.3662e+01	-1.6889e+00	-3.5510e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	2.2832e+01	-1.2965e+00	-7.8768e-02
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	2.3658e+01	-4.3681e+00	-7.0558e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	2.3731e+01	-3.2411e+00	-9.1285e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	2.3883e+01	-2.7941e+00	-3.2275e-01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	2.3127e+01	-2.9535e+00	-1.1548e-01

1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	2.2863e+01	-4.3387e+00	-2.9968e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	2.2655e+01	-2.4688e+00	-2.1401e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	2.3751e+01	-3.4025e+00	-8.0005e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	2.3340e+01	-4.4540e+00	-1.6568e+00
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	2.0117e+01	-3.8806e-01	-5.8570e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	1.9984e+01	9.4440e-01	-3.4312e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	2.2152e+01	-1.6889e+00	-2.0194e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	2.2400e+01	-3.4342e+00	-4.4452e+00
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	1.9077e+01	-7.2345e+00	-5.5560e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	2.5414e+01	-7.5948e+00	-2.0727e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	2.7254e+01	-1.1652e+01	-1.0464e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	2.3628e+01	-1.4250e+01	-4.5298e+00
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	1.7334e+01	-3.6039e-01	-3.2804e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	2.2320e+01	-2.3163e+00	-1.3364e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	2.3978e+01	-5.3104e+00	-2.8662e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	1.9243e+01	-3.9314e+00	-4.8102e+00
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	1.7515e+01	4.4990e-01	-2.2717e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	2.1455e+01	-8.8770e-01	-1.1279e-01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	2.1935e+01	-1.5671e+00	-1.8392e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	1.7245e+01	8.5888e-01	-1.9536e+00
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	1.8358e+01	-2.3505e+00	1.1092e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	2.2076e+01	-2.4637e+00	3.5825e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	2.1721e+01	-1.3861e+00	-4.0116e-01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	1.7336e+01	1.5621e-01	3.4977e-01
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	1.9481e+01	-6.7248e+00	1.5069e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	2.2997e+01	-4.7846e+00	-8.1677e-01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	2.2620e+01	-3.5517e+00	-3.7980e-02
	1026	0.0000e+00	0.0000e+00	0.0000e+00	1.8083e+01	-3.3092e+00	9.2948e-01
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	1.9901e+01	-9.2011e+00	-3.7898e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	2.2941e+01	-5.1768e+00	-3.9189e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	2.3485e+01	-5.6666e+00	-1.3602e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	1.9119e+01	-7.2202e+00	-1.2312e+00
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	1.6913e+01	-4.0472e+00	-9.6283e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	2.0842e+01	-1.3251e+00	-7.1935e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	2.2640e+01	-4.6520e+00	-4.3566e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	1.9583e+01	-8.1144e+00	-6.7914e+00
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	2.3489e+00	-2.5518e+00	-1.0172e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	1.6114e+01	-7.6929e+00	-5.2934e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	1.8674e+01	-1.5784e+01	-5.4040e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	8.7402e+00	-2.0684e+01	-1.0282e+01
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	5.3691e+00	4.7807e+00	-2.2271e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	1.2962e+01	1.0181e+00	-2.2588e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	1.4538e+01	-4.0942e+00	-6.6092e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	3.7346e+00	1.6269e+00	-6.5775e+00
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	6.4557e+00	4.0197e+00	1.0764e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	1.3817e+01	1.0477e+00	4.0698e-01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	1.3755e+01	9.8293e-01	-2.2072e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	5.2894e+00	3.7097e+00	-1.5377e+00
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	6.5778e+00	2.2442e-02	2.3303e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	1.5060e+01	-2.5932e+00	1.7720e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	1.4594e+01	1.4393e-01	3.6718e-01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	6.0190e+00	5.9068e-01	9.2554e-01
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	6.6901e+00	-6.1998e+00	1.8685e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	1.6681e+01	-7.6834e+00	1.0214e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	1.6057e+01	-4.0458e+00	1.0532e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	5.7595e+00	-5.5986e+00	1.9002e+00
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	8.8938e+00	-1.3073e+01	-2.3862e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	1.7645e+01	-1.0872e+01	-3.7547e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	1.8498e+01	-9.4431e+00	-5.1553e-01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	5.5304e+00	-1.4304e+01	8.5296e-01
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	4.5483e+00	-9.1615e+00	-1.3917e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	1.7494e+01	-6.2066e+00	-1.1269e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	1.9433e+01	-1.1317e+01	-5.2247e+00

1012 0.0000e+00 0.0000e+00 0.0000e+00 7.4680e+00 -2.1539e+01 -7.8728e+00

1585 1023 0.0000e+00 0.0000e+00 0.0000e+00 -9.5078e+00 6.1634e+00 4.9566e-01  
1022 0.0000e+00 0.0000e+00 0.0000e+00 -8.8603e+00 2.2734e+00 -5.8234e+00  
558 0.0000e+00 0.0000e+00 0.0000e+00 1.9259e+00 -2.2068e+01 -2.0015e+01  
9 0.0000e+00 0.0000e+00 0.0000e+00 -3.1889e+01 4.9789e+00 -1.3696e+01

1586 1021 0.0000e+00 0.0000e+00 0.0000e+00 -9.0719e+00 3.4555e+00 -2.4069e-01  
1020 0.0000e+00 0.0000e+00 0.0000e+00 -4.7620e-01 6.0244e+00 -2.5292e+00  
1022 0.0000e+00 0.0000e+00 0.0000e+00 -4.6685e+00 1.7844e+00 -4.8464e+00  
1023 0.0000e+00 0.0000e+00 0.0000e+00 -9.0786e+00 9.4047e+00 -2.5579e+00

1587 1019 0.0000e+00 0.0000e+00 0.0000e+00 -1.0529e+01 -4.0952e+00 -2.9234e-01  
1018 0.0000e+00 0.0000e+00 0.0000e+00 1.8159e+00 2.9833e+00 -7.1633e-01  
1020 0.0000e+00 0.0000e+00 0.0000e+00 -5.5108e-01 4.4438e+00 -1.4042e+00  
1021 0.0000e+00 0.0000e+00 0.0000e+00 -8.9400e+00 1.3022e+01 -9.8018e-01

1588 1017 0.0000e+00 0.0000e+00 0.0000e+00 -1.4039e+01 -1.5437e+01 -9.8929e-01  
1016 0.0000e+00 0.0000e+00 0.0000e+00 1.8360e+00 -2.2808e+00 -5.4024e-01  
1018 0.0000e+00 0.0000e+00 0.0000e+00 -8.4114e-01 1.5307e+00 -6.5386e-01  
1019 0.0000e+00 0.0000e+00 0.0000e+00 -1.0538e+01 1.4934e+01 -1.1029e+00

1589 1015 0.0000e+00 0.0000e+00 0.0000e+00 -2.0036e+01 -3.0391e+01 -2.5380e+00  
1014 0.0000e+00 0.0000e+00 0.0000e+00 1.3307e+00 -1.0098e+01 -1.6239e+00  
1016 0.0000e+00 0.0000e+00 0.0000e+00 -2.7834e+00 -4.4358e+00 -1.1564e+00  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -1.4245e+01 1.4839e+01 -2.0705e+00

1590 1013 0.0000e+00 0.0000e+00 0.0000e+00 -2.9102e+01 -5.0073e+01 -5.6333e+00  
1012 0.0000e+00 0.0000e+00 0.0000e+00 3.3746e+00 -1.9227e+01 -5.3539e+00  
1014 0.0000e+00 0.0000e+00 0.0000e+00 -4.7749e+00 -1.3638e+01 -3.5738e+00  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -2.0440e+01 1.3327e+01 -3.8532e+00

1591 8 0.0000e+00 0.0000e+00 0.0000e+00 -3.9217e+01 -7.9577e+01 -1.5809e+01  
460 0.0000e+00 0.0000e+00 0.0000e+00 1.8749e+01 -1.4695e+01 -2.1597e+01  
1012 0.0000e+00 0.0000e+00 0.0000e+00 -1.3772e+00 -2.8216e+01 -1.1639e+01  
1013 0.0000e+00 0.0000e+00 0.0000e+00 -2.9712e+01 1.4957e+01 -5.8499e+00

1592 1005 0.0000e+00 0.0000e+00 0.0000e+00 -4.6054e+00 1.1016e+02 1.1639e+01  
1011 0.0000e+00 0.0000e+00 0.0000e+00 8.9663e+01 2.7150e+01 -2.2113e+01  
15 0.0000e+00 0.0000e+00 0.0000e+00 7.2880e+01 3.1900e+02 7.2387e+01  
421 0.0000e+00 0.0000e+00 0.0000e+00 -4.9752e+01 2.9982e+01 1.0614e+02

1593 1004 0.0000e+00 0.0000e+00 0.0000e+00 2.9206e+01 2.7915e+01 -7.9469e+00  
1010 0.0000e+00 0.0000e+00 0.0000e+00 4.0892e+01 2.4139e+01 -1.5100e+00  
1011 0.0000e+00 0.0000e+00 0.0000e+00 5.9455e+01 5.7584e+01 -4.8217e+00  
1005 0.0000e+00 0.0000e+00 0.0000e+00 2.2455e+01 6.1028e+01 -1.1259e+01

1594 1003 0.0000e+00 0.0000e+00 0.0000e+00 2.1541e+01 7.1498e+00 -8.6051e+00  
1009 0.0000e+00 0.0000e+00 0.0000e+00 2.4656e+01 8.1756e+00 -1.2889e+00  
1010 0.0000e+00 0.0000e+00 0.0000e+00 3.4416e+01 2.2297e+01 -2.5145e+00  
1004 0.0000e+00 0.0000e+00 0.0000e+00 2.5204e+01 2.5994e+01 -9.8307e+00

1595 1002 0.0000e+00 0.0000e+00 0.0000e+00 1.3281e+01 -8.0122e+00 -9.0229e+00  
1008 0.0000e+00 0.0000e+00 0.0000e+00 1.1506e+01 -5.6378e+00 -2.0647e+00  
1009 0.0000e+00 0.0000e+00 0.0000e+00 1.9945e+01 5.3259e+00 -1.7427e+00  
1003 0.0000e+00 0.0000e+00 0.0000e+00 1.7609e+01 6.9983e+00 -8.7009e+00

1596 1001 0.0000e+00 0.0000e+00 0.0000e+00 6.1295e+00 -2.7593e+01 -1.1009e+01  
1007 0.0000e+00 0.0000e+00 0.0000e+00 -2.9784e+00 -2.2800e+01 -3.8944e+00  
1008 0.0000e+00 0.0000e+00 0.0000e+00 6.7995e+00 -8.8066e+00 -1.9553e+00  
1002 0.0000e+00 0.0000e+00 0.0000e+00 9.4064e+00 -8.2410e+00 -9.0702e+00

1597 1000 0.0000e+00 0.0000e+00 0.0000e+00 1.2540e+01 -6.3336e+01 -1.2962e+01  
1006 0.0000e+00 0.0000e+00 0.0000e+00 -2.9307e+01 -5.8744e+01 -7.5470e+00  
1007 0.0000e+00 0.0000e+00 0.0000e+00 -9.4450e+00 -2.5682e+01 -3.2789e+00  
1001 0.0000e+00 0.0000e+00 0.0000e+00 2.6133e+00 -3.0394e+01 -8.6939e+00

1598 314 0.0000e+00 0.0000e+00 0.0000e+00 7.9274e+01 -2.8727e+01 1.0812e+02  
14 0.0000e+00 0.0000e+00 0.0000e+00 -2.2739e+01 -3.1973e+02 6.8284e+01  
1006 0.0000e+00 0.0000e+00 0.0000e+00 -5.8393e+01 -3.4032e+01 -2.9167e+01  
1000 0.0000e+00 0.0000e+00 0.0000e+00 4.1826e+01 -1.1260e+02 1.0673e+01

1599 999 0.0000e+00 0.0000e+00 0.0000e+00 -1.0871e+00 2.6842e+01 1.1081e+01  
1005 0.0000e+00 0.0000e+00 0.0000e+00 7.8189e-01 7.0325e+01 2.6013e+01  
421 0.0000e+00 0.0000e+00 0.0000e+00 2.2638e+01 8.4627e+00 4.7132e+01  
410 0.0000e+00 0.0000e+00 0.0000e+00 4.4561e+00 5.9083e+00 3.2199e+01

1600 998 0.0000e+00 0.0000e+00 0.0000e+00 2.7181e+00 2.6115e+01 -2.7655e+00  
1004 0.0000e+00 0.0000e+00 0.0000e+00 1.8632e+01 3.4408e+01 -1.3558e+01

1005	0.0000e+00	0.0000e+00	0.0000e+00	-2.8659e+00	4.7424e+01	-1.1333e-01
999	0.0000e+00	0.0000e+00	0.0000e+00	4.4130e+00	2.6408e+01	1.0679e+01
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	1.3470e+01	9.1450e+00
1003	0.0000e+00	0.0000e+00	0.0000e+00	1.7668e+01	1.1139e+01	-1.1918e+01
1004	0.0000e+00	0.0000e+00	0.0000e+00	1.6846e+01	2.0750e+01	-1.0529e+01
998	0.0000e+00	0.0000e+00	0.0000e+00	8.3879e+00	1.9716e+01	-7.3106e+00
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	1.7682e+01	-6.7011e+00
1002	0.0000e+00	0.0000e+00	0.0000e+00	1.5018e+01	-4.8396e+00	-1.1486e+01
1003	0.0000e+00	0.0000e+00	0.0000e+00	1.6207e+01	3.6142e+00	-1.1267e+01
997	0.0000e+00	0.0000e+00	0.0000e+00	1.4592e+01	4.9982e+00	-1.0230e+01
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	2.4051e+01	-2.1490e+01
1001	0.0000e+00	0.0000e+00	0.0000e+00	1.4922e+01	-2.2469e+01	-1.1259e+01
1002	0.0000e+00	0.0000e+00	0.0000e+00	1.3574e+01	-1.2467e+01	-1.2405e+01
996	0.0000e+00	0.0000e+00	0.0000e+00	1.8899e+01	-1.0949e+01	-8.8620e+00
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	2.8196e+01	-2.7775e+01
1000	0.0000e+00	0.0000e+00	0.0000e+00	3.5368e+01	-5.0206e+01	-2.7912e-01
1001	0.0000e+00	0.0000e+00	0.0000e+00	1.3084e+01	-3.6286e+01	-1.4280e+01
995	0.0000e+00	0.0000e+00	0.0000e+00	3.0017e+01	-2.8196e+01	-3.1275e+00
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	2.7201e+01	-6.0097e+00
314	0.0000e+00	0.0000e+00	0.0000e+00	9.9260e+00	-8.7077e+00	4.7460e+01
1000	0.0000e+00	0.0000e+00	0.0000e+00	3.2202e+01	-7.0818e+01	2.6462e+01
994	0.0000e+00	0.0000e+00	0.0000e+00	3.3209e+01	-2.7741e+01	1.1046e+01
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	1.2638e+01	7.2563e+00
999	0.0000e+00	0.0000e+00	0.0000e+00	7.0712e+00	1.9084e+01	1.8637e+01
410	0.0000e+00	0.0000e+00	0.0000e+00	1.8909e+01	7.4662e-01	2.5406e+01
399	0.0000e+00	0.0000e+00	0.0000e+00	1.5851e+01	-2.1809e+00	1.7203e+01
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	1.0329e+01	1.2082e+01
998	0.0000e+00	0.0000e+00	0.0000e+00	1.0127e+01	1.9056e+01	-2.2373e-01
999	0.0000e+00	0.0000e+00	0.0000e+00	7.0891e+00	2.3373e+01	9.1370e+00
993	0.0000e+00	0.0000e+00	0.0000e+00	1.1132e+01	9.9409e+00	1.0355e+01
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	1.4132e+01	5.7632e+00
997	0.0000e+00	0.0000e+00	0.0000e+00	1.4903e+01	8.1745e+00	-8.8379e+00
998	0.0000e+00	0.0000e+00	0.0000e+00	9.6817e+00	1.7532e+01	-4.1580e+00
992	0.0000e+00	0.0000e+00	0.0000e+00	1.2059e+01	9.7407e+00	-1.8220e-01
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	1.9268e+01	-4.0871e+00
996	0.0000e+00	0.0000e+00	0.0000e+00	1.8643e+01	-5.3736e+00	-9.5868e+00
997	0.0000e+00	0.0000e+00	0.0000e+00	1.4403e+01	3.6720e+00	-9.4145e+00
991	0.0000e+00	0.0000e+00	0.0000e+00	1.6334e+01	2.0099e+00	-5.5043e+00
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	2.3448e+01	-1.1735e+01
995	0.0000e+00	0.0000e+00	0.0000e+00	2.3480e+01	-1.9340e+01	-4.5451e+00
996	0.0000e+00	0.0000e+00	0.0000e+00	1.8138e+01	-9.8512e+00	-8.9490e+00
990	0.0000e+00	0.0000e+00	0.0000e+00	2.1477e+01	-7.8560e+00	-4.9632e+00
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	2.3986e+01	-1.1573e+01
994	0.0000e+00	0.0000e+00	0.0000e+00	2.5776e+01	-2.4736e+01	8.8006e+00
995	0.0000e+00	0.0000e+00	0.0000e+00	2.3002e+01	-2.0736e+01	-3.1707e-01
989	0.0000e+00	0.0000e+00	0.0000e+00	2.5116e+01	-1.4022e+01	5.7876e-01
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	1.8408e+01	1.2843e+00
304	0.0000e+00	0.0000e+00	0.0000e+00	1.3222e+01	-1.0202e+00	2.4814e+01
994	0.0000e+00	0.0000e+00	0.0000e+00	2.5743e+01	-1.9967e+01	1.8547e+01
988	0.0000e+00	0.0000e+00	0.0000e+00	2.2212e+01	-8.6113e+00	9.6505e+00
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	2.0008e+01	-9.2150e-02
993	0.0000e+00	0.0000e+00	0.0000e+00	1.5208e+01	5.4840e+00	1.1336e+01
399	0.0000e+00	0.0000e+00	0.0000e+00	2.1424e+01	-4.1379e+00	1.4087e+01
388	0.0000e+00	0.0000e+00	0.0000e+00	2.2484e+01	-4.5586e+00	9.3503e+00
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	1.7448e+01	3.7363e+00
992	0.0000e+00	0.0000e+00	0.0000e+00	1.4374e+01	8.7821e+00	2.7254e+00
993	0.0000e+00	0.0000e+00	0.0000e+00	1.5037e+01	7.5819e+00	7.6255e+00
987	0.0000e+00	0.0000e+00	0.0000e+00	1.8734e+01	1.9457e+00	6.5637e+00
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	1.8406e+01	2.0204e+00
991	0.0000e+00	0.0000e+00	0.0000e+00	1.6858e+01	3.9522e+00	-3.6187e+00
992	0.0000e+00	0.0000e+00	0.0000e+00	1.4096e+01	8.4269e+00	-3.3078e-01
986	0.0000e+00	0.0000e+00	0.0000e+00	1.7882e+01	3.1911e+00	1.4592e+00
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	2.0946e+01	-2.4420e+00
						-2.1432e+00

	990	0.0000e+00	0.0000e+00	0.0000e+00	2.0277e+01	-4.0147e+00	-4.8136e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	1.6636e+01	2.0630e+00	-4.5891e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	1.9687e+01	1.0985e-03	-1.9187e+00
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	2.2685e+01	-5.7193e+00	8.2733e-01
	989	0.0000e+00	0.0000e+00	0.0000e+00	2.2707e+01	-1.0330e+01	-8.8518e-01
	990	0.0000e+00	0.0000e+00	0.0000e+00	2.0057e+01	-5.8924e+00	-3.6591e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	2.2193e+01	-4.4558e+00	-1.9466e+00
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	2.1480e+01	-4.3996e+00	5.2093e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	2.1370e+01	-9.1556e+00	6.5978e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	2.2402e+01	-1.0615e+01	2.3911e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	2.2995e+01	-6.2006e+00	1.0025e+00
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	1.6976e+01	2.6499e+00	6.9636e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	1.4158e+01	3.2033e+00	1.2373e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	2.1071e+01	-6.8369e+00	1.0489e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	1.9989e+01	-2.1770e+00	5.0799e+00
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	2.5207e+01	-3.3658e+00	3.4720e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	2.1771e+01	-6.3293e-01	6.4390e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	2.5214e+01	-5.3648e+00	8.0306e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	2.7207e+01	-6.1016e+00	5.0636e+00
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	2.2889e+01	-3.3755e-01	9.1536e-01
	986	0.0000e+00	0.0000e+00	0.0000e+00	2.0073e+01	2.2932e+00	2.4259e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	2.1382e+01	7.8277e-01	4.9117e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	2.4352e+01	-2.0056e+00	3.4012e+00
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	2.2430e+01	-1.5714e-01	-7.5772e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	2.0529e+01	8.9303e-01	-9.9192e-01
	986	0.0000e+00	0.0000e+00	0.0000e+00	1.9714e+01	2.6159e+00	7.7872e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	2.2816e+01	-1.9387e-01	1.0129e+00
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	2.3088e+01	-1.8356e+00	-8.4017e-01
	984	0.0000e+00	0.0000e+00	0.0000e+00	2.1923e+01	-2.6317e+00	-1.8428e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	2.0293e+01	3.4962e-01	-1.6165e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	2.2878e+01	-9.3993e-01	-6.1380e-01
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	2.3333e+01	-3.0918e+00	3.6028e-01
	983	0.0000e+00	0.0000e+00	0.0000e+00	2.2474e+01	-5.0092e+00	4.5588e-02
	984	0.0000e+00	0.0000e+00	0.0000e+00	2.1728e+01	-3.2420e+00	-1.0999e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	2.3501e+01	-2.6623e+00	-7.8517e-01
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	2.1776e+01	-1.8092e+00	1.6653e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	2.0610e+01	-3.2025e+00	3.2671e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	2.2180e+01	-4.8049e+00	1.8024e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	2.3145e+01	-3.0052e+00	2.0062e-01
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	1.8374e+01	2.5741e+00	1.6267e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	1.6021e+01	3.3647e+00	5.1653e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	2.0152e+01	-1.7377e+00	4.8978e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	2.0737e+01	-3.6384e-01	1.3591e+00
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	2.7850e+01	-5.2847e+00	6.0667e-01
	981	0.0000e+00	0.0000e+00	0.0000e+00	2.6458e+01	-3.7377e+00	3.0011e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	2.8665e+01	-6.6038e+00	4.3219e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	3.0036e+01	-7.9362e+00	1.9275e+00
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	2.5498e+01	-1.9849e+00	-6.8134e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	2.4365e+01	-9.9040e-01	1.0894e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	2.5821e+01	-2.5339e+00	2.2461e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	2.7291e+01	-4.0609e+00	4.7536e-01
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	2.4466e+01	-8.9176e-01	-9.5090e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	2.3617e+01	-6.4645e-01	-3.8079e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	2.3867e+01	-3.8703e-01	2.1575e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	2.5262e+01	-1.4422e+00	-3.5436e-01
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	2.4430e+01	-1.6560e+00	-6.3007e-01
	978	0.0000e+00	0.0000e+00	0.0000e+00	2.3733e+01	-1.9115e+00	-8.0129e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	2.3374e+01	-7.1419e-01	-7.6652e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	2.4474e+01	-1.0455e+00	-5.9531e-01
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	2.4301e+01	-2.6037e+00	-4.3294e-01
	977	0.0000e+00	0.0000e+00	0.0000e+00	2.3513e+01	-2.7912e+00	-3.1455e-01
	978	0.0000e+00	0.0000e+00	0.0000e+00	2.3624e+01	-2.1901e+00	-4.9261e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	2.4407e+01	-1.9893e+00	-6.1100e-01

1632	970	0.0000e+00	0.0000e+00	0.0000e+00	2.2949e+01	-1.8064e+00	-9.8030e-01
	976	0.0000e+00	0.0000e+00	0.0000e+00	2.1878e+01	-1.3844e+00	3.5186e-01
	977	0.0000e+00	0.0000e+00	0.0000e+00	2.3306e+01	-2.6523e+00	4.4473e-01
	971	0.0000e+00	0.0000e+00	0.0000e+00	2.3966e+01	-2.4327e+00	-8.8742e-01
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	2.0116e+01	1.6828e+00	-2.3167e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	1.8580e+01	2.7289e+00	3.6138e-01
	976	0.0000e+00	0.0000e+00	0.0000e+00	2.1377e+01	-4.2362e-01	9.9297e-01
	970	0.0000e+00	0.0000e+00	0.0000e+00	2.2233e+01	-7.5441e-01	-1.6851e+00
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	2.6299e+01	-6.6339e+00	-2.7127e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	2.8381e+01	-5.8728e+00	-4.7743e-03
	366	0.0000e+00	0.0000e+00	0.0000e+00	3.0238e+01	-8.5235e+00	1.3702e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	2.9411e+01	-1.0760e+01	-1.3378e+00
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	2.3728e+01	-1.7745e+00	-2.8229e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	2.5689e+01	-2.2919e+00	-6.7885e-01
	975	0.0000e+00	0.0000e+00	0.0000e+00	2.7357e+01	-4.3069e+00	-6.3874e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	2.5995e+01	-4.9117e+00	-2.7828e+00
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	2.2775e+01	-1.8020e-01	-1.4497e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	2.4366e+01	-9.2169e-01	-6.6903e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	2.5069e+01	-1.4449e+00	-1.2899e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	2.3504e+01	-8.3278e-01	-2.0707e+00
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	2.2981e+01	-1.3501e+00	-3.4464e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	2.4212e+01	-1.5827e+00	-5.2063e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	2.4253e+01	-9.8015e-01	-9.9216e-01
	967	0.0000e+00	0.0000e+00	0.0000e+00	2.2618e+01	-1.8480e-01	-8.1617e-01
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	2.3351e+01	-3.4456e+00	-6.3073e-01
	971	0.0000e+00	0.0000e+00	0.0000e+00	2.4199e+01	-2.5910e+00	-8.4609e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	2.4379e+01	-2.0889e+00	-5.6387e-01
	966	0.0000e+00	0.0000e+00	0.0000e+00	2.2776e+01	-1.8496e+00	-3.4851e-01
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	2.2668e+01	-3.8545e+00	-2.7417e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	2.3196e+01	-1.9784e+00	-1.9812e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	2.4279e+01	-2.8383e+00	-7.5203e-01
	965	0.0000e+00	0.0000e+00	0.0000e+00	2.2981e+01	-3.6418e+00	-1.5125e+00
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	2.0003e+01	-2.0069e-01	-5.8047e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	2.0609e+01	1.3383e+00	-3.4486e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	2.2775e+01	-1.2888e+00	-1.9245e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	2.2160e+01	-3.0723e+00	-4.2806e+00
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	1.7533e+01	-7.3888e+00	-7.1793e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	2.5572e+01	-7.5911e+00	-3.3768e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	2.7617e+01	-1.1733e+01	-2.0601e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	2.2464e+01	-1.4806e+01	-5.8626e+00
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	1.5473e+01	6.4499e-01	-4.8851e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	2.1950e+01	-1.6747e+00	-2.5850e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	2.3873e+01	-5.0389e+00	-4.3016e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	1.7771e+01	-3.6165e+00	-6.6016e+00
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	1.5597e+01	2.0440e+00	-1.2554e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	2.0730e+01	2.3931e-01	-9.8321e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	2.1407e+01	-7.2300e-01	-3.1450e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	1.5420e+01	2.1850e+00	-3.4172e+00
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	1.6366e+01	-6.0263e-01	6.7070e-01
	966	0.0000e+00	0.0000e+00	0.0000e+00	2.1199e+01	-1.2327e+00	6.5353e-03
	967	0.0000e+00	0.0000e+00	0.0000e+00	2.0932e+01	-1.8685e-01	-1.2338e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	1.5414e+01	1.8870e+00	-5.6964e-01
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	1.7380e+01	-5.2723e+00	2.6689e-01
	965	0.0000e+00	0.0000e+00	0.0000e+00	2.2123e+01	-3.8180e+00	-6.7793e-01
	966	0.0000e+00	0.0000e+00	0.0000e+00	2.1730e+01	-2.3546e+00	-3.4517e-01
	960	0.0000e+00	0.0000e+00	0.0000e+00	1.6040e+01	-1.6257e+00	5.9965e-01
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	1.7914e+01	-8.6570e+00	-3.2967e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	2.2229e+01	-4.7386e+00	-3.5866e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	2.2682e+01	-4.8636e+00	-1.2588e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	1.6928e+01	-6.0199e+00	-9.6882e-01
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	1.5027e+01	-4.4195e+00	-9.4496e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	2.0357e+01	-1.3185e+00	-7.1722e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	2.2096e+01	-4.4622e+00	-4.1339e+00

	958	0.0000e+00	0.0000e+00	0.0000e+00	1.7467e+01	-7.9848e+00	-6.4112e+00
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	-3.2405e+00	-3.5710e+00	-1.2218e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	1.4092e+01	-8.1694e+00	-7.1096e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	1.6805e+01	-1.6836e+01	-6.7447e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	3.4198e+00	-2.2230e+01	-1.1853e+01
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	7.9717e-01	6.0701e+00	-3.5608e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	1.0305e+01	2.2325e+00	-3.7577e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	1.1963e+01	-3.9758e+00	-8.7331e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.2222e+00	3.0329e+00	-8.5362e+00
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	2.5280e+00	6.0307e+00	2.7731e-01
	961	0.0000e+00	0.0000e+00	0.0000e+00	1.1154e+01	2.8365e+00	-6.1663e-01
	962	0.0000e+00	0.0000e+00	0.0000e+00	1.1124e+01	2.2499e+00	-3.7096e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	9.1789e-01	5.7983e+00	-2.8156e+00
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	2.7123e+00	2.2439e+00	1.7773e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	1.2369e+01	-7.5061e-01	1.2545e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	1.1958e+01	1.9340e+00	-5.3222e-01
	952	0.0000e+00	0.0000e+00	0.0000e+00	2.1643e+00	2.8345e+00	-9.3939e-03
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	2.2779e+00	-4.0357e+00	1.6430e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	1.3828e+01	-6.2465e+00	1.0989e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	1.3293e+01	-2.1953e+00	6.6724e-01
	950	0.0000e+00	0.0000e+00	0.0000e+00	1.8148e+00	-3.4651e+00	1.2113e+00
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	3.8082e+00	-1.1458e+01	-1.9425e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	1.4656e+01	-1.0465e+01	-3.0313e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	1.5553e+01	-8.0414e+00	-4.1381e-01
	948	0.0000e+00	0.0000e+00	0.0000e+00	9.1286e-01	-1.2755e+01	6.7497e-01
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	-9.9288e-01	-1.0231e+01	-1.3675e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	1.4951e+01	-6.9784e+00	-1.1121e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	1.6867e+01	-1.1447e+01	-4.7519e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	1.7782e+00	-2.2078e+01	-7.3067e+00
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.9264e+01	1.1853e+01	3.2514e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.8115e+01	2.0778e+00	-6.4098e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	-1.6421e+00	-2.5080e+01	-2.2387e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.3464e+01	-2.4644e-02	-1.2726e+01
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	-1.5716e+01	6.8361e+00	6.1102e-01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-6.6405e+00	8.1559e+00	-3.4191e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.2111e+01	2.2803e+00	-5.5996e+00
	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.7641e+01	8.3536e+00	-1.5695e+00
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	-1.5890e+01	-1.4200e+00	-3.6884e-01
	952	0.0000e+00	0.0000e+00	0.0000e+00	-2.9499e+00	5.1829e+00	-1.4914e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-5.7713e+00	6.2043e+00	-1.8783e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	-1.5128e+01	1.3651e+01	-7.5578e-01
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.9165e+01	-1.3470e+01	-1.8237e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	-2.6593e+00	-9.2924e-02	-1.4128e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-5.3213e+00	3.6635e+00	-1.2219e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	-1.5750e+01	1.6624e+01	-1.6328e+00
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-2.5902e+01	-2.9346e+01	-4.1217e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	-3.8467e+00	-8.1649e+00	-2.5952e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	-7.4713e+00	-2.1911e+00	-1.8219e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.9477e+01	1.7304e+01	-3.3483e+00
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-3.7036e+01	-5.0464e+01	-7.9734e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	-3.9520e+00	-1.8368e+01	-6.0664e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	-1.0777e+01	-1.1352e+01	-4.1286e+00
	949	0.0000e+00	0.0000e+00	0.0000e+00	-2.6712e+01	1.6520e+01	-6.0356e+00
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.9131e+01	-8.3518e+01	-1.8159e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	1.4686e+01	-1.7060e+01	-2.0718e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.0387e+01	-2.7929e+01	-1.2409e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-3.8753e+01	2.0417e+01	-9.8505e+00
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	3.8655e+00	1.1423e+02	1.0884e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	7.9670e+01	1.4939e+01	-2.4610e+01
	18	0.0000e+00	0.0000e+00	0.0000e+00	6.5355e+01	3.1040e+02	6.5550e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-5.3052e+01	3.1410e+01	1.0104e+02
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	2.8311e+01	2.8475e+01	-9.4765e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	4.0491e+01	2.7565e+01	-3.0550e+00

	945	0.0000e+00	0.0000e+00	0.0000e+00	5.2470e+01	5.6379e+01	-5.6162e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	2.9219e+01	6.0574e+01	-1.2038e+01
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	2.1283e+01	1.2971e+01	-8.0774e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	2.5333e+01	1.2756e+01	-1.8359e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	3.4489e+01	2.4345e+01	-3.7869e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	2.4653e+01	2.8018e+01	-1.0028e+01
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	1.3829e+01	2.5317e+00	-7.4285e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	1.4530e+01	3.1270e+00	-1.8830e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	2.1587e+01	1.1046e+01	-2.3935e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	1.7901e+01	1.2659e+01	-7.9390e+00
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	6.3181e+00	-8.7295e+00	-8.2965e+00
	941	0.0000e+00	0.0000e+00	0.0000e+00	3.8751e+00	-6.9664e+00	-2.5162e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	1.1180e+01	1.5645e+00	-1.8581e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	1.0613e+01	2.0159e+00	-7.6384e+00
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	-1.4822e+00	-2.6351e+01	-1.0976e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.0408e+01	-2.2524e+01	-3.8821e+00
	941	0.0000e+00	0.0000e+00	0.0000e+00	-2.6338e-01	-8.9127e+00	-1.8049e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	2.6097e+00	-9.2252e+00	-8.8990e+00
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	-8.8225e+00	-6.3909e+01	-1.3710e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-3.1292e+01	-5.9465e+01	-5.3686e+00
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.7397e+01	-2.6170e+01	-2.7459e+00
	933	0.0000e+00	0.0000e+00	0.0000e+00	-5.9778e+00	-2.6954e+01	-1.1087e+01
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	8.0086e+01	-4.1997e+01	1.0265e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	-5.8442e+01	-3.3326e+02	6.9218e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-6.1432e+01	-1.4470e+01	-2.3388e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	1.5987e+01	-1.2116e+02	1.0042e+01
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	-5.9637e+00	3.2560e+01	8.8417e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	2.5256e+00	7.9003e+01	2.1829e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	1.8555e+01	9.2553e+00	4.4333e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	4.0705e+00	1.0845e+01	3.1346e+01
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	2.9563e+00	3.0559e+01	-3.4940e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	1.8244e+01	3.5337e+01	-1.4248e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-3.0301e+00	4.7957e+01	-3.2534e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	2.6481e+00	3.0820e+01	7.5006e+00
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	1.2085e+01	1.5090e+01	-8.8113e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	1.7075e+01	1.5920e+01	-1.0906e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	1.6630e+01	2.4330e+01	-1.0511e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	8.3264e+00	2.4373e+01	-8.4161e+00
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	1.3446e+01	2.8877e+00	-1.0616e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	1.3135e+01	4.1461e+00	-9.8962e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	1.5673e+01	1.0872e+01	-9.8781e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	1.2352e+01	1.2095e+01	-1.0598e+01
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	1.3863e+01	-9.0994e+00	-1.1448e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	8.8942e+00	-7.0444e+00	-1.0680e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	1.1574e+01	1.5736e-01	-9.9313e+00
	928	0.0000e+00	0.0000e+00	0.0000e+00	1.2724e+01	7.1968e-01	-1.0699e+01
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	1.8050e+01	-2.3580e+01	-1.0227e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	7.3360e+00	-2.2511e+01	-1.2240e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	7.3060e+00	-1.2621e+01	-1.1794e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	1.4039e+01	-1.2442e+01	-9.7801e+00
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	2.3976e+01	-3.3666e+01	5.2993e+00
	932	0.0000e+00	0.0000e+00	0.0000e+00	2.7132e+01	-5.0191e+01	-5.8107e+00
	933	0.0000e+00	0.0000e+00	0.0000e+00	5.3284e+00	-3.4954e+01	-1.6303e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	2.3483e+01	-3.0565e+01	-5.1935e+00
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	2.3102e+01	-1.6819e+01	3.1434e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	4.6924e+00	-1.7033e+01	4.4435e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	2.0300e+01	-8.5426e+01	2.0059e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	3.3585e+01	-3.7056e+01	7.0588e+00
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	8.8325e+00	1.2530e+01	9.6633e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	4.1231e+00	2.4036e+01	1.7391e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	1.6058e+01	5.8170e+00	2.5118e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	1.2406e+01	1.9227e+00	1.7390e+01
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	7.0664e+00	1.8249e+01	-3.0612e-01



	930	0.0000e+00	0.0000e+00	0.0000e+00	8.0328e+00	2.4386e+01	-1.9285e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	4.1484e+00	2.8209e+01	7.5590e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	7.6948e+00	1.5436e+01	9.1814e+00
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	1.0885e+01	1.2208e+01	-6.4539e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	1.2208e+01	1.4557e+01	-9.7380e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	7.3500e+00	2.2271e+01	-5.3104e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	9.1515e+00	1.5796e+01	-2.0263e+00
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	1.4946e+01	2.8319e+00	-8.8739e+00
	928	0.0000e+00	0.0000e+00	0.0000e+00	1.3945e+01	3.7753e+00	-1.1220e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	1.1650e+01	1.0625e+01	-9.9613e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	1.2533e+01	9.0588e+00	-7.6150e+00
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	1.8627e+01	-6.9632e+00	-8.3970e+00
	927	0.0000e+00	0.0000e+00	0.0000e+00	1.5874e+01	-7.6390e+00	-1.0883e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	1.3481e+01	-3.0752e-01	-1.1277e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	1.6030e+01	-1.9853e-01	-8.7907e+00
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	2.2560e+01	-1.5599e+01	-3.4016e+00
	926	0.0000e+00	0.0000e+00	0.0000e+00	2.0508e+01	-2.1328e+01	-7.1106e+00
	927	0.0000e+00	0.0000e+00	0.0000e+00	1.5272e+01	-1.2126e+01	-1.0769e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	2.0352e+01	-1.0564e+01	-7.0597e+00
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	2.4680e+01	-1.7844e+01	7.7308e+00
	925	0.0000e+00	0.0000e+00	0.0000e+00	2.4379e+01	-3.0669e+01	5.4814e+00
	926	0.0000e+00	0.0000e+00	0.0000e+00	1.9682e+01	-2.4420e+01	-3.7179e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	2.4862e+01	-1.8909e+01	-1.4686e+00
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	2.0079e+01	-6.3130e+00	1.6589e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	1.2206e+01	-1.0803e+01	2.4348e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	2.4069e+01	-2.7673e+01	1.6144e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	2.3788e+01	-1.5812e+01	8.3849e+00
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	1.5742e+01	4.6085e+00	6.1460e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	1.1076e+01	1.0367e+01	1.0891e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	1.7788e+01	-1.1875e-01	1.4181e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	1.8553e+01	-9.1757e-01	9.4360e+00
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	1.3232e+01	9.7117e+00	4.3865e-01
	923	0.0000e+00	0.0000e+00	0.0000e+00	1.0546e+01	1.4918e+01	1.3100e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	1.1058e+01	1.3043e+01	6.8019e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	1.4469e+01	7.3033e+00	5.9305e+00
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	1.4676e+01	8.0123e+00	-3.8662e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	1.3112e+01	1.0652e+01	-5.6842e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	1.0243e+01	1.4247e+01	-1.8664e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	1.3896e+01	9.2777e+00	-4.8394e-02
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	1.8023e+01	2.3649e+00	-5.5772e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	1.6392e+01	2.8651e+00	-8.2953e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	1.2968e+01	8.2594e+00	-6.8860e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	1.5992e+01	5.9509e+00	-4.1680e+00
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	2.1723e+01	-4.3684e+00	-4.5649e+00
	920	0.0000e+00	0.0000e+00	0.0000e+00	2.0013e+01	-6.0178e+00	-7.5235e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	1.6381e+01	-1.5289e-01	-8.2993e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	1.9418e+01	-2.5588e-01	-5.3408e+00
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	2.4567e+01	-9.5378e+00	-6.9087e-01
	919	0.0000e+00	0.0000e+00	0.0000e+00	2.3375e+01	-1.3828e+01	-3.1165e+00
	920	0.0000e+00	0.0000e+00	0.0000e+00	1.9942e+01	-8.9419e+00	-6.2845e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.3132e+01	-6.9177e+00	-3.8588e+00
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	2.4725e+01	-9.9095e+00	4.9394e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	2.3223e+01	-1.5119e+01	5.2167e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	2.3127e+01	-1.5354e+01	2.9410e-01
	912	0.0000e+00	0.0000e+00	0.0000e+00	2.5376e+01	-1.0753e+01	1.6816e-02
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	2.0659e+01	-3.3940e+00	8.0087e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	1.6408e+01	-3.7534e+00	1.2771e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	2.3129e+01	-1.3202e+01	9.9164e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	2.3497e+01	-7.8705e+00	5.1537e+00
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	2.1016e+01	9.8303e-01	3.1319e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	1.7313e+01	3.8758e+00	6.1900e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	2.1257e+01	-1.7625e+00	8.1004e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	2.3209e+01	-2.6773e+00	5.0422e+00

1695	909	0.0000e+00	0.0000e+00	0.0000e+00	1.8793e+01	5.2025e+00	7.1849e-02
	916	0.0000e+00	0.0000e+00	0.0000e+00	1.5772e+01	8.1411e+00	1.3909e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	1.7064e+01	6.0070e+00	4.3696e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	2.0147e+01	3.0086e+00	3.0506e+00
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	1.9138e+01	5.3227e+00	-2.0817e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	1.6871e+01	6.9391e+00	-2.8476e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	1.5530e+01	8.3992e+00	-5.7950e-01
	909	0.0000e+00	0.0000e+00	0.0000e+00	1.8943e+01	5.4949e+00	1.8645e-01
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	2.1408e+01	2.0954e+00	-2.6261e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	1.9561e+01	2.1930e+00	-4.6958e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	1.6865e+01	5.6938e+00	-3.8806e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	1.9950e+01	4.1666e+00	-1.8109e+00
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	2.4302e+01	-2.5124e+00	-1.5962e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.2704e+01	-3.7877e+00	-3.9949e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	1.9754e+01	2.0644e-01	-4.6408e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	2.2438e+01	2.1856e-01	-2.2421e+00
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	2.6358e+01	-6.1326e+00	5.4920e-01
	912	0.0000e+00	0.0000e+00	0.0000e+00	2.4861e+01	-8.3673e+00	-1.0202e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.2904e+01	-5.6290e+00	-2.8251e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	2.5166e+01	-4.2663e+00	-1.2557e+00
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	2.6167e+01	-6.4969e+00	2.7075e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	2.4159e+01	-8.3817e+00	3.2672e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	2.4893e+01	-9.0214e+00	1.1840e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	2.6556e+01	-6.7540e+00	6.2423e-01
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	2.3217e+01	-2.7550e+00	3.1810e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	2.0068e+01	-2.3558e+00	6.1622e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	2.4023e+01	-6.9919e+00	5.4675e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	2.5245e+01	-5.2081e+00	2.4863e+00
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	2.4230e+01	-1.0126e+00	4.3270e-01
	910	0.0000e+00	0.0000e+00	0.0000e+00	2.2265e+01	5.8022e-01	2.8482e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	2.4822e+01	-3.1884e+00	4.3076e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	2.6521e+01	-4.5044e+00	1.8921e+00
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	2.2115e+01	3.4244e+00	-8.9737e-01
	909	0.0000e+00	0.0000e+00	0.0000e+00	2.0393e+01	4.5397e+00	5.8809e-01
	910	0.0000e+00	0.0000e+00	0.0000e+00	2.1710e+01	2.4012e+00	1.9159e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	2.3780e+01	8.7008e-01	4.3040e-01
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	2.1995e+01	4.5620e+00	-1.0344e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	2.0559e+01	4.8879e+00	-1.2052e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	2.0062e+01	5.1773e+00	-5.1030e-01
	902	0.0000e+00	0.0000e+00	0.0000e+00	2.2149e+01	4.1181e+00	-3.3944e-01
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	2.3624e+01	2.4775e+00	-2.9975e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	2.2416e+01	2.0946e+00	-1.7838e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	2.0612e+01	4.2536e+00	-1.8251e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	2.2449e+01	3.9529e+00	-3.4102e-01
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	2.6004e+01	-1.3842e+00	7.9184e-01
	906	0.0000e+00	0.0000e+00	0.0000e+00	2.4896e+01	-2.1264e+00	-1.1493e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	2.2766e+01	6.7664e-01	-1.7089e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	2.4238e+01	1.0499e+00	2.3218e-01
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	2.7840e+01	-4.9494e+00	1.5574e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	2.6614e+01	-5.5079e+00	2.2617e-01
	906	0.0000e+00	0.0000e+00	0.0000e+00	2.5329e+01	-3.5765e+00	-4.1029e-01
	899	0.0000e+00	0.0000e+00	0.0000e+00	2.6454e+01	-2.8665e+00	9.2091e-01
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	2.7841e+01	-6.0387e+00	1.2825e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	2.6274e+01	-5.8631e+00	1.5630e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	2.6860e+01	-6.1449e+00	1.3892e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	2.7818e+01	-5.6228e+00	1.1087e+00
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	2.5487e+01	-3.4786e+00	-1.7805e-01
	829	0.0000e+00	0.0000e+00	0.0000e+00	2.3622e+01	-2.4685e+00	1.9327e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	2.6105e+01	-5.0858e+00	2.5428e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	2.7241e+01	-5.2917e+00	4.3207e-01
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	2.3934e+01	-2.1115e+00	-2.5358e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	2.4985e+01	-1.4882e+00	5.7903e-02
	483	0.0000e+00	0.0000e+00	0.0000e+00	2.7061e+01	-5.0367e+00	1.3701e+00

	472	0.0000e+00	0.0000e+00	0.0000e+00	2.7063e+01	-7.0287e+00	-1.2236e+00
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	2.1771e+01	3.8726e+00	-2.2426e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	2.2618e+01	3.2738e+00	-5.0632e-01
	903	0.0000e+00	0.0000e+00	0.0000e+00	2.4003e+01	6.6494e-01	-6.2290e-01
	896	0.0000e+00	0.0000e+00	0.0000e+00	2.3870e+01	2.9848e-01	-2.3592e+00
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	2.1660e+01	5.6856e+00	-3.1084e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	2.2239e+01	4.6661e+00	-2.5014e-01
	902	0.0000e+00	0.0000e+00	0.0000e+00	2.2195e+01	4.2156e+00	-1.1175e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	2.1826e+01	4.9249e+00	-1.1782e+00
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	2.3086e+01	3.7487e+00	1.7222e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	2.3641e+01	2.7035e+00	5.0386e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	2.2390e+01	4.2676e+00	-5.2322e-01
	894	0.0000e+00	0.0000e+00	0.0000e+00	2.1892e+01	5.2696e+00	6.9509e-01
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	2.5262e+01	-5.6912e-01	3.0825e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	2.5850e+01	-1.1520e+00	1.2999e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	2.4164e+01	1.4123e+00	5.6234e-01
	893	0.0000e+00	0.0000e+00	0.0000e+00	2.3370e+01	2.2995e+00	2.3449e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	2.7276e+01	-5.3915e+00	2.9657e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	2.7694e+01	-4.8479e+00	1.4541e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	2.6551e+01	-2.7108e+00	1.5600e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	2.5385e+01	-2.3783e+00	3.0715e+00
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	2.7766e+01	-8.0264e+00	6.4956e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	2.8000e+01	-6.2038e+00	4.3569e-01
	898	0.0000e+00	0.0000e+00	0.0000e+00	2.8260e+01	-5.8726e+00	1.7539e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	2.7076e+01	-6.6775e+00	1.9678e+00
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	2.5443e+01	-5.6407e+00	-3.1269e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	2.6101e+01	-3.8847e+00	-1.2948e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	2.7906e+01	-5.8226e+00	5.8782e-01
	890	0.0000e+00	0.0000e+00	0.0000e+00	2.7314e+01	-7.8189e+00	-1.2442e+00
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	1.7495e+01	-2.2350e+00	-6.3265e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	2.3705e+01	-2.7832e+00	-2.8599e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	2.5845e+01	-7.8425e+00	-1.8927e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	2.2312e+01	-1.0318e+01	-5.3593e+00
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	1.6154e+01	6.6612e+00	-3.3504e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	2.0595e+01	4.2682e+00	-1.6470e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	2.2103e+01	3.1387e-01	-3.6951e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	1.8064e+01	2.0028e+00	-5.3985e+00
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	1.6892e+01	8.3337e+00	7.1523e-01
	894	0.0000e+00	0.0000e+00	0.0000e+00	2.0289e+01	6.2595e+00	4.5318e-01
	895	0.0000e+00	0.0000e+00	0.0000e+00	2.0351e+01	5.2761e+00	-1.9621e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	1.6304e+01	8.0159e+00	-1.7001e+00
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	1.8177e+01	5.7025e+00	3.5524e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	2.1704e+01	4.0651e+00	2.4266e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	2.0632e+01	5.7495e+00	5.0470e-01
	887	0.0000e+00	0.0000e+00	0.0000e+00	1.6989e+01	7.9427e+00	1.6305e+00
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	1.9745e+01	1.3759e-01	5.2019e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	2.3803e+01	-6.1462e-01	3.6426e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	2.2252e+01	2.6475e+00	2.4706e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	1.8166e+01	4.2312e+00	4.0300e+00
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	2.1577e+01	-7.1531e+00	4.8479e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	2.5955e+01	-5.9141e+00	3.1336e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	2.4584e+01	-2.5736e+00	3.4119e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	1.9508e+01	-1.8893e+00	5.1262e+00
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	2.2891e+01	-1.3182e+01	9.6886e-01
	890	0.0000e+00	0.0000e+00	0.0000e+00	2.7136e+01	-9.1133e+00	-6.8669e-02
	891	0.0000e+00	0.0000e+00	0.0000e+00	2.6865e+01	-7.7736e+00	2.5071e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	2.1080e+01	-8.8392e+00	3.5446e+00
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	2.0022e+01	-1.0680e+01	-6.4155e+00
	813	0.0000e+00	0.0000e+00	0.0000e+00	2.5870e+01	-7.0384e+00	-4.5481e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	2.7310e+01	-9.3501e+00	-8.0196e-01
	883	0.0000e+00	0.0000e+00	0.0000e+00	2.2330e+01	-1.3176e+01	-2.6693e+00
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	1.2745e+00	3.6538e+00	-1.0261e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	1.4540e+01	-2.5193e+00	-5.6316e+00

	461	0.0000e+00	0.0000e+00	0.0000e+00	1.7780e+01	-1.1918e+01	-6.1449e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	7.3254e+00	-1.7068e+01	-1.0774e+01
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	5.4544e+00	1.1581e+01	-1.3809e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	1.2317e+01	8.3469e+00	-2.1445e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	1.3081e+01	1.8681e+00	-6.9801e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	3.1577e+00	8.2720e+00	-6.2165e+00
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	7.3796e+00	1.2173e+01	2.4289e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	1.3771e+01	9.1437e+00	1.3954e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	1.3353e+01	8.3944e+00	-1.7236e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	5.7239e+00	1.1582e+01	-6.9007e-01
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	7.8307e+00	9.1788e+00	4.6883e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	1.5103e+01	5.8437e+00	4.0908e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	1.4515e+01	8.4369e+00	1.7889e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	7.2194e+00	9.6899e+00	2.3864e+00
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	7.3048e+00	3.3316e+00	6.1864e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	1.6222e+01	-3.2037e-01	5.8531e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	1.5736e+01	4.5860e+00	4.1109e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	7.1224e+00	4.4065e+00	4.4441e+00
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	6.5398e+00	-5.1045e+00	6.3594e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	1.7666e+01	-8.3289e+00	5.8598e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	1.7181e+01	-2.1638e+00	5.1939e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	6.0225e+00	-4.0610e+00	5.6935e+00
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	8.0915e+00	-1.5102e+01	2.8997e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	1.8924e+01	-1.5225e+01	1.5938e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	1.9739e+01	-1.0712e+01	4.1040e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	4.6560e+00	-1.5838e+01	5.4099e+00
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	3.5914e+00	-1.6467e+01	-1.0223e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	1.9462e+01	-1.3636e+01	-8.1084e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	2.2105e+01	-1.7028e+01	-6.8422e-01
	869	0.0000e+00	0.0000e+00	0.0000e+00	5.1922e+00	-2.8994e+01	-2.7987e+00
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	-1.0180e+01	1.6645e+01	2.9394e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	-1.0031e+01	9.0004e+00	-4.7065e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	1.3797e+00	-1.9110e+01	-1.9890e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.6935e+01	3.5087e+00	-1.2244e+01
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	-7.3974e+00	1.5193e+01	1.9948e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	-5.1373e-02	1.3023e+01	-9.2507e-01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-3.4889e+00	8.2830e+00	-3.3751e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	-9.8197e+00	1.0997e+01	-4.5524e-01
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	-7.2833e+00	8.8769e+00	2.2056e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	3.1893e+00	1.1689e+01	1.3287e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	1.1756e+00	1.2095e+01	3.4540e-01
	880	0.0000e+00	0.0000e+00	0.0000e+00	-7.0295e+00	1.6867e+01	1.2224e+00
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	-9.5363e+00	-1.2019e+00	2.0942e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	3.8706e+00	7.7372e+00	2.2069e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	1.5127e+00	1.0457e+01	1.6561e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	-6.9522e+00	2.0494e+01	1.5434e+00
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	-1.4298e+01	-1.5132e+01	1.3753e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	2.9754e+00	7.4460e-01	2.3110e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	-2.0929e-01	5.5520e+00	2.1538e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	-9.2353e+00	2.1742e+01	1.2181e+00
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	-2.2302e+01	-3.3643e+01	-4.5572e-01
	871	0.0000e+00	0.0000e+00	0.0000e+00	1.1202e+00	-9.4656e+00	1.3037e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	-3.5448e+00	-2.4812e+00	1.7931e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	-1.4106e+01	2.0721e+01	3.3689e-02
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	-3.4412e+01	-5.8281e+01	-4.2855e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.6877e-01	-2.2503e+01	-2.2421e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	-7.8343e+00	-1.4057e+01	-3.3558e-01
	872	0.0000e+00	0.0000e+00	0.0000e+00	-2.2308e+01	1.7921e+01	-2.3790e+00
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	-5.6530e+01	-9.5528e+01	-1.4883e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	1.9658e+01	-2.4716e+01	-1.8110e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	-8.5965e+00	-3.4287e+01	-9.2816e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	-3.4753e+01	1.8928e+01	-6.0540e+00
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	8.2528e+00	1.1914e+02	1.0821e+01

	868	0.0000e+00	0.0000e+00	0.0000e+00	8.6128e+01	1.4513e+01	-2.3371e+01
	17	0.0000e+00	0.0000e+00	0.0000e+00	7.8961e+01	3.2639e+02	6.8924e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	-5.3201e+01	3.7810e+01	1.0312e+02
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	3.1004e+01	2.7779e+01	-1.0170e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	4.3534e+01	2.6945e+01	-2.3572e+00
	868	0.0000e+00	0.0000e+00	0.0000e+00	5.6874e+01	5.8598e+01	-4.9631e+00
	860	0.0000e+00	0.0000e+00	0.0000e+00	3.3342e+01	6.2958e+01	-1.2776e+01
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	2.2744e+01	1.0909e+01	-8.3784e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	2.6904e+01	1.0673e+01	-1.4350e+00
	867	0.0000e+00	0.0000e+00	0.0000e+00	3.6856e+01	2.3536e+01	-3.4360e+00
	859	0.0000e+00	0.0000e+00	0.0000e+00	2.6726e+01	2.7287e+01	-1.0379e+01
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	1.4777e+01	-1.4004e-01	-7.4693e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	1.5580e+01	4.1162e-01	-1.6919e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	2.2865e+01	8.8398e+00	-2.2409e+00
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.9086e+01	1.0486e+01	-8.0183e+00
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	7.3418e+00	-1.1289e+01	-8.0828e+00
	864	0.0000e+00	0.0000e+00	0.0000e+00	5.0873e+00	-9.6235e+00	-2.4554e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	1.2195e+01	-1.2018e+00	-1.8596e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	1.1527e+01	-7.2380e-01	-7.4869e+00
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	1.7759e-01	-2.7871e+01	-1.0441e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-8.2790e+00	-2.4223e+01	-3.9156e+00
	864	0.0000e+00	0.0000e+00	0.0000e+00	1.1625e+00	-1.1533e+01	-1.9544e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	3.8319e+00	-1.1793e+01	-8.4798e+00
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	-5.4966e+00	-6.2612e+01	-1.2727e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-2.7427e+01	-5.8449e+01	-5.5406e+00
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.4694e+01	-2.7721e+01	-3.0574e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	-3.8065e+00	-2.8507e+01	-1.0244e+01
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	7.8773e+01	-3.6925e+01	1.0082e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	-4.6111e+01	-3.1863e+02	6.6485e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-5.5656e+01	-1.6032e+01	-2.4023e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	1.9410e+01	-1.1734e+02	1.0312e+01
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	-5.9073e+00	3.5340e+01	7.7870e+00
	860	0.0000e+00	0.0000e+00	0.0000e+00	5.0225e+00	8.3362e+01	2.1168e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	2.1169e+01	1.3795e+01	4.4919e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	4.7989e+00	1.4478e+01	3.1539e+01
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	3.3805e+00	3.0717e+01	-4.5638e+00
	859	0.0000e+00	0.0000e+00	0.0000e+00	2.0068e+01	3.5331e+01	-1.5350e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	-1.4270e+00	4.9594e+01	-4.5459e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	3.2282e+00	3.2672e+01	6.2407e+00
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	1.2426e+01	1.3605e+01	-9.4837e+00
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.8142e+01	1.4085e+01	-1.1340e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	1.8126e+01	2.3467e+01	-1.1397e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	8.7169e+00	2.4060e+01	-9.5405e+00
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	1.3552e+01	6.8688e-01	-1.0754e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	1.3825e+01	1.5645e+00	-9.8864e+00
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.6556e+01	8.7217e+00	-1.0284e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.2563e+01	1.0391e+01	-1.1151e+01
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	1.3845e+01	-1.1199e+01	-1.1018e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	9.5958e+00	-9.6027e+00	-1.0243e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	1.2218e+01	-2.4687e+00	-9.9092e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	1.2777e+01	-1.5380e+00	-1.0684e+01
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	1.7890e+01	-2.4693e+01	-9.2530e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	8.3718e+00	-2.4181e+01	-1.1310e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	8.0947e+00	-1.4941e+01	-1.1313e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	1.4038e+01	-1.4424e+01	-9.2558e+00
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	2.3606e+01	-3.2910e+01	6.3586e+00
	854	0.0000e+00	0.0000e+00	0.0000e+00	2.7907e+01	-4.9645e+01	-4.4579e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	6.5771e+00	-3.5813e+01	-1.5134e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	2.3228e+01	-3.1268e+01	-4.3175e+00
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	2.2409e+01	-1.4392e+01	3.1045e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	6.0419e+00	-1.3789e+01	4.3968e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	2.1817e+01	-8.2185e+01	2.0796e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	3.2568e+01	-3.5396e+01	7.8729e+00

1758	844	0.0000e+00	0.0000e+00	0.0000e+00	7.9937e+00	1.4430e+01	8.4918e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	4.3080e+00	2.6343e+01	1.6549e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	1.6536e+01	8.9155e+00	2.4699e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	1.1935e+01	4.5834e+00	1.6642e+01
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	6.1542e+00	1.8693e+01	-1.4914e+00
	851	0.0000e+00	0.0000e+00	0.0000e+00	8.1225e+00	2.4570e+01	-3.1856e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	4.0172e+00	2.9907e+01	6.2934e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	6.8595e+00	1.6891e+01	7.9876e+00
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	9.9790e+00	1.1333e+01	-7.2667e+00
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.2104e+01	1.3250e+01	-1.0553e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	7.2227e+00	2.1947e+01	-6.4975e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	8.2657e+00	1.5782e+01	-3.2113e+00
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	1.3940e+01	1.2542e+00	-9.1298e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	1.3638e+01	1.7198e+00	-1.1407e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.1419e+01	9.0089e+00	-1.0629e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	1.1589e+01	7.9233e+00	-8.3515e+00
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	1.7424e+01	-8.5431e+00	-8.0964e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	1.5401e+01	-9.6726e+00	-1.0461e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	1.3123e+01	-2.4107e+00	-1.1316e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	1.4957e+01	-1.8341e+00	-8.9523e+00
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	2.1049e+01	-1.6498e+01	-2.7387e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	1.9808e+01	-2.2481e+01	-6.2203e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	1.4820e+01	-1.3935e+01	-1.0200e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.9050e+01	-1.1986e+01	-6.7184e+00
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	2.2776e+01	-1.7571e+01	8.2766e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	2.3278e+01	-3.0099e+01	6.3839e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	1.9075e+01	-2.5114e+01	-2.7614e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	2.3181e+01	-1.9414e+01	-8.6864e-01
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	1.7990e+01	-4.8908e+00	1.6574e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	1.1216e+01	-8.9321e+00	2.4375e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	2.3130e+01	-2.6487e+01	1.6631e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	2.1732e+01	-1.5094e+01	8.8306e+00
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	1.4210e+01	6.3121e+00	4.6482e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	1.0115e+01	1.2115e+01	9.6982e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	1.7106e+01	2.3439e+00	1.3039e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	1.7354e+01	1.4879e+00	7.9890e+00
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	1.1469e+01	1.0347e+01	-8.7219e-01
	843	0.0000e+00	0.0000e+00	0.0000e+00	9.4072e+00	1.5330e+01	4.9845e-02
	844	0.0000e+00	0.0000e+00	0.0000e+00	9.8856e+00	1.4441e+01	5.4217e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	1.2841e+01	8.7182e+00	4.4997e+00
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	1.2834e+01	7.6332e+00	-4.7762e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	1.1874e+01	9.8800e+00	-6.5971e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	8.9461e+00	1.4284e+01	-3.1079e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	1.2107e+01	9.5761e+00	-1.2870e+00
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	1.6075e+01	1.3468e+00	-5.9836e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	1.5009e+01	1.4172e+00	-8.6462e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	1.1631e+01	7.2373e+00	-7.6583e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	1.4109e+01	5.3387e+00	-4.9958e+00
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	1.9573e+01	-5.5096e+00	-4.5120e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.8405e+01	-7.5090e+00	-7.3218e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	1.4946e+01	-1.6588e+00	-8.4841e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	1.7393e+01	-1.3415e+00	-5.6744e+00
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	2.2123e+01	-1.0286e+01	-3.7305e-01
	839	0.0000e+00	0.0000e+00	0.0000e+00	2.1446e+01	-1.4722e+01	-2.5554e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.8322e+01	-1.0285e+01	-5.9550e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	2.0866e+01	-7.9451e+00	-3.7726e+00
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	2.1962e+01	-9.8734e+00	5.2227e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	2.0978e+01	-1.4961e+01	5.7617e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	2.1226e+01	-1.5929e+01	8.5391e-01
	831	0.0000e+00	0.0000e+00	0.0000e+00	2.2796e+01	-1.1235e+01	3.1495e-01
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	1.7719e+01	-2.3986e+00	8.0568e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	1.4090e+01	-2.5865e+00	1.2932e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	2.0932e+01	-1.2669e+01	1.0260e+01

	830	0.0000e+00	0.0000e+00	0.0000e+00	2.0661e+01	-7.5308e+00	5.3847e+00
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	1.9038e+01	2.8606e+00	1.2462e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	1.5644e+01	5.5706e+00	4.6075e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	1.9874e+01	6.1589e-01	6.3487e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	2.1554e+01	-1.4445e-01	2.9873e+00
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	1.6520e+01	6.1570e+00	-1.4276e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	1.3837e+01	8.8072e+00	1.2583e-02
	836	0.0000e+00	0.0000e+00	0.0000e+00	1.5213e+01	7.4562e+00	2.7455e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	1.8035e+01	4.6592e+00	1.3053e+00
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	1.6712e+01	5.3965e+00	-3.1207e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	1.4793e+01	6.6513e+00	-3.8424e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	1.3466e+01	8.7901e+00	-1.9059e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	1.6591e+01	6.1852e+00	-1.1841e+00
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	1.8846e+01	1.5469e+00	-3.1973e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	1.7335e+01	1.2880e+00	-5.2019e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	1.4704e+01	5.2000e+00	-4.7474e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	1.7455e+01	4.0353e+00	-2.7428e+00
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	2.1555e+01	-3.2961e+00	-1.7791e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	2.0265e+01	-4.8392e+00	-4.0465e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	1.7478e+01	-7.7456e-01	-5.0013e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	1.9792e+01	-4.1467e-01	-2.7339e+00
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	2.3376e+01	-6.7368e+00	5.9380e-01
	831	0.0000e+00	0.0000e+00	0.0000e+00	2.2151e+01	-9.0842e+00	-7.8500e-01
	832	0.0000e+00	0.0000e+00	0.0000e+00	2.0442e+01	-6.6092e+00	-2.7726e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	2.2318e+01	-4.9949e+00	-1.3938e+00
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	2.2947e+01	-6.5551e+00	2.7830e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	2.1199e+01	-8.3954e+00	3.5377e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	2.2184e+01	-9.5422e+00	1.4307e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	2.3477e+01	-7.1831e+00	6.7603e-01
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	1.9831e+01	-1.9644e+00	3.1538e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	1.6970e+01	-1.4769e+00	6.2715e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	2.1081e+01	-6.7380e+00	5.6543e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	2.1978e+01	-5.0204e+00	2.5367e+00
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	2.2030e+01	1.2994e+00	-1.8621e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	2.0166e+01	2.5492e+00	8.5325e-01
	829	0.0000e+00	0.0000e+00	0.0000e+00	2.3019e+01	-5.7895e-01	1.9779e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	2.4626e+01	-1.5706e+00	-7.3745e-01
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	1.9621e+01	4.8409e+00	-2.6193e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	1.7985e+01	5.5991e+00	-9.9165e-01
	828	0.0000e+00	0.0000e+00	0.0000e+00	1.9443e+01	4.1567e+00	-2.2534e-02
	820	0.0000e+00	0.0000e+00	0.0000e+00	2.1431e+01	2.9834e+00	-1.6502e+00
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	1.9331e+01	5.0997e+00	-2.2203e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	1.7975e+01	5.0794e+00	-2.3279e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	1.7545e+01	5.9920e+00	-1.9888e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	1.9546e+01	5.2958e+00	-1.8812e+00
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	2.0819e+01	2.3452e+00	-1.0276e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	1.9682e+01	1.6613e+00	-2.4477e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	1.7957e+01	4.2459e+00	-2.8127e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	1.9694e+01	4.2893e+00	-1.3926e+00
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	2.3038e+01	-1.8589e+00	4.1602e-01
	824	0.0000e+00	0.0000e+00	0.0000e+00	2.1983e+01	-2.8184e+00	-1.4219e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	1.9986e+01	1.4168e-01	-2.2380e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	2.1346e+01	8.0887e-01	-4.0009e-01
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	2.4697e+01	-5.4020e+00	1.4023e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	2.3494e+01	-6.0631e+00	2.0711e-01
	824	0.0000e+00	0.0000e+00	0.0000e+00	2.2389e+01	-4.2550e+00	-5.8531e-01
	816	0.0000e+00	0.0000e+00	0.0000e+00	2.3403e+01	-3.3367e+00	6.0990e-01
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	2.4539e+01	-6.1124e+00	1.2044e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	2.2968e+01	-5.9241e+00	1.6204e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	2.3736e+01	-6.5806e+00	1.4054e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	2.4605e+01	-5.9639e+00	9.8941e-01
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	2.2075e+01	-2.8083e+00	-3.0156e-01
	387	0.0000e+00	0.0000e+00	0.0000e+00	2.0182e+01	-1.7206e+00	1.9241e+00

	822	0.0000e+00	0.0000e+00	0.0000e+00	2.2816e+01	-4.9388e+00	2.5818e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	2.3909e+01	-5.1618e+00	3.5606e-01
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	2.1766e+01	8.6992e-01	-5.1973e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	2.2688e+01	1.0104e+00	-2.3417e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	2.5054e+01	-1.9485e+00	-1.5221e+00
	813	0.0000e+00	0.0000e+00	0.0000e+00	2.5131e+01	-3.4417e+00	-4.3777e+00
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	1.9397e+01	5.8845e+00	-4.1500e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	2.0036e+01	4.8720e+00	-2.3110e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	2.1565e+01	2.9412e+00	-2.8860e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	2.1559e+01	3.0745e+00	-4.7250e+00
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	1.9166e+01	6.7145e+00	-1.6194e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	1.9504e+01	5.3619e+00	-1.5212e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	1.9535e+01	5.5484e+00	-2.7644e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	1.9332e+01	6.6737e+00	-2.8626e+00
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	2.0474e+01	4.0064e+00	8.6079e-01
	817	0.0000e+00	0.0000e+00	0.0000e+00	2.0780e+01	2.7025e+00	-3.1285e-01
	818	0.0000e+00	0.0000e+00	0.0000e+00	1.9601e+01	4.7404e+00	-1.6332e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	1.9297e+01	6.0681e+00	-4.5956e-01
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	2.2511e+01	-7.5480e-01	2.5515e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	2.2845e+01	-1.5242e+00	8.4607e-01
	817	0.0000e+00	0.0000e+00	0.0000e+00	2.1262e+01	1.2790e+00	-1.1016e-01
	809	0.0000e+00	0.0000e+00	0.0000e+00	2.0671e+01	2.4155e+00	1.5953e+00
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	2.4388e+01	-5.6672e+00	2.6694e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	2.4536e+01	-5.2297e+00	1.2518e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	2.3518e+01	-3.1111e+00	1.2144e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	2.2561e+01	-2.5990e+00	2.6321e+00
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	2.4798e+01	-8.0570e+00	4.8860e-01
	814	0.0000e+00	0.0000e+00	0.0000e+00	2.4723e+01	-6.2403e+00	3.5020e-01
	815	0.0000e+00	0.0000e+00	0.0000e+00	2.5102e+01	-6.1882e+00	1.6125e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	2.4141e+01	-6.8875e+00	1.7509e+00
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	2.2464e+01	-5.0556e+00	-3.2824e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	2.2756e+01	-3.2062e+00	-1.3995e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	2.4664e+01	-5.7061e+00	5.2400e-01
	806	0.0000e+00	0.0000e+00	0.0000e+00	2.4334e+01	-7.6906e+00	-1.3589e+00
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	1.5750e+01	1.6395e+00	-9.2071e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	2.1479e+01	4.9715e-01	-5.5948e+00
	813	0.0000e+00	0.0000e+00	0.0000e+00	2.3843e+01	-4.0283e+00	-5.2884e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	2.0636e+01	-5.7814e+00	-8.9007e+00
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	1.4405e+01	9.3151e+00	-5.3159e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	1.8221e+01	6.5410e+00	-3.6357e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	1.9798e+01	3.3051e+00	-6.2099e+00
	804	0.0000e+00	0.0000e+00	0.0000e+00	1.6200e+01	5.6617e+00	-7.8901e+00
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	1.5117e+01	9.8169e+00	-6.5783e-01
	810	0.0000e+00	0.0000e+00	0.0000e+00	1.7855e+01	7.4853e+00	-9.4987e-01
	811	0.0000e+00	0.0000e+00	0.0000e+00	1.7939e+01	7.2124e+00	-3.7238e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	1.4446e+01	1.0410e+01	-3.4318e+00
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	1.6318e+01	6.2965e+00	2.5819e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	1.9188e+01	4.4740e+00	1.4699e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	1.8156e+01	6.7050e+00	-6.9715e-01
	802	0.0000e+00	0.0000e+00	0.0000e+00	1.5118e+01	9.2018e+00	4.1479e-01
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	1.7762e+01	2.1893e-01	4.5347e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	2.1168e+01	-6.7833e-01	3.0339e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	1.9690e+01	2.8929e+00	1.6836e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	1.6227e+01	4.6871e+00	3.1844e+00
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	1.9464e+01	-7.1984e+00	4.4409e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	2.3198e+01	-6.0888e+00	2.8031e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	2.1910e+01	-2.6892e+00	2.9397e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	1.7466e+01	-1.8517e+00	4.5774e+00
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	2.0753e+01	-1.3054e+01	8.0397e-01
	806	0.0000e+00	0.0000e+00	0.0000e+00	2.4314e+01	-9.0606e+00	-2.0511e-01
	807	0.0000e+00	0.0000e+00	0.0000e+00	2.4103e+01	-7.9103e+00	2.2723e+00
	799	0.0000e+00	0.0000e+00	0.0000e+00	1.8938e+01	-8.8549e+00	3.2814e+00
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	1.7999e+01	-1.0111e+01	-6.4706e+00



	365	0.0000e+00	0.0000e+00	0.0000e+00	2.3094e+01	-6.3957e+00	-4.6489e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	2.4559e+01	-9.2033e+00	-8.8267e-01
	798	0.0000e+00	0.0000e+00	0.0000e+00	2.0189e+01	-1.2995e+01	-2.7044e+00
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	7.5839e-01	8.9865e+00	-1.2973e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	1.2766e+01	1.8341e+00	-8.4510e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	1.6166e+01	-7.0693e+00	-9.8816e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	6.4349e+00	-1.1370e+01	-1.4404e+01
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	5.1591e+00	1.5263e+01	-3.2058e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	1.0675e+01	1.1335e+01	-4.1441e+00
	804	0.0000e+00	0.0000e+00	0.0000e+00	1.1500e+01	5.7739e+00	-9.4602e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	2.4510e+00	1.2442e+01	-8.5219e+00
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	7.0984e+00	1.4359e+01	1.0484e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	1.2209e+01	1.0858e+01	-5.1372e-02
	803	0.0000e+00	0.0000e+00	0.0000e+00	1.1821e+01	1.0989e+01	-3.4199e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	5.2800e+00	1.4202e+01	-2.3201e+00
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	7.4767e+00	1.0268e+01	3.6290e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	1.3510e+01	6.6176e+00	3.0381e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	1.2986e+01	9.8634e+00	5.8448e-01
	791	0.0000e+00	0.0000e+00	0.0000e+00	6.8140e+00	1.1104e+01	1.1754e+00
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	6.8456e+00	3.7560e+00	5.3917e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	1.4535e+01	-8.3206e-02	5.1071e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	1.4135e+01	5.1880e+00	3.2604e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	6.6751e+00	5.0296e+00	3.5449e+00
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	5.9508e+00	-4.9007e+00	5.8202e+00
	799	0.0000e+00	0.0000e+00	0.0000e+00	1.5869e+01	-8.2318e+00	5.3963e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	1.5459e+01	-1.9819e+00	4.6306e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	5.5102e+00	-3.7868e+00	5.0544e+00
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	7.3799e+00	-1.4718e+01	2.7098e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	1.7068e+01	-1.4969e+01	1.4657e+00
	799	0.0000e+00	0.0000e+00	0.0000e+00	1.7884e+01	-1.0558e+01	3.8096e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	4.0673e+00	-1.5481e+01	5.0537e+00
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	3.0622e+00	-1.6123e+01	-1.0039e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	1.7814e+01	-1.2971e+01	-8.0934e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	2.0290e+01	-1.6750e+01	-7.1619e-01
	783	0.0000e+00	0.0000e+00	0.0000e+00	4.4907e+00	-2.8302e+01	-2.6620e+00
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	-8.3139e+00	1.8348e+01	7.3666e-01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-9.7098e+00	1.4855e+01	-8.0438e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	-5.2534e-01	-1.2954e+01	-2.3796e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	-3.5120e+01	1.4949e+01	-1.5016e+01
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	-5.4334e+00	1.5776e+01	1.8437e-02
	793	0.0000e+00	0.0000e+00	0.0000e+00	6.8616e-01	1.6805e+01	-3.3151e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	-3.9823e+00	1.2990e+01	-6.0568e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	-7.4549e+00	1.9483e+01	-2.7232e+00
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	-5.3544e+00	8.7096e+00	6.1606e-01
	791	0.0000e+00	0.0000e+00	0.0000e+00	3.8737e+00	1.3959e+01	-4.8316e-01
	793	0.0000e+00	0.0000e+00	0.0000e+00	1.0655e+00	1.5140e+01	-1.7123e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	-4.7523e+00	2.2839e+01	-6.1313e-01
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	-7.6208e+00	-1.6376e+00	8.8141e-01
	789	0.0000e+00	0.0000e+00	0.0000e+00	4.3904e+00	8.9472e+00	8.6051e-01
	791	0.0000e+00	0.0000e+00	0.0000e+00	1.5320e+00	1.2201e+01	8.9912e-02
	792	0.0000e+00	0.0000e+00	0.0000e+00	-4.8043e+00	2.4322e+01	1.1081e-01
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.2336e+01	-1.5348e+01	5.1502e-01
	787	0.0000e+00	0.0000e+00	0.0000e+00	3.3094e+00	1.3438e+00	1.3769e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-1.1730e-01	6.4274e+00	1.0223e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	-7.1797e+00	2.3826e+01	1.6038e-01
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-2.0214e+01	-3.3137e+01	-9.8458e-01
	785	0.0000e+00	0.0000e+00	0.0000e+00	1.2512e+00	-9.0203e+00	7.5947e-01
	787	0.0000e+00	0.0000e+00	0.0000e+00	-3.3825e+00	-2.0172e+00	1.0694e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.2080e+01	2.1481e+01	-6.7469e-01
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-3.2152e+01	-5.6528e+01	-4.4918e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	-6.1790e-02	-2.1827e+01	-2.3313e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	-7.6371e+00	-1.3500e+01	-6.2041e-01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-2.0241e+01	1.7791e+01	-2.7809e+00

1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-5.5501e+01	-9.1948e+01	-1.4493e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	1.9591e+01	-2.4126e+01	-1.7180e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	-8.6505e+00	-3.3252e+01	-9.0594e+00
	784	0.0000e+00	0.0000e+00	0.0000e+00	-3.2653e+01	1.8385e+01	-6.3720e+00
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	1.4637e+01	1.0966e+02	7.8111e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	5.4097e+01	8.6300e+01	-1.0538e+01
	22	0.0000e+00	0.0000e+00	0.0000e+00	2.6099e+01	2.0570e+02	3.1103e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	8.9674e+00	9.1561e+01	4.9452e+01
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	2.9100e+01	7.0065e+01	-2.0878e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	3.4607e+01	6.8632e+01	2.2211e-01
	782	0.0000e+00	0.0000e+00	0.0000e+00	4.2485e+01	9.0243e+01	-8.4583e-02
	772	0.0000e+00	0.0000e+00	0.0000e+00	2.5461e+01	8.9478e+01	-2.3945e+00
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	2.4025e+01	5.2859e+01	-3.6061e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	2.5959e+01	5.3204e+01	6.1838e-01
	781	0.0000e+00	0.0000e+00	0.0000e+00	3.0793e+01	6.5465e+01	2.5400e-01
	771	0.0000e+00	0.0000e+00	0.0000e+00	2.6943e+01	6.6604e+01	-3.9705e+00
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	1.7963e+01	3.9438e+01	-3.6743e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	1.8535e+01	3.9757e+01	5.4817e-01
	780	0.0000e+00	0.0000e+00	0.0000e+00	2.2902e+01	4.9962e+01	4.4059e-01
	770	0.0000e+00	0.0000e+00	0.0000e+00	2.1343e+01	5.0515e+01	-3.7819e+00
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	1.1868e+01	2.6713e+01	-3.8649e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	1.1637e+01	2.7189e+01	2.7553e-01
	779	0.0000e+00	0.0000e+00	0.0000e+00	1.5768e+01	3.6789e+01	4.1528e-01
	769	0.0000e+00	0.0000e+00	0.0000e+00	1.5335e+01	3.6960e+01	-3.7251e+00
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	5.5736e+00	1.3646e+01	-4.4809e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	4.3503e+00	1.4533e+01	-4.2753e-02
	778	0.0000e+00	0.0000e+00	0.0000e+00	8.8669e+00	2.4312e+01	3.7178e-01
	768	0.0000e+00	0.0000e+00	0.0000e+00	9.2005e+00	2.4295e+01	-4.0664e+00
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	-1.4601e+00	-1.4377e+00	-5.8448e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	-4.6534e+00	3.9819e-01	-4.5748e-01
	777	0.0000e+00	0.0000e+00	0.0000e+00	1.1814e+00	1.1615e+01	4.2062e-01
	767	0.0000e+00	0.0000e+00	0.0000e+00	2.5902e+00	1.1536e+01	-4.9667e+00
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	-9.1304e+00	-2.2665e+01	-8.3011e+00
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.8043e+01	-1.8964e+01	-1.1858e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	-8.9557e+00	-2.7012e+00	5.8550e-01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-5.1617e+00	-2.8619e+00	-6.5298e+00
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	-9.3736e+00	-6.2057e+01	-1.1040e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-4.3952e+01	-5.8245e+01	-3.0778e+00
	775	0.0000e+00	0.0000e+00	0.0000e+00	-2.4954e+01	-2.1092e+01	4.8279e-01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-1.3762e+01	-2.5042e+01	-7.4790e+00
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	6.8699e+01	-4.0764e+01	1.0311e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	-7.5701e+01	-3.2845e+02	7.4049e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-7.6060e+01	-2.4795e+01	-1.7508e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	1.5732e+01	-1.1288e+02	1.1555e+01
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	1.5782e+01	7.0729e+01	6.3371e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	2.1533e+01	9.4041e+01	1.1676e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	1.5665e+01	7.8750e+01	3.0533e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	3.1446e+01	6.0953e+01	2.5194e+01
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	1.7500e+01	6.6959e+01	-2.6973e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	2.5343e+01	7.1122e+01	-5.9128e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	1.8443e+01	8.3613e+01	2.1704e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	1.8500e+01	7.0155e+01	5.3858e+00
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	1.9122e+01	5.3044e+01	-7.0436e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	2.2083e+01	5.4135e+01	-6.5317e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	2.2893e+01	6.4307e+01	-5.1682e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.9251e+01	6.2426e+01	-5.6801e+00
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	1.7026e+01	3.9506e+01	-8.4232e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	1.7382e+01	4.0204e+01	-6.3499e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	1.9939e+01	4.9498e+01	-6.1170e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.8273e+01	4.9688e+01	-8.1903e+00
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	1.3901e+01	2.6358e+01	-8.9413e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	1.2314e+01	2.7318e+01	-6.5132e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	1.5243e+01	3.6253e+01	-6.2455e+00

	759	0.0000e+00	0.0000e+00	0.0000e+00	1.5428e+01	3.6629e+01	-8.6736e+00
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	1.1116e+01	1.2868e+01	-9.4236e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	7.3129e+00	1.4454e+01	-7.2435e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	1.0228e+01	2.3376e+01	-6.6001e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	1.2201e+01	2.3559e+01	-8.7803e+00
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	1.0082e+01	-1.9270e+00	-9.7523e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	2.9582e+00	2.9123e-01	-8.6466e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	5.3043e+00	9.7601e+00	-7.6455e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	9.7644e+00	9.7960e+00	-8.7511e+00
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	1.4132e+01	-1.8428e+01	-7.6545e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	1.2005e+00	-1.8069e+01	-9.8859e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	1.0762e+00	-6.6101e+00	-9.8141e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	1.0162e+01	-6.4074e+00	-7.5827e+00
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	1.7413e+01	-2.8866e+01	9.0346e+00
	764	0.0000e+00	0.0000e+00	0.0000e+00	2.0101e+01	-4.7948e+01	-1.4537e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	-1.0165e+00	-3.2528e+01	-1.3360e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.9286e+01	-2.5655e+01	-2.8714e+00
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	1.8071e+01	-1.2535e+01	3.2049e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-4.9581e+00	-1.7248e+01	4.6138e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	1.5322e+01	-7.4484e+01	2.4124e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	2.3644e+01	-3.1207e+01	1.0035e+01
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	2.3664e+01	5.3446e+01	2.6670e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	2.3101e+01	6.6671e+01	9.1982e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	2.0888e+01	5.3866e+01	1.9068e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	3.7860e+01	4.5574e+01	1.2537e+01
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	2.0304e+01	5.7751e+01	-4.6281e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	2.1148e+01	6.2513e+01	-3.0392e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	2.1833e+01	6.7624e+01	4.1050e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	2.2535e+01	5.6812e+01	2.5162e+00
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	1.9080e+01	5.0241e+01	-9.2837e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.9796e+01	5.2264e+01	-8.8257e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.9217e+01	6.0902e+01	-5.5339e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	2.0499e+01	5.5748e+01	-5.9919e+00
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	1.8121e+01	3.9030e+01	-1.0984e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.7381e+01	3.9840e+01	-1.0262e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.8057e+01	4.8779e+01	-9.2286e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	1.8770e+01	4.7336e+01	-9.9507e+00
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	1.7045e+01	2.6608e+01	-1.1234e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	1.4801e+01	2.7056e+01	-1.0526e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.5799e+01	3.5981e+01	-1.0300e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	1.7346e+01	3.5937e+01	-1.1008e+01
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	1.6543e+01	1.3806e+01	-1.0549e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	1.2875e+01	1.3844e+01	-1.0420e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	1.3385e+01	2.2964e+01	-1.0593e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	1.6270e+01	2.3379e+01	-1.0722e+01
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	1.7260e+01	1.1926e+00	-8.2938e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	1.2705e+01	-4.7323e-01	-9.4103e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	1.1648e+01	9.3937e+00	-1.0566e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	1.6269e+01	1.0248e+01	-9.4499e+00
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	1.8969e+01	-9.2496e+00	-2.1784e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.5411e+01	-1.6353e+01	-4.7804e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	1.1568e+01	-5.1323e+00	-9.0763e+00
	746	0.0000e+00	0.0000e+00	0.0000e+00	1.8037e+01	-2.8708e+00	-6.4743e+00
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	1.8773e+01	-1.2431e+01	8.6901e+00
	754	0.0000e+00	0.0000e+00	0.0000e+00	1.7482e+01	-2.5735e+01	7.7548e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.4448e+01	-1.8589e+01	-1.1776e+00
	745	0.0000e+00	0.0000e+00	0.0000e+00	2.0091e+01	-1.2421e+01	-2.4229e-01
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	1.3480e+01	-2.5597e+00	1.6582e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	5.5916e+00	-6.6219e+00	2.4830e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	1.6984e+01	-2.2556e+01	1.7564e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	1.7220e+01	-1.0778e+01	9.3165e+00
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	2.9017e+01	4.4030e+01	-3.4555e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	2.7895e+01	5.2477e+01	2.5682e+00

	753	0.0000e+00	0.0000e+00	0.0000e+00	2.7909e+01	4.0980e+01	8.9007e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	4.0057e+01	3.5622e+01	2.8770e+00
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	2.4562e+01	5.0809e+01	-8.4274e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	2.3257e+01	5.4813e+01	-4.9168e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	2.6516e+01	5.4687e+01	-1.1909e-01
	742	0.0000e+00	0.0000e+00	0.0000e+00	2.7745e+01	4.8231e+01	-3.6297e+00
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	2.2096e+01	4.7167e+01	-1.1533e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	2.0900e+01	4.9102e+01	-1.0133e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	2.1499e+01	5.4484e+01	-7.4077e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	2.4067e+01	5.0478e+01	-8.8077e+00
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	2.1010e+01	3.8529e+01	-1.2464e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	1.9245e+01	3.9015e+01	-1.2005e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	1.9422e+01	4.6748e+01	-1.1051e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	2.1675e+01	4.5153e+01	-1.1509e+01
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	2.0623e+01	2.7554e+01	-1.1941e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	1.8118e+01	2.7192e+01	-1.2044e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	1.8006e+01	3.5734e+01	-1.2182e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	2.0546e+01	3.5671e+01	-1.2079e+01
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	2.0799e+01	1.6067e+01	-1.0232e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	1.7766e+01	1.4744e+01	-1.0896e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	1.7096e+01	2.3543e+01	-1.1871e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	2.0250e+01	2.4345e+01	-1.1207e+01
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	2.1328e+01	5.5702e+00	-7.0371e+00
	746	0.0000e+00	0.0000e+00	0.0000e+00	1.8375e+01	2.5048e+00	-8.1708e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	1.6915e+01	1.1127e+01	-1.0328e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	2.0708e+01	1.2764e+01	-9.1942e+00
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	2.1355e+01	-1.9366e+00	-1.9421e+00
	745	0.0000e+00	0.0000e+00	0.0000e+00	1.9083e+01	-7.3244e+00	-2.6839e+00
	746	0.0000e+00	0.0000e+00	0.0000e+00	1.7607e+01	-4.7506e-01	-6.5885e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	2.1470e+01	2.6493e+00	-5.8468e+00
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	1.9245e+01	-3.9497e+00	4.0651e+00
	744	0.0000e+00	0.0000e+00	0.0000e+00	1.7163e+01	-9.6828e+00	5.7059e+00
	745	0.0000e+00	0.0000e+00	0.0000e+00	1.8348e+01	-8.5639e+00	6.8491e-01
	735	0.0000e+00	0.0000e+00	0.0000e+00	2.1071e+01	-3.3513e+00	-9.5592e-01
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	1.4313e+01	7.1077e-01	7.5119e+00
	643	0.0000e+00	0.0000e+00	0.0000e+00	9.9198e+00	-7.3954e-02	1.2893e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	1.6570e+01	-8.2047e+00	9.9616e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	1.7536e+01	-2.5995e+00	4.5807e+00
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	3.2355e+01	3.8392e+01	-9.4000e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	3.1748e+01	4.3423e+01	-4.1641e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	3.4742e+01	3.2410e+01	2.9455e-01
	733	0.0000e+00	0.0000e+00	0.0000e+00	3.8968e+01	2.7721e+01	-4.9413e+00
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	2.8099e+01	4.6820e+01	-1.2735e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	2.6707e+01	4.9315e+01	-8.8649e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	3.0205e+01	4.6658e+01	-5.9906e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	3.1701e+01	4.2886e+01	-9.8605e+00
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	2.5533e+01	4.5584e+01	-1.3883e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	2.3764e+01	4.6573e+01	-1.2068e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	2.5133e+01	4.9640e+01	-1.0625e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	2.7494e+01	4.7483e+01	-1.2440e+01
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	2.4371e+01	3.8825e+01	-1.3560e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	2.2213e+01	3.8639e+01	-1.3046e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	2.2487e+01	4.4947e+01	-1.2825e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	2.5041e+01	4.4281e+01	-1.3340e+01
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	2.4081e+01	2.9188e+01	-1.2148e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	2.1584e+01	2.8157e+01	-1.2429e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	2.1197e+01	3.5911e+01	-1.3110e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	2.3951e+01	3.6364e+01	-1.2829e+01
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	2.4241e+01	1.8817e+01	-9.8839e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	2.1593e+01	1.6990e+01	-1.0595e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	2.0783e+01	2.5012e+01	-1.1998e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	2.3747e+01	2.6245e+01	-1.1287e+01
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	2.4340e+01	9.4917e+00	-6.8624e+00

	736	0.0000e+00	0.0000e+00	0.0000e+00	2.1802e+01	6.7766e+00	-7.5298e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	2.0930e+01	1.3998e+01	-9.6535e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	2.3987e+01	1.5913e+01	-8.9862e+00
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	2.3598e+01	2.9332e+00	-3.3215e+00
	735	0.0000e+00	0.0000e+00	0.0000e+00	2.1237e+01	-3.9609e-01	-3.1324e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	2.1172e+01	4.5323e+00	-5.8858e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	2.4010e+01	7.2055e+00	-6.0749e+00
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	2.1174e+01	5.4561e-01	-4.5018e-02
	734	0.0000e+00	0.0000e+00	0.0000e+00	1.8634e+01	-2.1826e+00	1.9141e+00
	735	0.0000e+00	0.0000e+00	0.0000e+00	2.0551e+01	-1.2985e+00	-8.2192e-01
	725	0.0000e+00	0.0000e+00	0.0000e+00	2.2852e+01	1.9378e+00	-2.7810e+00
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	1.7087e+01	2.4576e+00	1.7296e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	1.3639e+01	1.9775e+00	5.5038e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	1.7893e+01	-1.4644e+00	4.0610e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	1.9758e+01	1.2008e+00	2.8687e-01
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	3.3206e+01	3.5269e+01	-1.4333e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	3.3665e+01	3.7121e+01	-9.9722e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	4.0960e+01	2.5614e+01	-6.9296e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	3.3913e+01	2.0834e+01	-1.1290e+01
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	2.9720e+01	4.5289e+01	-1.6620e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	2.9325e+01	4.6408e+01	-1.3079e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	3.2050e+01	4.1706e+01	-1.1761e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	3.3492e+01	3.9952e+01	-1.5302e+01
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	2.7800e+01	4.5773e+01	-1.5916e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	2.6518e+01	4.5634e+01	-1.4255e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	2.8062e+01	4.7069e+01	-1.4131e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	2.9303e+01	4.6660e+01	-1.5792e+01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	2.6907e+01	4.0211e+01	-1.4400e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	2.5152e+01	3.9279e+01	-1.3959e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	2.5486e+01	4.4417e+01	-1.4627e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	2.7382e+01	4.4942e+01	-1.5068e+01
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	2.6692e+01	3.1438e+01	-1.2244e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	2.4690e+01	2.9926e+01	-1.2549e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	2.4333e+01	3.6902e+01	-1.3781e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	2.6490e+01	3.8077e+01	-1.3476e+01
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	2.6794e+01	2.1621e+01	-9.7176e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	2.4693e+01	1.9746e+01	-1.0343e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	2.4044e+01	2.7094e+01	-1.1953e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	2.6295e+01	2.8728e+01	-1.1328e+01
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	2.6759e+01	1.2536e+01	-7.1332e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	2.4616e+01	1.0556e+01	-7.5875e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	2.4167e+01	1.7016e+01	-9.3763e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	2.6374e+01	1.8936e+01	-8.9221e+00
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	2.5946e+01	5.8070e+00	-4.9187e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	2.3706e+01	4.0817e+00	-4.5586e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	2.4107e+01	8.4420e+00	-6.2639e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	2.6205e+01	1.0434e+01	-6.6239e+00
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	2.3729e+01	2.7428e+00	-3.4654e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	2.1291e+01	1.6471e+00	-1.7346e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	2.3078e+01	3.0311e+00	-3.0424e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	2.5118e+01	4.7862e+00	-4.7732e+00
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	2.0107e+01	3.5649e+00	-2.8039e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	1.7419e+01	3.2269e+00	2.1184e-01
	724	0.0000e+00	0.0000e+00	0.0000e+00	2.0459e+01	1.8350e+00	-4.7407e-01
	714	0.0000e+00	0.0000e+00	0.0000e+00	2.2600e+01	2.9923e+00	-3.4898e+00
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	3.0754e+01	3.4480e+01	-1.7787e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	3.2746e+01	3.2646e+01	-1.4355e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	4.6114e+01	1.9990e+01	-1.2893e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	2.3685e+01	1.4969e+01	-1.6326e+01
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	2.8423e+01	4.5744e+01	-1.9360e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	2.9859e+01	4.5762e+01	-1.6606e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	3.1188e+01	3.8998e+01	-1.6667e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	3.2145e+01	3.9149e+01	-1.9420e+01

1884	710	0.0000e+00	0.0000e+00	0.0000e+00	2.7680e+01	4.7415e+01	-1.7140e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	2.7818e+01	4.6318e+01	-1.6093e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	2.9103e+01	4.6567e+01	-1.7085e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	2.8317e+01	4.7633e+01	-1.8132e+01
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	2.7357e+01	4.2515e+01	-1.4841e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	2.6948e+01	4.0961e+01	-1.4699e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	2.7117e+01	4.5302e+01	-1.6110e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	2.7449e+01	4.6824e+01	-1.6252e+01
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	2.7325e+01	3.4199e+01	-1.2230e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	2.6688e+01	3.2285e+01	-1.2608e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	2.6327e+01	3.8760e+01	-1.4309e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	2.6992e+01	4.0553e+01	-1.3930e+01
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	2.7470e+01	2.4461e+01	-9.5374e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	2.6733e+01	2.2521e+01	-1.0164e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	2.6167e+01	2.9582e+01	-1.1964e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	2.6886e+01	3.1566e+01	-1.1337e+01
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	2.7610e+01	1.4871e+01	-7.2430e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	2.6711e+01	1.3413e+01	-7.8016e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	2.6346e+01	1.9785e+01	-9.3555e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	2.6951e+01	2.1715e+01	-8.7968e+00
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	2.7255e+01	7.0769e+00	-6.0261e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	2.6057e+01	6.5645e+00	-5.9980e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	2.6400e+01	1.1096e+01	-6.8992e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	2.6964e+01	1.2548e+01	-6.9273e+00
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	2.5589e+01	3.0397e+00	-6.2188e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	2.4131e+01	3.2982e+00	-4.9437e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	2.5608e+01	5.1810e+00	-5.0863e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	2.6451e+01	5.7503e+00	-6.3614e+00
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	2.2044e+01	4.0430e+00	-6.9832e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	2.0819e+01	3.9519e+00	-4.2053e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	2.3272e+01	3.2450e+00	-4.1781e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	2.4688e+01	3.0946e+00	-6.9560e+00
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	2.3866e+01	3.6648e+01	-1.9387e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	2.7849e+01	2.9963e+01	-1.6884e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	4.9325e+01	1.5890e+01	-1.7787e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	6.9822e+00	1.1173e+01	-2.0290e+01
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	2.3060e+01	4.7692e+01	-2.0257e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	2.7180e+01	4.6998e+01	-1.8794e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	2.6589e+01	3.8292e+01	-2.0181e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	2.6334e+01	4.0621e+01	-2.1643e+01
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	2.3822e+01	4.9832e+01	-1.7164e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	2.6475e+01	4.8186e+01	-1.7083e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	2.7175e+01	4.7690e+01	-1.8819e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	2.3271e+01	4.9828e+01	-1.8900e+01
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	2.4179e+01	4.5182e+01	-1.4784e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	2.6376e+01	4.3335e+01	-1.5084e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	2.6167e+01	4.7222e+01	-1.6898e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	2.3838e+01	4.9329e+01	-1.6598e+01
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	2.4335e+01	3.7159e+01	-1.2113e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	2.6364e+01	3.5004e+01	-1.2588e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	2.5890e+01	4.1236e+01	-1.4616e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	2.3936e+01	4.3502e+01	-1.4140e+01
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	2.4468e+01	2.7322e+01	-9.2799e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	2.6481e+01	2.5231e+01	-9.9210e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	2.5856e+01	3.2363e+01	-1.2010e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	2.3917e+01	3.4827e+01	-1.1369e+01
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	2.4763e+01	1.6778e+01	-6.9046e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	2.6723e+01	1.5494e+01	-7.6946e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	2.6130e+01	2.2361e+01	-9.3625e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	2.3906e+01	2.4713e+01	-8.5725e+00
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	2.5182e+01	6.8340e+00	-6.1107e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	2.6787e+01	7.4028e+00	-6.8089e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	2.6621e+01	1.2708e+01	-7.2917e+00

	696	0.0000e+00	0.0000e+00	0.0000e+00	2.4067e+01	1.4329e+01	-6.5935e+00
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	2.4764e+01	5.4186e-01	-7.9617e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	2.5775e+01	2.9850e+00	-7.6482e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	2.6701e+01	5.3429e+00	-6.5484e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	2.4414e+01	5.3885e+00	-6.8619e+00
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	2.1016e+01	2.7469e+00	-1.1418e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	2.2940e+01	3.8799e+00	-8.6212e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	2.5010e+01	2.6806e+00	-7.3410e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	2.4077e+01	1.0228e+00	-1.0138e+01
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	1.0929e+01	4.3475e+01	-1.8910e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	1.7484e+01	2.9988e+01	-1.7028e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	4.8513e+01	1.4812e+01	-2.2068e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	-1.6648e+01	1.2311e+01	-2.3949e+01
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	1.2165e+01	4.9950e+01	-1.8466e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	2.0056e+01	4.9568e+01	-1.9127e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	1.7125e+01	3.9727e+01	-2.1702e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	1.3882e+01	4.4959e+01	-2.1041e+01
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	1.4242e+01	5.2142e+01	-1.5878e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	2.1216e+01	5.0420e+01	-1.6864e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	2.0977e+01	4.9794e+01	-1.8795e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	1.2671e+01	5.2281e+01	-1.7809e+01
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	1.5310e+01	4.8367e+01	-1.4151e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	2.1823e+01	4.5798e+01	-1.4858e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	2.1330e+01	4.9475e+01	-1.6757e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	1.4506e+01	5.1044e+01	-1.6049e+01
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	1.5820e+01	4.1473e+01	-1.1803e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	2.1867e+01	3.7822e+01	-1.2290e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	2.1618e+01	4.3918e+01	-1.4555e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	1.5175e+01	4.5204e+01	-1.4068e+01
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	1.5865e+01	3.2381e+01	-9.0053e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	2.1793e+01	2.7955e+01	-9.3868e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	2.1648e+01	3.5414e+01	-1.1887e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	1.5311e+01	3.6437e+01	-1.1505e+01
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	1.5661e+01	2.1752e+01	-6.3190e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	2.1984e+01	1.7179e+01	-6.7728e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	2.1809e+01	2.5206e+01	-9.0614e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.5003e+01	2.5622e+01	-8.6076e+00
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	1.5808e+01	1.0180e+01	-4.8634e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	2.2798e+01	6.7971e+00	-5.7177e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	2.2548e+01	1.4163e+01	-6.8680e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.4490e+01	1.3288e+01	-6.0137e+00
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	1.7900e+01	-6.7193e-01	-7.2192e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	2.3048e+01	-1.2736e-01	-8.4560e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	2.4322e+01	3.8299e+00	-6.4302e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	1.4357e+01	-4.1753e-02	-5.1934e+00
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	1.3202e+01	1.0381e+00	-1.6280e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	2.2050e+01	1.6476e+00	-1.3296e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	2.4352e+01	-1.2410e+00	-8.9709e+00
	675	0.0000e+00	0.0000e+00	0.0000e+00	1.6375e+01	-1.0061e+01	-1.1955e+01
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	-7.6855e+00	5.9399e+01	-1.5246e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-1.0610e-01	3.6238e+01	-1.3464e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	3.7325e+01	2.0397e+01	-2.7719e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-4.1847e+01	2.8312e+01	-2.9501e+01
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	-7.5043e+00	5.8880e+01	-1.5216e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	5.4935e+00	5.1215e+01	-1.6508e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	4.0010e+00	4.4067e+01	-1.8791e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	-8.3835e+00	4.1378e+01	-1.7498e+01
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	-5.7264e+00	5.2503e+01	-1.4311e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	8.9149e+00	5.1728e+01	-1.5852e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	7.9348e+00	5.1682e+01	-1.6553e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-7.5727e+00	5.2437e+01	-1.5013e+01
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	-3.3531e+00	4.1825e+01	-1.3369e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	1.0968e+01	4.8033e+01	-1.5518e+01

	687	0.0000e+00	0.0000e+00	0.0000e+00	8.3420e+00	5.0660e+01	-1.6412e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-4.6691e+00	5.8817e+01	-1.4264e+01
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	-1.5460e+00	2.8807e+01	-1.2108e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	1.2270e+01	4.1034e+01	-1.4375e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	8.3740e+00	4.5458e+01	-1.5675e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.8105e+00	6.0518e+01	-1.3407e+01
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.1345e+00	1.4018e+01	-1.0642e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.2817e+01	3.1551e+01	-1.2615e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	7.9656e+00	3.7414e+01	-1.4180e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	9.7593e-02	5.8358e+01	-1.2208e+01
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	-2.7220e+00	-2.4891e+00	-9.2997e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.2683e+01	2.0117e+01	-1.0727e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	6.9996e+00	2.7253e+01	-1.2279e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	3.4219e-01	5.3242e+01	-1.0851e+01
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	-6.7951e+00	-2.1070e+01	-8.5794e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	1.2542e+01	7.1644e+00	-9.5514e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	5.5386e+00	1.5319e+01	-1.0669e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.5754e+00	4.5991e+01	-9.6974e+00
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	-1.3726e+01	-4.2825e+01	-9.4826e+00
	675	0.0000e+00	0.0000e+00	0.0000e+00	1.5314e+01	-5.6492e+00	-1.1115e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	4.5921e+00	1.3044e+00	-1.0753e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-6.0002e+00	3.7689e+01	-9.1201e+00
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.7654e+01	-7.1855e+01	-1.8032e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	2.7810e+01	-3.2044e+00	-2.5618e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	9.3658e+00	-1.5794e+01	-1.6205e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-1.3129e+01	3.2338e+01	-8.6195e+00
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	-1.9191e+00	1.2016e+02	9.9600e+00
	674	0.0000e+00	0.0000e+00	0.0000e+00	7.9284e+01	1.9382e+01	-2.9310e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	5.4871e+01	3.2158e+02	6.3620e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-5.6767e+01	3.6631e+01	1.0289e+02
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	2.5376e+01	3.0455e+01	-1.0370e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	3.9323e+01	2.9030e+01	-4.3474e+00
	674	0.0000e+00	0.0000e+00	0.0000e+00	5.2023e+01	5.9058e+01	-7.7047e+00
	664	0.0000e+00	0.0000e+00	0.0000e+00	2.4831e+01	6.4287e+01	-1.3727e+01
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	1.9346e+01	1.5029e+01	-8.3312e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	2.4548e+01	1.4380e+01	-2.6573e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	3.3354e+01	2.5202e+01	-5.2160e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	2.1991e+01	2.9624e+01	-1.0890e+01
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	1.3450e+01	7.5295e+00	-6.7580e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	1.5701e+01	7.4190e+00	-2.4583e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	2.1353e+01	1.2897e+01	-3.5350e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	1.6477e+01	1.4921e+01	-7.8348e+00
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	8.3972e+00	2.4400e+00	-6.2604e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	9.2177e+00	2.7243e+00	-2.7009e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	1.3505e+01	6.6351e+00	-2.9456e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	1.1294e+01	7.4045e+00	-6.5052e+00
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	3.4065e+00	-3.0373e+00	-6.7279e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	2.9053e+00	-2.2530e+00	-3.0710e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	7.2401e+00	2.0818e+00	-2.7627e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	6.4524e+00	2.2551e+00	-6.4196e+00
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	-2.5807e+00	-1.1780e+01	-8.3411e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	-5.4493e+00	-9.9928e+00	-3.5849e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	4.8641e-01	-3.1580e+00	-2.6037e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	1.0831e+00	-3.3156e+00	-7.3598e+00
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	-1.0214e+01	-2.8913e+01	-1.1620e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.9387e+01	-2.5154e+01	-4.5125e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	-9.2745e+00	-1.1498e+01	-2.3331e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	-5.9816e+00	-1.2058e+01	-9.4407e+00
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	-2.0956e+01	-6.9082e+01	-1.5116e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-4.1462e+01	-6.4736e+01	-5.0550e+00
	667	0.0000e+00	0.0000e+00	0.0000e+00	-2.6884e+01	-2.8478e+01	-2.6211e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	-1.5227e+01	-2.8955e+01	-1.2682e+01
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	7.6549e+01	-5.6534e+01	1.0083e+02



	20	0.0000e+00	0.0000e+00	0.0000e+00	-9.0640e+01	-3.5485e+02	7.2095e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-7.4173e+01	-1.3759e+01	-2.0079e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	2.0768e+00	-1.2940e+02	8.6606e+00
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	-1.2810e+01	3.5900e+01	8.4529e+00
	664	0.0000e+00	0.0000e+00	0.0000e+00	-2.4977e+00	8.4229e+01	2.1295e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	9.8255e+00	1.3913e+01	4.5008e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	7.8722e-01	1.5248e+01	3.2165e+01
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	-2.8537e+00	3.3460e+01	-3.4103e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	1.4368e+01	3.7415e+01	-1.5036e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-8.1679e+00	5.1506e+01	-4.1742e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	-3.7832e+00	3.3934e+01	7.4519e+00
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	7.0969e+00	1.8275e+01	-7.9766e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	1.4154e+01	1.8108e+01	-1.0645e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	1.2854e+01	2.6073e+01	-1.1077e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	3.0109e+00	2.6763e+01	-8.4086e+00
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	8.7495e+00	8.9375e+00	-8.7469e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	1.1317e+01	8.9373e+00	-8.3817e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	1.3134e+01	1.3592e+01	-9.3743e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	7.6697e+00	1.5559e+01	-9.7395e+00
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	8.1970e+00	2.4630e+00	-8.9513e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	7.9023e+00	3.1824e+00	-7.7978e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	1.0305e+01	6.6044e+00	-8.0213e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	8.1226e+00	7.7667e+00	-9.1748e+00
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	7.4249e+00	-4.1171e+00	-9.7722e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	4.3523e+00	-2.3808e+00	-8.5684e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	6.8795e+00	1.3303e+00	-7.8227e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	7.3273e+00	1.5887e+00	-9.0264e+00
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	7.8078e+00	-1.3364e+01	-1.1200e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	9.0920e-01	-1.0506e+01	-1.0622e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	3.2136e+00	-4.9764e+00	-8.9500e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	6.6700e+00	-5.4313e+00	-9.5279e+00
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	1.2561e+01	-2.7453e+01	-1.1192e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-4.3614e-01	-2.5134e+01	-1.3398e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-4.2451e-01	-1.5641e+01	-1.1852e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	8.0965e+00	-1.6386e+01	-9.6456e+00
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	1.9610e+01	-3.9715e+01	3.0430e+00
	656	0.0000e+00	0.0000e+00	0.0000e+00	1.9719e+01	-5.4403e+01	-8.6358e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	-2.4182e+00	-3.8183e+01	-1.7835e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.8176e+01	-3.4640e+01	-6.1563e+00
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	1.8094e+01	-2.5892e+01	3.1611e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	5.0218e-01	-2.7817e+01	4.3467e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	1.1591e+01	-9.5168e+01	1.6948e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	3.0935e+01	-4.4537e+01	5.0925e+00
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	1.3642e+00	1.6022e+01	9.3895e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	-2.5102e+00	2.7505e+01	1.7410e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	8.8212e+00	9.9595e+00	2.4801e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	6.2201e+00	6.7925e+00	1.6781e+01
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	-6.8288e-01	2.1565e+01	4.7768e-02
	652	0.0000e+00	0.0000e+00	0.0000e+00	1.6610e+00	2.7042e+01	-1.6703e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	-2.4741e+00	3.1494e+01	7.4759e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.5505e-02	1.8845e+01	9.1940e+00
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	3.1432e+00	1.6180e+01	-5.4088e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	6.2136e+00	1.7742e+01	-8.8039e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	9.8892e-01	2.4925e+01	-5.0032e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	1.5154e+00	1.8955e+01	-1.6081e+00
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	6.8600e+00	9.0402e+00	-7.4802e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	7.8283e+00	9.6187e+00	-9.4930e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	5.8549e+00	1.4448e+01	-8.7000e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	4.7707e+00	1.3455e+01	-6.6872e+00
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	9.4565e+00	2.5461e+00	-8.1847e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	8.2731e+00	3.2295e+00	-9.4569e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	7.6695e+00	6.9448e+00	-9.2072e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	7.4923e+00	7.1333e+00	-7.9350e+00

1947	637	0.0000e+00	0.0000e+00	0.0000e+00	1.2014e+01	-4.1959e+00	-8.4718e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	8.8143e+00	-3.2865e+00	-9.8893e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	8.1631e+00	7.1348e-01	-9.4915e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	9.8042e+00	8.3461e-01	-8.0740e+00
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	1.5531e+01	-1.2150e+01	-7.8178e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	1.0853e+01	-1.2122e+01	-1.0287e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	8.7004e+00	-6.3988e+00	-1.0272e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	1.2701e+01	-6.3999e+00	-7.8029e+00
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	2.0258e+01	-2.0447e+01	-3.4252e+00
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.6293e+01	-2.5281e+01	-7.7106e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	1.0545e+01	-1.6376e+01	-1.0577e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	1.7357e+01	-1.5529e+01	-6.2918e+00
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	2.3954e+01	-2.3745e+01	7.5041e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	2.1636e+01	-3.6551e+01	4.0807e+00
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.5624e+01	-2.8875e+01	-4.7363e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	2.3056e+01	-2.4207e+01	-1.3129e+00
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	2.0095e+01	-1.3717e+01	1.7113e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	1.1486e+01	-1.8668e+01	2.3820e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	2.1375e+01	-3.4833e+01	1.5018e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	2.3743e+01	-2.2339e+01	8.3108e+00
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	7.2960e+00	9.0517e+00	5.2206e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	3.2464e+00	1.4084e+01	1.0485e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	1.0086e+01	4.9418e+00	1.3107e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	1.1082e+01	4.7789e+00	7.8422e+00
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	4.1266e+00	1.3666e+01	5.1671e-01
	641	0.0000e+00	0.0000e+00	0.0000e+00	2.2656e+00	1.8203e+01	1.6805e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	3.0621e+00	1.6688e+01	6.5485e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	5.6789e+00	1.1578e+01	5.3847e+00
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	5.2266e+00	1.2425e+01	-3.0951e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	4.6200e+00	1.4622e+01	-4.7179e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	1.9301e+00	1.7628e+01	-1.3949e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	4.6410e+00	1.3240e+01	2.2795e-01
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	8.3128e+00	8.1081e+00	-4.8076e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	7.4356e+00	8.9223e+00	-7.1704e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	4.6141e+00	1.2702e+01	-5.7712e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	6.3653e+00	1.0743e+01	-3.4084e+00
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	1.1977e+01	2.6598e+00	-5.2246e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	1.0172e+01	2.9981e+00	-7.7360e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	7.7234e+00	6.6392e+00	-7.3331e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	9.3570e+00	6.1791e+00	-4.8217e+00
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	1.6014e+01	-3.3851e+00	-4.7889e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	1.3332e+01	-3.4796e+00	-7.6339e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	1.0623e+01	4.9682e-01	-7.7314e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	1.2980e+01	5.9551e-01	-4.8863e+00
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	2.0392e+01	-9.6881e+00	-3.1441e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	1.7456e+01	-1.1088e+01	-6.5019e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	1.3816e+01	-6.3018e+00	-7.4808e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	1.7255e+01	-5.7620e+00	-4.1230e+00
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	2.4324e+01	-1.4810e+01	6.3829e-01
	635	0.0000e+00	0.0000e+00	0.0000e+00	2.1965e+01	-1.8688e+01	-2.5911e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	1.7793e+01	-1.4053e+01	-5.4659e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	2.1978e+01	-1.2233e+01	-2.2366e+00
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	2.5916e+01	-1.5739e+01	6.2295e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	2.3245e+01	-2.0928e+01	5.4550e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	2.2019e+01	-2.0634e+01	6.7855e-01
	624	0.0000e+00	0.0000e+00	0.0000e+00	2.5579e+01	-1.6357e+01	1.4530e+00
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	2.2850e+01	-9.9697e+00	9.6311e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	1.8035e+01	-1.0723e+01	1.3441e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	2.3407e+01	-1.9545e+01	1.0311e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	2.5168e+01	-1.4095e+01	6.5008e+00
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	1.2104e+01	6.7913e+00	1.2570e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	8.4967e+00	8.6432e+00	5.0373e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	1.3039e+01	4.3182e+00	5.8707e+00

	621	0.0000e+00	0.0000e+00	0.0000e+00	1.5192e+01	4.5185e+00	2.0903e+00
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	9.1176e+00	1.0135e+01	-3.3760e-01
	630	0.0000e+00	0.0000e+00	0.0000e+00	6.2333e+00	1.2286e+01	1.3811e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	8.0122e+00	1.0612e+01	3.4856e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	1.0808e+01	8.5928e+00	1.7669e+00
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	9.1183e+00	1.0209e+01	-1.5788e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	6.9696e+00	1.1455e+01	-2.1341e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	5.9565e+00	1.2567e+01	-4.0106e-01
	619	0.0000e+00	0.0000e+00	0.0000e+00	9.0106e+00	1.0379e+01	1.5428e-01
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	1.1413e+01	7.5172e+00	-1.9058e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	9.4873e+00	7.8842e+00	-3.9049e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	7.1003e+00	1.0434e+01	-3.1115e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	9.7651e+00	9.2285e+00	-1.1124e+00
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	1.5038e+01	3.1096e+00	-1.4508e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	1.2959e+01	2.9472e+00	-4.2394e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	9.9923e+00	6.1072e+00	-4.1893e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	1.2377e+01	5.8455e+00	-1.4008e+00
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	1.9343e+01	-2.1964e+00	-4.1942e-01
	626	0.0000e+00	0.0000e+00	0.0000e+00	1.7082e+01	-2.8098e+00	-3.6733e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	1.3707e+01	7.4518e-01	-4.1366e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	1.6150e+01	1.0500e+00	-8.8270e-01
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	2.3716e+01	-7.5533e+00	1.1823e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	2.1488e+01	-8.8540e+00	-2.1548e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	1.7908e+01	-5.1981e+00	-3.1895e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	2.0560e+01	-4.4483e+00	1.4764e-01
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	2.7148e+01	-1.1556e+01	3.3307e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	2.5043e+01	-1.3602e+01	7.9010e-01
	625	0.0000e+00	0.0000e+00	0.0000e+00	2.2200e+01	-1.0973e+01	-9.4897e-01
	614	0.0000e+00	0.0000e+00	0.0000e+00	2.4863e+01	-9.5717e+00	1.5916e+00
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	2.8323e+01	-1.2360e+01	5.3694e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	2.5747e+01	-1.4172e+01	4.9446e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	2.5476e+01	-1.4593e+01	2.9746e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	2.7737e+01	-1.2500e+01	3.3994e+00
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	2.6378e+01	-9.1024e+00	5.7973e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	2.2999e+01	-8.7653e+00	7.9482e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	2.5939e+01	-1.3123e+01	7.2354e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	2.7780e+01	-1.1373e+01	5.0845e+00
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	1.5842e+01	6.7688e+00	-2.4384e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	1.3101e+01	6.9487e+00	7.2468e-01
	621	0.0000e+00	0.0000e+00	0.0000e+00	1.6463e+01	4.6056e+00	6.4478e-01
	610	0.0000e+00	0.0000e+00	0.0000e+00	1.8864e+01	4.9438e+00	-2.5183e+00
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	1.3067e+01	9.7194e+00	-1.7459e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	1.0498e+01	9.8824e+00	7.2244e-02
	620	0.0000e+00	0.0000e+00	0.0000e+00	1.2321e+01	8.4623e+00	2.4189e-01
	609	0.0000e+00	0.0000e+00	0.0000e+00	1.4914e+01	8.2892e+00	-1.5762e+00
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	1.2706e+01	1.0191e+01	-6.2485e-01
	618	0.0000e+00	0.0000e+00	0.0000e+00	1.0414e+01	1.0028e+01	-6.9889e-01
	619	0.0000e+00	0.0000e+00	0.0000e+00	1.0164e+01	1.0361e+01	-6.9256e-01
	608	0.0000e+00	0.0000e+00	0.0000e+00	1.2807e+01	1.0185e+01	-6.1852e-01
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	1.4471e+01	8.1360e+00	7.7951e-01
	617	0.0000e+00	0.0000e+00	0.0000e+00	1.2434e+01	7.6106e+00	-8.3710e-01
	618	0.0000e+00	0.0000e+00	0.0000e+00	1.0599e+01	9.4062e+00	-1.1685e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	1.3043e+01	9.5375e+00	4.4816e-01
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	1.7681e+01	4.2092e+00	2.3335e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	1.5847e+01	3.4428e+00	-2.8809e-01
	617	0.0000e+00	0.0000e+00	0.0000e+00	1.3041e+01	6.1775e+00	-9.1287e-01
	606	0.0000e+00	0.0000e+00	0.0000e+00	1.5196e+01	6.6494e+00	1.7087e+00
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	2.1694e+01	-8.6202e-01	3.8871e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	2.0038e+01	-1.7219e+00	7.2248e-01
	616	0.0000e+00	0.0000e+00	0.0000e+00	1.6738e+01	1.5050e+00	-6.0751e-02
	605	0.0000e+00	0.0000e+00	0.0000e+00	1.8607e+01	2.1973e+00	3.1039e+00
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	2.5827e+01	-6.2185e+00	5.1835e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	2.4305e+01	-6.9929e+00	2.0078e+00

	615	0.0000e+00	0.0000e+00	0.0000e+00	2.1064e+01	-3.8585e+00	1.2294e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	2.2658e+01	-3.0903e+00	4.4051e+00
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	2.9109e+01	-1.0543e+01	5.7827e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	2.7577e+01	-1.0933e+01	3.4072e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	2.5280e+01	-8.8732e+00	2.8690e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	2.6611e+01	-8.1967e+00	5.2445e+00
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	3.0366e+01	-1.2133e+01	5.1835e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	2.8602e+01	-1.1775e+01	4.5497e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	2.8256e+01	-1.1894e+01	4.5794e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	2.9432e+01	-1.1595e+01	5.2132e+00
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	2.8929e+01	-1.0008e+01	3.3570e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	2.7141e+01	-8.8288e+00	4.7323e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	2.8774e+01	-1.1263e+01	5.5367e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	3.0072e+01	-1.1678e+01	4.1614e+00
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	1.7784e+01	8.3818e+00	-6.2004e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	1.6584e+01	7.1821e+00	-3.0302e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	1.9493e+01	5.2873e+00	-3.7891e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	2.1273e+01	5.5917e+00	-6.9593e+00
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	1.5223e+01	1.1902e+01	-3.3279e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	1.3711e+01	1.0226e+01	-1.4683e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	1.5483e+01	8.7658e+00	-2.9943e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	1.7203e+01	1.0114e+01	-4.8539e+00
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	1.4923e+01	1.2325e+01	9.6541e-02
	607	0.0000e+00	0.0000e+00	0.0000e+00	1.3271e+01	1.0711e+01	1.4839e-01
	608	0.0000e+00	0.0000e+00	0.0000e+00	1.3355e+01	1.0758e+01	-1.5068e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	1.4944e+01	1.2423e+01	-1.5587e+00
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	1.6327e+01	1.0162e+01	3.1179e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	1.4923e+01	8.6242e+00	1.7859e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	1.3521e+01	1.0189e+01	2.5675e-01
	596	0.0000e+00	0.0000e+00	0.0000e+00	1.5040e+01	1.1682e+01	1.5888e+00
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	1.8862e+01	6.1223e+00	5.6827e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	1.7960e+01	4.6542e+00	3.4461e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	1.5558e+01	7.3430e+00	2.0494e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	1.6750e+01	8.6428e+00	4.2861e+00
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	2.2122e+01	7.1879e-01	7.7547e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	2.1780e+01	-4.9421e-01	4.9787e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	1.8856e+01	2.8625e+00	3.7961e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	1.9443e+01	3.9932e+00	6.5721e+00
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	2.5702e+01	-5.4814e+00	8.9402e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	2.5773e+01	-5.9927e+00	6.0135e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	2.2870e+01	-2.5780e+00	5.3488e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	2.2698e+01	-1.7722e+00	8.2756e+00
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	2.8898e+01	-1.1329e+01	8.4452e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	2.9076e+01	-1.0550e+01	6.0006e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	2.6948e+01	-8.0221e+00	6.3566e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	2.6092e+01	-7.9480e+00	8.8013e+00
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	3.0368e+01	-1.4581e+01	5.5770e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	3.0599e+01	-1.2457e+01	4.5970e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	3.0038e+01	-1.1887e+01	6.2688e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	2.8951e+01	-1.3076e+01	7.2488e+00
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	2.8757e+01	-1.2679e+01	1.1632e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	2.9694e+01	-1.0576e+01	2.3986e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	3.0811e+01	-1.2296e+01	4.6672e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	3.0134e+01	-1.4689e+01	3.4318e+00
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	1.6537e+01	1.1736e+01	-1.0337e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	1.7974e+01	9.0137e+00	-6.6824e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	2.0815e+01	6.0427e+00	-8.3395e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	2.1072e+01	6.6045e+00	-1.1994e+01
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	1.4997e+01	1.6407e+01	-4.4881e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	1.4844e+01	1.3168e+01	-2.9438e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	1.6485e+01	1.1073e+01	-6.4230e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	1.6474e+01	1.4730e+01	-7.9673e+00
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	1.5270e+01	1.6019e+01	9.3939e-01

	596	0.0000e+00	0.0000e+00	0.0000e+00	1.4581e+01	1.3426e+01	7.2873e-01
	597	0.0000e+00	0.0000e+00	0.0000e+00	1.4689e+01	1.3477e+01	-2.3723e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	1.4737e+01	1.7029e+01	-2.1617e+00
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	1.6181e+01	1.3120e+01	4.8890e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	1.6023e+01	1.0906e+01	3.8511e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	1.4923e+01	1.2736e+01	1.4113e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	1.5186e+01	1.5358e+01	2.4492e+00
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	1.7506e+01	8.5360e+00	8.0370e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	1.8363e+01	6.5667e+00	6.4920e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	1.6511e+01	9.6560e+00	4.4566e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	1.6240e+01	1.1720e+01	6.0016e+00
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	1.9179e+01	2.4326e+00	1.0525e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	2.1281e+01	8.7021e-01	8.6001e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	1.8974e+01	4.8777e+00	6.9436e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	1.7602e+01	6.5980e+00	8.8685e+00
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	2.1233e+01	-5.1438e+00	1.1942e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	2.4541e+01	-5.7068e+00	9.7143e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	2.2076e+01	-1.2204e+00	8.7888e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	1.9201e+01	5.0657e-02	1.1017e+01
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	2.3665e+01	-1.3694e+01	1.1169e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	2.7732e+01	-1.2078e+01	8.8293e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	2.5611e+01	-8.0993e+00	9.4731e+00
	581	0.0000e+00	0.0000e+00	0.0000e+00	2.1064e+01	-7.7592e+00	1.1812e+01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	2.5474e+01	-2.0506e+01	6.5570e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	2.9814e+01	-1.5947e+01	5.0158e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	2.8924e+01	-1.4237e+01	8.0984e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	2.3254e+01	-1.5787e+01	9.6396e+00
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	2.2969e+01	-1.8466e+01	-1.6768e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	2.9155e+01	-1.4376e+01	-1.5966e-01
	590	0.0000e+00	0.0000e+00	0.0000e+00	3.0175e+01	-1.6338e+01	4.1190e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	2.5011e+01	-2.0727e+01	2.6018e+00
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	1.1219e+01	2.2646e+01	-1.3770e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	1.4583e+01	1.3333e+01	-9.5873e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	1.8795e+01	6.8746e+00	-1.3456e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	1.5450e+01	5.2291e+00	-1.7639e+01
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	1.3484e+01	2.3985e+01	-3.3229e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	1.2945e+01	1.8875e+01	-3.6859e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	1.4152e+01	1.5857e+01	-9.2076e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	1.1544e+01	2.1691e+01	-8.8445e+00
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	1.3904e+01	2.1532e+01	1.8364e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	1.4007e+01	1.7418e+01	1.3845e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	1.3989e+01	1.8351e+01	-2.1870e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.3009e+01	2.1315e+01	-1.7351e+00
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	1.3551e+01	1.7775e+01	5.5607e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	1.4974e+01	1.3875e+01	5.3049e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	1.4648e+01	1.6616e+01	2.5558e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	1.3361e+01	1.8165e+01	2.8117e+00
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	1.2772e+01	1.2880e+01	8.6707e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	1.5877e+01	8.8578e+00	8.5007e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	1.5447e+01	1.2868e+01	6.1123e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	1.2858e+01	1.3579e+01	6.2823e+00
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	1.1643e+01	6.5658e+00	1.1223e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	1.6844e+01	2.3277e+00	1.1091e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	1.6365e+01	7.5783e+00	8.9833e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	1.1857e+01	7.5182e+00	9.1144e+00
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	1.0269e+01	-1.5343e+00	1.2936e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	1.8040e+01	-5.8091e+00	1.2744e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	1.7513e+01	6.8644e-01	1.1135e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	1.0408e+01	-4.0043e-01	1.1327e+01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	9.2067e+00	-1.1662e+01	1.2967e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	1.9838e+01	-1.5133e+01	1.2370e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	1.9216e+01	-7.9517e+00	1.2008e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	8.6227e+00	-1.0707e+01	1.2606e+01

2010	559	0.0000e+00	0.0000e+00	0.0000e+00	1.0794e+01	-2.3079e+01	8.7526e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	2.1553e+01	-2.2889e+01	7.2391e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	2.2245e+01	-1.7799e+01	1.0416e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	7.0471e+00	-2.3906e+01	1.1930e+01
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	6.2501e+00	-2.4789e+01	-5.6508e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	2.1894e+01	-2.1864e+01	-3.4201e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	2.4906e+01	-2.4695e+01	4.7843e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	7.7407e+00	-3.8030e+01	2.5536e+00
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	1.4020e+01	1.9836e+01	-6.6122e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	7.5413e+00	2.8118e+01	-1.2015e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	8.1442e+00	6.9546e+00	-2.6410e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	2.5129e+00	4.3766e+01	-2.1008e+01
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	1.2204e+01	2.0259e+01	-3.6009e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.3044e+01	2.5297e+01	-4.5949e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	9.1681e+00	2.4417e+01	-8.6660e+00
	576	0.0000e+00	0.0000e+00	0.0000e+00	1.4073e+01	3.7523e+01	-7.6720e+00
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	9.7192e+00	1.5903e+01	-1.0809e-01
	571	0.0000e+00	0.0000e+00	0.0000e+00	1.3511e+01	2.1636e+01	1.2028e-01
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.1390e+01	2.3580e+01	-2.5726e+00
	574	0.0000e+00	0.0000e+00	0.0000e+00	1.2302e+01	3.4650e+01	-2.8010e+00
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	6.5418e+00	9.5245e+00	2.7658e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	1.2739e+01	1.7333e+01	3.3915e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	1.0723e+01	2.0124e+01	1.2279e+00
	572	0.0000e+00	0.0000e+00	0.0000e+00	9.8204e+00	3.2220e+01	6.0223e-01
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	2.4929e+00	1.0314e+00	4.9451e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	1.1407e+01	1.1835e+01	5.8510e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	9.0565e+00	1.5453e+01	4.1155e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	6.6716e+00	2.9697e+01	3.2095e+00
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	-2.8233e+00	-1.0235e+01	6.2713e+00
	565	0.0000e+00	0.0000e+00	0.0000e+00	9.5544e+00	4.7111e+00	7.5256e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	6.6145e+00	9.4266e+00	6.2791e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	2.6481e+00	2.6843e+01	5.0249e+00
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	-9.9959e+00	-2.5155e+01	6.4756e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	7.1357e+00	-4.5786e+00	8.1997e+00
	565	0.0000e+00	0.0000e+00	0.0000e+00	3.2896e+00	1.6248e+00	7.5930e+00
	566	0.0000e+00	0.0000e+00	0.0000e+00	-2.6699e+00	2.3403e+01	5.8689e+00
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	-1.9846e+01	-4.4857e+01	5.1152e+00
	561	0.0000e+00	0.0000e+00	0.0000e+00	4.4950e+00	-1.6582e+01	7.3241e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	-1.0022e+00	-8.5365e+00	7.6473e+00
	564	0.0000e+00	0.0000e+00	0.0000e+00	-9.8909e+00	1.9098e+01	5.4384e+00
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	-3.3050e+01	-7.1101e+01	1.3177e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	3.6690e+00	-3.1080e+01	3.2590e+00
	561	0.0000e+00	0.0000e+00	0.0000e+00	-5.6776e+00	-2.1968e+01	5.3529e+00
	562	0.0000e+00	0.0000e+00	0.0000e+00	-1.9785e+01	1.3904e+01	3.4116e+00
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	-5.2281e+01	-1.0974e+02	-1.0196e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	2.2355e+01	-3.3506e+01	-1.4579e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	-5.7911e+00	-4.3714e+01	-4.3527e+00
	560	0.0000e+00	0.0000e+00	0.0000e+00	-3.2982e+01	1.2255e+01	3.0537e-02
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	9.6890e+00	1.2636e+02	9.1931e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	9.2889e+01	1.8416e+01	-2.7069e+01
	19	0.0000e+00	0.0000e+00	0.0000e+00	8.1228e+01	3.3992e+02	6.7332e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-5.1840e+01	4.4893e+01	1.0359e+02
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	3.3475e+01	3.0933e+01	-1.1694e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	4.8038e+01	2.9559e+01	-3.3006e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	6.2897e+01	6.2438e+01	-6.7983e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	3.5557e+01	6.7996e+01	-1.5192e+01
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	2.5121e+01	1.4522e+01	-9.0234e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	3.0610e+01	1.3797e+01	-1.8885e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	4.1039e+01	2.5899e+01	-4.5792e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	2.9093e+01	3.0506e+01	-1.1714e+01
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	1.7736e+01	6.3491e+00	-7.1151e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	2.0164e+01	6.1967e+00	-1.8803e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	2.6806e+01	1.2376e+01	-3.0346e+00

	545	0.0000e+00	0.0000e+00	0.0000e+00	2.1661e+01	1.4511e+01	-8.2694e+00
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	1.1786e+01	8.8810e-01	-6.3757e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	1.2723e+01	1.1428e+00	-2.2594e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	1.7601e+01	5.4196e+00	-2.5536e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	1.5217e+01	6.2573e+00	-6.6699e+00
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	6.4131e+00	-4.6122e+00	-6.6394e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	5.9997e+00	-3.8472e+00	-2.7685e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	1.0565e+01	5.0736e-01	-2.4913e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	9.6607e+00	7.2295e-01	-6.3622e+00
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	6.1250e-01	-1.2839e+01	-8.0400e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-2.1622e+00	-1.1074e+01	-3.4577e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	3.5971e+00	-4.7167e+00	-2.4978e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	4.1019e+00	-4.8547e+00	-7.0801e+00
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	-6.1108e+00	-2.8494e+01	-1.1026e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.4975e+01	-2.4786e+01	-4.6476e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-5.6969e+00	-1.2515e+01	-2.5018e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-2.5149e+00	-1.3059e+01	-8.8801e+00
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	-1.4180e+01	-6.4996e+01	-1.4033e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-3.4815e+01	-6.0768e+01	-5.6540e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	-2.1696e+01	-2.8051e+01	-3.2150e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.0388e+01	-2.8657e+01	-1.1594e+01
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	7.6926e+01	-4.6587e+01	9.8929e+01
	18	0.0000e+00	0.0000e+00	0.0000e+00	-6.9161e+01	-3.3240e+02	6.7683e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-6.4750e+01	-1.3978e+01	-2.2101e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	9.4481e+00	-1.2186e+02	9.1457e+00
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	-8.4198e+00	4.0183e+01	6.1901e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	5.8383e+00	9.0206e+01	1.9404e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	1.8477e+01	1.9618e+01	4.4561e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	5.6107e+00	1.9784e+01	3.1348e+01
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	1.9857e+00	3.5140e+01	-5.6910e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	2.1209e+01	3.8897e+01	-1.7011e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-1.0575e+00	5.4217e+01	-6.6024e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	1.4038e+00	3.7346e+01	4.7177e+00
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	1.1386e+01	1.8464e+01	-9.7866e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	1.9385e+01	1.7928e+01	-1.1725e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	1.9183e+01	2.6748e+01	-1.2746e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	7.6750e+00	2.8235e+01	-1.0808e+01
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	1.2211e+01	8.2587e+00	-9.9786e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	1.5324e+01	7.9195e+00	-8.9673e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	1.7949e+01	1.3147e+01	-1.0419e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	1.1627e+01	1.5686e+01	-1.1431e+01
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	1.0989e+01	1.3510e+00	-9.5997e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	1.1102e+01	1.7238e+00	-7.9936e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	1.4017e+01	5.4833e+00	-8.6089e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	1.1315e+01	7.0755e+00	-1.0215e+01
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	9.7952e+00	-5.2420e+00	-9.8290e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	7.1720e+00	-3.9053e+00	-8.3902e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	9.9117e+00	-1.3503e-01	-8.0295e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	9.9595e+00	4.8680e-01	-9.4683e+00
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	9.9866e+00	-1.3911e+01	-1.0616e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	3.7936e+00	-1.1578e+01	-1.0010e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	6.0034e+00	-6.3821e+00	-8.7776e+00
	531	0.0000e+00	0.0000e+00	0.0000e+00	9.0001e+00	-6.4927e+00	-9.3836e+00
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	1.4567e+01	-2.6500e+01	-9.9214e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	2.9589e+00	-2.4908e+01	-1.2208e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	2.5815e+00	-1.6340e+01	-1.1210e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	1.0330e+01	-1.6726e+01	-8.9237e+00
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	2.1232e+01	-3.6160e+01	4.5517e+00
	539	0.0000e+00	0.0000e+00	0.0000e+00	2.3016e+01	-5.1339e+01	-6.7888e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	1.2503e+00	-3.6904e+01	-1.6343e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	2.0109e+01	-3.3148e+01	-5.0027e+00
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	2.1697e+01	-2.0026e+01	3.1023e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	2.1441e+00	-2.0928e+01	4.2783e+01

	539	0.0000e+00	0.0000e+00	0.0000e+00	1.5965e+01	-8.7659e+01	1.8328e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	3.1613e+01	-4.0095e+01	6.5675e+00
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	3.7530e+00	1.8922e+01	7.3546e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	1.7742e+00	3.1171e+01	1.5397e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	1.3174e+01	1.3574e+01	2.3649e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	8.5847e+00	9.4682e+00	1.5607e+01
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	2.0284e+00	2.3561e+01	-2.4442e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	5.8978e+00	2.8871e+01	-4.3124e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	1.4812e+00	3.4552e+01	4.9552e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	2.6742e+00	2.1495e+01	6.8234e+00
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	5.8564e+00	1.7034e+01	-7.7085e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	9.9272e+00	1.8211e+01	-1.0938e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	4.9328e+00	2.6270e+01	-7.5050e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	4.3318e+00	2.0643e+01	-4.2751e+00
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	9.2490e+00	9.0642e+00	-9.2481e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	1.0877e+01	9.1799e+00	-1.0944e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	9.3024e+00	1.4585e+01	-1.0660e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	7.4013e+00	1.4138e+01	-8.9640e+00
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	1.1402e+01	2.1217e+00	-9.2831e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	1.0737e+01	2.2978e+00	-1.0227e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	1.0501e+01	6.3495e+00	-1.0510e+01
	522	0.0000e+00	0.0000e+00	0.0000e+00	9.7331e+00	7.0881e+00	-9.5670e+00
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	1.3512e+01	-4.6471e+00	-8.8504e+00
	531	0.0000e+00	0.0000e+00	0.0000e+00	1.0850e+01	-4.2861e+00	-9.9808e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	1.0471e+01	-2.2924e-01	-1.0125e+01
	521	0.0000e+00	0.0000e+00	0.0000e+00	1.1609e+01	4.1778e-01	-8.9947e+00
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	1.6581e+01	-1.2086e+01	-7.4975e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	1.2588e+01	-1.2615e+01	-9.6935e+00
	531	0.0000e+00	0.0000e+00	0.0000e+00	1.0655e+01	-7.2375e+00	-1.0213e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	1.4081e+01	-6.7369e+00	-8.0172e+00
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	2.0789e+01	-1.9196e+01	-2.6105e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	1.7680e+01	-2.4392e+01	-6.5321e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	1.2286e+01	-1.6455e+01	-9.8053e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	1.8268e+01	-1.5164e+01	-5.8836e+00
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	2.3741e+01	-2.0771e+01	8.2170e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	2.2563e+01	-3.3205e+01	5.3258e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	1.7119e+01	-2.7334e+01	-3.4569e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	2.3350e+01	-2.2363e+01	-5.6572e-01
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	2.0196e+01	-8.9909e+00	1.7286e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	1.1530e+01	-1.3833e+01	2.4236e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	2.2397e+01	-3.0560e+01	1.5915e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	2.3357e+01	-1.8912e+01	8.9649e+00
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	8.4217e+00	1.0896e+01	3.4542e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	5.4653e+00	1.6597e+01	8.5650e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	1.2169e+01	7.0313e+00	1.1941e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	1.2034e+01	6.0412e+00	6.8304e+00
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	5.5661e+00	1.5431e+01	-1.9009e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	4.6892e+00	2.0099e+01	-9.1449e-01
	525	0.0000e+00	0.0000e+00	0.0000e+00	5.1835e+00	1.9032e+01	4.2648e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	7.0627e+00	1.3436e+01	3.2784e+00
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	6.7950e+00	1.3640e+01	-5.5588e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	6.9683e+00	1.5598e+01	-7.2058e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	4.1922e+00	1.9219e+01	-4.0149e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	6.2470e+00	1.4853e+01	-2.3679e+00
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	9.7596e+00	8.7566e+00	-6.9033e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	9.4707e+00	9.1422e+00	-9.1236e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	6.7844e+00	1.3426e+01	-8.1180e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	7.9645e+00	1.1819e+01	-5.8977e+00
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	1.3111e+01	2.9458e+00	-6.7247e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	1.1783e+01	2.7695e+00	-8.9894e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	9.5872e+00	6.7213e+00	-9.0963e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	1.0736e+01	6.7570e+00	-6.8316e+00
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	1.6716e+01	-3.1393e+00	-5.6101e+00



	520	0.0000e+00	0.0000e+00	0.0000e+00	1.4483e+01	-3.7661e+00	-8.1451e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	1.2086e+01	2.6090e-01	-8.7823e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	1.3996e+01	8.9704e-01	-6.2473e+00
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	2.0573e+01	-9.0626e+00	-3.3408e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	1.8105e+01	-1.0917e+01	-6.3211e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	1.4856e+01	-6.4385e+00	-7.7881e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	1.7806e+01	-5.3854e+00	-4.8078e+00
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	2.3915e+01	-1.3336e+01	8.3630e-01
	518	0.0000e+00	0.0000e+00	0.0000e+00	2.2018e+01	-1.7431e+01	-1.9314e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	1.8380e+01	-1.3539e+01	-5.1153e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	2.1967e+01	-1.1324e+01	-2.3476e+00
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	2.4861e+01	-1.3040e+01	6.4295e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	2.2779e+01	-1.8090e+01	6.1212e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	2.2074e+01	-1.8852e+01	1.3477e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	2.4944e+01	-1.4442e+01	1.6561e+00
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	2.1609e+01	-5.9255e+00	9.5013e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	1.6859e+01	-6.3599e+00	1.3679e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	2.2937e+01	-1.6179e+01	1.0836e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	2.3962e+01	-1.0980e+01	6.6589e+00
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	1.2443e+01	7.5653e+00	-1.7747e-01
	514	0.0000e+00	0.0000e+00	0.0000e+00	9.5772e+00	1.0126e+01	3.3792e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	1.3881e+01	5.0980e+00	5.0599e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.5318e+01	4.3274e+00	1.5033e+00
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	9.7635e+00	1.1446e+01	-2.6108e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	7.5738e+00	1.3883e+01	-1.0446e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	9.0761e+00	1.2180e+01	1.5103e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	1.1422e+01	9.5536e+00	-5.5918e-02
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	9.8936e+00	1.1525e+01	-4.1031e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	8.3462e+00	1.2683e+01	-4.6990e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	7.1984e+00	1.4079e+01	-2.9214e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	9.8388e+00	1.1715e+01	-2.3256e+00
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	1.2123e+01	8.6184e+00	-4.2364e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	1.0686e+01	8.6607e+00	-6.1457e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	8.3408e+00	1.1543e+01	-5.6040e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	1.0615e+01	1.0512e+01	-3.6948e+00
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	1.5505e+01	4.0122e+00	-3.3140e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	1.3821e+01	3.4072e+00	-5.8987e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	1.1045e+01	6.8043e+00	-6.2663e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	1.3065e+01	6.9279e+00	-3.6816e+00
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	1.9429e+01	-1.3181e+00	-1.7016e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	1.7495e+01	-2.3916e+00	-4.6599e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	1.4428e+01	1.2096e+00	-5.5950e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	1.6525e+01	1.9893e+00	-2.6367e+00
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	2.3322e+01	-6.4214e+00	4.4613e-01
	508	0.0000e+00	0.0000e+00	0.0000e+00	2.1369e+01	-8.0942e+00	-2.5203e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	1.8201e+01	-4.6623e+00	-3.9779e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	2.0503e+01	-3.4463e+00	-1.0115e+00
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	2.6228e+01	-9.8462e+00	2.9624e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	2.4337e+01	-1.2070e+01	8.4142e-01
	508	0.0000e+00	0.0000e+00	0.0000e+00	2.1993e+01	-9.9679e+00	-1.1675e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	2.4291e+01	-8.2101e+00	9.5346e-01
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	2.6877e+01	-9.7737e+00	5.0906e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	2.4520e+01	-1.1526e+01	5.0706e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	2.4725e+01	-1.2702e+01	3.0553e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	2.6632e+01	-1.0460e+01	3.0752e+00
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	2.4659e+01	-5.4292e+00	5.3608e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	2.1214e+01	-4.8961e+00	7.8440e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	2.4683e+01	-1.0070e+01	7.2883e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	2.6202e+01	-8.4351e+00	4.8050e+00
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	1.5477e+01	6.3003e+00	-3.5342e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	1.3480e+01	7.3087e+00	-5.8810e-01
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.6594e+01	3.9231e+00	3.3367e-01
	493	0.0000e+00	0.0000e+00	0.0000e+00	1.8310e+01	3.1047e+00	-2.6125e+00

2073	491	0.0000e+00	0.0000e+00	0.0000e+00	1.2991e+01	1.0402e+01	-3.8828e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	1.1122e+01	1.0973e+01	-2.1709e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	1.2708e+01	9.1048e+00	-1.4215e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	1.4859e+01	8.1911e+00	-3.1334e+00
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	1.2767e+01	1.1421e+01	-3.1767e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	1.1077e+01	1.1294e+01	-3.2711e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	1.0714e+01	1.1555e+01	-3.0946e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	1.2939e+01	1.1078e+01	-3.0002e+00
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	1.4523e+01	9.5273e+00	-1.7244e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	1.2964e+01	8.7886e+00	-3.2718e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	1.1151e+01	1.0683e+01	-3.7391e+00
	490	0.0000e+00	0.0000e+00	0.0000e+00	1.3213e+01	1.0870e+01	-2.1917e+00
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	1.7573e+01	5.6074e+00	1.6879e-01
	499	0.0000e+00	0.0000e+00	0.0000e+00	1.6100e+01	4.4910e+00	-2.2895e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	1.3446e+01	7.3434e+00	-3.2354e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	1.5265e+01	8.1017e+00	-7.7712e-01
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	2.1295e+01	5.6989e-01	2.2028e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	1.9897e+01	-6.7780e-01	-7.1316e-01
	499	0.0000e+00	0.0000e+00	0.0000e+00	1.6864e+01	2.5733e+00	-1.8942e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	1.8443e+01	3.6663e+00	1.0218e+00
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	2.5052e+01	-4.6098e+00	3.9898e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	2.3694e+01	-5.7141e+00	1.1230e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	2.0809e+01	-2.7281e+00	-3.2177e-02
	487	0.0000e+00	0.0000e+00	0.0000e+00	2.2151e+01	-1.5430e+00	2.8346e+00
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	2.7939e+01	-8.5555e+00	4.9674e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	2.6474e+01	-9.1290e+00	2.9203e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	2.4583e+01	-7.4295e+00	2.1172e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	2.5698e+01	-6.4114e+00	4.1644e+00
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	2.8833e+01	-9.5358e+00	4.5375e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	2.7070e+01	-9.1708e+00	4.2042e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	2.7106e+01	-9.8530e+00	4.1436e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	2.8123e+01	-9.3678e+00	4.4768e+00
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	2.7187e+01	-6.5278e+00	2.6615e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	2.5187e+01	-5.2212e+00	4.2920e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	2.7222e+01	-8.3609e+00	5.1730e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	2.8443e+01	-8.8003e+00	3.5425e+00
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	1.6302e+01	6.4415e+00	-6.9718e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	1.6246e+01	6.2102e+00	-3.9807e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	1.8934e+01	2.8777e+00	-3.5747e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	1.9651e+01	1.8418e+00	-6.5658e+00
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	1.4066e+01	1.1817e+01	-5.3100e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	1.3582e+01	1.0636e+01	-3.5282e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	1.5150e+01	8.2779e+00	-4.3850e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	1.6095e+01	8.7951e+00	-6.1669e+00
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	1.4034e+01	1.3336e+01	-2.3924e+00
	490	0.0000e+00	0.0000e+00	0.0000e+00	1.3199e+01	1.1855e+01	-2.3924e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	1.3175e+01	1.1439e+01	-3.8097e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	1.4058e+01	1.2767e+01	-3.8097e+00
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	1.5601e+01	1.1704e+01	5.6582e-01
	489	0.0000e+00	0.0000e+00	0.0000e+00	1.4797e+01	1.0063e+01	-7.6976e-01
	490	0.0000e+00	0.0000e+00	0.0000e+00	1.3379e+01	1.1450e+01	-2.3546e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	1.4323e+01	1.2950e+01	-1.0190e+00
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	1.8151e+01	7.8931e+00	3.3417e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	1.7660e+01	6.1760e+00	1.1830e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	1.5347e+01	8.8221e+00	-4.4979e-01
	478	0.0000e+00	0.0000e+00	0.0000e+00	1.6106e+01	1.0341e+01	1.7089e+00
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	2.1275e+01	2.6254e+00	5.7869e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	2.1194e+01	1.0940e+00	3.1743e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	1.8459e+01	4.4172e+00	1.6615e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	1.8737e+01	5.8839e+00	4.2741e+00
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	2.4621e+01	-3.4040e+00	7.4154e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	2.4828e+01	-4.2300e+00	4.7089e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	2.2187e+01	-9.2552e-01	3.6947e+00

	476	0.0000e+00	0.0000e+00	0.0000e+00	2.1800e+01	2.5857e-01	6.4012e+00
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	2.7576e+01	-8.9967e+00	7.3377e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	2.7775e+01	-8.4408e+00	5.1121e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	2.5931e+01	-6.1536e+00	5.1778e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	2.4928e+01	-5.7279e+00	7.4034e+00
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	2.8893e+01	-1.1876e+01	4.7398e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	2.9019e+01	-9.7923e+00	3.9202e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	2.8714e+01	-9.6375e+00	5.4463e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	2.7543e+01	-1.0579e+01	6.2660e+00
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	2.7206e+01	-9.2973e+00	3.3626e-01
	483	0.0000e+00	0.0000e+00	0.0000e+00	2.7883e+01	-7.0949e+00	1.7071e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	2.9255e+01	-9.4430e+00	4.0077e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	2.8600e+01	-1.1800e+01	2.6369e+00
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	1.2871e+01	8.2200e+00	-1.0764e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	1.6361e+01	6.4612e+00	-7.2441e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	1.9029e+01	1.5798e+00	-7.6089e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	1.7307e+01	5.4402e-01	-1.1129e+01
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	1.1936e+01	1.5621e+01	-6.1220e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	1.3445e+01	1.2794e+01	-4.7294e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	1.4878e+01	9.2510e+00	-7.5689e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	1.3313e+01	1.2052e+01	-8.9615e+00
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	1.2916e+01	1.6783e+01	-1.1787e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	1.3417e+01	1.4355e+01	-1.6407e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	1.3341e+01	1.3501e+01	-4.5026e+00
	469	0.0000e+00	0.0000e+00	0.0000e+00	1.2059e+01	1.6745e+01	-4.0406e+00
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	1.4394e+01	1.4715e+01	2.5758e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	1.5048e+01	1.2485e+01	1.3312e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	1.3811e+01	1.3834e+01	-1.0932e+00
	468	0.0000e+00	0.0000e+00	0.0000e+00	1.3119e+01	1.6409e+01	1.5141e-01
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	1.6066e+01	1.0567e+01	5.7577e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	1.7441e+01	8.4454e+00	4.1153e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	1.5551e+01	1.1298e+01	1.9424e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	1.4641e+01	1.3482e+01	3.5848e+00
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	1.7866e+01	4.7347e+00	8.4612e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	2.0260e+01	2.9236e+00	6.5584e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	1.8023e+01	6.7936e+00	4.6583e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	1.6262e+01	8.7483e+00	6.5611e+00
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	1.9868e+01	-2.5945e+00	1.0231e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	2.3312e+01	-3.4713e+00	8.1175e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	2.0997e+01	8.8822e-01	6.8806e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	1.7917e+01	2.4628e+00	8.9942e+00
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	2.2166e+01	-1.0880e+01	9.9069e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	2.6288e+01	-9.6017e+00	7.7037e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	2.4325e+01	-5.7810e+00	8.0081e+00
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.9682e+01	-5.1053e+00	1.0211e+01
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	2.4030e+01	-1.7520e+01	5.7482e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	2.8254e+01	-1.3134e+01	4.2227e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	2.7483e+01	-1.1681e+01	7.0524e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	2.1722e+01	-1.2903e+01	8.5779e+00
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	2.1597e+01	-1.5206e+01	-2.4339e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	2.7679e+01	-1.0961e+01	-9.5740e-01
	473	0.0000e+00	0.0000e+00	0.0000e+00	2.8744e+01	-1.3491e+01	3.3497e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	2.3512e+01	-1.7781e+01	1.8732e+00
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	3.1948e+00	1.6845e+01	-1.3688e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	1.0529e+01	9.0782e+00	-9.7443e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	1.4336e+01	-7.6578e-02	-1.2376e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	7.3474e+00	-2.6285e+00	-1.6319e+01
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	7.3440e+00	2.1830e+01	-3.8435e+00
	469	0.0000e+00	0.0000e+00	0.0000e+00	9.3470e+00	1.7894e+01	-4.9689e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	9.8898e+00	1.2552e+01	-1.0177e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	4.5299e+00	1.8936e+01	-9.0512e+00
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	9.4085e+00	2.1410e+01	7.2694e-01
	468	0.0000e+00	0.0000e+00	0.0000e+00	1.1237e+01	1.8104e+01	-5.1705e-01

	469	0.0000e+00	0.0000e+00	0.0000e+00	1.0571e+01	1.7634e+01	-3.8590e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	7.5645e+00	2.0951e+01	-2.6150e+00
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	1.0321e+01	1.8851e+01	3.9710e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	1.2898e+01	1.5474e+01	3.0966e+00
	468	0.0000e+00	0.0000e+00	0.0000e+00	1.2029e+01	1.7390e+01	4.7552e-01
	454	0.0000e+00	0.0000e+00	0.0000e+00	9.4260e+00	1.9207e+01	1.3499e+00
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	1.0436e+01	1.4694e+01	6.8280e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	1.4242e+01	1.0959e+01	6.2412e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	1.3452e+01	1.4478e+01	3.8580e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	1.0041e+01	1.5465e+01	4.4448e+00
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	9.8624e+00	8.8797e+00	9.3402e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	1.5403e+01	4.7489e+00	8.9851e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	1.4746e+01	9.6788e+00	6.7717e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	9.8023e+00	9.9347e+00	7.1268e+00
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	8.7319e+00	1.1975e+00	1.1197e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.6587e+01	-3.1142e+00	1.0956e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	1.6033e+01	3.1355e+00	9.1454e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	8.7994e+00	2.4118e+00	9.3865e+00
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	7.6026e+00	-8.4927e+00	1.1562e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	1.8260e+01	-1.2174e+01	1.1059e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.7674e+01	-5.1771e+00	1.0379e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	7.1735e+00	-7.5106e+00	1.0882e+01
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	9.0210e+00	-1.9497e+01	7.9866e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	1.9872e+01	-1.9799e+01	6.5723e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	2.0553e+01	-1.4710e+01	9.2581e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	5.4857e+00	-2.0335e+01	1.0672e+01
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	4.5398e+00	-2.2112e+01	-5.9560e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	2.0943e+01	-1.8562e+01	-4.0784e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	2.3427e+01	-2.1833e+01	4.0584e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	5.8458e+00	-3.4409e+01	2.1808e+00
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	8.4001e-01	2.2841e+01	-2.2281e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	-3.9529e+00	2.2671e+01	-9.6380e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	7.2392e-01	-2.7809e+00	-2.4425e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.8793e+01	2.6355e+01	-1.7015e+01
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	2.6542e+00	2.3252e+01	-1.0689e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	4.8986e+00	2.3480e+01	-3.7489e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	8.5028e-01	2.0300e+01	-7.0187e+00
	459	0.0000e+00	0.0000e+00	0.0000e+00	1.2933e+00	2.7008e+01	-4.3387e+00
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	2.8937e+00	1.9326e+01	9.7682e-01
	454	0.0000e+00	0.0000e+00	0.0000e+00	7.7183e+00	2.1630e+01	-3.8988e-02
	456	0.0000e+00	0.0000e+00	0.0000e+00	5.4291e+00	2.2286e+01	-1.9655e+00
	457	0.0000e+00	0.0000e+00	0.0000e+00	3.1326e+00	2.8408e+01	-9.4968e-01
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	1.7826e+00	1.3156e+01	2.7835e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	8.6439e+00	1.8517e+01	2.4596e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	6.4397e+00	2.0501e+01	8.6610e-01
	455	0.0000e+00	0.0000e+00	0.0000e+00	3.3332e+00	2.9020e+01	1.1899e+00
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	-6.8130e-01	4.7761e+00	4.2560e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	8.5124e+00	1.3794e+01	4.4481e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	6.0179e+00	1.6880e+01	3.0761e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	2.2009e+00	2.8617e+01	2.8839e+00
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	-4.8203e+00	-6.3358e+00	5.1598e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	7.4440e+00	7.2128e+00	5.9224e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	4.4636e+00	1.1546e+01	4.8668e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	-3.0085e-01	2.7186e+01	4.1042e+00
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.1204e+01	-2.0953e+01	5.1500e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	5.4266e+00	-1.6226e+00	6.6174e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	1.7116e+00	4.2715e+00	6.0708e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	-4.5274e+00	2.4685e+01	4.6034e+00
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	-2.0701e+01	-4.0133e+01	3.7198e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	2.7849e+00	-1.3170e+01	5.9578e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	-2.3243e+00	-5.3800e+00	6.2367e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.1075e+01	2.1031e+01	3.9987e+00
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	-3.4143e+01	-6.5646e+01	-3.2132e-03

	442	0.0000e+00	0.0000e+00	0.0000e+00	1.2863e+00	-2.7348e+01	2.4313e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	-7.1690e+00	-1.8167e+01	4.3156e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	-2.0775e+01	1.6397e+01	1.8811e+00
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	-5.7671e+01	-1.0382e+02	-1.0634e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	2.1183e+01	-3.0936e+01	-1.3755e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	-8.3203e+00	-3.9605e+01	-4.9295e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-3.4467e+01	1.5786e+01	-1.8084e+00
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	1.2976e+01	1.1877e+02	1.0368e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	8.7875e+01	1.3058e+01	-2.1306e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	8.8181e+01	3.2384e+02	6.8015e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	-5.1259e+01	4.1109e+01	9.9688e+01
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	3.3068e+01	2.9113e+01	-1.0169e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	4.5761e+01	2.8408e+01	-1.9126e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	5.8756e+01	5.9029e+01	-4.4013e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	3.6739e+01	6.3256e+01	-1.2658e+01
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	2.4995e+01	1.5206e+01	-7.8729e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	2.9711e+01	1.4776e+01	-1.2258e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	3.9252e+01	2.5672e+01	-3.2944e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.8870e+01	2.9342e+01	-9.9415e+00
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	1.8057e+01	8.2313e+00	-6.5069e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	2.0131e+01	8.3442e+00	-1.6292e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	2.6223e+01	1.3797e+01	-2.3816e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	2.1810e+01	1.5401e+01	-7.2593e+00
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	1.2381e+01	3.2915e+00	-6.2581e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	1.3078e+01	3.8250e+00	-2.3022e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	1.7745e+01	7.7660e+00	-2.2803e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	1.5698e+01	8.2561e+00	-6.2362e+00
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	7.0635e+00	-2.2937e+00	-7.0307e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	6.3202e+00	-1.1588e+00	-3.1293e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	1.0967e+01	3.2362e+00	-2.5215e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	1.0291e+01	3.1667e+00	-6.4229e+00
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	1.1583e+00	-1.1324e+01	-9.0525e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	-2.3180e+00	-8.9804e+00	-4.2656e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	3.8375e+00	-2.1451e+00	-2.8619e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	4.6643e+00	-2.5834e+00	-7.6488e+00
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	-5.6635e+00	-2.8851e+01	-1.2871e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.6037e+01	-2.4140e+01	-6.1974e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	-6.0669e+00	-1.0814e+01	-3.3663e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	-2.1635e+00	-1.1714e+01	-1.0040e+01
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	-1.2031e+01	-6.8947e+01	-1.6724e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-3.7860e+01	-6.3325e+01	-8.4454e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	-2.3145e+01	-2.8335e+01	-4.9290e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	-1.0036e+01	-2.9681e+01	-1.3208e+01
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	7.9140e+01	-4.9812e+01	1.0267e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	-6.1054e+01	-3.4817e+02	6.6567e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-6.8604e+01	-1.8444e+01	-2.8282e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	1.3815e+01	-1.2883e+02	7.8241e+00
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	-5.9480e+00	3.7407e+01	7.1532e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	7.5030e+00	8.4529e+01	1.9725e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	2.2287e+01	1.6486e+01	4.3467e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	4.6414e+00	1.6555e+01	3.0895e+01
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	4.0491e+00	3.2970e+01	-4.4813e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.1698e+01	3.6877e+01	-1.5023e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	7.0386e-01	4.9980e+01	-5.2054e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	3.7664e+00	3.4431e+01	5.3361e+00
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	1.2805e+01	1.8432e+01	-8.6460e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	1.9865e+01	1.8244e+01	-1.0334e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	1.9912e+01	2.5772e+01	-1.1017e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	9.3516e+00	2.6938e+01	-9.3295e+00
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	1.3502e+01	9.5124e+00	-9.2704e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	1.6020e+01	9.5665e+00	-8.2514e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	1.8558e+01	1.4046e+01	-9.2499e+00
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.3021e+01	1.6079e+01	-1.0269e+01

2136	415	0.0000e+00	0.0000e+00	0.0000e+00	1.2341e+01	3.1857e+00	-9.4202e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	1.1973e+01	3.9747e+00	-7.8638e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	1.4803e+01	7.4040e+00	-8.0345e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	1.2652e+01	8.5314e+00	-9.5909e+00
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	1.1285e+01	-3.4837e+00	-1.0207e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	8.1196e+00	-1.6765e+00	-8.8374e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	1.0823e+01	2.1582e+00	-8.0272e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	1.1346e+01	2.3597e+00	-9.3972e+00
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	1.1749e+01	-1.2930e+01	-1.1542e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	4.7916e+00	-1.0075e+01	-1.1085e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	6.9453e+00	-4.3538e+00	-9.3830e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	1.0517e+01	-4.8713e+00	-9.8398e+00
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	1.6881e+01	-2.7046e+01	-1.1179e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	4.3510e+00	-2.5103e+01	-1.3900e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	3.5417e+00	-1.5381e+01	-1.2538e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.2198e+01	-1.6138e+01	-9.8166e+00
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	2.4560e+01	-3.8342e+01	4.1340e+00
	422	0.0000e+00	0.0000e+00	0.0000e+00	2.5801e+01	-5.4805e+01	-8.2307e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	2.5027e+00	-3.8166e+01	-1.8343e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	2.2902e+01	-3.4588e+01	-5.9785e+00
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	2.2106e+01	-2.2753e+01	3.1656e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	7.3007e+00	-2.3509e+01	4.3794e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	1.8743e+01	-9.2709e+01	1.7947e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	3.5163e+01	-4.2240e+01	5.8088e+00
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	6.1241e+00	1.6582e+01	8.2410e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	3.8784e+00	2.8248e+01	1.5969e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	1.5564e+01	1.0835e+01	2.4230e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	1.0036e+01	6.1291e+00	1.6502e+01
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	4.5793e+00	2.1893e+01	-1.4087e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	7.8845e+00	2.7132e+01	-3.1948e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	3.5413e+00	3.1726e+01	5.8124e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	5.3177e+00	1.9113e+01	7.5984e+00
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	8.2040e+00	1.6702e+01	-6.7367e+00
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.1624e+01	1.8118e+01	-9.6987e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	7.0531e+00	2.5009e+01	-6.1855e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	6.7971e+00	1.9463e+01	-3.2236e+00
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	1.1402e+01	9.8164e+00	-8.5927e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	1.2490e+01	1.0283e+01	-1.0148e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.1076e+01	1.4936e+01	-9.5460e+00
	406	0.0000e+00	0.0000e+00	0.0000e+00	9.6779e+00	1.4209e+01	-7.9909e+00
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	1.3534e+01	3.4358e+00	-9.0472e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	1.2394e+01	3.9916e+00	-9.9805e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	1.2163e+01	7.7077e+00	-9.8809e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	1.1881e+01	8.0661e+00	-8.9475e+00
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	1.5795e+01	-3.3582e+00	-9.0385e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	1.2661e+01	-2.6303e+00	-1.0285e+01
	415	0.0000e+00	0.0000e+00	0.0000e+00	1.2162e+01	1.5065e+00	-1.0051e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	1.3778e+01	1.7715e+00	-8.8049e+00
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	1.9192e+01	-1.1411e+01	-8.0086e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.4720e+01	-1.1683e+01	-1.0476e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	1.2489e+01	-5.7649e+00	-1.0693e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.6444e+01	-5.6066e+00	-8.2257e+00
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	2.3846e+01	-1.9610e+01	-3.1514e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	2.0424e+01	-2.4909e+01	-7.5183e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.4424e+01	-1.5929e+01	-1.0731e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	2.1033e+01	-1.4861e+01	-6.3645e+00
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	2.7310e+01	-2.2416e+01	8.0036e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	2.5580e+01	-3.5309e+01	4.7915e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.9824e+01	-2.8349e+01	-4.2665e+00
	401	0.0000e+00	0.0000e+00	0.0000e+00	2.6583e+01	-2.3291e+01	-1.0545e+00
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	2.2954e+01	-1.1861e+01	1.6969e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.5268e+01	-1.6080e+01	2.3950e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	2.5566e+01	-3.2860e+01	1.5643e+01

	400	0.0000e+00	0.0000e+00	0.0000e+00	2.6746e+01	-2.0617e+01	8.6623e+00
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	1.1233e+01	8.3896e+00	4.5471e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	7.9655e+00	1.4102e+01	9.5526e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	1.4822e+01	3.8004e+00	1.2966e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	1.4479e+01	2.7473e+00	7.9607e+00
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	8.4858e+00	1.3858e+01	-9.0017e-01
	407	0.0000e+00	0.0000e+00	0.0000e+00	7.3055e+00	1.8554e+01	7.4910e-02
	408	0.0000e+00	0.0000e+00	0.0000e+00	7.7508e+00	1.6718e+01	5.2750e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	1.0009e+01	1.1110e+01	4.3000e+00
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	9.6407e+00	1.3147e+01	-4.7240e+00
	406	0.0000e+00	0.0000e+00	0.0000e+00	9.4538e+00	1.5272e+01	-6.2201e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	6.8915e+00	1.8036e+01	-2.9199e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	9.1835e+00	1.3620e+01	-1.4239e+00
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	1.2483e+01	9.1776e+00	-6.3218e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	1.1837e+01	9.8162e+00	-8.4095e+00
	406	0.0000e+00	0.0000e+00	0.0000e+00	9.3153e+00	1.3441e+01	-7.1843e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	1.0791e+01	1.1652e+01	-5.0966e+00
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	1.5812e+01	3.8929e+00	-6.4308e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	1.4153e+01	3.9841e+00	-8.6708e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	1.1984e+01	7.6141e+00	-8.5109e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	1.3460e+01	7.3884e+00	-6.2709e+00
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	1.9547e+01	-2.1622e+00	-5.5778e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.7011e+01	-2.5618e+00	-8.2244e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	1.4484e+01	1.5222e+00	-8.6113e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	1.6733e+01	1.8893e+00	-5.9647e+00
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	2.3680e+01	-8.5555e+00	-3.4770e+00
	402	0.0000e+00	0.0000e+00	0.0000e+00	2.0956e+01	-1.0291e+01	-6.7018e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.7415e+01	-5.3719e+00	-7.9967e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	2.0712e+01	-4.5413e+00	-4.7719e+00
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	2.7362e+01	-1.3710e+01	6.7398e-01
	401	0.0000e+00	0.0000e+00	0.0000e+00	2.5283e+01	-1.7837e+01	-2.4058e+00
	402	0.0000e+00	0.0000e+00	0.0000e+00	2.1256e+01	-1.3210e+01	-5.5506e+00
	391	0.0000e+00	0.0000e+00	0.0000e+00	2.5173e+01	-1.1105e+01	-2.4708e+00
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	2.8640e+01	-1.4552e+01	6.3233e+00
	400	0.0000e+00	0.0000e+00	0.0000e+00	2.6229e+01	-1.9659e+01	5.7957e+00
	401	0.0000e+00	0.0000e+00	0.0000e+00	2.5344e+01	-1.9638e+01	9.7207e-01
	390	0.0000e+00	0.0000e+00	0.0000e+00	2.8460e+01	-1.5186e+01	1.4997e+00
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	2.5248e+01	-8.7572e+00	9.3665e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	2.0829e+01	-9.1224e+00	1.3353e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	2.6434e+01	-1.8044e+01	1.0515e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	2.7688e+01	-1.2787e+01	6.5294e+00
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	1.5525e+01	4.8305e+00	1.1018e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	1.2497e+01	7.5450e+00	4.5546e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	1.6803e+01	1.8228e+00	6.3595e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	1.8188e+01	9.6049e-01	2.9066e+00
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	1.2895e+01	9.7009e+00	-1.6228e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	1.0590e+01	1.2289e+01	-3.9839e-02
	397	0.0000e+00	0.0000e+00	0.0000e+00	1.2090e+01	9.8477e+00	2.6761e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	1.4589e+01	7.0536e+00	1.0931e+00
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	1.2955e+01	1.0843e+01	-3.3736e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	1.1290e+01	1.2158e+01	-3.8520e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	1.0263e+01	1.2811e+01	-1.9159e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	1.3016e+01	1.0289e+01	-1.4375e+00
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	1.5095e+01	8.8207e+00	-3.7207e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	1.3533e+01	9.0271e+00	-5.5180e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	1.1305e+01	1.1319e+01	-4.8137e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	1.3695e+01	1.0129e+01	-3.0164e+00
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	1.8461e+01	4.7440e+00	-2.9714e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	1.6658e+01	4.2888e+00	-5.5273e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	1.3906e+01	7.3727e+00	-5.7366e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	1.6055e+01	7.3324e+00	-3.1807e+00
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	2.2487e+01	-5.0939e-01	-1.4846e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	2.0461e+01	-1.4734e+00	-4.5292e+00

	393	0.0000e+00	0.0000e+00	0.0000e+00	1.7287e+01	2.1480e+00	-5.3327e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	1.9515e+01	2.7764e+00	-2.2881e+00
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	2.6595e+01	-6.0049e+00	5.9490e-01
	391	0.0000e+00	0.0000e+00	0.0000e+00	2.4589e+01	-7.6265e+00	-2.5626e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	2.1197e+01	-3.8446e+00	-3.9368e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	2.3613e+01	-2.7428e+00	-7.7931e-01
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	2.9773e+01	-1.0238e+01	3.0872e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	2.7867e+01	-1.2453e+01	7.2198e-01
	391	0.0000e+00	0.0000e+00	0.0000e+00	2.5247e+01	-9.7389e+00	-1.2531e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	2.7618e+01	-8.0397e+00	1.1121e+00
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	3.0691e+01	-1.1283e+01	5.1884e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	2.8284e+01	-1.3019e+01	4.9462e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	2.8280e+01	-1.3419e+01	2.9485e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	3.0207e+01	-1.1196e+01	3.1907e+00
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	2.8491e+01	-8.2546e+00	5.3961e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	2.5362e+01	-7.6938e+00	7.6809e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	2.8465e+01	-1.1940e+01	7.1420e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	2.9999e+01	-1.0311e+01	4.8572e+00
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	1.8509e+01	3.1527e+00	-2.0970e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	1.6619e+01	4.4734e+00	7.3259e-01
	387	0.0000e+00	0.0000e+00	0.0000e+00	1.9613e+01	4.8500e-01	1.9361e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	2.1227e+01	-5.7942e-01	-8.9349e-01
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	1.6013e+01	8.3368e+00	-2.9397e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	1.4313e+01	9.1319e+00	-1.1691e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	1.5925e+01	6.5251e+00	-1.5246e-01
	375	0.0000e+00	0.0000e+00	0.0000e+00	1.7973e+01	5.3053e+00	-1.9230e+00
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	1.5690e+01	1.0529e+01	-2.5568e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	1.4177e+01	1.0541e+01	-2.5183e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	1.3918e+01	1.0058e+01	-2.1620e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	1.6026e+01	9.3647e+00	-2.2005e+00
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	1.7364e+01	9.5901e+00	-1.2726e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	1.5963e+01	8.9381e+00	-2.7094e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	1.4248e+01	1.0240e+01	-3.0678e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	1.6179e+01	1.0298e+01	-1.6310e+00
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	2.0398e+01	6.2450e+00	5.4309e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	1.9077e+01	5.1771e+00	-1.8783e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	1.6449e+01	7.7004e+00	-2.7595e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	1.8139e+01	8.3789e+00	-3.3808e-01
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	2.4187e+01	1.3254e+00	2.5549e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	2.2963e+01	8.9597e-02	-4.1586e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	1.9855e+01	3.3304e+00	-1.5654e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	2.1299e+01	4.3728e+00	1.4054e+00
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	2.8090e+01	-4.2167e+00	4.3521e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	2.6950e+01	-5.3339e+00	1.3453e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	2.3900e+01	-2.0363e+00	1.9631e-01
	370	0.0000e+00	0.0000e+00	0.0000e+00	2.5072e+01	-8.7649e-01	3.2031e+00
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	3.1177e+01	-8.9785e+00	5.3312e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	2.9977e+01	-9.5536e+00	3.0876e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	2.7871e+01	-7.2631e+00	2.2890e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	2.8754e+01	-6.2554e+00	4.5326e+00
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	3.2270e+01	-1.1127e+01	4.8325e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	3.0800e+01	-1.0719e+01	4.2996e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	3.0640e+01	-1.0600e+01	4.2767e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	3.1355e+01	-1.0147e+01	4.8096e+00
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	3.0619e+01	-9.4484e+00	2.7965e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	2.9190e+01	-8.0845e+00	4.2786e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	3.0960e+01	-1.0292e+01	5.2195e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	3.1841e+01	-1.0793e+01	3.7374e+00
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	1.8776e+01	2.6006e+00	-5.4584e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	1.9289e+01	2.8656e+00	-2.5428e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	2.1767e+01	-9.9106e-01	-1.6222e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	2.2183e+01	-2.5503e+00	-4.5378e+00
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	1.6434e+01	9.3333e+00	-4.4881e+00



	374	0.0000e+00	0.0000e+00	0.0000e+00	1.6580e+01	8.4012e+00	-2.5707e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	1.8212e+01	5.2371e+00	-3.0753e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	1.8671e+01	5.3049e+00	-4.9927e+00
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	1.6296e+01	1.2249e+01	-1.8888e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	1.6046e+01	1.0868e+01	-1.7322e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	1.6138e+01	9.6134e+00	-2.9939e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	1.6520e+01	1.0733e+01	-3.1505e+00
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	1.7822e+01	1.1692e+01	9.7021e-01
	372	0.0000e+00	0.0000e+00	0.0000e+00	1.7533e+01	1.0074e+01	-2.6397e-01
	373	0.0000e+00	0.0000e+00	0.0000e+00	1.6210e+01	1.0802e+01	-1.8077e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	1.6653e+01	1.2243e+01	-5.7356e-01
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	2.0368e+01	8.5182e+00	3.7340e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	2.0366e+01	6.7755e+00	1.6158e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	1.8086e+01	9.0531e+00	-3.0147e-02
	361	0.0000e+00	0.0000e+00	0.0000e+00	1.8372e+01	1.0573e+01	2.0880e+00
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	2.3511e+01	3.4070e+00	6.2124e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	2.3947e+01	1.8102e+00	3.5840e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	2.1173e+01	5.1028e+00	2.0256e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	2.0979e+01	6.5946e+00	4.6540e+00
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	2.6896e+01	-2.9715e+00	7.8987e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	2.7695e+01	-3.8853e+00	5.1220e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	2.4949e+01	-2.6329e-01	4.0439e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	2.4038e+01	9.5963e-01	6.8206e+00
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	2.9922e+01	-9.4321e+00	7.8561e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	3.0806e+01	-8.9306e+00	5.5072e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	2.8812e+01	-6.0062e+00	5.5275e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	2.7174e+01	-5.5450e+00	7.8765e+00
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	3.1327e+01	-1.3628e+01	5.1650e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	3.2218e+01	-1.1484e+01	4.1981e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	3.1769e+01	-1.0456e+01	5.7647e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	2.9824e+01	-1.1417e+01	6.7317e+00
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	2.9545e+01	-1.2503e+01	4.4562e-01
	366	0.0000e+00	0.0000e+00	0.0000e+00	3.1229e+01	-1.0144e+01	1.7423e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	3.2461e+01	-1.1532e+01	4.1867e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	3.0930e+01	-1.4018e+01	2.8900e+00
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	1.3864e+01	3.3007e+00	-9.3458e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	1.8782e+01	2.2765e+00	-5.7780e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	2.1180e+01	-3.1603e+00	-5.3538e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	1.8667e+01	-5.0252e+00	-8.9216e+00
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	1.2756e+01	1.2825e+01	-5.4888e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	1.5603e+01	1.0086e+01	-3.8476e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	1.7192e+01	5.5210e+00	-6.3527e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	1.4480e+01	7.7469e+00	-7.9940e+00
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	1.3809e+01	1.5611e+01	-6.8722e-01
	362	0.0000e+00	0.0000e+00	0.0000e+00	1.5394e+01	1.3184e+01	-1.0495e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	1.5450e+01	1.1296e+01	-3.8568e+00
	352	0.0000e+00	0.0000e+00	0.0000e+00	1.3022e+01	1.4433e+01	-3.4945e+00
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	1.5392e+01	1.4695e+01	3.0146e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	1.6980e+01	1.2428e+01	1.8063e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	1.5815e+01	1.3016e+01	-6.4152e-01
	351	0.0000e+00	0.0000e+00	0.0000e+00	1.4117e+01	1.5599e+01	5.6673e-01
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	1.7110e+01	1.1211e+01	6.1683e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	1.9371e+01	9.0245e+00	4.5513e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	1.7515e+01	1.1462e+01	2.3282e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	1.5703e+01	1.3681e+01	3.9452e+00
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	1.8863e+01	5.5511e+00	8.8669e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	2.2189e+01	3.6443e+00	7.0002e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	1.9961e+01	7.4716e+00	5.0274e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	1.7323e+01	9.4745e+00	6.8940e+00
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	2.0716e+01	-2.1173e+00	1.0661e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	2.5230e+01	-3.1249e+00	8.5968e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	2.2901e+01	1.5833e+00	7.2609e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	1.8878e+01	3.2233e+00	9.3252e+00

2199	346	0.0000e+00	0.0000e+00	0.0000e+00	2.2796e+01	-1.1316e+01	1.0377e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	2.8206e+01	-1.0163e+01	8.2116e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	2.6194e+01	-5.5992e+00	8.4097e+00
	347	0.0000e+00	0.0000e+00	0.0000e+00	2.0438e+01	-4.8382e+00	1.0575e+01
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	2.4513e+01	-1.9536e+01	6.1691e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	3.0213e+01	-1.5068e+01	4.6046e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	2.9367e+01	-1.2576e+01	7.4293e+00
	346	0.0000e+00	0.0000e+00	0.0000e+00	2.2201e+01	-1.3707e+01	8.9939e+00
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	2.1867e+01	-1.8981e+01	-2.4961e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	2.9616e+01	-1.4425e+01	-1.0107e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	3.0708e+01	-1.5878e+01	3.5479e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	2.3773e+01	-2.0357e+01	2.0625e+00
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	5.1561e-01	1.0204e+01	-1.2841e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	1.1393e+01	3.5565e+00	-8.5192e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	1.4633e+01	-6.2988e+00	-9.7973e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	5.9978e+00	-1.0413e+01	-1.4119e+01
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	5.4605e+00	1.8334e+01	-2.9851e+00
	352	0.0000e+00	0.0000e+00	0.0000e+00	9.6349e+00	1.4984e+01	-4.1818e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	1.0134e+01	7.9013e+00	-9.4571e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	2.5457e+00	1.5005e+01	-8.2604e+00
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	8.1450e+00	1.9805e+01	1.5313e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	1.1625e+01	1.6873e+01	8.4605e-02
	352	0.0000e+00	0.0000e+00	0.0000e+00	1.0856e+01	1.5095e+01	-3.3286e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	5.9942e+00	1.8928e+01	-1.8819e+00
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	9.4310e+00	1.8521e+01	4.5927e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	1.3450e+01	1.5383e+01	3.5929e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	1.2472e+01	1.6427e+01	9.4016e-01
	337	0.0000e+00	0.0000e+00	0.0000e+00	8.3906e+00	1.8546e+01	1.9400e+00
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	9.6787e+00	1.5143e+01	7.2661e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	1.4853e+01	1.1511e+01	6.6601e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	1.4033e+01	1.4570e+01	4.2529e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	9.2754e+00	1.5709e+01	4.8589e+00
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	8.9946e+00	9.6246e+00	9.6058e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	1.5935e+01	5.4521e+00	9.3483e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	1.5346e+01	1.0331e+01	7.1017e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	9.0632e+00	1.0611e+01	7.3591e+00
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	7.4798e+00	1.7481e+00	1.1308e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	1.6885e+01	-2.7822e+00	1.1297e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	1.6506e+01	3.8532e+00	9.4257e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	7.8372e+00	3.0322e+00	9.4362e+00
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	5.6219e+00	-8.6472e+00	1.1571e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	1.8205e+01	-1.2806e+01	1.1441e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	1.7860e+01	-4.9202e+00	1.0630e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	5.7046e+00	-7.4703e+00	1.0760e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	6.2078e+00	-2.0969e+01	8.0350e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	1.9385e+01	-2.2092e+01	7.0186e+00
	346	0.0000e+00	0.0000e+00	0.0000e+00	2.0375e+01	-1.5521e+01	9.4903e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	3.1656e+00	-2.1542e+01	1.0507e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	1.0041e+00	-2.6310e+01	-6.5387e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	2.0089e+01	-2.2837e+01	-4.3567e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	2.3145e+01	-2.4657e+01	4.2064e+00
	325	0.0000e+00	0.0000e+00	0.0000e+00	2.3525e+00	-3.8154e+01	2.0244e+00
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	-6.0441e+00	2.3874e+01	1.9884e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-9.7807e+00	1.6435e+01	-7.0737e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	5.9119e-01	-1.2203e+01	-2.2937e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-3.4707e+01	1.1796e+01	-1.3875e+01
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	-2.0980e+00	2.4095e+01	1.4706e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	1.2316e+00	2.0416e+01	-2.0500e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-2.6772e+00	1.5391e+01	-4.9772e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	-5.2949e+00	1.7513e+01	-1.4566e+00
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	-8.1924e-01	2.0672e+01	2.6466e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	5.1932e+00	2.0093e+01	1.3078e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	3.2748e+00	1.9709e+01	-2.6369e-01

	340	0.0000e+00	0.0000e+00	0.0000e+00	-1.6030e+00	2.2244e+01	1.0751e+00
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	-1.4643e+00	1.4652e+01	3.8028e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	6.7355e+00	1.8131e+01	3.3849e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	4.8861e+00	1.9451e+01	2.1025e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-4.5837e-01	2.5473e+01	2.5203e+00
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	-3.8431e+00	5.9597e+00	4.7125e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	6.8892e+00	1.4101e+01	4.9496e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	4.6708e+00	1.6839e+01	3.8666e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-1.1461e+00	2.7126e+01	3.6295e+00
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-8.2288e+00	-5.9863e+00	5.0638e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	5.8176e+00	7.7289e+00	5.9910e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	3.0174e+00	1.2022e+01	5.2290e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-3.5572e+00	2.7248e+01	4.3018e+00
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.5230e+01	-2.2017e+01	4.4453e+00
	329	0.0000e+00	0.0000e+00	0.0000e+00	3.4753e+00	-1.4055e+00	6.2272e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	-1.3358e-01	4.7756e+00	6.0070e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	-8.0248e+00	2.5824e+01	4.2251e+00
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-2.5873e+01	-4.3277e+01	2.2751e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	6.5154e-02	-1.3812e+01	5.0786e+00
	329	0.0000e+00	0.0000e+00	0.0000e+00	-4.9399e+00	-5.3404e+00	5.7424e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.5210e+01	2.2809e+01	2.9389e+00
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-4.1397e+01	-7.1735e+01	-2.3841e+00
	325	0.0000e+00	0.0000e+00	0.0000e+00	-3.0499e+00	-2.9673e+01	1.1584e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	-1.1152e+01	-1.9045e+01	3.4506e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-2.6146e+01	1.8473e+01	-9.1885e-02
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.3713e+01	-1.1478e+02	-1.3787e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	1.8795e+01	-3.6484e+01	-1.4820e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-1.4761e+01	-4.3018e+01	-6.5237e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	-4.2242e+01	1.8840e+01	-5.4912e+00
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	2.1110e+01	1.2678e+02	1.0060e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	9.8162e+01	1.3499e+01	-1.8757e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	1.1065e+02	3.4664e+02	7.2961e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	-4.9545e+01	5.1583e+01	1.0178e+02
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	3.8203e+01	2.9850e+01	-1.1107e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	5.1287e+01	2.9313e+01	-8.1991e-01
	323	0.0000e+00	0.0000e+00	0.0000e+00	6.6132e+01	6.3612e+01	-3.2721e+00
	313	0.0000e+00	0.0000e+00	0.0000e+00	4.4121e+01	6.7934e+01	-1.3559e+01
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	2.8289e+01	1.4323e+01	-8.3200e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	3.3116e+01	1.3907e+01	-6.1849e-01
	322	0.0000e+00	0.0000e+00	0.0000e+00	4.3831e+01	2.6490e+01	-2.6929e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	3.3117e+01	3.0185e+01	-1.0395e+01
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	2.0439e+01	6.3470e+00	-6.6855e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	2.2561e+01	6.4500e+00	-1.3194e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	2.9157e+01	1.2781e+01	-2.0829e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	2.4674e+01	1.4397e+01	-7.4491e+00
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	1.4470e+01	8.9657e-01	-6.2026e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	1.5194e+01	1.3750e+00	-2.1338e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	1.9970e+01	5.7298e+00	-2.1549e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	1.7907e+01	6.2501e+00	-6.2237e+00
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	9.3405e+00	-4.7742e+00	-6.7167e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	8.6328e+00	-3.7411e+00	-3.0092e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	1.3066e+01	6.7949e-01	-2.4848e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	1.2390e+01	6.7334e-01	-6.1923e+00
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	4.1099e+00	-1.3371e+01	-8.4070e+00
	317	0.0000e+00	0.0000e+00	0.0000e+00	7.1164e-01	-1.1189e+01	-4.1400e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	6.3102e+00	-4.7930e+00	-2.8672e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	7.1238e+00	-5.1342e+00	-7.1342e+00
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	-1.4371e+00	-2.9600e+01	-1.1748e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.1471e+01	-2.5134e+01	-6.0676e+00
	317	0.0000e+00	0.0000e+00	0.0000e+00	-2.6379e+00	-1.3068e+01	-3.4361e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	1.1949e+00	-1.3817e+01	-9.1166e+00
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	-4.7702e+00	-6.6349e+01	-1.4840e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-3.0854e+01	-6.1117e+01	-8.4464e+00

	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.7740e+01	-2.9373e+01	-5.1374e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	-4.9789e+00	-3.0699e+01	-1.1531e+01
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	7.9294e+01	-4.1343e+01	1.0247e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	-3.8297e+01	-3.2924e+02	6.3775e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-5.8940e+01	-2.0589e+01	-2.9674e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	2.1831e+01	-1.2329e+02	9.0239e+00
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	-4.5967e+00	4.2336e+01	5.3827e+00
	313	0.0000e+00	0.0000e+00	0.0000e+00	1.2647e+01	9.2523e+01	1.8383e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	2.4998e+01	2.3880e+01	4.4214e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	9.2906e+00	2.2873e+01	3.1214e+01
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	6.1881e+00	3.4869e+01	-5.9550e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	2.5651e+01	3.8579e+01	-1.6506e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	4.6293e+00	5.3616e+01	-7.0247e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	5.9140e+00	3.8535e+01	3.5262e+00
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	1.4802e+01	1.8191e+01	-9.7011e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	2.2696e+01	1.7659e+01	-1.1012e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	2.3435e+01	2.6399e+01	-1.2230e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	1.1418e+01	2.8282e+01	-1.0920e+01
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	1.5163e+01	8.1002e+00	-9.7619e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	1.8180e+01	7.8228e+00	-8.4847e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	2.1108e+01	1.3013e+01	-9.9126e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.4813e+01	1.5565e+01	-1.1190e+01
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	1.3849e+01	1.2302e+00	-9.3436e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	1.3902e+01	1.6627e+00	-7.7230e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	1.6827e+01	5.4408e+00	-8.2740e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	1.4196e+01	6.9653e+00	-9.8947e+00
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	1.2850e+01	-5.4781e+00	-9.5501e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	1.0212e+01	-4.1057e+00	-8.2958e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	1.2744e+01	-2.3955e-01	-7.8814e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	1.2849e+01	3.1147e-01	-9.1356e+00
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	1.3499e+01	-1.4380e+01	-1.0239e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	7.4037e+00	-1.2124e+01	-1.0033e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	9.1423e+00	-6.7273e+00	-8.8113e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	1.2176e+01	-6.8930e+00	-9.0173e+00
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	1.8658e+01	-2.7100e+01	-9.1456e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	7.8261e+00	-2.6022e+01	-1.2128e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	6.3693e+00	-1.7126e+01	-1.1404e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	1.4096e+01	-1.7482e+01	-8.4221e+00
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	2.6078e+01	-3.5923e+01	6.5579e+00
	305	0.0000e+00	0.0000e+00	0.0000e+00	2.9285e+01	-5.3205e+01	-5.5408e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	6.2835e+00	-3.8087e+01	-1.6190e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	2.4661e+01	-3.4265e+01	-4.0911e+00
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	2.2351e+01	-1.8129e+01	3.2119e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	1.1503e+01	-1.7698e+01	4.4543e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	2.3304e+01	-8.7321e+01	2.0156e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	3.5627e+01	-3.8559e+01	7.7313e+00
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	6.2449e+00	2.0486e+01	6.7958e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	5.5393e+00	3.2988e+01	1.4640e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	1.6604e+01	1.6106e+01	2.3392e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	1.1013e+01	1.1264e+01	1.5548e+01
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	4.9097e+00	2.4144e+01	-2.9309e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	9.5460e+00	2.9068e+01	-4.9264e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	4.9566e+00	3.5606e+01	4.1065e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	5.4715e+00	2.2629e+01	6.1019e+00
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	8.7198e+00	1.7158e+01	-7.9030e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.3092e+01	1.8131e+01	-1.0943e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	8.4601e+00	2.6274e+01	-7.8426e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	7.2158e+00	2.1102e+01	-4.8025e+00
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	1.1964e+01	9.1019e+00	-9.1519e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	1.3744e+01	9.0845e+00	-1.0707e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.2392e+01	1.4460e+01	-1.0631e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	1.0177e+01	1.4292e+01	-9.0758e+00
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	1.4072e+01	2.1226e+00	-8.9535e+00

	299	0.0000e+00	0.0000e+00	0.0000e+00	1.3553e+01	2.1844e+00	-9.8849e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	1.3346e+01	6.2505e+00	-1.0302e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	1.2399e+01	7.1394e+00	-9.3709e+00
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	1.6258e+01	-4.7546e+00	-8.3176e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	1.3843e+01	-4.5407e+00	-9.5585e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	1.3313e+01	-3.7587e-01	-9.8237e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	1.4284e+01	3.6356e-01	-8.5828e+00
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	1.9441e+01	-1.2341e+01	-6.7410e+00
	297	0.0000e+00	0.0000e+00	0.0000e+00	1.5935e+01	-1.3133e+01	-9.1191e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	1.3706e+01	-7.5541e+00	-9.8125e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	1.6871e+01	-6.9715e+00	-7.4344e+00
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	2.3559e+01	-1.9463e+01	-1.5870e+00
	296	0.0000e+00	0.0000e+00	0.0000e+00	2.1445e+01	-2.5101e+01	-5.6172e+00
	297	0.0000e+00	0.0000e+00	0.0000e+00	1.5704e+01	-1.6988e+01	-9.1799e+00
	287	0.0000e+00	0.0000e+00	0.0000e+00	2.1166e+01	-1.5566e+01	-5.1497e+00
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	2.6047e+01	-2.0760e+01	9.1932e+00
	295	0.0000e+00	0.0000e+00	0.0000e+00	2.5791e+01	-3.3251e+01	6.7472e+00
	296	0.0000e+00	0.0000e+00	0.0000e+00	2.0922e+01	-2.7859e+01	-2.1891e+00
	286	0.0000e+00	0.0000e+00	0.0000e+00	2.5978e+01	-2.2640e+01	2.5689e-01
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	2.0442e+01	-9.0602e+00	1.6932e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	1.4997e+01	-1.2400e+01	2.4571e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	2.5889e+01	-2.9807e+01	1.7102e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	2.4969e+01	-1.8344e+01	9.4625e+00
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	1.0281e+01	1.2023e+01	3.0818e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	7.9432e+00	1.7922e+01	8.1077e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	1.4502e+01	8.5669e+00	1.1781e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	1.3867e+01	7.1864e+00	6.7552e+00
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	7.6291e+00	1.6221e+01	-2.3303e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	7.3258e+00	2.0738e+01	-1.4957e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	7.5730e+00	2.0095e+01	3.6569e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	9.0663e+00	1.4400e+01	2.8223e+00
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	8.9863e+00	1.4151e+01	-5.7845e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	9.5737e+00	1.5867e+01	-7.4650e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	6.7695e+00	1.9673e+01	-4.5037e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	8.3985e+00	1.5521e+01	-2.8231e+00
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	1.1976e+01	9.1236e+00	-6.8279e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	1.1995e+01	9.2802e+00	-9.0295e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	9.3603e+00	1.3612e+01	-8.2810e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	1.0167e+01	1.2285e+01	-6.0794e+00
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	1.5320e+01	3.1927e+00	-6.3598e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	1.4292e+01	2.8165e+00	-8.6241e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	1.2108e+01	6.8229e+00	-8.9500e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	1.2933e+01	7.0926e+00	-6.6856e+00
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	1.8896e+01	-3.0775e+00	-5.0229e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	1.7044e+01	-3.8772e+00	-7.5759e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	1.4611e+01	2.7297e-01	-8.3859e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	1.6176e+01	1.0785e+00	-5.8329e+00
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	2.2619e+01	-9.2508e+00	-2.6510e+00
	287	0.0000e+00	0.0000e+00	0.0000e+00	2.0690e+01	-1.1234e+01	-5.5951e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	1.7437e+01	-6.5811e+00	-7.1798e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	1.9931e+01	-5.4231e+00	-4.2358e+00
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	2.5551e+01	-1.3784e+01	1.3839e+00
	286	0.0000e+00	0.0000e+00	0.0000e+00	2.4380e+01	-1.7840e+01	-1.1425e+00
	287	0.0000e+00	0.0000e+00	0.0000e+00	2.0962e+01	-1.3831e+01	-4.3179e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	2.3871e+01	-1.1594e+01	-1.7915e+00
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	2.5713e+01	-1.3782e+01	6.3485e+00
	285	0.0000e+00	0.0000e+00	0.0000e+00	2.4331e+01	-1.8353e+01	6.6428e+00
	286	0.0000e+00	0.0000e+00	0.0000e+00	2.4373e+01	-1.9121e+01	2.2026e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	2.6264e+01	-1.4892e+01	1.9082e+00
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	2.0892e+01	-7.3223e+00	8.2114e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	1.7940e+01	-6.9354e+00	1.3091e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	2.4384e+01	-1.6168e+01	1.0998e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	2.4297e+01	-1.1633e+01	6.1180e+00

2262	273	0.0000e+00	0.0000e+00	0.0000e+00	1.3834e+01	8.4169e+00	-4.5473e-01
	283	0.0000e+00	0.0000e+00	0.0000e+00	1.1392e+01	1.1106e+01	3.0759e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	1.5640e+01	6.0986e+00	4.9317e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	1.6712e+01	5.1099e+00	1.4011e+00
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	1.1227e+01	1.2292e+01	-2.9582e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	9.5069e+00	1.4643e+01	-1.4676e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	1.0855e+01	1.3095e+01	1.0926e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	1.2887e+01	1.0372e+01	-3.9796e-01
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	1.1437e+01	1.2313e+01	-4.2953e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	1.0337e+01	1.3254e+01	-4.9400e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	9.0974e+00	1.4766e+01	-3.3291e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	1.1375e+01	1.2514e+01	-2.6844e+00
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	1.3703e+01	9.3039e+00	-4.1550e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	1.2682e+01	9.1022e+00	-6.0786e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	1.0315e+01	1.2062e+01	-5.7755e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	1.2187e+01	1.1259e+01	-3.8519e+00
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	1.7065e+01	4.5027e+00	-2.9686e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	1.5801e+01	3.6960e+00	-5.5444e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	1.3040e+01	7.2028e+00	-6.1312e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	1.4627e+01	7.5590e+00	-3.5554e+00
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	2.0885e+01	-1.1672e+00	-1.2122e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	1.9424e+01	-2.3445e+00	-4.1224e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	1.6414e+01	1.4463e+00	-5.1922e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	1.8020e+01	2.3892e+00	-2.2820e+00
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	2.4526e+01	-6.7780e+00	8.4262e-01
	277	0.0000e+00	0.0000e+00	0.0000e+00	2.3120e+01	-8.3744e+00	-1.9778e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	2.0125e+01	-4.6762e+00	-3.4161e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	2.1829e+01	-3.4223e+00	-5.9565e-01
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	2.6925e+01	-1.0873e+01	2.8754e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	2.5648e+01	-1.2714e+01	1.0882e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	2.3704e+01	-1.0298e+01	-6.4498e-01
	267	0.0000e+00	0.0000e+00	0.0000e+00	2.5261e+01	-8.7046e+00	1.1422e+00
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	2.6726e+01	-1.1627e+01	3.9892e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	2.4998e+01	-1.2610e+01	4.5624e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	2.5921e+01	-1.3368e+01	3.1810e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	2.6961e+01	-1.1614e+01	2.6078e+00
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	2.2991e+01	-8.3130e+00	2.7529e+00
	173	0.0000e+00	0.0000e+00	0.0000e+00	2.0823e+01	-6.7792e+00	6.0573e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	2.4927e+01	-1.1182e+01	6.4304e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	2.5557e+01	-1.0388e+01	3.1260e+00
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	1.6274e+01	6.9474e+00	-3.7946e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	1.4784e+01	8.0504e+00	-8.3574e-01
	274	0.0000e+00	0.0000e+00	0.0000e+00	1.7885e+01	4.6013e+00	2.1567e-01
	264	0.0000e+00	0.0000e+00	0.0000e+00	1.9144e+01	3.6206e+00	-2.7432e+00
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	1.3755e+01	1.1287e+01	-4.2216e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	1.2447e+01	1.1771e+01	-2.4992e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	1.3974e+01	9.8815e+00	-1.7569e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	1.5705e+01	8.8951e+00	-3.4794e+00
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	1.3535e+01	1.2438e+01	-3.3636e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	1.2410e+01	1.2102e+01	-3.4584e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	1.2000e+01	1.2374e+01	-3.4396e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	1.3753e+01	1.2001e+01	-3.3447e+00
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	1.5290e+01	1.0482e+01	-1.6589e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	1.4287e+01	9.5154e+00	-3.2028e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	1.2465e+01	1.1482e+01	-3.8908e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	1.3996e+01	1.1879e+01	-2.3469e+00
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	1.8277e+01	6.2724e+00	4.3748e-01
	269	0.0000e+00	0.0000e+00	0.0000e+00	1.7376e+01	4.9946e+00	-1.9870e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	1.4765e+01	8.0253e+00	-3.1184e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	1.5995e+01	8.9897e+00	-6.9391e-01
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	2.1825e+01	6.8351e-01	2.5010e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	2.1049e+01	-5.7935e-01	-3.2141e-01
	269	0.0000e+00	0.0000e+00	0.0000e+00	1.8133e+01	2.9933e+00	-1.5675e+00

	259	0.0000e+00	0.0000e+00	0.0000e+00	1.9044e+01	4.2000e+00	1.2549e+00
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	2.5259e+01	-5.3528e+00	4.0136e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	2.4579e+01	-6.2199e+00	1.3344e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	2.1936e+01	-2.7561e+00	3.2763e-01
	258	0.0000e+00	0.0000e+00	0.0000e+00	2.2494e+01	-1.6279e+00	3.0068e+00
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	2.7624e+01	-1.0482e+01	4.2488e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	2.6873e+01	-1.0434e+01	2.5277e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	2.5410e+01	-8.1059e+00	2.2022e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	2.5613e+01	-7.4131e+00	3.9233e+00
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	2.7717e+01	-1.2897e+01	2.4510e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	2.6657e+01	-1.1463e+01	2.6533e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	2.7381e+01	-1.1360e+01	3.4944e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	2.7401e+01	-1.1593e+01	3.2920e+00
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	2.4593e+01	-1.1353e+01	-1.4207e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	2.3752e+01	-8.6690e+00	1.0617e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	2.6552e+01	-1.0865e+01	3.1997e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	2.6804e+01	-1.2419e+01	7.1729e-01
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	1.6080e+01	6.8633e+00	-7.2954e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	1.6880e+01	6.7305e+00	-4.2488e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	1.9587e+01	3.2723e+00	-3.6896e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	1.9523e+01	2.0313e+00	-6.7362e+00
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	1.3745e+01	1.2780e+01	-5.7192e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	1.4123e+01	1.1466e+01	-3.8489e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	1.5709e+01	8.9274e+00	-4.7503e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	1.5934e+01	9.4004e+00	-6.6206e+00
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	1.3711e+01	1.4579e+01	-2.5950e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	1.3673e+01	1.2880e+01	-2.5657e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	1.3662e+01	1.2365e+01	-4.1767e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	1.3781e+01	1.3859e+01	-4.2060e+00
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	1.5276e+01	1.2868e+01	5.9489e-01
	260	0.0000e+00	0.0000e+00	0.0000e+00	1.5230e+01	1.1032e+01	-7.2605e-01
	261	0.0000e+00	0.0000e+00	0.0000e+00	1.3840e+01	1.2486e+01	-2.5221e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	1.4000e+01	1.4211e+01	-1.2011e+00
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	1.7712e+01	8.6289e+00	3.4725e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	1.8006e+01	6.8113e+00	1.3780e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	1.5775e+01	9.7302e+00	-3.8804e-01
	250	0.0000e+00	0.0000e+00	0.0000e+00	1.5716e+01	1.1413e+01	1.7064e+00
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	2.0555e+01	2.5672e+00	5.8010e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	2.1345e+01	1.0957e+00	3.3378e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	1.8778e+01	4.9280e+00	1.8391e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	1.8150e+01	6.4267e+00	4.3023e+00
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	2.3452e+01	-4.6910e+00	6.9977e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	2.4641e+01	-5.1997e+00	4.5307e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	2.2278e+01	-1.1218e+00	3.7588e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	2.0836e+01	-1.0055e-01	6.2257e+00
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	2.5835e+01	-1.2037e+01	6.0164e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	2.7091e+01	-1.0743e+01	4.1049e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	2.5660e+01	-7.4208e+00	4.7678e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	2.3408e+01	-7.4403e+00	6.6793e+00
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	2.6466e+01	-1.7140e+01	1.7931e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	2.7604e+01	-1.3710e+01	1.3936e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	2.7924e+01	-1.2345e+01	4.0397e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	2.5339e+01	-1.4160e+01	4.4392e+00
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	2.3484e+01	-1.6707e+01	-5.1654e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	2.5504e+01	-1.2623e+01	-3.0560e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	2.7643e+01	-1.3804e+01	9.0888e-01
	245	0.0000e+00	0.0000e+00	0.0000e+00	2.5603e+01	-1.7577e+01	-1.2005e+00
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	1.0777e+01	8.3405e+00	-1.1242e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	1.5859e+01	6.6890e+00	-7.6031e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	1.8575e+01	1.5671e+00	-7.7346e+00
	244	0.0000e+00	0.0000e+00	0.0000e+00	1.5407e+01	1.7633e-01	-1.1374e+01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	9.8716e+00	1.6815e+01	-6.5701e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	1.2715e+01	1.3726e+01	-5.0793e+00

	253	0.0000e+00	0.0000e+00	0.0000e+00	1.4215e+01	9.7630e+00	-8.0878e+00
	243	0.0000e+00	0.0000e+00	0.0000e+00	1.1381e+01	1.2636e+01	-9.5786e+00
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	1.1075e+01	1.8247e+01	-1.2883e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	1.2643e+01	1.5626e+01	-1.8133e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	1.2588e+01	1.4556e+01	-4.9353e+00
	242	0.0000e+00	0.0000e+00	0.0000e+00	1.0070e+01	1.8122e+01	-4.4103e+00
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	1.2636e+01	1.5955e+01	2.5867e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	1.4282e+01	1.3636e+01	1.3150e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	1.3068e+01	1.5079e+01	-1.2749e+00
	241	0.0000e+00	0.0000e+00	0.0000e+00	1.1283e+01	1.7892e+01	-3.2029e-03
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	1.4136e+01	1.1169e+01	5.6633e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	1.6557e+01	9.0875e+00	4.1178e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	1.4780e+01	1.2341e+01	1.9154e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	1.2795e+01	1.4624e+01	3.4610e+00
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	1.5476e+01	4.2758e+00	8.0222e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	1.9069e+01	2.6671e+00	6.3658e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	1.7067e+01	7.2646e+00	4.5963e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	1.4134e+01	9.1626e+00	6.2527e+00
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	1.6748e+01	-4.6218e+00	9.1708e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	2.1627e+01	-5.0879e+00	7.4358e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	1.9661e+01	3.7913e-01	6.5259e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	1.5212e+01	1.7162e+00	8.2610e+00
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	1.8155e+01	-1.5157e+01	7.8716e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	2.4001e+01	-1.3135e+01	6.0983e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	2.2446e+01	-7.7828e+00	7.0080e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	1.6131e+01	-7.5638e+00	8.7813e+00
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	1.9355e+01	-2.4987e+01	2.1397e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	2.5324e+01	-1.9088e+01	9.1820e-01
	246	0.0000e+00	0.0000e+00	0.0000e+00	2.5036e+01	-1.5820e+01	4.8914e+00
	236	0.0000e+00	0.0000e+00	0.0000e+00	1.7178e+01	-1.7794e+01	6.1129e+00
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	1.6018e+01	-2.5971e+01	-9.0123e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	2.4059e+01	-1.9268e+01	-7.1058e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	2.5756e+01	-2.0251e+01	-7.5232e-01
	235	0.0000e+00	0.0000e+00	0.0000e+00	1.8168e+01	-2.6139e+01	-2.6589e+00
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	-2.4635e+00	1.6629e+01	-1.4260e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	7.9423e+00	8.9280e+00	-1.0224e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	1.1824e+01	-8.4807e-01	-1.2578e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	1.7998e+00	-3.8855e+00	-1.6613e+01
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	2.9570e+00	2.3262e+01	-3.6966e+00
	242	0.0000e+00	0.0000e+00	0.0000e+00	6.5565e+00	1.9248e+01	-5.2216e+00
	243	0.0000e+00	0.0000e+00	0.0000e+00	6.9536e+00	1.2950e+01	-1.0978e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-5.1800e-01	2.0344e+01	-9.4534e+00
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	5.7667e+00	2.3021e+01	1.0267e+00
	241	0.0000e+00	0.0000e+00	0.0000e+00	8.7852e+00	1.9618e+01	-5.6955e-01
	242	0.0000e+00	0.0000e+00	0.0000e+00	7.9912e+00	1.8900e+01	-4.1405e+00
	230	0.0000e+00	0.0000e+00	0.0000e+00	3.3388e+00	2.2575e+01	-2.5442e+00
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	6.8786e+00	2.0094e+01	4.0113e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	1.0606e+01	1.6645e+01	3.0480e+00
	241	0.0000e+00	0.0000e+00	0.0000e+00	9.7336e+00	1.8779e+01	4.2392e-01
	228	0.0000e+00	0.0000e+00	0.0000e+00	5.8069e+00	2.0530e+01	1.3873e+00
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	6.7218e+00	1.5175e+01	6.3963e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	1.1775e+01	1.1385e+01	5.9857e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	1.1213e+01	1.5504e+01	3.7584e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	6.4541e+00	1.6128e+01	4.1690e+00
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	5.4418e+00	8.1650e+00	8.2161e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	1.2420e+01	4.0036e+00	8.2899e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	1.2237e+01	9.9281e+00	6.3864e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	5.7739e+00	9.5392e+00	6.3126e+00
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	3.1715e+00	-1.2205e+00	9.1367e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	1.2768e+01	-5.5590e+00	9.5672e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	1.2916e+01	2.1589e+00	8.2233e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	3.8922e+00	4.8371e-01	7.7928e+00
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	4.2659e-01	-1.3225e+01	8.3547e+00



	236	0.0000e+00	0.0000e+00	0.0000e+00	1.3409e+01	-1.7033e+01	8.7269e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	1.3631e+01	-7.9419e+00	8.6294e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	9.5622e-01	-1.1557e+01	8.2572e+00
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	3.1939e-01	-2.7438e+01	3.5721e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	1.3931e+01	-2.8074e+01	2.9465e+00
	236	0.0000e+00	0.0000e+00	0.0000e+00	1.5472e+01	-2.0033e+01	6.3330e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	-2.4839e+00	-2.7381e+01	6.9587e+00
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	-5.1553e+00	-3.6311e+01	-1.3197e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	1.4737e+01	-3.0555e+01	-1.1114e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	1.7950e+01	-3.1380e+01	-6.5938e-01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-4.1632e+00	-4.6344e+01	-2.7426e+00
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	-7.8650e+00	2.7108e+01	1.6940e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	-1.2613e+01	2.3204e+01	-8.9993e+00
	234	0.0000e+00	0.0000e+00	0.0000e+00	-3.5152e+00	-5.3063e+00	-2.5479e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.8545e+01	2.3449e+01	-1.4786e+01
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	-3.5436e+00	2.5125e+01	7.5219e-01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-6.1611e-01	2.5322e+01	-3.4240e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	-6.1433e+00	2.1133e+01	-6.3754e+00
	233	0.0000e+00	0.0000e+00	0.0000e+00	-6.4454e+00	2.7179e+01	-2.1992e+00
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	-2.4565e+00	1.9936e+01	1.6927e+00
	228	0.0000e+00	0.0000e+00	0.0000e+00	3.4773e+00	2.3103e+01	1.0135e-01
	230	0.0000e+00	0.0000e+00	0.0000e+00	4.7603e-01	2.3706e+01	-1.3562e+00
	231	0.0000e+00	0.0000e+00	0.0000e+00	-2.6671e+00	2.9762e+01	2.3508e-01
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	-3.5845e+00	1.2241e+01	2.5196e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	4.7698e+00	1.9424e+01	2.0694e+00
	228	0.0000e+00	0.0000e+00	0.0000e+00	2.1167e+00	2.1700e+01	1.0042e+00
	229	0.0000e+00	0.0000e+00	0.0000e+00	-1.8401e+00	3.0994e+01	1.4545e+00
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-6.6522e+00	1.8637e+00	2.9476e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	4.4469e+00	1.3780e+01	3.3036e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	1.6108e+00	1.7441e+01	2.5600e+00
	227	0.0000e+00	0.0000e+00	0.0000e+00	-3.0975e+00	3.0831e+01	2.2040e+00
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.1882e+01	-1.1856e+01	2.6196e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	2.7322e+00	5.8375e+00	3.7736e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	-5.6373e-01	1.1046e+01	3.5008e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	-6.2567e+00	2.9280e+01	2.3468e+00
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.9832e+01	-2.9805e+01	1.0902e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	-3.8571e-01	-4.8962e+00	3.1688e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	-4.4210e+00	2.2313e+00	3.6116e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.1601e+01	2.6263e+01	1.5330e+00
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-3.1493e+01	-5.3170e+01	-2.2425e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	-4.6921e+00	-1.9014e+01	9.0365e-01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-1.0091e+01	-9.5020e+00	2.4127e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.9744e+01	2.1663e+01	-7.3346e-01
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-4.8141e+01	-8.3961e+01	-8.2727e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	-8.9939e+00	-3.6968e+01	-4.2680e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	-1.7360e+01	-2.4889e+01	-1.0274e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	-3.1692e+01	1.5680e+01	-5.0321e+00
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.5367e+01	-1.3008e+02	-2.0450e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	1.4981e+01	-4.7491e+01	-2.0933e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-2.2458e+01	-5.1411e+01	-1.2686e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	-4.8903e+01	1.4833e+01	-1.2203e+01
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	4.2966e+00	1.1089e+02	1.2377e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	9.6228e+01	2.4558e+01	-1.7251e+01
	13	0.0000e+00	0.0000e+00	0.0000e+00	9.2407e+01	3.2124e+02	7.3863e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	-4.6245e+01	3.6280e+01	1.0349e+02
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	3.4326e+01	2.7268e+01	-6.3882e+00
	214	0.0000e+00	0.0000e+00	0.0000e+00	4.6475e+01	2.3200e+01	1.1682e+00
	215	0.0000e+00	0.0000e+00	0.0000e+00	6.5025e+01	5.7633e+01	-2.4345e+00
	205	0.0000e+00	0.0000e+00	0.0000e+00	2.9641e+01	6.1420e+01	-9.9909e+00
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	2.6122e+01	7.9649e+00	-5.6608e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	3.0904e+01	7.8654e+00	1.3878e+00
	214	0.0000e+00	0.0000e+00	0.0000e+00	3.9945e+01	2.1750e+01	-3.7867e-01
	204	0.0000e+00	0.0000e+00	0.0000e+00	3.0015e+01	2.5502e+01	-7.4273e+00

2325	202	0.0000e+00	0.0000e+00	0.0000e+00	1.8681e+01	-3.7392e+00	-4.3308e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	2.0973e+01	-3.5974e+00	1.0352e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	2.6863e+01	5.4577e+00	2.7128e-01
	203	0.0000e+00	0.0000e+00	0.0000e+00	2.2636e+01	7.2648e+00	-5.0947e+00
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	1.2608e+01	-1.4218e+01	-3.6889e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	1.3660e+01	-1.3886e+01	5.1538e-01
	212	0.0000e+00	0.0000e+00	0.0000e+00	1.8053e+01	-5.9176e+00	3.2458e-01
	202	0.0000e+00	0.0000e+00	0.0000e+00	1.5930e+01	-5.1698e+00	-3.8797e+00
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	7.4732e+00	-2.5338e+01	-3.6132e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	7.5448e+00	-2.4743e+01	-1.0220e-01
	211	0.0000e+00	0.0000e+00	0.0000e+00	1.1195e+01	-1.6382e+01	5.6280e-02
	201	0.0000e+00	0.0000e+00	0.0000e+00	1.0265e+01	-1.6133e+01	-3.4548e+00
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	3.0354e+00	-3.8423e+01	-3.9048e+00
	209	0.0000e+00	0.0000e+00	0.0000e+00	1.7179e+00	-3.7448e+01	-7.9283e-01
	210	0.0000e+00	0.0000e+00	0.0000e+00	5.1609e+00	-2.7663e+01	-3.7383e-01
	200	0.0000e+00	0.0000e+00	0.0000e+00	5.3024e+00	-2.7601e+01	-3.4858e+00
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	-4.0675e-01	-5.5425e+01	-4.2243e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	-4.4595e+00	-5.3985e+01	-1.5524e+00
	209	0.0000e+00	0.0000e+00	0.0000e+00	-9.0692e-01	-4.1066e+01	-9.5415e-01
	199	0.0000e+00	0.0000e+00	0.0000e+00	9.4331e-01	-4.0931e+01	-3.6261e+00
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	3.2897e+00	-8.0902e+01	-2.5872e+00
	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.4010e+01	-8.1621e+01	-2.0745e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	-7.8681e+00	-5.8045e+01	-1.7664e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	-1.9120e+00	-5.9435e+01	-2.2791e+00
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	2.6751e+01	-8.5819e+01	5.1425e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	6.5942e-01	-2.0459e+02	3.0772e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	-2.5806e+01	-7.7959e+01	-1.2148e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	1.5322e+01	-1.0316e+02	8.5042e+00
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	-6.2820e-01	2.9858e+01	1.0841e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	5.6393e+00	7.2575e+01	2.5276e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	2.6385e+01	1.3619e+01	4.6598e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	5.1117e+00	9.8522e+00	3.2163e+01
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	3.0539e+00	2.7454e+01	-1.9873e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	2.1995e+01	3.4358e+01	-1.2077e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	1.2311e+00	4.7727e+01	-6.8956e-02
	194	0.0000e+00	0.0000e+00	0.0000e+00	5.3045e+00	2.8454e+01	1.0021e+01
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	1.1865e+01	1.1293e+01	-6.7447e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	2.0028e+01	1.1558e+01	-8.7704e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	1.9946e+01	2.0992e+01	-8.6709e+00
	193	0.0000e+00	0.0000e+00	0.0000e+00	8.2295e+00	2.1039e+01	-6.6451e+00
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	1.2331e+01	-2.0652e+00	-7.8494e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	1.6028e+01	-2.0333e+00	-6.7254e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	1.8317e+01	5.5115e+00	-7.6491e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	1.2104e+01	7.5570e+00	-8.7731e+00
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	1.0402e+01	-1.3452e+01	-7.6414e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	1.1649e+01	-1.3324e+01	-5.7689e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	1.4251e+01	-6.0514e+00	-6.4203e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	1.1236e+01	-4.5032e+00	-8.2928e+00
2337	189	0.0000e+00	0.0000e+00	0.0000e+00	8.2685e+00	-2.4915e+01	-7.1460e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	7.6884e+00	-2.4619e+01	-5.4961e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	9.9066e+00	-1.6836e+01	-5.8279e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	9.0776e+00	-1.5816e+01	-7.4778e+00
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	7.1982e+00	-3.7463e+01	-6.1893e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	4.6727e+00	-3.7340e+01	-5.4542e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	6.0331e+00	-2.8484e+01	-5.7734e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	7.1867e+00	-2.7665e+01	-6.5086e+00
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	8.7279e+00	-5.1032e+01	-3.1898e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	3.9699e+00	-5.2968e+01	-4.5754e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	3.1439e+00	-4.2330e+01	-6.0234e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	7.0114e+00	-4.1110e+01	-4.6378e+00
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	1.2004e+01	-6.0925e+01	8.4040e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	1.1686e+01	-7.4575e+01	2.8464e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	2.2268e+00	-6.0745e+01	-5.4687e+00

	187	0.0000e+00	0.0000e+00	0.0000e+00	1.1266e+01	-5.6269e+01	8.8841e-02
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	4.6833e+00	-5.4111e+01	2.8976e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	1.3676e+01	-7.2941e+01	3.2435e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	9.0038e+00	-8.6048e+01	1.3262e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	1.5701e+01	-6.3082e+01	9.8036e+00
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	9.3184e+00	9.8713e+00	9.6096e+00
	194	0.0000e+00	0.0000e+00	0.0000e+00	6.6209e+00	2.1590e+01	1.8131e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	1.8300e+01	4.3657e+00	2.5275e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	1.3276e+01	5.1155e-01	1.6753e+01
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	5.8147e+00	1.4187e+01	6.7106e-02
	193	0.0000e+00	0.0000e+00	0.0000e+00	8.6874e+00	2.0454e+01	-2.7814e-01
	194	0.0000e+00	0.0000e+00	0.0000e+00	6.1885e+00	2.5576e+01	8.7255e+00
	183	0.0000e+00	0.0000e+00	0.0000e+00	7.6801e+00	1.2215e+01	9.0707e+00
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	7.2318e+00	7.8504e+00	-6.0248e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	1.1229e+01	1.0041e+01	-8.1044e+00
	193	0.0000e+00	0.0000e+00	0.0000e+00	7.7422e+00	1.9186e+01	-3.7430e+00
	182	0.0000e+00	0.0000e+00	0.0000e+00	6.9026e+00	1.1868e+01	-1.6634e+00
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	8.6884e+00	-2.1075e+00	-8.5338e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	1.1086e+01	-1.5730e+00	-9.3789e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	1.0136e+01	6.3362e+00	-8.3447e+00
	181	0.0000e+00	0.0000e+00	0.0000e+00	8.0884e+00	4.6161e+00	-7.4996e+00
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	8.8961e+00	-1.2562e+01	-8.9617e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	9.7395e+00	-1.2686e+01	-8.9707e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	9.9996e+00	-5.2203e+00	-9.1418e+00
	180	0.0000e+00	0.0000e+00	0.0000e+00	8.6196e+00	-4.9709e+00	-9.1329e+00
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	8.6888e+00	-2.3321e+01	-8.1058e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	8.3334e+00	-2.4038e+01	-8.0770e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	8.6182e+00	-1.6233e+01	-8.8140e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	8.4570e+00	-1.5343e+01	-8.8428e+00
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	8.8612e+00	-3.4172e+01	-5.7709e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	7.8095e+00	-3.6299e+01	-6.3448e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	7.2347e+00	-2.7714e+01	-7.9543e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	8.3829e+00	-2.6333e+01	-7.3803e+00
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	9.4253e+00	-4.3567e+01	-6.3171e-01
	187	0.0000e+00	0.0000e+00	0.0000e+00	9.0490e+00	-4.9280e+01	-2.0534e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	6.7387e+00	-4.0047e+01	-5.8531e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	9.1271e+00	-3.7477e+01	-4.4314e+00
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	9.7975e+00	-4.7211e+01	8.6007e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	9.5709e+00	-5.8173e+01	7.9427e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	7.9521e+00	-5.1639e+01	5.2286e-01
	176	0.0000e+00	0.0000e+00	0.0000e+00	1.0209e+01	-4.6425e+01	1.1809e+00
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.0890e+00	-3.9431e+01	1.8357e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	1.0614e+01	-4.7437e+01	2.3096e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	9.0272e+00	-5.8030e+01	1.3703e+01
	175	0.0000e+00	0.0000e+00	0.0000e+00	9.1921e+00	-4.5558e+01	8.9641e+00
2352	172	0.0000e+00	0.0000e+00	0.0000e+00	1.4237e+01	1.5199e+00	4.3457e+00
	183	0.0000e+00	0.0000e+00	0.0000e+00	1.1295e+01	7.5516e+00	1.0016e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	1.8133e+01	-1.7087e+00	1.3377e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	1.7803e+01	-3.0052e+00	7.7073e+00
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	9.8914e+00	5.1415e+00	-1.5309e+00
	182	0.0000e+00	0.0000e+00	0.0000e+00	8.8819e+00	1.0516e+01	8.5111e-01
	183	0.0000e+00	0.0000e+00	0.0000e+00	1.0640e+01	9.7507e+00	6.1654e+00
	172	0.0000e+00	0.0000e+00	0.0000e+00	1.2504e+01	3.5400e+00	3.7833e+00
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	8.4939e+00	2.7876e+00	-6.2321e+00
	181	0.0000e+00	0.0000e+00	0.0000e+00	8.8864e+00	5.6547e+00	-6.1259e+00
	182	0.0000e+00	0.0000e+00	0.0000e+00	8.0034e+00	1.0306e+01	-2.2192e+00
	171	0.0000e+00	0.0000e+00	0.0000e+00	9.5716e+00	4.6569e+00	-2.3253e+00
2355	169	0.0000e+00	0.0000e+00	0.0000e+00	8.4851e+00	-3.6178e+00	-8.7111e+00
	180	0.0000e+00	0.0000e+00	0.0000e+00	9.0759e+00	-2.6919e+00	-9.2046e+00
	181	0.0000e+00	0.0000e+00	0.0000e+00	7.9966e+00	3.7777e+00	-7.4346e+00
	170	0.0000e+00	0.0000e+00	0.0000e+00	8.6589e+00	8.4503e-01	-6.9412e+00
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	8.6820e+00	-1.2043e+01	-9.2306e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	8.8891e+00	-1.2325e+01	-9.6860e+00

	180	0.0000e+00	0.0000e+00	0.0000e+00	8.2200e+00	-5.3288e+00	-9.4701e+00
	169	0.0000e+00	0.0000e+00	0.0000e+00	8.5154e+00	-6.0816e+00	-9.0147e+00
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	8.7879e+00	-2.1288e+01	-8.1742e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	8.6476e+00	-2.2654e+01	-8.6392e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	8.0424e+00	-1.5270e+01	-9.5201e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	8.5398e+00	-1.4716e+01	-9.0551e+00
2358	166	0.0000e+00	0.0000e+00	0.0000e+00	8.7632e+00	-3.0236e+01	-5.5279e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	8.6525e+00	-3.3135e+01	-6.0593e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	7.7944e+00	-2.5633e+01	-8.1103e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	8.6461e+00	-2.4060e+01	-7.5788e+00
2359	165	0.0000e+00	0.0000e+00	0.0000e+00	8.0917e+00	-3.7009e+01	-1.0176e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	8.6798e+00	-4.1984e+01	-1.1807e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	7.7741e+00	-3.5692e+01	-4.8106e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	8.6981e+00	-3.2753e+01	-4.6475e+00
2360	164	0.0000e+00	0.0000e+00	0.0000e+00	6.4470e+00	-3.8499e+01	5.0838e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	6.3000e+00	-4.5006e+01	6.6334e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	7.7177e+00	-4.3072e+01	1.5352e+00
	165	0.0000e+00	0.0000e+00	0.0000e+00	7.8727e+00	-3.8465e+01	-1.4364e-02
2361	163	0.0000e+00	0.0000e+00	0.0000e+00	-3.4554e+00	-3.1744e+01	1.0436e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	6.0722e+00	-3.5615e+01	1.4950e+01
	175	0.0000e+00	0.0000e+00	0.0000e+00	5.7572e+00	-4.4046e+01	9.6799e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	5.1409e+00	-3.6429e+01	5.1666e+00
2362	161	0.0000e+00	0.0000e+00	0.0000e+00	1.8043e+01	-3.2389e+00	-6.7361e-01
	172	0.0000e+00	0.0000e+00	0.0000e+00	1.5739e+01	4.4711e-01	3.5201e+00
	173	0.0000e+00	0.0000e+00	0.0000e+00	2.0193e+01	-4.1896e+00	6.0229e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	2.1284e+01	-5.9597e+00	1.8292e+00
2363	160	0.0000e+00	0.0000e+00	0.0000e+00	1.3730e+01	-3.5653e-01	-4.6956e+00
	171	0.0000e+00	0.0000e+00	0.0000e+00	1.2135e+01	3.2043e+00	-1.6713e+00
	172	0.0000e+00	0.0000e+00	0.0000e+00	1.4801e+01	2.0118e+00	1.6963e+00
	161	0.0000e+00	0.0000e+00	0.0000e+00	1.6614e+01	-1.7686e+00	-1.3281e+00
2364	159	0.0000e+00	0.0000e+00	0.0000e+00	1.1058e+01	-1.0315e+00	-7.8668e+00
	170	0.0000e+00	0.0000e+00	0.0000e+00	1.0275e+01	1.1844e+00	-6.3892e+00
	171	0.0000e+00	0.0000e+00	0.0000e+00	1.1103e+01	3.5627e+00	-3.6579e+00
	160	0.0000e+00	0.0000e+00	0.0000e+00	1.2940e+01	-1.7564e-01	-5.1355e+00
2365	158	0.0000e+00	0.0000e+00	0.0000e+00	9.7749e+00	-5.1427e+00	-9.5148e+00
	169	0.0000e+00	0.0000e+00	0.0000e+00	9.4449e+00	-4.3790e+00	-9.0798e+00
	170	0.0000e+00	0.0000e+00	0.0000e+00	9.3170e+00	3.0313e-01	-7.6481e+00
	159	0.0000e+00	0.0000e+00	0.0000e+00	1.0701e+01	-2.0544e+00	-8.0831e+00
2366	157	0.0000e+00	0.0000e+00	0.0000e+00	9.2176e+00	-1.1663e+01	-9.6627e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	9.0275e+00	-1.2081e+01	-9.7186e+00
	169	0.0000e+00	0.0000e+00	0.0000e+00	8.5925e+00	-6.1550e+00	-9.5419e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	9.5501e+00	-6.9584e+00	-9.4861e+00
2367	156	0.0000e+00	0.0000e+00	0.0000e+00	8.8342e+00	-1.9373e+01	-8.5224e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	8.7303e+00	-2.0832e+01	-8.7169e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	8.2345e+00	-1.4342e+01	-9.5864e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	8.9730e+00	-1.3906e+01	-9.3919e+00
2368	155	0.0000e+00	0.0000e+00	0.0000e+00	8.1717e+00	-2.6861e+01	-6.2393e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	8.2752e+00	-2.9398e+01	-6.2310e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	7.9341e+00	-2.3149e+01	-8.0584e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	8.5281e+00	-2.1703e+01	-8.0668e+00
2369	154	0.0000e+00	0.0000e+00	0.0000e+00	6.5991e+00	-3.2257e+01	-2.9814e+00
	165	0.0000e+00	0.0000e+00	0.0000e+00	7.1384e+00	-3.5769e+01	-2.2073e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	7.4236e+00	-3.1229e+01	-4.9436e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	7.7342e+00	-2.8776e+01	-5.7177e+00
2370	153	0.0000e+00	0.0000e+00	0.0000e+00	3.9181e+00	-3.3138e+01	7.7412e-01
	164	0.0000e+00	0.0000e+00	0.0000e+00	3.7917e+00	-3.7002e+01	3.1395e+00
	165	0.0000e+00	0.0000e+00	0.0000e+00	6.1715e+00	-3.6334e+01	-1.1739e-01
	154	0.0000e+00	0.0000e+00	0.0000e+00	5.8784e+00	-3.3098e+01	-2.4828e+00
2371	152	0.0000e+00	0.0000e+00	0.0000e+00	-4.3952e+00	-2.7442e+01	3.7266e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	2.2262e+00	-2.9477e+01	7.9470e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	3.0716e+00	-3.5915e+01	4.9023e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	2.5033e+00	-3.1312e+01	6.8194e-01
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	2.0161e+01	-7.0939e+00	-5.5617e+00

	161	0.0000e+00	0.0000e+00	0.0000e+00	1.9365e+01	-4.1591e+00	-1.8764e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	2.2699e+01	-6.9913e+00	6.7974e-01
	151	0.0000e+00	0.0000e+00	0.0000e+00	2.3589e+01	-9.6289e+00	-3.0056e+00
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	1.5807e+01	-3.7843e+00	-8.6902e+00
	160	0.0000e+00	0.0000e+00	0.0000e+00	1.5258e+01	-1.5462e+00	-5.3644e+00
	161	0.0000e+00	0.0000e+00	0.0000e+00	1.8129e+01	-2.8195e+00	-3.0303e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	1.9039e+01	-5.6697e+00	-6.3562e+00
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	1.2621e+01	-3.2398e+00	-1.0479e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	1.2304e+01	-1.9908e+00	-8.2764e+00
	160	0.0000e+00	0.0000e+00	0.0000e+00	1.4012e+01	-9.0576e-01	-6.6858e+00
	149	0.0000e+00	0.0000e+00	0.0000e+00	1.4954e+01	-3.1242e+00	-8.8881e+00
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	1.0695e+01	-5.8924e+00	-1.1027e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	1.0522e+01	-5.6260e+00	-9.9105e+00
	159	0.0000e+00	0.0000e+00	0.0000e+00	1.1239e+01	-2.3628e+00	-9.2231e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	1.2027e+01	-3.5948e+00	-1.0339e+01
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	9.5681e+00	-1.1101e+01	-1.0601e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	9.4900e+00	-1.1674e+01	-1.0156e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	9.6332e+00	-6.8726e+00	-1.0304e+01
	147	0.0000e+00	0.0000e+00	0.0000e+00	1.0241e+01	-7.1244e+00	-1.0749e+01
2377	145	0.0000e+00	0.0000e+00	0.0000e+00	8.6900e+00	-1.7749e+01	-9.4156e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	8.7153e+00	-1.9014e+01	-9.1873e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	8.6952e+00	-1.3463e+01	-1.0031e+01
	146	0.0000e+00	0.0000e+00	0.0000e+00	9.1292e+00	-1.2888e+01	-1.0260e+01
2378	144	0.0000e+00	0.0000e+00	0.0000e+00	7.5353e+00	-2.4416e+01	-7.6776e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	7.6840e+00	-2.6220e+01	-7.2002e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	7.9269e+00	-2.0919e+01	-8.5949e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	8.1685e+00	-1.9682e+01	-9.0723e+00
2379	143	0.0000e+00	0.0000e+00	0.0000e+00	5.5020e+00	-2.9288e+01	-5.6665e+00
	154	0.0000e+00	0.0000e+00	0.0000e+00	5.8344e+00	-3.1388e+01	-4.3962e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	6.8306e+00	-2.7719e+01	-6.1639e+00
	144	0.0000e+00	0.0000e+00	0.0000e+00	6.8368e+00	-2.5966e+01	-7.4342e+00
2380	142	0.0000e+00	0.0000e+00	0.0000e+00	2.3136e+00	-3.0164e+01	-3.7430e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	2.2065e+00	-3.2215e+01	-1.0891e+00
	154	0.0000e+00	0.0000e+00	0.0000e+00	4.8449e+00	-3.1827e+01	-2.9320e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	4.5447e+00	-2.9861e+01	-5.5859e+00
2381	141	0.0000e+00	0.0000e+00	0.0000e+00	-4.4891e+00	-2.5138e+01	-2.4067e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	-6.5119e-01	-2.6145e+01	1.6237e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	1.3000e+00	-3.1131e+01	1.5010e-02
	142	0.0000e+00	0.0000e+00	0.0000e+00	9.5490e-01	-2.8631e+01	-4.0154e+00
2382	139	0.0000e+00	0.0000e+00	0.0000e+00	1.8831e+01	-1.0859e+01	-1.0770e+01
	150	0.0000e+00	0.0000e+00	0.0000e+00	2.1087e+01	-8.2636e+00	-6.9029e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	2.3999e+01	-1.0924e+01	-3.9416e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	2.3014e+01	-1.4784e+01	-7.8083e+00
2383	138	0.0000e+00	0.0000e+00	0.0000e+00	1.4509e+01	-5.6426e+00	-1.3087e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	1.6433e+01	-4.6224e+00	-9.4918e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	1.9461e+01	-6.5731e+00	-8.0103e+00
	139	0.0000e+00	0.0000e+00	0.0000e+00	1.8079e+01	-8.7826e+00	-1.1606e+01
2384	137	0.0000e+00	0.0000e+00	0.0000e+00	1.1626e+01	-3.8788e+00	-1.3304e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	1.2935e+01	-3.6385e+00	-1.0962e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	1.5028e+01	-3.6532e+00	-1.0548e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	1.3832e+01	-4.3144e+00	-1.2891e+01
2385	136	0.0000e+00	0.0000e+00	0.0000e+00	9.9264e+00	-5.6871e+00	-1.2693e+01
	147	0.0000e+00	0.0000e+00	0.0000e+00	1.0764e+01	-5.9677e+00	-1.1461e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	1.1900e+01	-3.7768e+00	-1.1634e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	1.1052e+01	-3.6801e+00	-1.2866e+01
2386	135	0.0000e+00	0.0000e+00	0.0000e+00	8.8198e+00	-1.0223e+01	-1.1747e+01
	146	0.0000e+00	0.0000e+00	0.0000e+00	9.4302e+00	-1.0937e+01	-1.1141e+01
	147	0.0000e+00	0.0000e+00	0.0000e+00	9.9489e+00	-7.0046e+00	-1.1698e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	9.4136e+00	-6.5054e+00	-1.2304e+01
2387	134	0.0000e+00	0.0000e+00	0.0000e+00	7.8445e+00	-1.6380e+01	-1.0574e+01
	145	0.0000e+00	0.0000e+00	0.0000e+00	8.3622e+00	-1.7401e+01	-1.0154e+01
	146	0.0000e+00	0.0000e+00	0.0000e+00	8.6931e+00	-1.2527e+01	-1.1002e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	8.2831e+00	-1.1702e+01	-1.1421e+01

2388	133	0.0000e+00	0.0000e+00	0.0000e+00	6.6153e+00	-2.2861e+01	-9.3551e+00
	144	0.0000e+00	0.0000e+00	0.0000e+00	7.0449e+00	-2.3939e+01	-8.7196e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	7.6271e+00	-1.9164e+01	-9.7033e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	7.1991e+00	-1.8098e+01	-1.0339e+01
2389	132	0.0000e+00	0.0000e+00	0.0000e+00	4.6631e+00	-2.7923e+01	-8.4449e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	4.9599e+00	-2.8750e+01	-7.1221e+00
	144	0.0000e+00	0.0000e+00	0.0000e+00	6.2589e+00	-2.5404e+01	-8.0104e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	5.7914e+00	-2.4294e+01	-9.3333e+00
2390	131	0.0000e+00	0.0000e+00	0.0000e+00	1.4483e+00	-2.9183e+01	-8.1604e+00
	142	0.0000e+00	0.0000e+00	0.0000e+00	1.4444e+00	-2.9689e+01	-5.5642e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	4.0279e+00	-2.9294e+01	-6.1898e+00
	132	0.0000e+00	0.0000e+00	0.0000e+00	3.6285e+00	-2.8436e+01	-8.7860e+00
2391	130	0.0000e+00	0.0000e+00	0.0000e+00	-3.9539e+00	-2.4249e+01	-8.2794e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	-2.6208e+00	-2.4539e+01	-4.3536e+00
	142	0.0000e+00	0.0000e+00	0.0000e+00	3.8981e-01	-2.8598e+01	-4.8247e+00
	131	0.0000e+00	0.0000e+00	0.0000e+00	2.3875e-01	-2.7860e+01	-8.7506e+00
2392	128	0.0000e+00	0.0000e+00	0.0000e+00	1.0838e+01	-1.4493e+01	-1.6654e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	1.8825e+01	-1.2432e+01	-1.2057e+01
	140	0.0000e+00	0.0000e+00	0.0000e+00	2.1665e+01	-1.6690e+01	-8.7953e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	1.6432e+01	-2.1740e+01	-1.3392e+01
2393	127	0.0000e+00	0.0000e+00	0.0000e+00	7.7923e+00	-5.4860e+00	-1.6852e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	1.3570e+01	-5.9927e+00	-1.3503e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	1.6608e+01	-9.7539e+00	-1.3555e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	1.0899e+01	-1.0149e+01	-1.6903e+01
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	6.9571e+00	-3.0600e+00	-1.4912e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	1.0500e+01	-3.6068e+00	-1.3536e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	1.2375e+01	-4.8538e+00	-1.4516e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	7.6073e+00	-3.2648e+00	-1.5892e+01
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	6.6023e+00	-4.8058e+00	-1.3575e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	9.0135e+00	-5.3459e+00	-1.3047e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	9.8831e+00	-3.9070e+00	-1.3933e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	6.7026e+00	-2.5150e+00	-1.4462e+01
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	6.2102e+00	-9.2414e+00	-1.2541e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	8.0613e+00	-9.8946e+00	-1.2282e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	8.4700e+00	-6.4828e+00	-1.3102e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	6.2772e+00	-5.3481e+00	-1.3361e+01
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	5.5975e+00	-1.5331e+01	-1.1566e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	7.1411e+00	-1.6045e+01	-1.1303e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	7.4569e+00	-1.1509e+01	-1.2130e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	5.7637e+00	-1.0420e+01	-1.2393e+01
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	4.7017e+00	-2.2079e+01	-1.0760e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	5.9669e+00	-2.2533e+01	-1.0317e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	6.4926e+00	-1.7867e+01	-1.1020e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	4.9886e+00	-1.6789e+01	-1.1462e+01
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	3.4167e+00	-2.8062e+01	-1.0642e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	4.2067e+00	-2.7669e+01	-9.7649e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	5.3270e+00	-2.4217e+01	-9.9669e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	3.9062e+00	-2.3383e+01	-1.0844e+01
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	1.0497e+00	-3.0544e+01	-1.1921e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	1.3196e+00	-2.9083e+01	-9.9637e+00
	132	0.0000e+00	0.0000e+00	0.0000e+00	3.5111e+00	-2.8613e+01	-9.3520e+00
	121	0.0000e+00	0.0000e+00	0.0000e+00	2.4489e+00	-2.8485e+01	-1.1309e+01
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	-2.9172e+00	-2.4902e+01	-1.4083e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-3.7409e+00	-2.4265e+01	-1.0263e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	2.4145e-01	-2.8034e+01	-9.4409e+00
	120	0.0000e+00	0.0000e+00	0.0000e+00	1.0963e-01	-2.9190e+01	-1.3261e+01
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	-9.3871e+00	-1.4302e+01	-2.2205e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	8.4034e+00	-1.5943e+01	-1.7000e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	1.1328e+01	-2.4993e+01	-1.4345e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-2.7612e+00	-3.2422e+01	-1.9550e+01
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	-4.4543e+00	-2.9048e+00	-1.5719e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	3.8484e+00	-4.1084e+00	-1.5979e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	5.7528e+00	-1.1565e+01	-1.9380e+01

	116	0.0000e+00	0.0000e+00	0.0000e+00	-6.8357e+00	-5.3536e+00	-1.9120e+01
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	-1.3605e+00	-1.3783e+00	-1.3410e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	4.1633e+00	-2.0689e+00	-1.4633e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	4.3374e+00	-4.0915e+00	-1.6434e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-3.7793e+00	-8.5618e-01	-1.5210e+01
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	4.0769e-01	-3.4388e+00	-1.2812e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	4.7036e+00	-4.2492e+00	-1.3661e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	4.5284e+00	-3.0015e+00	-1.4620e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	-9.7547e-01	-1.7212e+00	-1.3771e+01
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	1.2492e+00	-7.6778e+00	-1.2432e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	4.7248e+00	-8.8739e+00	-1.2864e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	4.7333e+00	-5.6019e+00	-1.3598e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	4.4847e-01	-5.1993e+00	-1.3166e+01
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	1.3796e+00	-1.3465e+01	-1.1972e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	4.2757e+00	-1.5027e+01	-1.2050e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	4.5352e+00	-1.0516e+01	-1.2763e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	9.7671e-01	-1.0522e+01	-1.2685e+01
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	9.8363e-01	-2.0188e+01	-1.1504e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	3.4958e+00	-2.1841e+01	-1.1312e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	4.0069e+00	-1.6855e+01	-1.1935e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	8.2408e-01	-1.7151e+01	-1.2127e+01
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	4.2065e-01	-2.7023e+01	-1.1561e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	2.5162e+00	-2.7974e+01	-1.1238e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	3.3589e+00	-2.3709e+01	-1.1308e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	1.7071e-01	-2.4509e+01	-1.1631e+01
2410	100	0.0000e+00	0.0000e+00	0.0000e+00	1.2501e-01	-3.2171e+01	-1.3672e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	9.5824e-01	-3.0724e+01	-1.3091e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	2.7977e+00	-2.9542e+01	-1.1461e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-6.4754e-01	-3.1649e+01	-1.2042e+01
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	-1.8889e+00	-2.8013e+01	-1.9636e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-3.8171e+00	-2.5635e+01	-1.6461e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	1.1143e+00	-3.0312e+01	-1.2945e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-9.9318e-01	-3.5597e+01	-1.6121e+01
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	-2.5046e+01	5.8847e+00	-3.7299e+00
	116	0.0000e+00	0.0000e+00	0.0000e+00	-2.4660e+01	-8.7270e+00	-1.4906e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-4.8512e+00	-3.6983e+01	-3.0048e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.5361e+01	-1.8585e+01	-1.8872e+01
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	-1.7470e+01	2.7305e+00	-8.1468e+00
	114	0.0000e+00	0.0000e+00	0.0000e+00	-1.1229e+01	-7.0054e-02	-1.3960e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-1.6827e+01	-7.7773e+00	-1.5099e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	-2.2538e+01	-8.0934e+00	-9.2865e+00
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.2835e+01	-2.0221e+00	-9.8368e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	-5.1247e+00	-1.0325e+00	-1.3182e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-8.1374e+00	-1.9426e+00	-1.2864e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-1.5961e+01	-1.6460e+00	-9.5189e+00
2415	111	0.0000e+00	0.0000e+00	0.0000e+00	-9.6626e+00	-8.8133e+00	-1.1053e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-1.9778e+00	-3.6386e+00	-1.3544e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	-4.7313e+00	-2.4258e+00	-1.3150e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.1481e+01	1.8891e+00	-1.0658e+01
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	-7.4491e+00	-1.6823e+01	-1.1868e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	-2.3090e-01	-8.0625e+00	-1.3962e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-3.1865e+00	-5.5619e+00	-1.3706e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-8.3364e+00	2.6413e+00	-1.1612e+01
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	-6.0670e+00	-2.5650e+01	-1.2402e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	5.3920e-01	-1.3972e+01	-1.4165e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	-2.6337e+00	-1.0532e+01	-1.4071e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-6.1302e+00	9.4050e-01	-1.2308e+01
2418	105	0.0000e+00	0.0000e+00	0.0000e+00	-5.6607e+00	-3.4931e+01	-1.2821e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	5.1392e-01	-2.0916e+01	-1.4172e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-2.7896e+00	-1.6815e+01	-1.4167e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-4.8354e+00	-2.8103e+00	-1.2816e+01
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	-6.5522e+00	-4.4387e+01	-1.3430e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	8.3929e-02	-2.8248e+01	-1.4330e+01

	104	0.0000e+00	0.0000e+00	0.0000e+00	-3.4669e+00	-2.3936e+01	-1.4188e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-4.6525e+00	-8.1046e+00	-1.3288e+01
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	-8.9144e+00	-5.4276e+01	-1.4997e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	8.9859e-01	-3.4188e+01	-1.6027e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-4.0173e+00	-3.1580e+01	-1.4909e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-5.8897e+00	-1.3930e+01	-1.3878e+01
2421	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0752e+00	-6.7761e+01	-2.1342e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	2.1705e+00	-3.0479e+01	-2.5378e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-1.9343e+00	-3.8479e+01	-1.8073e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	-8.3764e+00	-1.7123e+01	-1.4036e+01

SFORZI "V-x" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	4.9846e+01	-7.2034e+01	-1.3069e+00
	1893	0.0000e+00	0.0000e+00	0.0000e+00	3.9297e+01	1.0534e+02	-2.0321e+01
	84	0.0000e+00	0.0000e+00	0.0000e+00	-4.5901e+01	1.3918e+02	2.2915e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	9.8073e+01	2.7003e+02	2.1305e+01
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	4.8048e+01	-9.0186e+01	-1.1763e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	3.0559e+01	2.5078e+01	-1.7700e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-4.2921e-01	4.3022e+01	-1.3351e+01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	6.7491e+01	1.4934e+02	-7.4137e+00
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	4.4428e+01	-9.1452e+01	-1.4281e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	2.2992e+01	-2.0870e+01	-1.7515e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	3.6657e+00	-1.1471e+01	-1.7163e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	5.7465e+01	5.8386e+01	-1.3929e+01
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	4.4239e+01	-7.4794e+01	-1.3722e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	1.6574e+01	-4.4887e+01	-1.5305e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	8.2673e+00	-4.1274e+01	-1.6538e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	4.9467e+01	-8.8308e+00	-1.4955e+01
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	4.8007e+01	-4.0466e+01	-1.3025e+01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	1.1172e+01	-4.7860e+01	-1.3210e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	1.3324e+01	-4.9608e+01	-1.4194e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	4.5495e+01	-5.4980e+01	-1.4009e+01
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	5.4404e+01	1.2711e+01	-1.4896e+01
	1888	0.0000e+00	0.0000e+00	0.0000e+00	5.9196e+00	-3.0321e+01	-1.2800e+01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	1.8935e+01	-3.7230e+01	-1.1977e+01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	4.5463e+01	-8.1955e+01	-1.4073e+01
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	5.7541e+01	8.5133e+01	-2.1886e+01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-4.4556e+00	6.0885e+00	-1.2982e+01
	1888	0.0000e+00	0.0000e+00	0.0000e+00	2.3207e+01	-3.8779e+00	-9.8978e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	4.7192e+01	-8.9267e+01	-1.8802e+01
681	28	0.0000e+00	0.0000e+00	0.0000e+00	5.4843e+00	1.7190e+02	-3.5696e+01
	83	0.0000e+00	0.0000e+00	0.0000e+00	-2.4518e+01	4.8326e+01	2.7849e+00
	1887	0.0000e+00	0.0000e+00	0.0000e+00	1.4654e+01	4.3906e+01	-1.2661e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	4.1135e+01	-7.1333e+01	-3.9747e+01
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	4.1124e+01	-7.1333e+01	3.9770e+01
	1886	0.0000e+00	0.0000e+00	0.0000e+00	1.4651e+01	4.3845e+01	1.2964e+00
	83	0.0000e+00	0.0000e+00	0.0000e+00	-2.4503e+01	4.8316e+01	-2.7383e+00
	28	0.0000e+00	0.0000e+00	0.0000e+00	5.4686e+00	1.7179e+02	3.5735e+01
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	4.7190e+01	-8.9265e+01	1.8831e+01
	1885	0.0000e+00	0.0000e+00	0.0000e+00	2.3201e+01	-3.9155e+00	9.9253e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-4.4546e+00	6.0507e+00	1.3008e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	5.7529e+01	8.5058e+01	2.1914e+01
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	4.5467e+01	-8.1938e+01	1.4103e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	1.8930e+01	-3.7249e+01	1.2007e+01
	1885	0.0000e+00	0.0000e+00	0.0000e+00	5.9236e+00	-3.0344e+01	1.2829e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	5.4399e+01	1.2655e+01	1.4925e+01
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	4.5504e+01	-5.4942e+01	1.4039e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	1.3320e+01	-4.9608e+01	1.4225e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	1.1178e+01	-4.7865e+01	1.3241e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	4.8008e+01	-4.0508e+01	1.3055e+01
686	1650	0.0000e+00	0.0000e+00	0.0000e+00	4.9481e+01	-8.7669e+00	1.4983e+01



	1882	0.0000e+00	0.0000e+00	0.0000e+00	8.2643e+00	-4.1253e+01	1.6568e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	1.6582e+01	-4.4871e+01	1.5336e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	4.4244e+01	-7.4822e+01	1.3751e+01
687	1649	0.0000e+00	0.0000e+00	0.0000e+00	5.7487e+01	5.8483e+01	1.3955e+01
	1881	0.0000e+00	0.0000e+00	0.0000e+00	3.6635e+00	-1.1424e+01	1.7190e+01
	1882	0.0000e+00	0.0000e+00	0.0000e+00	2.3003e+01	-2.0830e+01	1.7545e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	4.4437e+01	-9.1467e+01	1.4309e+01
688	1648	0.0000e+00	0.0000e+00	0.0000e+00	6.7523e+01	1.4948e+02	7.4352e+00
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-4.2711e-01	4.3099e+01	1.3372e+01
	1881	0.0000e+00	0.0000e+00	0.0000e+00	3.0575e+01	2.5149e+01	1.7725e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	4.8065e+01	-9.0187e+01	1.1789e+01
689	27	0.0000e+00	0.0000e+00	0.0000e+00	9.8152e+01	2.7024e+02	-2.1287e+01
	82	0.0000e+00	0.0000e+00	0.0000e+00	-4.5934e+01	1.3927e+02	-2.2707e+00
	1880	0.0000e+00	0.0000e+00	0.0000e+00	3.9320e+01	1.0546e+02	2.0344e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	4.9874e+01	-7.2031e+01	1.3281e+00
690	1879	0.0000e+00	0.0000e+00	0.0000e+00	6.0877e+01	9.8455e+01	-5.2561e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	1.1916e+02	-1.0016e+02	-2.3718e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.4082e+02	2.9082e+02	-2.1728e+01
	73	0.0000e+00	0.0000e+00	0.0000e+00	9.5299e+01	8.8110e+01	-5.0571e+01
691	1878	0.0000e+00	0.0000e+00	0.0000e+00	4.2910e+01	3.1163e+01	-1.6293e+01
	880	0.0000e+00	0.0000e+00	0.0000e+00	7.3258e+01	-1.0515e+02	-8.3654e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	1.2115e+02	1.5559e+02	-2.2195e+01
	1879	0.0000e+00	0.0000e+00	0.0000e+00	1.0434e+01	4.7726e+01	-3.0123e+01
692	1877	0.0000e+00	0.0000e+00	0.0000e+00	2.8520e+01	-2.2594e+01	-6.0274e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	5.8192e+01	-9.8521e+01	-4.4530e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	7.9428e+01	5.4545e+01	-9.8278e+00
	1878	0.0000e+00	0.0000e+00	0.0000e+00	1.0345e+01	-1.0326e+01	-1.1402e+01
693	1876	0.0000e+00	0.0000e+00	0.0000e+00	1.9569e+01	-4.7097e+01	-3.0337e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	5.5441e+01	-7.5116e+01	-3.2419e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	6.2142e+01	-1.7828e+01	-4.7416e+00
	1877	0.0000e+00	0.0000e+00	0.0000e+00	1.2463e+01	-4.2761e+01	-4.5333e+00
694	1875	0.0000e+00	0.0000e+00	0.0000e+00	1.3933e+01	-4.6106e+01	-1.2167e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	6.1818e+01	-3.1405e+01	-1.9992e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	5.6054e+01	-6.6772e+01	-3.4462e+00
	1876	0.0000e+00	0.0000e+00	0.0000e+00	1.8175e+01	-4.9095e+01	-2.6637e+00
695	1874	0.0000e+00	0.0000e+00	0.0000e+00	1.1894e+01	-1.8941e+01	5.4682e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	7.9482e+01	3.6059e+01	2.8757e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	5.9090e+01	-9.5618e+01	-2.3430e+00
	1875	0.0000e+00	0.0000e+00	0.0000e+00	2.7245e+01	-2.9882e+01	2.4945e-01
696	1873	0.0000e+00	0.0000e+00	0.0000e+00	1.1662e+01	3.3909e+01	2.3820e+01
	870	0.0000e+00	0.0000e+00	0.0000e+00	1.2205e+02	1.3270e+02	1.4882e+01
	872	0.0000e+00	0.0000e+00	0.0000e+00	7.4524e+01	-1.0785e+02	1.2942e+00
	1874	0.0000e+00	0.0000e+00	0.0000e+00	4.1809e+01	1.8891e+01	1.0231e+01
697	72	0.0000e+00	0.0000e+00	0.0000e+00	1.0495e+02	6.8835e+01	4.3567e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.3653e+02	2.6375e+02	1.2633e+01
	870	0.0000e+00	0.0000e+00	0.0000e+00	1.2145e+02	-1.0782e+02	1.6522e+01
	1873	0.0000e+00	0.0000e+00	0.0000e+00	5.9877e+01	7.9100e+01	4.7457e+01
698	1872	0.0000e+00	0.0000e+00	0.0000e+00	5.9862e+01	7.9059e+01	-4.7695e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	1.2150e+02	-1.0782e+02	-1.6768e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.3657e+02	2.6362e+02	-1.2828e+01
	72	0.0000e+00	0.0000e+00	0.0000e+00	1.0493e+02	6.8637e+01	-4.3755e+01
699	1871	0.0000e+00	0.0000e+00	0.0000e+00	4.1811e+01	1.8875e+01	-1.0479e+01
	794	0.0000e+00	0.0000e+00	0.0000e+00	7.4581e+01	-1.0780e+02	-1.5418e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	1.2208e+02	1.3260e+02	-1.5131e+01
	1872	0.0000e+00	0.0000e+00	0.0000e+00	1.1688e+01	3.3878e+01	-2.4068e+01
700	1870	0.0000e+00	0.0000e+00	0.0000e+00	2.7249e+01	-2.9850e+01	-4.8586e-01
	792	0.0000e+00	0.0000e+00	0.0000e+00	5.9173e+01	-9.5484e+01	2.1037e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	7.9531e+01	3.5964e+01	-3.1229e+00
	1871	0.0000e+00	0.0000e+00	0.0000e+00	1.1925e+01	-1.8918e+01	-5.7125e+00
701	1869	0.0000e+00	0.0000e+00	0.0000e+00	1.8179e+01	-4.8989e+01	2.4428e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	5.6171e+01	-6.6517e+01	3.2242e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	6.1891e+01	-3.1492e+01	1.7641e+00
	1870	0.0000e+00	0.0000e+00	0.0000e+00	1.3979e+01	-4.6017e+01	9.8270e-01

702	1868	0.0000e+00	0.0000e+00	0.0000e+00	1.2465e+01	-4.2546e+01	4.3359e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	6.2298e+01	-1.7397e+01	4.5481e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	5.5542e+01	-7.5185e+01	3.0281e+00
	1869	0.0000e+00	0.0000e+00	0.0000e+00	1.9633e+01	-4.6909e+01	2.8159e+00
703	1867	0.0000e+00	0.0000e+00	0.0000e+00	1.0340e+01	-9.9545e+00	1.1238e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	7.9621e+01	5.5217e+01	9.6775e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	5.8321e+01	-9.8552e+01	4.2731e+00
	1868	0.0000e+00	0.0000e+00	0.0000e+00	2.8605e+01	-2.2263e+01	5.8337e+00
704	1866	0.0000e+00	0.0000e+00	0.0000e+00	1.0416e+01	4.8318e+01	3.0004e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	1.2136e+02	1.5658e+02	2.2110e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	7.3410e+01	-1.0511e+02	8.2386e+00
	1867	0.0000e+00	0.0000e+00	0.0000e+00	4.3016e+01	3.1688e+01	1.6133e+01
705	71	0.0000e+00	0.0000e+00	0.0000e+00	9.5056e+01	8.9085e+01	5.0534e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	1.4110e+02	2.9222e+02	2.1802e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	1.1929e+02	-9.9999e+01	2.3676e+01
	1866	0.0000e+00	0.0000e+00	0.0000e+00	6.1000e+01	9.9285e+01	5.2408e+01
706	1865	0.0000e+00	0.0000e+00	0.0000e+00	5.5584e+01	9.6161e+01	-6.5371e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	1.3696e+02	-7.0775e+01	-3.6314e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.3410e+02	2.5979e+02	-2.8971e+01
	75	0.0000e+00	0.0000e+00	0.0000e+00	1.1011e+02	7.6339e+01	-5.8029e+01
707	1864	0.0000e+00	0.0000e+00	0.0000e+00	4.2426e+01	5.5656e+01	-2.6654e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	9.2061e+01	-6.1410e+01	-1.7220e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	1.3277e+02	1.4653e+02	-3.2877e+01
	1865	0.0000e+00	0.0000e+00	0.0000e+00	1.8489e+01	6.4689e+01	-4.2311e+01
708	1863	0.0000e+00	0.0000e+00	0.0000e+00	2.9840e+01	1.7669e+01	-1.0672e+01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	7.8500e+01	-3.9124e+01	-7.7706e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	9.2790e+01	6.0482e+01	-1.7964e+01
	1864	0.0000e+00	0.0000e+00	0.0000e+00	2.0708e+01	2.6624e+01	-2.0865e+01
709	1862	0.0000e+00	0.0000e+00	0.0000e+00	2.2668e+01	9.0256e+00	1.2087e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	7.9307e+01	-1.3721e-01	1.1307e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	7.9207e+01	4.2407e-02	-6.9557e+00
	1863	0.0000e+00	0.0000e+00	0.0000e+00	2.2629e+01	9.0738e+00	-6.8777e+00
710	1861	0.0000e+00	0.0000e+00	0.0000e+00	2.0827e+01	2.6521e+01	1.5214e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	9.3186e+01	6.0315e+01	1.2153e+01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	7.8674e+01	-3.9140e+01	1.9449e+00
	1862	0.0000e+00	0.0000e+00	0.0000e+00	2.9896e+01	1.7621e+01	5.0064e+00
711	1860	0.0000e+00	0.0000e+00	0.0000e+00	1.8640e+01	6.4839e+01	3.6807e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	1.3363e+02	1.4669e+02	2.7184e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	9.2514e+01	-6.1734e+01	1.1397e+01
	1861	0.0000e+00	0.0000e+00	0.0000e+00	4.2647e+01	5.5640e+01	2.1020e+01
712	74	0.0000e+00	0.0000e+00	0.0000e+00	1.1226e+02	7.9078e+01	5.3955e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.3475e+02	2.6083e+02	2.4216e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	1.3775e+02	-7.1209e+01	3.0638e+01
	1860	0.0000e+00	0.0000e+00	0.0000e+00	5.6393e+01	9.6098e+01	6.0377e+01
713	1599	0.0000e+00	0.0000e+00	0.0000e+00	5.7457e+01	-4.8581e+01	2.1545e+01
	1859	0.0000e+00	0.0000e+00	0.0000e+00	3.2005e+01	9.8354e+01	5.1098e-01
	86	0.0000e+00	0.0000e+00	0.0000e+00	-3.6256e+01	1.2527e+02	1.8317e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	8.8323e+01	2.3214e+02	3.9352e+01
714	1598	0.0000e+00	0.0000e+00	0.0000e+00	5.8646e+01	-5.0746e+01	9.2512e+00
	1858	0.0000e+00	0.0000e+00	0.0000e+00	2.7157e+01	3.7225e+01	3.1878e+00
	1859	0.0000e+00	0.0000e+00	0.0000e+00	6.5494e+00	5.3993e+01	8.2308e+00
	1599	0.0000e+00	0.0000e+00	0.0000e+00	6.8475e+01	1.3062e+02	1.4294e+01
715	1597	0.0000e+00	0.0000e+00	0.0000e+00	5.7831e+01	-3.6288e+01	4.1878e+00
	1857	0.0000e+00	0.0000e+00	0.0000e+00	2.1295e+01	8.1725e+00	1.5856e+00
	1858	0.0000e+00	0.0000e+00	0.0000e+00	1.0836e+01	1.5303e+01	3.6923e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	6.3665e+01	5.5024e+01	6.2945e+00
716	1596	0.0000e+00	0.0000e+00	0.0000e+00	5.9293e+01	-2.0501e+00	1.0475e+00
	1856	0.0000e+00	0.0000e+00	0.0000e+00	1.5980e+01	3.6822e-01	9.9158e-01
	1857	0.0000e+00	0.0000e+00	0.0000e+00	1.5740e+01	5.4970e-01	2.2714e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	5.9434e+01	8.8292e-02	2.3274e+00
717	1595	0.0000e+00	0.0000e+00	0.0000e+00	6.3390e+01	5.1923e+01	-2.8094e+00
	1855	0.0000e+00	0.0000e+00	0.0000e+00	1.1036e+01	1.4060e+01	-3.1948e-01
	1856	0.0000e+00	0.0000e+00	0.0000e+00	2.1015e+01	7.2962e+00	1.6928e+00

	1596	0.0000e+00	0.0000e+00	0.0000e+00	5.7838e+01	-3.5095e+01	-7.9704e-01
718	1594	0.0000e+00	0.0000e+00	0.0000e+00	6.8069e+01	1.2653e+02	-1.0567e+01
	1854	0.0000e+00	0.0000e+00	0.0000e+00	6.6626e+00	5.1643e+01	-4.5971e+00
	1855	0.0000e+00	0.0000e+00	0.0000e+00	2.6822e+01	3.5292e+01	2.4472e-01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	5.8521e+01	-5.0490e+01	-5.7247e+00
719	30	0.0000e+00	0.0000e+00	0.0000e+00	8.7355e+01	2.2703e+02	-3.5160e+01
	85	0.0000e+00	0.0000e+00	0.0000e+00	-3.6118e+01	1.2152e+02	-1.4086e+01
	1854	0.0000e+00	0.0000e+00	0.0000e+00	3.1512e+01	9.5247e+01	3.2493e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	5.7190e+01	-4.9258e+01	-1.7825e+01
720	1853	0.0000e+00	0.0000e+00	0.0000e+00	5.6110e+01	9.4735e+01	-6.0744e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	1.3760e+02	-7.1322e+01	-3.1058e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.3419e+02	2.5836e+02	-2.4380e+01
	70	0.0000e+00	0.0000e+00	0.0000e+00	1.1230e+02	7.7274e+01	-5.4067e+01
721	1852	0.0000e+00	0.0000e+00	0.0000e+00	4.2489e+01	5.4858e+01	-2.1514e+01
	955	0.0000e+00	0.0000e+00	0.0000e+00	9.2503e+01	-6.1461e+01	-1.1889e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	1.3341e+02	1.4483e+02	-2.7605e+01
	1853	0.0000e+00	0.0000e+00	0.0000e+00	1.8696e+01	6.3868e+01	-3.7230e+01
722	1851	0.0000e+00	0.0000e+00	0.0000e+00	2.9788e+01	1.7343e+01	-5.5394e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	7.8802e+01	-3.8410e+01	-2.4604e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	9.3120e+01	5.8917e+01	-1.2651e+01
	1852	0.0000e+00	0.0000e+00	0.0000e+00	2.0944e+01	2.6093e+01	-1.5730e+01
723	1850	0.0000e+00	0.0000e+00	0.0000e+00	2.2550e+01	9.3189e+00	6.3629e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	7.9476e+01	1.3199e+00	6.4670e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	7.9378e+01	-1.1299e+00	-1.6411e+00
	1851	0.0000e+00	0.0000e+00	0.0000e+00	2.2834e+01	9.1143e+00	-1.7452e+00
724	1849	0.0000e+00	0.0000e+00	0.0000e+00	2.0646e+01	2.7451e+01	2.0417e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	9.3195e+01	6.2429e+01	1.7559e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	7.8701e+01	-3.9736e+01	7.3044e+00
	1850	0.0000e+00	0.0000e+00	0.0000e+00	3.0058e+01	1.8315e+01	1.0163e+01
725	1848	0.0000e+00	0.0000e+00	0.0000e+00	1.8439e+01	6.6226e+01	4.1995e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	1.3328e+02	1.4929e+02	3.2634e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	9.2378e+01	-6.1624e+01	1.6861e+01
	1849	0.0000e+00	0.0000e+00	0.0000e+00	4.2703e+01	5.6935e+01	2.6222e+01
726	69	0.0000e+00	0.0000e+00	0.0000e+00	1.0975e+02	7.8980e+01	5.8009e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.3485e+02	2.6361e+02	2.9136e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	1.3733e+02	-7.0552e+01	3.6157e+01
	1848	0.0000e+00	0.0000e+00	0.0000e+00	5.5942e+01	9.8285e+01	6.5031e+01
727	1557	0.0000e+00	0.0000e+00	0.0000e+00	5.7180e+01	-4.9249e+01	1.7803e+01
	1847	0.0000e+00	0.0000e+00	0.0000e+00	3.1518e+01	9.5141e+01	-3.2351e+00
	81	0.0000e+00	0.0000e+00	0.0000e+00	-3.6095e+01	1.2147e+02	1.4124e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	8.7392e+01	2.2680e+02	3.5162e+01
728	1556	0.0000e+00	0.0000e+00	0.0000e+00	5.8519e+01	-5.0435e+01	5.7268e+00
	1846	0.0000e+00	0.0000e+00	0.0000e+00	2.6809e+01	3.5228e+01	-2.3408e-01
	1847	0.0000e+00	0.0000e+00	0.0000e+00	6.6811e+00	5.1571e+01	4.6021e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	6.8050e+01	1.2635e+02	1.0563e+01
729	1555	0.0000e+00	0.0000e+00	0.0000e+00	5.7848e+01	-3.4984e+01	8.0711e-01
	1845	0.0000e+00	0.0000e+00	0.0000e+00	2.1002e+01	7.2899e+00	-1.6786e+00
	1846	0.0000e+00	0.0000e+00	0.0000e+00	1.1050e+01	1.4037e+01	3.2936e-01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	6.3381e+01	5.1793e+01	2.8151e+00
730	1554	0.0000e+00	0.0000e+00	0.0000e+00	5.9457e+01	2.6341e-01	-2.3165e+00
	1844	0.0000e+00	0.0000e+00	0.0000e+00	1.5730e+01	6.0337e-01	-2.2564e+00
	1845	0.0000e+00	0.0000e+00	0.0000e+00	1.5998e+01	4.0335e-01	-9.7689e-01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	5.9296e+01	-2.1356e+00	-1.0370e+00
731	1553	0.0000e+00	0.0000e+00	0.0000e+00	6.3704e+01	5.5276e+01	-6.2887e+00
	1843	0.0000e+00	0.0000e+00	0.0000e+00	1.0829e+01	1.5424e+01	-3.6828e+00
	1844	0.0000e+00	0.0000e+00	0.0000e+00	2.1320e+01	8.2717e+00	-1.5718e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	5.7846e+01	-3.6331e+01	-4.1777e+00
732	1552	0.0000e+00	0.0000e+00	0.0000e+00	6.8537e+01	1.3097e+02	-1.4300e+01
	1842	0.0000e+00	0.0000e+00	0.0000e+00	6.5587e+00	5.4196e+01	-8.2397e+00
	1843	0.0000e+00	0.0000e+00	0.0000e+00	2.7193e+01	3.7396e+01	-3.1851e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	5.8678e+01	-5.0746e+01	-9.2459e+00
733	25	0.0000e+00	0.0000e+00	0.0000e+00	8.8534e+01	2.3263e+02	-3.9389e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	-3.6326e+01	1.2558e+02	-1.8367e+01

	1842	0.0000e+00	0.0000e+00	0.0000e+00	3.2068e+01	9.8649e+01	-5.1997e-01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	5.7514e+01	-4.8560e+01	-2.1542e+01
734	1515	0.0000e+00	0.0000e+00	0.0000e+00	3.0988e+01	-1.1104e+02	1.1602e+01
	1841	0.0000e+00	0.0000e+00	0.0000e+00	2.0483e+01	-1.4707e+01	-1.1131e+00
	88	0.0000e+00	0.0000e+00	0.0000e+00	-1.6219e+01	8.9242e+00	4.5812e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	4.5085e+01	9.2445e+01	1.7296e+01
735	1514	0.0000e+00	0.0000e+00	0.0000e+00	3.1821e+01	-1.2062e+02	1.0663e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	1.7032e+01	-5.5568e+01	5.4201e+00
	1841	0.0000e+00	0.0000e+00	0.0000e+00	3.8738e-01	-4.4628e+01	3.6887e+00
	1515	0.0000e+00	0.0000e+00	0.0000e+00	3.9145e+01	2.4318e+01	8.9318e+00
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	3.1065e+01	-1.1850e+02	1.3017e+01
	1839	0.0000e+00	0.0000e+00	0.0000e+00	1.3503e+01	-8.0050e+01	1.0221e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	3.6296e+00	-7.4394e+01	7.4306e+00
	1514	0.0000e+00	0.0000e+00	0.0000e+00	3.5966e+01	-2.9664e+01	1.0227e+01
737	1512	0.0000e+00	0.0000e+00	0.0000e+00	3.0592e+01	-1.0358e+02	1.5918e+01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	1.0137e+01	-9.1919e+01	1.5247e+01
	1839	0.0000e+00	0.0000e+00	0.0000e+00	6.5107e+00	-8.9915e+01	1.2081e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	3.3024e+01	-7.1133e+01	1.2753e+01
738	1511	0.0000e+00	0.0000e+00	0.0000e+00	3.1615e+01	-7.7341e+01	1.9393e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	7.0992e+00	-9.1422e+01	2.0197e+01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	9.4905e+00	-9.2882e+01	1.6926e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	3.0654e+01	-9.9601e+01	1.6121e+01
739	1510	0.0000e+00	0.0000e+00	0.0000e+00	3.4914e+01	-3.9292e+01	2.2643e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	4.5461e+00	-7.8370e+01	2.4567e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	1.2893e+01	-8.3469e+01	2.1703e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	2.9987e+01	-1.1610e+02	1.9779e+01
740	1509	0.0000e+00	0.0000e+00	0.0000e+00	4.0874e+01	1.2018e+01	2.4520e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	2.4484e+00	-5.2143e+01	2.7524e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	1.7038e+01	-6.1258e+01	2.5829e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	3.1626e+01	-1.2160e+02	2.2825e+01
741	1508	0.0000e+00	0.0000e+00	0.0000e+00	4.9359e+01	7.8784e+01	2.3459e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	4.9094e-01	-1.1365e+01	2.7950e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	2.2097e+01	-2.5272e+01	2.8454e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	3.5736e+01	-1.1655e+02	2.3963e+01
742	1507	0.0000e+00	0.0000e+00	0.0000e+00	5.8433e+01	1.6336e+02	1.6788e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-4.1914e-01	4.8184e+01	2.3523e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	2.8217e+01	2.5718e+01	2.8166e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	4.1769e+01	-9.9908e+01	2.1431e+01
743	32	0.0000e+00	0.0000e+00	0.0000e+00	9.0490e+01	2.7345e+02	-9.4564e+00
	87	0.0000e+00	0.0000e+00	0.0000e+00	-4.6026e+01	1.3791e+02	1.0770e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	3.4646e+01	1.0652e+02	3.1138e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	4.5775e+01	-7.4842e+01	1.0912e+01
744	1446	0.0000e+00	0.0000e+00	0.0000e+00	4.0704e+01	-7.4774e+01	5.3968e+00
	1832	0.0000e+00	0.0000e+00	0.0000e+00	3.7323e+01	1.0091e+02	-1.2248e+01
	87	0.0000e+00	0.0000e+00	0.0000e+00	-4.7364e+01	1.3383e+02	8.9248e+00
	32	0.0000e+00	0.0000e+00	0.0000e+00	9.0887e+01	2.6620e+02	2.6569e+01
745	1445	0.0000e+00	0.0000e+00	0.0000e+00	3.6581e+01	-1.0008e+02	-2.5732e+00
	1831	0.0000e+00	0.0000e+00	0.0000e+00	2.8747e+01	1.8411e+01	-7.9933e+00
	1832	0.0000e+00	0.0000e+00	0.0000e+00	-3.7835e+00	3.7131e+01	-5.3298e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	5.8512e+01	1.5017e+02	9.0347e-02
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	3.0354e+01	-1.1253e+02	-1.7353e+00
	1830	0.0000e+00	0.0000e+00	0.0000e+00	2.1515e+01	-3.3297e+01	-4.8915e+00
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-1.1481e+00	-2.1923e+01	-7.0596e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	4.6845e+01	6.1747e+01	-3.9034e+00
747	1443	0.0000e+00	0.0000e+00	0.0000e+00	2.7021e+01	-1.1117e+02	3.6895e+00
	1829	0.0000e+00	0.0000e+00	0.0000e+00	1.5473e+01	-6.6879e+01	1.7863e+00
	1830	0.0000e+00	0.0000e+00	0.0000e+00	1.8743e+00	-6.0097e+01	-3.1883e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	3.6898e+01	-5.6313e+00	-1.2851e+00
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	2.7226e+01	-9.6414e+01	1.1369e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	1.0617e+01	-8.3616e+01	1.0299e+01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	5.2331e+00	-8.0877e+01	3.9514e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	3.0518e+01	-5.5094e+01	5.0211e+00
749	1441	0.0000e+00	0.0000e+00	0.0000e+00	3.1209e+01	-6.7009e+01	1.9386e+01

	1827	0.0000e+00	0.0000e+00	0.0000e+00	6.7548e+00	-8.4097e+01	1.9076e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	9.4586e+00	-8.5292e+01	1.2658e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	2.7898e+01	-8.9252e+01	1.2968e+01
750	1440	0.0000e+00	0.0000e+00	0.0000e+00	3.9116e+01	-2.0660e+01	2.5898e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	3.5934e+00	-6.7820e+01	2.6482e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	1.4857e+01	-7.3194e+01	2.1309e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	2.8995e+01	-1.0977e+02	2.0725e+01
751	1439	0.0000e+00	0.0000e+00	0.0000e+00	5.0764e+01	4.5917e+01	2.8811e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	5.9286e-01	-3.3137e+01	3.0820e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	2.1624e+01	-4.3343e+01	2.8337e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	3.3660e+01	-1.1732e+02	2.6329e+01
752	1438	0.0000e+00	0.0000e+00	0.0000e+00	6.4081e+01	1.3652e+02	2.5242e+01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-2.6932e+00	2.3645e+01	3.0084e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	2.9625e+01	6.2714e+00	3.2158e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	4.1231e+01	-1.1084e+02	2.7316e+01
753	31	0.0000e+00	0.0000e+00	0.0000e+00	9.0419e+01	2.5762e+02	1.3455e+00
	86	0.0000e+00	0.0000e+00	0.0000e+00	-4.2848e+01	1.1602e+02	2.0164e+01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	3.7831e+01	8.7027e+01	3.7534e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	4.6540e+01	-9.0099e+01	1.8715e+01
754	1823	0.0000e+00	0.0000e+00	0.0000e+00	6.7409e+01	-2.3640e+00	-3.9982e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	1.0524e+02	-1.5692e+02	1.1554e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	1.5546e+02	1.5726e+02	-6.7331e+00
	77	0.0000e+00	0.0000e+00	0.0000e+00	1.0881e+02	4.3848e+01	-5.8269e+01
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	3.5729e+01	-5.1406e+01	-3.7809e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	6.1057e+01	-1.5547e+02	8.5373e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	1.0145e+02	5.1029e+01	9.6089e-01
	1823	0.0000e+00	0.0000e+00	0.0000e+00	1.7231e+01	-3.5992e+01	-1.1357e+01
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	2.1957e+01	-9.0109e+01	1.6484e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	4.5686e+01	-1.4740e+02	4.7707e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	6.1933e+01	-2.5218e+01	4.0047e+00
	1822	0.0000e+00	0.0000e+00	0.0000e+00	1.1261e+01	-8.0781e+01	8.8233e-01
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	1.4488e+01	-1.0819e+02	3.7042e-01
	686	0.0000e+00	0.0000e+00	0.0000e+00	3.9716e+01	-1.2923e+02	1.7809e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	4.6811e+01	-7.9635e+01	3.6031e+00
	1821	0.0000e+00	0.0000e+00	0.0000e+00	9.9014e+00	-1.0478e+02	2.1926e+00
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	9.6981e+00	-1.1004e+02	-3.1117e+00
	684	0.0000e+00	0.0000e+00	0.0000e+00	3.8676e+01	-9.9674e+01	-1.4911e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	3.9485e+01	-1.1587e+02	1.1144e+00
	1820	0.0000e+00	0.0000e+00	0.0000e+00	1.1770e+01	-1.1137e+02	-5.0616e-01
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	6.5298e+00	-9.6611e+01	-6.2338e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	4.1943e+01	-5.7709e+01	-4.2320e+00
	684	0.0000e+00	0.0000e+00	0.0000e+00	3.6866e+01	-1.3672e+02	-2.1452e+00
	1819	0.0000e+00	0.0000e+00	0.0000e+00	1.5166e+01	-1.0251e+02	-4.1470e+00
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	4.9331e+00	-6.7607e+01	-6.7685e+00
	680	0.0000e+00	0.0000e+00	0.0000e+00	5.0503e+01	-1.6597e+00	-4.8923e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	3.8627e+01	-1.4427e+02	-4.8279e+00
	1818	0.0000e+00	0.0000e+00	0.0000e+00	2.0144e+01	-7.8468e+01	-6.7041e+00
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	5.9181e+00	-2.1488e+01	-1.5528e+00
	678	0.0000e+00	0.0000e+00	0.0000e+00	6.7128e+01	7.1248e+01	-1.2882e+00
	680	0.0000e+00	0.0000e+00	0.0000e+00	4.5942e+01	-1.4014e+02	-5.3873e+00
	1817	0.0000e+00	0.0000e+00	0.0000e+00	2.7574e+01	-3.8177e+01	-5.6518e+00
762	1815	0.0000e+00	0.0000e+00	0.0000e+00	6.3949e+00	4.0603e+01	1.2865e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	1.0287e+02	1.6532e+02	8.4232e+00
	678	0.0000e+00	0.0000e+00	0.0000e+00	6.2401e+01	-1.2656e+02	-2.4134e+00
	1816	0.0000e+00	0.0000e+00	0.0000e+00	3.8967e+01	2.2540e+01	2.0289e+00
763	76	0.0000e+00	0.0000e+00	0.0000e+00	6.9400e+01	9.4147e+01	3.0783e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	1.1538e+02	2.8492e+02	1.2934e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	1.0076e+02	-1.0586e+02	1.1370e+01
	1815	0.0000e+00	0.0000e+00	0.0000e+00	5.2296e+01	8.8433e+01	2.9218e+01
764	1814	0.0000e+00	0.0000e+00	0.0000e+00	5.3096e+01	8.9317e+01	-3.2336e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	9.1852e+01	-9.7166e+01	-1.2270e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	1.1674e+02	2.7433e+02	-1.4730e+01
	76	0.0000e+00	0.0000e+00	0.0000e+00	6.7453e+01	9.2879e+01	-3.4796e+01

765	1813	0.0000e+00	0.0000e+00	0.0000e+00	3.7341e+01	1.9664e+01	-5.4206e+00
	574	0.0000e+00	0.0000e+00	0.0000e+00	5.3693e+01	-1.1362e+02	-1.9733e-01
	576	0.0000e+00	0.0000e+00	0.0000e+00	9.7468e+01	1.4990e+02	-1.0276e+01
	1814	0.0000e+00	0.0000e+00	0.0000e+00	3.7807e+00	3.7227e+01	-1.5499e+01
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	2.5069e+01	-3.7740e+01	-4.1604e-01
	572	0.0000e+00	0.0000e+00	0.0000e+00	3.8411e+01	-1.2187e+02	1.7058e-01
	574	0.0000e+00	0.0000e+00	0.0000e+00	6.1418e+01	5.6072e+01	-1.6500e+00
	1813	0.0000e+00	0.0000e+00	0.0000e+00	3.2096e+00	-2.4336e+01	-2.2366e+00
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	1.7180e+01	-7.2606e+01	-2.9200e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	3.2298e+01	-1.1875e+02	-3.6443e+00
	572	0.0000e+00	0.0000e+00	0.0000e+00	4.4200e+01	-1.3452e+01	-9.5660e-01
	1812	0.0000e+00	0.0000e+00	0.0000e+00	3.8619e+00	-6.5091e+01	-2.3226e-01
768	1810	0.0000e+00	0.0000e+00	0.0000e+00	1.1759e+01	-8.9050e+01	-8.7437e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	3.2258e+01	-1.0229e+02	-9.6219e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	3.5513e+01	-6.3822e+01	-5.0664e+00
	1811	0.0000e+00	0.0000e+00	0.0000e+00	6.7860e+00	-8.6382e+01	-4.1882e+00
769	1809	0.0000e+00	0.0000e+00	0.0000e+00	7.9707e+00	-8.7932e+01	-1.4703e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	3.7714e+01	-7.0596e+01	-1.5504e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	3.2808e+01	-9.8321e+01	-1.1155e+01
	1810	0.0000e+00	0.0000e+00	0.0000e+00	1.1311e+01	-8.9881e+01	-1.0354e+01
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	5.6593e+00	-6.8357e+01	-1.7786e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	4.9696e+01	-2.0827e+01	-1.8835e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	3.5542e+01	-1.1895e+02	-1.6857e+01
	1809	0.0000e+00	0.0000e+00	0.0000e+00	1.7762e+01	-7.5467e+01	-1.5808e+01
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	5.8914e+00	-2.7539e+01	-1.3750e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	7.1655e+01	5.1289e+01	-1.6561e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	4.4822e+01	-1.2693e+02	-1.9910e+01
	1808	0.0000e+00	0.0000e+00	0.0000e+00	2.7227e+01	-4.1249e+01	-1.7099e+01
772	1806	0.0000e+00	0.0000e+00	0.0000e+00	6.9705e+00	3.6378e+01	3.6070e+00
	560	0.0000e+00	0.0000e+00	0.0000e+00	1.1745e+02	1.5230e+02	-5.2818e+00
	562	0.0000e+00	0.0000e+00	0.0000e+00	6.4867e+01	-1.2400e+02	-1.8355e+01
	1807	0.0000e+00	0.0000e+00	0.0000e+00	4.2176e+01	1.8661e+01	-9.4657e+00
773	75	0.0000e+00	0.0000e+00	0.0000e+00	1.0524e+02	8.8665e+01	2.7411e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.3248e+02	2.8903e+02	-3.9831e+00
	560	0.0000e+00	0.0000e+00	0.0000e+00	1.1465e+02	-1.1223e+02	-3.3686e+00
	1806	0.0000e+00	0.0000e+00	0.0000e+00	6.1670e+01	8.6885e+01	2.8026e+01
774	1805	0.0000e+00	0.0000e+00	0.0000e+00	6.2798e+01	8.4325e+01	-3.4711e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	1.1629e+02	-1.2153e+02	-3.3362e+00
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.3495e+02	2.9337e+02	-1.4568e+00
	74	0.0000e+00	0.0000e+00	0.0000e+00	1.0549e+02	8.3676e+01	-3.2832e+01
775	1804	0.0000e+00	0.0000e+00	0.0000e+00	4.3308e+01	1.2943e+01	2.5649e+00
	457	0.0000e+00	0.0000e+00	0.0000e+00	6.5663e+01	-1.3482e+02	1.1311e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	1.1937e+02	1.5281e+02	-1.5230e+00
	1805	0.0000e+00	0.0000e+00	0.0000e+00	6.7064e+00	3.1295e+01	-1.0270e+01
776	1803	0.0000e+00	0.0000e+00	0.0000e+00	2.8154e+01	-4.9603e+01	9.7839e+00
	455	0.0000e+00	0.0000e+00	0.0000e+00	4.5601e+01	-1.3909e+02	1.2244e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	7.2953e+01	4.8260e+01	9.2924e+00
	1804	0.0000e+00	0.0000e+00	0.0000e+00	5.6130e+00	-3.5185e+01	6.8322e+00
777	1802	0.0000e+00	0.0000e+00	0.0000e+00	1.8578e+01	-8.5750e+01	7.8716e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	3.6785e+01	-1.3169e+02	8.4693e+00
	455	0.0000e+00	0.0000e+00	0.0000e+00	5.0957e+01	-2.7093e+01	1.0954e+01
	1803	0.0000e+00	0.0000e+00	0.0000e+00	5.5746e+00	-7.8117e+01	1.0357e+01
778	1801	0.0000e+00	0.0000e+00	0.0000e+00	1.2081e+01	-1.0123e+02	1.7737e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	3.4961e+01	-1.1051e+02	2.0664e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	3.9348e+01	-7.9818e+01	6.9098e+00
	1802	0.0000e+00	0.0000e+00	0.0000e+00	8.2670e+00	-9.9005e+01	6.6171e+00
779	1800	0.0000e+00	0.0000e+00	0.0000e+00	7.5664e+00	-9.7645e+01	-4.8481e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	3.9131e+01	-7.3885e+01	-4.5362e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	3.4659e+01	-1.1414e+02	3.5054e-01
	1801	0.0000e+00	0.0000e+00	0.0000e+00	1.2649e+01	-1.0038e+02	3.8644e-02
780	1799	0.0000e+00	0.0000e+00	0.0000e+00	4.7689e+00	-7.4631e+01	-8.7497e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	5.0148e+01	-1.9216e+01	-8.7367e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	3.5973e+01	-1.3279e+02	-6.1144e+00

	1800	0.0000e+00	0.0000e+00	0.0000e+00	1.8970e+01	-8.2734e+01	-6.1275e+00
781	1798	0.0000e+00	0.0000e+00	0.0000e+00	4.6783e+00	-2.9800e+01	-5.5296e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	7.1409e+01	5.7563e+01	-7.3507e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	4.4222e+01	-1.3754e+02	-1.0060e+01
	1799	0.0000e+00	0.0000e+00	0.0000e+00	2.8305e+01	-4.4635e+01	-8.2393e+00
782	1797	0.0000e+00	0.0000e+00	0.0000e+00	6.1034e+00	3.8548e+01	1.1250e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	1.1650e+02	1.6282e+02	3.1320e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	6.3572e+01	-1.3057e+02	-9.3998e+00
	1798	0.0000e+00	0.0000e+00	0.0000e+00	4.3156e+01	1.9340e+01	-1.2815e+00
783	73	0.0000e+00	0.0000e+00	0.0000e+00	9.4640e+01	9.5470e+01	3.4946e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.3906e+02	3.0363e+02	5.1013e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	1.1255e+02	-1.1509e+02	4.3298e+00
	1797	0.0000e+00	0.0000e+00	0.0000e+00	6.2786e+01	9.4646e+01	3.4175e+01
784	1371	0.0000e+00	0.0000e+00	0.0000e+00	4.5769e+01	-9.7369e+01	-1.3572e+01
	1796	0.0000e+00	0.0000e+00	0.0000e+00	3.8002e+01	8.1720e+01	-3.2730e+01
	85	0.0000e+00	0.0000e+00	0.0000e+00	-4.3311e+01	1.1128e+02	-1.5838e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	8.9616e+01	2.5581e+02	3.3210e+00
785	1370	0.0000e+00	0.0000e+00	0.0000e+00	4.0582e+01	-1.1954e+02	-2.1494e+01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	2.9878e+01	-4.3280e-01	-2.6622e+01
	1796	0.0000e+00	0.0000e+00	0.0000e+00	-3.2363e+00	1.7377e+01	-2.5106e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	6.3667e+01	1.3338e+02	-1.9978e+01
786	1369	0.0000e+00	0.0000e+00	0.0000e+00	3.3226e+01	-1.2713e+02	-1.9655e+01
	1794	0.0000e+00	0.0000e+00	0.0000e+00	2.1909e+01	-5.1446e+01	-2.1967e+01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	1.5851e-01	-4.0820e+01	-2.5094e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	5.0455e+01	4.1256e+01	-2.2781e+01
787	1368	0.0000e+00	0.0000e+00	0.0000e+00	2.8951e+01	-1.2027e+02	-1.3114e+01
	1793	0.0000e+00	0.0000e+00	0.0000e+00	1.5169e+01	-8.2496e+01	-1.4040e+01
	1794	0.0000e+00	0.0000e+00	0.0000e+00	3.3014e+00	-7.6750e+01	-1.9912e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	3.9007e+01	-2.6967e+01	-1.8986e+01
788	1367	0.0000e+00	0.0000e+00	0.0000e+00	2.8477e+01	-9.9749e+01	-4.3975e+00
	1792	0.0000e+00	0.0000e+00	0.0000e+00	9.7980e+00	-9.5425e+01	-4.4606e+00
	1793	0.0000e+00	0.0000e+00	0.0000e+00	6.6986e+00	-9.3951e+01	-1.1593e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	3.1453e+01	-7.5037e+01	-1.1530e+01
789	1366	0.0000e+00	0.0000e+00	0.0000e+00	3.2007e+01	-6.4572e+01	4.4507e+00
	1791	0.0000e+00	0.0000e+00	0.0000e+00	5.5941e+00	-9.1241e+01	5.1345e+00
	1792	0.0000e+00	0.0000e+00	0.0000e+00	1.0922e+01	-9.3857e+01	-1.8861e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	2.8016e+01	-1.0616e+02	-2.5700e+00
790	1365	0.0000e+00	0.0000e+00	0.0000e+00	3.9636e+01	-1.2632e+01	1.1494e+01
	1790	0.0000e+00	0.0000e+00	0.0000e+00	2.2378e+00	-6.9779e+01	1.3034e+01
	1791	0.0000e+00	0.0000e+00	0.0000e+00	1.6297e+01	-7.6680e+01	7.5058e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	2.8588e+01	-1.2252e+02	5.9660e+00
791	1364	0.0000e+00	0.0000e+00	0.0000e+00	5.1197e+01	5.9203e+01	1.4539e+01
	1789	0.0000e+00	0.0000e+00	0.0000e+00	-8.3170e-01	-2.9607e+01	1.7419e+01
	1790	0.0000e+00	0.0000e+00	0.0000e+00	2.3040e+01	-4.1462e+01	1.4920e+01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	3.2957e+01	-1.2516e+02	1.2040e+01
792	1363	0.0000e+00	0.0000e+00	0.0000e+00	6.4782e+01	1.5463e+02	1.0434e+01
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-3.6940e+00	3.3288e+01	1.5818e+01
	1789	0.0000e+00	0.0000e+00	0.0000e+00	3.1148e+01	1.3542e+01	1.8523e+01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	4.0468e+01	-1.1333e+02	1.3140e+01
793	29	0.0000e+00	0.0000e+00	0.0000e+00	9.8713e+01	2.8055e+02	-1.7275e+01
	84	0.0000e+00	0.0000e+00	0.0000e+00	-4.8147e+01	1.3658e+02	1.1158e+00
	1788	0.0000e+00	0.0000e+00	0.0000e+00	4.0599e+01	1.0150e+02	2.3045e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	4.5930e+01	-8.7331e+01	4.6542e+00
794	1296	0.0000e+00	0.0000e+00	0.0000e+00	4.5932e+01	-8.7343e+01	-4.6763e+00
	1787	0.0000e+00	0.0000e+00	0.0000e+00	4.0616e+01	1.0150e+02	-2.3053e+01
	82	0.0000e+00	0.0000e+00	0.0000e+00	-4.8152e+01	1.3665e+02	-1.0920e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	9.8762e+01	2.8057e+02	1.7285e+01
795	1295	0.0000e+00	0.0000e+00	0.0000e+00	4.0469e+01	-1.1335e+02	-1.3154e+01
	1786	0.0000e+00	0.0000e+00	0.0000e+00	3.1152e+01	1.3532e+01	-1.8537e+01
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-3.6940e+00	3.3286e+01	-1.5831e+01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	6.4787e+01	1.5464e+02	-1.0448e+01
796	1294	0.0000e+00	0.0000e+00	0.0000e+00	3.2957e+01	-1.2518e+02	-1.2051e+01
	1785	0.0000e+00	0.0000e+00	0.0000e+00	2.3042e+01	-4.1477e+01	-1.4931e+01

	1786	0.0000e+00	0.0000e+00	0.0000e+00	-8.3255e-01	-2.9621e+01	-1.7432e+01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	5.1200e+01	5.9200e+01	-1.4552e+01
797	1293	0.0000e+00	0.0000e+00	0.0000e+00	2.8588e+01	-1.2254e+02	-5.9734e+00
	1784	0.0000e+00	0.0000e+00	0.0000e+00	1.6298e+01	-7.6699e+01	-7.5129e+00
	1785	0.0000e+00	0.0000e+00	0.0000e+00	2.2372e+00	-6.9797e+01	-1.3044e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	3.9638e+01	-1.2643e+01	-1.1504e+01
798	1292	0.0000e+00	0.0000e+00	0.0000e+00	2.8013e+01	-1.0619e+02	2.5667e+00
	1783	0.0000e+00	0.0000e+00	0.0000e+00	1.0922e+01	-9.3878e+01	1.8836e+00
	1784	0.0000e+00	0.0000e+00	0.0000e+00	5.5935e+00	-9.1262e+01	-5.1405e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	3.2007e+01	-6.4587e+01	-4.4574e+00
799	1291	0.0000e+00	0.0000e+00	0.0000e+00	3.1448e+01	-7.5056e+01	1.1532e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	6.6979e+00	-9.3974e+01	1.1596e+01
	1783	0.0000e+00	0.0000e+00	0.0000e+00	9.7971e+00	-9.5447e+01	4.4593e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	2.8474e+01	-9.9767e+01	4.3952e+00
800	1290	0.0000e+00	0.0000e+00	0.0000e+00	3.9001e+01	-2.6984e+01	1.8995e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	3.3004e+00	-7.6774e+01	1.9921e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	1.5168e+01	-8.2520e+01	1.4044e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	2.8945e+01	-1.2029e+02	1.3117e+01
801	1289	0.0000e+00	0.0000e+00	0.0000e+00	5.0449e+01	4.1241e+01	2.2798e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	1.5829e-01	-4.0844e+01	2.5109e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	2.1908e+01	-5.1470e+01	2.1977e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	3.3220e+01	-1.2715e+02	1.9666e+01
802	1288	0.0000e+00	0.0000e+00	0.0000e+00	6.3671e+01	1.3337e+02	2.0005e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-3.2292e+00	1.7354e+01	2.5127e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	2.9880e+01	-4.5548e-01	2.6637e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	4.0578e+01	-1.1956e+02	2.1514e+01
803	26	0.0000e+00	0.0000e+00	0.0000e+00	8.9683e+01	2.5583e+02	-3.2740e+00
	81	0.0000e+00	0.0000e+00	0.0000e+00	-4.3322e+01	1.1123e+02	1.5867e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	3.8015e+01	8.1714e+01	3.2750e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	4.5778e+01	-9.7415e+01	1.3609e+01
804	1778	0.0000e+00	0.0000e+00	0.0000e+00	6.2918e+01	9.5373e+01	-3.3948e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	1.1262e+02	-1.1498e+02	-4.1945e+00
	5	0.0000e+00	0.0000e+00	0.0000e+00	1.3929e+02	3.0496e+02	-5.1449e+00
	71	0.0000e+00	0.0000e+00	0.0000e+00	9.4430e+01	9.6550e+01	-3.4899e+01
805	1777	0.0000e+00	0.0000e+00	0.0000e+00	4.3251e+01	1.9762e+01	1.5197e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	6.3659e+01	-1.3064e+02	9.6030e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	1.1666e+02	1.6376e+02	-2.9615e+00
	1778	0.0000e+00	0.0000e+00	0.0000e+00	6.0578e+00	3.9054e+01	-1.1045e+01
806	1776	0.0000e+00	0.0000e+00	0.0000e+00	2.8380e+01	-4.4438e+01	8.4861e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	4.4271e+01	-1.3775e+02	1.0294e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	7.1542e+01	5.8192e+01	7.5730e+00
	1777	0.0000e+00	0.0000e+00	0.0000e+00	4.6451e+00	-2.9554e+01	5.7646e+00
807	1775	0.0000e+00	0.0000e+00	0.0000e+00	1.9025e+01	-8.2729e+01	6.3701e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	3.5973e+01	-1.3312e+02	6.3530e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	5.0231e+01	-1.8827e+01	8.9774e+00
	1776	0.0000e+00	0.0000e+00	0.0000e+00	4.7338e+00	-7.4586e+01	8.9945e+00
808	1774	0.0000e+00	0.0000e+00	0.0000e+00	1.2688e+01	-1.0055e+02	1.8477e-01
	334	0.0000e+00	0.0000e+00	0.0000e+00	3.4606e+01	-1.1461e+02	-1.2922e-01
	336	0.0000e+00	0.0000e+00	0.0000e+00	3.9159e+01	-7.3681e+01	4.7732e+00
	1775	0.0000e+00	0.0000e+00	0.0000e+00	7.5214e+00	-9.7777e+01	5.0872e+00
809	1773	0.0000e+00	0.0000e+00	0.0000e+00	8.2942e+00	-9.9350e+01	-6.4295e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	3.9242e+01	-8.0461e+01	-6.7257e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	3.4936e+01	-1.1046e+02	-1.8529e+00
	1774	0.0000e+00	0.0000e+00	0.0000e+00	1.2021e+01	-1.0154e+02	-1.5568e+00
810	1772	0.0000e+00	0.0000e+00	0.0000e+00	5.5929e+00	-7.8653e+01	-1.0224e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	5.0797e+01	-2.7949e+01	-1.0827e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	3.6710e+01	-1.3177e+02	-8.2983e+00
	1773	0.0000e+00	0.0000e+00	0.0000e+00	1.8499e+01	-8.6238e+01	-7.6945e+00
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	5.6222e+00	-3.5944e+01	-6.7796e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	7.2726e+01	4.7136e+01	-9.2455e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	4.5476e+01	-1.3929e+02	-1.2134e+01
	1772	0.0000e+00	0.0000e+00	0.0000e+00	2.8050e+01	-5.0302e+01	-9.6682e+00
812	1770	0.0000e+00	0.0000e+00	0.0000e+00	6.6870e+00	3.0261e+01	1.0200e+01



		326	0.0000e+00	0.0000e+00	0.0000e+00	1.1904e+02	1.5134e+02	1.4645e+00
		328	0.0000e+00	0.0000e+00	0.0000e+00	6.5476e+01	-1.3516e+02	-1.1280e+01
		1771	0.0000e+00	0.0000e+00	0.0000e+00	4.3164e+01	1.1988e+01	-2.5448e+00
813	70	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.0555e+02	8.2399e+01	3.2607e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3429e+02	2.9146e+02	1.2791e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1599e+02	-1.2198e+02	3.2762e+00
	1770	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.2590e+01	8.2999e+01	3.4604e+01
814	1769	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.2006e+01	8.8940e+01	-2.7650e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1503e+02	-1.1172e+02	3.5954e+00
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3323e+02	2.9243e+02	3.8845e+00
	69	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.0491e+02	9.1173e+01	-2.7361e+01
815	1768	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.2432e+01	2.0028e+01	9.9548e+00
	231	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.5208e+01	-1.2380e+02	1.8794e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1800e+02	1.5474e+02	5.5944e+00
	1769	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.9280e+00	3.7911e+01	-3.2450e+00
816	1767	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.7424e+01	-4.0372e+01	1.7689e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.5067e+01	-1.2696e+02	2.0482e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.2089e+01	5.3014e+01	1.7050e+01
	1768	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.8637e+00	-2.6558e+01	1.4257e+01
817	1766	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.7906e+01	-7.4975e+01	1.6462e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.5681e+01	-1.1917e+02	1.7509e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.0006e+01	-1.9647e+01	1.9436e+01
	1767	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.6290e+00	-6.7788e+01	1.8389e+01
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1411e+01	-8.9708e+01	1.1040e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.2838e+01	-9.8738e+01	1.1846e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.7902e+01	-6.9820e+01	1.6171e+01
	1766	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.9252e+00	-8.7696e+01	1.5364e+01
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.8543e+00	-8.6498e+01	4.8777e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.5434e+01	-6.4476e+01	5.7623e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.2329e+01	-1.0181e+02	1.0317e+01
	1765	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1689e+01	-8.9108e+01	9.4327e+00
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.9092e+00	-6.5502e+01	8.9852e-01
	221	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.4012e+01	-1.4422e+01	1.6232e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.2262e+01	-1.1849e+02	4.3328e+00
	1764	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.7076e+01	-7.2954e+01	3.6081e+00
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.2506e+00	-2.5090e+01	2.8536e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.1129e+01	5.4673e+01	2.2513e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.8277e+01	-1.2181e+02	4.7544e-01
	1763	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.4925e+01	-3.8414e+01	1.0777e+00
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.8282e+00	3.6008e+01	1.6026e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	9.7106e+01	1.4792e+02	1.0757e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.3483e+01	-1.1376e+02	7.6123e-01
	1762	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.7149e+01	1.8598e+01	6.0297e+00
823	68	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.7808e+01	9.0587e+01	3.4958e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1606e+02	2.7157e+02	1.4794e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	9.1644e+01	-9.7572e+01	1.2710e+01
	1761	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.2795e+01	8.7670e+01	3.2873e+01
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.2018e+01	8.6641e+01	-2.9456e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.0045e+02	-1.0631e+02	-1.1473e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1463e+02	2.8206e+02	-1.2767e+01
	68	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.9804e+01	9.2020e+01	-3.0750e+01
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.8765e+01	2.1347e+01	-2.3118e+00
	115	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.2095e+01	-1.2683e+02	2.1773e+00
	117	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.0246e+02	1.6323e+02	-8.5728e+00
	1760	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.3772e+00	3.9238e+01	-1.3062e+01
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.7418e+01	-3.9019e+01	5.2994e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.5694e+01	-1.4027e+02	5.0582e+00
	115	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.6769e+01	6.9728e+01	1.0133e+00
	1759	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.9139e+00	-2.2426e+01	1.2546e+00
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.0029e+01	-7.9040e+01	6.3110e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.8448e+01	-1.4432e+02	4.4391e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.0222e+01	-2.7427e+00	4.5376e+00
	1758	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.9267e+00	-6.8246e+01	6.4095e+00

828	1756	0.0000e+00	0.0000e+00	0.0000e+00	1.5087e+01	-1.0288e+02	3.7352e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	3.6763e+01	-1.3671e+02	1.7245e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	4.1745e+01	-5.8469e+01	3.8272e+00
	1757	0.0000e+00	0.0000e+00	0.0000e+00	6.5299e+00	-9.7029e+01	5.8378e+00
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	1.1725e+01	-1.1158e+02	9.8792e-02
	107	0.0000e+00	0.0000e+00	0.0000e+00	3.9468e+01	-1.1580e+02	-1.5419e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	3.8564e+01	-1.0020e+02	1.0613e+00
	1756	0.0000e+00	0.0000e+00	0.0000e+00	9.7122e+00	-1.1028e+02	2.7019e+00
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	9.8952e+00	-1.0484e+02	-2.5652e+00
	105	0.0000e+00	0.0000e+00	0.0000e+00	4.6901e+01	-7.9480e+01	-4.0115e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	3.9697e+01	-1.2961e+02	-2.2137e+00
	1755	0.0000e+00	0.0000e+00	0.0000e+00	1.4528e+01	-1.0829e+02	-7.6741e-01
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	1.1317e+01	-8.0687e+01	-1.1668e+00
	103	0.0000e+00	0.0000e+00	0.0000e+00	6.2196e+01	-2.4930e+01	-4.3637e+00
	105	0.0000e+00	0.0000e+00	0.0000e+00	4.5784e+01	-1.4768e+02	-5.1886e+00
	1754	0.0000e+00	0.0000e+00	0.0000e+00	2.2045e+01	-9.0068e+01	-1.9917e+00
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	1.7397e+01	-3.5698e+01	1.1272e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	1.0211e+02	5.1547e+01	-1.2338e+00
	103	0.0000e+00	0.0000e+00	0.0000e+00	6.1354e+01	-1.5574e+02	-8.9351e+00
	1753	0.0000e+00	0.0000e+00	0.0000e+00	3.5926e+01	-5.1168e+01	3.5703e+00
833	67	0.0000e+00	0.0000e+00	0.0000e+00	1.0984e+02	4.4368e+01	5.8636e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	1.5672e+02	1.5818e+02	6.5070e+00
	101	0.0000e+00	0.0000e+00	0.0000e+00	1.0602e+02	-1.5727e+02	-1.1938e+01
	1752	0.0000e+00	0.0000e+00	0.0000e+00	6.7872e+01	-1.9544e+00	4.0191e+01
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	4.6569e+01	-8.9997e+01	-1.8870e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	3.7878e+01	8.7225e+01	-3.7653e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	-4.2882e+01	1.1632e+02	-2.0210e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	9.0597e+01	2.5786e+02	-1.4260e+00
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.1245e+01	-1.1074e+02	-2.7465e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	2.9639e+01	6.4207e+00	-3.2300e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-2.6840e+00	2.3808e+01	-3.0214e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	6.4113e+01	1.3670e+02	-2.5380e+01
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	3.3663e+01	-1.1722e+02	-2.6486e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	2.1630e+01	-4.3209e+01	-2.8491e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	5.9211e-01	-3.3002e+01	-3.0967e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	5.0779e+01	4.6078e+01	-2.8962e+01
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	2.8983e+01	-1.0969e+02	-2.0891e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	1.4859e+01	-7.3075e+01	-2.1470e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	3.5885e+00	-6.7700e+01	-2.6638e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	3.9120e+01	-2.0512e+01	-2.6058e+01
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	2.7866e+01	-8.9203e+01	-1.3139e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	9.4579e+00	-8.5194e+01	-1.2823e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	6.7436e+00	-8.3996e+01	-1.9238e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	3.1198e+01	-6.6865e+01	-1.9554e+01
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	3.0460e+01	-5.5099e+01	-5.1919e+00
	1746	0.0000e+00	0.0000e+00	0.0000e+00	5.2303e+00	-8.0812e+01	-4.1168e+00
	1747	0.0000e+00	0.0000e+00	0.0000e+00	1.0597e+01	-8.3544e+01	-1.0466e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	2.7196e+01	-9.6271e+01	-1.1541e+01
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	3.6808e+01	-5.7231e+00	1.1231e+00
	1745	0.0000e+00	0.0000e+00	0.0000e+00	1.8706e+00	-6.0086e+01	3.0304e+00
	1746	0.0000e+00	0.0000e+00	0.0000e+00	1.5440e+01	-6.6854e+01	-1.9513e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	2.6969e+01	-1.1103e+02	-3.8587e+00
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	4.6720e+01	6.1527e+01	3.7629e+00
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-1.1496e+00	-2.1993e+01	6.9187e+00
	1745	0.0000e+00	0.0000e+00	0.0000e+00	2.1467e+01	-3.3344e+01	4.7348e+00
	1215	0.0000e+00	0.0000e+00	0.0000e+00	3.0274e+01	-1.1240e+02	1.5791e+00
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	5.8362e+01	1.4977e+02	-1.9025e-01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-3.7699e+00	3.6941e+01	5.2147e+00
	1744	0.0000e+00	0.0000e+00	0.0000e+00	2.8685e+01	1.8256e+01	7.8513e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	3.6476e+01	-9.9969e+01	2.4464e+00
843	24	0.0000e+00	0.0000e+00	0.0000e+00	9.0792e+01	2.6558e+02	-2.6579e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	-4.7285e+01	1.3345e+02	-9.0111e+00
	1743	0.0000e+00	0.0000e+00	0.0000e+00	3.7265e+01	1.0061e+02	1.2113e+01

	1213	0.0000e+00	0.0000e+00	0.0000e+00	4.0598e+01	-7.4738e+01	-5.4552e+00
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	4.5631e+01	-7.4675e+01	-1.1068e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	3.4579e+01	1.0615e+02	-3.1182e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	-4.5916e+01	1.3752e+02	-1.0833e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	9.0368e+01	2.7257e+02	9.2812e+00
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	4.1623e+01	-9.9631e+01	-2.1510e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	2.8130e+01	2.5568e+01	-2.8208e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-4.0027e-01	4.7975e+01	-2.3595e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	5.8243e+01	1.6279e+02	-1.6896e+01
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	3.5601e+01	-1.1621e+02	-2.4006e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	2.2020e+01	-2.5250e+01	-2.8476e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	4.8882e-01	-1.1392e+01	-2.7993e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	4.9185e+01	7.8476e+01	-2.3522e+01
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	3.1499e+01	-1.2122e+02	-2.2846e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	1.6974e+01	-6.1109e+01	-2.5837e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	2.4376e+00	-5.2029e+01	-2.7545e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	4.0720e+01	1.1926e+01	-2.4554e+01
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	2.9861e+01	-1.1572e+02	-1.9787e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	1.2840e+01	-8.3238e+01	-2.1700e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	4.5268e+00	-7.8161e+01	-2.4573e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	3.4773e+01	-3.9210e+01	-2.2660e+01
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	3.0518e+01	-9.9268e+01	-1.6118e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	9.4482e+00	-9.2610e+01	-1.6915e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	7.0699e+00	-9.1159e+01	-2.0194e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	3.1479e+01	-7.7123e+01	-1.9397e+01
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	3.2875e+01	-7.0888e+01	-1.2736e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	6.4781e+00	-8.9645e+01	-1.2063e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	1.0096e+01	-9.1646e+01	-1.5237e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	3.0454e+01	-1.0326e+02	-1.5910e+01
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	3.5805e+01	-2.9555e+01	-1.0193e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	3.6083e+00	-7.4169e+01	-7.4048e+00
	1736	0.0000e+00	0.0000e+00	0.0000e+00	1.3450e+01	-7.9810e+01	-1.0204e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	3.0920e+01	-1.1813e+02	-1.2993e+01
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	3.8979e+01	2.4255e+01	-8.8767e+00
	1734	0.0000e+00	0.0000e+00	0.0000e+00	3.9474e-01	-4.4491e+01	-3.6603e+00
	1735	0.0000e+00	0.0000e+00	0.0000e+00	1.6974e+01	-5.5405e+01	-5.4024e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	3.1674e+01	-1.2023e+02	-1.0619e+01
853	23	0.0000e+00	0.0000e+00	0.0000e+00	4.5048e+01	9.2190e+01	-1.7200e+01
	78	0.0000e+00	0.0000e+00	0.0000e+00	-1.6212e+01	8.9215e+00	-4.5659e+00
	1734	0.0000e+00	0.0000e+00	0.0000e+00	2.0442e+01	-1.4637e+01	1.1239e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	3.0856e+01	-1.1071e+02	-1.1511e+01
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	-1.1097e+02	-2.5035e-01	-4.1935e+00
	90	0.0000e+00	0.0000e+00	0.0000e+00	-1.1116e+02	-2.3016e+00	1.0488e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	-9.5062e+01	-6.0085e+00	-9.1718e-01
	196	0.0000e+00	0.0000e+00	0.0000e+00	-1.1624e+02	-4.2501e+00	-6.1595e+00
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	-1.1556e+02	6.0884e-01	-1.0251e+01
	1733	0.0000e+00	0.0000e+00	0.0000e+00	-1.1453e+02	-2.3715e+00	-5.8624e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	-1.0060e+02	-2.9815e+00	-7.0383e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.2042e+02	-3.6830e+00	-1.1427e+01
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	-1.1996e+02	9.9747e-01	-1.5746e+01
	1732	0.0000e+00	0.0000e+00	0.0000e+00	-1.1879e+02	-1.4138e+00	-1.1442e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.0668e+02	-2.4069e+00	-1.3254e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.2318e+02	-1.3064e+00	-1.7558e+01
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	-1.2272e+02	1.5763e+00	-2.0610e+01
	1731	0.0000e+00	0.0000e+00	0.0000e+00	-1.2181e+02	1.5971e-02	-1.6742e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.1394e+02	6.6013e-02	-1.9304e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	-1.2261e+02	3.4709e+00	-2.3172e+01
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	-1.2242e+02	2.2082e+00	-2.4551e+01
	1730	0.0000e+00	0.0000e+00	0.0000e+00	-1.2210e+02	2.5013e+00	-2.1487e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	-1.2275e+02	4.6475e+00	-2.4421e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.1544e+02	1.0624e+01	-2.7484e+01
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	-1.1686e+02	2.5759e+00	-2.7353e+01
	1729	0.0000e+00	0.0000e+00	0.0000e+00	-1.1755e+02	6.2139e+00	-2.5308e+01

	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.3261e+02	1.1047e+01	-2.7926e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-9.7588e+01	1.9759e+01	-2.9971e+01
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	-1.0312e+02	2.3025e+00	-2.9096e+01
	1728	0.0000e+00	0.0000e+00	0.0000e+00	-1.0539e+02	1.1191e+01	-2.8038e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.4198e+02	1.8640e+01	-2.9388e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-6.4353e+01	3.0145e+01	-3.0446e+01
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	-7.7204e+01	1.0803e+00	-2.9981e+01
	1727	0.0000e+00	0.0000e+00	0.0000e+00	-8.2269e+01	1.7423e+01	-2.9777e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.4812e+02	2.6497e+01	-2.8833e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-1.0927e+01	4.1010e+01	-2.9037e+01
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	-2.9937e+01	1.1030e+00	-2.7256e+01
	1726	0.0000e+00	0.0000e+00	0.0000e+00	-4.4629e+01	2.5764e+01	-2.9780e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-1.4610e+02	3.3809e+01	-2.7484e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	6.6319e+01	5.4021e+01	-2.4959e+01
863	89	0.0000e+00	0.0000e+00	0.0000e+00	9.0859e+01	-2.4065e+01	9.5338e+00
	1725	0.0000e+00	0.0000e+00	0.0000e+00	2.3235e+01	4.6037e+01	-2.5494e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-1.3231e+02	4.0296e+01	-2.9298e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	1.7410e+02	1.1777e+02	5.7300e+00
864	773	0.0000e+00	0.0000e+00	0.0000e+00	-1.1632e+02	-4.1880e+00	5.8051e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	-9.4996e+01	-5.7598e+00	6.0462e-01
	96	0.0000e+00	0.0000e+00	0.0000e+00	-1.1113e+02	-2.3366e+00	-1.3102e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-1.1091e+02	-1.9793e-01	3.8903e+00
865	763	0.0000e+00	0.0000e+00	0.0000e+00	-1.2043e+02	-3.6599e+00	1.1078e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	-1.0060e+02	-2.9317e+00	6.7029e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-1.1452e+02	-2.3427e+00	5.5488e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	-1.1555e+02	6.2184e-01	9.9237e+00
866	753	0.0000e+00	0.0000e+00	0.0000e+00	-1.2317e+02	-1.3048e+00	1.7196e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	-1.0669e+02	-2.3910e+00	1.2905e+01
	1723	0.0000e+00	0.0000e+00	0.0000e+00	-1.1878e+02	-1.4058e+00	1.1103e+01
	1722	0.0000e+00	0.0000e+00	0.0000e+00	-1.1994e+02	9.9837e-01	1.5395e+01
867	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.2260e+02	3.4543e+00	2.2793e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	-1.1394e+02	6.2428e-02	1.8939e+01
	1722	0.0000e+00	0.0000e+00	0.0000e+00	-1.2180e+02	1.6194e-02	1.6385e+01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	-1.2269e+02	1.5726e+00	2.0240e+01
868	733	0.0000e+00	0.0000e+00	0.0000e+00	-1.1546e+02	1.0586e+01	2.7086e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.2272e+02	4.6273e+00	2.4036e+01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	-1.2208e+02	2.4931e+00	2.1112e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	-1.2240e+02	2.2022e+00	2.4162e+01
869	723	0.0000e+00	0.0000e+00	0.0000e+00	-9.7651e+01	1.9691e+01	2.9558e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	-1.3256e+02	1.1008e+01	2.7524e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	-1.1755e+02	6.1946e+00	2.4914e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	-1.1686e+02	2.5684e+00	2.6948e+01
870	713	0.0000e+00	0.0000e+00	0.0000e+00	-6.4507e+01	3.0039e+01	3.0025e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-1.4191e+02	1.8575e+01	2.8972e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	-1.0543e+02	1.1157e+01	2.7629e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	-1.0317e+02	2.2938e+00	2.8683e+01
871	703	0.0000e+00	0.0000e+00	0.0000e+00	-1.1220e+01	4.0852e+01	2.8621e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-1.4805e+02	2.6399e+01	2.8410e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	-8.2372e+01	1.7368e+01	2.9362e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	-7.7333e+01	1.0694e+00	2.9573e+01
872	693	0.0000e+00	0.0000e+00	0.0000e+00	6.5824e+01	5.3776e+01	2.4582e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	-1.4603e+02	3.3667e+01	2.7065e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	-4.4846e+01	2.5673e+01	2.9382e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	-3.0237e+01	1.0736e+00	2.6899e+01
873	11	0.0000e+00	0.0000e+00	0.0000e+00	1.7330e+02	1.1711e+02	-5.8767e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	-1.3229e+02	4.0085e+01	2.8876e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	2.2790e+01	4.5820e+01	2.5187e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	8.9958e+01	-2.4054e+01	-9.5658e+00
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	-1.1168e+02	3.1811e+01	-9.0890e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	1.5010e+02	7.7880e+01	3.1147e-01
	97	0.0000e+00	0.0000e+00	0.0000e+00	3.4804e+01	-2.9490e+01	-6.6594e+00
	1715	0.0000e+00	0.0000e+00	0.0000e+00	2.3093e+01	3.0034e+01	-1.6060e+01
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	-1.2013e+02	2.7107e+01	-1.0220e+01

	1506	0.0000e+00	0.0000e+00	0.0000e+00	6.0920e+01	4.2023e+01	-9.5187e+00
	1715	0.0000e+00	0.0000e+00	0.0000e+00	-2.4686e+01	2.5938e-01	-1.2402e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	-3.3067e+01	2.0742e+01	-1.3104e+01
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	-1.2321e+02	2.1066e+01	-1.2197e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-3.4690e+00	3.3119e+01	-1.2040e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	-6.1015e+01	3.9523e-01	-1.3152e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	-6.5337e+01	1.4594e+01	-1.3308e+01
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	-1.2037e+02	1.4638e+01	-1.3189e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	-4.8485e+01	2.4397e+01	-1.3687e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	-8.3724e+01	1.3077e+00	-1.2922e+01
	1712	0.0000e+00	0.0000e+00	0.0000e+00	-8.6161e+01	9.5896e+00	-1.2424e+01
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	-1.1524e+02	8.3690e+00	-1.2374e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	-7.7195e+01	1.5992e+01	-1.3791e+01
	1712	0.0000e+00	0.0000e+00	0.0000e+00	-9.7073e+01	1.4075e+00	-1.1973e+01
	1711	0.0000e+00	0.0000e+00	0.0000e+00	-9.8297e+01	5.5228e+00	-1.0556e+01
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	-1.1006e+02	2.6564e+00	-9.7535e+00
	1466	0.0000e+00	0.0000e+00	0.0000e+00	-9.3481e+01	8.4774e+00	-1.2211e+01
	1711	0.0000e+00	0.0000e+00	0.0000e+00	-1.0399e+02	8.3369e-01	-9.8254e+00
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-1.0464e+02	2.0491e+00	-7.3674e+00
880	22	0.0000e+00	0.0000e+00	0.0000e+00	-1.0674e+02	-6.1123e+00	-5.3675e+00
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-1.0058e+02	1.9339e+00	-9.6638e+00
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-1.0768e+02	-9.0215e-01	-6.0353e+00
	96	0.0000e+00	0.0000e+00	0.0000e+00	-1.0854e+02	1.4057e-01	-1.7390e+00
881	1709	0.0000e+00	0.0000e+00	0.0000e+00	2.2676e+01	2.9894e+01	1.5926e+01
	91	0.0000e+00	0.0000e+00	0.0000e+00	3.4469e+01	-2.9329e+01	6.5381e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	1.4910e+02	7.7460e+01	-3.9899e-01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	-1.1141e+02	3.1627e+01	8.9889e+00
882	1708	0.0000e+00	0.0000e+00	0.0000e+00	-3.3206e+01	2.0638e+01	1.2978e+01
	1709	0.0000e+00	0.0000e+00	0.0000e+00	-2.4858e+01	2.4522e-01	1.2289e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	6.0353e+01	4.1802e+01	9.4138e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	-1.1984e+02	2.6959e+01	1.0102e+01
883	1707	0.0000e+00	0.0000e+00	0.0000e+00	-6.5324e+01	1.4521e+01	1.3164e+01
	1708	0.0000e+00	0.0000e+00	0.0000e+00	-6.1024e+01	3.8757e-01	1.3020e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	-3.7331e+00	3.2944e+01	1.1913e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	-1.2291e+02	2.0948e+01	1.2057e+01
884	1706	0.0000e+00	0.0000e+00	0.0000e+00	-8.6051e+01	9.5398e+00	1.2270e+01
	1707	0.0000e+00	0.0000e+00	0.0000e+00	-8.3627e+01	1.2958e+00	1.2776e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	-4.8536e+01	2.4263e+01	1.3539e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	-1.2009e+02	1.4548e+01	1.3033e+01
885	1705	0.0000e+00	0.0000e+00	0.0000e+00	-9.8136e+01	5.4911e+00	1.0397e+01
	1706	0.0000e+00	0.0000e+00	0.0000e+00	-9.6916e+01	1.3926e+00	1.1818e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	-7.7107e+01	1.5896e+01	1.3629e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-1.1500e+02	8.3032e+00	1.2207e+01
886	1704	0.0000e+00	0.0000e+00	0.0000e+00	-1.0448e+02	2.0191e+00	7.1961e+00
	1705	0.0000e+00	0.0000e+00	0.0000e+00	-1.0381e+02	8.1268e-01	9.6609e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-9.3311e+01	8.4119e+00	1.2046e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-1.0987e+02	2.6018e+00	9.5812e+00
887	90	0.0000e+00	0.0000e+00	0.0000e+00	-1.0852e+02	1.4921e-01	1.4661e+00
	1704	0.0000e+00	0.0000e+00	0.0000e+00	-1.0754e+02	-9.6588e-01	5.8445e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-1.0037e+02	1.8823e+00	9.5216e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	-1.0662e+02	-6.3302e+00	5.1432e+00
888	33	0.0000e+00	0.0000e+00	0.0000e+00	4.9417e+01	6.8032e+01	-7.7667e+00
	88	0.0000e+00	0.0000e+00	0.0000e+00	-1.3273e+01	2.6574e+01	5.2661e+00
	94	0.0000e+00	0.0000e+00	0.0000e+00	1.7378e+01	2.2620e+01	2.8952e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	4.4831e+01	-1.4096e+01	-1.0138e+01
889	77	0.0000e+00	0.0000e+00	0.0000e+00	1.0065e+02	2.2888e+01	1.5084e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	1.8035e+02	1.3614e+02	-1.6923e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	1.4526e+02	-3.8415e+01	2.5679e+00
	98	0.0000e+00	0.0000e+00	0.0000e+00	7.1721e+01	3.5856e+01	3.4576e+01
890	91	0.0000e+00	0.0000e+00	0.0000e+00	4.4536e+01	-1.4072e+01	9.9989e+00
	93	0.0000e+00	0.0000e+00	0.0000e+00	1.7352e+01	2.2535e+01	-2.9068e+00
	78	0.0000e+00	0.0000e+00	0.0000e+00	-1.3257e+01	2.6488e+01	-5.2300e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	4.9334e+01	6.7741e+01	7.6757e+00

891	92	0.0000e+00	0.0000e+00	0.0000e+00	7.2276e+01	3.6085e+01	-3.4988e+01
	89	0.0000e+00	0.0000e+00	0.0000e+00	1.4651e+02	-3.8653e+01	-2.6698e+00
	1	0.0000e+00	0.0000e+00	0.0000e+00	1.8183e+02	1.3702e+02	1.6956e+01
	67	0.0000e+00	0.0000e+00	0.0000e+00	1.0159e+02	2.3034e+01	-1.5363e+01
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	3.2454e+01	8.0510e+01	3.3959e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	1.0053e+02	-1.0090e+02	1.3896e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	2.4457e+02	2.8389e+02	-3.5844e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-9.0430e+01	1.3719e+02	-1.4085e+01
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	5.0881e+00	7.4967e+00	-1.2841e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	6.4255e+01	-1.0123e+02	-3.7315e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	1.0099e+02	1.5415e+02	-4.0072e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-1.3297e+01	4.5969e+01	-1.3117e+01
894	1694	0.0000e+00	0.0000e+00	0.0000e+00	-1.1940e+01	-2.6529e+01	-1.2200e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	4.5610e+01	-9.6554e+01	-8.8704e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	6.5852e+01	6.0296e+01	-1.0689e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-2.5473e+01	-6.1185e+00	-1.4019e+01
895	1693	0.0000e+00	0.0000e+00	0.0000e+00	-1.9601e+01	-4.3810e+01	-9.6080e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	4.0800e+01	-7.6297e+01	-1.0311e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	4.7370e+01	-8.9526e+00	-1.3435e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-2.7587e+01	-3.5237e+01	-1.2732e+01
896	1692	0.0000e+00	0.0000e+00	0.0000e+00	-1.8433e+01	-4.4016e+01	-6.2287e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	4.9208e+01	-3.9171e+01	-1.1190e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	4.2569e+01	-5.7803e+01	-1.4371e+01
	1693	0.0000e+00	0.0000e+00	0.0000e+00	-2.1790e+01	-4.6643e+01	-9.4095e+00
897	1691	0.0000e+00	0.0000e+00	0.0000e+00	-6.8840e+00	-2.6404e+01	-3.3502e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	7.3415e+01	1.7471e+01	-1.4248e+01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	5.1382e+01	-8.9464e+01	-1.6365e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	-6.8082e+00	-4.1386e+01	-5.4675e+00
898	1690	0.0000e+00	0.0000e+00	0.0000e+00	2.3153e+01	1.6376e+01	1.1536e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	1.2086e+02	9.8688e+01	-2.1302e+01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	7.7197e+01	-1.0685e+02	-2.3113e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	2.1572e+01	-2.0937e+01	-6.5820e-01
899	1647	0.0000e+00	0.0000e+00	0.0000e+00	-5.3692e+01	1.1382e+02	2.1483e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	3.3379e+02	2.2533e+02	-1.6823e+01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	1.2996e+02	-1.2993e+02	-4.8176e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	7.2967e+01	4.3828e+01	-9.8698e+00
900	1689	0.0000e+00	0.0000e+00	0.0000e+00	-1.2355e+02	6.2480e+01	-2.2040e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-3.9308e+01	8.0679e+01	-3.1811e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-5.5398e+01	1.0645e+02	-9.0011e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	-1.2715e+02	7.9365e+01	7.7029e-01
901	1688	0.0000e+00	0.0000e+00	0.0000e+00	-1.0653e+02	9.8670e+00	-2.6748e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-4.6200e+01	1.6902e+01	-3.0992e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-5.2938e+01	2.4403e+01	-3.6854e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	-1.0834e+02	4.3077e+01	-3.2611e+01
902	1687	0.0000e+00	0.0000e+00	0.0000e+00	-9.9663e+01	-2.0397e+01	-1.9682e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-5.1560e+01	-2.2671e+01	-2.0994e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-5.1733e+01	-1.7393e+01	-3.1696e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	-1.0213e+02	1.5807e+00	-3.0384e+01
903	1686	0.0000e+00	0.0000e+00	0.0000e+00	-9.5554e+01	-3.4670e+01	-7.9723e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	-5.2233e+01	-4.3318e+01	-9.9802e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-5.4224e+01	-4.0736e+01	-2.2115e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	-9.7608e+01	-2.5292e+01	-2.0107e+01
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	-9.1378e+01	-3.2899e+01	5.7865e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	-4.7215e+01	-4.7396e+01	2.1760e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	-5.1793e+01	-4.7727e+01	-1.0775e+01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	-9.4074e+01	-3.6513e+01	-7.1641e+00
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	-8.8170e+01	-1.4265e+01	2.0056e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	-3.5473e+01	-3.5193e+01	1.5023e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	-4.3586e+01	-3.8150e+01	1.2693e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	-9.0198e+01	-3.1773e+01	6.3025e+00
906	1683	0.0000e+00	0.0000e+00	0.0000e+00	-8.7262e+01	2.2848e+01	3.0851e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	-2.5888e+01	-3.7147e+00	2.8599e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	-2.8898e+01	-8.7619e+00	1.5742e+01

1684 0.0000e+00 0.0000e+00 0.0000e+00 -8.8791e+01 -9.8006e+00 1.7995e+01

907 1639 0.0000e+00 0.0000e+00 0.0000e+00 -1.0347e+02 5.9944e+01 5.3154e+00  
1647 0.0000e+00 0.0000e+00 0.0000e+00 -2.1807e+01 8.0146e+01 1.2437e+01  
1690 0.0000e+00 0.0000e+00 0.0000e+00 -9.7268e+00 5.2557e+01 2.8176e+01  
1683 0.0000e+00 0.0000e+00 0.0000e+00 -1.0120e+02 4.1513e+01 2.1054e+01

908 1682 0.0000e+00 0.0000e+00 0.0000e+00 -1.5925e+02 3.9336e+01 -1.0637e+01  
1689 0.0000e+00 0.0000e+00 0.0000e+00 -1.3065e+02 4.9956e+01 -1.6959e+01  
1341 0.0000e+00 0.0000e+00 0.0000e+00 -1.4000e+02 6.5774e+01 -1.8021e+00  
1330 0.0000e+00 0.0000e+00 0.0000e+00 -1.6264e+02 4.6303e+01 4.5201e+00

909 1681 0.0000e+00 0.0000e+00 0.0000e+00 -1.4584e+02 1.2885e+01 -1.7183e+01  
1688 0.0000e+00 0.0000e+00 0.0000e+00 -1.1974e+02 9.3309e+00 -2.7496e+01  
1689 0.0000e+00 0.0000e+00 0.0000e+00 -1.3331e+02 3.6891e+01 -2.5238e+01  
1682 0.0000e+00 0.0000e+00 0.0000e+00 -1.5305e+02 2.8853e+01 -1.4924e+01

910 1680 0.0000e+00 0.0000e+00 0.0000e+00 -1.3517e+02 -1.0600e+01 -1.3708e+01  
1687 0.0000e+00 0.0000e+00 0.0000e+00 -1.1376e+02 -1.8745e+01 -2.0386e+01  
1688 0.0000e+00 0.0000e+00 0.0000e+00 -1.2084e+02 -3.6218e-01 -2.6357e+01  
1681 0.0000e+00 0.0000e+00 0.0000e+00 -1.4156e+02 3.3480e+00 -1.9680e+01

911 1679 0.0000e+00 0.0000e+00 0.0000e+00 -1.2946e+02 -2.2625e+01 -4.5227e+00  
1686 0.0000e+00 0.0000e+00 0.0000e+00 -1.1001e+02 -3.2851e+01 -8.2619e+00  
1687 0.0000e+00 0.0000e+00 0.0000e+00 -1.1403e+02 -2.4630e+01 -1.7629e+01  
1680 0.0000e+00 0.0000e+00 0.0000e+00 -1.3297e+02 -1.6259e+01 -1.3890e+01

912 1678 0.0000e+00 0.0000e+00 0.0000e+00 -1.2805e+02 -2.1431e+01 6.6465e+00  
1685 0.0000e+00 0.0000e+00 0.0000e+00 -1.0758e+02 -3.2077e+01 5.5009e+00  
1686 0.0000e+00 0.0000e+00 0.0000e+00 -1.0946e+02 -3.4153e+01 -4.8607e+00  
1679 0.0000e+00 0.0000e+00 0.0000e+00 -1.2848e+02 -2.4228e+01 -3.7151e+00

913 1677 0.0000e+00 0.0000e+00 0.0000e+00 -1.3139e+02 -7.3844e+00 1.5949e+01  
1684 0.0000e+00 0.0000e+00 0.0000e+00 -1.0755e+02 -1.5556e+01 1.8114e+01  
1685 0.0000e+00 0.0000e+00 0.0000e+00 -1.0623e+02 -2.8506e+01 9.1040e+00  
1678 0.0000e+00 0.0000e+00 0.0000e+00 -1.2834e+02 -1.8790e+01 6.9389e+00

914 1676 0.0000e+00 0.0000e+00 0.0000e+00 -1.3927e+02 1.5085e+01 1.6416e+01  
1683 0.0000e+00 0.0000e+00 0.0000e+00 -1.1513e+02 1.7699e+01 2.3755e+01  
1684 0.0000e+00 0.0000e+00 0.0000e+00 -1.0542e+02 -7.2607e+00 2.1434e+01  
1677 0.0000e+00 0.0000e+00 0.0000e+00 -1.3419e+02 -3.9420e-02 1.4095e+01

915 1631 0.0000e+00 0.0000e+00 0.0000e+00 -1.4779e+02 3.2452e+01 2.0182e+00  
1639 0.0000e+00 0.0000e+00 0.0000e+00 -1.1936e+02 4.7395e+01 7.3452e+00  
1683 0.0000e+00 0.0000e+00 0.0000e+00 -1.1137e+02 3.1263e+01 1.8038e+01  
1676 0.0000e+00 0.0000e+00 0.0000e+00 -1.4504e+02 2.4976e+01 1.2711e+01

916 1675 0.0000e+00 0.0000e+00 0.0000e+00 -1.5893e+02 2.4748e+01 -3.9046e+00  
1682 0.0000e+00 0.0000e+00 0.0000e+00 -1.5806e+02 3.2837e+01 -7.3554e+00  
1330 0.0000e+00 0.0000e+00 0.0000e+00 -1.6315e+02 3.9980e+01 2.5522e+00  
1319 0.0000e+00 0.0000e+00 0.0000e+00 -1.6079e+02 2.8399e+01 6.0030e+00

917 1674 0.0000e+00 0.0000e+00 0.0000e+00 -1.5076e+02 9.9401e+00 -8.9663e+00  
1681 0.0000e+00 0.0000e+00 0.0000e+00 -1.4828e+02 1.0886e+01 -1.6499e+01  
1682 0.0000e+00 0.0000e+00 0.0000e+00 -1.5852e+02 2.5977e+01 -1.2512e+01  
1675 0.0000e+00 0.0000e+00 0.0000e+00 -1.5570e+02 1.9008e+01 -4.9794e+00

918 1673 0.0000e+00 0.0000e+00 0.0000e+00 -1.4234e+02 -5.4524e+00 -7.7034e+00  
1680 0.0000e+00 0.0000e+00 0.0000e+00 -1.4008e+02 -9.3745e+00 -1.4208e+01  
1681 0.0000e+00 0.0000e+00 0.0000e+00 -1.4835e+02 3.1891e+00 -1.6176e+01  
1674 0.0000e+00 0.0000e+00 0.0000e+00 -1.4718e+02 3.1727e+00 -9.6708e+00

919 1672 0.0000e+00 0.0000e+00 0.0000e+00 -1.3737e+02 -1.4155e+01 -2.1393e+00  
1679 0.0000e+00 0.0000e+00 0.0000e+00 -1.3557e+02 -2.0403e+01 -5.5865e+00  
1680 0.0000e+00 0.0000e+00 0.0000e+00 -1.3986e+02 -1.4466e+01 -1.0986e+01  
1673 0.0000e+00 0.0000e+00 0.0000e+00 -1.4003e+02 -9.9942e+00 -7.5385e+00

920 1671 0.0000e+00 0.0000e+00 0.0000e+00 -1.3697e+02 -1.3493e+01 4.7001e+00  
1678 0.0000e+00 0.0000e+00 0.0000e+00 -1.3524e+02 -1.9613e+01 4.8511e+00  
1679 0.0000e+00 0.0000e+00 0.0000e+00 -1.3521e+02 -2.1420e+01 -1.3264e+00  
1672 0.0000e+00 0.0000e+00 0.0000e+00 -1.3669e+02 -1.5276e+01 -1.4774e+00

921 1670 0.0000e+00 0.0000e+00 0.0000e+00 -1.4102e+02 -4.1465e+00 9.2250e+00  
1677 0.0000e+00 0.0000e+00 0.0000e+00 -1.3950e+02 -7.0378e+00 1.3032e+01  
1678 0.0000e+00 0.0000e+00 0.0000e+00 -1.3478e+02 -1.6310e+01 8.8877e+00  
1671 0.0000e+00 0.0000e+00 0.0000e+00 -1.3807e+02 -1.0973e+01 5.0806e+00

922 1669 0.0000e+00 0.0000e+00 0.0000e+00 -1.4771e+02 9.4636e+00 7.8832e+00  
1676 0.0000e+00 0.0000e+00 0.0000e+00 -1.4707e+02 1.3046e+01 1.3893e+01

	1677	0.0000e+00	0.0000e+00	0.0000e+00	-1.3887e+02	-4.1344e-01	1.4858e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	-1.4380e+02	1.2514e+00	8.8490e+00
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	-1.5262e+02	1.8536e+01	3.5512e-01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	-1.5081e+02	2.6931e+01	3.5705e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	-1.4620e+02	1.9837e+01	1.0366e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	-1.5075e+02	1.4741e+01	7.1507e+00
924	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.4061e+02	1.6875e+01	4.0921e-01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-1.5345e+02	2.2037e+01	-1.4735e+00
	1319	0.0000e+00	0.0000e+00	0.0000e+00	-1.5601e+02	2.6091e+01	4.3587e+00
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-1.4185e+02	1.9675e+01	6.2414e+00
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	-1.3577e+02	6.6732e+00	-2.6529e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-1.4665e+02	8.7929e+00	-7.5972e+00
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-1.5312e+02	1.8263e+01	-3.8794e+00
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.3926e+02	1.3002e+01	1.0649e+00
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	-1.3059e+02	-3.6644e+00	-3.0341e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-1.4013e+02	-4.7259e+00	-7.6410e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-1.4627e+02	4.1020e+00	-7.1122e+00
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-1.3373e+02	1.9908e+00	-2.5054e+00
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	-1.2746e+02	-9.6502e+00	-7.5485e-01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	-1.3662e+02	-1.2317e+01	-3.1535e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-1.3983e+02	-7.9421e+00	-5.0067e+00
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-1.2908e+02	-6.9299e+00	-2.6081e+00
928	1664	0.0000e+00	0.0000e+00	0.0000e+00	-1.2746e+02	-9.3596e+00	2.2809e+00
	1671	0.0000e+00	0.0000e+00	0.0000e+00	-1.3703e+02	-1.1527e+01	2.7654e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	-1.3643e+02	-1.2934e+01	3.9513e-01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	-1.2709e+02	-1.0396e+01	-8.9393e-02
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	-1.3058e+02	-3.1238e+00	3.6999e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	-1.4111e+02	-2.9344e+00	6.8548e+00
	1671	0.0000e+00	0.0000e+00	0.0000e+00	-1.3700e+02	-9.3868e+00	5.9639e+00
	1664	0.0000e+00	0.0000e+00	0.0000e+00	-1.2834e+02	-7.4285e+00	2.8090e+00
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	-1.3544e+02	6.2045e+00	2.2577e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	-1.4674e+02	9.2343e+00	6.5504e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	-1.4126e+02	1.1087e+00	8.3081e+00
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-1.3228e+02	6.4881e-01	4.0154e+00
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.3845e+02	1.2481e+01	-6.7477e-01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	-1.4966e+02	1.6778e+01	1.4550e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	-1.4699e+02	1.2923e+01	5.2206e+00
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-1.3683e+02	9.7444e+00	3.0908e+00
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	-1.1489e+02	1.3720e+01	3.3235e+00
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.3367e+02	1.6570e+01	2.1194e+00
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-1.3487e+02	1.9797e+01	4.7048e+00
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-1.1612e+02	1.7514e+01	5.9089e+00
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	-1.1312e+02	3.8144e+00	1.0747e+00
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-1.2904e+02	6.2479e+00	-1.7650e+00
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.3274e+02	1.3466e+01	1.6242e+00
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-1.1514e+02	9.1710e+00	4.4640e+00
934	1659	0.0000e+00	0.0000e+00	0.0000e+00	-1.1132e+02	-3.8047e+00	-5.5945e-01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-1.2504e+02	-3.2269e+00	-2.9444e+00
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-1.2877e+02	3.2260e+00	-1.0967e+00
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-1.1239e+02	1.3550e-01	1.2882e+00
935	1658	0.0000e+00	0.0000e+00	0.0000e+00	-1.1006e+02	-7.9135e+00	-1.5998e-01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	-1.2309e+02	-8.3298e+00	-1.3925e+00
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-1.2500e+02	-5.1799e+00	-1.1667e+00
	1659	0.0000e+00	0.0000e+00	0.0000e+00	-1.1063e+02	-6.0446e+00	6.5863e-02
936	1657	0.0000e+00	0.0000e+00	0.0000e+00	-1.1004e+02	-7.8362e+00	7.2387e-01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	-1.2359e+02	-7.7118e+00	1.0598e+00
	1665	0.0000e+00	0.0000e+00	0.0000e+00	-1.2305e+02	-8.7159e+00	9.6445e-01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-1.0991e+02	-8.4022e+00	6.2854e-01
937	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.1136e+02	-3.6278e+00	4.2537e-01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-1.2633e+02	-1.7520e+00	2.2299e+00
	1664	0.0000e+00	0.0000e+00	0.0000e+00	-1.2356e+02	-6.4332e+00	3.1944e+00
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-1.1050e+02	-6.4723e+00	1.3899e+00
938	1655	0.0000e+00	0.0000e+00	0.0000e+00	-1.1430e+02	4.0881e+00	-1.4508e+00



	1662	0.0000e+00	0.0000e+00	0.0000e+00	-1.3004e+02	6.9569e+00	1.3566e+00
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-1.2663e+02	8.5961e-01	3.5086e+00
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.1205e+02	-5.4408e-01	7.0124e-01
939	1607	0.0000e+00	0.0000e+00	0.0000e+00	-1.1609e+02	1.1897e+01	-1.4718e+00
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.3279e+02	1.2937e+01	2.7303e-01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-1.3112e+02	1.0008e+01	1.5470e+00
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-1.1424e+02	8.5184e+00	-1.9788e-01
940	945	0.0000e+00	0.0000e+00	0.0000e+00	-8.7806e+01	6.9030e+00	4.1581e+00
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-1.0680e+02	1.4405e+01	3.3163e+00
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-1.1084e+02	1.9415e+01	4.5590e+00
	18	0.0000e+00	0.0000e+00	0.0000e+00	-8.5465e+01	2.4450e+01	5.4008e+00
941	944	0.0000e+00	0.0000e+00	0.0000e+00	-9.2456e+01	7.8123e-01	2.7092e-01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-1.0557e+02	2.8576e+00	1.0759e+00
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-1.0669e+02	1.0628e+01	4.3332e+00
	945	0.0000e+00	0.0000e+00	0.0000e+00	-8.9709e+01	6.2373e+00	3.5282e+00
942	943	0.0000e+00	0.0000e+00	0.0000e+00	-9.3959e+01	-4.4564e+00	-4.5423e-01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	-1.0532e+02	-3.7216e+00	-5.2181e-01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-1.0642e+02	1.3888e+00	1.1611e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	-9.2997e+01	-1.2175e+00	1.2287e+00
943	942	0.0000e+00	0.0000e+00	0.0000e+00	-9.4248e+01	-7.2137e+00	-9.7421e-02
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-1.0508e+02	-7.0431e+00	-3.2164e-01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	-1.0576e+02	-4.7159e+00	2.7509e-01
	943	0.0000e+00	0.0000e+00	0.0000e+00	-9.4017e+01	-5.7299e+00	4.9931e-01
944	941	0.0000e+00	0.0000e+00	0.0000e+00	-9.4121e+01	-7.1690e+00	4.4780e-01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-1.0532e+02	-6.6028e+00	4.7526e-01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-1.0513e+02	-7.2904e+00	8.8670e-01
	942	0.0000e+00	0.0000e+00	0.0000e+00	-9.4254e+01	-7.5411e+00	8.5924e-01
945	940	0.0000e+00	0.0000e+00	0.0000e+00	-9.3437e+01	-4.1968e+00	2.3049e-01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.0588e+02	-2.3289e+00	3.2313e-01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-1.0501e+02	-6.0386e+00	1.4887e+00
	941	0.0000e+00	0.0000e+00	0.0000e+00	-9.4120e+01	-6.4846e+00	1.3960e+00
946	939	0.0000e+00	0.0000e+00	0.0000e+00	-9.0960e+01	2.2158e+00	-1.3259e+00
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-1.0652e+02	5.7013e+00	-1.7312e+00
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.0522e+02	-1.1236e+00	7.7202e-01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-9.3073e+01	-2.6077e+00	1.1773e+00
947	17	0.0000e+00	0.0000e+00	0.0000e+00	-8.7610e+01	2.0550e+01	-2.1709e+00
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-1.1194e+02	1.4028e+01	-5.3898e-01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-1.0694e+02	9.5913e+00	-2.7816e-01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-8.9323e+01	2.5513e+00	-1.9100e+00
948	1646	0.0000e+00	0.0000e+00	0.0000e+00	7.2969e+01	4.3781e+01	9.8869e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	1.2994e+02	-1.2993e+02	4.8202e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	3.3378e+02	2.2523e+02	1.6827e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	-5.3674e+01	1.1381e+02	-2.1488e+01
949	1645	0.0000e+00	0.0000e+00	0.0000e+00	2.1565e+01	-2.0967e+01	6.8520e-01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	7.7190e+01	-1.0684e+02	2.3140e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	1.2084e+02	9.8614e+01	2.1326e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	2.3158e+01	1.6342e+01	-1.1293e+00
950	1644	0.0000e+00	0.0000e+00	0.0000e+00	-6.8149e+00	-4.1401e+01	5.4955e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	5.1385e+01	-8.9446e+01	1.6393e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	7.3408e+01	1.7414e+01	1.4276e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	-6.8813e+00	-2.6428e+01	3.3784e+00
951	1643	0.0000e+00	0.0000e+00	0.0000e+00	-2.1797e+01	-4.6640e+01	9.4360e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	4.2579e+01	-5.7765e+01	1.4398e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	4.9209e+01	-3.9214e+01	1.1218e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	-1.8429e+01	-4.4025e+01	6.2559e+00
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	-2.7595e+01	-3.5215e+01	1.2756e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	4.7388e+01	-8.8890e+00	1.3460e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	4.0808e+01	-7.6327e+01	1.0337e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	-1.9596e+01	-4.3801e+01	9.6332e+00
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	-2.5483e+01	-6.0732e+00	1.4040e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	6.5879e+01	6.0392e+01	1.0711e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	4.5625e+01	-9.6570e+01	8.8946e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	-1.1935e+01	-2.6498e+01	1.2223e+01

954 1640 0.0000e+00 0.0000e+00 0.0000e+00 -1.3315e+01 4.6037e+01 1.3128e+01  
1648 0.0000e+00 0.0000e+00 0.0000e+00 1.0103e+02 1.5429e+02 4.0231e+00  
1649 0.0000e+00 0.0000e+00 0.0000e+00 6.4278e+01 -1.0123e+02 3.7522e+00  
1641 0.0000e+00 0.0000e+00 0.0000e+00 5.0926e+00 7.5534e+00 1.2857e+01

955 1287 0.0000e+00 0.0000e+00 0.0000e+00 -9.0476e+01 1.3725e+02 1.4058e+01  
27 0.0000e+00 0.0000e+00 0.0000e+00 2.4460e+02 2.8409e+02 3.5774e+00  
1648 0.0000e+00 0.0000e+00 0.0000e+00 1.0056e+02 -1.0089e+02 -1.3878e+01  
1640 0.0000e+00 0.0000e+00 0.0000e+00 3.2446e+01 8.0600e+01 -3.3978e+00

956 1638 0.0000e+00 0.0000e+00 0.0000e+00 -1.0120e+02 4.1492e+01 -2.1029e+01  
1646 0.0000e+00 0.0000e+00 0.0000e+00 -9.7223e+00 5.2519e+01 -2.8157e+01  
1647 0.0000e+00 0.0000e+00 0.0000e+00 -2.1810e+01 8.0141e+01 -1.2426e+01  
1639 0.0000e+00 0.0000e+00 0.0000e+00 -1.0347e+02 5.9937e+01 -5.2973e+00

957 1637 0.0000e+00 0.0000e+00 0.0000e+00 -8.8785e+01 -9.8270e+00 -1.7966e+01  
1645 0.0000e+00 0.0000e+00 0.0000e+00 -2.8898e+01 -8.7946e+00 -1.5710e+01  
1646 0.0000e+00 0.0000e+00 0.0000e+00 -2.5882e+01 -3.7423e+00 -2.8571e+01  
1638 0.0000e+00 0.0000e+00 0.0000e+00 -8.7256e+01 2.2823e+01 -3.0827e+01

958 1636 0.0000e+00 0.0000e+00 0.0000e+00 -9.0200e+01 -3.1788e+01 -6.2732e+00  
1644 0.0000e+00 0.0000e+00 0.0000e+00 -4.3589e+01 -3.8170e+01 -1.2362e+00  
1645 0.0000e+00 0.0000e+00 0.0000e+00 -3.5472e+01 -3.5213e+01 -1.4990e+01  
1637 0.0000e+00 0.0000e+00 0.0000e+00 -8.8168e+01 -1.4289e+01 -2.0027e+01

959 1635 0.0000e+00 0.0000e+00 0.0000e+00 -9.4085e+01 -3.6511e+01 7.1918e+00  
1643 0.0000e+00 0.0000e+00 0.0000e+00 -5.1799e+01 -4.7730e+01 1.0807e+01  
1644 0.0000e+00 0.0000e+00 0.0000e+00 -4.7217e+01 -4.7402e+01 -2.1432e+00  
1636 0.0000e+00 0.0000e+00 0.0000e+00 -9.1383e+01 -3.2911e+01 -5.7581e+00

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1642 0.0000e+00 0.0000e+00 0.0000e+00 -5.4233e+01 -4.0720e+01 2.2146e+01  
1643 0.0000e+00 0.0000e+00 0.0000e+00 -5.2238e+01 -4.3305e+01 1.0012e+01  
1635 0.0000e+00 0.0000e+00 0.0000e+00 -9.5567e+01 -3.4663e+01 7.9988e+00

961 1633 0.0000e+00 0.0000e+00 0.0000e+00 -1.0216e+02 1.6213e+00 3.0406e+01  
1641 0.0000e+00 0.0000e+00 0.0000e+00 -5.1747e+01 -1.7356e+01 3.1724e+01  
1642 0.0000e+00 0.0000e+00 0.0000e+00 -5.1568e+01 -2.2637e+01 2.1023e+01  
1634 0.0000e+00 0.0000e+00 0.0000e+00 -9.9685e+01 -2.0370e+01 1.9706e+01

962 1632 0.0000e+00 0.0000e+00 0.0000e+00 -1.0837e+02 4.3129e+01 3.2622e+01  
1640 0.0000e+00 0.0000e+00 0.0000e+00 -5.2962e+01 2.4459e+01 3.6872e+01  
1641 0.0000e+00 0.0000e+00 0.0000e+00 -4.6213e+01 1.6960e+01 3.1017e+01  
1633 0.0000e+00 0.0000e+00 0.0000e+00 -1.0656e+02 9.9136e+00 2.6767e+01

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1287 0.0000e+00 0.0000e+00 0.0000e+00 -5.5416e+01 1.0650e+02 8.9907e+00  
1640 0.0000e+00 0.0000e+00 0.0000e+00 -3.9329e+01 8.0755e+01 3.1816e+01  
1632 0.0000e+00 0.0000e+00 0.0000e+00 -1.2359e+02 6.2534e+01 2.2049e+01

964 1630 0.0000e+00 0.0000e+00 0.0000e+00 -1.4504e+02 2.4958e+01 -1.2685e+01  
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977 1617 0.0000e+00 0.0000e+00 0.0000e+00 -1.4722e+02 3.2084e+00 9.6743e+00  
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1626 0.0000e+00 0.0000e+00 0.0000e+00 -1.4011e+02 -9.3500e+00 1.4219e+01  
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1616 0.0000e+00 0.0000e+00 0.0000e+00 -1.5898e+02 2.4791e+01 3.9199e+00

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1606 0.0000e+00 0.0000e+00 0.0000e+00 -1.1429e+02 4.0073e+00 1.4478e+00

990 1604 0.0000e+00 0.0000e+00 0.0000e+00 -1.1053e+02 -6.4997e+00 -1.4008e+00  
1612 0.0000e+00 0.0000e+00 0.0000e+00 -1.2358e+02 -6.4610e+00 -3.1976e+00  
1613 0.0000e+00 0.0000e+00 0.0000e+00 -1.2634e+02 -1.7955e+00 -2.2343e+00  
1605 0.0000e+00 0.0000e+00 0.0000e+00 -1.1139e+02 -3.6692e+00 -4.3752e-01

991 1603 0.0000e+00 0.0000e+00 0.0000e+00 -1.0994e+02 -8.4089e+00 -6.3645e-01  
1611 0.0000e+00 0.0000e+00 0.0000e+00 -1.2307e+02 -8.7217e+00 -9.6952e-01  
1612 0.0000e+00 0.0000e+00 0.0000e+00 -1.2361e+02 -7.7335e+00 -1.0660e+00  
1604 0.0000e+00 0.0000e+00 0.0000e+00 -1.1007e+02 -7.8547e+00 -7.3296e-01

992 1602 0.0000e+00 0.0000e+00 0.0000e+00 -1.1066e+02 -6.0317e+00 -7.4430e-02  
1610 0.0000e+00 0.0000e+00 0.0000e+00 -1.2503e+02 -5.1637e+00 1.1594e+00  
1611 0.0000e+00 0.0000e+00 0.0000e+00 -1.2312e+02 -8.3310e+00 1.3862e+00  
1603 0.0000e+00 0.0000e+00 0.0000e+00 -1.1009e+02 -7.9132e+00 1.5237e-01

993 1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.1241e+02 1.7399e-01 -1.3001e+00  
1609 0.0000e+00 0.0000e+00 0.0000e+00 -1.2881e+02 3.2688e+00 1.0876e+00  
1610 0.0000e+00 0.0000e+00 0.0000e+00 -1.2506e+02 -3.2047e+00 2.9376e+00  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -1.1134e+02 -3.7827e+00 5.4988e-01

994 1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.1519e+02 9.2525e+00 -4.4717e+00  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -1.3278e+02 1.3532e+01 -1.6180e+00  
1609 0.0000e+00 0.0000e+00 0.0000e+00 -1.2908e+02 6.3009e+00 1.7608e+00  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.1314e+02 3.8727e+00 -1.0929e+00

995 1232 0.0000e+00 0.0000e+00 0.0000e+00 -1.1613e+02 1.7571e+01 -5.8421e+00  
1243 0.0000e+00 0.0000e+00 0.0000e+00 -1.3491e+02 1.9848e+01 -4.6569e+00  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -1.3373e+02 1.6646e+01 -2.1106e+00  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.1492e+02 1.3868e+01 -3.2958e+00

996 868 0.0000e+00 0.0000e+00 0.0000e+00 -8.9446e+01 2.5266e+00 1.8698e+00  
1606 0.0000e+00 0.0000e+00 0.0000e+00 -1.0694e+02 9.4016e+00 2.9678e-01  
1607 0.0000e+00 0.0000e+00 0.0000e+00 -1.1184e+02 1.3967e+01 6.9977e-01  
17 0.0000e+00 0.0000e+00 0.0000e+00 -8.7718e+01 2.0042e+01 2.2728e+00

997 867 0.0000e+00 0.0000e+00 0.0000e+00 -9.3141e+01 -2.6533e+00 -1.1844e+00  
1605 0.0000e+00 0.0000e+00 0.0000e+00 -1.0527e+02 -1.1721e+00 -7.8489e-01  
1606 0.0000e+00 0.0000e+00 0.0000e+00 -1.0656e+02 5.6004e+00 1.7133e+00  
868 0.0000e+00 0.0000e+00 0.0000e+00 -9.1040e+01 2.1219e+00 1.3137e+00

998 866 0.0000e+00 0.0000e+00 0.0000e+00 -9.4172e+01 -6.5049e+00 -1.4000e+00  
1604 0.0000e+00 0.0000e+00 0.0000e+00 -1.0505e+02 -6.0616e+00 -1.4970e+00  
1605 0.0000e+00 0.0000e+00 0.0000e+00 -1.0592e+02 -2.3756e+00 -3.3612e-01  
867 0.0000e+00 0.0000e+00 0.0000e+00 -9.3497e+01 -4.2369e+00 -2.3916e-01

999 865 0.0000e+00 0.0000e+00 0.0000e+00 -9.4298e+01 -7.5440e+00 -8.6116e-01  
1603 0.0000e+00 0.0000e+00 0.0000e+00 -1.0516e+02 -7.2953e+00 -8.9188e-01  
1604 0.0000e+00 0.0000e+00 0.0000e+00 -1.0535e+02 -6.6236e+00 -4.8334e-01  
866 0.0000e+00 0.0000e+00 0.0000e+00 -9.4170e+01 -7.1860e+00 -4.5262e-01

1000 864 0.0000e+00 0.0000e+00 0.0000e+00 -9.4052e+01 -5.7142e+00 -4.9880e-01  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -1.0579e+02 -4.7012e+00 -2.7949e-01  
1603 0.0000e+00 0.0000e+00 0.0000e+00 -1.0511e+02 -7.0454e+00 3.1545e-01  
865 0.0000e+00 0.0000e+00 0.0000e+00 -9.4289e+01 -7.2135e+00 9.6146e-02

1001 863 0.0000e+00 0.0000e+00 0.0000e+00 -9.3013e+01 -1.1742e+00 -1.2246e+00

	1601	0.0000e+00	0.0000e+00	0.0000e+00	-1.0644e+02	1.4322e+00	-1.1673e+00
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-1.0534e+02	-3.7050e+00	5.1482e-01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-9.3988e+01	-4.4380e+00	4.5747e-01
1002	862	0.0000e+00	0.0000e+00	0.0000e+00	-8.9695e+01	6.3415e+00	-3.5170e+00
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-1.0667e+02	1.0731e+01	-4.3422e+00
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-1.0557e+02	2.8997e+00	-1.0871e+00
	863	0.0000e+00	0.0000e+00	0.0000e+00	-9.2460e+01	8.2706e-01	-2.6193e-01
1003	16	0.0000e+00	0.0000e+00	0.0000e+00	-8.5291e+01	2.4988e+01	-5.2670e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-1.1098e+02	1.9520e+01	-4.4108e+00
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-1.0681e+02	1.4596e+01	-3.2952e+00
	862	0.0000e+00	0.0000e+00	0.0000e+00	-8.7737e+01	6.9136e+00	-4.1514e+00
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	2.6836e+01	8.1459e+01	2.1044e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	1.1178e+02	-7.9517e+01	2.9946e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	2.3786e+02	2.4927e+02	1.4496e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-8.2845e+01	1.2184e+02	5.5934e+00
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	4.5493e+00	2.0136e+01	4.8323e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	8.0944e+01	-6.2617e+01	1.3461e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	1.0728e+02	1.3544e+02	1.3409e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-5.8951e+00	5.2802e+01	4.7801e+00
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	-1.0614e+01	6.0307e-01	3.1517e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	6.7601e+01	-4.2158e+01	6.6488e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	7.9652e+01	5.5823e+01	6.3272e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-1.6223e+01	1.3761e+01	2.8301e+00
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	-1.7347e+01	-2.2376e+00	2.0765e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	6.6967e+01	-4.2776e+00	2.1855e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	6.7224e+01	-1.9863e+00	1.2598e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-1.7402e+01	-2.0162e+00	1.1508e+00
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	-1.6690e+01	1.2754e+01	5.4258e-01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	7.8881e+01	5.2622e+01	-2.7561e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	6.7318e+01	-4.0781e+01	-3.1917e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-1.1203e+01	3.3059e-02	1.0700e-01
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	-6.8276e+00	5.1028e+01	-1.0782e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	1.0610e+02	1.3135e+02	-9.5745e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	8.0168e+01	-6.2180e+01	-9.8585e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	3.4547e+00	1.8754e+01	-1.3622e+00
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	-8.4736e+01	1.1930e+02	-1.3932e+00
	30	0.0000e+00	0.0000e+00	0.0000e+00	2.3699e+02	2.4443e+02	-1.0249e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	1.1065e+02	-8.0194e+01	-2.6113e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	2.5293e+01	7.9387e+01	-1.7258e+01
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	-1.2757e+02	6.0006e+01	-6.6653e-01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-4.2918e+01	7.7471e+01	-7.5193e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-5.4157e+01	9.6910e+01	1.2521e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-1.2895e+02	7.0859e+01	1.9374e+01
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	-1.1411e+02	2.3328e+01	-5.3142e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-4.8458e+01	2.6966e+01	-8.9525e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-5.3234e+01	3.2755e+01	-1.3393e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-1.1604e+02	4.6036e+01	-9.7550e+00
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	-1.0969e+02	5.3660e+00	-1.2272e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-5.3456e+01	7.8740e-01	-1.3099e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-5.2162e+01	3.6648e+00	-9.9587e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-1.1114e+02	1.7866e+01	-9.8760e+00
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	-1.0938e+02	3.3723e+00	5.7805e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-5.4997e+01	-6.6064e+00	5.9879e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-5.4835e+01	-6.4854e+00	-3.2556e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-1.0916e+02	3.6075e+00	-3.4630e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	-1.1194e+02	1.7035e+01	1.2347e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-5.2913e+01	2.8015e+00	1.2848e+01
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-5.3888e+01	1.8020e-01	4.0690e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-1.1005e+02	5.0108e+00	3.5679e+00
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	-1.1745e+02	4.4578e+01	1.2539e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-5.4608e+01	3.1128e+01	1.6618e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-4.9479e+01	2.5642e+01	1.1930e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-1.1507e+02	2.2371e+01	7.8511e+00

1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	-1.3106e+02	6.8644e+01	-1.6215e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-5.6114e+01	9.4529e+01	-8.9097e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-4.4539e+01	7.5460e+01	1.0852e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-1.2918e+02	5.8435e+01	3.5465e+00
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	-1.6652e+02	3.8012e+01	6.9201e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-1.3703e+02	4.8085e+01	3.6628e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-1.4304e+02	5.8498e+01	1.6373e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	-1.6651e+02	4.0972e+01	1.9630e+01
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	-1.5902e+02	2.2881e+01	1.2798e-01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-1.3016e+02	2.1168e+01	-6.6427e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-1.3892e+02	4.0178e+01	-3.6242e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-1.6272e+02	3.1911e+01	3.1465e+00
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	-1.5346e+02	1.0532e+01	2.9470e-01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-1.2782e+02	5.2197e+00	-3.0365e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-1.3118e+02	1.5308e+01	-6.4261e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-1.5624e+02	1.7357e+01	-3.0949e+00
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	-1.5285e+02	8.3757e+00	3.4375e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-1.2843e+02	2.7363e+00	3.6400e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-1.2824e+02	2.9636e+00	-1.5284e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-1.5266e+02	8.5470e+00	-1.7309e+00
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	-1.5699e+02	1.6755e+01	4.9287e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-1.3197e+02	1.4537e+01	8.6739e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-1.2825e+02	4.9132e+00	5.1769e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-1.5381e+02	1.0289e+01	1.4316e+00
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	-1.6404e+02	3.0818e+01	-1.0519e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-1.4038e+02	3.8824e+01	6.1564e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-1.3120e+02	2.0313e+01	8.9744e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-1.5994e+02	2.2200e+01	1.7661e+00
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	-1.6848e+02	3.9261e+01	-1.7145e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-1.4512e+02	5.6422e+01	-1.3446e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-1.3874e+02	4.6628e+01	-1.0252e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-1.6804e+02	3.6819e+01	-4.7245e+00
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.6783e+02	2.4289e+01	9.1784e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-1.6658e+02	3.1900e+01	8.9385e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	-1.6835e+02	3.5522e+01	1.7203e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-1.6651e+02	2.5187e+01	1.7443e+01
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	-1.6498e+02	1.7440e+01	3.6073e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-1.6234e+02	1.9753e+01	7.1039e-02
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-1.6721e+02	2.9182e+01	4.5686e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.6662e+02	2.1728e+01	8.1049e+00
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.6188e+02	1.0647e+01	1.4826e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-1.5933e+02	1.0005e+01	-1.1496e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-1.6269e+02	1.6460e+01	-4.1276e-01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-1.6337e+02	1.4217e+01	2.2195e+00
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	-1.6142e+02	9.1890e+00	9.2128e-01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-1.5966e+02	8.4134e+00	1.1023e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-1.5949e+02	8.5524e+00	3.9581e-01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.6126e+02	9.3109e+00	2.1475e-01
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	-1.6400e+02	1.3809e+01	-9.7959e-01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-1.6342e+02	1.5940e+01	2.0230e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-1.5971e+02	9.7786e+00	2.6731e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-1.6218e+02	1.0498e+01	-3.2943e-01
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	-1.6774e+02	2.0969e+01	-6.6374e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-1.6853e+02	2.8216e+01	-2.7128e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-1.6329e+02	1.9136e+01	1.6121e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-1.6576e+02	1.6992e+01	-2.3126e+00
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	-1.6818e+02	2.3950e+01	-1.5620e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-1.7025e+02	3.3985e+01	-1.4976e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-1.6813e+02	3.0809e+01	-6.9729e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-1.6912e+02	2.3466e+01	-7.6169e+00
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.4969e+02	1.6644e+01	9.1862e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.6271e+02	2.1906e+01	1.0187e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-1.6232e+02	2.3155e+01	1.5191e+01

	1383	0.0000e+00	0.0000e+00	0.0000e+00	-1.4823e+02	1.7552e+01	1.4190e+01
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.4901e+02	1.2078e+01	5.3846e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-1.6097e+02	1.5757e+01	3.8958e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.6296e+02	2.0731e+01	8.1479e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.4976e+02	1.5177e+01	9.6367e+00
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.4785e+02	7.8089e+00	2.0626e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.5918e+02	1.0170e+01	6.8847e-01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-1.6103e+02	1.4092e+01	3.6170e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.4853e+02	1.0094e+01	4.9911e+00
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.4774e+02	6.8760e+00	-7.9354e-01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-1.5938e+02	9.3410e+00	-6.5080e-01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.5924e+02	9.4228e+00	1.6203e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.4762e+02	6.9562e+00	1.4776e+00
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.4900e+02	9.8453e+00	-4.2290e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-1.6163e+02	1.3765e+01	-2.5585e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-1.5949e+02	1.0024e+01	3.0345e-01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.4807e+02	7.7291e+00	-1.3671e+00
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.5063e+02	1.4715e+01	-8.6898e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-1.6404e+02	2.0096e+01	-6.8786e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-1.6174e+02	1.5359e+01	-2.7708e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.4959e+02	1.1819e+01	-4.5820e+00
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	-1.4954e+02	1.6746e+01	-1.2929e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-1.6391e+02	2.2091e+01	-1.3589e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-1.6399e+02	2.1174e+01	-8.8143e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.5068e+02	1.6152e+01	-8.1544e+00
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.2327e+02	1.3392e+01	8.6527e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.4252e+02	1.6568e+01	9.7596e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-1.4138e+02	1.7613e+01	1.2001e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.2238e+02	1.5923e+01	1.0894e+01
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.2414e+02	7.6267e+00	5.8338e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.4178e+02	1.1443e+01	5.4586e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.4225e+02	1.5216e+01	9.2749e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.2436e+02	1.0746e+01	9.6500e+00
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.2475e+02	3.9583e+00	1.9265e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.4101e+02	7.4639e+00	1.6684e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.4178e+02	1.0280e+01	5.4391e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.2446e+02	5.5980e+00	5.6972e+00
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.2489e+02	3.2467e+00	-1.5375e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.4122e+02	6.9937e+00	-1.4407e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.4112e+02	7.0317e+00	2.0052e+00
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.2481e+02	3.2960e+00	1.9085e+00
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.2476e+02	5.4546e+00	-5.2830e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.4222e+02	1.0106e+01	-4.8182e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.4123e+02	7.3748e+00	-1.0852e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.2489e+02	3.9199e+00	-1.5500e+00
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.2496e+02	1.0508e+01	-9.1220e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.4306e+02	1.4865e+01	-8.4937e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.4235e+02	1.1219e+01	-4.7780e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.2451e+02	7.5080e+00	-5.4064e+00
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.2331e+02	1.5499e+01	-1.0084e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-1.4261e+02	1.6967e+01	-1.0916e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.4350e+02	1.6161e+01	-8.8837e+00
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.2394e+02	1.3215e+01	-8.0512e+00
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	-9.4412e+01	7.7481e+00	7.5511e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.1530e+02	1.4455e+01	8.0689e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.1659e+02	1.7472e+01	9.0008e+00
	20	0.0000e+00	0.0000e+00	0.0000e+00	-9.2164e+01	2.2155e+01	8.4830e+00
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	-1.0098e+02	3.2939e+00	2.8576e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.1569e+02	6.5427e+00	5.2777e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.1530e+02	1.1824e+01	9.0437e+00
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-9.6902e+01	6.8953e+00	6.6237e+00
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	-1.0369e+02	7.8445e-01	6.7751e-01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.1725e+02	3.4731e+00	1.8659e+00

	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.1664e+02	6.0935e+00	4.8722e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-1.0211e+02	2.2542e+00	3.6838e+00
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.0408e+02	4.0880e-01	-1.2648e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.1768e+02	3.3586e+00	-1.2074e+00
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.1762e+02	3.3728e+00	1.5077e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-1.0403e+02	4.2695e-01	1.4503e+00
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.0229e+02	2.1901e+00	-3.4691e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.1689e+02	6.0113e+00	-4.5406e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.1737e+02	3.4151e+00	-1.5567e+00
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.0377e+02	7.5699e-01	-4.8521e-01
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	-9.7185e+01	6.8016e+00	-6.3472e+00
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.1577e+02	1.1695e+01	-8.6406e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.1600e+02	6.4098e+00	-4.9160e+00
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.0118e+02	3.2157e+00	-2.6225e+00
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	-9.2481e+01	2.2426e+01	-8.0032e+00
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.1757e+02	1.7214e+01	-8.2962e+00
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.1589e+02	1.4363e+01	-7.5609e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-9.4692e+01	7.5539e+00	-7.2678e+00
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	2.5210e+01	7.9290e+01	1.7258e+01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	1.1055e+02	-8.0140e+01	2.6095e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	2.3678e+02	2.4416e+02	1.0222e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	-8.4739e+01	1.1920e+02	1.3853e+00
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	3.3952e+00	1.8718e+01	1.3786e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	8.0122e+01	-6.2108e+01	9.8582e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	1.0601e+02	1.3116e+02	9.5693e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-6.8752e+00	5.0958e+01	1.0897e+00
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	-1.1243e+01	4.1316e-02	-9.1410e-02
	1555	0.0000e+00	0.0000e+00	0.0000e+00	6.7311e+01	-4.0661e+01	3.1975e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	7.8840e+01	5.2485e+01	2.7609e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-1.6713e+01	1.2730e+01	-5.2803e-01
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	-1.7429e+01	-1.9585e+00	-1.1416e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	6.7246e+01	-1.8077e+00	-1.2545e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	6.6961e+01	-4.3690e+00	-2.1778e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	-1.7352e+01	-2.2134e+00	-2.0649e+00
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	-1.6246e+01	1.3873e+01	-2.8339e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	7.9699e+01	5.6073e+01	-6.3284e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	6.7622e+01	-4.2205e+01	-6.6438e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	-1.0606e+01	6.8039e-01	-3.1493e+00
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	-5.9344e+00	5.2967e+01	-4.8101e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	1.0735e+02	1.3577e+02	-1.3424e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	8.0986e+01	-6.2617e+01	-1.3463e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	4.5590e+00	2.0275e+01	-4.8491e+00
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	-8.2901e+01	1.2202e+02	-5.6933e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	2.3786e+02	2.4969e+02	-1.4549e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	1.1183e+02	-7.9461e+01	-2.9953e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	2.6820e+01	8.1660e+01	-2.1097e+01
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	-1.2920e+02	5.8369e+01	-3.5140e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-4.4589e+01	7.5365e+01	-1.0826e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	-5.6169e+01	9.4451e+01	8.9168e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	-1.3109e+02	6.8577e+01	1.6229e+01
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	-1.1509e+02	2.2336e+01	-7.8110e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-4.9519e+01	2.5592e+01	-1.1892e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-5.4647e+01	3.1078e+01	-1.6583e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-1.1748e+02	4.4520e+01	-1.2502e+01
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	-1.1007e+02	5.0148e+00	-3.5306e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	-5.3916e+01	1.7479e-01	-4.0329e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-5.2944e+01	2.7902e+00	-1.2809e+01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-1.1197e+02	1.7007e+01	-1.2307e+01
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	-1.0919e+02	3.6552e+00	3.4906e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	-5.4857e+01	-6.4434e+00	3.2846e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	-5.5018e+01	-6.5736e+00	-5.9524e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	-1.0940e+02	3.3854e+00	-5.7464e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	-1.1118e+02	1.7958e+01	9.8860e+00



	1547	0.0000e+00	0.0000e+00	0.0000e+00	-5.2183e+01	3.7582e+00	9.9732e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	-5.3471e+01	8.7000e-01	1.3361e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	-1.0973e+02	5.4247e+00	1.2490e+00
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	-1.1608e+02	4.6161e+01	9.7338e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	-5.3260e+01	3.2899e+01	1.3377e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	-4.8473e+01	2.7102e+01	8.9598e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	-1.1415e+02	2.3431e+01	5.3166e+00
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	-1.2898e+02	7.0992e+01	-1.9435e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-5.4174e+01	9.7073e+01	-1.2591e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	-4.2939e+01	7.7645e+01	7.4828e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	-1.2761e+02	6.0137e+01	6.3821e-01
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	-1.6804e+02	3.6771e+01	4.7566e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-1.3876e+02	4.6571e+01	1.0535e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	-1.4514e+02	5.6365e+01	1.3464e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	-1.6848e+02	3.9217e+01	1.7167e+01
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	-1.5995e+02	2.2164e+01	-1.7319e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-1.3122e+02	2.0279e+01	-8.9359e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-1.4039e+02	3.8771e+01	-6.1202e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-1.6405e+02	3.0772e+01	1.0839e+00
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	-1.5383e+02	1.0282e+01	-1.4044e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	-1.2827e+02	4.9128e+00	-5.1414e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-1.3199e+02	1.4512e+01	-8.6337e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-1.5700e+02	1.6726e+01	-4.8966e+00
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	-1.5269e+02	8.5780e+00	1.7459e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	-1.2828e+02	3.0049e+00	1.5536e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	-1.2845e+02	2.7486e+00	-3.6060e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-1.5287e+02	8.3790e+00	-3.4137e+00
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	-1.5628e+02	1.7425e+01	3.0937e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	-1.3121e+02	1.5392e+01	6.4342e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	-1.2785e+02	5.2737e+00	3.0571e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	-1.5349e+02	1.0574e+01	-2.8346e-01
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	-1.6277e+02	3.2005e+01	-3.1673e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	-1.3897e+02	4.0293e+01	3.6064e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	-1.3019e+02	2.1261e+01	6.6417e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	-1.5906e+02	2.2958e+01	-1.3203e-01
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	-1.6655e+02	4.1071e+01	-1.9673e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	-1.4307e+02	5.8620e+01	-1.6425e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	-1.3707e+02	4.8203e+01	-3.6947e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	-1.6656e+02	3.8109e+01	-6.9426e+00
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	-1.6910e+02	2.3421e+01	7.6518e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-1.6813e+02	3.0764e+01	7.0024e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	-1.7026e+02	3.3946e+01	1.5001e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	-1.6818e+02	2.3920e+01	1.5651e+01
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	-1.6575e+02	1.6949e+01	2.3383e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-1.6329e+02	1.9099e+01	-1.5817e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-1.6853e+02	2.8172e+01	2.7476e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-1.6773e+02	2.0922e+01	6.6675e+00
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.6219e+02	1.0478e+01	3.4098e-01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-1.5972e+02	9.7676e+00	-2.6495e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-1.6343e+02	1.5911e+01	-1.9911e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-1.6399e+02	1.3770e+01	9.9942e-01
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	-1.6129e+02	9.3273e+00	-2.1655e-01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	-1.5952e+02	8.5779e+00	-3.8334e-01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-1.5968e+02	8.4149e+00	-1.0807e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.6144e+02	9.1796e+00	-9.1387e-01
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	-1.6341e+02	1.4272e+01	-2.2321e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	-1.6273e+02	1.6522e+01	4.1214e-01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	-1.5936e+02	1.0044e+01	1.1576e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	-1.6191e+02	1.0675e+01	-1.4866e+00
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	-1.6667e+02	2.1810e+01	-8.1238e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	-1.6726e+02	2.9270e+01	-4.5834e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	-1.6238e+02	1.9826e+01	-7.8729e-02
	1529	0.0000e+00	0.0000e+00	0.0000e+00	-1.6502e+02	1.7504e+01	-3.6191e+00

1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	-1.6654e+02	2.5268e+01	-1.7465e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-1.6839e+02	3.5614e+01	-1.7236e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	-1.6663e+02	3.1991e+01	-8.9627e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	-1.6788e+02	2.4373e+01	-9.1924e+00
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.5064e+02	1.6093e+01	8.1952e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-1.6397e+02	2.1129e+01	8.8452e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	-1.6390e+02	2.2062e+01	1.3625e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-1.4952e+02	1.6719e+01	1.2975e+01
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.4957e+02	1.1758e+01	4.5922e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-1.6173e+02	1.5310e+01	2.7899e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-1.6402e+02	2.0047e+01	6.9128e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.5060e+02	1.4646e+01	8.7151e+00
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.4807e+02	7.6954e+00	1.3569e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.5949e+02	9.9993e+00	-2.9698e-01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-1.6161e+02	1.3724e+01	2.5766e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.4899e+02	9.7881e+00	4.2304e+00
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.4764e+02	6.9604e+00	-1.4982e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	-1.5926e+02	9.4354e+00	-1.6254e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.5938e+02	9.3284e+00	6.5376e-01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.4775e+02	6.8543e+00	7.8100e-01
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.4856e+02	1.0142e+01	-5.0179e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	-1.6106e+02	1.4143e+01	-3.6304e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	-1.5920e+02	1.0196e+01	-6.9714e-01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.4787e+02	7.8278e+00	-2.0847e+00
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.4981e+02	1.5268e+01	-9.6589e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	-1.6300e+02	2.0811e+01	-8.1610e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	-1.6101e+02	1.5821e+01	-3.9125e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.4904e+02	1.2138e+01	-5.4103e+00
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.4826e+02	1.7640e+01	-1.4188e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	-1.6236e+02	2.3237e+01	-1.5201e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	-1.6275e+02	2.1992e+01	-1.0206e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.4973e+02	1.6742e+01	-9.1927e+00
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.2388e+02	1.3082e+01	8.0943e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.4346e+02	1.6090e+01	8.9096e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-1.4256e+02	1.6937e+01	1.0972e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-1.2327e+02	1.5466e+01	1.0157e+01
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.2451e+02	7.4182e+00	5.3745e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.4232e+02	1.1142e+01	4.7781e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.4302e+02	1.4792e+01	8.5220e+00
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.2490e+02	1.0387e+01	9.1184e+00
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.2490e+02	3.8784e+00	1.5176e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.4123e+02	7.3364e+00	1.0725e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.4220e+02	1.0045e+01	4.8097e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.2476e+02	5.3880e+00	5.2548e+00
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.2483e+02	3.2934e+00	-1.9404e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.4114e+02	7.0351e+00	-2.0267e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.4122e+02	6.9674e+00	1.4218e+00
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.2490e+02	3.2208e+00	1.5082e+00
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.2448e+02	5.6365e+00	-5.7333e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.4181e+02	1.0329e+01	-5.4691e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.4103e+02	7.4785e+00	-1.6931e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.2477e+02	3.9718e+00	-1.9573e+00
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.2440e+02	1.0844e+01	-9.6884e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.4229e+02	1.5310e+01	-9.2984e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.4182e+02	1.1506e+01	-5.4870e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.2416e+02	7.6959e+00	-5.8771e+00
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-1.2237e+02	1.6039e+01	-1.0854e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.4142e+02	1.7713e+01	-1.1981e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.4258e+02	1.6680e+01	-9.7827e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.2329e+02	1.3581e+01	-8.6553e+00
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	-9.4795e+01	7.4225e+00	7.1446e+00
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.1578e+02	1.4148e+01	7.5620e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-1.1745e+02	1.7164e+01	8.4722e+00

	15	0.0000e+00	0.0000e+00	0.0000e+00	-9.2361e+01	2.1913e+01	8.0548e+00
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	-1.0124e+02	3.1417e+00	2.5753e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.1601e+02	6.3204e+00	4.8872e+00
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.1573e+02	1.1559e+01	8.5992e+00
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-9.7260e+01	6.6775e+00	6.2873e+00
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	-1.0383e+02	7.2577e-01	4.4793e-01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.1740e+02	3.3779e+00	1.5271e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.1690e+02	5.9377e+00	4.5020e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-1.0234e+02	2.1299e+00	3.4229e+00
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	-1.0409e+02	4.3588e-01	-1.4769e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.1764e+02	3.3734e+00	-1.5330e+00
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.1770e+02	3.3280e+00	1.1743e+00
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-1.0413e+02	3.8692e-01	1.2304e+00
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.0215e+02	2.3106e+00	-3.6958e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.1665e+02	6.1390e+00	-4.8950e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.1727e+02	3.4786e+00	-1.8967e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-1.0374e+02	7.9641e-01	-6.9756e-01
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	-9.6905e+01	7.0353e+00	-6.6163e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.1526e+02	1.1954e+01	-9.0700e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.1568e+02	6.5837e+00	-5.3126e+00
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.0100e+02	3.3433e+00	-2.8589e+00
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-9.1792e+01	2.2817e+01	-8.3189e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-1.1676e+02	1.7654e+01	-8.8830e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.1526e+02	1.4680e+01	-8.0696e+00
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-9.4335e+01	7.7505e+00	-7.5055e+00
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	1.2086e+01	1.4449e+00	2.8657e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	3.4656e+01	-1.2632e+02	1.9789e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	1.4365e+02	1.0524e+02	-3.6664e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-1.1324e+02	2.8413e+01	5.2017e+00
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	-5.9120e+00	-5.8834e+01	1.1919e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	2.8353e+01	-1.2429e+02	1.4488e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	3.6736e+01	2.8329e+01	1.2179e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-9.5619e+00	-3.2112e+01	9.6103e+00
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	-1.9072e+01	-7.8207e+01	1.2851e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	2.2552e+01	-1.2104e+02	1.4494e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	3.0455e+01	-2.7723e+01	1.3347e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-2.3949e+01	-6.8063e+01	1.1704e+01
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	-2.7337e+01	-8.5925e+01	1.4009e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	1.8369e+01	-1.0483e+02	1.6100e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	2.2665e+01	-6.9862e+01	1.3603e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-2.7780e+01	-8.3346e+01	1.1512e+01
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	-3.2301e+01	-8.2432e+01	1.6971e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	1.8087e+01	-7.7371e+01	1.8677e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	1.7585e+01	-9.9144e+01	1.5157e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	-2.8657e+01	-8.6442e+01	1.3452e+01
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	-3.3844e+01	-6.8114e+01	2.0689e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	2.3454e+01	-3.8189e+01	2.1272e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	1.6988e+01	-1.1695e+02	1.7471e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	-2.6305e+01	-7.8770e+01	1.6889e+01
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	-3.1548e+01	-4.2727e+01	2.3846e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	3.6041e+01	1.4182e+01	2.2636e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	2.2474e+01	-1.2450e+02	1.9433e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	-2.0211e+01	-6.0637e+01	2.0643e+01
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	-2.4748e+01	-5.1136e+00	2.4985e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	5.7732e+01	8.2144e+01	2.1217e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	3.5572e+01	-1.2269e+02	1.9558e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	-9.5283e+00	-3.1827e+01	2.3326e+01
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	-1.1554e+01	5.0526e+01	2.4259e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	9.2222e+01	1.6908e+02	1.6128e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	5.8215e+01	-1.1158e+02	1.5659e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	7.4761e+00	7.9852e+00	2.3790e+01
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	-8.7392e+01	1.3015e+02	2.1908e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	2.2455e+02	2.8763e+02	1.5235e+01

	1507	0.0000e+00	0.0000e+00	0.0000e+00	9.5768e+01	-1.0339e+02	1.1809e+00
	1497	0.0000e+00	0.0000e+00	0.0000e+00	2.9101e+01	8.4601e+01	7.8535e+00
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	-4.7606e+01	2.4540e-01	1.9065e+00
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-2.4521e+01	-2.4765e+01	6.3867e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	5.8291e+01	4.4009e+01	1.1368e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-1.2216e+02	3.0398e+01	-3.3435e+00
1113	1494	0.0000e+00	0.0000e+00	0.0000e+00	-6.1050e+01	-5.7784e+01	-6.3567e+00
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-3.2265e+01	-5.4325e+01	-9.6655e-01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-3.7192e+01	-3.9357e+01	-5.3801e+00
	1495	0.0000e+00	0.0000e+00	0.0000e+00	-4.6194e+01	-2.6314e+01	-1.0770e+01
1114	1493	0.0000e+00	0.0000e+00	0.0000e+00	-6.8626e+01	-7.5047e+01	6.3597e-01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-4.2362e+01	-7.8473e+01	6.0763e+00
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-3.6903e+01	-7.1787e+01	-2.8044e-02
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-6.4063e+01	-6.1958e+01	-5.4684e+00
1115	1492	0.0000e+00	0.0000e+00	0.0000e+00	-7.4801e+01	-7.9887e+01	8.2180e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	-4.8633e+01	-8.6745e+01	1.2268e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-4.5653e+01	-8.5422e+01	5.2588e+00
	1493	0.0000e+00	0.0000e+00	0.0000e+00	-7.0320e+01	-7.7059e+01	1.2083e+00
1116	1491	0.0000e+00	0.0000e+00	0.0000e+00	-7.9010e+01	-7.3988e+01	1.7459e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	-5.2100e+01	-8.4549e+01	2.0234e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	-5.0156e+01	-8.6403e+01	1.2106e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	-7.5843e+01	-7.9315e+01	9.3309e+00
1117	1490	0.0000e+00	0.0000e+00	0.0000e+00	-8.2201e+01	-5.8632e+01	2.7326e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	-5.2810e+01	-7.2407e+01	2.9117e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	-5.1877e+01	-7.6585e+01	2.0378e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	-7.9835e+01	-7.1384e+01	1.8587e+01
1118	1489	0.0000e+00	0.0000e+00	0.0000e+00	-8.5328e+01	-3.3893e+01	3.6591e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	-5.0885e+01	-5.0367e+01	3.7779e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	-5.0826e+01	-5.6333e+01	2.9173e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	-8.3198e+01	-5.4118e+01	2.7984e+01
1119	1488	0.0000e+00	0.0000e+00	0.0000e+00	-9.0476e+01	4.4040e-01	4.3297e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	-4.6560e+01	-1.7867e+01	4.4832e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	-4.7143e+01	-2.5204e+01	3.7362e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	-8.7066e+01	-2.7291e+01	3.5827e+01
1120	1487	0.0000e+00	0.0000e+00	0.0000e+00	-9.8410e+01	4.3148e+01	4.1895e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	-4.7310e+01	2.8069e+01	4.7238e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	-4.1187e+01	1.9364e+01	4.4761e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	-9.4692e+01	9.6635e+00	3.9419e+01
1121	1426	0.0000e+00	0.0000e+00	0.0000e+00	-1.1425e+02	7.7125e+01	1.0295e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	-4.8146e+01	1.0337e+02	1.8592e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	-3.5957e+01	8.2843e+01	4.1340e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	-1.1115e+02	5.9689e+01	3.3043e+01
1122	1485	0.0000e+00	0.0000e+00	0.0000e+00	-7.5029e+01	-4.6208e+00	-8.3168e+00
	1495	0.0000e+00	0.0000e+00	0.0000e+00	-6.3034e+01	-2.1389e+01	-4.3737e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-4.9674e+00	3.8597e+01	-5.1354e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	-1.2583e+02	2.3482e+01	-9.0785e+00
1123	1484	0.0000e+00	0.0000e+00	0.0000e+00	-8.3223e+01	-5.1364e+01	-1.3327e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-6.8874e+01	-5.4454e+01	-1.0908e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	-7.3234e+01	-2.8928e+01	-1.4031e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	-7.4408e+01	-2.5235e+01	-1.6450e+01
1124	1483	0.0000e+00	0.0000e+00	0.0000e+00	-8.8179e+01	-6.6907e+01	-6.2083e+00
	1493	0.0000e+00	0.0000e+00	0.0000e+00	-7.7427e+01	-7.4010e+01	-2.3073e+00
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-7.2637e+01	-6.1463e+01	-8.2730e+00
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-8.5784e+01	-5.5612e+01	-1.2174e+01
1125	1482	0.0000e+00	0.0000e+00	0.0000e+00	-9.3647e+01	-7.0586e+01	2.2481e+00
	1492	0.0000e+00	0.0000e+00	0.0000e+00	-8.3914e+01	-7.8453e+01	6.2466e+00
	1493	0.0000e+00	0.0000e+00	0.0000e+00	-8.0250e+01	-7.5787e+01	-7.5280e-01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	-8.9945e+01	-6.8456e+01	-4.7512e+00
1126	1481	0.0000e+00	0.0000e+00	0.0000e+00	-9.9103e+01	-6.4240e+01	1.1736e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	-8.9167e+01	-7.2696e+01	1.5914e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	-8.5588e+01	-7.7254e+01	8.3527e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	-9.4986e+01	-6.9291e+01	4.1744e+00
1127	1480	0.0000e+00	0.0000e+00	0.0000e+00	-1.0532e+02	-4.9784e+01	2.0945e+01

	1490	0.0000e+00	0.0000e+00	0.0000e+00	-9.3923e+01	-5.7949e+01	2.5807e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	-8.9999e+01	-6.8826e+01	1.8333e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	-1.0028e+02	-6.0761e+01	1.3470e+01
1128	1479	0.0000e+00	0.0000e+00	0.0000e+00	-1.1325e+02	-2.8162e+01	2.8258e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	-9.9205e+01	-3.4569e+01	3.4522e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	-9.4102e+01	-5.1460e+01	2.8226e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	-1.0681e+02	-4.4195e+01	2.1962e+01
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	-1.2384e+02	-9.7289e-01	3.0909e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	-1.0639e+02	-2.4975e+00	3.9426e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	-9.8868e+01	-2.5434e+01	3.6374e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	-1.1567e+02	-2.0331e+01	2.7857e+01
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	-1.3613e+02	2.6848e+01	2.4119e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	-1.1794e+02	3.6593e+01	3.5235e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	-1.0563e+02	8.5116e+00	3.9537e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	-1.2796e+02	8.9132e+00	2.8422e+01
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	-1.4476e+02	4.4373e+01	6.0124e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	-1.2550e+02	6.3743e+01	1.2842e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	-1.1653e+02	4.8122e+01	2.7395e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	-1.4115e+02	3.5890e+01	2.0565e+01
1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	-9.0468e+01	-9.8843e+00	-1.4591e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	-8.3701e+01	-1.8321e+01	-1.3016e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	-4.8904e+01	2.6357e+01	-1.0706e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	-1.2236e+02	1.2904e+01	-1.2280e+01
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	-9.3197e+01	-4.5410e+01	-1.7300e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-8.7397e+01	-4.7878e+01	-1.7155e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	-9.1371e+01	-2.7301e+01	-1.9404e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	-8.8957e+01	-2.4885e+01	-1.9549e+01
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	-9.4830e+01	-5.8340e+01	-1.0818e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	-9.3015e+01	-6.4283e+01	-8.9557e+00
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-9.0325e+01	-5.4751e+01	-1.4304e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	-9.4088e+01	-4.9080e+01	-1.6167e+01
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	-9.8011e+01	-6.0962e+01	-2.8020e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	-9.8217e+01	-6.7632e+01	1.2692e-01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	-9.5164e+01	-6.6566e+01	-6.2551e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	-9.5669e+01	-5.9378e+01	-9.1839e+00
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	-1.0251e+02	-5.4914e+01	5.6746e+00
	1481	0.0000e+00	0.0000e+00	0.0000e+00	-1.0373e+02	-6.1602e+01	9.7762e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	-9.9631e+01	-6.6699e+01	3.3084e+00
	1472	0.0000e+00	0.0000e+00	0.0000e+00	-9.9050e+01	-5.9343e+01	-7.9317e-01
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	-1.0869e+02	-4.2200e+01	1.3162e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	-1.1020e+02	-4.7813e+01	1.8729e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	-1.0475e+02	-5.7966e+01	1.3046e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	-1.0389e+02	-5.1238e+01	7.4784e+00
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	-1.1689e+02	-2.4351e+01	1.8092e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	-1.1836e+02	-2.7348e+01	2.5437e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	-1.1101e+02	-4.1855e+01	2.1682e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	-1.1070e+02	-3.6698e+01	1.4337e+01
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	-1.2679e+02	-3.6470e+00	1.8555e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	-1.2849e+02	-1.8948e+00	2.7507e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	-1.1905e+02	-1.9578e+01	2.7282e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	-1.1974e+02	-1.7338e+01	1.8331e+01
1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	-1.3669e+02	1.5543e+01	1.3075e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	-1.3889e+02	2.3628e+01	2.1903e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	-1.2906e+02	6.2995e+00	2.6737e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	-1.3027e+02	3.8867e+00	1.7910e+01
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	-1.4220e+02	2.6644e+01	2.9075e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-1.4519e+02	3.8156e+01	7.5763e+00
	1477	0.0000e+00	0.0000e+00	0.0000e+00	-1.3929e+02	2.9826e+01	1.6906e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	-1.3950e+02	2.1080e+01	1.2237e+01
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	-9.7304e+01	-1.4836e+01	-1.6015e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	-9.4195e+01	-1.8079e+01	-1.6853e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	-7.6869e+01	1.2770e+01	-1.3419e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	-1.1617e+02	2.0693e+00	-1.2581e+01

1143 1464 0.0000e+00 0.0000e+00 0.0000e+00 -9.5258e+01 -4.0383e+01 -1.7062e+01  
1474 0.0000e+00 0.0000e+00 0.0000e+00 -9.4602e+01 -4.2282e+01 -1.9418e+01  
1475 0.0000e+00 0.0000e+00 0.0000e+00 -9.9002e+01 -2.6427e+01 -2.0864e+01  
1465 0.0000e+00 0.0000e+00 0.0000e+00 -9.5198e+01 -2.5187e+01 -1.8508e+01

1144 1463 0.0000e+00 0.0000e+00 0.0000e+00 -9.3476e+01 -5.0662e+01 -1.2038e+01  
1473 0.0000e+00 0.0000e+00 0.0000e+00 -9.6527e+01 -5.5243e+01 -1.2574e+01  
1474 0.0000e+00 0.0000e+00 0.0000e+00 -9.6218e+01 -4.8103e+01 -1.6771e+01  
1464 0.0000e+00 0.0000e+00 0.0000e+00 -9.4773e+01 -4.3573e+01 -1.6234e+01

1145 1462 0.0000e+00 0.0000e+00 0.0000e+00 -9.3851e+01 -5.2432e+01 -5.6131e+00  
1472 0.0000e+00 0.0000e+00 0.0000e+00 -9.9249e+01 -5.7507e+01 -4.4788e+00  
1473 0.0000e+00 0.0000e+00 0.0000e+00 -9.7652e+01 -5.7430e+01 -9.5610e+00  
1463 0.0000e+00 0.0000e+00 0.0000e+00 -9.3358e+01 -5.1469e+01 -1.0695e+01

1146 1461 0.0000e+00 0.0000e+00 0.0000e+00 -9.6180e+01 -4.7092e+01 9.8509e-01  
1471 0.0000e+00 0.0000e+00 0.0000e+00 -1.0331e+02 -5.1692e+01 3.8141e+00  
1472 0.0000e+00 0.0000e+00 0.0000e+00 -1.0003e+02 -5.6945e+01 -1.0971e+00  
1462 0.0000e+00 0.0000e+00 0.0000e+00 -9.4240e+01 -5.0881e+01 -3.9260e+00

1147 1460 0.0000e+00 0.0000e+00 0.0000e+00 -1.0047e+02 -3.6477e+01 6.3804e+00  
1470 0.0000e+00 0.0000e+00 0.0000e+00 -1.0898e+02 -3.9531e+01 1.0902e+01  
1471 0.0000e+00 0.0000e+00 0.0000e+00 -1.0400e+02 -4.8953e+01 7.0822e+00  
1461 0.0000e+00 0.0000e+00 0.0000e+00 -9.7119e+01 -4.3712e+01 2.5604e+00

1148 1459 0.0000e+00 0.0000e+00 0.0000e+00 -1.0654e+02 -2.2174e+01 9.3344e+00  
1469 0.0000e+00 0.0000e+00 0.0000e+00 -1.1641e+02 -2.2583e+01 1.5427e+01  
1470 0.0000e+00 0.0000e+00 0.0000e+00 -1.0971e+02 -3.5141e+01 1.3621e+01  
1460 0.0000e+00 0.0000e+00 0.0000e+00 -1.0201e+02 -3.1626e+01 7.5276e+00

1149 1458 0.0000e+00 0.0000e+00 0.0000e+00 -1.1381e+02 -6.0749e+00 8.9350e+00  
1468 0.0000e+00 0.0000e+00 0.0000e+00 -1.2509e+02 -3.1465e+00 1.6015e+01  
1469 0.0000e+00 0.0000e+00 0.0000e+00 -1.1725e+02 -1.7161e+01 1.6980e+01  
1459 0.0000e+00 0.0000e+00 0.0000e+00 -1.0861e+02 -1.6329e+01 9.9005e+00

1150 1457 0.0000e+00 0.0000e+00 0.0000e+00 -1.2094e+02 8.8649e+00 5.3789e+00  
1467 0.0000e+00 0.0000e+00 0.0000e+00 -1.3310e+02 1.4529e+01 1.1906e+01  
1468 0.0000e+00 0.0000e+00 0.0000e+00 -1.2603e+02 2.2964e+00 1.5656e+01  
1458 0.0000e+00 0.0000e+00 0.0000e+00 -1.1599e+02 -1.8385e-01 9.1296e+00

1151 1393 0.0000e+00 0.0000e+00 0.0000e+00 -1.2466e+02 1.7861e+01 6.2728e-01  
1404 0.0000e+00 0.0000e+00 0.0000e+00 -1.3795e+02 2.4222e+01 4.0087e+00  
1467 0.0000e+00 0.0000e+00 0.0000e+00 -1.3398e+02 1.8459e+01 9.3953e+00  
1457 0.0000e+00 0.0000e+00 0.0000e+00 -1.2240e+02 1.3123e+01 6.0139e+00

1152 1455 0.0000e+00 0.0000e+00 0.0000e+00 -9.8596e+01 -1.8047e+01 -1.2980e+01  
1465 0.0000e+00 0.0000e+00 0.0000e+00 -9.8272e+01 -1.8902e+01 -1.6017e+01  
1466 0.0000e+00 0.0000e+00 0.0000e+00 -9.2971e+01 6.2080e-01 -1.3226e+01  
1456 0.0000e+00 0.0000e+00 0.0000e+00 -1.0949e+02 -6.2947e+00 -1.0189e+01

1153 1454 0.0000e+00 0.0000e+00 0.0000e+00 -9.2915e+01 -3.6741e+01 -1.2965e+01  
1464 0.0000e+00 0.0000e+00 0.0000e+00 -9.5118e+01 -3.7935e+01 -1.7578e+01  
1465 0.0000e+00 0.0000e+00 0.0000e+00 -1.0016e+02 -2.6274e+01 -1.8271e+01  
1455 0.0000e+00 0.0000e+00 0.0000e+00 -9.6369e+01 -2.5963e+01 -1.3658e+01

1154 1453 0.0000e+00 0.0000e+00 0.0000e+00 -8.8645e+01 -4.4846e+01 -1.0089e+01  
1463 0.0000e+00 0.0000e+00 0.0000e+00 -9.3312e+01 -4.7894e+01 -1.2712e+01  
1464 0.0000e+00 0.0000e+00 0.0000e+00 -9.5304e+01 -4.2749e+01 -1.5393e+01  
1454 0.0000e+00 0.0000e+00 0.0000e+00 -9.1485e+01 -3.9976e+01 -1.2770e+01

1155 1452 0.0000e+00 0.0000e+00 0.0000e+00 -8.6472e+01 -4.5835e+01 -5.7149e+00  
1462 0.0000e+00 0.0000e+00 0.0000e+00 -9.3225e+01 -4.9273e+01 -6.4754e+00  
1463 0.0000e+00 0.0000e+00 0.0000e+00 -9.3420e+01 -4.9846e+01 -1.0010e+01  
1453 0.0000e+00 0.0000e+00 0.0000e+00 -8.7678e+01 -4.5608e+01 -9.2498e+00

1156 1451 0.0000e+00 0.0000e+00 0.0000e+00 -8.6319e+01 -4.1179e+01 -1.1804e+00  
1461 0.0000e+00 0.0000e+00 0.0000e+00 -9.4918e+01 -4.4034e+01 -1.6219e-01  
1462 0.0000e+00 0.0000e+00 0.0000e+00 -9.3255e+01 -4.8998e+01 -3.5194e+00  
1452 0.0000e+00 0.0000e+00 0.0000e+00 -8.6106e+01 -4.4563e+01 -4.5376e+00

1157 1450 0.0000e+00 0.0000e+00 0.0000e+00 -8.7974e+01 -3.2453e+01 2.3321e+00  
1460 0.0000e+00 0.0000e+00 0.0000e+00 -9.8331e+01 -3.3822e+01 4.9204e+00  
1461 0.0000e+00 0.0000e+00 0.0000e+00 -9.5012e+01 -4.2075e+01 2.5866e+00  
1451 0.0000e+00 0.0000e+00 0.0000e+00 -8.6525e+01 -3.8377e+01 -1.6674e-03

1158 1449 0.0000e+00 0.0000e+00 0.0000e+00 -9.0967e+01 -2.1062e+01 3.8969e+00  
1459 0.0000e+00 0.0000e+00 0.0000e+00 -1.0322e+02 -2.0176e+01 7.6780e+00  
1460 0.0000e+00 0.0000e+00 0.0000e+00 -9.8543e+01 -3.0693e+01 7.0779e+00

	1450	0.0000e+00	0.0000e+00	0.0000e+00	-8.8678e+01	-2.8503e+01	3.2968e+00
1159	1448	0.0000e+00	0.0000e+00	0.0000e+00	-9.4642e+01	-8.3113e+00	2.9587e+00
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-1.0904e+02	-4.9218e+00	7.3697e+00
	1459	0.0000e+00	0.0000e+00	0.0000e+00	-1.0359e+02	-1.6375e+01	8.9102e+00
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-9.1972e+01	-1.6330e+01	4.4991e+00
1160	1447	0.0000e+00	0.0000e+00	0.0000e+00	-9.8925e+01	4.8678e+00	1.6377e-01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	-1.1454e+02	9.1990e+00	4.5887e+00
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-1.0977e+02	-9.3590e-01	7.5446e+00
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-9.5545e+01	-3.0234e+00	3.1197e+00
1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	-1.0117e+02	1.5584e+01	-9.9878e-01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-1.1852e+02	1.7813e+01	1.6397e+00
	1457	0.0000e+00	0.0000e+00	0.0000e+00	-1.1579e+02	1.2692e+01	3.8642e+00
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-9.9048e+01	1.0091e+01	1.2258e+00
1162	782	0.0000e+00	0.0000e+00	0.0000e+00	-9.4323e+01	-2.4629e+01	-4.9679e+00
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-9.7901e+01	-1.8756e+01	-1.1716e+01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-1.0202e+02	-7.6615e+00	-1.1236e+01
	22	0.0000e+00	0.0000e+00	0.0000e+00	-1.0264e+02	-2.8312e+00	-4.4877e+00
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	-8.9726e+01	-3.5719e+01	-7.5877e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	-9.1368e+01	-3.5776e+01	-1.2496e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-9.7411e+01	-2.6268e+01	-1.1972e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	-9.2726e+01	-2.7464e+01	-7.0633e+00
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	-8.4160e+01	-4.1251e+01	-5.9085e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	-8.7636e+01	-4.2999e+01	-9.7447e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	-9.0921e+01	-3.9323e+01	-1.1201e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	-8.7941e+01	-3.7909e+01	-7.3647e+00
1165	779	0.0000e+00	0.0000e+00	0.0000e+00	-8.0119e+01	-4.1428e+01	-3.3513e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	-8.5255e+01	-4.3461e+01	-5.6634e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	-8.6982e+01	-4.4469e+01	-7.8339e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	-8.2651e+01	-4.1789e+01	-5.5218e+00
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	-7.7876e+01	-3.7165e+01	-7.1081e-01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-8.4538e+01	-3.8778e+01	-1.4154e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	-8.4601e+01	-4.3291e+01	-3.4816e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-7.9111e+01	-4.0417e+01	-2.7770e+00
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	-7.7208e+01	-2.9708e+01	1.2985e+00
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-8.5332e+01	-3.0295e+01	1.9318e+00
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-8.4016e+01	-3.7337e+01	5.7541e-01
	778	0.0000e+00	0.0000e+00	0.0000e+00	-7.7357e+01	-3.4979e+01	-5.7977e-02
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	-7.7426e+01	-2.0237e+01	2.1580e+00
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-8.7117e+01	-1.9299e+01	3.5588e+00
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-8.4918e+01	-2.8039e+01	3.3826e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	-7.7044e+01	-2.6718e+01	1.9818e+00
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	-7.7493e+01	-9.7114e+00	1.5214e+00
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-8.9060e+01	-6.9152e+00	2.8928e+00
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-8.6685e+01	-1.6727e+01	4.2149e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	-7.7341e+01	-1.6802e+01	2.8435e+00
1170	774	0.0000e+00	0.0000e+00	0.0000e+00	-7.5512e+01	1.7939e+00	-6.7528e-01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-9.1062e+01	6.3315e+00	-1.1053e-01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-8.8492e+01	-4.3227e+00	2.8210e+00
	775	0.0000e+00	0.0000e+00	0.0000e+00	-7.7041e+01	-6.1506e+00	2.2562e+00
1171	21	0.0000e+00	0.0000e+00	0.0000e+00	-7.2523e+01	2.2051e+01	-2.1884e+00
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-9.6724e+01	1.7267e+01	-1.2411e-01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-9.1640e+01	1.0702e+01	7.3854e-01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-7.3804e+01	4.0442e+00	-1.3257e+00
1172	1436	0.0000e+00	0.0000e+00	0.0000e+00	2.7269e+01	7.7922e+01	8.3602e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	8.4627e+01	-1.0200e+02	1.9854e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	2.2424e+02	2.7928e+02	4.2200e+00
	1437	0.0000e+00	0.0000e+00	0.0000e+00	-8.9053e+01	1.3023e+02	-7.2741e+00
1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	-2.0644e+00	4.5508e+00	-5.9593e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	4.4619e+01	-1.1087e+02	5.2106e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	8.4697e+01	1.5624e+02	3.9151e+00
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-1.9509e+01	4.3375e+01	-7.2548e+00
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	-2.3283e+01	-3.3870e+01	-2.6552e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	1.9904e+01	-1.1776e+02	3.6623e+00

	1445	0.0000e+00	0.0000e+00	0.0000e+00	4.5703e+01	6.5917e+01	-1.1989e-01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-3.6281e+01	-1.0502e+01	-6.4374e+00
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	-3.7314e+01	-5.8705e+01	3.8613e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	6.4560e+00	-1.1309e+02	7.1935e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	2.1071e+01	-2.4154e+00	1.1616e+00
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-4.5177e+01	-4.4896e+01	-2.1706e+00
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	-4.5565e+01	-7.0136e+01	1.2346e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	2.5467e+00	-9.6144e+01	1.3187e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	7.3901e+00	-5.2972e+01	6.0151e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-4.8705e+01	-6.4824e+01	5.1744e+00
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	-4.8486e+01	-6.8284e+01	2.1171e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	7.7657e+00	-6.5191e+01	1.9632e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	3.1037e+00	-8.8675e+01	1.2388e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	-4.6942e+01	-7.1283e+01	1.3927e+01
1178	1430	0.0000e+00	0.0000e+00	0.0000e+00	-4.6084e+01	-5.2496e+01	2.8722e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	2.2711e+01	-1.7678e+01	2.4607e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	7.9258e+00	-1.1147e+02	1.8373e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	-3.9636e+01	-6.4341e+01	2.2488e+01
1179	1429	0.0000e+00	0.0000e+00	0.0000e+00	-3.7981e+01	-2.1138e+01	3.3305e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	4.9316e+01	5.0037e+01	2.5993e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	2.2585e+01	-1.2252e+02	2.1914e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	-2.6066e+01	-4.3291e+01	2.9226e+01
1180	1428	0.0000e+00	0.0000e+00	0.0000e+00	-2.1130e+01	3.1594e+01	3.4588e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	9.1556e+01	1.4311e+02	2.1933e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	4.9207e+01	-1.2214e+02	2.0277e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	-4.4223e+00	-7.3518e+00	3.2931e+01
1181	1427	0.0000e+00	0.0000e+00	0.0000e+00	-8.9711e+01	1.2055e+02	3.5667e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	2.3830e+02	2.7414e+02	2.1362e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	9.2522e+01	-1.2004e+02	5.0374e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	2.7081e+01	6.5784e+01	1.9342e+01
1182	1425	0.0000e+00	0.0000e+00	0.0000e+00	-1.1296e+02	5.9697e+01	-2.1237e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-3.8085e+01	7.8176e+01	-2.7312e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	-4.8175e+01	1.0157e+02	-5.9281e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	-1.1518e+02	7.7834e+01	1.4719e-01
1183	1424	0.0000e+00	0.0000e+00	0.0000e+00	-1.0089e+02	7.0667e+00	-2.5612e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-4.8773e+01	1.5134e+01	-2.6879e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-5.2774e+01	2.2834e+01	-3.2251e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-9.9449e+01	4.1507e+01	-3.0985e+01
1184	1423	0.0000e+00	0.0000e+00	0.0000e+00	-9.8326e+01	-2.6827e+01	-1.7863e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-5.9147e+01	-2.7638e+01	-1.5980e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-5.6181e+01	-2.1284e+01	-2.6602e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-9.7476e+01	-1.1275e+00	-2.8485e+01
1185	1422	0.0000e+00	0.0000e+00	0.0000e+00	-9.9087e+01	-4.8232e+01	-5.0478e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-6.6488e+01	-5.4751e+01	-3.1355e+00
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-6.4307e+01	-5.0223e+01	-1.5548e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-9.7393e+01	-3.2241e+01	-1.7460e+01
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	-1.0045e+02	-5.7533e+01	1.0186e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	-7.0419e+01	-6.8652e+01	1.1423e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-6.9339e+01	-6.6248e+01	-1.8857e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-9.9024e+01	-5.1096e+01	-3.1226e+00
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	-1.0182e+02	-5.4866e+01	2.6083e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	-7.0807e+01	-6.9859e+01	2.6470e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	-7.0968e+01	-6.9699e+01	1.2949e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	-1.0087e+02	-5.8003e+01	1.2562e+01
1188	1419	0.0000e+00	0.0000e+00	0.0000e+00	-1.0330e+02	-3.9716e+01	4.1139e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	-6.7639e+01	-5.8127e+01	4.0763e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	-6.9002e+01	-6.0246e+01	2.7706e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	-1.0270e+02	-5.2882e+01	2.8083e+01
1189	1418	0.0000e+00	0.0000e+00	0.0000e+00	-1.0631e+02	-1.1089e+01	5.3439e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	-6.0983e+01	-3.2501e+01	5.2905e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	-6.3369e+01	-3.6773e+01	4.1157e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	-1.0500e+02	-3.4993e+01	4.1690e+01
1190	1417	0.0000e+00	0.0000e+00	0.0000e+00	-1.1102e+02	3.1179e+01	5.7895e+01



	1428	0.0000e+00	0.0000e+00	0.0000e+00	-5.8393e+01	9.9900e+00	6.0272e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	-5.4211e+01	3.8718e+00	5.3138e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	-1.1038e+02	-3.2344e+00	5.0760e+01
1191	1416	0.0000e+00	0.0000e+00	0.0000e+00	-1.2894e+02	7.0513e+01	2.9468e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-5.4596e+01	8.9782e+01	3.6579e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	-4.3981e+01	6.7598e+01	5.5468e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	-1.2514e+02	4.9579e+01	4.8357e+01
1192	1414	0.0000e+00	0.0000e+00	0.0000e+00	-1.4346e+02	3.8281e+01	-1.2925e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-1.1849e+02	4.8337e+01	-1.7436e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	-1.2496e+02	6.4783e+01	-2.5584e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-1.4612e+02	4.5470e+01	1.9530e+00
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	-1.3257e+02	1.0622e+01	-1.9185e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-1.1127e+02	7.3098e+00	-2.7271e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-1.2220e+02	3.5672e+01	-2.5109e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-1.3802e+02	2.8093e+01	-1.7023e+01
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	-1.2445e+02	-1.6092e+01	-1.5142e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-1.0899e+02	-2.4132e+01	-1.9770e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-1.1358e+02	-2.6965e+00	-2.5741e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-1.2924e+02	1.0502e+00	-2.1112e+01
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	-1.2097e+02	-3.4468e+01	-4.9289e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-1.0925e+02	-4.4825e+01	-6.7881e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-1.1077e+02	-3.1197e+01	-1.6386e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-1.2322e+02	-2.2608e+01	-1.4527e+01
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	-1.2110e+02	-4.2955e+01	8.2835e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	-1.1085e+02	-5.4291e+01	8.5543e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-1.1049e+02	-4.8420e+01	-2.5516e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-1.2091e+02	-3.7833e+01	-2.8224e+00
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	-1.2434e+02	-4.1252e+01	2.2206e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	-1.1341e+02	-5.2435e+01	2.4395e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	-1.1155e+02	-5.4431e+01	1.3081e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	-1.2177e+02	-4.3279e+01	1.0892e+01
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	-1.3078e+02	-2.9235e+01	3.4658e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	-1.1726e+02	-3.8850e+01	3.8984e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	-1.1355e+02	-4.9039e+01	2.8753e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	-1.2572e+02	-3.8457e+01	2.4427e+01
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	-1.4097e+02	-7.5571e+00	4.2549e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	-1.2354e+02	-1.2793e+01	4.9672e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	-1.1680e+02	-3.1730e+01	4.2617e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	-1.3327e+02	-2.3039e+01	3.5494e+01
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	-1.5406e+02	1.9591e+01	4.0297e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	-1.3549e+02	2.5241e+01	5.0986e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	-1.2243e+02	-2.2695e+00	5.1602e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	-1.4546e+02	2.1648e+00	4.0913e+01
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	-1.6664e+02	4.0300e+01	2.3567e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-1.4185e+02	5.7339e+01	3.1012e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	-1.3284e+02	3.9147e+01	4.3939e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	-1.6056e+02	3.0668e+01	3.6494e+01
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	-1.4154e+02	2.4222e+01	-7.8812e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-1.4155e+02	3.2197e+01	-1.0333e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-1.4485e+02	3.9163e+01	-4.8125e-01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	-1.4321e+02	2.7690e+01	1.9710e+00
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	-1.3437e+02	8.4091e+00	-1.2714e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-1.3372e+02	9.4046e+00	-1.9197e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-1.4269e+02	2.5153e+01	-1.5378e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-1.3853e+02	1.8610e+01	-8.8958e+00
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	-1.2686e+02	-9.8767e+00	-1.0726e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-1.2744e+02	-1.3944e+01	-1.6348e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-1.3455e+02	9.1022e-01	-1.8644e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-1.3114e+02	1.3758e+00	-1.3023e+01
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	-1.2242e+02	-2.3925e+01	-3.6363e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-1.2452e+02	-3.0904e+01	-6.6247e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-1.2816e+02	-2.0659e+01	-1.2811e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-1.2483e+02	-1.5426e+01	-9.8228e+00

1206 1399 0.0000e+00 0.0000e+00 0.0000e+00 -1.2192e+02 -3.0905e+01 6.3078e+00  
1410 0.0000e+00 0.0000e+00 0.0000e+00 -1.2499e+02 -3.9129e+01 6.2388e+00  
1411 0.0000e+00 0.0000e+00 0.0000e+00 -1.2525e+02 -3.4541e+01 -1.7847e+00  
1400 0.0000e+00 0.0000e+00 0.0000e+00 -1.2179e+02 -2.6927e+01 -1.7157e+00

1207 1398 0.0000e+00 0.0000e+00 0.0000e+00 -1.2542e+02 -2.9968e+01 1.6844e+01  
1409 0.0000e+00 0.0000e+00 0.0000e+00 -1.2876e+02 -3.7940e+01 1.9710e+01  
1410 0.0000e+00 0.0000e+00 0.0000e+00 -1.2578e+02 -3.9337e+01 1.1500e+01  
1399 0.0000e+00 0.0000e+00 0.0000e+00 -1.2259e+02 -3.1101e+01 8.6341e+00

1208 1397 0.0000e+00 0.0000e+00 0.0000e+00 -1.3285e+02 -2.1172e+01 2.5628e+01  
1408 0.0000e+00 0.0000e+00 0.0000e+00 -1.3601e+02 -2.7151e+01 3.1487e+01  
1409 0.0000e+00 0.0000e+00 0.0000e+00 -1.2960e+02 -3.4617e+01 2.4736e+01  
1398 0.0000e+00 0.0000e+00 0.0000e+00 -1.2739e+02 -2.7270e+01 1.8877e+01

1209 1396 0.0000e+00 0.0000e+00 0.0000e+00 -1.4374e+02 -5.8712e+00 2.9987e+01  
1407 0.0000e+00 0.0000e+00 0.0000e+00 -1.4684e+02 -7.4775e+00 3.8638e+01  
1408 0.0000e+00 0.0000e+00 0.0000e+00 -1.3683e+02 -2.0437e+01 3.5400e+01  
1397 0.0000e+00 0.0000e+00 0.0000e+00 -1.3622e+02 -1.5651e+01 2.6749e+01

1210 1395 0.0000e+00 0.0000e+00 0.0000e+00 -1.5600e+02 1.1824e+01 2.7425e+01  
1406 0.0000e+00 0.0000e+00 0.0000e+00 -1.5961e+02 1.6909e+01 3.7209e+01  
1407 0.0000e+00 0.0000e+00 0.0000e+00 -1.4748e+02 1.5769e+00 3.9758e+01  
1396 0.0000e+00 0.0000e+00 0.0000e+00 -1.4831e+02 1.6298e+00 2.9974e+01

1211 1394 0.0000e+00 0.0000e+00 0.0000e+00 -1.6595e+02 2.4222e+01 1.8249e+01  
1405 0.0000e+00 0.0000e+00 0.0000e+00 -1.6691e+02 3.4187e+01 2.4480e+01  
1406 0.0000e+00 0.0000e+00 0.0000e+00 -1.5984e+02 2.5375e+01 3.2932e+01  
1395 0.0000e+00 0.0000e+00 0.0000e+00 -1.6040e+02 1.8655e+01 2.6701e+01

1212 1392 0.0000e+00 0.0000e+00 0.0000e+00 -1.2386e+02 1.6578e+01 -4.0828e+00  
1403 0.0000e+00 0.0000e+00 0.0000e+00 -1.3601e+02 2.1667e+01 -5.6590e+00  
1404 0.0000e+00 0.0000e+00 0.0000e+00 -1.3777e+02 2.5163e+01 1.5465e-01  
1393 0.0000e+00 0.0000e+00 0.0000e+00 -1.2529e+02 1.8775e+01 1.7309e+00

1213 1391 0.0000e+00 0.0000e+00 0.0000e+00 -1.1900e+02 5.8557e+00 -6.8751e+00  
1402 0.0000e+00 0.0000e+00 0.0000e+00 -1.2985e+02 7.7555e+00 -1.1589e+01  
1403 0.0000e+00 0.0000e+00 0.0000e+00 -1.3601e+02 1.7711e+01 -8.1444e+00  
1392 0.0000e+00 0.0000e+00 0.0000e+00 -1.2239e+02 1.2810e+01 -3.4302e+00

1214 1390 0.0000e+00 0.0000e+00 0.0000e+00 -1.1373e+02 -6.7259e+00 -6.3256e+00  
1401 0.0000e+00 0.0000e+00 0.0000e+00 -1.2386e+02 -8.4557e+00 -1.0866e+01  
1402 0.0000e+00 0.0000e+00 0.0000e+00 -1.2987e+02 2.3215e+00 -1.0985e+01  
1391 0.0000e+00 0.0000e+00 0.0000e+00 -1.1691e+02 8.2766e-01 -6.4451e+00

1215 1389 0.0000e+00 0.0000e+00 0.0000e+00 -1.1039e+02 -1.6860e+01 -2.1290e+00  
1400 0.0000e+00 0.0000e+00 0.0000e+00 -1.2056e+02 -2.1063e+01 -4.7458e+00  
1401 0.0000e+00 0.0000e+00 0.0000e+00 -1.2411e+02 -1.3050e+01 -7.9231e+00  
1390 0.0000e+00 0.0000e+00 0.0000e+00 -1.1214e+02 -1.0982e+01 -5.3062e+00

1216 1388 0.0000e+00 0.0000e+00 0.0000e+00 -1.1011e+02 -2.2235e+01 4.4097e+00  
1399 0.0000e+00 0.0000e+00 0.0000e+00 -1.2074e+02 -2.7422e+01 4.3905e+00  
1400 0.0000e+00 0.0000e+00 0.0000e+00 -1.2105e+02 -2.3684e+01 -4.8146e-01  
1389 0.0000e+00 0.0000e+00 0.0000e+00 -1.0984e+02 -1.9254e+01 -4.6229e-01

1217 1387 0.0000e+00 0.0000e+00 0.0000e+00 -1.1326e+02 -2.1930e+01 1.1373e+01  
1398 0.0000e+00 0.0000e+00 0.0000e+00 -1.2462e+02 -2.6584e+01 1.4144e+01  
1399 0.0000e+00 0.0000e+00 0.0000e+00 -1.2151e+02 -2.7611e+01 9.1283e+00  
1388 0.0000e+00 0.0000e+00 0.0000e+00 -1.1075e+02 -2.2363e+01 6.3564e+00

1218 1386 0.0000e+00 0.0000e+00 0.0000e+00 -1.1975e+02 -1.5940e+01 1.6737e+01  
1397 0.0000e+00 0.0000e+00 0.0000e+00 -1.3211e+02 -1.8521e+01 2.2219e+01  
1398 0.0000e+00 0.0000e+00 0.0000e+00 -1.2565e+02 -2.4240e+01 1.8610e+01  
1387 0.0000e+00 0.0000e+00 0.0000e+00 -1.1509e+02 -1.9698e+01 1.3128e+01

1219 1385 0.0000e+00 0.0000e+00 0.0000e+00 -1.2898e+02 -5.2364e+00 1.8755e+01  
1396 0.0000e+00 0.0000e+00 0.0000e+00 -1.4254e+02 -4.5379e+00 2.6396e+01  
1397 0.0000e+00 0.0000e+00 0.0000e+00 -1.3340e+02 -1.3893e+01 2.5565e+01  
1386 0.0000e+00 0.0000e+00 0.0000e+00 -1.2263e+02 -1.1554e+01 1.7924e+01

1220 1384 0.0000e+00 0.0000e+00 0.0000e+00 -1.3926e+02 7.4515e+00 1.6920e+01  
1395 0.0000e+00 0.0000e+00 0.0000e+00 -1.5367e+02 1.1384e+01 2.5070e+01  
1396 0.0000e+00 0.0000e+00 0.0000e+00 -1.4402e+02 1.4601e+00 2.7588e+01  
1385 0.0000e+00 0.0000e+00 0.0000e+00 -1.3239e+02 4.2259e-01 1.9438e+01

1221 1383 0.0000e+00 0.0000e+00 0.0000e+00 -1.4733e+02 1.6502e+01 1.2936e+01  
1394 0.0000e+00 0.0000e+00 0.0000e+00 -1.6094e+02 2.2127e+01 1.8378e+01  
1395 0.0000e+00 0.0000e+00 0.0000e+00 -1.5510e+02 1.6640e+01 2.3306e+01

	1384	0.0000e+00	0.0000e+00	0.0000e+00	-1.4213e+02	1.2538e+01	1.7864e+01
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	-9.9827e+01	1.3649e+01	-9.0243e-01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.1727e+02	1.6311e+01	-2.2757e+00
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-1.1840e+02	1.8599e+01	3.1278e-01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-1.0149e+02	1.6151e+01	1.6861e+00
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	-9.7349e+01	3.6780e+00	-2.8134e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.1239e+02	5.7460e+00	-5.9572e+00
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.1637e+02	1.3108e+01	-2.8977e+00
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-9.9746e+01	9.1362e+00	2.4610e-01
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	-9.4929e+01	-5.4775e+00	-3.5093e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.0812e+02	-5.7722e+00	-6.2537e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.1226e+02	2.1342e+00	-5.1747e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-9.6344e+01	-2.9042e-01	-2.4304e+00
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	-9.3337e+01	-1.2608e+01	-1.2915e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.0591e+02	-1.4758e+01	-2.8616e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.0839e+02	-8.7875e+00	-4.0836e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-9.4031e+01	-8.5256e+00	-2.5136e+00
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	-9.3577e+01	-1.6588e+01	2.6875e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-1.0633e+02	-1.9456e+01	2.9138e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.0638e+02	-1.6548e+01	3.4246e-01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-9.3069e+01	-1.4340e+01	1.1615e-01
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	-9.6110e+01	-1.6716e+01	6.9290e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-1.0969e+02	-1.9034e+01	9.2065e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-1.0702e+02	-1.9643e+01	6.5385e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-9.4155e+01	-1.6694e+01	4.2610e+00
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	-1.0080e+02	-1.2888e+01	9.9004e+00
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-1.1582e+02	-1.3429e+01	1.4091e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-1.1059e+02	-1.7523e+01	1.2589e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-9.7540e+01	-1.5099e+01	8.3981e+00
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.0711e+02	-5.5056e+00	1.0362e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-1.2409e+02	-3.5028e+00	1.5982e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-1.1693e+02	-1.0396e+01	1.6620e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-1.0288e+02	-9.6536e+00	1.1001e+01
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.1499e+02	4.9325e+00	8.4422e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-1.3300e+02	8.2542e+00	1.4869e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-1.2565e+02	6.6249e-01	1.7298e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.0932e+02	-8.1119e-01	1.0871e+01
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.2134e+02	1.4714e+01	7.9606e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-1.4017e+02	1.6846e+01	1.2850e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-1.3527e+02	1.2632e+01	1.4835e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.1633e+02	1.0845e+01	9.9457e+00
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	-7.4590e+01	6.5731e+00	7.1768e-01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-9.2075e+01	1.4342e+01	-5.9231e-01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-9.6851e+01	1.7842e+01	4.5476e-01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-7.2468e+01	2.3544e+01	1.7648e+00
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	-7.7856e+01	1.1793e+00	-2.6891e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-9.0131e+01	2.9470e+00	-2.6125e+00
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-9.1789e+01	1.0455e+01	2.9753e-01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-7.6042e+01	6.4783e+00	2.2084e-01
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	-7.8338e+01	-5.0803e+00	-2.7831e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-8.9156e+01	-5.0053e+00	-3.4718e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-9.0892e+01	1.0371e+00	-2.3911e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	-7.7997e+01	-1.0212e+00	-1.7024e+00
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	-7.8283e+01	-1.0068e+01	-1.2605e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-8.8609e+01	-1.1169e+01	-1.7534e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-8.9727e+01	-6.7876e+00	-2.2284e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	-7.8164e+01	-6.9519e+00	-1.7354e+00
1236	670	0.0000e+00	0.0000e+00	0.0000e+00	-7.8993e+01	-1.3022e+01	1.2111e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-8.9427e+01	-1.4578e+01	1.6821e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-8.9133e+01	-1.2337e+01	3.2540e-01
	671	0.0000e+00	0.0000e+00	0.0000e+00	-7.8333e+01	-1.1215e+01	-1.4568e-01
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	-8.1010e+01	-1.3354e+01	3.7852e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-9.2048e+01	-1.4534e+01	5.5213e+00

	1377	0.0000e+00	0.0000e+00	0.0000e+00	-9.0029e+01	-1.4762e+01	4.1024e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-7.9511e+01	-1.3141e+01	2.3663e+00
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	-8.4095e+01	-1.0886e+01	5.5917e+00
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-9.6262e+01	-1.0866e+01	8.3755e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-9.2721e+01	-1.3651e+01	7.7299e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-8.1996e+01	-1.2357e+01	4.9462e+00
1239	667	0.0000e+00	0.0000e+00	0.0000e+00	-8.7296e+01	-5.6981e+00	5.8677e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.0126e+02	-3.7848e+00	9.0172e+00
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-9.6871e+01	-9.1117e+00	9.8725e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	-8.5303e+01	-8.8869e+00	6.7230e+00
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	-8.8745e+01	2.8153e+00	4.2273e+00
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.0652e+02	6.7590e+00	6.9026e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.0167e+02	-1.4184e+00	9.6364e+00
	667	0.0000e+00	0.0000e+00	0.0000e+00	-8.8177e+01	-2.8714e+00	6.9611e+00
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	-9.0599e+01	2.4389e+01	3.2121e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.1622e+02	1.6897e+01	8.2960e+00
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.0826e+02	1.2026e+01	8.4456e+00
	666	0.0000e+00	0.0000e+00	0.0000e+00	-8.8265e+01	4.2384e+00	3.3617e+00
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	2.5118e+01	6.1638e+01	-1.4366e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	9.0093e+01	-1.2756e+02	3.5367e-01
	30	0.0000e+00	0.0000e+00	0.0000e+00	2.3730e+02	2.7297e+02	-1.6711e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-9.2263e+01	1.1746e+02	-3.1430e+01
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	-7.2255e+00	-1.2798e+01	-2.7032e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	4.6267e+01	-1.3083e+02	-1.4187e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	8.9196e+01	1.4040e+02	-1.6482e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-2.4127e+01	2.6903e+01	-2.9328e+01
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	-2.9492e+01	-4.9903e+01	-2.2279e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	1.9476e+01	-1.3224e+02	-1.4941e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	4.6528e+01	4.5755e+01	-1.9733e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-4.1674e+01	-2.7119e+01	-2.7072e+01
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	-4.3532e+01	-7.1987e+01	-1.4439e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	5.0168e+00	-1.2181e+02	-1.0444e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	1.9819e+01	-2.3649e+01	-1.7449e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-5.0239e+01	-5.9643e+01	-2.1444e+01
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	-5.1149e+01	-7.9675e+01	-4.7672e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	8.3646e-01	-9.8977e+01	-3.5025e+00
	1368	0.0000e+00	0.0000e+00	0.0000e+00	5.1236e+00	-7.2953e+01	-1.1535e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-5.2873e+01	-7.6398e+01	-1.2800e+01
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	-5.3015e+01	-7.3459e+01	5.0301e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	6.3194e+00	-6.2213e+01	3.7392e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	5.8070e-01	-1.0574e+02	-4.1885e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-4.9892e+01	-7.8850e+01	-2.8976e+00
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	-4.9298e+01	-5.2981e+01	1.3265e+01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	2.1916e+01	-9.1318e+00	9.2656e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	5.7028e+00	-1.2448e+02	2.5725e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	-4.1189e+01	-6.7418e+01	6.5720e+00
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	-3.9770e+01	-1.6847e+01	1.8182e+01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	4.9464e+01	6.3745e+01	1.0888e+01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	2.1072e+01	-1.3073e+02	6.6038e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	-2.6159e+01	-4.1680e+01	1.3898e+01
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	-2.1485e+01	4.0722e+01	1.9464e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	9.2885e+01	1.6134e+02	6.7416e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	4.8724e+01	-1.2503e+02	5.0870e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	-3.1041e+00	-1.1487e+00	1.7810e+01
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	-9.3146e+01	1.3669e+02	2.1037e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	2.4431e+02	2.9570e+02	7.0725e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	9.3188e+01	-1.1710e+02	-1.0635e+01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	2.9683e+01	7.6868e+01	3.3298e+00
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	-1.2795e+02	4.6233e+01	-4.4528e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-4.6598e+01	6.3880e+01	-5.1211e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-5.6928e+01	8.6719e+01	-3.2830e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-1.3117e+02	6.8083e+01	-2.6147e+01
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	-1.1396e+02	-7.7926e+00	-4.5970e+01

1360 0.0000e+00 0.0000e+00 0.0000e+00 -5.7635e+01 -1.1998e+00 -4.7837e+01  
1361 0.0000e+00 0.0000e+00 0.0000e+00 -6.1408e+01 5.4566e+00 -5.5705e+01  
1350 0.0000e+00 0.0000e+00 0.0000e+00 -1.1397e+02 2.7582e+01 -5.3839e+01

1254 1348 0.0000e+00 0.0000e+00 0.0000e+00 -1.0949e+02 -4.0630e+01 -3.5773e+01  
1359 0.0000e+00 0.0000e+00 0.0000e+00 -6.7527e+01 -4.3088e+01 -3.4719e+01  
1360 0.0000e+00 0.0000e+00 0.0000e+00 -6.4759e+01 -3.8225e+01 -4.7299e+01  
1349 0.0000e+00 0.0000e+00 0.0000e+00 -1.1012e+02 -1.5849e+01 -4.8354e+01

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1358 0.0000e+00 0.0000e+00 0.0000e+00 -7.3807e+01 -6.7692e+01 -2.0023e+01  
1359 0.0000e+00 0.0000e+00 0.0000e+00 -7.2117e+01 -6.4936e+01 -3.4013e+01  
1348 0.0000e+00 0.0000e+00 0.0000e+00 -1.0804e+02 -4.5549e+01 -3.4898e+01

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1355 0.0000e+00 0.0000e+00 0.0000e+00 -7.0164e+01 -5.8823e+01 2.7330e+01  
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1345 0.0000e+00 0.0000e+00 0.0000e+00 -1.0688e+02 -5.5684e+01 1.5257e+01

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1355 0.0000e+00 0.0000e+00 0.0000e+00 -6.4891e+01 -3.4673e+01 2.7877e+01  
1344 0.0000e+00 0.0000e+00 0.0000e+00 -1.0722e+02 -3.3538e+01 2.9397e+01

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1261 1341 0.0000e+00 0.0000e+00 0.0000e+00 -1.2739e+02 7.9359e+01 1.1881e+01  
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1353 0.0000e+00 0.0000e+00 0.0000e+00 -4.2659e+01 7.8836e+01 4.2076e+01  
1342 0.0000e+00 0.0000e+00 0.0000e+00 -1.2558e+02 5.9327e+01 3.4498e+01

1262 1339 0.0000e+00 0.0000e+00 0.0000e+00 -1.6323e+02 2.8076e+01 -3.3396e+01  
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1351 0.0000e+00 0.0000e+00 0.0000e+00 -1.4425e+02 5.5111e+01 -2.7913e+01  
1340 0.0000e+00 0.0000e+00 0.0000e+00 -1.6878e+02 3.8434e+01 -2.0928e+01

1263 1338 0.0000e+00 0.0000e+00 0.0000e+00 -1.4894e+02 -1.4083e+00 -3.6978e+01  
1349 0.0000e+00 0.0000e+00 0.0000e+00 -1.2610e+02 -6.5495e+00 -4.7133e+01  
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1339 0.0000e+00 0.0000e+00 0.0000e+00 -1.5696e+02 1.6816e+01 -3.6986e+01

1264 1337 0.0000e+00 0.0000e+00 0.0000e+00 -1.3774e+02 -2.7580e+01 -3.0563e+01  
1348 0.0000e+00 0.0000e+00 0.0000e+00 -1.2144e+02 -3.7086e+01 -3.7047e+01  
1349 0.0000e+00 0.0000e+00 0.0000e+00 -1.2756e+02 -1.7185e+01 -4.4844e+01  
1338 0.0000e+00 0.0000e+00 0.0000e+00 -1.4476e+02 -1.1299e+01 -3.8360e+01

1265 1336 0.0000e+00 0.0000e+00 0.0000e+00 -1.3138e+02 -4.3860e+01 -1.8374e+01  
1347 0.0000e+00 0.0000e+00 0.0000e+00 -1.1926e+02 -5.5355e+01 -2.1957e+01  
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1337 0.0000e+00 0.0000e+00 0.0000e+00 -1.3562e+02 -3.3909e+01 -2.9439e+01

1266 1335 0.0000e+00 0.0000e+00 0.0000e+00 -1.2880e+02 -4.9321e+01 -3.6274e+00  
1346 0.0000e+00 0.0000e+00 0.0000e+00 -1.1842e+02 -6.1465e+01 -4.9603e+00  
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1336 0.0000e+00 0.0000e+00 0.0000e+00 -1.3041e+02 -4.6729e+01 -1.5850e+01

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1345 0.0000e+00 0.0000e+00 0.0000e+00 -1.1864e+02 -5.5737e+01 1.2060e+01  
1346 0.0000e+00 0.0000e+00 0.0000e+00 -1.1812e+02 -6.1151e+01 -5.7682e-03  
1335 0.0000e+00 0.0000e+00 0.0000e+00 -1.2860e+02 -4.8963e+01 -7.2248e-01

1268 1333 0.0000e+00 0.0000e+00 0.0000e+00 -1.3370e+02 -2.8464e+01 2.4268e+01  
1344 0.0000e+00 0.0000e+00 0.0000e+00 -1.2030e+02 -3.8088e+01 2.7280e+01  
1345 0.0000e+00 0.0000e+00 0.0000e+00 -1.1778e+02 -5.1762e+01 1.6717e+01  
1334 0.0000e+00 0.0000e+00 0.0000e+00 -1.3012e+02 -4.0534e+01 1.3705e+01

1269 1332 0.0000e+00 0.0000e+00 0.0000e+00 -1.4188e+02 -3.4823e+00 3.1879e+01  
1343 0.0000e+00 0.0000e+00 0.0000e+00 -1.2472e+02 -8.0911e+00 3.7890e+01  
1344 0.0000e+00 0.0000e+00 0.0000e+00 -1.1889e+02 -3.0345e+01 3.1058e+01  
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1270 1331 0.0000e+00 0.0000e+00 0.0000e+00 -1.5314e+02 2.5821e+01 2.8203e+01  
1342 0.0000e+00 0.0000e+00 0.0000e+00 -1.3534e+02 3.3280e+01 3.7991e+01  
1343 0.0000e+00 0.0000e+00 0.0000e+00 -1.2271e+02 2.9553e+00 3.9733e+01  
1332 0.0000e+00 0.0000e+00 0.0000e+00 -1.4593e+02 6.9771e+00 2.9945e+01

1271 1330 0.0000e+00 0.0000e+00 0.0000e+00 -1.6276e+02 4.6129e+01 9.0662e+00  
1341 0.0000e+00 0.0000e+00 0.0000e+00 -1.4026e+02 6.5385e+01 1.4937e+01  
1342 0.0000e+00 0.0000e+00 0.0000e+00 -1.3186e+02 4.7495e+01 3.0001e+01  
1331 0.0000e+00 0.0000e+00 0.0000e+00 -1.5927e+02 3.7014e+01 2.4130e+01

1272 1328 0.0000e+00 0.0000e+00 0.0000e+00 -1.6271e+02 1.6710e+01 -2.4350e+01  
1339 0.0000e+00 0.0000e+00 0.0000e+00 -1.6247e+02 2.3016e+01 -3.0137e+01  
1340 0.0000e+00 0.0000e+00 0.0000e+00 -1.6911e+02 3.2491e+01 -2.2073e+01  
1329 0.0000e+00 0.0000e+00 0.0000e+00 -1.6779e+02 2.2880e+01 -1.6287e+01

1273 1327 0.0000e+00 0.0000e+00 0.0000e+00 -1.5139e+02 -1.1325e+00 -2.6942e+01  
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1338 0.0000e+00 0.0000e+00 0.0000e+00 -1.5067e+02 -1.0919e+01 -3.4735e+01  
1327 0.0000e+00 0.0000e+00 0.0000e+00 -1.4710e+02 -8.7529e+00 -2.6750e+01

1275 1325 0.0000e+00 0.0000e+00 0.0000e+00 -1.3265e+02 -3.1654e+01 -1.4137e+01  
1336 0.0000e+00 0.0000e+00 0.0000e+00 -1.3531e+02 -3.9696e+01 -1.9175e+01  
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1326 0.0000e+00 0.0000e+00 0.0000e+00 -1.3726e+02 -2.4859e+01 -2.1561e+01

1276 1324 0.0000e+00 0.0000e+00 0.0000e+00 -1.2932e+02 -3.6084e+01 -2.9210e+00  
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1325 0.0000e+00 0.0000e+00 0.0000e+00 -1.3111e+02 -3.4366e+01 -1.1855e+01

1277 1323 0.0000e+00 0.0000e+00 0.0000e+00 -1.3027e+02 -3.2167e+01 8.4143e+00  
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1278 1322 0.0000e+00 0.0000e+00 0.0000e+00 -1.3538e+02 -2.0381e+01 1.7436e+01  
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1281 1319 0.0000e+00 0.0000e+00 0.0000e+00 -1.6064e+02 2.8150e+01 6.9631e+00  
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1331 0.0000e+00 0.0000e+00 0.0000e+00 -1.5761e+02 3.1079e+01 2.0954e+01  
1320 0.0000e+00 0.0000e+00 0.0000e+00 -1.5771e+02 2.3004e+01 1.6781e+01

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1327 0.0000e+00 0.0000e+00 0.0000e+00 -1.4585e+02 -7.1831e+00 -2.3418e+01

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1304 0.0000e+00 0.0000e+00 0.0000e+00 -1.0386e+02 -1.5299e+01 -7.9371e+00

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1303 0.0000e+00 0.0000e+00 0.0000e+00 -1.0022e+02 -1.9732e+01 -4.5198e+00

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1298 1300 0.0000e+00 0.0000e+00 0.0000e+00 -1.0211e+02 -1.2371e+01 6.0387e+00  
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1301 0.0000e+00 0.0000e+00 0.0000e+00 -1.0024e+02 -1.6294e+01 4.5801e+00

1299 1299 0.0000e+00 0.0000e+00 0.0000e+00 -1.0633e+02 -3.4211e+00 6.2016e+00  
1310 0.0000e+00 0.0000e+00 0.0000e+00 -1.2362e+02 -1.0567e+00 1.0403e+01  
1311 0.0000e+00 0.0000e+00 0.0000e+00 -1.1787e+02 -9.4086e+00 1.1337e+01  
1300 0.0000e+00 0.0000e+00 0.0000e+00 -1.0356e+02 -8.8884e+00 7.1358e+00

1300 1298 0.0000e+00 0.0000e+00 0.0000e+00 -1.1194e+02 7.6942e+00 3.7430e+00  
1309 0.0000e+00 0.0000e+00 0.0000e+00 -1.3002e+02 1.1539e+01 8.5440e+00

1310	0.0000e+00	0.0000e+00	0.0000e+00	-1.2435e+02	3.1977e+00	1.1462e+01
1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.0788e+02	1.2824e+00	6.6611e+00
1301	1297	0.0000e+00	0.0000e+00	0.0000e+00	-1.1566e+02	1.7260e+01
1308	0.0000e+00	0.0000e+00	0.0000e+00	-1.3461e+02	1.9463e+01	5.8554e+00
1309	0.0000e+00	0.0000e+00	0.0000e+00	-1.3158e+02	1.5673e+01	8.2005e+00
1298	0.0000e+00	0.0000e+00	0.0000e+00	-1.1251e+02	1.3246e+01	5.1515e+00
1302	557	0.0000e+00	0.0000e+00	0.0000e+00	-8.9279e+01	3.3884e+00
1306	0.0000e+00	0.0000e+00	0.0000e+00	-1.0948e+02	1.1090e+01	-7.5275e+00
1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.1725e+02	1.6477e+01	-7.4495e+00
19	0.0000e+00	0.0000e+00	0.0000e+00	-9.1134e+01	2.4025e+01	-2.6999e+00
1303	556	0.0000e+00	0.0000e+00	0.0000e+00	-8.9782e+01	-4.2692e+00
1305	0.0000e+00	0.0000e+00	0.0000e+00	-1.0352e+02	-2.9716e+00	-8.4383e+00
1306	0.0000e+00	0.0000e+00	0.0000e+00	-1.0796e+02	5.7068e+00	-5.8534e+00
557	0.0000e+00	0.0000e+00	0.0000e+00	-8.9944e+01	1.9018e+00	-3.5840e+00
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	-8.7622e+01	-1.0901e+01
1304	0.0000e+00	0.0000e+00	0.0000e+00	-9.9509e+01	-1.1300e+01	-8.3500e+00
1305	0.0000e+00	0.0000e+00	0.0000e+00	-1.0337e+02	-5.4468e+00	-7.6729e+00
556	0.0000e+00	0.0000e+00	0.0000e+00	-8.9124e+01	-7.1827e+00	-5.0239e+00
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	-8.5190e+01	-1.4998e+01
1303	0.0000e+00	0.0000e+00	0.0000e+00	-9.6322e+01	-1.6473e+01	-5.8367e+00
1304	0.0000e+00	0.0000e+00	0.0000e+00	-9.9202e+01	-1.3154e+01	-6.6763e+00
555	0.0000e+00	0.0000e+00	0.0000e+00	-8.6687e+01	-1.2972e+01	-4.5164e+00
1306	553	0.0000e+00	0.0000e+00	0.0000e+00	-8.3767e+01	-1.6340e+01
1302	0.0000e+00	0.0000e+00	0.0000e+00	-9.4802e+01	-1.8130e+01	-1.8179e+00
1303	0.0000e+00	0.0000e+00	0.0000e+00	-9.6002e+01	-1.7421e+01	-3.4297e+00
554	0.0000e+00	0.0000e+00	0.0000e+00	-8.4533e+01	-1.6029e+01	-2.4596e+00
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	-8.3837e+01	-1.4779e+01
1301	0.0000e+00	0.0000e+00	0.0000e+00	-9.5296e+01	-1.6031e+01	2.3380e+00
1302	0.0000e+00	0.0000e+00	0.0000e+00	-9.4602e+01	-1.7945e+01	8.1117e-01
553	0.0000e+00	0.0000e+00	0.0000e+00	-8.3633e+01	-1.6183e+01	3.6799e-01
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	-8.5070e+01	-1.0511e+01
1300	0.0000e+00	0.0000e+00	0.0000e+00	-9.7480e+01	-1.0406e+01	5.2165e+00
1301	0.0000e+00	0.0000e+00	0.0000e+00	-9.5208e+01	-1.4756e+01	4.6215e+00
552	0.0000e+00	0.0000e+00	0.0000e+00	-8.4213e+01	-1.3476e+01	3.0771e+00
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	-8.6393e+01	-3.9582e+00
1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.0041e+02	-1.8502e+00	5.6079e+00
1300	0.0000e+00	0.0000e+00	0.0000e+00	-9.7360e+01	-8.3568e+00	6.6489e+00
551	0.0000e+00	0.0000e+00	0.0000e+00	-8.5684e+01	-8.3037e+00	4.7950e+00
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	-8.5900e+01	5.1671e+00
1298	0.0000e+00	0.0000e+00	0.0000e+00	-1.0330e+02	9.3123e+00	3.0528e+00
1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.0010e+02	5.7515e-01	6.0234e+00
550	0.0000e+00	0.0000e+00	0.0000e+00	-8.6663e+01	-1.1437e+00	4.8189e+00
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	-8.4585e+01	2.6137e+01
1297	0.0000e+00	0.0000e+00	0.0000e+00	-1.1086e+02	1.9263e+01	3.7176e+00
1298	0.0000e+00	0.0000e+00	0.0000e+00	-1.0426e+02	1.4287e+01	4.3385e+00
549	0.0000e+00	0.0000e+00	0.0000e+00	-8.4745e+01	6.1881e+00	1.1588e+00
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.9678e+01	7.6867e+01
1296	0.0000e+00	0.0000e+00	0.0000e+00	9.3175e+01	-1.1711e+02	1.0621e+01
27	0.0000e+00	0.0000e+00	0.0000e+00	2.4431e+02	2.9571e+02	-7.1026e+00
1287	0.0000e+00	0.0000e+00	0.0000e+00	-9.3159e+01	1.3673e+02	-2.1067e+01
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	-3.1143e+00	-1.1564e+00
1295	0.0000e+00	0.0000e+00	0.0000e+00	4.8716e+01	-1.2505e+02	-5.0997e+00
1296	0.0000e+00	0.0000e+00	0.0000e+00	9.2876e+01	1.6135e+02	-6.7561e+00
1286	0.0000e+00	0.0000e+00	0.0000e+00	-2.1499e+01	4.0722e+01	-1.9477e+01
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	-2.6170e+01	-4.1692e+01
1294	0.0000e+00	0.0000e+00	0.0000e+00	2.1064e+01	-1.3075e+02	-6.6146e+00
1295	0.0000e+00	0.0000e+00	0.0000e+00	4.9458e+01	6.3743e+01	-1.0899e+01
1285	0.0000e+00	0.0000e+00	0.0000e+00	-3.9784e+01	-1.6857e+01	-1.8193e+01
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	-4.1204e+01	-6.7432e+01
1293	0.0000e+00	0.0000e+00	0.0000e+00	5.6916e+00	-1.2450e+02	-2.5808e+00
1294	0.0000e+00	0.0000e+00	0.0000e+00	2.1908e+01	-9.1410e+00	-9.2752e+00
1284	0.0000e+00	0.0000e+00	0.0000e+00	-4.9312e+01	-5.2995e+01	-1.3277e+01
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	-4.9912e+01	-7.8864e+01



	1292	0.0000e+00	0.0000e+00	0.0000e+00	5.6411e-01	-1.0577e+02	4.1839e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	6.3070e+00	-6.2227e+01	-3.7462e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-5.3032e+01	-7.3473e+01	-5.0405e+00
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	-5.2899e+01	-7.6411e+01	1.2796e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	5.1004e+00	-7.2972e+01	1.1536e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	8.1793e-01	-9.8993e+01	3.4995e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	-5.1170e+01	-7.9689e+01	4.7597e+00
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	-5.0273e+01	-5.9655e+01	2.1446e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	1.9788e+01	-2.3667e+01	1.7456e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	4.9912e+00	-1.2182e+02	1.0446e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	-4.3559e+01	-7.2000e+01	1.4436e+01
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	-4.1719e+01	-2.7130e+01	2.7079e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	4.6489e+01	4.5738e+01	1.9748e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	1.9443e+01	-1.3225e+02	1.4951e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	-2.9528e+01	-4.9913e+01	2.2282e+01
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	-2.4196e+01	2.6883e+01	2.9336e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	8.9142e+01	1.4038e+02	1.6505e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	4.6224e+01	-1.3084e+02	1.4207e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	-7.2769e+00	-1.2805e+01	2.7038e+01
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	-9.2308e+01	1.1738e+02	3.1401e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	2.3712e+02	2.7294e+02	1.6717e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	9.0031e+01	-1.2757e+02	-3.1289e-01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	2.5030e+01	6.1621e+01	1.4371e+01
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	-1.2560e+02	5.9338e+01	-3.4509e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	-4.2670e+01	7.8841e+01	-4.2095e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	-5.6226e+01	1.0454e+02	-1.9476e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	-1.2742e+02	7.9388e+01	-1.1890e+01
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	-1.1108e+02	2.3622e+00	-3.8273e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	-5.4167e+01	1.0616e+01	-4.0096e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	-5.8297e+01	1.8318e+01	-4.6661e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	-1.1064e+02	3.9530e+01	-4.4837e+01
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	-1.0723e+02	-3.3552e+01	-2.9410e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	-6.4905e+01	-3.4685e+01	-2.7890e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	-6.1894e+01	-2.8643e+01	-3.9737e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	-1.0716e+02	-6.3903e+00	-4.1257e+01
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	-1.0690e+02	-5.5698e+01	-1.5271e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-7.2272e+01	-6.2862e+01	-1.3759e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	-7.0179e+01	-5.8837e+01	-2.7342e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	-1.0593e+02	-3.9187e+01	-2.8855e+01
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	-1.0721e+02	-6.4907e+01	1.3321e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	-7.5959e+01	-7.6870e+01	2.1194e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-7.5068e+01	-7.5079e+01	-1.2298e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	-1.0650e+02	-5.8583e+01	-1.3085e+01
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	-1.0755e+02	-6.1624e+01	1.8570e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	-7.5904e+01	-7.7564e+01	1.8473e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	-7.6328e+01	-7.8057e+01	3.9232e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	-1.0733e+02	-6.5275e+01	4.0199e+00
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	-1.0807e+02	-4.5557e+01	3.4892e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	-7.2151e+01	-6.4946e+01	3.4011e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	-7.3835e+01	-6.7703e+01	2.0019e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	-1.0817e+02	-5.9471e+01	2.0899e+01
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	-1.1015e+02	-1.5859e+01	4.8349e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	-6.4805e+01	-3.8235e+01	4.7301e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	-6.7564e+01	-4.3097e+01	3.4720e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	-1.0952e+02	-4.0636e+01	3.5767e+01
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	-1.1401e+02	2.7556e+01	5.3833e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	-6.1466e+01	5.4399e+00	5.5704e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	-5.7683e+01	-1.2105e+00	4.7839e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	-1.1400e+02	-7.8017e+00	4.5968e+01
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	-1.3119e+02	6.8027e+01	2.6154e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	-5.6981e+01	8.6645e+01	3.2828e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	-4.6661e+01	6.3850e+01	5.1202e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	-1.2799e+02	4.6196e+01	4.4529e+01

1332 1264 0.0000e+00 0.0000e+00 0.0000e+00 -1.5929e+02 3.7021e+01 -2.4132e+01  
1275 0.0000e+00 0.0000e+00 0.0000e+00 -1.3188e+02 4.7506e+01 -3.0012e+01  
1276 0.0000e+00 0.0000e+00 0.0000e+00 -1.4029e+02 6.5411e+01 -1.4944e+01  
1265 0.0000e+00 0.0000e+00 0.0000e+00 -1.6280e+02 4.6151e+01 -9.0634e+00

1333 1263 0.0000e+00 0.0000e+00 0.0000e+00 -1.4594e+02 6.9667e+00 -2.9952e+01  
1274 0.0000e+00 0.0000e+00 0.0000e+00 -1.2273e+02 2.9479e+00 -3.9745e+01  
1275 0.0000e+00 0.0000e+00 0.0000e+00 -1.3536e+02 3.3282e+01 -3.8001e+01  
1264 0.0000e+00 0.0000e+00 0.0000e+00 -1.5316e+02 2.5820e+01 -2.8208e+01

1334 1262 0.0000e+00 0.0000e+00 0.0000e+00 -1.3553e+02 -2.1484e+01 -2.5061e+01  
1273 0.0000e+00 0.0000e+00 0.0000e+00 -1.1891e+02 -3.0359e+01 -3.1072e+01  
1274 0.0000e+00 0.0000e+00 0.0000e+00 -1.2473e+02 -8.1018e+00 -3.7901e+01  
1263 0.0000e+00 0.0000e+00 0.0000e+00 -1.4189e+02 -3.4954e+00 -3.1890e+01

1335 1261 0.0000e+00 0.0000e+00 0.0000e+00 -1.3013e+02 -4.0548e+01 -1.3721e+01  
1272 0.0000e+00 0.0000e+00 0.0000e+00 -1.1780e+02 -5.1776e+01 -1.6732e+01  
1273 0.0000e+00 0.0000e+00 0.0000e+00 -1.2032e+02 -3.8102e+01 -2.7294e+01  
1262 0.0000e+00 0.0000e+00 0.0000e+00 -1.3371e+02 -2.8480e+01 -2.4283e+01

1336 1260 0.0000e+00 0.0000e+00 0.0000e+00 -1.2861e+02 -4.8975e+01 7.0642e-01  
1271 0.0000e+00 0.0000e+00 0.0000e+00 -1.1814e+02 -6.1163e+01 -8.6424e-03  
1272 0.0000e+00 0.0000e+00 0.0000e+00 -1.1865e+02 -5.5750e+01 -1.2074e+01  
1261 0.0000e+00 0.0000e+00 0.0000e+00 -1.2955e+02 -4.4121e+01 -1.1359e+01

1337 1259 0.0000e+00 0.0000e+00 0.0000e+00 -1.3043e+02 -4.6736e+01 1.5835e+01  
1270 0.0000e+00 0.0000e+00 0.0000e+00 -1.1954e+02 -5.8721e+01 1.7171e+01  
1271 0.0000e+00 0.0000e+00 0.0000e+00 -1.1844e+02 -6.1475e+01 4.9471e+00  
1260 0.0000e+00 0.0000e+00 0.0000e+00 -1.2881e+02 -4.9331e+01 3.6116e+00

1338 1258 0.0000e+00 0.0000e+00 0.0000e+00 -1.3563e+02 -3.3913e+01 2.9427e+01  
1269 0.0000e+00 0.0000e+00 0.0000e+00 -1.2230e+02 -4.4263e+01 3.3013e+01  
1270 0.0000e+00 0.0000e+00 0.0000e+00 -1.1928e+02 -5.5361e+01 2.1946e+01  
1259 0.0000e+00 0.0000e+00 0.0000e+00 -1.3139e+02 -4.3865e+01 1.8360e+01

1339 1257 0.0000e+00 0.0000e+00 0.0000e+00 -1.4478e+02 -1.1304e+01 3.8352e+01  
1268 0.0000e+00 0.0000e+00 0.0000e+00 -1.2760e+02 -1.7193e+01 4.4838e+01  
1269 0.0000e+00 0.0000e+00 0.0000e+00 -1.2147e+02 -3.7091e+01 3.7039e+01  
1258 0.0000e+00 0.0000e+00 0.0000e+00 -1.3776e+02 -2.7583e+01 3.0552e+01

1340 1256 0.0000e+00 0.0000e+00 0.0000e+00 -1.5698e+02 1.6799e+01 3.6987e+01  
1267 0.0000e+00 0.0000e+00 0.0000e+00 -1.3868e+02 2.1918e+01 4.7139e+01  
1268 0.0000e+00 0.0000e+00 0.0000e+00 -1.2613e+02 -6.5599e+00 4.7127e+01  
1257 0.0000e+00 0.0000e+00 0.0000e+00 -1.4896e+02 -1.4156e+00 3.6975e+01

1341 1255 0.0000e+00 0.0000e+00 0.0000e+00 -1.6879e+02 3.8397e+01 2.0945e+01  
1266 0.0000e+00 0.0000e+00 0.0000e+00 -1.4428e+02 5.5062e+01 2.7922e+01  
1267 0.0000e+00 0.0000e+00 0.0000e+00 -1.3569e+02 3.5980e+01 4.0380e+01  
1256 0.0000e+00 0.0000e+00 0.0000e+00 -1.6324e+02 2.8052e+01 3.3403e+01

1342 1253 0.0000e+00 0.0000e+00 0.0000e+00 -1.5773e+02 2.3001e+01 -1.6769e+01  
1264 0.0000e+00 0.0000e+00 0.0000e+00 -1.5763e+02 3.1084e+01 -2.0954e+01  
1265 0.0000e+00 0.0000e+00 0.0000e+00 -1.6317e+02 3.9476e+01 -1.1131e+01  
1254 0.0000e+00 0.0000e+00 0.0000e+00 -1.6067e+02 2.8168e+01 -6.9458e+00

1343 1252 0.0000e+00 0.0000e+00 0.0000e+00 -1.4804e+02 5.2601e+00 -2.1168e+01  
1263 0.0000e+00 0.0000e+00 0.0000e+00 -1.4741e+02 5.8963e+00 -2.9473e+01  
1264 0.0000e+00 0.0000e+00 0.0000e+00 -1.5824e+02 2.2822e+01 -2.5930e+01  
1253 0.0000e+00 0.0000e+00 0.0000e+00 -1.5404e+02 1.6465e+01 -1.7625e+01

1344 1251 0.0000e+00 0.0000e+00 0.0000e+00 -1.3810e+02 -1.4327e+01 -1.8524e+01  
1262 0.0000e+00 0.0000e+00 0.0000e+00 -1.3885e+02 -1.8969e+01 -2.5833e+01  
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1345 1250 0.0000e+00 0.0000e+00 0.0000e+00 -1.3150e+02 -2.8903e+01 -1.0571e+01  
1261 0.0000e+00 0.0000e+00 0.0000e+00 -1.3393e+02 -3.6559e+01 -1.4999e+01  
1262 0.0000e+00 0.0000e+00 0.0000e+00 -1.3902e+02 -2.6324e+01 -2.1878e+01  
1251 0.0000e+00 0.0000e+00 0.0000e+00 -1.3539e+02 -2.0401e+01 -1.7450e+01

1346 1249 0.0000e+00 0.0000e+00 0.0000e+00 -1.2916e+02 -3.5798e+01 3.3183e-01  
1260 0.0000e+00 0.0000e+00 0.0000e+00 -1.3267e+02 -4.4725e+01 -9.4047e-01  
1261 0.0000e+00 0.0000e+00 0.0000e+00 -1.3413e+02 -4.0550e+01 -9.7022e+00  
1250 0.0000e+00 0.0000e+00 0.0000e+00 -1.3028e+02 -3.2182e+01 -8.4299e+00

1347 1248 0.0000e+00 0.0000e+00 0.0000e+00 -1.3111e+02 -3.4372e+01 1.1839e+01  
1259 0.0000e+00 0.0000e+00 0.0000e+00 -1.3495e+02 -4.3026e+01 1.3707e+01  
1260 0.0000e+00 0.0000e+00 0.0000e+00 -1.3296e+02 -4.5074e+01 4.7731e+00

	1249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2932e+02	-3.6093e+01	2.9052e+00
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	-1.3727e+02	-2.4860e+01	2.1546e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	-1.4092e+02	-3.1474e+01	2.6585e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	-1.3533e+02	-3.9700e+01	1.9160e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	-1.3265e+02	-3.1658e+01	1.4122e+01
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	-1.4711e+02	-8.7499e+00	2.6741e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	-1.5068e+02	-1.0921e+01	3.4728e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	-1.4133e+02	-2.4664e+01	3.0888e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	-1.4028e+02	-1.9256e+01	2.2902e+01
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	-1.5854e+02	9.7525e+00	2.4901e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	-1.6256e+02	1.4363e+01	3.4150e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	-1.5097e+02	-1.7166e+00	3.6188e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	-1.5139e+02	-1.1294e+00	2.6939e+01
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	-1.6778e+02	2.2858e+01	1.6314e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	-1.6912e+02	3.2459e+01	2.2093e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	-1.6248e+02	2.2997e+01	3.0145e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	-1.6271e+02	1.6704e+01	2.4366e+01
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.3865e+02	1.5657e+01	-1.0579e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-1.5193e+02	2.0675e+01	-1.3941e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	-1.5585e+02	2.5658e+01	-8.2410e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-1.4155e+02	1.9423e+01	-4.8789e+00
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.3142e+02	3.1198e+00	-1.2946e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-1.4330e+02	4.7643e+00	-1.9444e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-1.5130e+02	1.5715e+01	-1.6201e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.3658e+02	1.0960e+01	-9.7040e+00
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	-1.2388e+02	-1.0545e+01	-1.1935e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-1.3494e+02	-1.2658e+01	-1.8126e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-1.4271e+02	-1.4154e+00	-1.8566e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.2865e+02	-2.6599e+00	-1.2375e+01
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	-1.1852e+02	-2.1057e+01	-7.1545e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.2952e+02	-2.5741e+01	-1.1201e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-1.3458e+02	-1.7740e+01	-1.4814e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	-1.2165e+02	-1.5292e+01	-1.0768e+01
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	-1.1649e+02	-2.6291e+01	5.8404e-02
	1249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2789e+02	-3.1999e+01	-1.1587e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.2945e+02	-2.8623e+01	-6.5324e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	-1.1739e+02	-2.3723e+01	-5.3153e+00
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	-1.1818e+02	-2.5514e+01	7.7231e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	-1.3023e+02	-3.0683e+01	9.5109e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2815e+02	-3.2279e+01	3.9798e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	-1.1664e+02	-2.6529e+01	2.1920e+00
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	-1.2347e+02	-1.8874e+01	1.3762e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	-1.3645e+02	-2.1932e+01	1.8451e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	-1.3082e+02	-2.8315e+01	1.4353e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	-1.1960e+02	-2.3283e+01	9.6640e+00
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	-1.3174e+02	-7.4509e+00	1.6392e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	-1.4585e+02	-7.1763e+00	2.3408e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	-1.3735e+02	-1.7207e+01	2.2137e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	-1.2602e+02	-1.4424e+01	1.5121e+01
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	-1.4129e+02	5.9534e+00	1.5094e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	-1.5616e+02	9.5095e+00	2.2764e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	-1.4701e+02	-1.0401e+00	2.4896e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-1.3490e+02	-1.6913e+00	1.7225e+01
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	-1.4875e+02	1.5606e+01	1.1593e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	-1.6276e+02	2.0914e+01	1.6643e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	-1.5733e+02	1.4914e+01	2.1240e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-1.4396e+02	1.1148e+01	1.6190e+01
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.1251e+02	1.3141e+01	-5.1103e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.3157e+02	1.5638e+01	-8.1835e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-1.3462e+02	1.9466e+01	-5.8068e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-1.1569e+02	1.7271e+01	-2.7336e+00
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	-1.0792e+02	1.2336e+00	-6.6784e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.2436e+02	3.1536e+00	-1.1465e+01

1242 0.0000e+00 0.0000e+00 0.0000e+00 -1.3003e+02 1.1502e+01 -8.5284e+00  
1231 0.0000e+00 0.0000e+00 0.0000e+00 -1.1194e+02 7.6258e+00 -3.7421e+00

1364 1229 0.0000e+00 0.0000e+00 0.0000e+00 -1.0358e+02 -8.9122e+00 -7.1448e+00  
1240 0.0000e+00 0.0000e+00 0.0000e+00 -1.1789e+02 -9.4341e+00 -1.1346e+01  
1241 0.0000e+00 0.0000e+00 0.0000e+00 -1.2363e+02 -1.0922e+00 -1.0413e+01  
1230 0.0000e+00 0.0000e+00 0.0000e+00 -1.0636e+02 -3.4551e+00 -6.2121e+00

1365 1228 0.0000e+00 0.0000e+00 0.0000e+00 -1.0026e+02 -1.6307e+01 -4.5825e+00  
1239 0.0000e+00 0.0000e+00 0.0000e+00 -1.1374e+02 -1.8765e+01 -7.4192e+00  
1240 0.0000e+00 0.0000e+00 0.0000e+00 -1.1761e+02 -1.2818e+01 -8.8809e+00  
1229 0.0000e+00 0.0000e+00 0.0000e+00 -1.0213e+02 -1.2390e+01 -6.0442e+00

1366 1227 0.0000e+00 0.0000e+00 0.0000e+00 -9.8970e+01 -2.0086e+01 -1.7738e-01  
1238 0.0000e+00 0.0000e+00 0.0000e+00 -1.1250e+02 -2.3301e+01 -1.0260e+00  
1239 0.0000e+00 0.0000e+00 0.0000e+00 -1.1371e+02 -2.0730e+01 -3.9037e+00  
1228 0.0000e+00 0.0000e+00 0.0000e+00 -9.9480e+01 -1.8264e+01 -3.0551e+00

1367 1226 0.0000e+00 0.0000e+00 0.0000e+00 -1.0020e+02 -1.9738e+01 4.5205e+00  
1237 0.0000e+00 0.0000e+00 0.0000e+00 -1.1444e+02 -2.2406e+01 5.9088e+00  
1238 0.0000e+00 0.0000e+00 0.0000e+00 -1.1272e+02 -2.3529e+01 2.9091e+00  
1227 0.0000e+00 0.0000e+00 0.0000e+00 -9.9105e+01 -2.0276e+01 1.5209e+00

1368 1225 0.0000e+00 0.0000e+00 0.0000e+00 -1.0383e+02 -1.5301e+01 7.9346e+00  
1236 0.0000e+00 0.0000e+00 0.0000e+00 -1.1941e+02 -1.6167e+01 1.1407e+01  
1237 0.0000e+00 0.0000e+00 0.0000e+00 -1.1493e+02 -2.0849e+01 9.5833e+00  
1226 0.0000e+00 0.0000e+00 0.0000e+00 -1.0126e+02 -1.8114e+01 6.1107e+00

1369 1224 0.0000e+00 0.0000e+00 0.0000e+00 -1.0927e+02 -7.2689e+00 8.7928e+00  
1235 0.0000e+00 0.0000e+00 0.0000e+00 -1.2675e+02 -5.5429e+00 1.3847e+01  
1236 0.0000e+00 0.0000e+00 0.0000e+00 -1.2017e+02 -1.3034e+01 1.4200e+01  
1225 0.0000e+00 0.0000e+00 0.0000e+00 -1.0560e+02 -1.2003e+01 9.1449e+00

1370 1223 0.0000e+00 0.0000e+00 0.0000e+00 -1.1651e+02 3.8208e+00 7.2080e+00  
1234 0.0000e+00 0.0000e+00 0.0000e+00 -1.3493e+02 6.9049e+00 1.3217e+01  
1235 0.0000e+00 0.0000e+00 0.0000e+00 -1.2802e+02 -1.2475e+00 1.5396e+01  
1224 0.0000e+00 0.0000e+00 0.0000e+00 -1.1124e+02 -2.4654e+00 9.3873e+00

1371 1222 0.0000e+00 0.0000e+00 0.0000e+00 -1.2233e+02 1.4216e+01 7.1052e+00  
1233 0.0000e+00 0.0000e+00 0.0000e+00 -1.4157e+02 1.6079e+01 1.1673e+01  
1234 0.0000e+00 0.0000e+00 0.0000e+00 -1.3701e+02 1.1444e+01 1.3384e+01  
1223 0.0000e+00 0.0000e+00 0.0000e+00 -1.1764e+02 9.9301e+00 8.8161e+00

1372 440 0.0000e+00 0.0000e+00 0.0000e+00 -8.4887e+01 6.1586e+00 -1.2193e+00  
1231 0.0000e+00 0.0000e+00 0.0000e+00 -1.0425e+02 1.4121e+01 -4.3186e+00  
1232 0.0000e+00 0.0000e+00 0.0000e+00 -1.1080e+02 1.9249e+01 -3.5519e+00  
16 0.0000e+00 0.0000e+00 0.0000e+00 -8.4615e+01 2.5698e+01 -4.5267e-01

1373 439 0.0000e+00 0.0000e+00 0.0000e+00 -8.6745e+01 -1.1766e+00 -4.8182e+00  
1230 0.0000e+00 0.0000e+00 0.0000e+00 -1.0015e+02 5.3478e-01 -6.0311e+00  
1231 0.0000e+00 0.0000e+00 0.0000e+00 -1.0334e+02 9.2266e+00 -3.0720e+00  
440 0.0000e+00 0.0000e+00 0.0000e+00 -8.6006e+01 5.0967e+00 -1.8591e+00

1374 438 0.0000e+00 0.0000e+00 0.0000e+00 -8.5734e+01 -8.3173e+00 -4.7827e+00  
1229 0.0000e+00 0.0000e+00 0.0000e+00 -9.7395e+01 -8.3747e+00 -6.6510e+00  
1230 0.0000e+00 0.0000e+00 0.0000e+00 -1.0045e+02 -1.8895e+00 -5.6190e+00  
439 0.0000e+00 0.0000e+00 0.0000e+00 -8.6465e+01 -3.9841e+00 -3.7507e+00

1375 437 0.0000e+00 0.0000e+00 0.0000e+00 -8.4237e+01 -1.3484e+01 -3.0586e+00  
1228 0.0000e+00 0.0000e+00 0.0000e+00 -9.5225e+01 -1.4765e+01 -4.6179e+00  
1229 0.0000e+00 0.0000e+00 0.0000e+00 -9.7508e+01 -1.0427e+01 -5.2182e+00  
438 0.0000e+00 0.0000e+00 0.0000e+00 -8.5113e+01 -1.0523e+01 -3.6589e+00

1376 436 0.0000e+00 0.0000e+00 0.0000e+00 -8.3632e+01 -1.6190e+01 -3.4677e-01  
1227 0.0000e+00 0.0000e+00 0.0000e+00 -9.4600e+01 -1.7951e+01 -8.0476e-01  
1228 0.0000e+00 0.0000e+00 0.0000e+00 -9.5306e+01 -1.6044e+01 -2.3338e+00  
437 0.0000e+00 0.0000e+00 0.0000e+00 -8.3854e+01 -1.4787e+01 -1.8759e+00

1377 435 0.0000e+00 0.0000e+00 0.0000e+00 -8.4509e+01 -1.6036e+01 2.4807e+00  
1226 0.0000e+00 0.0000e+00 0.0000e+00 -9.5981e+01 -1.7426e+01 3.4361e+00  
1227 0.0000e+00 0.0000e+00 0.0000e+00 -9.4793e+01 -1.8140e+01 1.8245e+00  
436 0.0000e+00 0.0000e+00 0.0000e+00 -8.3760e+01 -1.6349e+01 8.6904e-01

1378 434 0.0000e+00 0.0000e+00 0.0000e+00 -8.6640e+01 -1.2976e+01 4.5350e+00  
1225 0.0000e+00 0.0000e+00 0.0000e+00 -9.9160e+01 -1.3155e+01 6.6800e+00  
1226 0.0000e+00 0.0000e+00 0.0000e+00 -9.6293e+01 -1.6481e+01 5.8426e+00  
435 0.0000e+00 0.0000e+00 0.0000e+00 -8.5160e+01 -1.5007e+01 3.6976e+00

1379 433 0.0000e+00 0.0000e+00 0.0000e+00 -8.9049e+01 -7.1730e+00 5.0395e+00

	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.0331e+02	-5.4328e+00	7.6711e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-9.9459e+01	-1.1304e+01	8.3519e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	-8.7567e+01	-1.0908e+01	5.7203e+00
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	-8.9837e+01	1.9650e+00	3.6003e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-1.0785e+02	5.7721e+00	5.8446e+00
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.0345e+02	-2.9649e+00	8.4309e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	-8.9694e+01	-4.2631e+00	6.1866e+00
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-9.0801e+01	2.4552e+01	2.8393e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-1.1733e+02	1.6553e+01	7.5916e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-1.0939e+02	1.1249e+01	7.5497e+00
	432	0.0000e+00	0.0000e+00	0.0000e+00	-8.9113e+01	3.3333e+00	2.7974e+00
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	2.7082e+01	6.5923e+01	-1.9452e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	9.2539e+01	-1.1990e+02	-5.1771e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	2.3827e+02	2.7432e+02	-2.1494e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-8.9728e+01	1.2071e+02	-3.5768e+01
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	-4.3984e+00	-7.2272e+00	-3.3065e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.9239e+01	-1.2203e+02	-2.0424e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	9.1586e+01	1.4328e+02	-2.2069e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	-2.1131e+01	3.1726e+01	-3.4710e+01
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	-2.6033e+01	-4.3182e+01	-2.9382e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.2612e+01	-1.2242e+02	-2.2073e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.9352e+01	5.0192e+01	-2.6140e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	-3.7962e+01	-2.1021e+01	-3.3449e+01
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	-3.9602e+01	-6.4244e+01	-2.2661e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	7.9352e+00	-1.1139e+02	-1.8542e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.2738e+01	-1.7532e+01	-2.4766e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	-4.6058e+01	-5.2390e+01	-2.8886e+01
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	-4.6916e+01	-7.1201e+01	-1.4113e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	3.0814e+00	-8.8630e+01	-1.2563e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	7.7715e+00	-6.5045e+01	-1.9799e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	-4.8464e+01	-6.8189e+01	-2.1350e+01
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	-4.8694e+01	-6.4766e+01	-5.3661e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	7.3214e+00	-5.2982e+01	-6.1893e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	2.5188e+00	-9.5994e+01	-1.3358e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	-4.5559e+01	-7.0059e+01	-1.2535e+01
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	-4.5192e+01	-4.4880e+01	1.9812e+00
	1215	0.0000e+00	0.0000e+00	0.0000e+00	2.0937e+01	-2.5132e+00	-1.3261e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	6.3803e+00	-1.1294e+02	-7.3607e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	-3.7337e+01	-5.8657e+01	-4.0534e+00
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	-3.6339e+01	-1.0554e+01	6.2598e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	4.5478e+01	6.5687e+01	-2.1697e-02
	1215	0.0000e+00	0.0000e+00	0.0000e+00	1.9762e+01	-1.1760e+02	-3.8136e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	-2.3352e+01	-3.3870e+01	2.4679e+00
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	-1.9648e+01	4.3202e+01	7.0903e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	8.4333e+01	1.5581e+02	-4.0193e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	4.4382e+01	-1.1071e+02	-5.3274e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	-2.2079e+00	4.4810e+00	5.7821e+00
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	-8.8982e+01	1.2978e+02	7.0787e+00
	24	0.0000e+00	0.0000e+00	0.0000e+00	2.2332e+02	2.7856e+02	-4.3215e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	8.4241e+01	-1.0182e+02	-1.9885e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	2.6998e+01	7.7678e+01	-8.4850e+00
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	-1.2515e+02	4.9695e+01	-4.8449e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	-4.3978e+01	6.7728e+01	-5.5579e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-5.4610e+01	8.9939e+01	-3.6667e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	-1.2897e+02	7.0639e+01	-2.9537e+01
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	-1.1036e+02	-3.1366e+00	-5.0882e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	-5.4189e+01	3.9916e+00	-5.3275e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	-5.8386e+01	1.0112e+01	-6.0390e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	-1.1101e+02	3.1286e+01	-5.7998e+01
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	-1.0497e+02	-3.4906e+01	-4.1839e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	-6.3334e+01	-3.6664e+01	-4.1317e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	-6.0957e+01	-3.2396e+01	-5.3048e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	-1.0629e+02	-1.0997e+01	-5.3570e+01

1395 1198 0.0000e+00 0.0000e+00 0.0000e+00 -1.0265e+02 -5.2804e+01 -2.8256e+01  
1208 0.0000e+00 0.0000e+00 0.0000e+00 -6.8960e+01 -6.0146e+01 -2.7887e+01  
1209 0.0000e+00 0.0000e+00 0.0000e+00 -6.7602e+01 -5.8032e+01 -4.0927e+01  
1199 0.0000e+00 0.0000e+00 0.0000e+00 -1.0326e+02 -3.9632e+01 -4.1296e+01

1396 1197 0.0000e+00 0.0000e+00 0.0000e+00 -1.0080e+02 -5.7937e+01 -1.2758e+01  
1207 0.0000e+00 0.0000e+00 0.0000e+00 -7.0927e+01 -6.9609e+01 -1.3149e+01  
1208 0.0000e+00 0.0000e+00 0.0000e+00 -7.0766e+01 -6.9776e+01 -2.6654e+01  
1198 0.0000e+00 0.0000e+00 0.0000e+00 -1.0176e+02 -5.4790e+01 -2.6263e+01

1397 1196 0.0000e+00 0.0000e+00 0.0000e+00 -9.8946e+01 -5.1050e+01 2.9089e+00  
1206 0.0000e+00 0.0000e+00 0.0000e+00 -6.9307e+01 -6.6176e+01 1.6717e+00  
1207 0.0000e+00 0.0000e+00 0.0000e+00 -7.0382e+01 -6.8586e+01 -1.1623e+01  
1197 0.0000e+00 0.0000e+00 0.0000e+00 -1.0038e+02 -5.7468e+01 -1.0386e+01

1398 1195 0.0000e+00 0.0000e+00 0.0000e+00 -9.7308e+01 -3.2232e+01 1.7232e+01  
1205 0.0000e+00 0.0000e+00 0.0000e+00 -6.4293e+01 -5.0184e+01 1.5324e+01  
1206 0.0000e+00 0.0000e+00 0.0000e+00 -6.6464e+01 -5.4715e+01 2.9242e+00  
1196 0.0000e+00 0.0000e+00 0.0000e+00 -9.9005e+01 -4.8190e+01 4.8330e+00

1399 1194 0.0000e+00 0.0000e+00 0.0000e+00 -9.7381e+01 -1.1829e+00 2.8249e+01  
1204 0.0000e+00 0.0000e+00 0.0000e+00 -5.6197e+01 -2.1300e+01 2.6372e+01  
1205 0.0000e+00 0.0000e+00 0.0000e+00 -5.9146e+01 -2.7653e+01 1.5762e+01  
1195 0.0000e+00 0.0000e+00 0.0000e+00 -9.8237e+01 -2.6826e+01 1.7639e+01

1400 1193 0.0000e+00 0.0000e+00 0.0000e+00 -9.9339e+01 4.1349e+01 3.0754e+01  
1203 0.0000e+00 0.0000e+00 0.0000e+00 -5.2809e+01 2.2725e+01 3.2017e+01  
1204 0.0000e+00 0.0000e+00 0.0000e+00 -4.8806e+01 1.5033e+01 2.6653e+01  
1194 0.0000e+00 0.0000e+00 0.0000e+00 -1.0078e+02 6.9982e+00 2.5390e+01

1401 1132 0.0000e+00 0.0000e+00 0.0000e+00 -1.1500e+02 7.7574e+01 -2.7244e-01  
1143 0.0000e+00 0.0000e+00 0.0000e+00 -4.8214e+01 1.0122e+02 5.7714e+00  
1203 0.0000e+00 0.0000e+00 0.0000e+00 -3.8161e+01 7.7916e+01 2.7087e+01  
1193 0.0000e+00 0.0000e+00 0.0000e+00 -1.1281e+02 5.9486e+01 2.1043e+01

1402 1191 0.0000e+00 0.0000e+00 0.0000e+00 -1.6057e+02 3.0754e+01 -3.6562e+01  
1201 0.0000e+00 0.0000e+00 0.0000e+00 -1.3285e+02 3.9254e+01 -4.4025e+01  
1202 0.0000e+00 0.0000e+00 0.0000e+00 -1.4187e+02 5.7453e+01 -3.1077e+01  
1192 0.0000e+00 0.0000e+00 0.0000e+00 -1.6667e+02 4.0394e+01 -2.3614e+01

1403 1190 0.0000e+00 0.0000e+00 0.0000e+00 -1.4545e+02 2.2347e+00 -4.1010e+01  
1200 0.0000e+00 0.0000e+00 0.0000e+00 -1.2241e+02 -2.1787e+00 -5.1718e+01  
1201 0.0000e+00 0.0000e+00 0.0000e+00 -1.3549e+02 2.5338e+01 -5.1081e+01  
1191 0.0000e+00 0.0000e+00 0.0000e+00 -1.5406e+02 1.9668e+01 -4.0373e+01

1404 1189 0.0000e+00 0.0000e+00 0.0000e+00 -1.3323e+02 -2.2978e+01 -3.5620e+01  
1199 0.0000e+00 0.0000e+00 0.0000e+00 -1.1676e+02 -3.1649e+01 -4.2760e+01  
1200 0.0000e+00 0.0000e+00 0.0000e+00 -1.2351e+02 -1.2709e+01 -4.9795e+01  
1190 0.0000e+00 0.0000e+00 0.0000e+00 -1.4095e+02 -7.4936e+00 -4.2655e+01

1405 1188 0.0000e+00 0.0000e+00 0.0000e+00 -1.2565e+02 -3.8400e+01 -2.4580e+01  
1198 0.0000e+00 0.0000e+00 0.0000e+00 -1.1349e+02 -4.8964e+01 -2.8921e+01  
1199 0.0000e+00 0.0000e+00 0.0000e+00 -1.1721e+02 -3.8775e+01 -3.9134e+01  
1189 0.0000e+00 0.0000e+00 0.0000e+00 -1.3073e+02 -2.9178e+01 -3.4793e+01

1406 1187 0.0000e+00 0.0000e+00 0.0000e+00 -1.2167e+02 -4.3230e+01 -1.1067e+01  
1197 0.0000e+00 0.0000e+00 0.0000e+00 -1.1147e+02 -5.4365e+01 -1.3272e+01  
1198 0.0000e+00 0.0000e+00 0.0000e+00 -1.1334e+02 -5.2367e+01 -2.4570e+01  
1188 0.0000e+00 0.0000e+00 0.0000e+00 -1.2427e+02 -4.1200e+01 -2.2365e+01

1407 1186 0.0000e+00 0.0000e+00 0.0000e+00 -1.2078e+02 -3.7800e+01 2.6298e+00  
1196 0.0000e+00 0.0000e+00 0.0000e+00 -1.1040e+02 -4.8372e+01 2.3423e+00  
1197 0.0000e+00 0.0000e+00 0.0000e+00 -1.1076e+02 -5.4235e+01 -8.7497e+00  
1187 0.0000e+00 0.0000e+00 0.0000e+00 -1.2100e+02 -4.2911e+01 -8.4622e+00

1408 1185 0.0000e+00 0.0000e+00 0.0000e+00 -1.2306e+02 -2.2603e+01 1.4323e+01  
1195 0.0000e+00 0.0000e+00 0.0000e+00 -1.1065e+02 -3.1182e+01 1.6163e+01  
1196 0.0000e+00 0.0000e+00 0.0000e+00 -1.0914e+02 -4.4790e+01 6.5758e+00  
1186 0.0000e+00 0.0000e+00 0.0000e+00 -1.2084e+02 -3.4443e+01 4.7354e+00

1409 1184 0.0000e+00 0.0000e+00 0.0000e+00 -1.2904e+02 1.0093e+00 2.0911e+01  
1194 0.0000e+00 0.0000e+00 0.0000e+00 -1.1345e+02 -2.7371e+00 2.5515e+01  
1195 0.0000e+00 0.0000e+00 0.0000e+00 -1.0888e+02 -2.4136e+01 1.9547e+01  
1185 0.0000e+00 0.0000e+00 0.0000e+00 -1.2428e+02 -1.6101e+01 1.4942e+01

1410 1183 0.0000e+00 0.0000e+00 0.0000e+00 -1.3778e+02 2.7993e+01 1.6854e+01  
1193 0.0000e+00 0.0000e+00 0.0000e+00 -1.2202e+02 3.5540e+01 2.4902e+01  
1194 0.0000e+00 0.0000e+00 0.0000e+00 -1.1114e+02 7.2408e+00 2.7045e+01

	1184	0.0000e+00	0.0000e+00	0.0000e+00	-1.3235e+02	1.0558e+01	1.8997e+01
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	-1.4582e+02	4.5324e+01	-2.0438e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	-1.2475e+02	6.4571e+01	2.4344e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	-1.1831e+02	4.8163e+01	1.7256e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	-1.4318e+02	3.8150e+01	1.2778e+01
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	-1.6041e+02	1.8713e+01	-2.6740e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	-1.5985e+02	2.5453e+01	-3.2991e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-1.6694e+02	3.4273e+01	-2.4522e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	-1.6598e+02	2.4295e+01	-1.8271e+01
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	-1.4829e+02	1.6684e+00	-3.0044e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	-1.4746e+02	1.6379e+00	-3.9848e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	-1.5961e+02	1.6977e+01	-3.7277e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-1.5600e+02	1.1871e+01	-2.7473e+01
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	-1.3618e+02	-1.5616e+01	-2.6851e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	-1.3678e+02	-2.0384e+01	-3.5519e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	-1.4681e+02	-7.4229e+00	-3.8736e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-1.4371e+02	-5.8386e+00	-3.0068e+01
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	-1.2732e+02	-2.7235e+01	-1.9003e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	-1.2952e+02	-3.4567e+01	-2.4880e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	-1.3595e+02	-2.7102e+01	-3.1614e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-1.3280e+02	-2.1140e+01	-2.5737e+01
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	-1.2249e+02	-3.1069e+01	-8.7771e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	-1.2568e+02	-3.9291e+01	-1.1666e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	-1.2868e+02	-3.7895e+01	-1.9862e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-1.2534e+02	-2.9937e+01	-1.6974e+01
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	-1.2165e+02	-2.6904e+01	1.5596e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	-1.2512e+02	-3.4508e+01	1.6023e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	-1.2488e+02	-3.9092e+01	-6.4107e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-1.2180e+02	-3.0878e+01	-6.4534e+00
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	-1.2464e+02	-1.5421e+01	9.6607e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	-1.2799e+02	-2.0650e+01	1.2619e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	-1.2438e+02	-3.0884e+01	6.4379e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	-1.2226e+02	-2.3911e+01	3.4796e+00
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	-1.3090e+02	1.3555e+00	1.2870e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	-1.3434e+02	8.7950e-01	1.8457e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	-1.2726e+02	-1.3953e+01	1.6155e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	-1.2666e+02	-9.8842e+00	1.0567e+01
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	-1.3824e+02	1.8562e+01	8.7784e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	-1.4242e+02	2.5070e+01	1.5224e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	-1.3350e+02	9.3516e+00	1.9017e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	-1.3411e+02	8.3731e+00	1.2571e+01
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	-1.4287e+02	2.7618e+01	-2.0282e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	-1.4455e+02	3.9045e+01	3.9401e-01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	-1.4128e+02	3.2093e+01	1.0202e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	-1.4123e+02	2.4158e+01	7.7797e+00
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.4213e+02	1.2564e+01	-1.7871e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-1.5511e+02	1.6690e+01	-2.3338e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	-1.6096e+02	2.2195e+01	-1.8395e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.4736e+02	1.6563e+01	-1.2928e+01
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	-1.3238e+02	4.2707e-01	-1.9489e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-1.4400e+02	1.4865e+00	-2.7653e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-1.5367e+02	1.1421e+01	-2.5109e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.3925e+02	7.4586e+00	-1.6945e+01
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	-1.2260e+02	-1.1542e+01	-1.8005e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-1.3335e+02	-1.3867e+01	-2.5658e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-1.4251e+02	-4.5132e+00	-2.6470e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-1.2895e+02	-5.2350e+00	-1.8817e+01
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	-1.1504e+02	-1.9678e+01	-1.3222e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-1.2558e+02	-2.4211e+01	-1.8724e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-1.3206e+02	-1.8497e+01	-2.2322e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-1.1971e+02	-1.5928e+01	-1.6820e+01
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	-1.1065e+02	-2.2342e+01	-6.4600e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-1.2140e+02	-2.7582e+01	-9.2582e+00

1178 0.0000e+00 0.0000e+00 0.0000e+00 -1.2454e+02 -2.6559e+01 -1.4267e+01  
1168 0.0000e+00 0.0000e+00 0.0000e+00 -1.1319e+02 -2.1913e+01 -1.1468e+01

1427 1166 0.0000e+00 0.0000e+00 0.0000e+00 -1.0969e+02 -1.9238e+01 3.5231e-01  
1176 0.0000e+00 0.0000e+00 0.0000e+00 -1.2090e+02 -2.3662e+01 3.3963e-01  
1177 0.0000e+00 0.0000e+00 0.0000e+00 -1.2063e+02 -2.7401e+01 -4.5269e+00  
1167 0.0000e+00 0.0000e+00 0.0000e+00 -1.1000e+02 -2.2219e+01 -4.5142e+00

1428 1165 0.0000e+00 0.0000e+00 0.0000e+00 -1.1194e+02 -1.0975e+01 5.1946e+00  
1175 0.0000e+00 0.0000e+00 0.0000e+00 -1.2391e+02 -1.3044e+01 7.7759e+00  
1176 0.0000e+00 0.0000e+00 0.0000e+00 -1.2040e+02 -2.1052e+01 4.6001e+00  
1166 0.0000e+00 0.0000e+00 0.0000e+00 -1.1023e+02 -1.6852e+01 2.0187e+00

1429 1164 0.0000e+00 0.0000e+00 0.0000e+00 -1.1667e+02 8.2604e-01 6.3420e+00  
1174 0.0000e+00 0.0000e+00 0.0000e+00 -1.2963e+02 2.3078e+00 1.0846e+01  
1175 0.0000e+00 0.0000e+00 0.0000e+00 -1.2366e+02 -8.4616e+00 1.0719e+01  
1165 0.0000e+00 0.0000e+00 0.0000e+00 -1.1351e+02 -6.7284e+00 6.2146e+00

1430 1163 0.0000e+00 0.0000e+00 0.0000e+00 -1.2210e+02 1.2810e+01 3.3548e+00  
1173 0.0000e+00 0.0000e+00 0.0000e+00 -1.3572e+02 1.7675e+01 8.0393e+00  
1174 0.0000e+00 0.0000e+00 0.0000e+00 -1.2960e+02 7.7307e+00 1.1459e+01  
1164 0.0000e+00 0.0000e+00 0.0000e+00 -1.1874e+02 5.8447e+00 6.7748e+00

1431 1099 0.0000e+00 0.0000e+00 0.0000e+00 -1.2496e+02 1.8760e+01 -1.7510e+00  
1110 0.0000e+00 0.0000e+00 0.0000e+00 -1.3745e+02 2.5110e+01 -2.0432e-01  
1173 0.0000e+00 0.0000e+00 0.0000e+00 -1.3572e+02 2.1623e+01 5.5706e+00  
1163 0.0000e+00 0.0000e+00 0.0000e+00 -1.2355e+02 1.6573e+01 4.0239e+00

1432 1161 0.0000e+00 0.0000e+00 0.0000e+00 -1.1632e+02 1.0778e+01 -9.9281e+00  
1171 0.0000e+00 0.0000e+00 0.0000e+00 -1.3526e+02 1.2644e+01 -1.4849e+01  
1172 0.0000e+00 0.0000e+00 0.0000e+00 -1.4019e+02 1.6902e+01 -1.2831e+01  
1162 0.0000e+00 0.0000e+00 0.0000e+00 -1.2136e+02 1.4785e+01 -7.9104e+00

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1161 0.0000e+00 0.0000e+00 0.0000e+00 -1.1497e+02 4.8800e+00 -8.4731e+00

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1153 0.0000e+00 0.0000e+00 0.0000e+00 -9.9512e+01 1.3747e+01 8.8009e-01

1442 323 0.0000e+00 0.0000e+00 0.0000e+00 -8.8435e+01 4.1883e+00 -3.5272e+00



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1476 1116 0.0000e+00 0.0000e+00 0.0000e+00 -1.0005e+02 -6.0543e+01 -1.3510e+01  
1127 0.0000e+00 0.0000e+00 0.0000e+00 -8.9812e+01 -6.8582e+01 -1.8356e+01  
1128 0.0000e+00 0.0000e+00 0.0000e+00 -9.3724e+01 -5.7749e+01 -2.5807e+01  
1117 0.0000e+00 0.0000e+00 0.0000e+00 -1.0507e+02 -4.9610e+01 -2.0960e+01

1477 1115 0.0000e+00 0.0000e+00 0.0000e+00 -9.4774e+01 -6.9036e+01 -4.2456e+00  
1126 0.0000e+00 0.0000e+00 0.0000e+00 -8.5421e+01 -7.6972e+01 -8.4041e+00  
1127 0.0000e+00 0.0000e+00 0.0000e+00 -8.8983e+01 -7.2436e+01 -1.5941e+01  
1116 0.0000e+00 0.0000e+00 0.0000e+00 -9.8873e+01 -6.4007e+01 -1.1782e+01

1478 1114 0.0000e+00 0.0000e+00 0.0000e+00 -8.9765e+01 -6.8201e+01 4.6468e+00  
1125 0.0000e+00 0.0000e+00 0.0000e+00 -8.0115e+01 -7.5504e+01 6.7372e-01  
1126 0.0000e+00 0.0000e+00 0.0000e+00 -8.3755e+01 -7.8165e+01 -6.3007e+00  
1115 0.0000e+00 0.0000e+00 0.0000e+00 -9.3444e+01 -7.0324e+01 -2.3277e+00

1479 1113 0.0000e+00 0.0000e+00 0.0000e+00 -8.5636e+01 -5.5410e+01 1.2038e+01  
1124 0.0000e+00 0.0000e+00 0.0000e+00 -7.2551e+01 -6.1235e+01 8.1669e+00  
1125 0.0000e+00 0.0000e+00 0.0000e+00 -7.7307e+01 -7.3734e+01 2.2257e+00  
1114 0.0000e+00 0.0000e+00 0.0000e+00 -8.8011e+01 -6.6657e+01 6.0972e+00

1480 1112 0.0000e+00 0.0000e+00 0.0000e+00 -7.4327e+01 -2.5172e+01 1.6294e+01  
1123 0.0000e+00 0.0000e+00 0.0000e+00 -7.3160e+01 -2.8843e+01 1.3897e+01  
1124 0.0000e+00 0.0000e+00 0.0000e+00 -6.8809e+01 -5.4257e+01 1.0790e+01  
1113 0.0000e+00 0.0000e+00 0.0000e+00 -8.3092e+01 -5.1180e+01 1.3186e+01

1481 1111 0.0000e+00 0.0000e+00 0.0000e+00 -1.2552e+02 2.3318e+01 8.9550e+00  
1122 0.0000e+00 0.0000e+00 0.0000e+00 -5.2203e+00 3.8365e+01 5.0384e+00  
1123 0.0000e+00 0.0000e+00 0.0000e+00 -6.3012e+01 -2.1343e+01 4.2821e+00  
1112 0.0000e+00 0.0000e+00 0.0000e+00 -7.4949e+01 -4.6541e+00 8.1987e+00

1482 1109 0.0000e+00 0.0000e+00 0.0000e+00 -1.3915e+02 2.1012e+01 -1.2250e+01  
1120 0.0000e+00 0.0000e+00 0.0000e+00 -1.3897e+02 2.9731e+01 -1.6928e+01  
1121 0.0000e+00 0.0000e+00 0.0000e+00 -1.4488e+02 3.8035e+01 -7.6319e+00  
1110 0.0000e+00 0.0000e+00 0.0000e+00 -1.4186e+02 2.6568e+01 -2.9536e+00

1483 1108 0.0000e+00 0.0000e+00 0.0000e+00 -1.2992e+02 3.8653e+00 -1.7911e+01  
1119 0.0000e+00 0.0000e+00 0.0000e+00 -1.2874e+02 6.2764e+00 -2.6727e+01  
1120 0.0000e+00 0.0000e+00 0.0000e+00 -1.3857e+02 2.3549e+01 -2.1904e+01  
1109 0.0000e+00 0.0000e+00 0.0000e+00 -1.3634e+02 1.5486e+01 -1.3088e+01

1484 1107 0.0000e+00 0.0000e+00 0.0000e+00 -1.1942e+02 -1.7286e+01 -1.8342e+01  
1118 0.0000e+00 0.0000e+00 0.0000e+00 -1.1876e+02 -1.9514e+01 -2.7273e+01  
1119 0.0000e+00 0.0000e+00 0.0000e+00 -1.2818e+02 -1.8916e+00 -2.7490e+01  
1108 0.0000e+00 0.0000e+00 0.0000e+00 -1.2645e+02 -3.6473e+00 -1.8559e+01

1485 1106 0.0000e+00 0.0000e+00 0.0000e+00 -1.1041e+02 -3.6574e+01 -1.4370e+01  
1117 0.0000e+00 0.0000e+00 0.0000e+00 -1.1073e+02 -4.1709e+01 -2.1694e+01  
1118 0.0000e+00 0.0000e+00 0.0000e+00 -1.1806e+02 -2.7256e+01 -2.5431e+01  
1107 0.0000e+00 0.0000e+00 0.0000e+00 -1.1657e+02 -2.4276e+01 -1.8107e+01

1486 1105 0.0000e+00 0.0000e+00 0.0000e+00 -1.0362e+02 -5.1056e+01 -7.5419e+00  
1116 0.0000e+00 0.0000e+00 0.0000e+00 -1.0449e+02 -5.7757e+01 -1.3088e+01  
1117 0.0000e+00 0.0000e+00 0.0000e+00 -1.0992e+02 -4.7644e+01 -1.8748e+01  
1106 0.0000e+00 0.0000e+00 0.0000e+00 -1.0840e+02 -4.2056e+01 -1.3201e+01

1487 1104 0.0000e+00 0.0000e+00 0.0000e+00 -9.8805e+01 -5.9128e+01 6.9371e-01  
1115 0.0000e+00 0.0000e+00 0.0000e+00 -9.9397e+01 -6.6453e+01 -3.3875e+00  
1116 0.0000e+00 0.0000e+00 0.0000e+00 -1.0348e+02 -6.1378e+01 -9.8281e+00  
1105 0.0000e+00 0.0000e+00 0.0000e+00 -1.0224e+02 -5.4718e+01 -5.7469e+00

1488 1103 0.0000e+00 0.0000e+00 0.0000e+00 -9.5449e+01 -5.9163e+01 9.0461e+00  
1114 0.0000e+00 0.0000e+00 0.0000e+00 -9.4959e+01 -6.6318e+01 6.1382e+00  
1115 0.0000e+00 0.0000e+00 0.0000e+00 -9.7992e+01 -6.7381e+01 -2.1559e-01  
1104 0.0000e+00 0.0000e+00 0.0000e+00 -9.7773e+01 -6.0740e+01 2.6923e+00

1489 1102 0.0000e+00 0.0000e+00 0.0000e+00 -9.3892e+01 -4.8908e+01 1.5995e+01  
1113 0.0000e+00 0.0000e+00 0.0000e+00 -9.0155e+01 -5.4553e+01 1.4153e+01

	1114	0.0000e+00	0.0000e+00	0.0000e+00	-9.2822e+01	-6.4043e+01	8.8296e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	-9.4618e+01	-5.8129e+01	1.0672e+01
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	-8.8802e+01	-2.4822e+01	1.9362e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	-9.1211e+01	-2.7229e+01	1.9231e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	-8.7245e+01	-4.7709e+01	1.6992e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	-9.3010e+01	-4.5254e+01	1.7124e+01
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	-1.2208e+02	1.2784e+01	1.2128e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	-4.8950e+01	2.6177e+01	1.0572e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	-8.3580e+01	-1.8291e+01	1.2872e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	-9.0313e+01	-9.8917e+00	1.4428e+01
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.2204e+02	1.3069e+01	-6.0128e+00
	1109	0.0000e+00	0.0000e+00	0.0000e+00	-1.3363e+02	1.8401e+01	-9.4120e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	-1.3761e+02	2.4159e+01	-4.0390e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-1.2433e+02	1.7824e+01	-6.3981e-01
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.1564e+02	-2.1197e-01	-9.1492e+00
	1108	0.0000e+00	0.0000e+00	0.0000e+00	-1.2568e+02	2.2755e+00	-1.5665e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	-1.3274e+02	1.4476e+01	-1.1909e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.2058e+02	8.8079e+00	-5.3932e+00
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.0829e+02	-1.6294e+01	-9.9417e+00
	1107	0.0000e+00	0.0000e+00	0.0000e+00	-1.1692e+02	-1.7115e+01	-1.6997e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	-1.2474e+02	-3.1474e+00	-1.6020e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.1347e+02	-6.0878e+00	-8.9656e+00
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	-1.0172e+02	-3.1528e+01	-7.5885e+00
	1106	0.0000e+00	0.0000e+00	0.0000e+00	-1.0941e+02	-3.5025e+01	-1.3657e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	-1.1608e+02	-2.2513e+01	-1.5449e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.0623e+02	-2.2119e+01	-9.3805e+00
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	-9.6854e+01	-4.3566e+01	-2.6483e+00
	1105	0.0000e+00	0.0000e+00	0.0000e+00	-1.0372e+02	-4.8782e+01	-7.1496e+00
	1106	0.0000e+00	0.0000e+00	0.0000e+00	-1.0868e+02	-3.9395e+01	-1.0949e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	-1.0018e+02	-3.6361e+01	-6.4476e+00
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	-9.3995e+01	-5.0708e+01	3.8033e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	-9.9779e+01	-5.6741e+01	9.9180e-01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	-1.0303e+02	-5.1508e+01	-3.8934e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-9.5921e+01	-4.6934e+01	-1.0820e+00
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	-9.3131e+01	-5.1295e+01	1.0534e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	-9.7419e+01	-5.7224e+01	9.4149e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	-9.8999e+01	-5.7299e+01	4.3607e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-9.3612e+01	-5.2253e+01	5.4796e+00
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	-9.4562e+01	-4.3430e+01	1.6039e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	-9.6008e+01	-4.7937e+01	1.6589e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	-9.6303e+01	-5.5044e+01	1.2416e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-9.3254e+01	-5.0491e+01	1.1866e+01
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	-9.5013e+01	-2.5118e+01	1.8300e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	-9.8802e+01	-2.6359e+01	2.0665e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	-9.4407e+01	-4.2137e+01	1.9226e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	-9.5051e+01	-4.0252e+01	1.6861e+01
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	-1.1592e+02	2.0045e+00	1.2410e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	-7.6781e+01	1.2651e+01	1.3259e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	-9.4024e+01	-1.8048e+01	1.6672e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	-9.7116e+01	-1.4812e+01	1.5822e+01
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	-9.8680e+01	9.9813e+00	-1.2123e+00
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.1542e+02	1.2632e+01	-3.8761e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-1.1817e+02	1.7778e+01	-1.6319e+00
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-1.0084e+02	1.5556e+01	1.0319e+00
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	-9.5242e+01	-3.0788e+00	-3.1878e+00
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.0941e+02	-9.8020e-01	-7.5770e+00
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.1418e+02	9.1406e+00	-4.5919e+00
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-9.8565e+01	4.7572e+00	-2.0267e-01
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	-9.1696e+01	-1.6310e+01	-4.5732e+00
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.0328e+02	-1.6348e+01	-8.9560e+00
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.0871e+02	-4.9387e+00	-7.4098e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-9.4341e+01	-8.3335e+00	-3.0270e+00
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	-8.8423e+01	-2.8428e+01	-3.3813e+00

1095 0.0000e+00 0.0000e+00 0.0000e+00 -9.8260e+01 -3.0602e+01 -7.1419e+00  
1096 0.0000e+00 0.0000e+00 0.0000e+00 -1.0291e+02 -2.0127e+01 -7.7329e+00  
1085 0.0000e+00 0.0000e+00 0.0000e+00 -9.0698e+01 -2.1018e+01 -3.9723e+00

1506 1083 0.0000e+00 0.0000e+00 0.0000e+00 -8.6288e+01 -3.8263e+01 -1.0531e-01  
1094 0.0000e+00 0.0000e+00 0.0000e+00 -9.4749e+01 -4.1939e+01 -2.6775e+00  
1095 0.0000e+00 0.0000e+00 0.0000e+00 -9.8050e+01 -3.3717e+01 -4.9946e+00  
1084 0.0000e+00 0.0000e+00 0.0000e+00 -8.7725e+01 -3.2361e+01 -2.4224e+00

1507 1082 0.0000e+00 0.0000e+00 0.0000e+00 -8.5884e+01 -4.4430e+01 4.3986e+00  
1093 0.0000e+00 0.0000e+00 0.0000e+00 -9.3008e+01 -4.8836e+01 3.3931e+00  
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1083 0.0000e+00 0.0000e+00 0.0000e+00 -8.6087e+01 -4.1056e+01 1.0645e+00

1508 1081 0.0000e+00 0.0000e+00 0.0000e+00 -8.7467e+01 -4.5474e+01 9.0742e+00  
1092 0.0000e+00 0.0000e+00 0.0000e+00 -9.3187e+01 -4.9682e+01 9.8442e+00  
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1082 0.0000e+00 0.0000e+00 0.0000e+00 -8.6254e+01 -4.5698e+01 5.5653e+00

1509 1080 0.0000e+00 0.0000e+00 0.0000e+00 -9.1281e+01 -3.9864e+01 1.2561e+01  
1091 0.0000e+00 0.0000e+00 0.0000e+00 -9.5085e+01 -4.2613e+01 1.5191e+01  
1092 0.0000e+00 0.0000e+00 0.0000e+00 -9.3085e+01 -4.7737e+01 1.2533e+01  
1081 0.0000e+00 0.0000e+00 0.0000e+00 -8.8437e+01 -4.4716e+01 9.9032e+00

1510 1079 0.0000e+00 0.0000e+00 0.0000e+00 -9.6183e+01 -2.5890e+01 1.3433e+01  
1090 0.0000e+00 0.0000e+00 0.0000e+00 -9.9951e+01 -2.6202e+01 1.8054e+01  
1091 0.0000e+00 0.0000e+00 0.0000e+00 -9.4911e+01 -3.7814e+01 1.7366e+01  
1080 0.0000e+00 0.0000e+00 0.0000e+00 -9.2711e+01 -3.6634e+01 1.2746e+01

1511 1078 0.0000e+00 0.0000e+00 0.0000e+00 -1.0928e+02 -6.2885e+00 1.0011e+01  
1089 0.0000e+00 0.0000e+00 0.0000e+00 -9.2813e+01 5.6942e-01 1.3053e+01  
1090 0.0000e+00 0.0000e+00 0.0000e+00 -9.8087e+01 -1.8855e+01 1.5808e+01  
1079 0.0000e+00 0.0000e+00 0.0000e+00 -9.8402e+01 -1.7981e+01 1.2766e+01

1512 215 0.0000e+00 0.0000e+00 0.0000e+00 -7.3656e+01 3.8784e+00 1.1178e+00  
1087 0.0000e+00 0.0000e+00 0.0000e+00 -9.1199e+01 1.0497e+01 -7.7626e-01  
1088 0.0000e+00 0.0000e+00 0.0000e+00 -9.6355e+01 1.7237e+01 2.7712e-01  
13 0.0000e+00 0.0000e+00 0.0000e+00 -7.1988e+01 2.1568e+01 2.1712e+00

1513 214 0.0000e+00 0.0000e+00 0.0000e+00 -7.6834e+01 -6.1946e+00 -2.3432e+00  
1086 0.0000e+00 0.0000e+00 0.0000e+00 -8.8215e+01 -4.3836e+00 -2.8860e+00  
1087 0.0000e+00 0.0000e+00 0.0000e+00 -9.0703e+01 6.2078e+00 2.4769e-02  
215 0.0000e+00 0.0000e+00 0.0000e+00 -7.5345e+01 1.6982e+00 5.6752e-01

1514 213 0.0000e+00 0.0000e+00 0.0000e+00 -7.7129e+01 -1.6786e+01 -2.9270e+00  
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1086 0.0000e+00 0.0000e+00 0.0000e+00 -8.8787e+01 -6.9486e+00 -2.9730e+00  
214 0.0000e+00 0.0000e+00 0.0000e+00 -7.7282e+01 -9.7250e+00 -1.6106e+00

1515 212 0.0000e+00 0.0000e+00 0.0000e+00 -7.6834e+01 -2.6661e+01 -2.0768e+00  
1084 0.0000e+00 0.0000e+00 0.0000e+00 -8.4677e+01 -2.7967e+01 -3.4689e+00  
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213 0.0000e+00 0.0000e+00 0.0000e+00 -7.7214e+01 -2.0203e+01 -2.2467e+00

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212 0.0000e+00 0.0000e+00 0.0000e+00 -7.7001e+01 -2.9639e+01 -1.4022e+00

1517 210 0.0000e+00 0.0000e+00 0.0000e+00 -7.8922e+01 -4.0320e+01 2.6266e+00  
1082 0.0000e+00 0.0000e+00 0.0000e+00 -8.4381e+01 -4.3169e+01 3.3405e+00  
1083 0.0000e+00 0.0000e+00 0.0000e+00 -8.4309e+01 -3.8668e+01 1.2953e+00  
211 0.0000e+00 0.0000e+00 0.0000e+00 -7.7679e+01 -3.7075e+01 5.8143e-01

1518 209 0.0000e+00 0.0000e+00 0.0000e+00 -8.2473e+01 -4.1692e+01 5.3376e+00  
1081 0.0000e+00 0.0000e+00 0.0000e+00 -8.6770e+01 -4.4348e+01 7.6567e+00  
1082 0.0000e+00 0.0000e+00 0.0000e+00 -8.5037e+01 -4.3338e+01 5.5091e+00  
210 0.0000e+00 0.0000e+00 0.0000e+00 -7.9933e+01 -4.1331e+01 3.1900e+00

1519 208 0.0000e+00 0.0000e+00 0.0000e+00 -8.7769e+01 -3.7822e+01 7.1515e+00  
1080 0.0000e+00 0.0000e+00 0.0000e+00 -9.0714e+01 -3.9220e+01 1.0991e+01  
1081 0.0000e+00 0.0000e+00 0.0000e+00 -8.7428e+01 -4.2882e+01 9.5537e+00  
209 0.0000e+00 0.0000e+00 0.0000e+00 -8.3983e+01 -4.1160e+01 5.7145e+00

1520 207 0.0000e+00 0.0000e+00 0.0000e+00 -9.2557e+01 -2.7386e+01 6.8346e+00  
1079 0.0000e+00 0.0000e+00 0.0000e+00 -9.7199e+01 -2.6191e+01 1.1741e+01  
1080 0.0000e+00 0.0000e+00 0.0000e+00 -9.1164e+01 -3.5684e+01 1.2274e+01  
208 0.0000e+00 0.0000e+00 0.0000e+00 -8.9553e+01 -3.5646e+01 7.3672e+00

1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-1.0243e+02	-2.6202e+00	4.3093e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-1.0187e+02	-7.6283e+00	1.1072e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-9.7709e+01	-1.8671e+01	1.1496e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	-9.4133e+01	-2.4599e+01	4.7330e+00
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	-8.5220e+01	1.0797e+01	-1.0211e+00
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-8.7768e+01	3.8399e+00	4.5395e+00
	20	0.0000e+00	0.0000e+00	0.0000e+00	-6.9906e+01	2.6439e+01	5.4922e+00
	655	0.0000e+00	0.0000e+00	0.0000e+00	-9.2879e+01	1.7405e+01	-6.8367e-02
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	-9.0471e+01	1.9825e+00	-1.7919e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-9.5680e+01	2.8457e+00	2.2173e+00
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-9.1790e+01	7.6248e+00	2.5469e+00
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-8.7004e+01	7.7695e+00	-1.4623e+00
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	-9.3443e+01	1.5185e-01	-9.1167e-01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-9.9109e+01	7.2381e-01	9.1202e-01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-9.7258e+01	2.6759e+00	1.3701e+00
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-9.1948e+01	2.2491e+00	-4.5355e-01
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	-9.3945e+01	1.6187e-01	-2.0956e-01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-9.9656e+01	6.4591e-01	-1.5584e-01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-9.9614e+01	6.5751e-01	2.9818e-01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-9.3888e+01	1.5177e-01	2.4446e-01
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	-9.2163e+01	2.2583e+00	5.2001e-01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-9.7427e+01	2.6309e+00	-1.1948e+00
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-9.9198e+01	7.0228e-01	-7.6506e-01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-9.3539e+01	1.3804e-01	9.4976e-01
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	-8.7410e+01	7.7940e+00	1.5923e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-9.2072e+01	7.5624e+00	-2.2994e+00
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-9.5895e+01	2.7856e+00	-2.0282e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-9.0729e+01	1.9628e+00	1.8635e+00
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	-9.3738e+01	1.7346e+01	9.3172e-02
	19	0.0000e+00	0.0000e+00	0.0000e+00	-7.0256e+01	2.6746e+01	-5.2467e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-8.8061e+01	3.6819e+00	-4.2366e+00
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-8.5731e+01	1.0879e+01	1.1033e+00
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	-9.6609e+01	9.5666e+00	-4.1040e+00
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-8.9066e+01	1.1039e+01	-2.9821e+00
	655	0.0000e+00	0.0000e+00	0.0000e+00	-8.8663e+01	1.4201e+01	-8.5025e-01
	644	0.0000e+00	0.0000e+00	0.0000e+00	-9.4954e+01	1.1026e+01	-1.9721e+00
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	-9.6596e+01	4.7856e+00	-3.2822e+00
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-9.1824e+01	3.7903e+00	-2.4832e+00
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-9.1073e+01	6.3369e+00	-3.6331e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-9.5882e+01	7.8484e+00	-4.4321e+00
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	-9.7114e+01	2.4043e+00	-1.4512e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-9.3751e+01	9.3110e-01	-6.9026e-01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-9.2656e+01	2.1235e+00	-2.2783e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-9.6813e+01	4.1123e+00	-3.0392e+00
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	-9.7392e+01	2.2294e+00	6.8245e-01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-9.4118e+01	5.0749e-01	7.7074e-01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-9.4054e+01	5.2061e-01	-7.9311e-01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-9.7294e+01	2.2079e+00	-8.8140e-01
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	-9.7196e+01	4.1487e+00	2.8527e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-9.2921e+01	2.1098e+00	2.2782e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-9.3879e+01	9.4948e-01	6.7293e-01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-9.7292e+01	2.4100e+00	1.2475e+00
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	-9.6573e+01	7.8504e+00	4.2337e+00
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-9.1603e+01	6.3187e+00	3.6570e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-9.2157e+01	3.8186e+00	2.5011e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-9.7076e+01	4.8068e+00	3.0778e+00
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	-9.5996e+01	1.0863e+01	1.6966e+00
	548	0.0000e+00	0.0000e+00	0.0000e+00	-8.9456e+01	1.4075e+01	8.0144e-01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-8.9664e+01	1.1086e+01	2.9817e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-9.7430e+01	9.5448e+00	3.8768e+00
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.1006e+02	9.1207e+00	-5.4474e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-9.8898e+01	8.3396e+00	-3.7963e+00
	644	0.0000e+00	0.0000e+00	0.0000e+00	-9.7753e+01	9.7109e+00	-3.9382e+00

	633	0.0000e+00	0.0000e+00	0.0000e+00	-1.0818e+02	9.2392e+00	-5.5893e+00
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.1089e+02	7.1245e+00	-3.9116e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-9.9938e+01	4.9165e+00	-3.4870e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-9.9863e+01	7.4075e+00	-4.9984e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.1019e+02	8.4942e+00	-5.4230e+00
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.1113e+02	5.3531e+00	-1.5981e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.0069e+02	2.7785e+00	-1.3717e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-1.0047e+02	4.0665e+00	-3.6519e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.1094e+02	6.4627e+00	-3.8783e+00
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.1135e+02	5.1265e+00	9.3732e-01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-1.0100e+02	2.4366e+00	1.0776e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.0089e+02	2.4522e+00	-1.3741e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.1120e+02	5.1068e+00	-1.5143e+00
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.1151e+02	6.4867e+00	3.2956e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-1.0090e+02	4.0619e+00	3.3538e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-1.0089e+02	2.8147e+00	1.0739e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.1141e+02	5.3600e+00	1.0157e+00
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.1119e+02	8.4435e+00	4.8067e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-1.0064e+02	7.3602e+00	4.6745e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-1.0047e+02	4.9486e+00	3.1792e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.1161e+02	7.1251e+00	3.3113e+00
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.0962e+02	8.9749e+00	4.8993e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	-9.8876e+01	9.4788e+00	3.5367e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-9.9779e+01	8.2975e+00	3.4374e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.1121e+02	9.0179e+00	4.8000e+00
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.2990e+02	1.0977e+01	-7.5183e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.1513e+02	8.3229e+00	-5.3810e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	-1.1322e+02	8.6145e+00	-7.5389e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.2789e+02	1.0664e+01	-9.6761e+00
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.3111e+02	9.7436e+00	-4.5463e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.1639e+02	6.8225e+00	-3.8751e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.1588e+02	8.1663e+00	-6.4382e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.3040e+02	1.0833e+01	-7.1094e+00
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.3145e+02	8.2719e+00	-1.7304e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.1687e+02	5.3028e+00	-1.5849e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.1673e+02	6.3129e+00	-4.3228e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.3133e+02	9.3125e+00	-4.4683e+00
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.3177e+02	8.0770e+00	8.1332e-01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.1717e+02	5.0509e+00	1.0166e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.1700e+02	5.0777e+00	-1.7415e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.3156e+02	8.0642e+00	-1.9448e+00
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.3214e+02	9.3129e+00	3.3309e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.1736e+02	6.2800e+00	3.5892e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.1718e+02	5.3432e+00	8.5333e-01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.3184e+02	8.2744e+00	5.9512e-01
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.3179e+02	1.0722e+01	5.9435e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.1698e+02	8.0455e+00	5.6670e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.1717e+02	6.8362e+00	3.1188e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.3211e+02	9.7153e+00	3.3953e+00
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.2986e+02	1.0283e+01	8.4387e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.1480e+02	8.2610e+00	6.6835e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.1638e+02	8.2098e+00	4.5672e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.3149e+02	1.0801e+01	6.3224e+00
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.5184e+02	1.5339e+01	-9.7669e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.3671e+02	1.0859e+01	-7.5500e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.3434e+02	1.0654e+01	-1.1698e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.5015e+02	1.5216e+01	-1.3915e+01
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.5254e+02	1.3218e+01	-4.9015e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.3791e+02	9.7578e+00	-4.5070e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.3722e+02	1.0715e+01	-8.1760e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.5250e+02	1.5254e+01	-8.5706e+00
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.5248e+02	1.0883e+01	-1.7278e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.3810e+02	8.1590e+00	-1.8675e+00

	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.3793e+02	9.0952e+00	-4.7713e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.5291e+02	1.2701e+01	-4.6315e+00
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.5294e+02	1.0621e+01	3.2996e-01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.3834e+02	7.8183e+00	6.0513e-01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.3811e+02	7.8587e+00	-1.9453e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.5266e+02	1.0616e+01	-2.2204e+00
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.5398e+02	1.2684e+01	2.7452e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.3881e+02	9.0309e+00	3.4282e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.3853e+02	8.2019e+00	5.1942e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.5300e+02	1.0890e+01	-1.6359e-01
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.5434e+02	1.5091e+01	6.6770e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.3874e+02	1.0524e+01	6.8049e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.3899e+02	9.7510e+00	3.1379e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.5386e+02	1.3178e+01	3.0100e+00
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.5272e+02	1.4709e+01	1.1968e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.3647e+02	1.0171e+01	1.0246e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.3842e+02	1.0678e+01	6.1319e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.5393e+02	1.5107e+01	7.8545e+00
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	-1.6795e+02	2.2886e+01	-1.1174e+01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.5865e+02	1.6489e+01	-9.5965e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.5625e+02	1.6226e+01	-1.6059e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	-1.6746e+02	2.3916e+01	-1.7637e+01
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	-1.6681e+02	1.7426e+01	-3.9192e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.5875e+02	1.4099e+01	-4.8287e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.5857e+02	1.5653e+01	-9.3717e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-1.6866e+02	2.2230e+01	-8.4622e+00
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	-1.6553e+02	1.2356e+01	-1.1060e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.5789e+02	1.1051e+01	-2.1638e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.5811e+02	1.2575e+01	-4.4050e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-1.6725e+02	1.6157e+01	-3.3472e+00
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	-1.6610e+02	1.1758e+01	-7.9124e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.5795e+02	1.0347e+01	-4.4527e-01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.5765e+02	1.0394e+01	-1.7203e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-1.6576e+02	1.1764e+01	-2.0662e+00
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	-1.6856e+02	1.6138e+01	5.0766e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.5925e+02	1.2498e+01	2.2494e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.5846e+02	1.1102e+01	-7.7231e-03
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-1.6616e+02	1.2383e+01	-1.7495e+00
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.7091e+02	2.2048e+01	5.6509e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.6053e+02	1.5418e+01	7.2153e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.6016e+02	1.4090e+01	2.6515e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-1.6841e+02	1.7409e+01	1.0871e+00
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	-1.7058e+02	2.3302e+01	1.4821e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.5900e+02	1.5622e+01	1.3847e+01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.6087e+02	1.6261e+01	7.3963e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.7051e+02	2.2643e+01	8.3710e+00
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	-1.6578e+02	3.5019e+01	-1.0008e+01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-1.7222e+02	2.6370e+01	-1.0297e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	-1.7051e+02	2.6856e+01	-1.9922e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	-1.6802e+02	3.9190e+01	-1.9633e+01
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	-1.6120e+02	2.1630e+01	-2.6731e-02
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-1.6941e+02	1.9746e+01	-3.7170e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-1.7073e+02	2.3671e+01	-8.4904e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-1.6665e+02	3.2193e+01	-4.8002e+00
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	-1.5819e+02	1.1036e+01	6.2603e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-1.6629e+02	1.2963e+01	-2.0279e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-1.6752e+02	1.6358e+01	-1.9766e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-1.6183e+02	1.8173e+01	6.7732e-01
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	-1.5887e+02	9.5282e+00	-2.9231e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-1.6597e+02	1.1564e+01	-2.5318e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-1.6562e+02	1.1602e+01	-6.5870e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-1.5850e+02	9.5541e+00	-1.0499e+00
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	-1.6326e+02	1.8161e+01	-4.6305e+00



	1037	0.0000e+00	0.0000e+00	0.0000e+00	-1.6889e+02	1.6303e+01	-1.1941e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-1.6696e+02	1.3026e+01	-1.1625e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-1.5888e+02	1.1100e+01	-4.5989e+00
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.6914e+02	3.2051e+01	9.0873e-01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.7308e+02	2.3448e+01	5.3613e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-1.7110e+02	1.9766e+01	5.4077e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-1.6295e+02	2.1672e+01	-3.9119e+00
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	-1.7147e+02	3.8548e+01	1.5833e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-1.7379e+02	2.6183e+01	1.6804e+01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.7487e+02	2.6148e+01	7.1413e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.6861e+02	3.4847e+01	6.1707e+00
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	-1.2609e+02	5.3642e+01	-3.7644e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-1.6409e+02	4.2494e+01	-7.8008e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	-1.6429e+02	4.5767e+01	-2.2070e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	-1.3329e+02	6.5725e+01	-1.8033e+01
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	-1.1836e+02	2.2886e+01	7.4591e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-1.5557e+02	2.5479e+01	-1.6166e-01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-1.5963e+02	3.5521e+01	-3.0985e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-1.2828e+02	4.4516e+01	4.5223e+00
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	-1.1605e+02	4.7096e+00	2.5497e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-1.4940e+02	1.1707e+01	-1.0279e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-1.5234e+02	1.9239e+01	3.6442e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-1.1968e+02	1.6052e+01	7.2217e+00
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	-1.1693e+02	2.0764e+00	-5.9281e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-1.4888e+02	9.5089e+00	-5.5597e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-1.4852e+02	9.5199e+00	1.2323e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-1.1661e+02	2.1458e+00	8.6396e-01
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	-1.2093e+02	1.6005e+01	-1.2306e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-1.5376e+02	1.9243e+01	-7.9719e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-1.5009e+02	1.1766e+01	-3.2899e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-1.1665e+02	4.7975e+00	-7.6236e+00
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	-1.3057e+02	4.4462e+01	-9.5762e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.6212e+02	3.5397e+01	-1.1575e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-1.5734e+02	2.5552e+01	-4.1385e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-1.1991e+02	2.2986e+01	-1.2557e+01
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	-1.3651e+02	6.5214e+01	1.3219e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-1.6781e+02	4.5150e+01	1.7955e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.6695e+02	4.2379e+01	3.5606e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-1.2868e+02	5.3694e+01	-1.1752e+00
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	-1.3921e+01	8.6563e+01	8.9499e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-1.1383e+02	6.7310e+01	1.0155e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	-1.1590e+02	7.9984e+01	-2.0876e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-2.6404e+01	1.0845e+02	-1.2942e+01
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	-2.1500e+01	2.8721e+01	9.3597e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-9.8526e+01	2.5200e+01	5.7961e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-1.0076e+02	5.1417e+01	1.1600e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-2.5805e+01	3.5244e+01	1.5163e+01
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	-2.8523e+01	-1.0047e+00	9.6180e-03
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-9.3804e+01	4.6788e+00	5.4167e-01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-9.5336e+01	1.9070e+01	1.0925e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-2.6015e+01	2.1164e+00	1.0393e+01
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	-3.0333e+01	-9.1706e+00	-8.3677e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-9.3614e+01	2.7974e+00	-8.1341e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-9.3330e+01	2.7743e+00	2.7757e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-3.0189e+01	-9.0411e+00	2.5422e+00
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	-2.6616e+01	1.9141e+00	-1.6308e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-9.6452e+01	1.9119e+01	-1.6356e+01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-9.4320e+01	4.6755e+00	-5.8890e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-2.8835e+01	-9.3644e-01	-5.8414e+00
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	-2.7017e+01	3.5056e+01	-2.1210e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-1.0277e+02	5.1489e+01	-1.7069e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-9.9927e+01	2.5242e+01	-1.1177e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-2.2263e+01	2.8830e+01	-1.5318e+01

1584	460	0.0000e+00	0.0000e+00	0.0000e+00	-2.8170e+01	1.0863e+02	7.2875e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	-1.1901e+02	7.9690e+01	1.5836e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-1.1631e+02	6.7485e+01	-6.3710e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-1.5186e+01	8.6955e+01	-1.4919e+01
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	1.6732e+02	-9.1005e+01	-3.6763e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	6.6926e+01	9.0232e+01	-2.3887e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-5.7212e+01	1.3695e+02	-3.7732e+00
	9	0.0000e+00	0.0000e+00	0.0000e+00	3.1508e+02	2.7434e+02	-1.6649e+01
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	1.2417e+02	-6.8433e+01	-2.0838e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	3.9214e+01	1.9648e+01	-6.3624e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	2.9990e+01	5.8702e+01	-5.2140e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	1.5996e+02	1.4428e+02	-1.9689e+01
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	1.0408e+02	-4.5233e+01	-1.1224e+01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.9722e+01	-1.7831e+00	-4.4388e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	1.5319e+01	1.3963e+01	-4.8515e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	1.2094e+02	5.8313e+01	-1.1637e+01
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	1.0311e+02	-3.7979e+00	-2.7797e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.2017e+01	-4.0562e+00	-2.7955e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.2080e+01	-4.1026e+00	-3.1547e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	1.0302e+02	-3.5780e+00	-3.1388e+00
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	1.2134e+02	5.8110e+01	5.6955e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	1.5063e+01	1.3977e+01	-1.1479e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.9597e+01	-1.9056e+00	-1.5189e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	1.0425e+02	-4.5229e+01	5.3245e+00
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	1.6088e+02	1.4441e+02	1.3716e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	2.9627e+01	5.8888e+01	-9.1537e-01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	3.8979e+01	1.9463e+01	3.3578e-01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	1.2468e+02	-6.8785e+01	1.4968e+01
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	3.1896e+02	2.7514e+02	1.0591e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	-5.9693e+01	1.3756e+02	-2.5722e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	6.6630e+01	9.0612e+01	1.8014e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	1.6849e+02	-9.1845e+01	3.1178e+01
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	-8.5791e+01	1.0649e+01	-1.1661e+00
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-8.8218e+01	3.6377e+00	4.1891e+00
	15	0.0000e+00	0.0000e+00	0.0000e+00	-7.0549e+01	2.6137e+01	5.0754e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	-9.3634e+01	1.7194e+01	-2.7981e-01
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	-9.0823e+01	1.8982e+00	-1.9020e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-9.5978e+01	2.7199e+00	1.9836e+00
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-9.2171e+01	7.4264e+00	2.2578e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-8.7501e+01	7.6503e+00	-1.6278e+00
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	-9.3641e+01	1.1939e-01	-9.9200e-01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-9.9273e+01	6.7312e-01	7.2884e-01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-9.7505e+01	2.5690e+00	1.1552e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-9.2252e+01	2.1932e+00	-5.6559e-01
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	-9.4010e+01	1.7872e-01	-2.7902e-01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-9.9691e+01	6.6376e-01	-3.2057e-01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-9.9730e+01	6.2851e-01	1.2278e-01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	-9.4048e+01	1.4705e-01	1.6433e-01
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	-9.2099e+01	2.3311e+00	4.3775e-01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-9.7339e+01	2.7234e+00	-1.3703e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-9.9188e+01	7.4858e-01	-9.3166e-01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-9.3568e+01	1.8476e-01	8.7635e-01
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	-8.7247e+01	7.9230e+00	1.4672e+00
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-9.1842e+01	7.7413e+00	-2.5134e+00
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-9.5761e+01	2.9192e+00	-2.2143e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-9.0632e+01	2.0853e+00	1.7663e+00
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	-9.3153e+01	1.7451e+01	-1.4402e-01
	14	0.0000e+00	0.0000e+00	0.0000e+00	-7.0289e+01	2.6929e+01	-5.5421e+00
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-8.7802e+01	4.0078e+00	-4.4136e+00
	1000	0.0000e+00	0.0000e+00	0.0000e+00	-8.5545e+01	1.1026e+01	9.8446e-01
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	-9.7439e+01	9.4204e+00	-3.9607e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-8.9693e+01	1.0897e+01	-3.0637e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	-8.9498e+01	1.3973e+01	-9.1001e-01

	410	0.0000e+00	0.0000e+00	0.0000e+00	-9.5988e+01	1.0755e+01	-1.8069e+00
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	-9.7140e+01	4.7241e+00	-3.1617e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-9.2233e+01	3.7279e+00	-2.5409e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-9.1627e+01	6.2023e+00	-3.7025e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	-9.6606e+01	7.7385e+00	-4.3233e+00
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	-9.7418e+01	2.3864e+00	-1.3332e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	-9.3984e+01	9.1825e-01	-7.2226e-01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-9.3004e+01	2.0551e+00	-2.3254e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	-9.7277e+01	4.0818e+00	-2.9363e+00
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	-9.7476e+01	2.2421e+00	7.9991e-01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-9.4194e+01	5.3899e-01	7.4907e-01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	-9.4233e+01	5.0171e-01	-8.2031e-01
	997	0.0000e+00	0.0000e+00	0.0000e+00	-9.7531e+01	2.2199e+00	-7.6948e-01
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	-9.7053e+01	4.1987e+00	2.9648e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-9.2841e+01	2.1964e+00	2.2463e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-9.3902e+01	9.7518e-01	6.4938e-01
	996	0.0000e+00	0.0000e+00	0.0000e+00	-9.7311e+01	2.4543e+00	1.3678e+00
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	-9.6165e+01	7.9584e+00	4.3428e+00
	1000	0.0000e+00	0.0000e+00	0.0000e+00	-9.1331e+01	6.4791e+00	3.5905e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-9.2018e+01	3.8946e+00	2.4542e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	-9.6858e+01	4.8925e+00	3.2065e+00
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	-9.5245e+01	1.1098e+01	1.8929e+00
	314	0.0000e+00	0.0000e+00	0.0000e+00	-8.8900e+01	1.4245e+01	7.5479e-01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	-8.9336e+01	1.1181e+01	2.8902e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	-9.6897e+01	9.6727e+00	4.0283e+00
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	-1.1124e+02	8.8982e+00	-4.9338e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	-9.9797e+01	8.1781e+00	-3.5506e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	-9.8886e+01	9.3767e+00	-3.6412e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	-1.0961e+02	8.8543e+00	-5.0245e+00
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	-1.1169e+02	7.0388e+00	-3.4607e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	-1.0054e+02	4.8641e+00	-3.2822e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	-1.0067e+02	7.2508e+00	-4.7751e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	-1.1123e+02	8.3305e+00	-4.9535e+00
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.1157e+02	5.3335e+00	-1.1732e+00
	997	0.0000e+00	0.0000e+00	0.0000e+00	-1.0102e+02	2.7833e+00	-1.1762e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	-1.0099e+02	3.9988e+00	-3.4553e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	-1.1161e+02	6.4170e+00	-3.4523e+00
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	-1.1143e+02	5.1473e+00	1.3594e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	-1.0108e+02	2.4799e+00	1.2753e+00
	997	0.0000e+00	0.0000e+00	0.0000e+00	-1.0115e+02	2.4321e+00	-1.1811e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.1152e+02	5.1197e+00	-1.0970e+00
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	-1.1124e+02	6.5610e+00	3.7370e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	-1.0073e+02	4.1503e+00	3.5613e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	-1.0090e+02	2.8309e+00	1.2711e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	-1.1138e+02	5.4129e+00	1.4468e+00
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	-1.1053e+02	8.6247e+00	5.3087e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	-1.0016e+02	7.5180e+00	4.9144e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	-1.0021e+02	5.0152e+00	3.3878e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	-1.1121e+02	7.2364e+00	3.7821e+00
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	-1.0853e+02	9.3660e+00	5.5287e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	-9.8044e+01	9.7884e+00	3.8746e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	-9.9205e+01	8.4454e+00	3.6988e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	-1.1040e+02	9.2509e+00	5.3529e+00
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.3152e+02	1.0645e+01	-6.5137e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	-1.1640e+02	8.0798e+00	-4.7246e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	-1.1479e+02	8.1339e+00	-6.8099e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.2985e+02	1.0114e+01	-8.5990e+00
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.3221e+02	9.6082e+00	-3.6262e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	-1.1725e+02	6.7415e+00	-3.2941e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	-1.1702e+02	7.9297e+00	-5.8235e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.3184e+02	1.0577e+01	-6.1556e+00
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.3203e+02	8.2429e+00	-8.4640e-01
	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.1734e+02	5.3094e+00	-1.0355e+00

	992	0.0000e+00	0.0000e+00	0.0000e+00	-1.1747e+02	6.2105e+00	-3.7646e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.3226e+02	9.2265e+00	-3.5755e+00
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	-1.3185e+02	8.1205e+00	1.6980e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	-1.1725e+02	5.1142e+00	1.5661e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.1736e+02	5.0476e+00	-1.1999e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.3198e+02	8.0714e+00	-1.0680e+00
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.3170e+02	9.4502e+00	4.2545e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	-1.1704e+02	6.4126e+00	4.1704e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	-1.1715e+02	5.3687e+00	1.4079e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	-1.3175e+02	8.3534e+00	1.4920e+00
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.3082e+02	1.1028e+01	6.9592e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	-1.1624e+02	8.3037e+00	6.3266e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	-1.1673e+02	6.9440e+00	3.7209e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.3149e+02	9.9000e+00	4.3535e+00
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.2834e+02	1.0882e+01	9.6176e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	-1.1360e+02	8.7567e+00	7.4894e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	-1.1551e+02	8.4688e+00	5.2703e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.3033e+02	1.1181e+01	7.3986e+00
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.5396e+02	1.4880e+01	-8.1172e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.3844e+02	1.0503e+01	-6.3502e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.3646e+02	9.9842e+00	-1.0411e+01
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.5270e+02	1.4459e+01	-1.2178e+01
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.5397e+02	1.3026e+01	-3.3407e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.3908e+02	9.6281e+00	-3.4002e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.3878e+02	1.0369e+01	-7.0301e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.5438e+02	1.4884e+01	-6.9706e+00
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.5322e+02	1.0847e+01	-2.0287e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.3872e+02	8.1609e+00	-8.0144e-01
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.3894e+02	8.9406e+00	-3.6949e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.5411e+02	1.2563e+01	-3.0963e+00
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.5300e+02	1.0700e+01	1.8600e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	-1.3841e+02	7.9134e+00	1.6733e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.3857e+02	7.8171e+00	-8.8834e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.5319e+02	1.0615e+01	-7.0163e-01
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.5334e+02	1.2909e+01	4.3247e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.3832e+02	9.2408e+00	4.5429e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	-1.3843e+02	8.2539e+00	1.5981e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.5284e+02	1.1005e+01	1.3800e+00
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.5301e+02	1.5559e+01	8.3655e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.3768e+02	1.0928e+01	8.0247e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.3833e+02	9.9367e+00	4.2855e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.5299e+02	1.3457e+01	4.6263e+00
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.5069e+02	1.5570e+01	1.3848e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.3482e+02	1.0900e+01	1.1650e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.3719e+02	1.1090e+01	7.4100e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.5236e+02	1.5664e+01	9.6080e+00
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	-1.7053e+02	2.2306e+01	-8.7164e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.6087e+02	1.6006e+01	-7.6906e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.5897e+02	1.5342e+01	-1.4061e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.7055e+02	2.2930e+01	-1.5087e+01
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	-1.6853e+02	1.7185e+01	-1.5341e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.6025e+02	1.3916e+01	-3.0186e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.6056e+02	1.5190e+01	-7.5240e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	-1.7095e+02	2.1743e+01	-6.0395e+00
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	-1.6640e+02	1.2317e+01	1.2481e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.5867e+02	1.1048e+01	-3.9495e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.5939e+02	1.2368e+01	-2.6256e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	-1.6870e+02	1.5961e+01	-9.8260e-01
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	-1.6612e+02	1.1884e+01	1.5697e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.5800e+02	1.0481e+01	1.3289e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.5820e+02	1.0346e+01	4.1561e-02
	973	0.0000e+00	0.0000e+00	0.0000e+00	-1.6635e+02	1.1750e+01	2.8238e-01
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	-1.6774e+02	1.6467e+01	2.9230e+00

	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.5857e+02	1.2801e+01	4.0783e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.5828e+02	1.1194e+01	1.7808e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-1.6591e+02	1.2536e+01	6.2551e-01
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.6923e+02	2.2699e+01	8.1816e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.5912e+02	1.5991e+01	9.1629e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.5925e+02	1.4375e+01	4.5196e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-1.6730e+02	1.7789e+01	3.5383e+00
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	-1.6808e+02	2.4470e+01	1.7556e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.5683e+02	1.6626e+01	1.6006e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.5922e+02	1.6857e+01	9.4115e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.6853e+02	2.3391e+01	1.0962e+01
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	-1.6862e+02	3.4353e+01	-6.6022e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	-1.7486e+02	2.5772e+01	-7.5210e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.7374e+02	2.5763e+01	-1.7071e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	-1.7143e+02	3.8002e+01	-1.6152e+01
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	-1.6306e+02	2.1345e+01	3.3413e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	-1.7119e+02	1.9513e+01	-1.0260e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	-1.7310e+02	2.3109e+01	-5.7650e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	-1.6917e+02	3.1607e+01	-1.3978e+00
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.5910e+02	1.0997e+01	3.9563e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-1.6718e+02	1.2949e+01	6.2298e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	-1.6901e+02	1.6108e+01	6.9329e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-1.6338e+02	1.7907e+01	4.0266e+00
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	-1.5884e+02	9.7117e+00	4.0817e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	-1.6597e+02	1.1732e+01	1.2738e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	-1.6623e+02	1.1556e+01	1.9911e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.5910e+02	9.5139e+00	2.2719e+00
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	-1.6229e+02	1.8610e+01	-1.2363e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-1.6802e+02	1.6699e+01	1.5269e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-1.6669e+02	1.3168e+01	1.5124e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-1.5854e+02	1.1289e+01	-1.2508e+00
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.6722e+02	3.2888e+01	4.4233e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.7133e+02	2.4193e+01	8.2035e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-1.6995e+02	2.0160e+01	3.2997e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-1.6166e+02	2.2155e+01	-4.8051e-01
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	-1.6864e+02	4.0030e+01	1.9535e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-1.7116e+02	2.7482e+01	1.9861e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.7285e+02	2.6941e+01	1.0052e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.6635e+02	3.5777e+01	9.7264e+00
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.2872e+02	5.2994e+01	6.6714e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-1.6692e+02	4.1833e+01	-4.0244e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	-1.6775e+02	4.4535e+01	-1.8269e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-1.3650e+02	6.4426e+01	-1.3577e+01
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.2001e+02	2.2544e+01	1.1880e+01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-1.5741e+02	2.5194e+01	3.5390e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	-1.6213e+02	3.4902e+01	6.5621e-01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.3061e+02	4.3836e+01	8.9973e+00
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.1682e+02	4.6570e+00	6.8729e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.5028e+02	1.1662e+01	2.6202e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	-1.5387e+02	1.8957e+01	7.3473e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.2103e+02	1.5656e+01	1.1600e+01
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	-1.1684e+02	2.3430e+00	-1.6173e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-1.4883e+02	9.7025e+00	-1.9020e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.4911e+02	9.4842e+00	4.8874e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.1709e+02	2.0429e+00	5.1721e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	-1.1997e+02	1.6627e+01	-7.9001e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-1.5278e+02	1.9728e+01	-4.2308e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-1.4975e+02	1.1980e+01	3.8217e-01
	960	0.0000e+00	0.0000e+00	0.0000e+00	-1.1626e+02	5.0244e+00	-3.2871e+00
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.2866e+02	4.5499e+01	-5.0115e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.6019e+02	3.6296e+01	2.7103e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-1.5605e+02	2.6068e+01	-3.7136e-01
	959	0.0000e+00	0.0000e+00	0.0000e+00	-1.1863e+02	2.3582e+01	-8.0932e+00

1647	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.3373e+02	6.6979e+01	1.7914e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-1.6491e+02	4.6720e+01	2.1999e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.6469e+02	4.3352e+01	7.4825e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.2645e+02	5.4739e+01	3.3976e+00
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.5380e+01	8.5931e+01	1.4359e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.1630e+02	6.6712e+01	5.8289e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	-1.1900e+02	7.8799e+01	-1.6177e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-2.8333e+01	1.0755e+02	-7.6467e+00
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.2414e+01	2.8179e+01	1.4608e+01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-9.9994e+01	2.4778e+01	1.0488e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.0282e+02	5.0794e+01	1.6468e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-2.7145e+01	3.4358e+01	2.0588e+01
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	-2.8914e+01	-1.2114e+00	5.0825e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-9.4437e+01	4.5484e+00	5.1294e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-9.6554e+01	1.8725e+01	1.5633e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.6710e+01	1.5867e+00	1.5586e+01
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	-3.0179e+01	-8.9227e+00	-3.2998e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	-9.3480e+01	3.0147e+00	-3.5422e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-9.3755e+01	2.7410e+00	7.3710e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-3.0349e+01	-9.1124e+00	7.6135e+00
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	-2.5911e+01	2.6705e+00	-1.1095e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	-9.5529e+01	1.9719e+01	-1.1632e+01
	960	0.0000e+00	0.0000e+00	0.0000e+00	-9.3979e+01	4.9982e+00	-1.2801e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	-2.8445e+01	-5.1992e-01	-7.4345e-01
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	-2.5664e+01	3.6315e+01	-1.5731e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.0101e+02	5.2513e+01	-1.2137e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	-9.8764e+01	2.5946e+01	-6.4332e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	-2.1319e+01	2.9710e+01	-1.0027e+01
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	-2.6230e+01	1.1025e+02	1.2814e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.1627e+02	8.1417e+01	2.0795e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.1419e+02	6.8558e+01	-1.4335e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.3658e+01	8.8187e+01	-9.4151e+00
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	1.6804e+02	-9.1901e+01	-3.1545e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	6.6284e+01	8.9564e+01	-1.8378e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-5.9554e+01	1.3632e+02	2.2677e+00
	4	0.0000e+00	0.0000e+00	0.0000e+00	3.1804e+02	2.7278e+02	-1.0899e+01
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	1.2452e+02	-6.8453e+01	-1.5434e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	3.8714e+01	1.8888e+01	-8.5348e-01
	956	0.0000e+00	0.0000e+00	0.0000e+00	2.9536e+01	5.8036e+01	4.4721e-01
	957	0.0000e+00	0.0000e+00	0.0000e+00	1.6045e+02	1.4254e+02	-1.4133e+01
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	1.0437e+02	-4.4446e+01	-5.8190e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	1.9460e+01	-2.0793e+00	9.5877e-01
	954	0.0000e+00	0.0000e+00	0.0000e+00	1.5080e+01	1.3532e+01	6.0424e-01
	955	0.0000e+00	0.0000e+00	0.0000e+00	1.2119e+02	5.6672e+01	-6.1735e+00
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	1.0345e+02	-2.2582e+00	2.6731e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	1.2083e+01	-3.8489e+00	2.6145e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	1.2178e+01	-4.0936e+00	2.2360e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	1.0325e+02	-4.8591e+00	2.2946e+00
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	1.2172e+02	6.0295e+01	1.1262e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	1.5475e+01	1.4700e+01	4.3948e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	2.0056e+01	-1.3805e+00	3.9235e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	1.0454e+02	-4.5948e+01	1.0790e+01
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	1.6115e+02	1.4709e+02	1.9471e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	3.0322e+01	6.0041e+01	4.8983e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	3.9756e+01	2.0544e+01	5.9537e+00
	949	0.0000e+00	0.0000e+00	0.0000e+00	1.2497e+02	-6.8802e+01	2.0526e+01
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	3.1746e+02	2.7822e+02	1.6599e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-5.7501e+01	1.3904e+02	3.6631e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	6.7683e+01	9.1911e+01	2.3766e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	1.6854e+02	-9.1090e+01	3.6702e+01
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	-7.9431e+01	1.0585e+01	-1.9629e+00
	945	0.0000e+00	0.0000e+00	0.0000e+00	-8.1903e+01	3.7011e+00	2.0449e+00
	18	0.0000e+00	0.0000e+00	0.0000e+00	-6.5508e+01	2.7937e+01	3.1448e+00

	538	0.0000e+00	0.0000e+00	0.0000e+00	-8.7783e+01	1.8861e+01	-8.6305e-01
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	-8.3668e+01	9.3562e-02	-2.6189e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	-8.7976e+01	5.0994e-01	-1.5451e-03
	945	0.0000e+00	0.0000e+00	0.0000e+00	-8.5407e+01	7.0340e+00	2.5898e-01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-8.0983e+01	6.9311e+00	-2.3584e+00
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	-8.5753e+01	-4.0277e+00	-1.3701e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	-9.0359e+01	-4.1884e+00	-4.0132e-01
	944	0.0000e+00	0.0000e+00	0.0000e+00	-8.9386e+01	-4.3443e-01	-4.4202e-01
	937	0.0000e+00	0.0000e+00	0.0000e+00	-8.4782e+01	-5.1395e-01	-1.4108e+00
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	-8.6577e+01	-6.1706e+00	-1.9689e-01
	942	0.0000e+00	0.0000e+00	0.0000e+00	-9.1136e+01	-6.5782e+00	8.0346e-02
	943	0.0000e+00	0.0000e+00	0.0000e+00	-9.0968e+01	-4.8684e+00	-2.1766e-01
	936	0.0000e+00	0.0000e+00	0.0000e+00	-8.6189e+01	-4.6820e+00	-4.9489e-01
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	-8.6735e+01	-5.9855e+00	9.5213e-01
	941	0.0000e+00	0.0000e+00	0.0000e+00	-9.1181e+01	-6.3943e+00	9.3789e-01
	942	0.0000e+00	0.0000e+00	0.0000e+00	-9.1254e+01	-6.7511e+00	5.5786e-01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-8.6690e+01	-6.4024e+00	5.7210e-01
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	-8.6182e+01	-3.1699e+00	2.0416e+00
	940	0.0000e+00	0.0000e+00	0.0000e+00	-9.0167e+01	-3.4396e+00	1.5203e+00
	941	0.0000e+00	0.0000e+00	0.0000e+00	-9.0836e+01	-6.0062e+00	1.2509e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	-8.6560e+01	-5.7389e+00	1.7722e+00
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	-8.3696e+01	3.3077e+00	3.1981e+00
	939	0.0000e+00	0.0000e+00	0.0000e+00	-8.7191e+01	3.0089e+00	1.3823e+00
	940	0.0000e+00	0.0000e+00	0.0000e+00	-8.9099e+01	-2.6308e+00	1.3138e+00
	933	0.0000e+00	0.0000e+00	0.0000e+00	-8.5431e+01	-2.7932e+00	3.1296e+00
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	-9.1871e+01	1.4371e+01	1.5242e+00
	17	0.0000e+00	0.0000e+00	0.0000e+00	-6.9820e+01	2.3762e+01	-1.0665e+00
	939	0.0000e+00	0.0000e+00	0.0000e+00	-8.4134e+01	-1.4675e-01	5.2556e-02
	932	0.0000e+00	0.0000e+00	0.0000e+00	-8.2756e+01	7.0141e+00	2.6432e+00
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	-9.1035e+01	9.6856e+00	-3.3167e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	-8.3148e+01	1.0822e+01	-3.5568e+00
	538	0.0000e+00	0.0000e+00	0.0000e+00	-8.4041e+01	1.5502e+01	-1.2954e+00
	527	0.0000e+00	0.0000e+00	0.0000e+00	-9.0624e+01	1.2131e+01	-1.0554e+00
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	-8.9594e+01	2.4067e+00	-2.8119e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	-8.4797e+01	1.5983e+00	-3.0191e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	-8.4971e+01	5.7288e+00	-4.1292e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	-8.9836e+01	7.1330e+00	-3.9220e+00
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	-8.9390e+01	-2.2802e+00	-1.5136e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	-8.5991e+01	-3.3585e+00	-1.3841e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	-8.5415e+01	-5.3287e-01	-2.7362e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	-8.9706e+01	1.0839e+00	-2.8658e+00
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	-8.9733e+01	-4.6062e+00	-2.2649e-01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-8.6616e+01	-5.7358e+00	-3.9476e-02
	936	0.0000e+00	0.0000e+00	0.0000e+00	-8.6329e+01	-4.3477e+00	-1.2522e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	-8.9644e+01	-3.0602e+00	-1.4392e+00
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	-9.0428e+01	-4.3983e+00	1.0175e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	-8.6945e+01	-5.7277e+00	1.3592e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	-8.6771e+01	-5.8844e+00	1.4757e-01
	928	0.0000e+00	0.0000e+00	0.0000e+00	-8.9917e+01	-4.7987e+00	-1.9413e-01
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	-9.1603e+01	-1.6122e+00	2.3463e+00
	933	0.0000e+00	0.0000e+00	0.0000e+00	-8.6987e+01	-3.2501e+00	2.8880e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	-8.6940e+01	-4.9942e+00	1.5451e+00
	927	0.0000e+00	0.0000e+00	0.0000e+00	-9.0563e+01	-3.9557e+00	1.0035e+00
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	-9.3108e+01	3.4353e+00	3.2069e+00
	932	0.0000e+00	0.0000e+00	0.0000e+00	-8.7835e+01	2.0787e+00	4.3245e+00
	933	0.0000e+00	0.0000e+00	0.0000e+00	-8.6762e+01	-1.2627e+00	3.2552e+00
	926	0.0000e+00	0.0000e+00	0.0000e+00	-9.1938e+01	-4.8807e-01	2.1376e+00
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	-9.5503e+01	8.0346e+00	3.2194e-01
	861	0.0000e+00	0.0000e+00	0.0000e+00	-8.8361e+01	1.1088e+01	1.6178e+00
	932	0.0000e+00	0.0000e+00	0.0000e+00	-8.6524e+01	7.1275e+00	3.7600e+00
	925	0.0000e+00	0.0000e+00	0.0000e+00	-9.4739e+01	5.9109e+00	2.4642e+00
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.0482e+02	8.7609e+00	-2.8377e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	-9.3320e+01	8.3585e+00	-2.6047e+00

	527	0.0000e+00	0.0000e+00	0.0000e+00	-9.3413e+01	1.0641e+01	-2.5574e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	-1.0426e+02	1.0145e+01	-2.7905e+00
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	-1.0372e+02	3.9750e+00	-1.9143e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	-9.2817e+01	2.4687e+00	-2.8446e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	-9.3913e+01	6.4359e+00	-4.0306e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.0449e+02	7.2935e+00	-3.1002e+00
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.0265e+02	-7.6030e-01	-8.9677e-01
	929	0.0000e+00	0.0000e+00	0.0000e+00	-9.2545e+01	-2.1402e+00	-1.5723e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	-9.2990e+01	6.9719e-01	-3.1165e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	-1.0356e+02	2.3950e+00	-2.4409e+00
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.0254e+02	-3.4062e+00	-2.6461e-01
	928	0.0000e+00	0.0000e+00	0.0000e+00	-9.2686e+01	-4.6698e+00	-3.2418e-01
	929	0.0000e+00	0.0000e+00	0.0000e+00	-9.2623e+01	-3.2649e+00	-1.7118e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.0272e+02	-1.7629e+00	-1.6522e+00
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	-1.0362e+02	-3.2698e+00	1.5266e-01
	927	0.0000e+00	0.0000e+00	0.0000e+00	-9.3455e+01	-4.6792e+00	8.7195e-01
	928	0.0000e+00	0.0000e+00	0.0000e+00	-9.2858e+01	-4.8294e+00	-4.5114e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.0277e+02	-3.6017e+00	-1.1704e+00
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	-1.0571e+02	-6.0499e-01	6.3913e-01
	926	0.0000e+00	0.0000e+00	0.0000e+00	-9.4960e+01	-2.1050e+00	2.0924e+00
	927	0.0000e+00	0.0000e+00	0.0000e+00	-9.3743e+01	-3.8329e+00	7.2744e-01
	920	0.0000e+00	0.0000e+00	0.0000e+00	-1.0401e+02	-2.6123e+00	-7.2583e-01
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	-1.0817e+02	3.2836e+00	8.5354e-01
	925	0.0000e+00	0.0000e+00	0.0000e+00	-9.7247e+01	2.6253e+00	2.7607e+00
	926	0.0000e+00	0.0000e+00	0.0000e+00	-9.5217e+01	-4.9283e-01	1.8017e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	-1.0637e+02	7.6027e-01	-1.0545e-01
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	-1.0980e+02	5.9287e+00	1.4659e-01
	853	0.0000e+00	0.0000e+00	0.0000e+00	-9.8430e+01	6.4632e+00	1.1674e+00
	925	0.0000e+00	0.0000e+00	0.0000e+00	-9.7184e+01	4.5721e+00	1.3472e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	-1.0900e+02	4.7483e+00	3.2633e-01
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.2505e+02	9.9809e+00	-2.5742e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.0983e+02	7.8509e+00	-2.1463e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	-1.0940e+02	9.2292e+00	-4.2641e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	-1.2462e+02	1.1320e+01	-4.6920e+00
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.2375e+02	5.1979e+00	-4.0260e-01
	923	0.0000e+00	0.0000e+00	0.0000e+00	-1.0901e+02	3.4362e+00	-1.5493e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.0992e+02	6.5366e+00	-3.5564e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.2514e+02	8.7753e+00	-2.4097e+00
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.2208e+02	-2.3628e-01	3.3194e-01
	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.0785e+02	-1.2719e+00	-9.1789e-01
	923	0.0000e+00	0.0000e+00	0.0000e+00	-1.0872e+02	1.6034e+00	-2.3576e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.2372e+02	3.4374e+00	-1.1078e+00
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.2165e+02	-3.5013e+00	-3.3065e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.0752e+02	-4.1336e+00	-6.4342e-01
	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.0764e+02	-2.5795e+00	-1.4953e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.2216e+02	-1.5139e+00	-1.1825e+00
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	-1.2308e+02	-3.3139e+00	-1.4837e+00
	920	0.0000e+00	0.0000e+00	0.0000e+00	-1.0857e+02	-4.1721e+00	-4.6635e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.0770e+02	-4.3295e+00	-1.1978e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.2191e+02	-3.7298e+00	-2.2151e+00
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	-1.2597e+02	-1.2165e-01	-2.0619e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	-1.1090e+02	-1.5554e+00	1.4769e-02
	920	0.0000e+00	0.0000e+00	0.0000e+00	-1.0916e+02	-3.2063e+00	-1.0893e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	-1.2354e+02	-2.4395e+00	-3.1660e+00
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	-1.2903e+02	4.0850e+00	-1.5393e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	-1.1360e+02	2.3233e+00	6.7486e-01
	919	0.0000e+00	0.0000e+00	0.0000e+00	-1.1163e+02	9.0080e-02	-8.6677e-01
	912	0.0000e+00	0.0000e+00	0.0000e+00	-1.2656e+02	1.4010e+00	-3.0810e+00
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.3058e+02	6.5248e+00	-1.1234e-01
	845	0.0000e+00	0.0000e+00	0.0000e+00	-1.1500e+02	4.8170e+00	8.7774e-01
	918	0.0000e+00	0.0000e+00	0.0000e+00	-1.1407e+02	3.7226e+00	-7.9077e-01
	911	0.0000e+00	0.0000e+00	0.0000e+00	-1.2952e+02	5.3404e+00	-1.7808e+00
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.4788e+02	1.3781e+01	-1.9843e+00



	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.3194e+02	9.7575e+00	-1.7967e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	-1.3139e+02	1.1038e+01	-6.2216e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.4805e+02	1.5835e+01	-6.4092e+00
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.4538e+02	6.7520e+00	2.1021e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.3042e+02	4.7654e+00	1.5959e-01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.3149e+02	8.1358e+00	-2.8270e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.4821e+02	1.2102e+01	-8.8453e-01
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.4258e+02	-1.1403e+00	2.3715e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.2822e+02	-1.1511e+00	2.6858e-01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.2948e+02	2.3151e+00	-6.9529e-01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.4554e+02	4.2254e+00	1.4076e+00
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.4170e+02	-5.7639e+00	-3.6869e-01
	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.2728e+02	-4.8693e+00	-1.0451e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.2759e+02	-2.9448e+00	-5.7072e-01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.4275e+02	-2.9956e+00	1.0567e-01
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.4361e+02	-5.2185e+00	-3.9408e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	-1.2854e+02	-4.8432e+00	-2.5875e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.2745e+02	-5.1272e+00	-1.9355e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.4199e+02	-6.0514e+00	-3.2889e+00
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.4771e+02	-1.8382e-01	-5.9654e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	-1.3170e+02	-1.4550e+00	-3.0562e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	-1.2954e+02	-3.5061e+00	-3.5100e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.4403e+02	-3.8728e+00	-6.4193e+00
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.5201e+02	6.2848e+00	-4.8466e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	-1.3528e+02	3.1576e+00	-1.8234e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	-1.3308e+02	7.2720e-01	-4.0512e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.4814e+02	2.0403e+00	-7.0744e+00
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.5398e+02	9.9147e+00	-7.2277e-01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.3725e+02	5.9386e+00	5.8853e-01
	911	0.0000e+00	0.0000e+00	0.0000e+00	-1.3630e+02	4.8557e+00	-2.9989e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.5229e+02	8.0299e+00	-4.3102e+00
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	-1.6576e+02	2.1072e+01	-1.8682e-01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.5509e+02	1.4860e+01	-8.5264e-01
	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.5485e+02	1.6728e+01	-8.0942e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	-1.6734e+02	2.4949e+01	-7.4283e+00
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	-1.6088e+02	8.6438e+00	6.5090e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.5182e+02	6.9401e+00	2.8351e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.5371e+02	1.2000e+01	-9.7159e-01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-1.6637e+02	1.7884e+01	2.7023e+00
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	-1.5634e+02	-4.2332e+00	5.6536e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.4776e+02	-2.2027e+00	2.1395e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.4985e+02	2.9866e+00	2.4752e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	-1.6131e+02	4.3480e+00	5.9893e+00
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	-1.5487e+02	-1.1280e+01	-3.4372e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.4589e+02	-7.6837e+00	-1.5561e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.4655e+02	-4.9475e+00	1.3806e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	-1.5664e+02	-7.2041e+00	2.5930e+00
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	-1.5737e+02	-9.9695e+00	-7.5021e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.4744e+02	-7.2796e+00	-5.7136e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.4605e+02	-8.0297e+00	-2.5474e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	-1.5517e+02	-1.1650e+01	-4.3359e+00
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	-1.6316e+02	-1.2073e+00	-1.1817e+01
	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.5192e+02	-1.6800e+00	-7.6189e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.4899e+02	-5.1662e+00	-6.6012e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	-1.5767e+02	-7.6673e+00	-1.0799e+01
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	-1.6963e+02	1.0438e+01	-1.0104e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.5727e+02	5.8161e+00	-5.4797e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.5428e+02	1.8476e+00	-8.2046e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	-1.6335e+02	2.6568e+00	-1.2828e+01
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	-1.7253e+02	1.7261e+01	-1.9938e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.6045e+02	1.0403e+01	8.8765e-02
	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.5917e+02	8.6602e+00	-5.8539e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	-1.6964e+02	1.3647e+01	-7.9365e+00

1710	896	0.0000e+00	0.0000e+00	0.0000e+00	-1.6645e+02	3.3463e+01	4.1288e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	-1.7100e+02	2.4542e+01	1.6790e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	-1.7159e+02	2.8111e+01	-9.3907e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	-1.7078e+02	4.1253e+01	-6.9409e+00
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	-1.5836e+02	1.0241e+01	1.3743e+01
	902	0.0000e+00	0.0000e+00	0.0000e+00	-1.6437e+02	9.9074e+00	7.3076e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	-1.6783e+02	1.9001e+01	3.3935e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	-1.6781e+02	2.6469e+01	9.8286e+00
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	-1.5255e+02	-1.0637e+01	1.0111e+01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-1.5764e+02	-5.3810e+00	5.0386e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	-1.6098e+02	3.4021e+00	8.1462e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	-1.5938e+02	2.4638e+00	1.3219e+01
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	-1.5095e+02	-2.1164e+01	-4.3494e-01
	900	0.0000e+00	0.0000e+00	0.0000e+00	-1.5471e+02	-1.3684e+01	-2.1056e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	-1.5584e+02	-9.4488e+00	4.6950e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	-1.5317e+02	-1.5523e+01	6.3656e+00
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	-1.5371e+02	-1.8878e+01	-1.2162e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	-1.5659e+02	-1.2329e+01	-1.0071e+01
	900	0.0000e+00	0.0000e+00	0.0000e+00	-1.5485e+02	-1.4134e+01	-3.0167e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	-1.5125e+02	-2.1646e+01	-5.1079e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	-1.6074e+02	-4.4343e+00	-2.0019e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-1.6269e+02	-2.4401e+00	-1.4495e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	-1.5866e+02	-9.1163e+00	-1.0595e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-1.5368e+02	-1.4894e+01	-1.6120e+01
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	-1.7007e+02	1.6914e+01	-1.8488e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	-1.7071e+02	1.1128e+01	-1.1442e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-1.6635e+02	3.3883e+00	-1.3986e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-1.6029e+02	2.6730e+00	-2.1032e+01
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	-1.7437e+02	3.1055e+01	-4.3821e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-1.7617e+02	1.9927e+01	-8.6287e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	-1.7424e+02	1.6437e+01	-1.0118e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	-1.6924e+02	2.3754e+01	-1.3637e+01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.3041e+02	5.2022e+01	1.2531e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-1.6650e+02	4.0924e+01	6.8802e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	-1.6883e+02	4.8609e+01	-9.3225e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	-1.3943e+02	6.9805e+01	-3.6713e+00
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.2149e+02	7.3876e+00	2.2810e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-1.5426e+02	1.2371e+01	1.3495e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-1.6016e+02	2.9829e+01	1.2039e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.3428e+02	3.7714e+01	2.1354e+01
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	-1.1894e+02	-2.2310e+01	1.3280e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-1.4568e+02	-1.2311e+01	8.5487e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	-1.5031e+02	2.6806e+00	1.6373e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.2380e+02	-2.9165e+00	2.1105e+01
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	-1.1908e+02	-3.5680e+01	-1.2597e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	-1.4291e+02	-2.3901e+01	-2.5506e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	-1.4430e+02	-1.7451e+01	8.6795e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	-1.2028e+02	-2.8056e+01	9.9704e+00
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	-1.2067e+02	-3.2068e+01	-1.6446e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-1.4485e+02	-2.0924e+01	-1.4904e+01
	893	0.0000e+00	0.0000e+00	0.0000e+00	-1.4307e+02	-2.4458e+01	-3.4470e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	-1.1935e+02	-3.6149e+01	-4.9895e+00
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	-1.2467e+02	-1.1222e+01	-2.8448e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-1.5150e+02	-4.5105e+00	-2.3554e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-1.4650e+02	-1.6881e+01	-1.4993e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-1.1985e+02	-2.7233e+01	-1.9887e+01
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	-1.3522e+02	2.5695e+01	-3.0455e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	-1.6194e+02	1.9827e+01	-2.1121e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-1.5559e+02	4.1642e+00	-2.1122e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-1.2284e+02	-1.7020e+00	-3.0456e+01
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	-1.4062e+02	5.6317e+01	-8.6307e+00
	813	0.0000e+00	0.0000e+00	0.0000e+00	-1.7148e+02	3.7834e+01	-2.6379e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	-1.6830e+02	3.0260e+01	-1.6521e+01

	883	0.0000e+00	0.0000e+00	0.0000e+00	-1.3177e+02	3.9449e+01	-2.2514e+01
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	-2.1206e+01	8.4271e+01	2.6205e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.2068e+02	6.5849e+01	1.6982e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-1.2331e+02	8.5066e+01	-6.5429e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	-3.7083e+01	1.1353e+02	2.6801e+00
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	-3.3979e+01	1.3198e+01	2.2201e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.0477e+02	7.4390e+00	2.0502e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.0462e+02	4.4710e+01	2.9055e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-3.7542e+01	2.1904e+01	3.0754e+01
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	-4.5424e+01	-2.8892e+01	9.0935e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	-1.0140e+02	-2.4650e+01	1.1135e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.0139e+02	-7.0146e-01	2.4481e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-4.1334e+01	-2.3062e+01	2.2441e+01
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	-5.0921e+01	-4.8840e+01	-3.9099e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	-1.0140e+02	-3.7897e+01	-2.8560e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	-1.0077e+02	-2.8739e+01	1.1411e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	-4.9437e+01	-4.6232e+01	1.0357e+01
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	-4.9622e+01	-4.9602e+01	-1.7255e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-1.0131e+02	-3.2789e+01	-1.8118e+01
	886	0.0000e+00	0.0000e+00	0.0000e+00	-1.0143e+02	-3.8482e+01	-3.6921e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	-5.1238e+01	-5.0422e+01	-2.8288e+00
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	-4.1831e+01	-3.1287e+01	-2.9890e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-1.0231e+02	-9.2043e+00	-3.1897e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-1.0195e+02	-2.9867e+01	-1.8044e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-4.6212e+01	-3.5395e+01	-1.6038e+01
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	-3.7560e+01	9.0210e+00	-3.9303e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-1.0557e+02	3.2288e+01	-3.7990e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-1.0551e+02	-2.2094e+00	-2.8373e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	-3.4980e+01	1.8908e+00	-2.9687e+01
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	-3.5841e+01	9.5302e+01	-1.4462e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-1.2343e+02	7.0844e+01	-6.1881e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	-1.2083e+02	5.1976e+01	-2.6745e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	-2.1838e+01	6.8490e+01	-3.5019e+01
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	1.4518e+02	-1.2024e+02	-3.1626e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	6.2525e+01	8.2924e+01	-1.4713e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-7.3420e+01	1.4794e+02	9.4369e+00
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.1507e+02	3.0297e+02	-7.4758e+00
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	9.3462e+01	-1.1339e+02	-1.5999e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	2.4998e+01	1.4922e+00	1.2137e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	1.0707e+01	4.6186e+01	3.7524e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	1.4230e+02	1.5600e+02	-1.3461e+01
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	6.5328e+01	-1.0438e+02	-9.6521e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	-5.4918e-01	-3.3302e+01	-7.9389e-01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-9.6241e+00	-1.0737e+01	1.5953e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	9.2180e+01	5.5575e+01	-7.2629e+00
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	5.6339e+01	-7.7810e+01	-6.5966e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	-1.4016e+01	-4.8707e+01	-4.0678e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	-1.7709e+01	-4.0624e+01	-8.5543e-01
	878	0.0000e+00	0.0000e+00	0.0000e+00	6.5106e+01	-1.7924e+01	-3.3843e+00
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	6.4483e+01	-3.1669e+01	-4.4857e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	-1.6638e+01	-4.4519e+01	-7.7238e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	-1.5471e+01	-4.9846e+01	-4.4365e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	5.6817e+01	-6.9247e+01	-1.1985e+00
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	9.1557e+01	3.7004e+01	-8.4552e-01
	871	0.0000e+00	0.0000e+00	0.0000e+00	-8.8046e+00	-1.9579e+01	-1.0514e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-2.3221e+00	-3.9444e+01	-7.9033e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	6.5671e+01	-1.0123e+02	1.7653e+00
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	1.4197e+02	1.3314e+02	4.9893e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.1599e+01	3.2480e+01	-1.3232e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	2.3164e+01	-9.4767e+00	-1.0376e+01
	872	0.0000e+00	0.0000e+00	0.0000e+00	9.3834e+01	-1.1583e+02	7.8453e+00
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	3.1240e+02	2.7630e+02	-6.4230e-01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-6.7132e+01	1.2900e+02	-1.9582e+01

	869	0.0000e+00	0.0000e+00	0.0000e+00	6.1255e+01	6.6536e+01	4.0624e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	1.4601e+02	-1.2790e+02	2.3002e+01
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	-8.2764e+01	6.8266e+00	-2.6755e+00
	868	0.0000e+00	0.0000e+00	0.0000e+00	-8.4259e+01	-1.7269e-01	-2.2756e-02
	17	0.0000e+00	0.0000e+00	0.0000e+00	-6.9928e+01	2.3255e+01	9.5362e-01
	861	0.0000e+00	0.0000e+00	0.0000e+00	-9.1771e+01	1.4309e+01	-1.6991e+00
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	-8.5490e+01	-2.8391e+00	-3.1287e+00
	867	0.0000e+00	0.0000e+00	0.0000e+00	-8.9169e+01	-2.6774e+00	-1.3155e+00
	868	0.0000e+00	0.0000e+00	0.0000e+00	-8.7273e+01	2.9159e+00	-1.3807e+00
	860	0.0000e+00	0.0000e+00	0.0000e+00	-8.3747e+01	3.2077e+00	-3.1940e+00
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	-8.6621e+01	-5.7578e+00	-1.7727e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	-9.0892e+01	-6.0276e+00	-1.2526e+00
	867	0.0000e+00	0.0000e+00	0.0000e+00	-9.0231e+01	-3.4788e+00	-1.5206e+00
	859	0.0000e+00	0.0000e+00	0.0000e+00	-8.6238e+01	-3.2146e+00	-2.0407e+00
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	-8.6754e+01	-6.4011e+00	-5.7105e-01
	865	0.0000e+00	0.0000e+00	0.0000e+00	-9.1304e+01	-6.7550e+00	-5.5679e-01
	866	0.0000e+00	0.0000e+00	0.0000e+00	-9.1234e+01	-6.4103e+00	-9.3895e-01
	858	0.0000e+00	0.0000e+00	0.0000e+00	-8.6795e+01	-6.0025e+00	-9.5320e-01
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	-8.6255e+01	-4.6582e+00	5.0218e-01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-9.1010e+01	-4.8538e+00	2.2418e-01
	865	0.0000e+00	0.0000e+00	0.0000e+00	-9.1184e+01	-6.5767e+00	-7.9601e-02
	857	0.0000e+00	0.0000e+00	0.0000e+00	-8.6639e+01	-6.1668e+00	1.9840e-01
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	-8.4849e+01	-4.5735e-01	1.4298e+00
	863	0.0000e+00	0.0000e+00	0.0000e+00	-8.9416e+01	-3.9325e-01	4.5811e-01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-9.0398e+01	-4.1669e+00	4.0702e-01
	856	0.0000e+00	0.0000e+00	0.0000e+00	-8.5817e+01	-4.0010e+00	1.3788e+00
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	-8.1064e+01	7.0481e+00	2.3905e+00
	862	0.0000e+00	0.0000e+00	0.0000e+00	-8.5410e+01	7.1322e+00	-2.2871e-01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-8.7998e+01	5.6251e-01	1.7376e-02
	855	0.0000e+00	0.0000e+00	0.0000e+00	-8.3733e+01	1.5609e-01	2.6366e+00
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	-8.7970e+01	1.8919e+01	7.1433e-01
	16	0.0000e+00	0.0000e+00	0.0000e+00	-6.5582e+01	2.8425e+01	-3.2111e+00
	862	0.0000e+00	0.0000e+00	0.0000e+00	-8.1869e+01	3.7604e+00	-1.9674e+00
	854	0.0000e+00	0.0000e+00	0.0000e+00	-7.9561e+01	1.0787e+01	1.9580e+00
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	-9.4728e+01	5.8530e+00	-2.5109e+00
	860	0.0000e+00	0.0000e+00	0.0000e+00	-8.6527e+01	6.9938e+00	-3.8131e+00
	861	0.0000e+00	0.0000e+00	0.0000e+00	-8.8377e+01	1.1065e+01	-1.7083e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	-9.5492e+01	8.0108e+00	-4.0605e-01
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	-9.1963e+01	-5.3806e-01	-2.1644e+00
	859	0.0000e+00	0.0000e+00	0.0000e+00	-8.6807e+01	-1.3221e+00	-3.2512e+00
	860	0.0000e+00	0.0000e+00	0.0000e+00	-8.7834e+01	2.0007e+00	-4.3380e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	-9.3117e+01	3.3828e+00	-3.2512e+00
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	-9.0625e+01	-3.9766e+00	-1.0206e+00
	858	0.0000e+00	0.0000e+00	0.0000e+00	-8.6998e+01	-5.0196e+00	-1.5456e+00
	859	0.0000e+00	0.0000e+00	0.0000e+00	-8.7034e+01	-3.2877e+00	-2.8904e+00
	851	0.0000e+00	0.0000e+00	0.0000e+00	-9.1643e+01	-1.6503e+00	-2.3655e+00
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	-9.0002e+01	-4.7943e+00	1.8302e-01
	857	0.0000e+00	0.0000e+00	0.0000e+00	-8.6839e+01	-5.8871e+00	-1.4672e-01
	858	0.0000e+00	0.0000e+00	0.0000e+00	-8.7007e+01	-5.7408e+00	-1.3617e+00
	850	0.0000e+00	0.0000e+00	0.0000e+00	-9.0496e+01	-4.4119e+00	-1.0320e+00
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	-8.9749e+01	-3.0295e+00	1.4354e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	-8.6407e+01	-4.3273e+00	1.2595e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	-8.6687e+01	-5.7277e+00	4.0189e-02
	849	0.0000e+00	0.0000e+00	0.0000e+00	-8.9821e+01	-4.5953e+00	2.1615e-01
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	-8.9832e+01	1.1439e+00	2.8687e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	-8.5505e+01	-4.8207e-01	2.7530e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	-8.6071e+01	-3.3251e+00	1.3932e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	-8.9499e+01	-2.2409e+00	1.5090e+00
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	-8.9981e+01	7.2105e+00	3.9103e+00
	854	0.0000e+00	0.0000e+00	0.0000e+00	-8.5102e+01	5.8282e+00	4.1414e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	-8.4888e+01	1.6709e+00	3.0414e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	-8.9732e+01	2.4811e+00	2.8102e+00
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	-9.0764e+01	1.2180e+01	1.0242e+00

	431	0.0000e+00	0.0000e+00	0.0000e+00	-8.4140e+01	1.5535e+01	1.2427e+00
	854	0.0000e+00	0.0000e+00	0.0000e+00	-8.3274e+01	1.0963e+01	3.5270e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	-9.1192e+01	9.7657e+00	3.3086e+00
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	-1.0901e+02	4.7229e+00	-4.0024e-01
	852	0.0000e+00	0.0000e+00	0.0000e+00	-9.7189e+01	4.5266e+00	-1.4147e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	-9.8437e+01	6.4497e+00	-1.2479e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	-1.0980e+02	5.9210e+00	-2.3348e-01
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	-1.0641e+02	7.2970e-01	4.7951e-02
	851	0.0000e+00	0.0000e+00	0.0000e+00	-9.5253e+01	-5.3508e-01	-1.8375e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	-9.7260e+01	2.5785e+00	-2.8123e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	-1.0819e+02	3.2566e+00	-9.2680e-01
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	-1.0409e+02	-2.6268e+00	6.7984e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	-9.3809e+01	-3.8548e+00	-7.4941e-01
	851	0.0000e+00	0.0000e+00	0.0000e+00	-9.5003e+01	-2.1384e+00	-2.1233e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	-1.0576e+02	-6.2814e-01	-6.9401e-01
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.0288e+02	-3.5919e+00	1.1329e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	-9.2950e+01	-4.8276e+00	4.3540e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	-9.3527e+01	-4.6890e+00	-8.9394e-01
	842	0.0000e+00	0.0000e+00	0.0000e+00	-1.0370e+02	-3.2751e+00	-1.9642e-01
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	-1.0287e+02	-1.7262e+00	1.6230e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	-9.2739e+01	-3.2368e+00	1.7028e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	-9.2784e+01	-4.6555e+00	3.0837e-01
	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.0266e+02	-3.3869e+00	2.2862e-01
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	-1.0373e+02	2.4566e+00	2.4185e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	-9.3130e+01	7.5496e-01	3.1125e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	-9.2666e+01	-2.0995e+00	1.5631e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	-1.0280e+02	-7.1313e-01	8.6920e-01
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	-1.0467e+02	7.3667e+00	3.0819e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	-9.4067e+01	6.5117e+00	4.0214e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	-9.2960e+01	2.5351e+00	2.8348e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	-1.0390e+02	4.0452e+00	1.8953e+00
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	-1.0443e+02	1.0203e+01	2.7868e+00
	420	0.0000e+00	0.0000e+00	0.0000e+00	-9.3548e+01	1.0686e+01	2.5404e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	-9.3476e+01	8.4290e+00	2.5806e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	-1.0500e+02	8.8316e+00	2.8271e+00
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.2955e+02	5.3273e+00	1.6796e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	-1.1409e+02	3.6993e+00	7.0559e-01
	845	0.0000e+00	0.0000e+00	0.0000e+00	-1.1500e+02	4.8145e+00	-9.6806e-01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.3058e+02	6.5224e+00	5.9731e-03
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.2662e+02	1.3843e+00	2.9890e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	-1.1168e+02	6.3029e-02	7.9772e-01
	844	0.0000e+00	0.0000e+00	0.0000e+00	-1.1363e+02	2.3016e+00	-7.5324e-01
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.2907e+02	4.0716e+00	1.4381e+00
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.2364e+02	-2.4444e+00	3.0831e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	-1.0924e+02	-3.2200e+00	1.0337e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	-1.1095e+02	-1.5745e+00	-7.8859e-02
	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.2604e+02	-1.3256e-01	1.9706e+00
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.2205e+02	-3.7117e+00	2.1415e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.0782e+02	-4.3206e+00	1.1521e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	-1.0866e+02	-4.1741e+00	4.1265e-01
	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.2319e+02	-3.3092e+00	1.4021e+00
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.2234e+02	-1.4667e+00	1.1207e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	-1.0779e+02	-2.5436e+00	1.4595e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.0765e+02	-4.1114e+00	5.9820e-01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.2180e+02	-3.4717e+00	2.5945e-01
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.2392e+02	3.5125e+00	1.0625e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	-1.0890e+02	1.6650e+00	2.3328e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	-1.0801e+02	-1.2232e+00	8.8126e-01
	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.2227e+02	-1.7756e-01	-3.8900e-01
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.2536e+02	8.8675e+00	2.3885e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	-1.1011e+02	6.6106e+00	3.5438e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	-1.0919e+02	3.5065e+00	1.5212e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.2396e+02	5.2810e+00	3.6590e-01

1773	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.2483e+02	1.1411e+01	4.7069e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	-1.0959e+02	9.2912e+00	4.2711e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	-1.1002e+02	7.9247e+00	2.1299e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.2527e+02	1.0073e+01	2.5657e+00
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.5233e+02	8.0211e+00	4.1743e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.3633e+02	4.8423e+00	2.8862e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.3726e+02	5.9390e+00	-7.0340e-01
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.5398e+02	9.9147e+00	5.8474e-01
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.4822e+02	2.0308e+00	6.9428e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.3315e+02	7.1143e-01	3.9465e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.3532e+02	3.1476e+00	1.7138e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.5205e+02	6.2783e+00	4.7102e+00
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.4415e+02	-3.8698e+00	6.2934e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.2964e+02	-3.5105e+00	3.4149e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.3177e+02	-1.4629e+00	2.9548e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.4779e+02	-1.8660e-01	5.8334e+00
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.4215e+02	-6.0226e+00	3.1721e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.2759e+02	-5.1086e+00	1.8511e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.2866e+02	-4.8355e+00	2.4947e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.4374e+02	-5.2044e+00	3.8157e+00
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.4296e+02	-2.9311e+00	-2.0650e-01
	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.2777e+02	-2.8963e+00	5.0091e-01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.2743e+02	-4.8359e+00	9.6241e-01
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.4188e+02	-5.7210e+00	2.5500e-01
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.4579e+02	4.3282e+00	-1.4810e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.2970e+02	2.3935e+00	6.4709e-01
	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.2841e+02	-1.0874e+00	-3.3687e-01
	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.4280e+02	-1.0610e+00	-2.4649e+00
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.4848e+02	1.2234e+01	8.5410e-01
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.3172e+02	8.2339e+00	2.8098e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.3065e+02	4.8554e+00	-2.0615e-01
	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.4563e+02	6.8664e+00	-2.1618e+00
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.4832e+02	1.5976e+01	6.4366e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.3162e+02	1.1138e+01	6.2456e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.3218e+02	9.8595e+00	1.7826e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.4814e+02	1.3917e+01	1.9736e+00
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.6967e+02	1.3638e+01	7.7609e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.5920e+02	8.6508e+00	5.7053e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.6046e+02	1.0404e+01	-2.3782e-01
	821	0.0000e+00	0.0000e+00	0.0000e+00	-1.7254e+02	1.7262e+01	1.8178e+00
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.6342e+02	2.6494e+00	1.2653e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.5435e+02	1.8381e+00	8.0590e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.5732e+02	5.8112e+00	5.3327e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.6968e+02	1.0434e+01	9.9268e+00
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.5779e+02	-7.6591e+00	1.0626e+01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.4911e+02	-5.1625e+00	6.4613e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.5201e+02	-1.6809e+00	7.4756e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.6325e+02	-1.2060e+00	1.1641e+01
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	-1.5534e+02	-1.1610e+01	4.1707e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.4622e+02	-7.9991e+00	2.4177e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.4758e+02	-7.2628e+00	5.5764e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.5750e+02	-9.9476e+00	7.3294e+00
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	-1.5687e+02	-7.1163e+00	-2.7397e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.4677e+02	-4.8790e+00	-1.4917e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.4607e+02	-7.6358e+00	1.4300e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-1.5505e+02	-1.1222e+01	1.8204e-01
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	-1.6158e+02	4.4921e+00	-6.0993e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.5010e+02	3.0970e+00	-2.5537e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.4799e+02	-2.1147e+00	-2.2453e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	-1.5657e+02	-4.1247e+00	-5.7908e+00
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	-1.6667e+02	1.8078e+01	-2.7510e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.5399e+02	1.2145e+01	9.4335e-01
	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.5209e+02	7.0681e+00	-2.9060e+00

	815	0.0000e+00	0.0000e+00	0.0000e+00	-1.6116e+02	8.8067e+00	-6.6003e+00
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.6765e+02	2.5165e+01	7.4638e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.5513e+02	1.6885e+01	8.1309e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.5538e+02	1.5013e+01	8.3434e-01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-1.6606e+02	2.1277e+01	1.6723e-01
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.6927e+02	2.3743e+01	1.3422e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.7427e+02	1.6428e+01	9.9288e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-1.7618e+02	1.9927e+01	6.7513e-01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-1.7437e+02	3.1057e+01	4.1685e+00
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	-1.6036e+02	2.6634e+00	2.0813e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.6643e+02	3.3813e+00	1.3797e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.7076e+02	1.1123e+01	1.1254e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.7011e+02	1.6909e+01	1.8271e+01
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.5379e+02	-1.4884e+01	1.5900e+01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.5879e+02	-9.1065e+00	1.0408e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-1.6278e+02	-2.4385e+00	1.4307e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-1.6082e+02	-4.4326e+00	1.9799e+01
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.5141e+02	-2.1595e+01	4.8936e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-1.5502e+02	-1.4090e+01	2.8374e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.5673e+02	-1.2305e+01	9.8867e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.5383e+02	-1.8850e+01	1.1943e+01
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	-1.5337e+02	-1.5410e+01	-6.5614e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	-1.5607e+02	-9.3533e+00	-4.8541e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-1.5489e+02	-1.3619e+01	1.9321e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.5112e+02	-2.1089e+01	2.2471e-01
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	-1.5964e+02	2.6589e+00	-1.3374e+01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-1.6125e+02	3.5594e+00	-8.2647e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	-1.5788e+02	-5.2608e+00	-5.1877e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	-1.5276e+02	-1.0493e+01	-1.0297e+01
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	-1.6811e+02	2.6749e+01	-9.9072e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-1.6814e+02	1.9216e+01	-3.4426e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	-1.6466e+02	1.0091e+01	-7.4110e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	-1.5861e+02	1.0467e+01	-1.3876e+01
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.7109e+02	4.1578e+01	6.9793e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.7191e+02	2.8353e+01	9.4366e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-1.7132e+02	2.4775e+01	-1.7091e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	-1.6675e+02	3.3765e+01	-4.1664e+00
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.3179e+02	3.9432e+01	2.2269e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.6833e+02	3.0250e+01	1.6294e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-1.7148e+02	3.7833e+01	2.4143e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	-1.4062e+02	5.6316e+01	8.3887e+00
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.2288e+02	-1.7163e+00	3.0202e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-1.5566e+02	4.1563e+00	2.0891e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.6198e+02	1.9818e+01	2.0895e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.3525e+02	2.5682e+01	3.0206e+01
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.1993e+02	-2.7221e+01	1.9628e+01
	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.4660e+02	-1.6867e+01	1.4760e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-1.5158e+02	-4.5105e+00	2.3324e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.2473e+02	-1.1225e+01	2.8192e+01
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	-1.1946e+02	-3.6087e+01	4.7359e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.4322e+02	-2.4399e+01	3.2206e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.4497e+02	-2.0896e+01	1.4675e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.2075e+02	-3.2038e+01	1.6190e+01
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	-1.2041e+02	-2.7916e+01	-1.0207e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-1.4450e+02	-1.7324e+01	-8.8871e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.4307e+02	-2.3822e+01	2.3322e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-1.1919e+02	-3.5593e+01	1.0122e+00
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.2396e+02	-2.6656e+00	-2.1304e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-1.5055e+02	2.8964e+00	-1.6540e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-1.4588e+02	-1.2156e+01	-8.7414e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	-1.1907e+02	-2.2137e+01	-1.3506e+01
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.3449e+02	3.8103e+01	-2.1476e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-1.6045e+02	3.0139e+01	-1.2122e+01

	807	0.0000e+00	0.0000e+00	0.0000e+00	-1.5451e+02	1.2624e+01	-1.3636e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.2165e+02	7.6769e+00	-2.2989e+01
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.3966e+02	7.0286e+01	3.7039e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.6914e+02	4.8974e+01	9.3725e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	-1.6681e+02	4.1269e+01	-6.9314e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.3062e+02	5.2453e+01	-1.2600e+01
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	-2.1835e+01	6.8448e+01	3.4761e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.2084e+02	5.1960e+01	2.6488e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-1.2343e+02	7.0837e+01	5.9407e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	-3.5844e+01	9.5304e+01	1.4213e+01
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	-3.4984e+01	1.8600e+00	2.9412e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.0554e+02	-2.2204e+00	2.8108e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.0559e+02	3.2271e+01	3.7734e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-3.7556e+01	9.0051e+00	3.9037e+01
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	-4.6217e+01	-3.5396e+01	1.5761e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.0201e+02	-2.9848e+01	1.7777e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.0235e+02	-9.2100e+00	3.1633e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	-4.1832e+01	-3.1280e+01	2.9618e+01
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	-5.1239e+01	-5.0370e+01	2.5604e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-1.0150e+02	-3.8407e+01	3.4303e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.0138e+02	-3.2759e+01	1.7856e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	-4.9621e+01	-4.9550e+01	1.6986e+01
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	-4.9427e+01	-4.6097e+01	-1.0608e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	-1.0086e+02	-2.8580e+01	-1.1657e+01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-1.0149e+02	-3.7807e+01	2.6043e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-5.0910e+01	-4.8714e+01	3.6533e+00
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	-4.1308e+01	-2.2808e+01	-2.2660e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.0151e+02	-4.2236e-01	-2.4695e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	-1.0151e+02	-2.4467e+01	-1.1362e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	-4.5397e+01	-2.8655e+01	-9.3274e+00
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	-3.7522e+01	2.2325e+01	-3.0916e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.0476e+02	4.5141e+01	-2.9199e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.0491e+02	7.7514e+00	-2.0684e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-3.3930e+01	1.3595e+01	-2.2400e+01
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	-3.7068e+01	1.1422e+02	-2.6642e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.2352e+02	8.5614e+01	6.5884e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.2088e+02	6.6345e+01	-1.7072e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	-2.1140e+01	8.4894e+01	-2.6325e+01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	1.4603e+02	-1.2789e+02	-2.3244e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	6.1266e+01	6.6496e+01	-4.3156e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	-6.7111e+01	1.2898e+02	1.9351e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	3.1239e+02	2.7620e+02	4.2260e-01
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	9.3902e+01	-1.1577e+02	-8.0938e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	2.3172e+01	-9.4920e+00	1.0117e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	1.1623e+01	3.2450e+01	1.2975e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	1.4200e+02	1.3303e+02	-5.2360e+00
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	6.5790e+01	-1.0109e+02	-2.0035e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-2.3071e+00	-3.9420e+01	7.6519e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-8.7692e+00	-1.9583e+01	1.0257e+01
	794	0.0000e+00	0.0000e+00	0.0000e+00	9.1629e+01	3.6899e+01	6.0149e-01
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	5.6999e+01	-6.8992e+01	9.8188e-01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-1.5442e+01	-4.9759e+01	4.2048e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-1.6581e+01	-4.4477e+01	7.4793e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	6.4605e+01	-3.1771e+01	4.2564e+00
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	6.5365e+01	-1.7493e+01	3.2023e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-1.7660e+01	-4.0443e+01	6.5673e-01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-1.3925e+01	-4.8590e+01	3.8483e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	5.6521e+01	-7.7902e+01	6.3938e+00
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	9.2536e+01	5.6247e+01	7.1331e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	-9.5486e+00	-1.0419e+01	-1.7437e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-4.1148e-01	-3.3075e+01	6.1366e-01
	788	0.0000e+00	0.0000e+00	0.0000e+00	6.5584e+01	-1.0444e+02	9.4905e+00
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	1.4278e+02	1.5700e+02	1.3406e+01



	783	0.0000e+00	0.0000e+00	0.0000e+00	1.0825e+01	4.6704e+01	-3.8312e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	2.5198e+01	1.8702e+00	-1.3370e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	9.3810e+01	-1.1340e+02	1.5901e+01
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	3.1600e+02	3.0441e+02	7.4977e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	-7.3570e+01	1.4875e+02	-9.4272e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	6.2801e+01	8.3574e+01	1.4715e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	1.4566e+02	-1.2020e+02	3.1640e+01
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	-9.9695e+01	-2.1394e+01	2.6687e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	-9.4302e+01	-2.7364e+01	-4.8707e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	-8.9385e+01	-3.6305e+00	-6.4119e-01
	773	0.0000e+00	0.0000e+00	0.0000e+00	-1.1845e+02	-1.8820e+01	6.8982e+00
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	-9.0604e+01	-3.5022e+01	-2.2613e-01
	781	0.0000e+00	0.0000e+00	0.0000e+00	-8.9265e+01	-3.4871e+01	-6.1065e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	-9.4918e+01	-2.8343e+01	-6.0982e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	-9.5741e+01	-2.8210e+01	-2.1784e-01
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	-8.3351e+01	-3.9367e+01	3.3808e-01
	780	0.0000e+00	0.0000e+00	0.0000e+00	-8.3805e+01	-4.0051e+01	-4.7174e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	-8.7963e+01	-3.7840e+01	-5.4884e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-8.8468e+01	-3.6843e+01	-4.3288e-01
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	-7.7829e+01	-3.9106e+01	1.0343e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-7.9473e+01	-3.9941e+01	-2.5368e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	-8.2421e+01	-4.1316e+01	-3.5667e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-8.1434e+01	-3.9906e+01	4.4412e-03
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	-7.4223e+01	-3.4961e+01	1.7671e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-7.6796e+01	-3.5684e+01	-1.9254e-01
	779	0.0000e+00	0.0000e+00	0.0000e+00	-7.8255e+01	-3.9791e+01	-1.1699e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-7.6360e+01	-3.8383e+01	7.8974e-01
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	-7.2286e+01	-2.7981e+01	2.3830e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	-7.5572e+01	-2.8386e+01	1.7411e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-7.5840e+01	-3.4420e+01	1.0293e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-7.3196e+01	-3.3273e+01	1.6712e+00
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	-7.1341e+01	-1.9164e+01	2.8350e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	-7.5116e+01	-1.9172e+01	2.8877e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	-7.4794e+01	-2.6399e+01	2.5657e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-7.1566e+01	-2.5704e+01	2.5129e+00
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	-7.0474e+01	-9.1813e+00	3.1786e+00
	775	0.0000e+00	0.0000e+00	0.0000e+00	-7.4226e+01	-8.8916e+00	3.0433e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	-7.4283e+01	-1.6877e+01	3.1134e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	-7.0666e+01	-1.6740e+01	3.2487e+00
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	-6.8380e+01	2.4912e+00	3.6870e+00
	774	0.0000e+00	0.0000e+00	0.0000e+00	-7.1543e+01	2.5322e+00	2.3469e+00
	775	0.0000e+00	0.0000e+00	0.0000e+00	-7.2967e+01	-6.6590e+00	2.5970e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	-6.9415e+01	-7.1630e+00	3.9370e+00
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	-7.6163e+01	1.5546e+01	1.3288e+00
	21	0.0000e+00	0.0000e+00	0.0000e+00	-5.6123e+01	2.5111e+01	-6.9532e-01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-6.8435e+01	1.0168e+00	8.9483e-01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-6.7565e+01	7.1158e+00	2.9189e+00
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	-1.0460e+02	-2.5187e+01	1.1783e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	-1.0154e+02	-2.6250e+01	5.5964e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	-9.7759e+01	-1.9082e+01	6.6665e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	-1.1972e+02	-2.2478e+01	1.2853e+01
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	-9.5640e+01	-3.5234e+01	9.5476e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-9.1807e+01	-3.4180e+01	1.8467e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	-1.0019e+02	-2.9735e+01	2.6284e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	-1.0138e+02	-3.0385e+01	1.0329e+01
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	-8.6995e+01	-3.9390e+01	8.2680e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-8.4138e+01	-3.8940e+01	2.0458e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-8.9495e+01	-3.7371e+01	2.3422e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	-9.3056e+01	-3.7568e+01	8.5644e+00
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	-8.0722e+01	-3.9117e+01	6.6273e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-7.8249e+01	-3.8693e+01	2.2708e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-8.2133e+01	-4.0123e+01	2.5717e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	-8.4831e+01	-4.0355e+01	6.9281e+00

1836	758	0.0000e+00	0.0000e+00	0.0000e+00	-7.6740e+01	-3.4837e+01	5.1179e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-7.4423e+01	-3.4609e+01	2.6293e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-7.6685e+01	-3.8421e+01	2.8591e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	-7.9044e+01	-3.8694e+01	5.3477e+00
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	-7.4779e+01	-2.7628e+01	3.9967e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-7.2386e+01	-2.7716e+01	3.0749e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-7.3325e+01	-3.3188e+01	3.1256e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	-7.5530e+01	-3.3387e+01	4.0474e+00
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	-7.4351e+01	-1.8539e+01	3.4688e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	-7.1562e+01	-1.9070e+01	3.6272e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-7.1654e+01	-2.5471e+01	3.4025e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	-7.3968e+01	-2.5513e+01	3.2441e+00
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	-7.5067e+01	-8.4745e+00	3.5372e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	-7.1239e+01	-9.4706e+00	4.3097e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	-7.1024e+01	-1.6218e+01	3.7786e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	-7.3864e+01	-1.6056e+01	3.0061e+00
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	-7.6383e+01	1.6440e+00	3.4039e+00
	764	0.0000e+00	0.0000e+00	0.0000e+00	-7.1976e+01	1.0430e+00	4.8304e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	-7.0705e+01	-5.7940e+00	4.5419e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	-7.5037e+01	-5.7659e+00	3.1153e+00
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	-7.8096e+01	9.2357e+00	3.2066e-01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-7.2377e+01	1.2555e+01	1.5639e+00
	764	0.0000e+00	0.0000e+00	0.0000e+00	-7.0727e+01	6.8500e+00	4.0260e+00
	754	0.0000e+00	0.0000e+00	0.0000e+00	-7.7465e+01	4.8022e+00	2.7827e+00
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.0902e+02	-2.5999e+01	2.1113e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	-1.0667e+02	-2.8407e+01	1.5202e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	-1.0478e+02	-2.1154e+01	1.3653e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	-1.2176e+02	-2.0186e+01	1.9564e+01
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	-1.0129e+02	-3.7362e+01	1.9500e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	-9.6703e+01	-3.5843e+01	1.2094e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	-1.0427e+02	-3.1120e+01	1.3028e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.0731e+02	-3.1638e+01	2.0435e+01
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	-9.3702e+01	-4.2165e+01	1.6297e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	-8.8270e+01	-4.0318e+01	1.0115e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	-9.3962e+01	-3.8326e+01	1.1823e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	-9.9352e+01	-4.0201e+01	1.8004e+01
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	-8.8127e+01	-4.1972e+01	1.2130e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	-8.1995e+01	-4.0047e+01	7.8936e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	-8.6079e+01	-4.1202e+01	9.8269e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	-9.1815e+01	-4.3492e+01	1.4063e+01
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	-8.4898e+01	-3.7250e+01	8.0811e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	-7.8132e+01	-3.5755e+01	5.9029e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	-8.0425e+01	-3.9455e+01	7.6212e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	-8.6602e+01	-4.1706e+01	9.7994e+00
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	-8.3878e+01	-2.9207e+01	4.8158e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	-7.6441e+01	-2.8475e+01	4.4447e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	-7.7185e+01	-3.3953e+01	5.6118e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	-8.3814e+01	-3.5765e+01	5.9829e+00
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	-8.4622e+01	-1.9163e+01	2.7201e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	-7.6451e+01	-1.9309e+01	3.7165e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	-7.6009e+01	-2.5806e+01	4.1509e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	-8.3236e+01	-2.6898e+01	3.1545e+00
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	-8.6499e+01	-8.5579e+00	1.7450e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	-7.7620e+01	-9.2182e+00	3.5857e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	-7.6341e+01	-1.6125e+01	3.4096e+00
	746	0.0000e+00	0.0000e+00	0.0000e+00	-8.4401e+01	-1.6402e+01	1.5689e+00
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	-8.8592e+01	8.6878e-01	1.2118e+00
	754	0.0000e+00	0.0000e+00	0.0000e+00	-7.9490e+01	7.7954e-01	3.2927e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	-7.7595e+01	-5.9812e+00	3.1278e+00
	745	0.0000e+00	0.0000e+00	0.0000e+00	-8.6670e+01	-5.7109e+00	1.0469e+00
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	-8.9746e+01	6.9318e+00	3.7617e-01
	654	0.0000e+00	0.0000e+00	0.0000e+00	-8.0360e+01	7.7593e+00	1.3941e+00
	754	0.0000e+00	0.0000e+00	0.0000e+00	-7.9302e+01	3.4916e+00	1.9184e+00

	744	0.0000e+00	0.0000e+00	0.0000e+00	-8.8936e+01	3.1762e+00	9.0044e-01
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.1323e+02	-2.5074e+01	2.8782e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.1160e+02	-2.7736e+01	2.3801e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	-1.1287e+02	-1.7649e+01	2.0310e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.2111e+02	-1.2700e+01	2.5291e+01
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	-1.0754e+02	-4.0775e+01	2.8084e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	-1.0278e+02	-3.8744e+01	2.1613e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.0883e+02	-3.1908e+01	2.2637e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.1336e+02	-3.2109e+01	2.9108e+01
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	-1.0215e+02	-4.7670e+01	2.2974e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	-9.5204e+01	-4.4301e+01	1.7830e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	-1.0016e+02	-4.1269e+01	2.0862e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-1.0664e+02	-4.4510e+01	2.6006e+01
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	-9.8440e+01	-4.7885e+01	1.6296e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	-8.9853e+01	-4.4243e+01	1.3064e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	-9.3236e+01	-4.4986e+01	1.6732e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	-1.0099e+02	-4.9342e+01	1.9965e+01
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	-9.6886e+01	-4.2508e+01	9.6190e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	-8.7026e+01	-3.9429e+01	8.4831e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	-8.8599e+01	-4.3249e+01	1.1895e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	-9.7397e+01	-4.7608e+01	1.3031e+01
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	-9.7497e+01	-3.3064e+01	4.0332e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	-8.6556e+01	-3.1132e+01	4.8067e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	-8.6478e+01	-3.7097e+01	7.3596e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	-9.6155e+01	-4.0730e+01	6.5861e+00
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	-9.9859e+01	-2.1228e+01	2.5604e-01
	746	0.0000e+00	0.0000e+00	0.0000e+00	-8.7963e+01	-2.0741e+01	2.4796e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	-8.6609e+01	-2.7876e+01	3.8048e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	-9.7133e+01	-3.0278e+01	1.5813e+00
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	-1.0313e+02	-8.9716e+00	-1.4046e+00
	745	0.0000e+00	0.0000e+00	0.0000e+00	-9.0481e+01	-9.7782e+00	1.5244e+00
	746	0.0000e+00	0.0000e+00	0.0000e+00	-8.8404e+01	-1.7070e+01	1.5702e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	-9.9832e+01	-1.7976e+01	-1.3588e+00
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.0603e+02	1.3980e+00	-1.1631e+00
	744	0.0000e+00	0.0000e+00	0.0000e+00	-9.3013e+01	-9.8708e-02	1.4214e+00
	745	0.0000e+00	0.0000e+00	0.0000e+00	-9.0995e+01	-6.3448e+00	5.2148e-01
	735	0.0000e+00	0.0000e+00	0.0000e+00	-1.0331e+02	-5.8797e+00	-2.0630e+00
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.0741e+02	7.5979e+00	2.9986e-01
	643	0.0000e+00	0.0000e+00	0.0000e+00	-9.3997e+01	6.0038e+00	1.3784e+00
	744	0.0000e+00	0.0000e+00	0.0000e+00	-9.3261e+01	2.3045e+00	4.5434e-02
	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.0617e+02	3.6162e+00	-1.0331e+00
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	-1.1545e+02	-2.3383e+01	3.3588e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.1537e+02	-2.4714e+01	3.0245e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.2266e+02	-9.6050e+00	2.5589e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	-1.1429e+02	-7.8695e-01	2.8933e+01
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.1255e+02	-4.5393e+01	3.4138e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-1.0897e+02	-4.2899e+01	2.9176e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.1263e+02	-3.1858e+01	3.0479e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-1.1800e+02	-3.2204e+01	3.5441e+01
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.1024e+02	-5.5666e+01	2.7160e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	-1.0341e+02	-5.0762e+01	2.3743e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-1.0698e+02	-4.5853e+01	2.8073e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.1295e+02	-5.0389e+01	3.1491e+01
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0908e+02	-5.6748e+01	1.8236e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	-1.0002e+02	-5.1281e+01	1.6603e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	-1.0202e+02	-5.1452e+01	2.1979e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.1008e+02	-5.7704e+01	2.3611e+01
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.0968e+02	-5.0681e+01	9.0842e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	-9.9018e+01	-4.5759e+01	9.4362e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	-9.9319e+01	-4.9924e+01	1.4629e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0873e+02	-5.6320e+01	1.4277e+01
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.1223e+02	-3.9350e+01	1.1843e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	-1.0034e+02	-3.5895e+01	3.4405e+00

	738	0.0000e+00	0.0000e+00	0.0000e+00	-9.9020e+01	-4.2827e+01	7.5636e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.0941e+02	-4.8361e+01	5.3075e+00
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.1652e+02	-2.4701e+01	-4.2709e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	-1.0357e+02	-2.3450e+01	-5.0898e-01
	737	0.0000e+00	0.0000e+00	0.0000e+00	-1.0101e+02	-3.1858e+01	1.8453e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.1218e+02	-3.5739e+01	-1.9166e+00
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.2165e+02	-9.1925e+00	-6.3347e+00
	735	0.0000e+00	0.0000e+00	0.0000e+00	-1.0778e+02	-1.0476e+01	-1.9359e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	-1.0470e+02	-1.8918e+01	-1.7963e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.1666e+02	-2.0507e+01	-6.1950e+00
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.2598e+02	3.9769e+00	-4.6808e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.1158e+02	5.7216e-01	-1.0109e+00
	735	0.0000e+00	0.0000e+00	0.0000e+00	-1.0897e+02	-6.2839e+00	-3.0289e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.2186e+02	-5.2895e+00	-6.6987e+00
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.2811e+02	1.1461e+01	-2.1550e-01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.1308e+02	7.2778e+00	1.3146e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.1229e+02	3.3839e+00	-2.1117e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.2609e+02	6.6701e+00	-3.6418e+00
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	-1.1304e+02	-2.1957e+01	3.4336e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-1.1575e+02	-1.9716e+01	3.3263e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	-1.3363e+02	1.8624e+00	2.8544e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-9.7121e+01	1.4391e+01	2.9617e+01
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.1340e+02	-5.1111e+01	3.6689e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.1315e+02	-4.8258e+01	3.3773e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-1.1339e+02	-3.1355e+01	3.5553e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-1.1852e+02	-3.2384e+01	3.8470e+01
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.1468e+02	-6.5687e+01	2.8156e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.1047e+02	-5.9352e+01	2.6893e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.1226e+02	-5.1911e+01	3.2395e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.1521e+02	-5.7572e+01	3.3658e+01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.1620e+02	-6.8133e+01	1.7611e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0964e+02	-6.0870e+01	1.7777e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.0990e+02	-6.0299e+01	2.4679e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.1564e+02	-6.8082e+01	2.4513e+01
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.1876e+02	-6.1617e+01	6.4247e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.1073e+02	-5.4619e+01	8.2545e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0956e+02	-5.9313e+01	1.5209e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.1657e+02	-6.7477e+01	1.3380e+01
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.2289e+02	-4.8214e+01	-3.6902e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.1396e+02	-4.2742e+01	-5.5449e-02
	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.1126e+02	-5.1160e+01	5.8505e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.1893e+02	-5.8563e+01	2.2157e+00
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.2884e+02	-2.9809e+01	-1.1027e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.1917e+02	-2.7237e+01	-5.7082e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.1520e+02	-3.7817e+01	-1.9723e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.2305e+02	-4.3389e+01	-7.2913e+00
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	-1.3603e+02	-9.0702e+00	-1.3686e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.2552e+02	-1.0613e+01	-7.4416e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.2107e+02	-2.1449e+01	-6.9755e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.2903e+02	-2.4008e+01	-1.3220e+01
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	-1.4243e+02	9.4955e+00	-1.0237e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.3136e+02	3.7704e+00	-4.7944e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.2763e+02	-4.9951e+00	-8.1105e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	-1.3618e+02	-3.4911e+00	-1.3553e+01
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.4573e+02	1.9806e+01	-1.4491e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.3389e+02	1.2282e+01	9.3014e-01
	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.3276e+02	7.5918e+00	-5.1773e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	-1.4248e+02	1.3382e+01	-7.5565e+00
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	-1.0243e+02	-2.1952e+01	3.0052e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-1.0958e+02	-1.3324e+01	3.1710e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-1.4410e+02	1.5163e+01	2.8469e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-6.4872e+01	3.0856e+01	2.6811e+01
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	-1.0597e+02	-5.7414e+01	3.5120e+01

	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.1212e+02	-5.4583e+01	3.4626e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-1.0791e+02	-3.0804e+01	3.6946e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-1.1108e+02	-3.3031e+01	3.7440e+01
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	-1.1073e+02	-7.6767e+01	2.5863e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.1279e+02	-6.9378e+01	2.6807e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.1272e+02	-5.9063e+01	3.3103e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	-1.0907e+02	-6.5400e+01	3.2159e+01
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	-1.1438e+02	-8.1141e+01	1.4804e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.1450e+02	-7.2363e+01	1.6481e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.1309e+02	-7.0879e+01	2.4498e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-1.1272e+02	-7.9577e+01	2.2820e+01
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	-1.1795e+02	-7.4843e+01	2.4280e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.1725e+02	-6.5653e+01	5.1314e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.1490e+02	-7.0924e+01	1.3670e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	-1.1534e+02	-8.0348e+01	1.0967e+01
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	-1.2228e+02	-5.9838e+01	-9.5763e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.2167e+02	-5.1627e+01	-5.4092e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.1799e+02	-6.1973e+01	2.5088e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	-1.1831e+02	-7.1022e+01	-1.6584e+00
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	-1.2831e+02	-3.7436e+01	-1.9214e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.2821e+02	-3.2151e+01	-1.3169e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.2312e+02	-4.5994e+01	-7.3290e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	-1.2230e+02	-5.3439e+01	-1.3374e+01
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	-1.3652e+02	-9.5011e+00	-2.3502e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	-1.3659e+02	-9.8662e+00	-1.5690e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.3066e+02	-2.4917e+01	-1.3958e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	-1.2812e+02	-2.9058e+01	-2.1770e+01
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	-1.4529e+02	1.8679e+01	-1.8762e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	-1.4511e+02	1.0609e+01	-1.0903e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	-1.3983e+02	-2.0544e+00	-1.5236e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	-1.3616e+02	-6.7935e-01	-2.3094e+01
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	-1.5012e+02	3.5155e+01	-3.7754e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.4942e+02	2.2772e+01	6.1218e-03
	714	0.0000e+00	0.0000e+00	0.0000e+00	-1.4773e+02	1.6393e+01	-9.7989e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	-1.4487e+02	2.5386e+01	-1.3580e+01
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	-7.9058e+01	-2.4799e+01	2.0355e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-9.2749e+01	-6.3507e+00	2.4746e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-1.5095e+02	2.7813e+01	2.5074e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	-1.2804e+01	4.5547e+01	2.0683e+01
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	-8.4174e+01	-6.3789e+01	2.9680e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	-1.0143e+02	-6.1012e+01	3.1349e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-9.2150e+01	-3.0530e+01	3.3966e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	-9.0389e+01	-3.3458e+01	3.2297e+01
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	-9.1591e+01	-8.7909e+01	2.0874e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-1.0515e+02	-7.9603e+01	2.3548e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	-1.0373e+02	-6.6453e+01	3.0042e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	-8.8109e+01	-7.2304e+01	2.7368e+01
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	-9.6434e+01	-9.4459e+01	1.0815e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	-1.0874e+02	-8.4659e+01	1.3321e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-1.0627e+02	-8.2015e+01	2.1752e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	-9.4310e+01	-9.0596e+01	1.9247e+01
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	-9.9591e+01	-8.9072e+01	-1.2687e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	-1.1197e+02	-7.8192e+01	1.2293e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	-1.0930e+02	-8.3763e+01	1.0797e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	-9.7675e+01	-9.3742e+01	8.2992e+00
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	-1.0180e+02	-7.3353e+01	-1.4037e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	-1.1581e+02	-6.2504e+01	-1.0996e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	-1.1232e+02	-7.4805e+01	-1.2271e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	-9.9714e+01	-8.5252e+01	-4.2684e+00
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	-1.0426e+02	-4.7845e+01	-2.5757e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	-1.2141e+02	-3.8788e+01	-2.1315e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	-1.1648e+02	-5.6772e+01	-1.2702e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	-1.0105e+02	-6.6491e+01	-1.7145e+01

1899 695 0.0000e+00 0.0000e+00 0.0000e+00 -1.0876e+02 -1.2409e+01 -3.3354e+01  
705 0.0000e+00 0.0000e+00 0.0000e+00 -1.3004e+02 -8.8305e+00 -2.6376e+01  
706 0.0000e+00 0.0000e+00 0.0000e+00 -1.2316e+02 -3.0552e+01 -2.1370e+01  
696 0.0000e+00 0.0000e+00 0.0000e+00 -1.0283e+02 -3.7886e+01 -2.8348e+01

1900 694 0.0000e+00 0.0000e+00 0.0000e+00 -1.1846e+02 3.1295e+01 -3.0790e+01  
704 0.0000e+00 0.0000e+00 0.0000e+00 -1.4093e+02 2.2047e+01 -2.0576e+01  
705 0.0000e+00 0.0000e+00 0.0000e+00 -1.3379e+02 1.7831e+00 -2.3909e+01  
695 0.0000e+00 0.0000e+00 0.0000e+00 -1.0686e+02 -2.0034e-01 -3.4122e+01

1901 588 0.0000e+00 0.0000e+00 0.0000e+00 -1.2456e+02 6.2348e+01 -7.8425e+00  
599 0.0000e+00 0.0000e+00 0.0000e+00 -1.4856e+02 4.1981e+01 -1.7096e+00  
704 0.0000e+00 0.0000e+00 0.0000e+00 -1.4583e+02 3.1941e+01 -1.6654e+01  
694 0.0000e+00 0.0000e+00 0.0000e+00 -1.1603e+02 4.4153e+01 -2.2787e+01

1902 691 0.0000e+00 0.0000e+00 0.0000e+00 -3.2356e+01 -2.6248e+01 9.2506e+00  
702 0.0000e+00 0.0000e+00 0.0000e+00 -6.1166e+01 1.0586e+00 1.3559e+01  
703 0.0000e+00 0.0000e+00 0.0000e+00 -1.4788e+02 3.5852e+01 1.8693e+01  
693 0.0000e+00 0.0000e+00 0.0000e+00 6.2263e+01 5.1967e+01 1.4384e+01

1903 689 0.0000e+00 0.0000e+00 0.0000e+00 -3.7636e+01 -6.0840e+01 2.1249e+01  
701 0.0000e+00 0.0000e+00 0.0000e+00 -7.5340e+01 -6.6525e+01 2.5409e+01  
702 0.0000e+00 0.0000e+00 0.0000e+00 -5.9463e+01 -2.9905e+01 2.8599e+01  
691 0.0000e+00 0.0000e+00 0.0000e+00 -4.5880e+01 -4.2544e+01 2.4439e+01

1904 687 0.0000e+00 0.0000e+00 0.0000e+00 -4.7356e+01 -9.1930e+01 1.3910e+01  
700 0.0000e+00 0.0000e+00 0.0000e+00 -8.1094e+01 -8.8817e+01 1.8315e+01  
701 0.0000e+00 0.0000e+00 0.0000e+00 -7.7466e+01 -7.2499e+01 2.5032e+01  
689 0.0000e+00 0.0000e+00 0.0000e+00 -4.2900e+01 -8.4029e+01 2.0626e+01

1905 685 0.0000e+00 0.0000e+00 0.0000e+00 -5.3178e+01 -1.0393e+02 6.4242e+00  
699 0.0000e+00 0.0000e+00 0.0000e+00 -8.5326e+01 -9.6328e+01 9.4696e+00  
700 0.0000e+00 0.0000e+00 0.0000e+00 -8.1945e+01 -9.1898e+01 1.7914e+01  
687 0.0000e+00 0.0000e+00 0.0000e+00 -5.0971e+01 -1.0271e+02 1.4869e+01

1906 683 0.0000e+00 0.0000e+00 0.0000e+00 -5.5449e+01 -1.0316e+02 -3.3291e+00  
698 0.0000e+00 0.0000e+00 0.0000e+00 -8.7290e+01 -9.0992e+01 -1.9273e+00  
699 0.0000e+00 0.0000e+00 0.0000e+00 -8.5557e+01 -9.6174e+01 8.0399e+00  
685 0.0000e+00 0.0000e+00 0.0000e+00 -5.4609e+01 -1.0573e+02 6.6380e+00

1907 681 0.0000e+00 0.0000e+00 0.0000e+00 -5.3861e+01 -9.0782e+01 -1.4332e+01  
697 0.0000e+00 0.0000e+00 0.0000e+00 -8.7753e+01 -7.4646e+01 -1.4481e+01  
698 0.0000e+00 0.0000e+00 0.0000e+00 -8.7203e+01 -8.8478e+01 -3.6490e+00  
683 0.0000e+00 0.0000e+00 0.0000e+00 -5.4686e+01 -9.5957e+01 -3.4993e+00

1908 679 0.0000e+00 0.0000e+00 0.0000e+00 -4.8418e+01 -6.7188e+01 -2.5424e+01  
696 0.0000e+00 0.0000e+00 0.0000e+00 -8.7745e+01 -4.7592e+01 -2.6744e+01  
697 0.0000e+00 0.0000e+00 0.0000e+00 -8.7708e+01 -7.0053e+01 -1.5828e+01  
681 0.0000e+00 0.0000e+00 0.0000e+00 -5.0878e+01 -7.4256e+01 -1.4507e+01

1909 677 0.0000e+00 0.0000e+00 0.0000e+00 -3.9517e+01 -3.1782e+01 -3.5268e+01  
695 0.0000e+00 0.0000e+00 0.0000e+00 -8.9872e+01 -9.5679e+00 -3.6508e+01  
696 0.0000e+00 0.0000e+00 0.0000e+00 -8.8406e+01 -4.0723e+01 -2.6524e+01  
679 0.0000e+00 0.0000e+00 0.0000e+00 -4.3257e+01 -4.0273e+01 -2.5285e+01

1910 675 0.0000e+00 0.0000e+00 0.0000e+00 -3.6280e+01 1.9088e+01 -4.0734e+01  
694 0.0000e+00 0.0000e+00 0.0000e+00 -9.5506e+01 3.8200e+01 -3.7463e+01  
695 0.0000e+00 0.0000e+00 0.0000e+00 -9.3328e+01 3.0092e-01 -3.2673e+01  
677 0.0000e+00 0.0000e+00 0.0000e+00 -3.2455e+01 8.9714e+00 -3.5945e+01

1911 577 0.0000e+00 0.0000e+00 0.0000e+00 -3.4232e+01 1.0330e+02 -1.2326e+01  
588 0.0000e+00 0.0000e+00 0.0000e+00 -1.1093e+02 7.6786e+01 -4.8520e+00  
694 0.0000e+00 0.0000e+00 0.0000e+00 -1.0872e+02 5.6433e+01 -2.7865e+01  
675 0.0000e+00 0.0000e+00 0.0000e+00 -2.2730e+01 8.0083e+01 -3.5339e+01

1912 692 0.0000e+00 0.0000e+00 0.0000e+00 5.4433e+01 -1.4083e+02 4.1829e+00  
691 0.0000e+00 0.0000e+00 0.0000e+00 7.4146e+00 7.3778e+00 -1.5354e+01  
693 0.0000e+00 0.0000e+00 0.0000e+00 -1.3036e+02 3.3249e+01 7.7703e+00  
11 0.0000e+00 0.0000e+00 0.0000e+00 1.5636e+02 1.3104e+02 2.7307e+01

1913 690 0.0000e+00 0.0000e+00 0.0000e+00 4.5176e+01 -1.4954e+02 4.1002e+00  
689 0.0000e+00 0.0000e+00 0.0000e+00 -4.2226e+00 -6.5351e+01 5.1594e+00  
691 0.0000e+00 0.0000e+00 0.0000e+00 -1.5630e+01 -3.2869e+01 9.1831e+00  
692 0.0000e+00 0.0000e+00 0.0000e+00 5.8527e+01 4.2551e+01 8.1239e+00

1914 688 0.0000e+00 0.0000e+00 0.0000e+00 3.4818e+01 -1.4781e+02 2.9641e+00  
687 0.0000e+00 0.0000e+00 0.0000e+00 -1.7559e+01 -9.2542e+01 5.2702e+00  
689 0.0000e+00 0.0000e+00 0.0000e+00 -2.6028e+01 -7.7960e+01 7.2109e+00

	690	0.0000e+00	0.0000e+00	0.0000e+00	4.7518e+01	-2.6927e+01	4.9047e+00
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	2.7350e+01	-1.3009e+02	1.3889e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	-2.6762e+01	-1.0400e+02	4.1370e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	-2.8970e+01	-9.9021e+01	7.1295e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	3.4600e+01	-7.9456e+01	4.3814e+00
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	2.5567e+01	-9.9507e+01	-1.1251e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	-3.1673e+01	-1.0172e+02	5.7232e-01
	685	0.0000e+00	0.0000e+00	0.0000e+00	-2.9291e+01	-1.0492e+02	4.6086e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	2.6299e+01	-1.1593e+02	2.9112e+00
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	3.1549e+01	-5.6270e+01	-3.7073e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	-3.1645e+01	-8.6862e+01	-4.1629e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	-2.5438e+01	-9.7961e+01	2.2701e-01
	684	0.0000e+00	0.0000e+00	0.0000e+00	2.4505e+01	-1.3812e+02	6.8255e-01
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	4.7419e+01	7.8896e-01	-5.0469e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	-2.5974e+01	-5.9452e+01	-8.7246e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	-1.6406e+01	-7.9076e+01	-4.8135e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	3.1102e+01	-1.4784e+02	-1.1357e+00
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	7.6195e+01	7.3949e+01	-3.7523e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	-1.4012e+01	-1.8169e+01	-1.1901e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	-9.8005e-01	-4.8283e+01	-9.1145e+00
	680	0.0000e+00	0.0000e+00	0.0000e+00	4.8211e+01	-1.4648e+02	-9.6553e-01
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	1.2169e+02	1.6735e+02	-2.2252e-01
	675	0.0000e+00	0.0000e+00	0.0000e+00	5.8571e+00	4.3704e+01	-1.4482e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	2.2655e+01	-5.1027e+00	-1.1648e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	7.8725e+01	-1.3493e+02	2.6113e+00
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	2.7796e+02	2.9874e+02	-4.1833e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	-7.5722e+01	1.3257e+02	-1.6384e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	5.1627e+01	8.0476e+01	3.0668e+00
	676	0.0000e+00	0.0000e+00	0.0000e+00	1.2822e+02	-1.2810e+02	1.5267e+01
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	-6.7357e+01	1.0548e+01	-3.1851e+00
	674	0.0000e+00	0.0000e+00	0.0000e+00	-6.9340e+01	4.0623e+00	-9.4391e-01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-5.5818e+01	2.6110e+01	7.6427e-01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-7.6356e+01	1.6239e+01	-1.4769e+00
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	-6.9315e+01	7.1066e-01	-4.0315e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	-7.3631e+01	1.1422e+00	-2.6724e+00
	674	0.0000e+00	0.0000e+00	0.0000e+00	-7.2205e+01	7.0647e+00	-2.3910e+00
	664	0.0000e+00	0.0000e+00	0.0000e+00	-6.7998e+01	6.9386e+00	-3.7501e+00
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	-6.9942e+01	-4.2534e+00	-2.8252e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	-7.4810e+01	-4.5405e+00	-2.7401e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	-7.4688e+01	-2.4030e-01	-2.9047e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	-6.9892e+01	-2.0111e-01	-2.9899e+00
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	-7.0168e+01	-8.2981e+00	-1.4854e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-7.5211e+01	-9.0571e+00	-1.5414e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	-7.5365e+01	-5.8805e+00	-2.1575e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	-7.0127e+01	-5.4185e+00	-2.1015e+00
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	-7.1000e+01	-1.0743e+01	4.8921e-03
	670	0.0000e+00	0.0000e+00	0.0000e+00	-7.6192e+01	-1.1730e+01	5.6310e-01
	671	0.0000e+00	0.0000e+00	0.0000e+00	-7.5667e+01	-9.9592e+00	-3.6530e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	-7.0398e+01	-9.1066e+00	-9.2350e-01
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	-7.2891e+01	-1.1066e+01	1.4952e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-7.8256e+01	-1.1983e+01	2.9500e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-7.6727e+01	-1.1896e+01	1.9730e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	-7.1484e+01	-1.0877e+01	5.1826e-01
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	-7.5638e+01	-9.0085e+00	2.8443e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	-8.1129e+01	-9.6241e+00	4.9670e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-7.8860e+01	-1.1335e+01	4.2088e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	-7.3622e+01	-1.0448e+01	2.0861e+00
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	-7.8465e+01	-4.3780e+00	4.0271e+00
	667	0.0000e+00	0.0000e+00	0.0000e+00	-8.3660e+01	-4.6381e+00	6.0815e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	-8.1596e+01	-8.3119e+00	5.6936e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	-7.6383e+01	-7.8033e+00	3.6392e+00
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	-7.9389e+01	3.9508e+00	5.2164e+00
	666	0.0000e+00	0.0000e+00	0.0000e+00	-8.4420e+01	3.8187e+00	5.9927e+00

	667	0.0000e+00	0.0000e+00	0.0000e+00	-8.3520e+01	-2.9164e+00	6.0166e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	-7.8722e+01	-3.0960e+00	5.2403e+00
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	-9.2659e+01	1.7007e+01	3.1019e+00
	20	0.0000e+00	0.0000e+00	0.0000e+00	-6.8346e+01	2.8324e+01	2.8409e+00
	666	0.0000e+00	0.0000e+00	0.0000e+00	-8.2059e+01	8.1254e-01	4.4101e+00
	656	0.0000e+00	0.0000e+00	0.0000e+00	-7.9474e+01	9.0204e+00	4.6711e+00
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	-7.6973e+01	8.9689e+00	-2.6261e+00
	664	0.0000e+00	0.0000e+00	0.0000e+00	-7.0383e+01	1.0487e+01	-3.9724e+00
	665	0.0000e+00	0.0000e+00	0.0000e+00	-7.2088e+01	1.3047e+01	-1.5948e+00
	654	0.0000e+00	0.0000e+00	0.0000e+00	-7.7986e+01	9.8531e+00	-2.4852e-01
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	-7.3706e+01	2.5453e+00	-2.5618e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	-7.0057e+01	2.1600e+00	-4.0407e+00
	664	0.0000e+00	0.0000e+00	0.0000e+00	-7.1508e+01	5.7075e+00	-4.7121e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	-7.5240e+01	6.6529e+00	-3.2332e+00
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	-7.1827e+01	-2.9026e+00	-1.8291e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	-6.9776e+01	-3.4991e+00	-2.7716e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	-7.0204e+01	-2.7849e-01	-3.6978e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	-7.3302e+01	9.6061e-01	-2.7553e+00
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	-7.1123e+01	-7.1470e+00	-1.2811e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	-6.9698e+01	-7.6870e+00	-1.7034e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	-6.9875e+01	-5.1238e+00	-2.4366e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	-7.1799e+01	-4.2107e+00	-2.0143e+00
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	-7.1737e+01	-9.5994e+00	-1.0060e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	-7.0469e+01	-1.0177e+01	-5.4513e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	-6.9942e+01	-8.6368e+00	-1.1745e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	-7.1334e+01	-7.9671e+00	-1.6353e+00
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	-7.3888e+01	-9.8056e+00	-7.8164e-01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-7.2415e+01	-1.0556e+01	7.5199e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-7.0978e+01	-1.0311e+01	8.3630e-02
	649	0.0000e+00	0.0000e+00	0.0000e+00	-7.2229e+01	-9.7370e+00	-1.4500e+00
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	-7.7478e+01	-7.5464e+00	-2.8815e-01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-7.5386e+01	-8.6394e+00	2.1995e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	-7.3187e+01	-9.7893e+00	1.3402e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	-7.4656e+01	-9.1793e+00	-1.1475e+00
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	-8.2272e+01	-2.8076e+00	6.7328e-01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-7.8833e+01	-4.3653e+00	3.8193e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	-7.6287e+01	-6.9352e+00	2.6532e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	-7.8468e+01	-6.1819e+00	-4.9282e-01
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	-8.7688e+01	4.1036e+00	1.4630e+00
	656	0.0000e+00	0.0000e+00	0.0000e+00	-8.3532e+01	2.7001e+00	5.3944e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	-7.9655e+01	-1.3520e+00	4.3788e+00
	646	0.0000e+00	0.0000e+00	0.0000e+00	-8.3630e+01	-7.4288e-01	4.4742e-01
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	-9.4147e+01	1.0410e+01	-1.4995e+00
	655	0.0000e+00	0.0000e+00	0.0000e+00	-8.7516e+01	1.3499e+01	2.4584e+00
	656	0.0000e+00	0.0000e+00	0.0000e+00	-8.3161e+01	9.1189e+00	4.7769e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	-9.0513e+01	7.6132e+00	8.1899e-01
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	-8.8486e+01	7.7078e+00	-9.4729e-02
	653	0.0000e+00	0.0000e+00	0.0000e+00	-7.8751e+01	7.7397e+00	-1.2858e+00
	654	0.0000e+00	0.0000e+00	0.0000e+00	-8.0152e+01	8.3490e+00	-9.0908e-01
	643	0.0000e+00	0.0000e+00	0.0000e+00	-8.9489e+01	7.6343e+00	2.8200e-01
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	-8.5178e+01	3.3848e+00	2.4933e-01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-7.6232e+01	2.5791e+00	-2.0839e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	-7.8603e+01	5.8696e+00	-2.7095e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	-8.7515e+01	6.3038e+00	-3.7629e-01
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	-8.2095e+01	-2.3652e+00	3.2743e-01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-7.4187e+01	-2.7883e+00	-1.6588e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	-7.5793e+01	4.2432e-01	-2.3974e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	-8.4498e+01	1.4651e+00	-4.1122e-01
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	-8.0426e+01	-7.2711e+00	-4.5597e-01
	650	0.0000e+00	0.0000e+00	0.0000e+00	-7.3114e+01	-7.2345e+00	-1.5121e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	-7.3830e+01	-4.6513e+00	-1.8030e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	-8.1842e+01	-4.0383e+00	-7.4681e-01
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	-8.0765e+01	-1.0067e+01	-1.9857e+00



649 0.0000e+00 0.0000e+00 0.0000e+00 -7.3523e+01 -9.8850e+00 -1.6882e+00  
650 0.0000e+00 0.0000e+00 0.0000e+00 -7.3117e+01 -8.3341e+00 -1.6165e+00  
639 0.0000e+00 0.0000e+00 0.0000e+00 -8.0571e+01 -8.2944e+00 -1.9140e+00

1947 637 0.0000e+00 0.0000e+00 0.0000e+00 -8.3361e+01 -1.0103e+01 -3.6708e+00  
648 0.0000e+00 0.0000e+00 0.0000e+00 -7.5709e+01 -1.0212e+01 -1.8277e+00  
649 0.0000e+00 0.0000e+00 0.0000e+00 -7.4044e+01 -9.9747e+00 -1.7723e+00  
638 0.0000e+00 0.0000e+00 0.0000e+00 -8.1306e+01 -1.0193e+01 -3.6155e+00

1948 636 0.0000e+00 0.0000e+00 0.0000e+00 -8.8067e+01 -7.2857e+00 -4.8361e+00  
647 0.0000e+00 0.0000e+00 0.0000e+00 -7.9622e+01 -8.0209e+00 -1.5444e+00  
648 0.0000e+00 0.0000e+00 0.0000e+00 -7.6750e+01 -9.2014e+00 -1.8942e+00  
637 0.0000e+00 0.0000e+00 0.0000e+00 -8.4295e+01 -9.2433e+00 -5.1859e+00

1949 635 0.0000e+00 0.0000e+00 0.0000e+00 -9.4351e+01 -2.1380e+00 -5.1558e+00  
646 0.0000e+00 0.0000e+00 0.0000e+00 -8.4961e+01 -3.3725e+00 -7.4834e-01  
647 0.0000e+00 0.0000e+00 0.0000e+00 -8.1024e+01 -5.9729e+00 -1.6077e+00  
636 0.0000e+00 0.0000e+00 0.0000e+00 -8.9392e+01 -5.5043e+00 -6.0152e+00

1950 634 0.0000e+00 0.0000e+00 0.0000e+00 -1.0123e+02 3.9631e+00 -5.1397e+00  
645 0.0000e+00 0.0000e+00 0.0000e+00 -9.1405e+01 3.2976e+00 -1.3154e-01  
646 0.0000e+00 0.0000e+00 0.0000e+00 -8.6438e+01 -5.9085e-01 -9.3913e-01  
635 0.0000e+00 0.0000e+00 0.0000e+00 -9.6092e+01 3.4416e-01 -5.9473e+00

1951 633 0.0000e+00 0.0000e+00 0.0000e+00 -1.0714e+02 8.5490e+00 -5.5919e+00  
644 0.0000e+00 0.0000e+00 0.0000e+00 -9.6639e+01 8.8353e+00 -1.6153e+00  
645 0.0000e+00 0.0000e+00 0.0000e+00 -9.2545e+01 6.4102e+00 -1.5150e+00  
634 0.0000e+00 0.0000e+00 0.0000e+00 -1.0321e+02 6.4976e+00 -5.4916e+00

1952 631 0.0000e+00 0.0000e+00 0.0000e+00 -1.0586e+02 8.4230e+00 2.4863e+00  
642 0.0000e+00 0.0000e+00 0.0000e+00 -9.2738e+01 6.8690e+00 1.3182e+00  
643 0.0000e+00 0.0000e+00 0.0000e+00 -9.3949e+01 6.6951e+00 -3.2665e-01  
632 0.0000e+00 0.0000e+00 0.0000e+00 -1.0701e+02 8.4009e+00 8.4142e-01

1953 630 0.0000e+00 0.0000e+00 0.0000e+00 -1.0208e+02 3.7682e+00 3.9828e+00  
641 0.0000e+00 0.0000e+00 0.0000e+00 -8.9608e+01 2.8236e+00 1.2189e+00  
642 0.0000e+00 0.0000e+00 0.0000e+00 -9.2010e+01 5.4525e+00 -1.0586e-01  
631 0.0000e+00 0.0000e+00 0.0000e+00 -1.0526e+02 7.1334e+00 2.6580e+00

1954 629 0.0000e+00 0.0000e+00 0.0000e+00 -9.8043e+01 -3.1942e+00 3.5477e+00  
640 0.0000e+00 0.0000e+00 0.0000e+00 -8.6311e+01 -2.9912e+00 7.0990e-01  
641 0.0000e+00 0.0000e+00 0.0000e+00 -8.8587e+01 4.6553e-01 3.0442e-01  
630 0.0000e+00 0.0000e+00 0.0000e+00 -1.0149e+02 1.4721e+00 3.1423e+00

1955 628 0.0000e+00 0.0000e+00 0.0000e+00 -9.5540e+01 -9.4193e+00 9.7779e-01  
639 0.0000e+00 0.0000e+00 0.0000e+00 -8.4227e+01 -8.2213e+00 -7.3956e-01  
640 0.0000e+00 0.0000e+00 0.0000e+00 -8.5474e+01 -5.2289e+00 -4.9095e-02  
629 0.0000e+00 0.0000e+00 0.0000e+00 -9.7759e+01 -5.3993e+00 1.6683e+00

1956 627 0.0000e+00 0.0000e+00 0.0000e+00 -9.5651e+01 -1.2895e+01 -3.0640e+00  
638 0.0000e+00 0.0000e+00 0.0000e+00 -8.4266e+01 -1.1315e+01 -2.9358e+00  
639 0.0000e+00 0.0000e+00 0.0000e+00 -8.3980e+01 -9.5717e+00 -1.5295e+00  
628 0.0000e+00 0.0000e+00 0.0000e+00 -9.5678e+01 -1.0779e+01 -1.6576e+00

1957 626 0.0000e+00 0.0000e+00 0.0000e+00 -9.8773e+01 -1.2668e+01 -7.4246e+00  
637 0.0000e+00 0.0000e+00 0.0000e+00 -8.6844e+01 -1.1476e+01 -5.1786e+00  
638 0.0000e+00 0.0000e+00 0.0000e+00 -8.4824e+01 -1.1371e+01 -3.7543e+00  
627 0.0000e+00 0.0000e+00 0.0000e+00 -9.6259e+01 -1.3002e+01 -6.0004e+00

1958 625 0.0000e+00 0.0000e+00 0.0000e+00 -1.0467e+02 -8.7618e+00 -1.0887e+01  
636 0.0000e+00 0.0000e+00 0.0000e+00 -9.1862e+01 -8.5938e+00 -6.6906e+00  
637 0.0000e+00 0.0000e+00 0.0000e+00 -8.8212e+01 -1.0145e+01 -5.9592e+00  
626 0.0000e+00 0.0000e+00 0.0000e+00 -9.9847e+01 -1.1427e+01 -1.0156e+01

1959 624 0.0000e+00 0.0000e+00 0.0000e+00 -1.1241e+02 -2.2206e+00 -1.2561e+01  
635 0.0000e+00 0.0000e+00 0.0000e+00 -9.8698e+01 -3.2639e+00 -7.0471e+00  
636 0.0000e+00 0.0000e+00 0.0000e+00 -9.3833e+01 -6.0939e+00 -7.4265e+00  
625 0.0000e+00 0.0000e+00 0.0000e+00 -1.0615e+02 -6.3854e+00 -1.2940e+01

1960 623 0.0000e+00 0.0000e+00 0.0000e+00 -1.2043e+02 4.8500e+00 -1.2221e+01  
634 0.0000e+00 0.0000e+00 0.0000e+00 -1.0606e+02 3.0009e+00 -6.5378e+00  
635 0.0000e+00 0.0000e+00 0.0000e+00 -1.0086e+02 -1.8655e-01 -7.9275e+00  
624 0.0000e+00 0.0000e+00 0.0000e+00 -1.1416e+02 7.1833e-01 -1.3611e+01

1961 622 0.0000e+00 0.0000e+00 0.0000e+00 -1.2658e+02 9.8075e+00 -1.0234e+01  
633 0.0000e+00 0.0000e+00 0.0000e+00 -1.1212e+02 7.5375e+00 -5.9423e+00  
634 0.0000e+00 0.0000e+00 0.0000e+00 -1.0794e+02 5.7483e+00 -7.9130e+00  
623 0.0000e+00 0.0000e+00 0.0000e+00 -1.2210e+02 7.3839e+00 -1.2204e+01

1962	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.2598e+02	1.1628e+01	5.5010e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	-1.1192e+02	8.2269e+00	4.0638e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.1323e+02	8.0966e+00	1.7222e-01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.2757e+02	1.2408e+01	1.6094e+00
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.2099e+02	4.4299e+00	8.8879e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	-1.0792e+02	3.2281e+00	5.2497e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	-1.1061e+02	6.4183e+00	2.9725e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.2565e+02	9.7296e+00	6.6106e+00
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.1568e+02	-5.6173e+00	7.9325e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	-1.0328e+02	-4.3445e+00	4.0521e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	-1.0618e+02	1.2103e-01	4.1818e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.2062e+02	1.1368e+00	8.0621e+00
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.1232e+02	-1.4284e+01	3.0253e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.0011e+02	-1.1227e+01	5.6831e-01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-1.0188e+02	-7.3160e+00	2.8364e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.1551e+02	-8.7542e+00	5.2934e+00
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.1222e+02	-1.8897e+01	-4.2954e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	-9.9754e+01	-1.5142e+01	-4.3619e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	-9.9588e+01	-1.3005e+01	-8.6702e-01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.1252e+02	-1.6177e+01	-8.0052e-01
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.1584e+02	-1.8259e+01	-1.2111e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	-1.0276e+02	-1.5010e+01	-9.4553e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	-1.0036e+02	-1.5190e+01	-5.9022e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.1289e+02	-1.8983e+01	-8.5575e+00
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.2293e+02	-1.2439e+01	-1.8482e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	-1.0893e+02	-1.0840e+01	-1.3332e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	-1.0449e+02	-1.3230e+01	-1.0908e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.1697e+02	-1.6435e+01	-1.6058e+01
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.3234e+02	-2.9041e+00	-2.1665e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	-1.1729e+02	-3.7516e+00	-1.4895e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	-1.1156e+02	-7.5701e+00	-1.4572e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.2441e+02	-9.0580e+00	-2.1342e+01
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.4191e+02	7.2662e+00	-2.0597e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	-1.2604e+02	3.9810e+00	-1.3805e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	-1.2029e+02	1.4125e-01	-1.5972e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.3395e+02	1.1495e+00	-2.2763e+01
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.4862e+02	1.4148e+01	-1.5653e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.3326e+02	9.4351e+00	-1.0755e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	-1.2862e+02	7.2545e+00	-1.4830e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.4338e+02	1.0618e+01	-1.9728e+01
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	-1.4250e+02	1.8245e+01	9.5148e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.3258e+02	1.2626e+01	7.4240e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.3427e+02	1.3264e+01	7.2254e-01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.4503e+02	2.0926e+01	2.8134e+00
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	-1.3558e+02	5.4972e+00	1.5526e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.2696e+02	4.3487e+00	1.0359e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.3041e+02	9.5743e+00	7.1648e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	-1.4256e+02	1.4756e+01	1.2332e+01
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.2883e+02	-1.0119e+01	1.3611e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.2048e+02	-7.0918e+00	8.3921e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.2426e+02	-3.1511e-01	9.6374e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	-1.3558e+02	2.4389e-01	1.4857e+01
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.2481e+02	-2.2575e+01	5.5894e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.1607e+02	-1.6900e+01	2.3777e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.1845e+02	-1.1260e+01	7.0149e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.2891e+02	-1.4774e+01	1.0226e+01
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.2458e+02	-2.8813e+01	-5.6968e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.1530e+02	-2.2100e+01	-5.9725e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.1530e+02	-1.9292e+01	4.1979e-01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.2514e+02	-2.5247e+01	6.9551e-01
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.2845e+02	-2.7621e+01	-1.7584e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.1866e+02	-2.1460e+01	-1.4659e+01
	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.1593e+02	-2.2177e+01	-8.1665e+00

	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.2527e+02	-2.8884e+01	-1.1092e+01
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	-1.3630e+02	-1.8970e+01	-2.7521e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.2590e+02	-1.5087e+01	-2.1565e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.2070e+02	-1.9119e+01	-1.6650e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.2948e+02	-2.4976e+01	-2.2606e+01
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	-1.4721e+02	-4.4011e+00	-3.2766e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.3597e+02	-4.5179e+00	-2.4619e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.2920e+02	-1.0656e+01	-2.2991e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-1.3754e+02	-1.3999e+01	-3.1138e+01
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	-1.5864e+02	1.1814e+01	-3.0882e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.4663e+02	6.9919e+00	-2.2524e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.3996e+02	9.3753e-01	-2.5363e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-1.4844e+02	1.7423e+00	-3.3721e+01
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	-1.6582e+02	2.2644e+01	-2.1754e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.5535e+02	1.5009e+01	-1.6117e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.5011e+02	1.1582e+01	-2.2697e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-1.5968e+02	1.6988e+01	-2.8334e+01
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	-1.4484e+02	2.9779e+01	1.5354e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-1.4772e+02	2.1407e+01	1.2011e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.5008e+02	2.3957e+01	1.5244e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	-1.4923e+02	3.6367e+01	4.8676e+00
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	-1.3579e+02	6.4591e+00	2.4242e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-1.3942e+02	6.2280e+00	1.6955e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-1.4402e+02	1.5809e+01	1.3447e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-1.4590e+02	2.2530e+01	2.0734e+01
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	-1.2879e+02	-1.7474e+01	1.9936e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.3082e+02	-1.1920e+01	1.3689e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-1.3558e+02	-8.7223e-01	1.7235e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-1.3665e+02	-2.3463e+00	2.3482e+01
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.2541e+02	-3.4748e+01	7.9917e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.2555e+02	-2.5984e+01	4.5608e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.2840e+02	-1.7536e+01	1.2469e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-1.2948e+02	-2.4443e+01	1.5900e+01
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	-1.2547e+02	-4.2912e+01	-7.3103e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.2458e+02	-3.2805e+01	-7.6585e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.2472e+02	-2.9014e+01	2.2140e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.2604e+02	-3.8472e+01	2.5622e+00
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	-1.2885e+02	-4.1197e+01	-2.3161e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.2796e+02	-3.1374e+01	-2.0423e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.2519e+02	-3.2967e+01	-1.0413e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	-1.2610e+02	-4.2982e+01	-1.3151e+01
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	-1.3577e+02	-2.9290e+01	-3.6990e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-1.3556e+02	-2.1769e+01	-3.1105e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.3000e+02	-2.8559e+01	-2.2805e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-1.2946e+02	-3.7487e+01	-2.8690e+01
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	-1.4649e+02	-7.8064e+00	-4.5328e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-1.4678e+02	-5.5543e+00	-3.6489e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-1.3918e+02	-1.6036e+01	-3.2368e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-1.3625e+02	-2.1951e+01	-4.1207e+01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	-1.5938e+02	1.8831e+01	-4.3416e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-1.5947e+02	1.2904e+01	-3.3323e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-1.5181e+02	2.2278e+00	-3.6207e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-1.4666e+02	2.0166e+00	-4.6300e+01
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	-1.6649e+02	3.7653e+01	-2.8218e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	-1.7004e+02	2.5883e+01	-2.1771e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-1.6434e+02	1.9973e+01	-3.1759e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-1.5917e+02	2.7998e+01	-3.8206e+01
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	-1.1570e+02	4.6775e+01	2.3967e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-1.4591e+02	3.6496e+01	1.8327e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-1.4951e+02	4.3319e+01	2.9265e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	-1.2348e+02	6.3561e+01	8.5670e+00
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	-1.0763e+02	3.1677e+00	3.3292e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-1.3343e+02	7.6728e+00	2.4321e+01

	598	0.0000e+00	0.0000e+00	0.0000e+00	-1.3961e+02	2.5733e+01	2.2957e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-1.1956e+02	3.2940e+01	3.1928e+01
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	-1.0547e+02	-2.9767e+01	2.3674e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-1.2436e+02	-2.0102e+01	1.8762e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-1.2960e+02	-2.2955e+00	2.6357e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-1.1015e+02	-7.6818e+00	3.1269e+01
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	-1.0590e+02	-5.1040e+01	8.3722e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.2037e+02	-3.8917e+01	6.3762e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	-1.2291e+02	-2.6743e+01	1.7826e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-1.0738e+02	-3.7310e+01	1.9822e+01
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	-1.0716e+02	-6.0420e+01	-9.1880e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	-1.2007e+02	-4.7251e+01	-9.2094e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.2018e+02	-4.2293e+01	3.7432e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	-1.0709e+02	-5.4794e+01	3.7646e+00
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	-1.0872e+02	-5.7892e+01	-2.7117e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-1.2276e+02	-4.4823e+01	-2.5477e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	-1.2057e+02	-4.7564e+01	-1.2371e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	-1.0760e+02	-6.0469e+01	-1.4011e+01
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	-1.1098e+02	-4.2836e+01	-4.3638e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-1.2858e+02	-3.1402e+01	-4.0032e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-1.2392e+02	-4.1966e+01	-2.8128e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-1.0835e+02	-5.4122e+01	-3.1735e+01
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	-1.1557e+02	-1.4003e+01	-5.5823e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-1.3836e+02	-7.5147e+00	-4.9277e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-1.3093e+02	-2.4948e+01	-4.0969e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-1.0979e+02	-3.4925e+01	-4.7515e+01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	-1.2669e+02	2.8497e+01	-5.7352e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-1.5155e+02	2.2406e+01	-4.6631e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-1.4304e+02	2.8658e+00	-4.7155e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-1.1356e+02	-2.1872e+00	-5.7876e+01
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	-1.3222e+02	6.4426e+01	-3.4684e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	-1.6465e+02	4.5223e+01	-2.7159e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-1.5858e+02	3.4411e+01	-4.1761e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-1.2310e+02	4.4147e+01	-4.9286e+01
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	-2.3184e+01	7.7333e+01	3.4833e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-1.0834e+02	5.8819e+01	2.7998e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	-1.1147e+02	7.7830e+01	6.3854e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	-3.3854e+01	1.0215e+02	1.3220e+01
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	-3.6709e+01	9.4282e+00	3.1828e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-9.4962e+01	2.2911e+00	3.1204e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-9.3612e+01	3.9358e+01	3.8668e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	-3.9319e+01	1.7429e+01	3.9292e+01
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	-4.9946e+01	-3.5260e+01	1.8529e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-9.2774e+01	-3.3263e+01	2.1540e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-9.1706e+01	-5.9539e+00	3.4086e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	-4.4936e+01	-2.8820e+01	3.1074e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	-5.8843e+01	-6.2868e+01	4.2033e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	-9.4028e+01	-5.5096e+01	6.7246e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	-9.2175e+01	-3.8504e+01	2.0659e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	-5.5607e+01	-5.8348e+01	1.8138e+01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	-6.2690e+01	-7.6586e+01	-1.1417e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	-9.5156e+01	-6.4068e+01	-1.0418e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-9.4086e+01	-5.7837e+01	4.1676e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	-6.1744e+01	-7.4224e+01	3.1687e+00
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	-6.1243e+01	-7.7138e+01	-2.7347e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-9.5309e+01	-6.0449e+01	-2.8144e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	-9.5366e+01	-6.4578e+01	-1.3422e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-6.2793e+01	-7.7064e+01	-1.2626e+01
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	-5.4422e+01	-6.4129e+01	-4.2553e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-9.4674e+01	-4.3472e+01	-4.5034e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-9.5639e+01	-5.8649e+01	-3.0673e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-5.8466e+01	-6.6452e+01	-2.8192e+01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	-4.2441e+01	-3.6073e+01	-5.5889e+01

	580	0.0000e+00	0.0000e+00	0.0000e+00	-9.5211e+01	-1.1590e+01	-5.9142e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-9.5575e+01	-3.8917e+01	-4.5828e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-4.8642e+01	-4.0820e+01	-4.2575e+01
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	-3.4858e+01	1.1151e+01	-6.4795e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-9.7875e+01	3.5785e+01	-6.4632e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-9.8688e+01	-3.5373e+00	-5.6017e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-3.3717e+01	4.0233e+00	-5.6179e+01
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	-2.7349e+01	1.0078e+02	-3.9270e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	-1.1619e+02	7.9849e+01	-3.2871e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-1.1299e+02	5.5955e+01	-5.3426e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	-1.7639e+01	7.5756e+01	-5.9824e+01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	1.1714e+02	-1.1809e+02	-2.0954e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	5.0344e+01	7.5811e+01	-4.3499e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	-7.6391e+01	1.3356e+02	1.6621e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	2.7738e+02	2.8590e+02	1.6555e-02
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	6.5295e+01	-1.2205e+02	-7.6582e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.4567e+01	-3.3810e+00	9.3416e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	-1.5902e-01	4.0009e+01	1.2442e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	1.1433e+02	1.5253e+02	-4.5576e+00
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	3.3519e+01	-1.2736e+02	-5.1842e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	-1.1601e+01	-4.2499e+01	4.7344e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	-2.2283e+01	-1.7202e+01	8.8931e+00
	574	0.0000e+00	0.0000e+00	0.0000e+00	6.4221e+01	5.9413e+01	-1.0255e+00
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	1.7048e+01	-1.2111e+02	-7.3417e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	-2.8167e+01	-6.7177e+01	-2.4492e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	-3.4689e+01	-5.2775e+01	3.4437e+00
	572	0.0000e+00	0.0000e+00	0.0000e+00	3.3445e+01	-1.0517e+01	-1.4488e+00
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	1.3074e+01	-1.0222e+02	-1.1983e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-3.6674e+01	-7.7994e+01	-1.1219e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	-3.9622e+01	-7.2877e+01	-4.4045e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	1.7563e+01	-6.2154e+01	-5.1679e+00
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	2.0881e+01	-6.8741e+01	-1.6897e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-3.7692e+01	-7.5084e+01	-2.0056e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-3.7099e+01	-7.8963e+01	-1.3347e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	1.3913e+01	-9.8602e+01	-1.0188e+01
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	4.1543e+01	-1.7825e+01	-1.9976e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-3.1094e+01	-5.7480e+01	-2.7498e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-2.6777e+01	-7.1185e+01	-2.1916e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	2.2044e+01	-1.2190e+02	-1.4394e+01
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	7.8526e+01	5.4497e+01	-1.9231e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-1.6410e+01	-2.2811e+01	-3.2311e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-7.5901e+00	-4.8595e+01	-2.8612e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	4.3307e+01	-1.3323e+02	-1.5532e+01
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	1.3715e+02	1.5419e+02	-1.4207e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	9.1210e+00	3.6249e+01	-3.5221e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	2.2538e+01	-9.7323e+00	-3.2519e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	8.1315e+01	-1.3303e+02	-1.1505e+01
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	3.1446e+02	3.0057e+02	-1.7455e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-6.4839e+01	1.3598e+02	-3.9110e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	6.4131e+01	7.2820e+01	-1.7826e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	1.4178e+02	-1.3395e+02	3.8292e+00
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	-8.0518e+01	8.3544e+00	-4.5669e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	-8.3059e+01	3.4847e-02	-4.0111e+00
	19	0.0000e+00	0.0000e+00	0.0000e+00	-6.8935e+01	2.7988e+01	-2.5670e+00
	548	0.0000e+00	0.0000e+00	0.0000e+00	-9.3520e+01	1.6806e+01	-3.1229e+00
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	-8.0298e+01	-4.3300e+00	-5.0524e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	-8.5097e+01	-4.2371e+00	-5.4610e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	-8.5608e+01	2.9518e+00	-5.5328e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	-8.0612e+01	3.1870e+00	-5.1242e+00
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	-7.8615e+01	-9.6416e+00	-3.3614e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	-8.3871e+01	-1.0236e+01	-4.9615e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	-8.5461e+01	-6.0672e+00	-5.4433e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	-8.0254e+01	-5.7070e+00	-3.8432e+00

2025	544	0.0000e+00	0.0000e+00	0.0000e+00	-7.6670e+01	-1.2904e+01	-1.7295e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-8.1990e+01	-1.3875e+01	-3.2857e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	-8.3671e+01	-1.1648e+01	-4.1355e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	-7.8129e+01	-1.0935e+01	-2.5793e+00
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	-7.5522e+01	-1.3884e+01	-8.9629e-02
	553	0.0000e+00	0.0000e+00	0.0000e+00	-8.0891e+01	-1.4984e+01	-8.4989e-01
	554	0.0000e+00	0.0000e+00	0.0000e+00	-8.1702e+01	-1.4593e+01	-1.9162e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	-7.6246e+01	-1.3581e+01	-1.1559e+00
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	-7.5599e+01	-1.2471e+01	1.4264e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	-8.1041e+01	-1.3404e+01	1.6907e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	-8.0718e+01	-1.4828e+01	6.7445e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-7.5389e+01	-1.3747e+01	4.1011e-01
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	-7.6623e+01	-8.7636e+00	2.6964e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-8.2086e+01	-9.3091e+00	3.6804e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	-8.0977e+01	-1.2412e+01	2.9747e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	-7.5746e+01	-1.1559e+01	1.9907e+00
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	-7.7735e+01	-2.8853e+00	3.7207e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	-8.2790e+01	-3.0228e+00	4.6130e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-8.1918e+01	-7.7351e+00	4.3483e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-7.6806e+01	-7.3480e+00	3.4561e+00
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	-7.7004e+01	5.9962e+00	4.7067e+00
	549	0.0000e+00	0.0000e+00	0.0000e+00	-8.1596e+01	5.9862e+00	4.2604e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	-8.2050e+01	-1.2135e+00	4.4258e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	-7.7451e+01	-1.5512e+00	4.8721e+00
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	-8.7706e+01	1.8795e+01	2.5240e+00
	18	0.0000e+00	0.0000e+00	0.0000e+00	-6.4640e+01	2.9543e+01	1.0529e+00
	549	0.0000e+00	0.0000e+00	0.0000e+00	-7.8772e+01	3.1274e+00	2.6849e+00
	539	0.0000e+00	0.0000e+00	0.0000e+00	-7.6542e+01	1.0641e+01	4.1561e+00
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	-9.1928e+01	7.0030e+00	-1.1472e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	-8.4303e+01	8.4763e+00	-4.8677e+00
	548	0.0000e+00	0.0000e+00	0.0000e+00	-8.8437e+01	1.3281e+01	-2.5404e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	-9.5304e+01	1.0142e+01	1.1800e+00
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	-8.5532e+01	-1.9366e+00	-8.1609e-01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-8.1303e+01	-2.5625e+00	-4.4143e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	-8.4844e+01	1.9337e+00	-5.4523e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	-8.9254e+01	3.3650e+00	-1.8541e+00
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	-8.1022e+01	-8.0030e+00	6.0497e-02
	545	0.0000e+00	0.0000e+00	0.0000e+00	-7.8578e+01	-8.7591e+00	-2.6494e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	-8.0682e+01	-5.6909e+00	-3.8235e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	-8.4388e+01	-4.1202e+00	-1.1135e+00
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	-7.8040e+01	-1.1631e+01	6.1998e-01
	544	0.0000e+00	0.0000e+00	0.0000e+00	-7.6285e+01	-1.2236e+01	-1.3115e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	-7.7928e+01	-1.0562e+01	-2.1649e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	-8.0295e+01	-9.4758e+00	-2.3342e-01
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	-7.6640e+01	-1.2732e+01	8.1294e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-7.5063e+01	-1.3310e+01	-2.9157e-02
	544	0.0000e+00	0.0000e+00	0.0000e+00	-7.5817e+01	-1.3066e+01	-6.9108e-01
	533	0.0000e+00	0.0000e+00	0.0000e+00	-7.7585e+01	-1.2332e+01	1.5102e-01
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	-7.6971e+01	-1.1282e+01	9.0685e-01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-7.5190e+01	-1.1991e+01	1.2771e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	-7.4910e+01	-1.3170e+01	6.3314e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	-7.6504e+01	-1.2603e+01	2.6291e-01
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	-7.8844e+01	-7.4341e+00	1.2556e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-7.6438e+01	-8.4561e+00	2.6397e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	-7.5344e+01	-1.0920e+01	1.8421e+00
	531	0.0000e+00	0.0000e+00	0.0000e+00	-7.7145e+01	-1.0361e+01	4.5799e-01
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	-8.1927e+01	-1.5010e+00	2.0705e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	-7.8177e+01	-2.9591e+00	4.0938e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-7.6752e+01	-6.5266e+00	3.0193e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-7.9268e+01	-5.8552e+00	9.9596e-01
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	-8.5594e+01	5.9331e+00	2.7057e+00
	539	0.0000e+00	0.0000e+00	0.0000e+00	-8.1067e+01	4.6688e+00	5.4271e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	-7.8432e+01	9.5011e-02	4.5294e+00

	529	0.0000e+00	0.0000e+00	0.0000e+00	-8.2737e+01	6.0975e-01	1.8080e+00
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	-9.0159e+01	1.1893e+01	-4.4590e-01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-8.3464e+01	1.5209e+01	2.3066e+00
	539	0.0000e+00	0.0000e+00	0.0000e+00	-8.0192e+01	1.0761e+01	4.7598e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	-8.7875e+01	9.2163e+00	2.0072e+00
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.0514e+02	5.7868e+00	4.6907e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	-9.4076e+01	5.7366e+00	1.0145e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	-9.7893e+01	8.5416e+00	1.1678e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.0874e+02	8.1875e+00	4.8440e+00
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	-9.8602e+01	-9.6467e-01	4.9871e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	-8.8482e+01	-1.8412e+00	3.4194e-01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-9.3103e+01	2.5274e+00	-4.0192e-01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.0336e+02	3.1250e+00	4.2433e+00
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	-9.2633e+01	-7.4890e+00	4.8291e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	-8.3731e+01	-7.8664e+00	8.9026e-01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-8.7210e+01	-4.7271e+00	1.2321e-01
	524	0.0000e+00	0.0000e+00	0.0000e+00	-9.7104e+01	-3.5842e+00	4.0621e+00
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	-8.8466e+01	-1.1893e+01	3.7103e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	-8.0299e+01	-1.1742e+01	1.0220e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	-8.2586e+01	-1.0002e+01	7.9105e-01
	523	0.0000e+00	0.0000e+00	0.0000e+00	-9.1605e+01	-9.3931e+00	3.4794e+00
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	-8.6636e+01	-1.3385e+01	1.8179e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	-7.8640e+01	-1.3070e+01	7.3589e-01
	533	0.0000e+00	0.0000e+00	0.0000e+00	-7.9578e+01	-1.2793e+01	9.1385e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	-8.7882e+01	-1.2831e+01	1.9958e+00
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	-8.7304e+01	-1.1756e+01	-1.8635e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-7.8973e+01	-1.1753e+01	4.4794e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	-7.8504e+01	-1.2934e+01	6.1011e-01
	521	0.0000e+00	0.0000e+00	0.0000e+00	-8.6494e+01	-1.3253e+01	-2.4183e-02
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	-9.0214e+01	-7.3110e+00	-1.5777e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-8.1154e+01	-7.9750e+00	5.8273e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-7.9411e+01	-1.0471e+01	3.1072e-01
	520	0.0000e+00	0.0000e+00	0.0000e+00	-8.7596e+01	-1.0596e+01	-1.8498e+00
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	-9.4717e+01	-9.3913e-01	-2.0205e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	-8.4777e+01	-2.1303e+00	1.2384e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	-8.1985e+01	-5.7283e+00	4.2469e-01
	519	0.0000e+00	0.0000e+00	0.0000e+00	-9.0932e+01	-5.3069e+00	-2.8342e+00
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	-9.9724e+01	5.6606e+00	-2.0710e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	-8.9443e+01	5.0603e+00	1.6920e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	-8.5691e+01	6.7497e-01	9.3157e-01
	518	0.0000e+00	0.0000e+00	0.0000e+00	-9.5880e+01	1.5817e+00	-2.8314e+00
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	-1.0371e+02	9.7876e+00	-2.6630e+00
	527	0.0000e+00	0.0000e+00	0.0000e+00	-9.2798e+01	1.0258e+01	-2.2171e-02
	528	0.0000e+00	0.0000e+00	0.0000e+00	-9.0020e+01	7.9073e+00	1.8858e-01
	517	0.0000e+00	0.0000e+00	0.0000e+00	-1.0116e+02	7.9604e+00	-2.4522e+00
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.2471e+02	6.4848e+00	1.0816e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.1004e+02	4.9297e+00	6.9141e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.1385e+02	7.1404e+00	5.0271e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.2877e+02	9.3249e+00	8.9287e+00
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.1748e+02	-8.6424e-01	1.1956e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.0357e+02	-1.6235e+00	6.7117e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.0835e+02	2.1013e+00	5.4633e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.2329e+02	3.8161e+00	1.0708e+01
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.1034e+02	-8.7370e+00	1.0888e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	-9.7298e+01	-8.2356e+00	5.9181e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.0163e+02	-4.7999e+00	5.7450e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.1603e+02	-3.9555e+00	1.0715e+01
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	-1.0512e+02	-1.4512e+01	7.5916e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	-9.2631e+01	-1.2981e+01	4.0900e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	-9.5612e+01	-1.0814e+01	5.0803e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.0921e+02	-1.1246e+01	8.5819e+00
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.0288e+02	-1.6645e+01	2.8590e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	-9.0438e+01	-1.4769e+01	1.4945e+00

	522	0.0000e+00	0.0000e+00	0.0000e+00	-9.1622e+01	-1.4329e+01	3.1952e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	-1.0445e+02	-1.5824e+01	4.5598e+00
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	-1.0394e+02	-1.4637e+01	-2.0511e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	-9.1050e+01	-1.3246e+01	-1.0900e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	-9.0318e+01	-1.4620e+01	5.5921e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.0274e+02	-1.6498e+01	-4.0187e-01
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	-1.0795e+02	-8.9426e+00	-5.8471e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	-9.4259e+01	-8.7047e+00	-2.8307e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	-9.1808e+01	-1.1643e+01	-1.9871e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	-1.0431e+02	-1.3077e+01	-5.0035e+00
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	-1.1384e+02	-1.0355e+00	-7.6183e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	-9.9313e+01	-2.1179e+00	-3.2955e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	-9.5659e+01	-5.9991e+00	-3.6793e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	-1.0877e+02	-6.3209e+00	-8.0021e+00
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	-1.1986e+02	6.5644e+00	-7.2099e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	-1.0482e+02	4.6610e+00	-2.8406e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	-1.0091e+02	9.7148e-01	-4.2900e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	-1.1496e+02	1.9406e+00	-8.6594e+00
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	-1.2400e+02	1.0849e+01	-5.2235e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	-1.0873e+02	8.7341e+00	-2.4100e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	-1.0609e+02	7.0769e+00	-4.3597e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	-1.2096e+02	8.8255e+00	-7.1732e+00
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.4673e+02	9.4600e+00	1.7610e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.3143e+02	6.2192e+00	1.3199e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.3560e+02	8.9073e+00	9.2307e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.5147e+02	1.3531e+01	1.3642e+01
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.3816e+02	-8.5969e-01	2.0283e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.2384e+02	-1.6221e+00	1.4015e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.2907e+02	2.8537e+00	1.2068e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.4559e+02	5.9512e+00	1.8335e+01
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.2963e+02	-1.2000e+01	1.8282e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.1600e+02	-1.0152e+01	1.2142e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.2111e+02	-5.6291e+00	1.2803e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.3691e+02	-5.0903e+00	1.8942e+01
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.2343e+02	-2.0231e+01	1.2234e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	-1.1004e+02	-1.6589e+01	7.8824e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.1369e+02	-1.3507e+01	1.0738e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.2856e+02	-1.5525e+01	1.5090e+01
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.2088e+02	-2.3381e+01	3.8591e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.0729e+02	-1.9135e+01	2.2164e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	-1.0871e+02	-1.8374e+01	6.2448e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.2277e+02	-2.2111e+01	7.8875e+00
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.2238e+02	-2.0733e+01	-4.7795e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	-1.0821e+02	-1.7169e+01	-3.4572e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.0719e+02	-1.8954e+01	4.8602e-01
	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.2074e+02	-2.3205e+01	-8.3623e-01
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.2757e+02	-1.2824e+01	-1.1633e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	-1.1250e+02	-1.1145e+01	-7.6734e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	-1.0933e+02	-1.5067e+01	-5.0688e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.2275e+02	-1.8549e+01	-9.0282e+00
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.3514e+02	-1.6238e+00	-1.4899e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	-1.1905e+02	-2.6237e+00	-9.3087e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	-1.1457e+02	-7.6059e+00	-9.0374e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.2833e+02	-9.1433e+00	-1.4628e+01
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.4271e+02	9.2318e+00	-1.3569e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	-1.2589e+02	5.6769e+00	-8.1071e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	-1.2148e+02	1.3273e+00	-1.0489e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.3609e+02	2.4935e+00	-1.5951e+01
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.4740e+02	1.5241e+01	-8.3221e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	-1.3067e+02	1.0469e+01	-5.0234e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	-1.2783e+02	8.5766e+00	-9.2906e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.4359e+02	1.2262e+01	-1.2589e+01
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	-1.6371e+02	1.5521e+01	2.5364e+01



	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.5368e+02	1.0281e+01	2.0290e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.5834e+02	1.4341e+01	1.3829e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-1.6929e+02	2.1906e+01	1.8902e+01
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	-1.5341e+02	-8.4622e-01	3.0305e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.4439e+02	-1.2846e+00	2.2529e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.5045e+02	5.5527e+00	1.9991e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-1.6305e+02	1.0144e+01	2.7767e+01
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.4360e+02	-1.7771e+01	2.6949e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.3463e+02	-1.3883e+01	1.9494e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.4068e+02	-6.9032e+00	2.1611e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-1.5260e+02	-7.2117e+00	2.9067e+01
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	-1.3689e+02	-2.9783e+01	1.7384e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.2737e+02	-2.3256e+01	1.2298e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.3168e+02	-1.8435e+01	1.7849e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.4283e+02	-2.2909e+01	2.2934e+01
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.3431e+02	-3.4376e+01	4.6753e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.2415e+02	-2.6947e+01	2.8473e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.2578e+02	-2.5615e+01	1.0055e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-1.3637e+02	-3.2472e+01	1.1884e+01
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	-1.3615e+02	-3.0852e+01	-8.3409e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.2540e+02	-2.4218e+01	-6.7042e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.2407e+02	-2.6720e+01	3.9637e-01
	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.3418e+02	-3.4159e+01	-1.2402e+00
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	-1.4224e+02	-1.9672e+01	-1.8967e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.3080e+02	-1.5657e+01	-1.4113e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.2684e+02	-2.1442e+01	-8.8919e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	-1.3640e+02	-2.7773e+01	-1.3746e+01
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	-1.5156e+02	-2.9333e+00	-2.4335e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.3913e+02	-3.3179e+00	-1.7224e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.3358e+02	-1.0815e+01	-1.5663e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	-1.4276e+02	-1.4294e+01	-2.2774e+01
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	-1.6125e+02	1.4359e+01	-2.1970e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.4801e+02	8.9497e+00	-1.4789e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.4264e+02	2.3367e+00	-1.8040e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	-1.5213e+02	3.3700e+00	-2.5221e+01
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	-1.6673e+02	2.4241e+01	-1.2065e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.5416e+02	1.6133e+01	-7.9773e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.5089e+02	1.3206e+01	-1.5101e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	-1.6174e+02	1.9215e+01	-1.9188e+01
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	-1.6353e+02	2.6211e+01	3.4330e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-1.6854e+02	1.8388e+01	2.8468e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-1.7359e+02	2.5100e+01	1.8588e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-1.7032e+02	3.6856e+01	2.4451e+01
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	-1.5196e+02	-1.2996e+00	4.1910e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-1.5692e+02	-5.8156e-01	3.2396e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-1.6391e+02	1.1084e+01	2.9906e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-1.6418e+02	1.6737e+01	3.9419e+01
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	-1.4265e+02	-2.6787e+01	3.5845e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.4534e+02	-2.0124e+01	2.7699e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-1.5218e+02	-8.6191e+00	3.2481e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-1.5226e+02	-1.1433e+01	4.0627e+01
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	-1.3717e+02	-4.3592e+01	2.2038e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-1.3745e+02	-3.3743e+01	1.7017e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.4209e+02	-2.6049e+01	2.6171e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-1.4267e+02	-3.4343e+01	3.1193e+01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	-1.3534e+02	-4.9900e+01	5.0190e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.3422e+02	-3.8858e+01	3.3439e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	-1.3587e+02	-3.6627e+01	1.4326e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-1.3708e+02	-4.7350e+01	1.6001e+01
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	-1.3706e+02	-4.5494e+01	-1.2246e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	-1.3567e+02	-3.4994e+01	-1.0599e+01
	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.3416e+02	-3.8578e+01	2.7611e-01
	477	0.0000e+00	0.0000e+00	0.0000e+00	-1.3524e+02	-4.9632e+01	-1.3702e+00

2088 475 0.0000e+00 0.0000e+00 0.0000e+00 -1.4259e+02 -3.0542e+01 -2.7036e+01  
486 0.0000e+00 0.0000e+00 0.0000e+00 -1.4163e+02 -2.2735e+01 -2.2024e+01  
487 0.0000e+00 0.0000e+00 0.0000e+00 -1.3716e+02 -3.1575e+01 -1.3211e+01  
476 0.0000e+00 0.0000e+00 0.0000e+00 -1.3695e+02 -4.1234e+01 -1.8222e+01

2089 474 0.0000e+00 0.0000e+00 0.0000e+00 -1.5223e+02 -6.1755e+00 -3.5677e+01  
485 0.0000e+00 0.0000e+00 0.0000e+00 -1.5143e+02 -4.2133e+00 -2.7538e+01  
486 0.0000e+00 0.0000e+00 0.0000e+00 -1.4483e+02 -1.6367e+01 -2.3400e+01  
475 0.0000e+00 0.0000e+00 0.0000e+00 -1.4240e+02 -2.2605e+01 -3.1539e+01

2090 473 0.0000e+00 0.0000e+00 0.0000e+00 -1.6409e+02 2.2320e+01 -3.3154e+01  
484 0.0000e+00 0.0000e+00 0.0000e+00 -1.6277e+02 1.5439e+01 -2.3793e+01  
485 0.0000e+00 0.0000e+00 0.0000e+00 -1.5616e+02 4.0461e+00 -2.7262e+01  
474 0.0000e+00 0.0000e+00 0.0000e+00 -1.5181e+02 4.0398e+00 -3.6622e+01

2091 472 0.0000e+00 0.0000e+00 0.0000e+00 -1.7032e+02 4.0437e+01 -1.6560e+01  
483 0.0000e+00 0.0000e+00 0.0000e+00 -1.7103e+02 2.7567e+01 -1.1283e+01  
484 0.0000e+00 0.0000e+00 0.0000e+00 -1.6726e+02 2.2374e+01 -2.2296e+01  
473 0.0000e+00 0.0000e+00 0.0000e+00 -1.6343e+02 3.1330e+01 -2.7574e+01

2092 470 0.0000e+00 0.0000e+00 0.0000e+00 -1.2709e+02 4.2017e+01 4.4577e+01  
481 0.0000e+00 0.0000e+00 0.0000e+00 -1.6300e+02 3.2574e+01 3.7552e+01  
482 0.0000e+00 0.0000e+00 0.0000e+00 -1.6845e+02 4.4413e+01 2.3021e+01  
471 0.0000e+00 0.0000e+00 0.0000e+00 -1.3582e+02 6.3768e+01 3.0046e+01

2093 469 0.0000e+00 0.0000e+00 0.0000e+00 -1.1840e+02 -6.4628e+00 5.2562e+01  
480 0.0000e+00 0.0000e+00 0.0000e+00 -1.4828e+02 -6.6299e-01 4.2332e+01  
481 0.0000e+00 0.0000e+00 0.0000e+00 -1.5617e+02 2.0150e+01 4.2328e+01  
470 0.0000e+00 0.0000e+00 0.0000e+00 -1.3116e+02 2.5959e+01 5.2558e+01

2094 468 0.0000e+00 0.0000e+00 0.0000e+00 -1.1565e+02 -4.1073e+01 4.1030e+01  
479 0.0000e+00 0.0000e+00 0.0000e+00 -1.3718e+02 -3.0107e+01 3.5112e+01  
480 0.0000e+00 0.0000e+00 0.0000e+00 -1.4390e+02 -1.1434e+01 4.4257e+01  
469 0.0000e+00 0.0000e+00 0.0000e+00 -1.2087e+02 -1.8592e+01 5.0176e+01

2095 467 0.0000e+00 0.0000e+00 0.0000e+00 -1.1531e+02 -6.1762e+01 2.3807e+01  
478 0.0000e+00 0.0000e+00 0.0000e+00 -1.3138e+02 -4.8438e+01 2.0936e+01  
479 0.0000e+00 0.0000e+00 0.0000e+00 -1.3519e+02 -3.6855e+01 3.3877e+01  
468 0.0000e+00 0.0000e+00 0.0000e+00 -1.1729e+02 -4.9177e+01 3.6748e+01

2096 466 0.0000e+00 0.0000e+00 0.0000e+00 -1.1567e+02 -6.9041e+01 4.4655e+00  
477 0.0000e+00 0.0000e+00 0.0000e+00 -1.2943e+02 -5.4837e+01 3.6556e+00  
478 0.0000e+00 0.0000e+00 0.0000e+00 -1.3064e+02 -5.1461e+01 1.7934e+01  
467 0.0000e+00 0.0000e+00 0.0000e+00 -1.1610e+02 -6.5554e+01 1.8744e+01

2097 465 0.0000e+00 0.0000e+00 0.0000e+00 -1.1628e+02 -6.3480e+01 -1.5020e+01  
476 0.0000e+00 0.0000e+00 0.0000e+00 -1.3065e+02 -4.9605e+01 -1.4062e+01  
477 0.0000e+00 0.0000e+00 0.0000e+00 -1.2938e+02 -5.4508e+01 1.4176e-01  
466 0.0000e+00 0.0000e+00 0.0000e+00 -1.1561e+02 -6.8781e+01 -8.1683e-01

2098 464 0.0000e+00 0.0000e+00 0.0000e+00 -1.1771e+02 -4.4909e+01 -3.2769e+01  
475 0.0000e+00 0.0000e+00 0.0000e+00 -1.3526e+02 -3.3002e+01 -2.9671e+01  
476 0.0000e+00 0.0000e+00 0.0000e+00 -1.3134e+02 -4.5936e+01 -1.6979e+01  
465 0.0000e+00 0.0000e+00 0.0000e+00 -1.1538e+02 -5.9181e+01 -2.0078e+01

2099 463 0.0000e+00 0.0000e+00 0.0000e+00 -1.2186e+02 -1.2470e+01 -4.5661e+01  
474 0.0000e+00 0.0000e+00 0.0000e+00 -1.4418e+02 -6.0732e+00 -3.9347e+01  
475 0.0000e+00 0.0000e+00 0.0000e+00 -1.3728e+02 -2.5649e+01 -3.0721e+01  
464 0.0000e+00 0.0000e+00 0.0000e+00 -1.1602e+02 -3.6347e+01 -3.7035e+01

2100 462 0.0000e+00 0.0000e+00 0.0000e+00 -1.3326e+02 3.3241e+01 -4.6892e+01  
473 0.0000e+00 0.0000e+00 0.0000e+00 -1.5688e+02 2.5856e+01 -3.6035e+01  
474 0.0000e+00 0.0000e+00 0.0000e+00 -1.4880e+02 5.2155e+00 -3.7113e+01  
463 0.0000e+00 0.0000e+00 0.0000e+00 -1.1943e+02 -3.4658e-02 -4.7970e+01

2101 461 0.0000e+00 0.0000e+00 0.0000e+00 -1.3928e+02 6.9121e+01 -2.2077e+01  
472 0.0000e+00 0.0000e+00 0.0000e+00 -1.6856e+02 4.8197e+01 -1.4914e+01  
473 0.0000e+00 0.0000e+00 0.0000e+00 -1.6400e+02 3.8211e+01 -3.1104e+01  
462 0.0000e+00 0.0000e+00 0.0000e+00 -1.2938e+02 4.9371e+01 -3.8267e+01

2102 458 0.0000e+00 0.0000e+00 0.0000e+00 -1.9843e+01 7.3801e+01 5.4543e+01  
470 0.0000e+00 0.0000e+00 0.0000e+00 -1.1687e+02 5.3917e+01 4.8472e+01  
471 0.0000e+00 0.0000e+00 0.0000e+00 -1.1945e+02 7.9247e+01 2.7911e+01  
460 0.0000e+00 0.0000e+00 0.0000e+00 -2.9512e+01 1.0011e+02 3.3981e+01

2103 456 0.0000e+00 0.0000e+00 0.0000e+00 -3.6906e+01 -7.4284e-01 4.9981e+01  
469 0.0000e+00 0.0000e+00 0.0000e+00 -1.0321e+02 -8.0204e+00 5.0320e+01  
470 0.0000e+00 0.0000e+00 0.0000e+00 -1.0167e+02 3.3077e+01 5.9683e+01

	458	0.0000e+00	0.0000e+00	0.0000e+00	-3.7754e+01	7.2438e+00	5.9344e+01
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	-5.2722e+01	-4.7885e+01	3.5155e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-1.0099e+02	-4.5331e+01	3.8953e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-9.9910e+01	-1.6506e+01	5.3241e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	-4.6137e+01	-4.2267e+01	4.9442e+01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	-6.3197e+01	-7.5336e+01	1.9413e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-1.0200e+02	-6.6550e+01	2.2366e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-1.0033e+02	-5.0255e+01	3.7851e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	-5.8905e+01	-7.2158e+01	3.4898e+01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	-6.7841e+01	-8.7184e+01	2.3757e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	-1.0260e+02	-7.3358e+01	3.5124e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	-1.0192e+02	-6.8638e+01	1.9484e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-6.6230e+01	-8.6465e+01	1.8348e+01
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	-6.6671e+01	-8.4760e+01	-1.4943e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-1.0208e+02	-6.6620e+01	-1.5776e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-1.0263e+02	-7.3016e+01	1.6535e-01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-6.7799e+01	-8.6468e+01	9.9812e-01
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	-5.9861e+01	-6.8126e+01	-3.1440e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-1.0082e+02	-4.6010e+01	-3.3992e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-1.0225e+02	-6.3857e+01	-1.8606e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-6.3579e+01	-7.2235e+01	-1.6054e+01
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	-4.7904e+01	-3.6154e+01	-4.5886e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-1.0105e+02	-1.0353e+01	-4.9056e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-1.0166e+02	-4.0438e+01	-3.4967e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-5.3697e+01	-4.2561e+01	-3.1797e+01
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	-4.1069e+01	1.5077e+01	-5.5539e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	-1.0415e+02	4.0482e+01	-5.4735e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-1.0475e+02	-1.2448e+00	-4.5833e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-3.8839e+01	6.5173e+00	-4.6636e+01
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	-3.7601e+01	1.1122e+02	-2.7832e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-1.2325e+02	8.4957e+01	-1.9431e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	-1.2066e+02	6.2369e+01	-4.2936e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	-2.3240e+01	8.2688e+01	-5.1336e+01
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	1.4211e+02	-1.4357e+02	-1.0870e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	6.3845e+01	7.0533e+01	1.1077e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	-6.8095e+01	1.3580e+02	3.3289e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	3.1835e+02	3.0588e+02	1.1342e+01
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	8.0527e+01	-1.4395e+02	3.9645e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	2.0951e+01	-1.5007e+01	2.5290e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	6.8367e+00	3.2603e+01	2.8571e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	1.3768e+02	1.5505e+02	7.2457e+00
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	4.2066e+01	-1.4541e+02	7.3537e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	-1.0124e+01	-5.5988e+01	2.0456e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	-1.9602e+01	-2.9022e+01	2.4801e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	7.7990e+01	5.1789e+01	1.1698e+01
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	2.1087e+01	-1.3456e+02	5.4947e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	-2.9875e+01	-8.0222e+01	1.2752e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	-3.4779e+01	-6.5714e+01	1.9038e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	4.0639e+01	-2.3836e+01	1.1780e+01
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	1.4065e+01	-1.1062e+02	5.9244e-01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-4.0333e+01	-8.8988e+01	3.1742e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	-4.1397e+01	-8.4782e+01	1.0586e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	2.0340e+01	-7.7843e+01	8.0040e+00
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	1.9832e+01	-7.1962e+01	-4.9545e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	-4.2459e+01	-8.2968e+01	-6.6695e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	-3.9797e+01	-8.8409e+01	7.7190e-01
	451	0.0000e+00	0.0000e+00	0.0000e+00	1.3709e+01	-1.1416e+02	2.4869e+00
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	3.9173e+01	-1.6000e+01	-8.8803e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	-3.6432e+01	-6.1603e+01	-1.5220e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-2.9921e+01	-7.7279e+01	-8.8399e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	1.9867e+01	-1.3552e+02	-2.5007e+00
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	7.5373e+01	6.1048e+01	-9.0787e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	-2.2042e+01	-2.2839e+01	-2.1156e+01

	446	0.0000e+00	0.0000e+00	0.0000e+00	-1.0933e+01	-5.0847e+01	-1.6642e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	3.9888e+01	-1.4368e+02	-4.5646e+00
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	1.3369e+02	1.6498e+02	-5.0626e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	3.3007e+00	4.0625e+01	-2.5231e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	1.9067e+01	-8.0285e+00	-2.1648e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	7.7214e+01	-1.3949e+02	-1.4805e+00
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	3.1489e+02	3.1545e+02	-1.1038e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-7.6208e+01	1.4758e+02	-3.1273e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	6.0581e+01	7.9153e+01	-7.2182e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	1.3726e+02	-1.3639e+02	1.3017e+01
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	-7.6654e+01	1.0489e+01	-4.1557e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	-7.8949e+01	3.1467e+00	-2.6731e+00
	16	0.0000e+00	0.0000e+00	0.0000e+00	-6.4917e+01	2.9054e+01	-1.1706e+00
	431	0.0000e+00	0.0000e+00	0.0000e+00	-8.7694e+01	1.8735e+01	-2.6532e+00
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	-7.7552e+01	-1.5687e+00	-4.8315e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	-8.2148e+01	-1.2385e+00	-4.4131e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	-8.1720e+01	5.9099e+00	-4.2548e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	-7.7136e+01	5.9265e+00	-4.6732e+00
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	-7.6873e+01	-7.3537e+00	-3.4125e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	-8.1976e+01	-7.7444e+00	-4.3277e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	-8.2872e+01	-3.0504e+00	-4.5965e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	-7.7824e+01	-2.9084e+00	-3.6813e+00
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	-7.5781e+01	-1.1562e+01	-1.9443e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	-8.1005e+01	-1.2417e+01	-2.9487e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	-8.2134e+01	-9.3224e+00	-3.6573e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	-7.6679e+01	-8.7729e+00	-2.6529e+00
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	-7.5395e+01	-1.3753e+01	-3.6345e-01
	436	0.0000e+00	0.0000e+00	0.0000e+00	-8.0720e+01	-1.4834e+01	-6.4639e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	-8.1061e+01	-1.3413e+01	-1.6637e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	-7.5625e+01	-1.2479e+01	-1.3807e+00
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	-7.6228e+01	-1.3589e+01	1.2001e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	-8.1680e+01	-1.4600e+01	1.9438e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	-8.0885e+01	-1.4994e+01	8.7833e-01
	426	0.0000e+00	0.0000e+00	0.0000e+00	-7.5522e+01	-1.3894e+01	1.3462e-01
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	-7.8093e+01	-1.0942e+01	2.6190e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	-8.3627e+01	-1.1654e+01	4.1615e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	-8.1961e+01	-1.3885e+01	3.3133e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	-7.6646e+01	-1.2916e+01	1.7707e+00
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	-8.0211e+01	-5.6982e+00	3.8777e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	-8.5395e+01	-6.0622e+00	5.4692e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	-8.3820e+01	-1.0241e+01	4.9875e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	-7.8575e+01	-9.6508e+00	3.3960e+00
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	-8.0596e+01	3.2440e+00	5.1491e+00
	432	0.0000e+00	0.0000e+00	0.0000e+00	-8.5517e+01	3.0021e+00	5.5626e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	-8.5024e+01	-4.2225e+00	5.4885e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	-8.0254e+01	-4.3175e+00	5.0749e+00
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	-9.3614e+01	1.6776e+01	2.9203e+00
	15	0.0000e+00	0.0000e+00	0.0000e+00	-6.9010e+01	2.8427e+01	2.4838e+00
	432	0.0000e+00	0.0000e+00	0.0000e+00	-8.2939e+01	5.8833e-02	4.1045e+00
	422	0.0000e+00	0.0000e+00	0.0000e+00	-8.0567e+01	8.4986e+00	4.5410e+00
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	-8.7963e+01	9.1903e+00	-1.9835e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	-8.0287e+01	1.0654e+01	-4.7613e+00
	431	0.0000e+00	0.0000e+00	0.0000e+00	-8.3587e+01	1.5196e+01	-2.3565e+00
	420	0.0000e+00	0.0000e+00	0.0000e+00	-9.0270e+01	1.1894e+01	4.2137e-01
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	-8.2823e+01	5.9429e-01	-1.7546e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	-7.8524e+01	6.5471e-02	-4.4756e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	-8.1144e+01	4.6211e+00	-5.3942e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	-8.5695e+01	5.9129e+00	-2.6732e+00
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	-7.9340e+01	-5.8582e+00	-9.2672e-01
	428	0.0000e+00	0.0000e+00	0.0000e+00	-7.6819e+01	-6.5343e+00	-2.9657e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	-7.8261e+01	-2.9771e+00	-4.0459e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	-8.2013e+01	-1.5125e+00	-2.0069e+00
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	-7.7189e+01	-1.0364e+01	-3.8295e-01

	427	0.0000e+00	0.0000e+00	0.0000e+00	-7.5382e+01	-1.0924e+01	-1.7872e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	-7.6495e+01	-8.4644e+00	-2.5871e+00
	417	0.0000e+00	0.0000e+00	0.0000e+00	-7.8910e+01	-7.4391e+00	-1.1828e+00
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	-7.6519e+01	-1.2611e+01	-1.8924e-01
	426	0.0000e+00	0.0000e+00	0.0000e+00	-7.4920e+01	-1.3176e+01	-5.7947e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	-7.5219e+01	-1.1999e+01	-1.2225e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	-7.7008e+01	-1.1290e+01	-8.3223e-01
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	-7.7576e+01	-1.2348e+01	-8.5302e-02
	425	0.0000e+00	0.0000e+00	0.0000e+00	-7.5803e+01	-1.3076e+01	7.4014e-01
	426	0.0000e+00	0.0000e+00	0.0000e+00	-7.5063e+01	-1.3320e+01	8.2653e-02
	415	0.0000e+00	0.0000e+00	0.0000e+00	-7.6649e+01	-1.2746e+01	-7.4279e-01
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	-8.0272e+01	-9.4965e+00	2.8373e-01
	424	0.0000e+00	0.0000e+00	0.0000e+00	-7.7897e+01	-1.0574e+01	2.2056e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	-7.6263e+01	-1.2249e+01	1.3606e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	-7.8027e+01	-1.1651e+01	-5.6132e-01
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	-8.4368e+01	-4.1386e+00	1.1366e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	-8.0653e+01	-5.6921e+00	3.8508e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	-7.8544e+01	-8.7673e+00	2.6915e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	-8.1000e+01	-8.0235e+00	-2.2574e-02
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	-8.9257e+01	3.3418e+00	1.8167e+00
	422	0.0000e+00	0.0000e+00	0.0000e+00	-8.4862e+01	1.9672e+00	5.4431e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	-8.1272e+01	-2.5479e+00	4.4455e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	-8.5527e+01	-1.9454e+00	8.1910e-01
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	-9.5316e+01	1.0076e+01	-1.2814e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	-8.8446e+01	1.3222e+01	2.4315e+00
	422	0.0000e+00	0.0000e+00	0.0000e+00	-8.4323e+01	8.5461e+00	4.8107e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	-9.1946e+01	6.9769e+00	1.0978e+00
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	-1.0130e+02	7.9875e+00	2.4893e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	-9.0135e+01	7.8998e+00	-1.7148e-01
	420	0.0000e+00	0.0000e+00	0.0000e+00	-9.2938e+01	1.0273e+01	7.9716e-03
	409	0.0000e+00	0.0000e+00	0.0000e+00	-1.0387e+02	9.8294e+00	2.6688e+00
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	-9.5996e+01	1.5960e+00	2.9055e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	-8.5792e+01	6.7018e-01	-8.7067e-01
	419	0.0000e+00	0.0000e+00	0.0000e+00	-8.9551e+01	5.0462e+00	-1.6587e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	-9.9860e+01	5.6821e+00	2.1175e+00
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	-9.1021e+01	-5.2983e+00	2.9316e+00
	417	0.0000e+00	0.0000e+00	0.0000e+00	-8.2064e+01	-5.7285e+00	-3.4496e-01
	418	0.0000e+00	0.0000e+00	0.0000e+00	-8.4869e+01	-2.1384e+00	-1.1733e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	-9.4830e+01	-9.2679e-01	2.1032e+00
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	-8.7654e+01	-1.0597e+01	1.9564e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	-7.9460e+01	-1.0473e+01	-2.2628e-01
	417	0.0000e+00	0.0000e+00	0.0000e+00	-8.1222e+01	-7.9794e+00	-5.0313e-01
	406	0.0000e+00	0.0000e+00	0.0000e+00	-9.0299e+01	-7.3069e+00	1.6795e+00
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	-8.6519e+01	-1.3269e+01	1.2762e-01
	415	0.0000e+00	0.0000e+00	0.0000e+00	-7.8523e+01	-1.2944e+01	-5.2925e-01
	416	0.0000e+00	0.0000e+00	0.0000e+00	-7.9012e+01	-1.1762e+01	-3.6448e-01
	405	0.0000e+00	0.0000e+00	0.0000e+00	-8.7355e+01	-1.1764e+01	2.9239e-01
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	-8.7878e+01	-1.2864e+01	-1.9076e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	-7.9572e+01	-1.2813e+01	-8.4453e-01
	415	0.0000e+00	0.0000e+00	0.0000e+00	-7.8649e+01	-1.3087e+01	-6.5659e-01
	404	0.0000e+00	0.0000e+00	0.0000e+00	-8.6655e+01	-1.3408e+01	-1.7196e+00
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	-9.1582e+01	-9.4437e+00	-3.4201e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	-8.2564e+01	-1.0029e+01	-7.4291e-01
	414	0.0000e+00	0.0000e+00	0.0000e+00	-8.0284e+01	-1.1768e+01	-9.5505e-01
	403	0.0000e+00	0.0000e+00	0.0000e+00	-8.8459e+01	-1.1933e+01	-3.6323e+00
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	-9.7077e+01	-3.6510e+00	-4.0496e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	-8.7190e+01	-4.7556e+00	-1.1053e-01
	413	0.0000e+00	0.0000e+00	0.0000e+00	-8.3704e+01	-7.8966e+00	-8.4638e-01
	402	0.0000e+00	0.0000e+00	0.0000e+00	-9.2613e+01	-7.5430e+00	-4.7855e+00
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	-1.0334e+02	3.0391e+00	-4.2942e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	-9.3094e+01	2.4912e+00	3.5826e-01
	412	0.0000e+00	0.0000e+00	0.0000e+00	-8.8461e+01	-1.8718e+00	-3.4150e-01
	401	0.0000e+00	0.0000e+00	0.0000e+00	-9.8582e+01	-1.0328e+00	-4.9940e+00

2151 399 0.0000e+00 0.0000e+00 0.0000e+00 -1.0874e+02 8.0765e+00 -4.9519e+00  
410 0.0000e+00 0.0000e+00 0.0000e+00 -9.7886e+01 8.4589e+00 -1.2708e+00  
411 0.0000e+00 0.0000e+00 0.0000e+00 -9.4073e+01 5.6904e+00 -1.0795e+00  
400 0.0000e+00 0.0000e+00 0.0000e+00 -1.0512e+02 5.6936e+00 -4.7607e+00

2152 397 0.0000e+00 0.0000e+00 0.0000e+00 -1.2115e+02 8.8977e+00 7.2350e+00  
408 0.0000e+00 0.0000e+00 0.0000e+00 -1.0625e+02 7.1150e+00 4.4031e+00  
409 0.0000e+00 0.0000e+00 0.0000e+00 -1.0891e+02 8.7859e+00 2.4209e+00  
398 0.0000e+00 0.0000e+00 0.0000e+00 -1.2421e+02 1.0932e+01 5.2528e+00

2153 396 0.0000e+00 0.0000e+00 0.0000e+00 -1.1511e+02 1.9908e+00 8.7642e+00  
407 0.0000e+00 0.0000e+00 0.0000e+00 -1.0104e+02 9.9653e-01 4.3728e+00  
408 0.0000e+00 0.0000e+00 0.0000e+00 -1.0497e+02 4.6903e+00 2.8936e+00  
397 0.0000e+00 0.0000e+00 0.0000e+00 -1.2005e+02 6.6276e+00 7.2849e+00

2154 395 0.0000e+00 0.0000e+00 0.0000e+00 -1.0889e+02 -6.2938e+00 8.1356e+00  
406 0.0000e+00 0.0000e+00 0.0000e+00 -9.5762e+01 -5.9846e+00 3.7873e+00  
407 0.0000e+00 0.0000e+00 0.0000e+00 -9.9435e+01 -2.1016e+00 3.3845e+00  
396 0.0000e+00 0.0000e+00 0.0000e+00 -1.1399e+02 -9.9413e-01 7.7328e+00

2155 394 0.0000e+00 0.0000e+00 0.0000e+00 -1.0439e+02 -1.3075e+01 5.1485e+00  
405 0.0000e+00 0.0000e+00 0.0000e+00 -9.1875e+01 -1.1642e+01 2.1040e+00  
406 0.0000e+00 0.0000e+00 0.0000e+00 -9.4348e+01 -8.7003e+00 2.9406e+00  
395 0.0000e+00 0.0000e+00 0.0000e+00 -1.0806e+02 -8.9255e+00 5.9851e+00

2156 393 0.0000e+00 0.0000e+00 0.0000e+00 -1.0277e+02 -1.6526e+01 5.4139e-01  
404 0.0000e+00 0.0000e+00 0.0000e+00 -9.0348e+01 -1.4639e+01 -4.4760e-01  
405 0.0000e+00 0.0000e+00 0.0000e+00 -9.1103e+01 -1.3257e+01 1.2059e+00  
394 0.0000e+00 0.0000e+00 0.0000e+00 -1.0401e+02 -1.4647e+01 2.1949e+00

2157 392 0.0000e+00 0.0000e+00 0.0000e+00 -1.0445e+02 -1.5884e+01 -4.4426e+00  
403 0.0000e+00 0.0000e+00 0.0000e+00 -9.1620e+01 -1.4368e+01 -3.1024e+00  
404 0.0000e+00 0.0000e+00 0.0000e+00 -9.0455e+01 -1.4799e+01 -1.3861e+00  
393 0.0000e+00 0.0000e+00 0.0000e+00 -1.0291e+02 -1.6685e+01 -2.7264e+00

2158 391 0.0000e+00 0.0000e+00 0.0000e+00 -1.0918e+02 -1.1339e+01 -8.5054e+00  
402 0.0000e+00 0.0000e+00 0.0000e+00 -9.5588e+01 -1.0874e+01 -5.0212e+00  
403 0.0000e+00 0.0000e+00 0.0000e+00 -9.2619e+01 -1.3031e+01 -4.0031e+00  
392 0.0000e+00 0.0000e+00 0.0000e+00 -1.0512e+02 -1.4584e+01 -7.4873e+00

2159 390 0.0000e+00 0.0000e+00 0.0000e+00 -1.1599e+02 -4.0830e+00 -1.0698e+01  
401 0.0000e+00 0.0000e+00 0.0000e+00 -1.0160e+02 -4.8805e+00 -5.7367e+00  
402 0.0000e+00 0.0000e+00 0.0000e+00 -9.7267e+01 -8.3052e+00 -5.8688e+00  
391 0.0000e+00 0.0000e+00 0.0000e+00 -1.1031e+02 -8.8409e+00 -1.0831e+01

2160 389 0.0000e+00 0.0000e+00 0.0000e+00 -1.2326e+02 3.6601e+00 -1.0766e+01  
400 0.0000e+00 0.0000e+00 0.0000e+00 -1.0831e+02 1.9974e+00 -5.5199e+00  
401 0.0000e+00 0.0000e+00 0.0000e+00 -1.0354e+02 -1.7115e+00 -6.7180e+00  
390 0.0000e+00 0.0000e+00 0.0000e+00 -1.1744e+02 -9.9973e-01 -1.1964e+01

2161 388 0.0000e+00 0.0000e+00 0.0000e+00 -1.2876e+02 9.1539e+00 -9.0624e+00  
399 0.0000e+00 0.0000e+00 0.0000e+00 -1.1383e+02 7.0114e+00 -5.1466e+00  
400 0.0000e+00 0.0000e+00 0.0000e+00 -1.1001e+02 4.8201e+00 -6.9862e+00  
389 0.0000e+00 0.0000e+00 0.0000e+00 -1.2467e+02 6.3232e+00 -1.0902e+01

2162 386 0.0000e+00 0.0000e+00 0.0000e+00 -1.4383e+02 1.2387e+01 1.2680e+01  
397 0.0000e+00 0.0000e+00 0.0000e+00 -1.2804e+02 8.6612e+00 9.3630e+00  
398 0.0000e+00 0.0000e+00 0.0000e+00 -1.3090e+02 1.0563e+01 5.0542e+00  
387 0.0000e+00 0.0000e+00 0.0000e+00 -1.4766e+02 1.5377e+01 8.3716e+00

2163 385 0.0000e+00 0.0000e+00 0.0000e+00 -1.3629e+02 2.5849e+00 1.6097e+01  
396 0.0000e+00 0.0000e+00 0.0000e+00 -1.2166e+02 1.3890e+00 1.0606e+01  
397 0.0000e+00 0.0000e+00 0.0000e+00 -1.2609e+02 5.7497e+00 8.1884e+00  
386 0.0000e+00 0.0000e+00 0.0000e+00 -1.4294e+02 9.3446e+00 1.3679e+01

2164 384 0.0000e+00 0.0000e+00 0.0000e+00 -1.2848e+02 -9.0939e+00 1.4808e+01  
395 0.0000e+00 0.0000e+00 0.0000e+00 -1.1471e+02 -7.5715e+00 9.1833e+00  
396 0.0000e+00 0.0000e+00 0.0000e+00 -1.1921e+02 -2.5772e+00 9.4323e+00  
385 0.0000e+00 0.0000e+00 0.0000e+00 -1.3533e+02 -1.5485e+00 1.5057e+01

2165 383 0.0000e+00 0.0000e+00 0.0000e+00 -1.2285e+02 -1.8545e+01 9.2205e+00  
394 0.0000e+00 0.0000e+00 0.0000e+00 -1.0942e+02 -1.5063e+01 5.2255e+00  
395 0.0000e+00 0.0000e+00 0.0000e+00 -1.1262e+02 -1.1127e+01 7.8225e+00  
384 0.0000e+00 0.0000e+00 0.0000e+00 -1.2771e+02 -1.2793e+01 1.1818e+01

2166 382 0.0000e+00 0.0000e+00 0.0000e+00 -1.2079e+02 -2.3249e+01 1.0200e+00  
393 0.0000e+00 0.0000e+00 0.0000e+00 -1.0723e+02 -1.8985e+01 -3.3674e-01  
394 0.0000e+00 0.0000e+00 0.0000e+00 -1.0828e+02 -1.7183e+01 3.6129e+00

	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.2247e+02	-2.0747e+01	4.9697e+00
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.2278e+02	-2.2205e+01	-7.7327e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	-1.0871e+02	-1.8441e+01	-6.1211e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	-1.0731e+02	-1.9183e+01	-2.0722e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.2093e+02	-2.3443e+01	-3.6838e+00
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.2854e+02	-1.5674e+01	-1.4986e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.1366e+02	-1.3614e+01	-1.0659e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	-1.1003e+02	-1.6675e+01	-7.7679e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.2343e+02	-2.0344e+01	-1.2095e+01
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.3686e+02	-5.2938e+00	-1.8912e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.2106e+02	-5.7747e+00	-1.2789e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.1596e+02	-1.0275e+01	-1.2077e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.2960e+02	-1.2167e+01	-1.8201e+01
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.4553e+02	5.7051e+00	-1.8400e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.2902e+02	2.6749e+00	-1.2135e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.2379e+02	-1.7809e+00	-1.4019e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.3811e+02	-1.0773e+00	-2.0284e+01
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.5144e+02	1.3271e+01	-1.3813e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.3556e+02	8.7126e+00	-9.3827e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.3138e+02	6.0345e+00	-1.3284e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.4668e+02	9.2083e+00	-1.7714e+01
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.6202e+02	1.9410e+01	1.9313e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.5116e+02	1.3349e+01	1.5205e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.5444e+02	1.6286e+01	8.0260e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.6703e+02	2.4453e+01	1.2134e+01
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.5236e+02	3.5103e+00	2.5416e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.4286e+02	2.4421e+00	1.8199e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.4826e+02	9.0760e+00	1.4906e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.6152e+02	1.4535e+01	2.2122e+01
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.4293e+02	-1.4220e+01	2.3008e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.3375e+02	-1.0757e+01	1.5856e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.3934e+02	-3.2349e+00	1.7393e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.5178e+02	-2.8183e+00	2.4545e+01
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.3652e+02	-2.7768e+01	1.3992e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.2695e+02	-2.1437e+01	9.0968e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.3094e+02	-1.5623e+01	1.4311e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.4241e+02	-1.9625e+01	1.9206e+01
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.3425e+02	-3.4222e+01	1.4739e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.2413e+02	-2.6769e+01	-2.0166e-01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.2549e+02	-2.4236e+01	6.9081e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.3626e+02	-3.0873e+01	8.5837e+00
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.3639e+02	-3.2608e+01	-1.1684e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.2579e+02	-2.5721e+01	-9.8921e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.2419e+02	-2.7020e+01	-2.6593e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.3437e+02	-3.4466e+01	-4.4516e+00
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.4281e+02	-2.3124e+01	-2.2794e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.3165e+02	-1.8601e+01	-1.7740e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.2736e+02	-2.3386e+01	-1.2148e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.3690e+02	-2.9946e+01	-1.7201e+01
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.5254e+02	-7.5088e+00	-2.9014e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.4062e+02	-7.1303e+00	-2.1582e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.3459e+02	-1.4074e+01	-1.9404e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.4358e+02	-1.8013e+01	-2.6835e+01
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.6298e+02	9.7798e+00	-2.7833e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.5038e+02	5.2768e+00	-2.0067e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.4432e+02	-1.5326e+00	-2.2524e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.5336e+02	-1.1662e+00	-3.0290e+01
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.6925e+02	2.1519e+01	-1.9114e+01
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.5828e+02	1.4049e+01	-1.4022e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.5361e+02	9.9948e+00	-2.0391e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.6365e+02	1.5147e+01	-2.5482e+01
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	-1.6371e+02	3.1619e+01	2.7738e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.6756e+02	2.2595e+01	2.2437e+01

	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.7134e+02	2.7805e+01	1.1349e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.7062e+02	4.0756e+01	1.6650e+01
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.5203e+02	4.2364e+00	3.6873e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.5640e+02	4.2040e+00	2.7472e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.6305e+02	1.5636e+01	2.3953e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-1.6436e+02	2.2577e+01	3.3355e+01
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.4257e+02	-2.2508e+01	3.1830e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.4502e+02	-1.6286e+01	2.3648e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.5166e+02	-4.0867e+00	2.7762e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.5245e+02	-6.0184e+00	3.5945e+01
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.3708e+02	-4.1231e+01	1.8520e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.3728e+02	-3.1571e+01	1.3468e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.4180e+02	-2.2684e+01	2.2278e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.4276e+02	-3.0484e+01	2.7330e+01
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.3532e+02	-4.9719e+01	1.6510e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.3424e+02	-3.8650e+01	-3.2145e-02
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.3578e+02	-3.5018e+01	1.0856e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.3718e+02	-4.5528e+01	1.2539e+01
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	-1.3712e+02	-4.7532e+01	-1.5759e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.3589e+02	-3.6779e+01	-1.4118e+01
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.3428e+02	-3.8958e+01	-3.1084e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.3542e+02	-5.0024e+01	-4.7491e+00
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	-1.4268e+02	-3.4631e+01	-3.1013e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.4207e+02	-2.6286e+01	-2.6024e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.3746e+02	-3.3925e+01	-1.6825e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	-1.3721e+02	-4.3812e+01	-2.1813e+01
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	-1.5223e+02	-1.1838e+01	-4.0542e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.5212e+02	-8.9462e+00	-3.2426e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.4531e+02	-2.0394e+01	-2.7576e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-1.4266e+02	-2.7114e+01	-3.5691e+01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	-1.6412e+02	1.6223e+01	-3.9474e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.6383e+02	1.0681e+01	-2.9980e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.5685e+02	-9.4060e-01	-3.2373e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-1.5194e+02	-1.7418e+00	-4.1866e+01
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	-1.7028e+02	3.6292e+01	-2.4695e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.7351e+02	2.4669e+01	-1.8823e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.6846e+02	1.7964e+01	-2.8579e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-1.6349e+02	2.5675e+01	-3.4450e+01
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.2957e+02	4.9778e+01	3.8475e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-1.6429e+02	3.8537e+01	3.1284e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.6887e+02	4.8558e+01	1.4998e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.3951e+02	6.9594e+01	2.2189e+01
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.1958e+02	2.0991e-01	4.8272e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.4903e+02	5.4312e+00	3.7372e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-1.5714e+02	2.6141e+01	3.6246e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.3347e+02	3.3594e+01	4.7146e+01
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.1615e+02	-3.6239e+01	3.7365e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.3745e+02	-2.5549e+01	3.1018e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-1.4439e+02	-5.8981e+00	3.9628e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.2202e+02	-1.2271e+01	4.5975e+01
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.1549e+02	-5.9191e+01	2.0408e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.3146e+02	-4.5939e+01	1.7283e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.3542e+02	-3.2935e+01	2.9976e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.1785e+02	-4.4840e+01	3.3102e+01
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	-1.1571e+02	-6.8901e+01	1.1264e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.2947e+02	-5.4609e+01	1.4437e-01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.3077e+02	-4.9639e+01	1.4363e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.1639e+02	-6.3526e+01	1.5345e+01
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	-1.1618e+02	-6.5789e+01	-1.8474e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	-1.3069e+02	-5.1664e+01	-1.7686e+01
	360	0.0000e+00	0.0000e+00	0.0000e+00	-1.2951e+02	-5.4968e+01	-3.3794e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-1.1577e+02	-6.9197e+01	-4.1673e+00
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	-1.1736e+02	-4.9543e+01	-3.6539e+01



	358	0.0000e+00	0.0000e+00	0.0000e+00	-1.3521e+02	-3.7172e+01	-3.3691e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	-1.3143e+02	-4.8673e+01	-2.0707e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-1.1540e+02	-6.2034e+01	-2.3555e+01
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	-1.2092e+02	-1.9112e+01	-5.0058e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-1.4388e+02	-1.1876e+01	-4.4167e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-1.3719e+02	-3.0462e+01	-3.4956e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-1.1572e+02	-4.1481e+01	-4.0846e+01
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	-1.3117e+02	2.5268e+01	-5.2579e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-1.5612e+02	1.9588e+01	-4.2383e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-1.4825e+02	-1.1505e+00	-4.2284e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-1.1846e+02	-7.0278e+00	-5.2480e+01
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	-1.3582e+02	6.2965e+01	-3.0299e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	-1.6838e+02	4.3790e+01	-2.3286e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-1.6293e+02	3.1969e+01	-3.7660e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-1.2711e+02	4.1279e+01	-4.4672e+01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	-2.3184e+01	8.3263e+01	5.1592e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.2085e+02	6.2832e+01	4.3162e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.2346e+02	8.5497e+01	1.9533e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	-3.7593e+01	1.1189e+02	2.7962e+01
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	-3.8824e+01	6.8545e+00	4.6946e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.0489e+02	-9.8873e-01	4.6135e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.0428e+02	4.0875e+01	5.5012e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	-4.1067e+01	1.5439e+01	5.5823e+01
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	-5.3725e+01	-4.2401e+01	3.2122e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.0178e+02	-4.0331e+01	3.5297e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.0117e+02	-1.0131e+01	4.9383e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	-4.7920e+01	-3.5976e+01	4.6208e+01
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	-6.3646e+01	-7.2219e+01	1.6377e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.0236e+02	-6.3876e+01	1.8937e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.0092e+02	-4.5930e+01	3.4331e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	-5.9916e+01	-6.8096e+01	3.1772e+01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	-6.7903e+01	-8.6583e+01	-6.9512e-01
	349	0.0000e+00	0.0000e+00	0.0000e+00	-1.0274e+02	-7.3152e+01	1.4529e-01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.0218e+02	-6.6663e+01	1.6105e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-6.6763e+01	-8.4861e+01	1.5264e+01
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	-6.6369e+01	-8.6712e+01	-1.8083e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-1.0202e+02	-6.8897e+01	-1.9212e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	-1.0270e+02	-7.3519e+01	-3.2129e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-6.7969e+01	-8.7412e+01	-2.0837e+00
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	-5.9079e+01	-7.2551e+01	-3.4691e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-1.0043e+02	-5.0653e+01	-3.7637e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-1.0209e+02	-6.6837e+01	-2.2114e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-6.3362e+01	-7.5703e+01	-1.9167e+01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	-4.6340e+01	-4.2834e+01	-4.9313e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-9.9996e+01	-1.7068e+01	-5.3112e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-1.0108e+02	-4.5763e+01	-3.8772e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-5.2923e+01	-4.8416e+01	-3.4973e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	-3.7948e+01	6.4627e+00	-5.9324e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-1.0174e+02	3.2328e+01	-5.9683e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-1.0327e+02	-8.6257e+00	-5.0239e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-3.7138e+01	-1.4769e+00	-4.9880e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	-2.9692e+01	9.9001e+01	-3.4206e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-1.1944e+02	7.8361e+01	-2.8178e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-1.1688e+02	5.3088e+01	-4.8549e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-2.0085e+01	7.2818e+01	-5.4576e+01
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	1.3766e+02	-1.3641e+02	-1.2948e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	6.0841e+01	7.9730e+01	7.3384e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	-7.6348e+01	1.4838e+02	3.1414e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	3.1579e+02	3.1681e+02	1.1128e+01
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	7.7448e+01	-1.3962e+02	1.6570e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	1.9217e+01	-7.7252e+00	2.1868e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	3.3795e+00	4.1080e+01	2.5417e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	1.3408e+02	1.6594e+02	5.2062e+00

2214	338	0.0000e+00	0.0000e+00	0.0000e+00	3.9990e+01	-1.4392e+02	4.7804e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	-1.0867e+01	-5.0716e+01	1.6893e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	-2.2039e+01	-2.2601e+01	2.1391e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	7.5609e+01	6.1692e+01	9.2784e+00
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	1.9850e+01	-1.3588e+02	2.7246e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	-2.9925e+01	-7.7298e+01	9.0970e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	-3.6488e+01	-6.1530e+01	1.5478e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	3.9275e+01	-1.5593e+01	9.1055e+00
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	1.3579e+01	-1.1465e+02	-2.2796e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-3.9861e+01	-8.8566e+01	-5.3359e-01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-4.2572e+01	-8.3039e+01	6.9242e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	1.9814e+01	-7.1737e+01	5.1782e+00
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	2.0102e+01	-7.8491e+01	-7.8356e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	-4.1515e+01	-8.5079e+01	-1.0389e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-4.0503e+01	-8.9197e+01	-2.9474e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	1.3936e+01	-1.1053e+02	-3.9364e-01
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	4.0293e+01	-2.4689e+01	-1.1672e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-3.4947e+01	-6.6170e+01	-1.8905e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-3.0106e+01	-8.0577e+01	-1.2576e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	2.0853e+01	-1.3460e+02	-5.3428e+00
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	7.7530e+01	5.0677e+01	-1.1671e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-1.9814e+01	-2.9666e+01	-2.4754e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-1.0418e+01	-5.6512e+01	-2.0353e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	4.1729e+01	-1.4558e+02	-7.2702e+00
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	1.3710e+02	1.5361e+02	-7.3151e+00
	325	0.0000e+00	0.0000e+00	0.0000e+00	6.5898e+00	3.1717e+01	-2.8628e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	2.0592e+01	-1.5732e+01	-2.5283e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	8.0083e+01	-1.4425e+02	-3.9699e+00
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	3.1743e+02	3.0402e+02	-1.1472e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-6.8033e+01	1.3458e+02	-3.3471e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	6.3437e+01	6.9497e+01	-1.1242e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	1.4156e+02	-1.4400e+02	1.0757e+01
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	-7.9756e+01	8.8977e+00	-4.7021e+00
	323	0.0000e+00	0.0000e+00	0.0000e+00	-8.2330e+01	9.0753e-01	-4.4951e+00
	14	0.0000e+00	0.0000e+00	0.0000e+00	-6.8935e+01	2.7787e+01	-3.0463e+00
	314	0.0000e+00	0.0000e+00	0.0000e+00	-9.2733e+01	1.6926e+01	-3.2534e+00
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	-7.8926e+01	-3.0643e+00	-5.2150e+00
	322	0.0000e+00	0.0000e+00	0.0000e+00	-8.3682e+01	-2.9069e+00	-6.0445e+00
	323	0.0000e+00	0.0000e+00	0.0000e+00	-8.4615e+01	3.7609e+00	-6.0448e+00
	313	0.0000e+00	0.0000e+00	0.0000e+00	-7.9666e+01	3.9188e+00	-5.2153e+00
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	-7.6516e+01	-7.7687e+00	-3.6014e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	-8.1691e+01	-8.2891e+00	-5.6995e+00
	322	0.0000e+00	0.0000e+00	0.0000e+00	-8.3797e+01	-4.6407e+00	-6.1034e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	-7.8645e+01	-4.3606e+00	-4.0053e+00
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	-7.3689e+01	-1.0416e+01	-2.0354e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	-7.8897e+01	-1.1310e+01	-4.2012e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	-8.1204e+01	-9.6116e+00	-4.9706e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	-7.5752e+01	-8.9813e+00	-2.8048e+00
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	-7.1484e+01	-1.0850e+01	-4.5966e-01
	319	0.0000e+00	0.0000e+00	0.0000e+00	-7.6703e+01	-1.1873e+01	-1.9583e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	-7.8273e+01	-1.1968e+01	-2.9423e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	-7.2939e+01	-1.1041e+01	-1.4437e+00
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	-7.0335e+01	-9.0857e+00	9.8538e-01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-7.5582e+01	-9.9411e+00	3.8398e-01
	319	0.0000e+00	0.0000e+00	0.0000e+00	-7.6149e+01	-1.1717e+01	-5.4868e-01
	309	0.0000e+00	0.0000e+00	0.0000e+00	-7.0982e+01	-1.0724e+01	5.2724e-02
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	-7.0008e+01	-5.3996e+00	2.1639e+00
	317	0.0000e+00	0.0000e+00	0.0000e+00	-7.5222e+01	-5.8660e+00	2.1807e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	-7.5108e+01	-9.0473e+00	1.5608e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	-7.0088e+01	-8.2851e+00	1.5439e+00
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	-6.9736e+01	-1.7398e-01	3.0514e+00
	316	0.0000e+00	0.0000e+00	0.0000e+00	-7.4496e+01	-2.2420e-01	2.9378e+00
	317	0.0000e+00	0.0000e+00	0.0000e+00	-7.4652e+01	-4.5291e+00	2.7669e+00

	307	0.0000e+00	0.0000e+00	0.0000e+00	-6.9809e+01	-4.2406e+00	2.8805e+00
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	-6.7875e+01	6.9920e+00	3.8022e+00
	315	0.0000e+00	0.0000e+00	0.0000e+00	-7.1968e+01	7.1044e+00	2.4444e+00
	316	0.0000e+00	0.0000e+00	0.0000e+00	-7.3428e+01	1.1681e+00	2.7149e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	-6.9156e+01	7.4432e-01	4.0727e+00
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	-7.6220e+01	1.6122e+01	1.2878e+00
	13	0.0000e+00	0.0000e+00	0.0000e+00	-5.5981e+01	2.6412e+01	-7.9346e-01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-6.9091e+01	4.1354e+00	1.1032e+00
	305	0.0000e+00	0.0000e+00	0.0000e+00	-6.7312e+01	1.0666e+01	3.1845e+00
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	-9.0747e+01	7.6274e+00	-8.0654e-01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-8.3399e+01	9.0286e+00	-4.7894e+00
	314	0.0000e+00	0.0000e+00	0.0000e+00	-8.7779e+01	1.3491e+01	-2.5433e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	-9.4407e+01	1.0441e+01	1.4395e+00
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	-8.3853e+01	-6.9893e-01	-3.8443e-01
	312	0.0000e+00	0.0000e+00	0.0000e+00	-7.9860e+01	-1.3370e+00	-4.3314e+00
	313	0.0000e+00	0.0000e+00	0.0000e+00	-8.3740e+01	2.6975e+00	-5.3767e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	-8.7939e+01	4.1309e+00	-1.4297e+00
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	-7.8644e+01	-6.1301e+00	5.9069e-01
	311	0.0000e+00	0.0000e+00	0.0000e+00	-7.6434e+01	-6.8998e+00	-2.5950e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	-7.9020e+01	-4.3416e+00	-3.7788e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	-8.2487e+01	-2.7651e+00	-5.9315e-01
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	-7.4762e+01	-9.1349e+00	1.2666e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	-7.3268e+01	-9.7542e+00	-1.2693e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	-7.5512e+01	-8.6113e+00	-2.1413e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	-7.7636e+01	-7.5024e+00	3.9451e-01
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	-7.2260e+01	-9.7062e+00	1.5785e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	-7.0990e+01	-1.0282e+01	-5.9062e-03
	310	0.0000e+00	0.0000e+00	0.0000e+00	-7.2474e+01	-1.0533e+01	-6.8080e-01
	300	0.0000e+00	0.0000e+00	0.0000e+00	-7.3974e+01	-9.7716e+00	9.0359e-01
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	-7.1292e+01	-7.9503e+00	1.7621e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	-6.9887e+01	-8.6159e+00	1.2526e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	-7.0459e+01	-1.0161e+01	6.2323e-01
	299	0.0000e+00	0.0000e+00	0.0000e+00	-7.1748e+01	-9.5791e+00	1.1327e+00
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	-7.1693e+01	-4.2054e+00	2.1274e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	-6.9764e+01	-5.1072e+00	2.5088e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	-6.9624e+01	-7.6763e+00	1.7826e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	-7.1063e+01	-7.1389e+00	1.4012e+00
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	-7.3151e+01	9.5623e-01	2.8377e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	-7.0060e+01	-2.5781e-01	3.7554e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	-6.9649e+01	-3.4878e+00	2.8471e+00
	297	0.0000e+00	0.0000e+00	0.0000e+00	-7.1710e+01	-2.9018e+00	1.9293e+00
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	-7.5063e+01	6.6184e+00	3.2455e+00
	305	0.0000e+00	0.0000e+00	0.0000e+00	-7.1378e+01	5.7492e+00	4.7229e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	-6.9901e+01	2.1832e+00	4.1015e+00
	296	0.0000e+00	0.0000e+00	0.0000e+00	-7.3558e+01	2.5456e+00	2.6240e+00
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	-7.7758e+01	9.7452e+00	2.1254e-01
	206	0.0000e+00	0.0000e+00	0.0000e+00	-7.1915e+01	1.2935e+01	1.5163e+00
	305	0.0000e+00	0.0000e+00	0.0000e+00	-7.0254e+01	1.0516e+01	3.9351e+00
	295	0.0000e+00	0.0000e+00	0.0000e+00	-7.6788e+01	8.9123e+00	2.6313e+00
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.0353e+02	6.6048e+00	5.5200e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	-9.2823e+01	6.4519e+00	1.5257e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	-9.6940e+01	8.8907e+00	1.5623e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	-1.0748e+02	8.6652e+00	5.5567e+00
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	-9.6377e+01	4.4243e-01	6.0555e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	-8.6687e+01	-5.3338e-01	1.0224e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	-9.1671e+01	3.3375e+00	1.6176e-01
	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.0155e+02	4.0672e+00	5.1950e+00
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	-8.9616e+01	-5.4193e+00	6.1805e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	-8.1218e+01	-5.9139e+00	1.7296e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	-8.5191e+01	-3.3225e+00	8.3563e-01
	292	0.0000e+00	0.0000e+00	0.0000e+00	-9.4627e+01	-2.0454e+00	5.2866e+00
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	-8.4439e+01	-9.1815e+00	5.3849e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	-7.6871e+01	-9.1521e+00	2.0372e+00

	301	0.0000e+00	0.0000e+00	0.0000e+00	-7.9792e+01	-7.9745e+00	1.6675e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	-8.8274e+01	-7.2125e+00	5.0152e+00
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	-8.1359e+01	-1.0160e+01	3.8272e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	-7.4085e+01	-9.9412e+00	1.9230e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	-7.5804e+01	-1.0179e+01	1.9712e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	-8.3484e+01	-1.0056e+01	3.8754e+00
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	-8.0533e+01	-8.2901e+00	2.1190e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	-7.3080e+01	-8.3171e+00	1.7617e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	-7.3538e+01	-9.8694e+00	1.8386e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	-8.0796e+01	-1.0049e+01	2.1959e+00
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	-8.1720e+01	-4.0630e+00	9.2510e-01
	297	0.0000e+00	0.0000e+00	0.0000e+00	-7.3723e+01	-4.6487e+00	1.9281e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	-7.3051e+01	-7.2346e+00	1.6559e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	-8.0368e+01	-7.2809e+00	6.5290e-01
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	-8.4304e+01	1.4091e+00	5.4030e-01
	296	0.0000e+00	0.0000e+00	0.0000e+00	-7.5634e+01	4.1420e-01	2.4838e+00
	297	0.0000e+00	0.0000e+00	0.0000e+00	-7.4058e+01	-2.8013e+00	1.7801e+00
	287	0.0000e+00	0.0000e+00	0.0000e+00	-8.1957e+01	-2.4016e+00	-1.6339e-01
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	-8.7262e+01	6.2082e+00	4.3986e-01
	295	0.0000e+00	0.0000e+00	0.0000e+00	-7.8395e+01	5.8281e+00	2.7344e+00
	296	0.0000e+00	0.0000e+00	0.0000e+00	-7.6055e+01	2.5520e+00	2.1569e+00
	286	0.0000e+00	0.0000e+00	0.0000e+00	-8.4971e+01	3.3165e+00	-1.3768e-01
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	-8.9186e+01	7.4934e+00	-2.7208e-01
	195	0.0000e+00	0.0000e+00	0.0000e+00	-7.9891e+01	8.2357e+00	8.8152e-01
	295	0.0000e+00	0.0000e+00	0.0000e+00	-7.8535e+01	7.6674e+00	1.2946e+00
	285	0.0000e+00	0.0000e+00	0.0000e+00	-8.8214e+01	7.5910e+00	1.4101e-01
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.2252e+02	7.5952e+00	1.2264e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.0830e+02	5.8809e+00	7.9551e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	-1.1250e+02	7.6770e+00	5.9051e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.2702e+02	1.0025e+01	1.0214e+01
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.1452e+02	9.0017e-01	1.3780e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	-1.0118e+02	-6.5951e-02	8.0578e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.0641e+02	3.1235e+00	6.5973e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.2085e+02	5.0518e+00	1.2320e+01
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.0643e+02	-6.2466e+00	1.3190e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	-9.4084e+01	-5.9935e+00	7.6188e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	-9.8995e+01	-3.1600e+00	7.1889e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.1276e+02	-2.0551e+00	1.2760e+01
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	-1.0003e+02	-1.1338e+01	1.0453e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	-8.8373e+01	-1.0074e+01	6.1865e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	-9.2083e+01	-8.5161e+00	6.8891e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.0493e+02	-8.6446e+00	1.1156e+01
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	-9.6327e+01	-1.2965e+01	6.3153e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	-8.4887e+01	-1.1333e+01	3.9932e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	-8.6972e+01	-1.1431e+01	5.4083e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	-9.8928e+01	-1.2604e+01	7.7304e+00
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	-9.5632e+01	-1.0794e+01	1.9627e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	-8.3944e+01	-9.5675e+00	1.7587e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	-8.4295e+01	-1.1303e+01	3.1740e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	-9.5693e+01	-1.2882e+01	3.3779e+00
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	-9.7605e+01	-5.4655e+00	-1.3992e+00
	287	0.0000e+00	0.0000e+00	0.0000e+00	-8.5345e+01	-5.2580e+00	2.4712e-01
	288	0.0000e+00	0.0000e+00	0.0000e+00	-8.4158e+01	-8.2434e+00	9.6447e-01
	278	0.0000e+00	0.0000e+00	0.0000e+00	-9.5469e+01	-9.4576e+00	-6.8180e-01
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	-1.0124e+02	1.3540e+00	-2.9338e+00
	286	0.0000e+00	0.0000e+00	0.0000e+00	-8.8376e+01	4.0059e-01	-1.5914e-01
	287	0.0000e+00	0.0000e+00	0.0000e+00	-8.6153e+01	-3.0459e+00	-5.2060e-01
	277	0.0000e+00	0.0000e+00	0.0000e+00	-9.7867e+01	-3.2829e+00	-3.2953e+00
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	-1.0493e+02	6.9660e+00	-2.5278e+00
	285	0.0000e+00	0.0000e+00	0.0000e+00	-9.1728e+01	5.3439e+00	1.8297e-01
	286	0.0000e+00	0.0000e+00	0.0000e+00	-8.9374e+01	2.7340e+00	-1.0867e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	-1.0181e+02	3.6282e+00	-3.7975e+00
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.0663e+02	8.1971e+00	-7.9332e-01

	184	0.0000e+00	0.0000e+00	0.0000e+00	-9.3613e+01	6.5424e+00	3.3912e-01
	285	0.0000e+00	0.0000e+00	0.0000e+00	-9.2441e+01	6.7370e+00	-1.2522e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	-1.0551e+02	8.2360e+00	-2.3846e+00
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.4389e+02	1.0968e+01	1.9828e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.2908e+02	7.5009e+00	1.4910e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.3375e+02	9.6844e+00	1.0727e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.4915e+02	1.4508e+01	1.5645e+01
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.3439e+02	1.4431e+00	2.3014e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.2069e+02	3.5400e-01	1.6169e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.2648e+02	4.2092e+00	1.3909e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.4242e+02	7.5993e+00	2.0754e+01
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.2474e+02	-8.8460e+00	2.1699e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.1187e+02	-7.4087e+00	1.4853e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.1767e+02	-3.5688e+00	1.5110e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.3276e+02	-2.6410e+00	2.1956e+01
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.1718e+02	-1.6310e+01	1.6477e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-1.0469e+02	-1.3128e+01	1.1239e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.0920e+02	-1.0714e+01	1.3626e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.2324e+02	-1.2263e+01	1.8864e+01
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.1296e+02	-1.8941e+01	8.9978e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	-1.0043e+02	-1.5148e+01	6.2499e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	-1.0292e+02	-1.4945e+01	9.7916e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.1602e+02	-1.8171e+01	1.2540e+01
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.1246e+02	-1.6215e+01	1.2290e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	-9.9542e+01	-1.3020e+01	1.2028e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	-9.9790e+01	-1.5137e+01	4.7090e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.1226e+02	-1.8891e+01	4.7352e+00
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.1532e+02	-8.8720e+00	-4.9082e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	-1.0172e+02	-7.3897e+00	-2.5402e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	-1.0002e+02	-1.1280e+01	-2.3895e-01
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.1223e+02	-1.4358e+01	-2.6069e+00
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.2031e+02	9.4041e-01	-7.7515e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	-1.0591e+02	-1.0943e-02	-3.9518e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	-1.0308e+02	-4.4540e+00	-3.7678e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.1547e+02	-5.7700e+00	-7.5675e+00
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.2524e+02	9.4647e+00	-6.4030e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	-1.1025e+02	6.2316e+00	-2.8296e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	-1.0762e+02	3.0637e+00	-5.0353e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.2066e+02	4.2017e+00	-8.6086e+00
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.2711e+02	1.2102e+01	-1.5238e+00
	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.1281e+02	7.8717e+00	-1.2448e-01
	275	0.0000e+00	0.0000e+00	0.0000e+00	-1.1154e+02	8.0154e+00	-3.9366e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.2556e+02	1.1340e+01	-5.3359e+00
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	-1.6026e+02	1.7529e+01	2.8490e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.5067e+02	1.1984e+01	2.2825e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.5594e+02	1.5417e+01	1.6096e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-1.6642e+02	2.3208e+01	2.1761e+01
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.4892e+02	2.1800e+00	3.4078e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.4044e+02	1.2737e+00	2.5648e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.4717e+02	7.3642e+00	2.2688e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-1.5921e+02	1.2325e+01	3.1118e+01
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.3789e+02	-1.3698e+01	3.1626e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.2956e+02	-1.0415e+01	2.3384e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.3641e+02	-4.2284e+00	2.4933e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.4767e+02	-4.0147e+00	3.3174e+01
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.2969e+02	-2.4807e+01	2.3164e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.2092e+02	-1.8978e+01	1.7106e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.2621e+02	-1.4897e+01	2.1979e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.3663e+02	-1.8725e+01	2.8037e+01
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.2534e+02	-2.8835e+01	1.1674e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.1601e+02	-2.2130e+01	8.6437e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.1883e+02	-2.1368e+01	1.5124e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.2864e+02	-2.7506e+01	1.8154e+01

2277 258 0.0000e+00 0.0000e+00 0.0000e+00 -1.2507e+02 -2.5312e+01 -1.2694e-01  
268 0.0000e+00 0.0000e+00 0.0000e+00 -1.1524e+02 -1.9334e+01 4.4671e-02  
269 0.0000e+00 0.0000e+00 0.0000e+00 -1.1534e+02 -2.2100e+01 6.4498e+00  
259 0.0000e+00 0.0000e+00 0.0000e+00 -1.2462e+02 -2.8816e+01 6.2782e+00

2278 257 0.0000e+00 0.0000e+00 0.0000e+00 -1.2870e+02 -1.4952e+01 -9.7064e+00  
267 0.0000e+00 0.0000e+00 0.0000e+00 -1.1826e+02 -1.1390e+01 -6.5967e+00  
268 0.0000e+00 0.0000e+00 0.0000e+00 -1.1597e+02 -1.6988e+01 -1.9218e+00  
258 0.0000e+00 0.0000e+00 0.0000e+00 -1.2471e+02 -2.2691e+01 -5.0315e+00

2279 256 0.0000e+00 0.0000e+00 0.0000e+00 -1.3523e+02 -5.0496e-02 -1.4425e+01  
266 0.0000e+00 0.0000e+00 0.0000e+00 -1.2394e+02 -5.3254e-01 -9.3007e+00  
267 0.0000e+00 0.0000e+00 0.0000e+00 -1.2024e+02 -7.2685e+00 -7.9904e+00  
257 0.0000e+00 0.0000e+00 0.0000e+00 -1.2859e+02 -1.0347e+01 -1.3115e+01

2280 255 0.0000e+00 0.0000e+00 0.0000e+00 -1.4210e+02 1.4357e+01 -1.2033e+01  
265 0.0000e+00 0.0000e+00 0.0000e+00 -1.2998e+02 9.2799e+00 -6.9435e+00  
266 0.0000e+00 0.0000e+00 0.0000e+00 -1.2660e+02 4.0883e+00 -1.0045e+01  
256 0.0000e+00 0.0000e+00 0.0000e+00 -1.3521e+02 5.1565e+00 -1.5134e+01

2281 151 0.0000e+00 0.0000e+00 0.0000e+00 -1.4451e+02 2.0467e+01 -2.6871e+00  
162 0.0000e+00 0.0000e+00 0.0000e+00 -1.3377e+02 1.2923e+01 -6.3915e-01  
265 0.0000e+00 0.0000e+00 0.0000e+00 -1.3212e+02 1.2300e+01 -7.2283e+00  
255 0.0000e+00 0.0000e+00 0.0000e+00 -1.4203e+02 1.7814e+01 -9.2763e+00

2282 253 0.0000e+00 0.0000e+00 0.0000e+00 -1.5973e+02 2.8799e+01 3.8439e+01  
263 0.0000e+00 0.0000e+00 0.0000e+00 -1.6496e+02 2.0592e+01 3.1951e+01  
264 0.0000e+00 0.0000e+00 0.0000e+00 -1.7070e+02 2.6518e+01 2.1761e+01  
254 0.0000e+00 0.0000e+00 0.0000e+00 -1.6709e+02 3.8505e+01 2.8249e+01

2283 252 0.0000e+00 0.0000e+00 0.0000e+00 -1.4709e+02 2.6277e+00 4.6786e+01  
262 0.0000e+00 0.0000e+00 0.0000e+00 -1.5233e+02 2.7215e+00 3.6601e+01  
263 0.0000e+00 0.0000e+00 0.0000e+00 -1.6005e+02 1.3471e+01 3.3571e+01  
253 0.0000e+00 0.0000e+00 0.0000e+00 -1.5993e+02 1.9569e+01 4.3756e+01

2284 251 0.0000e+00 0.0000e+00 0.0000e+00 -1.3655e+02 -2.1550e+01 4.1835e+01  
261 0.0000e+00 0.0000e+00 0.0000e+00 -1.3955e+02 -1.5701e+01 3.2891e+01  
262 0.0000e+00 0.0000e+00 0.0000e+00 -1.4724e+02 -5.1289e+00 3.6927e+01  
252 0.0000e+00 0.0000e+00 0.0000e+00 -1.4691e+02 -7.2795e+00 4.5871e+01

2285 250 0.0000e+00 0.0000e+00 0.0000e+00 -1.2963e+02 -3.7272e+01 2.9386e+01  
260 0.0000e+00 0.0000e+00 0.0000e+00 -1.3022e+02 -2.8375e+01 2.3398e+01  
261 0.0000e+00 0.0000e+00 0.0000e+00 -1.3588e+02 -2.1500e+01 3.1657e+01  
251 0.0000e+00 0.0000e+00 0.0000e+00 -1.3606e+02 -2.8972e+01 3.7645e+01

2286 249 0.0000e+00 0.0000e+00 0.0000e+00 -1.2616e+02 -4.2926e+01 1.3871e+01  
259 0.0000e+00 0.0000e+00 0.0000e+00 -1.2526e+02 -3.2917e+01 1.1031e+01  
260 0.0000e+00 0.0000e+00 0.0000e+00 -1.2814e+02 -3.1249e+01 2.1030e+01  
250 0.0000e+00 0.0000e+00 0.0000e+00 -1.2901e+02 -4.1056e+01 2.3870e+01

2287 248 0.0000e+00 0.0000e+00 0.0000e+00 -1.2596e+02 -3.8563e+01 -1.8552e+00  
258 0.0000e+00 0.0000e+00 0.0000e+00 -1.2465e+02 -2.9088e+01 -1.6082e+00  
259 0.0000e+00 0.0000e+00 0.0000e+00 -1.2461e+02 -3.2809e+01 8.2774e+00  
249 0.0000e+00 0.0000e+00 0.0000e+00 -1.2550e+02 -4.2925e+01 8.0304e+00

2288 247 0.0000e+00 0.0000e+00 0.0000e+00 -1.2927e+02 -2.4686e+01 -1.5241e+01  
257 0.0000e+00 0.0000e+00 0.0000e+00 -1.2819e+02 -1.7734e+01 -1.1912e+01  
258 0.0000e+00 0.0000e+00 0.0000e+00 -1.2543e+02 -2.6111e+01 -3.9660e+00  
248 0.0000e+00 0.0000e+00 0.0000e+00 -1.2531e+02 -3.4908e+01 -7.2949e+00

2289 246 0.0000e+00 0.0000e+00 0.0000e+00 -1.3631e+02 -2.7541e+00 -2.2919e+01  
256 0.0000e+00 0.0000e+00 0.0000e+00 -1.3522e+02 -1.1978e+00 -1.6773e+01  
257 0.0000e+00 0.0000e+00 0.0000e+00 -1.3056e+02 -1.2174e+01 -1.3155e+01  
247 0.0000e+00 0.0000e+00 0.0000e+00 -1.2857e+02 -1.7787e+01 -1.9301e+01

2290 245 0.0000e+00 0.0000e+00 0.0000e+00 -1.4544e+02 2.1958e+01 -2.0330e+01  
255 0.0000e+00 0.0000e+00 0.0000e+00 -1.4354e+02 1.5367e+01 -1.3132e+01  
256 0.0000e+00 0.0000e+00 0.0000e+00 -1.3902e+02 5.8454e+00 -1.6526e+01  
246 0.0000e+00 0.0000e+00 0.0000e+00 -1.3544e+02 5.9812e+00 -2.3724e+01

2291 140 0.0000e+00 0.0000e+00 0.0000e+00 -1.4871e+02 3.5692e+01 -4.6963e+00  
151 0.0000e+00 0.0000e+00 0.0000e+00 -1.4952e+02 2.3445e+01 -1.4029e+00  
255 0.0000e+00 0.0000e+00 0.0000e+00 -1.4721e+02 2.0919e+01 -1.1737e+01  
245 0.0000e+00 0.0000e+00 0.0000e+00 -1.4437e+02 2.9152e+01 -1.5030e+01

2292 243 0.0000e+00 0.0000e+00 0.0000e+00 -1.2344e+02 4.5277e+01 4.9625e+01  
253 0.0000e+00 0.0000e+00 0.0000e+00 -1.5916e+02 3.5324e+01 4.2036e+01  
254 0.0000e+00 0.0000e+00 0.0000e+00 -1.6528e+02 4.6184e+01 2.7172e+01

	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.3263e+02	6.5690e+01	3.4760e+01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	-1.1378e+02	-1.4123e+00	5.8493e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-1.4347e+02	3.5412e+00	4.7666e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-1.5206e+02	2.3226e+01	4.6994e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-1.2705e+02	2.9512e+01	5.7821e+01
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	-1.0993e+02	-3.4442e+01	4.8251e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-1.3122e+02	-2.4519e+01	4.1618e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-1.3875e+02	-6.9311e+00	4.9854e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-1.1579e+02	-1.3329e+01	5.6487e+01
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	-1.0843e+02	-5.3874e+01	3.2532e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-1.2409e+02	-4.1743e+01	2.8848e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-1.2883e+02	-3.1046e+01	4.0719e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-1.1112e+02	-4.2440e+01	4.4402e+01
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	-1.0761e+02	-6.0413e+01	1.4830e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2061e+02	-4.7514e+01	1.3117e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-1.2289e+02	-4.4660e+01	2.6215e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-1.0879e+02	-5.7718e+01	2.7928e+01
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	-1.0704e+02	-5.4917e+01	-2.9542e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	-1.2011e+02	-4.2402e+01	-3.0067e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2008e+02	-4.7256e+01	9.9572e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	-1.0717e+02	-6.0433e+01	1.0010e+01
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	-1.0725e+02	-3.7622e+01	-1.9053e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-1.2272e+02	-2.7016e+01	-1.7135e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	-1.2027e+02	-3.9081e+01	-5.6529e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	-1.0583e+02	-5.1231e+01	-7.5708e+00
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	-1.0993e+02	-8.2137e+00	-3.0588e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-1.2928e+02	-2.7487e+00	-2.5761e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-1.2413e+02	-2.0437e+01	-1.8101e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-1.0534e+02	-3.0152e+01	-2.2928e+01
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	-1.1923e+02	3.2152e+01	-3.1409e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-1.3917e+02	2.5097e+01	-2.2531e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-1.3307e+02	7.1467e+00	-2.3774e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-1.0740e+02	2.5548e+00	-3.2651e+01
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	-1.2309e+02	6.2578e+01	-8.3447e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	-1.4896e+02	4.2561e+01	-2.7638e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	-1.4542e+02	3.5788e+01	-1.7966e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-1.1537e+02	4.5899e+01	-2.3547e+01
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	-1.7335e+01	7.7335e+01	6.0295e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-1.1330e+02	5.7244e+01	5.3815e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.1657e+02	8.1282e+01	3.2930e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-2.7153e+01	1.0258e+02	3.9410e+01
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	-3.3475e+01	5.0622e+00	5.6838e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-9.8855e+01	-2.7139e+00	5.6640e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-9.8058e+01	3.6910e+01	6.5161e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-3.4672e+01	1.2245e+01	6.5360e+01
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	-4.8474e+01	-4.0171e+01	4.3323e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-9.5673e+01	-3.8415e+01	4.6571e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-9.5332e+01	-1.0843e+01	5.9841e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-4.2260e+01	-3.5386e+01	5.6593e+01
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	-5.8360e+01	-6.6092e+01	2.9001e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-9.5692e+01	-5.8398e+01	3.1481e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-9.4744e+01	-4.3027e+01	4.5819e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-5.4304e+01	-6.3748e+01	4.3339e+01
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	-6.2738e+01	-7.6937e+01	1.3465e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-9.5376e+01	-6.4534e+01	1.4257e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-9.5337e+01	-6.0243e+01	2.8971e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-6.1178e+01	-7.7001e+01	2.8179e+01
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	-6.1731e+01	-7.4307e+01	-2.3310e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	-9.4049e+01	-5.7985e+01	-3.3379e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	-9.5142e+01	-6.4064e+01	1.1255e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-6.2671e+01	-7.6662e+01	1.2261e+01
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	-5.5628e+01	-5.8646e+01	-1.7333e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-9.2087e+01	-3.8855e+01	-1.9867e+01

	238	0.0000e+00	0.0000e+00	0.0000e+00	-9.3966e+01	-5.5285e+01	-5.9091e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	-5.8864e+01	-6.3155e+01	-3.3750e+00
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	-4.4984e+01	-2.9371e+01	-3.0339e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-9.1554e+01	-6.5442e+00	-3.3372e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-9.2655e+01	-3.3664e+01	-2.0781e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-5.0003e+01	-3.5790e+01	-1.7749e+01
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	-3.9349e+01	1.6557e+01	-3.8685e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-9.3390e+01	3.8484e+01	-3.8103e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-9.4765e+01	1.6372e+00	-3.0549e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-3.6800e+01	8.5933e+00	-3.1131e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	-3.3887e+01	1.0078e+02	-1.2948e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	-1.1111e+02	7.6721e+01	-6.1742e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	-1.0803e+02	5.7828e+01	-2.7536e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-2.3293e+01	7.6105e+01	-3.4310e+01
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	1.4297e+02	-1.3372e+02	-3.7328e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	6.4925e+01	7.4449e+01	1.7994e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-6.5085e+01	1.3807e+02	3.9299e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.1683e+02	3.0401e+02	1.7572e+01
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	8.2154e+01	-1.3296e+02	1.1883e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	2.3110e+01	-8.7507e+00	3.2986e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	9.5204e+00	3.7576e+01	3.5581e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	1.3834e+02	1.5665e+02	1.4477e+01
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	4.3868e+01	-1.3335e+02	1.6063e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-7.1943e+00	-4.7984e+01	2.9214e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-1.6153e+01	-2.1968e+01	3.2833e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	7.9370e+01	5.6228e+01	1.9683e+01
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	2.2365e+01	-1.2218e+02	1.5020e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-2.6518e+01	-7.0870e+01	2.2607e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-3.0942e+01	-5.6983e+01	2.8139e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	4.2103e+01	-1.6636e+01	2.0552e+01
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	1.4016e+01	-9.9058e+01	1.0860e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-3.6952e+01	-7.8892e+01	1.4080e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-3.7634e+01	-7.4861e+01	2.0767e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	2.1198e+01	-6.7947e+01	1.7547e+01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	1.7455e+01	-6.2833e+01	5.8444e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	-3.9567e+01	-7.3032e+01	5.1382e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	-3.6706e+01	-7.8004e+01	1.1956e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	1.3170e+01	-1.0171e+02	1.2662e+01
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	3.3126e+01	-1.1500e+01	2.0887e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	-3.4711e+01	-5.3169e+01	-2.7523e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	-2.8291e+01	-6.7415e+01	3.1693e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	1.6935e+01	-1.2082e+02	8.0103e+00
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	6.3681e+01	5.8009e+01	1.5839e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	-2.2370e+01	-1.7880e+01	-8.2915e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	-1.1823e+01	-4.2991e+01	-4.0755e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	3.3201e+01	-1.2723e+02	5.7999e+00
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	1.1356e+02	1.5056e+02	4.9831e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	-3.1024e-01	3.8959e+01	-1.1982e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	1.4239e+01	-4.1802e+00	-8.7931e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	6.4768e+01	-1.2210e+02	8.1719e+00
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	2.7595e+02	2.8321e+02	2.5758e-01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-7.6131e+01	1.3198e+02	-1.6351e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	4.9911e+01	7.4530e+01	4.6613e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	1.1638e+02	-1.1835e+02	2.1270e+01
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	-6.7479e+01	6.8796e+00	-2.9625e+00
	215	0.0000e+00	0.0000e+00	0.0000e+00	-6.8406e+01	1.0455e+00	-1.0165e+00
	13	0.0000e+00	0.0000e+00	0.0000e+00	-5.6483e+01	2.4420e+01	4.8296e-01
	206	0.0000e+00	0.0000e+00	0.0000e+00	-7.5831e+01	1.5317e+01	-1.4630e+00
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	-6.9270e+01	-7.1932e+00	-3.9689e+00
	214	0.0000e+00	0.0000e+00	0.0000e+00	-7.2813e+01	-6.6811e+00	-2.6766e+00
	215	0.0000e+00	0.0000e+00	0.0000e+00	-7.1420e+01	2.4055e+00	-2.4185e+00
	205	0.0000e+00	0.0000e+00	0.0000e+00	-6.8292e+01	2.3551e+00	-3.7108e+00
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	-7.0487e+01	-1.6735e+01	-3.3149e+00



213 0.0000e+00 0.0000e+00 0.0000e+00 -7.4091e+01 -1.6856e+01 -3.1962e+00  
214 0.0000e+00 0.0000e+00 0.0000e+00 -7.4051e+01 -8.9201e+00 -3.1143e+00  
204 0.0000e+00 0.0000e+00 0.0000e+00 -7.0309e+01 -9.2196e+00 -3.2331e+00

2325 202 0.0000e+00 0.0000e+00 0.0000e+00 -7.1382e+01 -2.5671e+01 -2.6105e+00  
212 0.0000e+00 0.0000e+00 0.0000e+00 -7.4594e+01 -2.6347e+01 -2.6629e+00  
213 0.0000e+00 0.0000e+00 0.0000e+00 -7.4915e+01 -1.9147e+01 -2.9687e+00  
203 0.0000e+00 0.0000e+00 0.0000e+00 -7.1157e+01 -1.9156e+01 -2.9163e+00

2326 201 0.0000e+00 0.0000e+00 0.0000e+00 -7.3022e+01 -3.3222e+01 -1.8022e+00  
211 0.0000e+00 0.0000e+00 0.0000e+00 -7.5645e+01 -3.4346e+01 -1.1519e+00  
212 0.0000e+00 0.0000e+00 0.0000e+00 -7.5370e+01 -2.8328e+01 -1.8435e+00  
202 0.0000e+00 0.0000e+00 0.0000e+00 -7.2103e+01 -2.7945e+01 -2.4938e+00

2327 200 0.0000e+00 0.0000e+00 0.0000e+00 -7.6203e+01 -3.8323e+01 -9.5584e-01  
210 0.0000e+00 0.0000e+00 0.0000e+00 -7.8070e+01 -3.9707e+01 1.0157e+00  
211 0.0000e+00 0.0000e+00 0.0000e+00 -7.6602e+01 -3.5605e+01 6.0885e-02  
201 0.0000e+00 0.0000e+00 0.0000e+00 -7.4054e+01 -3.4908e+01 -1.9107e+00

2328 199 0.0000e+00 0.0000e+00 0.0000e+00 -8.1298e+01 -3.9845e+01 -2.0524e-01  
209 0.0000e+00 0.0000e+00 0.0000e+00 -8.2248e+01 -4.1233e+01 3.3790e+00  
210 0.0000e+00 0.0000e+00 0.0000e+00 -7.9292e+01 -3.9855e+01 2.3713e+00  
200 0.0000e+00 0.0000e+00 0.0000e+00 -7.7678e+01 -3.9047e+01 -1.2129e+00

2329 198 0.0000e+00 0.0000e+00 0.0000e+00 -8.8359e+01 -3.6785e+01 2.0143e-01  
208 0.0000e+00 0.0000e+00 0.0000e+00 -8.7804e+01 -3.7769e+01 5.2720e+00  
209 0.0000e+00 0.0000e+00 0.0000e+00 -8.3638e+01 -3.9967e+01 4.5188e+00  
199 0.0000e+00 0.0000e+00 0.0000e+00 -8.3221e+01 -3.9309e+01 -5.5178e-01

2330 197 0.0000e+00 0.0000e+00 0.0000e+00 -9.5679e+01 -2.8154e+01 -3.8728e-02  
207 0.0000e+00 0.0000e+00 0.0000e+00 -9.4770e+01 -2.8282e+01 5.8650e+00  
208 0.0000e+00 0.0000e+00 0.0000e+00 -8.9114e+01 -3.4798e+01 5.8825e+00  
198 0.0000e+00 0.0000e+00 0.0000e+00 -9.0503e+01 -3.4965e+01 -2.1177e-02

2331 196 0.0000e+00 0.0000e+00 0.0000e+00 -1.1844e+02 -1.8828e+01 -7.2552e+00  
12 0.0000e+00 0.0000e+00 0.0000e+00 -8.9352e+01 -3.4655e+00 3.5695e-01  
207 0.0000e+00 0.0000e+00 0.0000e+00 -9.4157e+01 -2.7299e+01 4.6596e+00  
197 0.0000e+00 0.0000e+00 0.0000e+00 -9.9669e+01 -2.1316e+01 -2.9525e+00

2332 194 0.0000e+00 0.0000e+00 0.0000e+00 -7.7197e+01 4.6475e+00 -2.7946e+00  
205 0.0000e+00 0.0000e+00 0.0000e+00 -7.0545e+01 6.6368e+00 -4.0584e+00  
206 0.0000e+00 0.0000e+00 0.0000e+00 -7.2223e+01 1.2400e+01 -1.6254e+00  
195 0.0000e+00 0.0000e+00 0.0000e+00 -7.7838e+01 9.0853e+00 -3.6170e-01

2333 193 0.0000e+00 0.0000e+00 0.0000e+00 -7.4795e+01 -5.8554e+00 -3.1521e+00  
204 0.0000e+00 0.0000e+00 0.0000e+00 -7.0519e+01 -5.8659e+00 -4.5641e+00  
205 0.0000e+00 0.0000e+00 0.0000e+00 -7.1767e+01 9.3844e-01 -4.8324e+00  
194 0.0000e+00 0.0000e+00 0.0000e+00 -7.6138e+01 1.5128e+00 -3.4204e+00

2334 192 0.0000e+00 0.0000e+00 0.0000e+00 -7.3647e+01 -1.6096e+01 -3.0801e+00  
203 0.0000e+00 0.0000e+00 0.0000e+00 -7.0829e+01 -1.6231e+01 -3.8457e+00  
204 0.0000e+00 0.0000e+00 0.0000e+00 -7.1048e+01 -9.5068e+00 -4.3457e+00  
193 0.0000e+00 0.0000e+00 0.0000e+00 -7.4833e+01 -8.5516e+00 -3.5802e+00

2335 191 0.0000e+00 0.0000e+00 0.0000e+00 -7.3771e+01 -2.5521e+01 -3.3587e+00  
202 0.0000e+00 0.0000e+00 0.0000e+00 -7.1463e+01 -2.5453e+01 -3.5050e+00  
203 0.0000e+00 0.0000e+00 0.0000e+00 -7.1365e+01 -1.9067e+01 -3.7008e+00  
192 0.0000e+00 0.0000e+00 0.0000e+00 -7.4138e+01 -1.8572e+01 -3.5545e+00

2336 190 0.0000e+00 0.0000e+00 0.0000e+00 -7.5360e+01 -3.3377e+01 -4.2024e+00  
201 0.0000e+00 0.0000e+00 0.0000e+00 -7.3148e+01 -3.3152e+01 -3.2635e+00  
202 0.0000e+00 0.0000e+00 0.0000e+00 -7.2197e+01 -2.7687e+01 -3.1853e+00  
191 0.0000e+00 0.0000e+00 0.0000e+00 -7.4588e+01 -2.7632e+01 -4.1242e+00

2337 189 0.0000e+00 0.0000e+00 0.0000e+00 -7.8905e+01 -3.8675e+01 -5.5424e+00  
200 0.0000e+00 0.0000e+00 0.0000e+00 -7.6528e+01 -3.8376e+01 -3.0333e+00  
201 0.0000e+00 0.0000e+00 0.0000e+00 -7.4251e+01 -3.4565e+01 -2.7768e+00  
190 0.0000e+00 0.0000e+00 0.0000e+00 -7.6577e+01 -3.4825e+01 -5.2860e+00

2338 188 0.0000e+00 0.0000e+00 0.0000e+00 -8.4726e+01 -4.0335e+01 -7.1618e+00  
199 0.0000e+00 0.0000e+00 0.0000e+00 -8.2001e+01 -4.0078e+01 -2.7823e+00  
200 0.0000e+00 0.0000e+00 0.0000e+00 -7.8099e+01 -3.8644e+01 -2.4557e+00  
189 0.0000e+00 0.0000e+00 0.0000e+00 -8.0592e+01 -3.9098e+01 -6.8352e+00

2339 187 0.0000e+00 0.0000e+00 0.0000e+00 -9.2989e+01 -3.7552e+01 -8.8370e+00  
198 0.0000e+00 0.0000e+00 0.0000e+00 -8.9394e+01 -3.7330e+01 -2.5879e+00  
199 0.0000e+00 0.0000e+00 0.0000e+00 -8.4016e+01 -3.8891e+01 -2.2667e+00  
188 0.0000e+00 0.0000e+00 0.0000e+00 -8.6901e+01 -3.9370e+01 -8.5157e+00

2340 186 0.0000e+00 0.0000e+00 0.0000e+00 -1.0135e+02 -3.0383e+01 -1.0647e+01  
197 0.0000e+00 0.0000e+00 0.0000e+00 -1.0014e+02 -2.9696e+01 -2.9132e+00  
198 0.0000e+00 0.0000e+00 0.0000e+00 -9.1717e+01 -3.4133e+01 -2.1012e+00  
187 0.0000e+00 0.0000e+00 0.0000e+00 -9.5588e+01 -3.5215e+01 -9.8346e+00

2341 185 0.0000e+00 0.0000e+00 0.0000e+00 -1.1973e+02 -2.2515e+01 -1.3205e+01  
196 0.0000e+00 0.0000e+00 0.0000e+00 -9.7728e+01 -1.9101e+01 -7.0018e+00  
197 0.0000e+00 0.0000e+00 0.0000e+00 -1.0150e+02 -2.6213e+01 -5.9066e+00  
186 0.0000e+00 0.0000e+00 0.0000e+00 -1.0458e+02 -2.5187e+01 -1.2110e+01

2342 183 0.0000e+00 0.0000e+00 0.0000e+00 -8.8611e+01 3.0181e+00 -9.2119e-01  
194 0.0000e+00 0.0000e+00 0.0000e+00 -7.9028e+01 3.3476e+00 -1.9501e+00  
195 0.0000e+00 0.0000e+00 0.0000e+00 -8.0101e+01 7.6194e+00 -1.4124e+00  
184 0.0000e+00 0.0000e+00 0.0000e+00 -8.9426e+01 6.7768e+00 -3.8355e-01

2343 182 0.0000e+00 0.0000e+00 0.0000e+00 -8.6361e+01 -5.8414e+00 -1.1056e+00  
193 0.0000e+00 0.0000e+00 0.0000e+00 -7.7335e+01 -6.0794e+00 -3.1696e+00  
194 0.0000e+00 0.0000e+00 0.0000e+00 -7.9211e+01 6.4693e-01 -3.3113e+00  
183 0.0000e+00 0.0000e+00 0.0000e+00 -8.8271e+01 7.1791e-01 -1.2474e+00

2344 181 0.0000e+00 0.0000e+00 0.0000e+00 -8.4127e+01 -1.6493e+01 -1.6734e+00  
192 0.0000e+00 0.0000e+00 0.0000e+00 -7.6101e+01 -1.6182e+01 -3.4899e+00  
193 0.0000e+00 0.0000e+00 0.0000e+00 -7.7362e+01 -9.2995e+00 -3.6332e+00  
182 0.0000e+00 0.0000e+00 0.0000e+00 -8.6200e+01 -8.6764e+00 -1.8167e+00

2345 180 0.0000e+00 0.0000e+00 0.0000e+00 -8.3003e+01 -2.6956e+01 -3.3062e+00  
191 0.0000e+00 0.0000e+00 0.0000e+00 -7.5795e+01 -2.5832e+01 -4.2747e+00  
192 0.0000e+00 0.0000e+00 0.0000e+00 -7.6217e+01 -1.9348e+01 -3.8062e+00  
181 0.0000e+00 0.0000e+00 0.0000e+00 -8.4359e+01 -1.9245e+01 -2.8376e+00

2346 179 0.0000e+00 0.0000e+00 0.0000e+00 -8.3626e+01 -3.5802e+01 -6.1796e+00  
190 0.0000e+00 0.0000e+00 0.0000e+00 -7.7004e+01 -3.3960e+01 -5.7781e+00  
191 0.0000e+00 0.0000e+00 0.0000e+00 -7.6236e+01 -2.8487e+01 -4.5789e+00  
180 0.0000e+00 0.0000e+00 0.0000e+00 -8.3657e+01 -2.9259e+01 -4.9804e+00

2347 178 0.0000e+00 0.0000e+00 0.0000e+00 -8.6460e+01 -4.1733e+01 -1.0038e+01  
189 0.0000e+00 0.0000e+00 0.0000e+00 -8.0278e+01 -3.9453e+01 -7.8284e+00  
190 0.0000e+00 0.0000e+00 0.0000e+00 -7.7960e+01 -3.5753e+01 -6.0801e+00  
179 0.0000e+00 0.0000e+00 0.0000e+00 -8.4723e+01 -3.7284e+01 -8.2901e+00

2348 177 0.0000e+00 0.0000e+00 0.0000e+00 -9.1719e+01 -4.3516e+01 -1.4342e+01  
188 0.0000e+00 0.0000e+00 0.0000e+00 -8.5971e+01 -4.1198e+01 -1.0074e+01  
189 0.0000e+00 0.0000e+00 0.0000e+00 -8.1860e+01 -4.0039e+01 -8.1124e+00  
178 0.0000e+00 0.0000e+00 0.0000e+00 -8.7999e+01 -4.1997e+01 -1.2380e+01

2349 176 0.0000e+00 0.0000e+00 0.0000e+00 -9.9299e+01 -4.0229e+01 -1.8322e+01  
187 0.0000e+00 0.0000e+00 0.0000e+00 -9.3892e+01 -3.8324e+01 -1.2110e+01  
188 0.0000e+00 0.0000e+00 0.0000e+00 -8.8173e+01 -4.0310e+01 -1.0375e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 -9.3619e+01 -4.2189e+01 -1.6587e+01

2350 175 0.0000e+00 0.0000e+00 0.0000e+00 -1.0729e+02 -3.1672e+01 -2.0787e+01  
186 0.0000e+00 0.0000e+00 0.0000e+00 -1.0424e+02 -3.1129e+01 -1.3355e+01  
187 0.0000e+00 0.0000e+00 0.0000e+00 -9.6646e+01 -3.5841e+01 -1.2395e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 -1.0125e+02 -3.7389e+01 -1.9827e+01

2351 174 0.0000e+00 0.0000e+00 0.0000e+00 -1.2177e+02 -2.0227e+01 -1.9929e+01  
185 0.0000e+00 0.0000e+00 0.0000e+00 -1.0475e+02 -2.1193e+01 -1.4006e+01  
186 0.0000e+00 0.0000e+00 0.0000e+00 -1.0665e+02 -2.8424e+01 -1.5546e+01  
175 0.0000e+00 0.0000e+00 0.0000e+00 -1.0901e+02 -2.6032e+01 -2.1469e+01

2352 172 0.0000e+00 0.0000e+00 0.0000e+00 -1.0577e+02 3.4067e+00 1.0097e+00  
183 0.0000e+00 0.0000e+00 0.0000e+00 -9.2910e+01 2.1397e+00 -7.6775e-02  
184 0.0000e+00 0.0000e+00 0.0000e+00 -9.3659e+01 5.8416e+00 -1.3672e+00  
173 0.0000e+00 0.0000e+00 0.0000e+00 -1.0702e+02 7.3876e+00 -2.8067e-01

2353 171 0.0000e+00 0.0000e+00 0.0000e+00 -1.0293e+02 -6.0658e+00 1.9733e+00  
182 0.0000e+00 0.0000e+00 0.0000e+00 -9.0660e+01 -6.4867e+00 -5.9302e-01  
183 0.0000e+00 0.0000e+00 0.0000e+00 -9.2663e+01 -2.5759e-01 -1.4515e+00  
172 0.0000e+00 0.0000e+00 0.0000e+00 -1.0563e+02 1.1930e+00 1.1149e+00

2354 170 0.0000e+00 0.0000e+00 0.0000e+00 -9.9497e+01 -1.8125e+01 1.2065e+00  
181 0.0000e+00 0.0000e+00 0.0000e+00 -8.8104e+01 -1.7177e+01 -1.6886e+00  
182 0.0000e+00 0.0000e+00 0.0000e+00 -9.0153e+01 -9.9054e+00 -1.6015e+00  
171 0.0000e+00 0.0000e+00 0.0000e+00 -1.0276e+02 -9.1471e+00 1.2936e+00

2355 169 0.0000e+00 0.0000e+00 0.0000e+00 -9.6855e+01 -3.0391e+01 -1.7893e+00  
180 0.0000e+00 0.0000e+00 0.0000e+00 -8.6355e+01 -2.7952e+01 -3.9717e+00  
181 0.0000e+00 0.0000e+00 0.0000e+00 -8.7676e+01 -2.0832e+01 -2.6078e+00

170 0.0000e+00 0.0000e+00 0.0000e+00 -9.9538e+01 -2.1366e+01 -4.2537e-01

2356 168 0.0000e+00 0.0000e+00 0.0000e+00 -9.5936e+01 -4.0817e+01 -6.8422e+00  
179 0.0000e+00 0.0000e+00 0.0000e+00 -8.6274e+01 -3.7152e+01 -7.5722e+00  
180 0.0000e+00 0.0000e+00 0.0000e+00 -8.6316e+01 -3.1193e+01 -4.9849e+00  
169 0.0000e+00 0.0000e+00 0.0000e+00 -9.7233e+01 -3.3168e+01 -4.2548e+00

2357 167 0.0000e+00 0.0000e+00 0.0000e+00 -9.7239e+01 -4.7680e+01 -1.3328e+01  
178 0.0000e+00 0.0000e+00 0.0000e+00 -8.8446e+01 -4.3293e+01 -1.2150e+01  
179 0.0000e+00 0.0000e+00 0.0000e+00 -8.6837e+01 -3.9472e+01 -8.7075e+00  
168 0.0000e+00 0.0000e+00 0.0000e+00 -9.6685e+01 -4.2589e+01 -9.8862e+00

2358 166 0.0000e+00 0.0000e+00 0.0000e+00 -1.0089e+02 -4.9407e+01 -2.0299e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 -9.3131e+01 -4.5026e+01 -1.7026e+01  
178 0.0000e+00 0.0000e+00 0.0000e+00 -8.9716e+01 -4.4278e+01 -1.3331e+01  
167 0.0000e+00 0.0000e+00 0.0000e+00 -9.8298e+01 -4.7953e+01 -1.6603e+01

2359 165 0.0000e+00 0.0000e+00 0.0000e+00 -1.0658e+02 -4.4573e+01 -2.6370e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 -1.0010e+02 -4.1310e+01 -2.1192e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 -9.5115e+01 -4.4336e+01 -1.8136e+01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -1.0206e+02 -4.7733e+01 -2.3315e+01

2360 164 0.0000e+00 0.0000e+00 0.0000e+00 -1.1335e+02 -3.2165e+01 -2.9493e+01  
175 0.0000e+00 0.0000e+00 0.0000e+00 -1.0880e+02 -3.1951e+01 -2.2996e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 -1.0273e+02 -3.8782e+01 -2.1955e+01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -1.0750e+02 -4.0835e+01 -2.8453e+01

2361 163 0.0000e+00 0.0000e+00 0.0000e+00 -1.2111e+02 -1.2733e+01 -2.5674e+01  
174 0.0000e+00 0.0000e+00 0.0000e+00 -1.1286e+02 -1.7689e+01 -2.0679e+01  
175 0.0000e+00 0.0000e+00 0.0000e+00 -1.1159e+02 -2.7777e+01 -2.4169e+01  
164 0.0000e+00 0.0000e+00 0.0000e+00 -1.1322e+02 -2.5123e+01 -2.9165e+01

2362 161 0.0000e+00 0.0000e+00 0.0000e+00 -1.2562e+02 6.3659e+00 3.6124e+00  
172 0.0000e+00 0.0000e+00 0.0000e+00 -1.1186e+02 3.1550e+00 2.0774e+00  
173 0.0000e+00 0.0000e+00 0.0000e+00 -1.1266e+02 7.0469e+00 -1.2780e+00  
162 0.0000e+00 0.0000e+00 0.0000e+00 -1.2763e+02 1.1151e+01 2.5692e-01

2363 160 0.0000e+00 0.0000e+00 0.0000e+00 -1.2141e+02 -5.5596e+00 6.5682e+00  
171 0.0000e+00 0.0000e+00 0.0000e+00 -1.0856e+02 -6.4905e+00 2.9222e+00  
172 0.0000e+00 0.0000e+00 0.0000e+00 -1.1115e+02 3.4993e-01 9.6785e-01  
161 0.0000e+00 0.0000e+00 0.0000e+00 -1.2551e+02 3.6795e+00 4.6139e+00

2364 159 0.0000e+00 0.0000e+00 0.0000e+00 -1.1627e+02 -2.0727e+01 5.9800e+00  
170 0.0000e+00 0.0000e+00 0.0000e+00 -1.0434e+02 -1.9087e+01 1.6245e+00  
171 0.0000e+00 0.0000e+00 0.0000e+00 -1.0738e+02 -1.0667e+01 1.8182e+00  
160 0.0000e+00 0.0000e+00 0.0000e+00 -1.2122e+02 -9.4487e+00 6.1737e+00

2365 158 0.0000e+00 0.0000e+00 0.0000e+00 -1.1185e+02 -3.5912e+01 1.6358e+00  
169 0.0000e+00 0.0000e+00 0.0000e+00 -1.0070e+02 -3.1990e+01 -2.0736e+00  
170 0.0000e+00 0.0000e+00 0.0000e+00 -1.0322e+02 -2.3600e+01 3.2479e-01  
159 0.0000e+00 0.0000e+00 0.0000e+00 -1.1614e+02 -2.4906e+01 4.0341e+00

2366 157 0.0000e+00 0.0000e+00 0.0000e+00 -1.0916e+02 -4.8497e+01 -5.6382e+00  
168 0.0000e+00 0.0000e+00 0.0000e+00 -9.8783e+01 -4.2931e+01 -7.8397e+00  
169 0.0000e+00 0.0000e+00 0.0000e+00 -1.0006e+02 -3.6009e+01 -3.6814e+00  
158 0.0000e+00 0.0000e+00 0.0000e+00 -1.1193e+02 -3.9508e+01 -1.4799e+00

2367 156 0.0000e+00 0.0000e+00 0.0000e+00 -1.0855e+02 -5.6432e+01 -1.4645e+01  
167 0.0000e+00 0.0000e+00 0.0000e+00 -9.9147e+01 -5.0010e+01 -1.4945e+01  
168 0.0000e+00 0.0000e+00 0.0000e+00 -9.8801e+01 -4.5848e+01 -9.7246e+00  
157 0.0000e+00 0.0000e+00 0.0000e+00 -1.0944e+02 -5.0806e+01 -9.4247e+00

2368 155 0.0000e+00 0.0000e+00 0.0000e+00 -1.0997e+02 -5.7802e+01 -2.4008e+01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -1.0191e+02 -5.1530e+01 -2.2329e+01  
167 0.0000e+00 0.0000e+00 0.0000e+00 -9.9872e+01 -5.1357e+01 -1.6931e+01  
156 0.0000e+00 0.0000e+00 0.0000e+00 -1.0892e+02 -5.6852e+01 -1.8610e+01

2369 154 0.0000e+00 0.0000e+00 0.0000e+00 -1.1289e+02 -5.0474e+01 -3.1906e+01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -1.0691e+02 -4.5926e+01 -2.8449e+01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -1.0332e+02 -5.0832e+01 -2.4103e+01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -1.1014e+02 -5.5757e+01 -2.7560e+01

2370 153 0.0000e+00 0.0000e+00 0.0000e+00 -1.1798e+02 -3.2266e+01 -3.5862e+01  
164 0.0000e+00 0.0000e+00 0.0000e+00 -1.1261e+02 -3.1919e+01 -3.0870e+01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -1.0893e+02 -4.2965e+01 -2.9561e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -1.1250e+02 -4.5471e+01 -3.4554e+01

2371 152 0.0000e+00 0.0000e+00 0.0000e+00 -1.1427e+02 -7.9591e-01 -2.9335e+01  
163 0.0000e+00 0.0000e+00 0.0000e+00 -1.2268e+02 -9.6345e+00 -2.5976e+01

	164	0.0000e+00	0.0000e+00	0.0000e+00	-1.1535e+02	-2.4760e+01	-3.0639e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	-1.1543e+02	-2.3432e+01	-3.3998e+01
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	-1.4196e+02	1.2935e+01	7.5141e+00
	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.3225e+02	7.2540e+00	5.1343e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.3338e+02	1.1937e+01	-8.6994e-01
	151	0.0000e+00	0.0000e+00	0.0000e+00	-1.4519e+02	1.9345e+01	1.5099e+00
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	-1.3569e+02	-3.8776e+00	1.3369e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-1.2715e+02	-5.2972e+00	7.9597e+00
	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.3085e+02	3.4441e+00	4.7315e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	-1.4191e+02	9.0619e+00	1.0140e+01
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	-1.2860e+02	-2.4317e+01	1.2928e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-1.2064e+02	-2.1696e+01	6.7375e+00
	160	0.0000e+00	0.0000e+00	0.0000e+00	-1.2506e+02	-1.0892e+01	7.2710e+00
	149	0.0000e+00	0.0000e+00	0.0000e+00	-1.3555e+02	-9.4338e+00	1.3462e+01
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	-1.2270e+02	-4.3626e+01	6.9254e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	-1.1486e+02	-3.8010e+01	1.6682e+00
	159	0.0000e+00	0.0000e+00	0.0000e+00	-1.1877e+02	-2.7459e+01	5.4525e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	-1.2843e+02	-3.0093e+01	1.0710e+01
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	-1.1866e+02	-5.8745e+01	-2.6308e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	-1.1099e+02	-5.1311e+01	-6.2036e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	-1.1364e+02	-4.2913e+01	-2.6386e-01
	147	0.0000e+00	0.0000e+00	0.0000e+00	-1.2256e+02	-4.8427e+01	3.3090e+00
2377	145	0.0000e+00	0.0000e+00	0.0000e+00	-1.1638e+02	-6.7621e+01	-1.3826e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	-1.0936e+02	-5.9436e+01	-1.5598e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-1.1049e+02	-5.4753e+01	-8.6203e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	-1.1850e+02	-6.1780e+01	-6.8480e+00
2378	144	0.0000e+00	0.0000e+00	0.0000e+00	-1.1551e+02	-6.8200e+01	-2.4977e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	-1.0977e+02	-6.0405e+01	-2.5092e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	-1.0947e+02	-6.0981e+01	-1.8176e+01
	145	0.0000e+00	0.0000e+00	0.0000e+00	-1.1602e+02	-6.8263e+01	-1.8061e+01
2379	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.1514e+02	-5.7663e+01	-3.4127e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	-1.1219e+02	-5.2001e+01	-3.2822e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	-1.1037e+02	-5.9448e+01	-2.7314e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	-1.1457e+02	-6.5793e+01	-2.8619e+01
2380	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.1849e+02	-3.2435e+01	-3.8929e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	-1.1336e+02	-3.1414e+01	-3.5980e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	-1.1310e+02	-4.8338e+01	-3.4205e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.1334e+02	-5.1188e+01	-3.7153e+01
2381	141	0.0000e+00	0.0000e+00	0.0000e+00	-9.7048e+01	1.4425e+01	-3.0034e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.3368e+02	1.8581e+00	-2.8947e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	-1.1573e+02	-1.9750e+01	-3.3684e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.1300e+02	-2.1990e+01	-3.4771e+01
2382	139	0.0000e+00	0.0000e+00	0.0000e+00	-1.4436e+02	2.4739e+01	1.3514e+01
	150	0.0000e+00	0.0000e+00	0.0000e+00	-1.4716e+02	1.5894e+01	9.7389e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	-1.4886e+02	2.2256e+01	7.5826e-02
	140	0.0000e+00	0.0000e+00	0.0000e+00	-1.4958e+02	3.4476e+01	3.8505e+00
2383	138	0.0000e+00	0.0000e+00	0.0000e+00	-1.3569e+02	-1.2145e+00	2.2841e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	-1.3930e+02	-2.4866e+00	1.5029e+01
	150	0.0000e+00	0.0000e+00	0.0000e+00	-1.4456e+02	1.0132e+01	1.0809e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	-1.4477e+02	1.8061e+01	1.8620e+01
2384	137	0.0000e+00	0.0000e+00	0.0000e+00	-1.2772e+02	-2.9468e+01	2.1393e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	-1.3021e+02	-2.5258e+01	1.3643e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	-1.3609e+02	-1.0263e+01	1.5451e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-1.3606e+02	-9.9944e+00	2.3201e+01
2385	136	0.0000e+00	0.0000e+00	0.0000e+00	-1.2197e+02	-5.3742e+01	1.2921e+01
	147	0.0000e+00	0.0000e+00	0.0000e+00	-1.2276e+02	-4.6251e+01	6.9406e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	-1.2779e+02	-3.2458e+01	1.2828e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-1.2792e+02	-3.7803e+01	1.8809e+01
2386	135	0.0000e+00	0.0000e+00	0.0000e+00	-1.1805e+02	-7.1245e+01	1.1615e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	-1.1771e+02	-6.2167e+01	-2.9453e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	-1.2133e+02	-5.1857e+01	5.0020e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	-1.2196e+02	-6.0104e+01	9.1088e+00
2387	134	0.0000e+00	0.0000e+00	0.0000e+00	-1.1514e+02	-8.0515e+01	-1.1487e+01

	145	0.0000e+00	0.0000e+00	0.0000e+00	-1.1469e+02	-7.1074e+01	-1.4136e+01
	146	0.0000e+00	0.0000e+00	0.0000e+00	-1.1699e+02	-6.5828e+01	-5.5809e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	-1.1770e+02	-7.5036e+01	-2.9320e+00
2388	133	0.0000e+00	0.0000e+00	0.0000e+00	-1.1258e+02	-7.9702e+01	-2.3347e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	-1.1295e+02	-7.0998e+01	-2.4978e+01
	145	0.0000e+00	0.0000e+00	0.0000e+00	-1.1432e+02	-7.2500e+01	-1.6955e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-1.1420e+02	-8.1284e+01	-1.5325e+01
2389	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.0897e+02	-6.5481e+01	-3.2676e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.1263e+02	-5.9152e+01	-3.3582e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	-1.1267e+02	-6.9486e+01	-2.7291e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-1.1060e+02	-7.6871e+01	-2.6385e+01
2390	131	0.0000e+00	0.0000e+00	0.0000e+00	-1.1103e+02	-3.3050e+01	-3.7930e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.0786e+02	-3.0842e+01	-3.7408e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.1205e+02	-5.4659e+01	-3.5106e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.0588e+02	-5.7471e+01	-3.5627e+01
2391	130	0.0000e+00	0.0000e+00	0.0000e+00	-6.4709e+01	3.0957e+01	-2.7234e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.4417e+02	1.5203e+01	-2.8885e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.0954e+02	-1.3323e+01	-3.2154e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-1.0237e+02	-2.1950e+01	-3.0503e+01
2392	128	0.0000e+00	0.0000e+00	0.0000e+00	-1.1566e+02	4.3242e+01	2.2677e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	-1.4529e+02	3.1215e+01	1.6565e+01
	140	0.0000e+00	0.0000e+00	0.0000e+00	-1.4801e+02	4.1220e+01	1.8091e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	-1.2415e+02	6.1360e+01	7.9213e+00
2393	127	0.0000e+00	0.0000e+00	0.0000e+00	-1.0655e+02	-8.9586e-01	3.3791e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-1.3331e+02	1.1894e+00	2.3639e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	-1.4041e+02	2.1366e+01	2.0431e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-1.1808e+02	3.0443e+01	3.0584e+01
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	-1.0257e+02	-3.8393e+01	2.7900e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-1.2277e+02	-3.0995e+01	2.0978e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-1.2960e+02	-9.3715e+00	2.6056e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-1.0844e+02	-1.3044e+01	3.2977e+01
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	-1.0082e+02	-6.6850e+01	1.6629e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-1.1616e+02	-5.7091e+01	1.2235e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-1.2104e+02	-3.9190e+01	2.0888e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-1.0400e+02	-4.8295e+01	2.5282e+01
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	-9.9520e+01	-8.5505e+01	3.7149e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	-1.1206e+02	-7.5034e+01	7.1573e-01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-1.1551e+02	-6.2794e+01	1.0506e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-1.0158e+02	-7.3667e+01	1.3505e+01
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	-9.7509e+01	-9.3920e+01	-8.8688e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	-1.0911e+02	-8.3929e+01	-1.1331e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	-1.1174e+02	-7.8401e+01	-1.7541e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	-9.9399e+01	-8.9288e+01	7.0793e-01
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	-9.4167e+01	-9.0713e+01	-1.9814e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-1.0613e+02	-8.2133e+01	-2.2290e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-1.0857e+02	-8.4811e+01	-1.3861e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-9.6269e+01	-9.4606e+01	-1.1385e+01
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	-8.7980e+01	-7.2356e+01	-2.7914e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.0363e+02	-6.6521e+01	-3.0565e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-1.0503e+02	-7.9708e+01	-2.4085e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-9.1447e+01	-8.7998e+01	-2.1435e+01
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	-9.0290e+01	-3.3423e+01	-3.2801e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-9.2057e+01	-3.0526e+01	-3.4454e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.0134e+02	-6.1068e+01	-3.1868e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-8.4041e+01	-6.3809e+01	-3.0215e+01
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	-1.2504e+01	4.5737e+01	-2.1096e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.5103e+02	2.7919e+01	-2.5492e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-9.2667e+01	-6.2929e+00	-2.5201e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-7.8937e+01	-2.4747e+01	-2.0804e+01
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	-2.2823e+01	7.8788e+01	3.5157e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-1.0835e+02	5.5404e+01	2.7720e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	-1.1057e+02	7.5671e+01	4.9605e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	-3.4253e+01	1.0190e+02	1.2398e+01

2403	114	0.0000e+00	0.0000e+00	0.0000e+00	-3.2528e+01	8.0415e+00	3.5574e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-9.3051e+01	-4.5174e-01	3.2336e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-9.5214e+01	3.7261e+01	3.7225e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-3.6305e+01	1.8110e+01	4.0463e+01
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	-4.3290e+01	-4.0928e+01	2.4824e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-8.8183e+01	-4.1257e+01	2.6073e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-8.9629e+01	-1.0265e+01	3.6106e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-3.9551e+01	-3.2467e+01	3.4857e+01
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	-5.0869e+01	-7.4712e+01	1.3988e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-8.7515e+01	-7.0423e+01	1.5308e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-8.7541e+01	-4.8089e+01	2.6252e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	-4.8419e+01	-6.7657e+01	2.4931e+01
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	-5.4634e+01	-9.6271e+01	2.9468e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	-8.7031e+01	-8.8731e+01	3.0918e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	-8.7574e+01	-7.4993e+01	1.3937e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-5.3824e+01	-9.1095e+01	1.3792e+01
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	-5.4513e+01	-1.0595e+02	-7.2033e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	-8.5400e+01	-9.6343e+01	-8.6133e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	-8.7129e+01	-9.1232e+01	1.3559e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	-5.5373e+01	-1.0336e+02	2.7659e+00
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	-5.0832e+01	-1.0284e+02	-1.5429e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-8.1799e+01	-9.2000e+01	-1.8485e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-8.5179e+01	-9.6489e+01	-1.0048e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-5.3060e+01	-1.0405e+02	-6.9914e+00
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	-4.2715e+01	-8.4073e+01	-2.1163e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-7.7330e+01	-7.2529e+01	-2.5580e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-8.0956e+01	-8.8910e+01	-1.8881e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-4.7194e+01	-9.1969e+01	-1.4464e+01
2410	100	0.0000e+00	0.0000e+00	0.0000e+00	-4.5687e+01	-4.2468e+01	-2.4928e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-5.9300e+01	-2.9836e+01	-2.9098e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-7.5211e+01	-6.6542e+01	-2.5947e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-3.7428e+01	-6.0780e+01	-2.1776e+01
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	6.2749e+01	5.2251e+01	-1.4773e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-1.4796e+02	3.6040e+01	-1.9097e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-6.1016e+01	1.1961e+00	-1.4003e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-3.2125e+01	-2.6121e+01	-9.6790e+00
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	1.2736e+02	-1.2840e+02	-1.5295e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	5.1218e+01	7.9095e+01	-3.0502e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	-7.5470e+01	1.3098e+02	1.6463e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	2.7651e+02	2.9593e+02	4.2181e+00
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	7.8061e+01	-1.3511e+02	-2.8156e+00
	114	0.0000e+00	0.0000e+00	0.0000e+00	2.2321e+01	-6.0129e+00	1.1421e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	5.6851e+00	4.2545e+01	1.4343e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	1.2082e+02	1.6527e+02	1.0580e-01
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	4.7722e+01	-1.4655e+02	6.5076e-01
	112	0.0000e+00	0.0000e+00	0.0000e+00	-1.2126e+00	-4.8920e+01	8.7650e+00
	114	0.0000e+00	0.0000e+00	0.0000e+00	-1.4137e+01	-1.8983e+01	1.1615e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	7.5535e+01	7.2431e+01	3.5007e+00
2415	111	0.0000e+00	0.0000e+00	0.0000e+00	3.0777e+01	-1.4784e+02	7.4923e-01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-1.6544e+01	-7.9511e+01	4.3819e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	-2.6043e+01	-6.0018e+01	8.3335e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	4.6942e+01	-2.9847e-01	4.7008e+00
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	2.4336e+01	-1.3808e+02	-1.1108e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	-2.5489e+01	-9.8249e+01	-7.0800e-01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-3.1656e+01	-8.7249e+01	3.7038e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	3.1242e+01	-5.7040e+01	3.3010e+00
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	2.6284e+01	-1.1583e+02	-3.3552e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	-2.9261e+01	-1.0510e+02	-5.1116e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	-3.1622e+01	-1.0198e+02	-1.0692e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	2.5421e+01	-1.0005e+02	6.8718e-01
2418	105	0.0000e+00	0.0000e+00	0.0000e+00	3.4742e+01	-7.9292e+01	-4.8185e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	-2.8864e+01	-9.9109e+01	-7.6306e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	-2.6643e+01	-1.0416e+02	-4.6453e+00

	107	0.0000e+00	0.0000e+00	0.0000e+00	2.7362e+01	-1.3048e+02	-1.8332e+00
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	4.7826e+01	-2.6661e+01	-5.3190e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	-2.5854e+01	-7.7952e+01	-7.6903e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	-1.7367e+01	-9.2610e+01	-5.7651e+00
	105	0.0000e+00	0.0000e+00	0.0000e+00	3.4988e+01	-1.4810e+02	-3.3938e+00
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	5.8997e+01	4.2963e+01	-8.5192e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	-1.5405e+01	-3.2730e+01	-9.6310e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	-3.9575e+00	-6.5312e+01	-5.6187e+00
	103	0.0000e+00	0.0000e+00	0.0000e+00	4.5509e+01	-1.4975e+02	-4.5070e+00
2421	1	0.0000e+00	0.0000e+00	0.0000e+00	1.5704e+02	1.3163e+02	-2.7718e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-1.3036e+02	3.3517e+01	-8.1314e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	7.7041e+00	7.6070e+00	1.4997e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	5.4912e+01	-1.4093e+02	-4.5891e+00

SFORZI "V+x" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	-3.2012e+01	4.6260e+01	8.3929e-01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-2.5237e+01	-6.7648e+01	1.3050e+01
	84	0.0000e+00	0.0000e+00	0.0000e+00	2.9478e+01	-8.9379e+01	-1.4716e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	-6.2983e+01	-1.7341e+02	-1.3682e+01
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	-3.0857e+01	5.7918e+01	7.5543e+00
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-1.9625e+01	-1.6105e+01	1.1367e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	2.7564e-01	-2.7629e+01	8.5740e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-4.3343e+01	-9.5905e+01	4.7611e+00
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	-2.8532e+01	5.8731e+01	9.1714e+00
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-1.4765e+01	1.3403e+01	1.1248e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-2.3541e+00	7.3668e+00	1.1022e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-3.6904e+01	-3.7496e+01	8.9452e+00
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	-2.8410e+01	4.8033e+01	8.8120e+00
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-1.0644e+01	2.8827e+01	9.8288e+00
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-5.3092e+00	2.6506e+01	1.0621e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-3.1768e+01	5.6712e+00	9.6038e+00
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	-3.0830e+01	2.5987e+01	8.3649e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-7.1749e+00	3.0736e+01	8.4837e+00
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-8.5567e+00	3.1858e+01	9.1152e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-2.9217e+01	3.5308e+01	8.9964e+00
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	-3.4938e+01	-8.1633e+00	9.5662e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-3.8016e+00	1.9472e+01	8.2202e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-1.2160e+01	2.3909e+01	7.6915e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-2.9197e+01	5.2632e+01	9.0375e+00
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	-3.6953e+01	-5.4673e+01	1.4056e+01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	2.8614e+00	-3.9101e+00	8.3370e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-1.4904e+01	2.4904e+00	6.3564e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-3.0307e+01	5.7327e+01	1.2075e+01
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-3.5220e+00	-1.1039e+02	2.2924e+01
	83	0.0000e+00	0.0000e+00	0.0000e+00	1.5746e+01	-3.1035e+01	-1.7885e+00
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-9.4110e+00	-2.8196e+01	8.1311e-01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-2.6417e+01	4.5810e+01	2.5525e+01
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	-2.6410e+01	4.5810e+01	-2.5540e+01
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-9.4087e+00	-2.8157e+01	-8.3258e-01
	83	0.0000e+00	0.0000e+00	0.0000e+00	1.5736e+01	-3.1029e+01	1.7586e+00
	28	0.0000e+00	0.0000e+00	0.0000e+00	-3.5119e+00	-1.1033e+02	-2.2949e+01
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	-3.0305e+01	5.7326e+01	-1.2093e+01
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-1.4900e+01	2.5146e+00	-6.3741e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	2.8608e+00	-3.8858e+00	-8.3538e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	-3.6945e+01	-5.4625e+01	-1.4073e+01
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	-2.9199e+01	5.2621e+01	-9.0568e+00
	1884	0.0000e+00	0.0000e+00	0.0000e+00	-1.2157e+01	2.3921e+01	-7.7109e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-3.8041e+00	1.9487e+01	-8.2387e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	-3.4935e+01	-8.1270e+00	-9.5846e+00
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	-2.9223e+01	3.5284e+01	-9.0157e+00
	1883	0.0000e+00	0.0000e+00	0.0000e+00	-8.5544e+00	3.1859e+01	-9.1350e+00

1884 0.0000e+00 0.0000e+00 0.0000e+00 -7.1788e+00 3.0739e+01 -8.5034e+00  
1652 0.0000e+00 0.0000e+00 0.0000e+00 -3.0831e+01 2.6014e+01 -8.3841e+00

686 1650 0.0000e+00 0.0000e+00 0.0000e+00 -3.1777e+01 5.6301e+00 -9.6223e+00  
1882 0.0000e+00 0.0000e+00 0.0000e+00 -5.3074e+00 2.6493e+01 -1.0640e+01  
1883 0.0000e+00 0.0000e+00 0.0000e+00 -1.0649e+01 2.8816e+01 -9.8486e+00  
1651 0.0000e+00 0.0000e+00 0.0000e+00 -2.8414e+01 4.8051e+01 -8.8310e+00

687 1649 0.0000e+00 0.0000e+00 0.0000e+00 -3.6918e+01 -3.7558e+01 -8.9618e+00  
1881 0.0000e+00 0.0000e+00 0.0000e+00 -2.3527e+00 7.3367e+00 -1.1039e+01  
1882 0.0000e+00 0.0000e+00 0.0000e+00 -1.4773e+01 1.3377e+01 -1.1267e+01  
1650 0.0000e+00 0.0000e+00 0.0000e+00 -2.8538e+01 5.8740e+01 -9.1896e+00

688 1648 0.0000e+00 0.0000e+00 0.0000e+00 -4.3364e+01 -9.5996e+01 -4.7749e+00  
1880 0.0000e+00 0.0000e+00 0.0000e+00 2.7429e-01 -2.7679e+01 -8.5873e+00  
1881 0.0000e+00 0.0000e+00 0.0000e+00 -1.9635e+01 -1.6151e+01 -1.1383e+01  
1649 0.0000e+00 0.0000e+00 0.0000e+00 -3.0867e+01 5.7918e+01 -7.5706e+00

689 27 0.0000e+00 0.0000e+00 0.0000e+00 -6.3034e+01 -1.7355e+02 1.3670e+01  
82 0.0000e+00 0.0000e+00 0.0000e+00 2.9499e+01 -8.9440e+01 1.4582e+00  
1880 0.0000e+00 0.0000e+00 0.0000e+00 -2.5251e+01 -6.7726e+01 -1.3065e+01  
1648 0.0000e+00 0.0000e+00 0.0000e+00 -3.2029e+01 4.6259e+01 -8.5294e-01

690 1879 0.0000e+00 0.0000e+00 0.0000e+00 -3.9095e+01 -6.3228e+01 3.3755e+01  
882 0.0000e+00 0.0000e+00 0.0000e+00 -7.6522e+01 6.4322e+01 1.5232e+01  
7 0.0000e+00 0.0000e+00 0.0000e+00 -9.0433e+01 -1.8676e+02 1.3954e+01  
73 0.0000e+00 0.0000e+00 0.0000e+00 -6.1201e+01 -5.6584e+01 3.2476e+01

691 1878 0.0000e+00 0.0000e+00 0.0000e+00 -2.7557e+01 -2.0013e+01 1.0464e+01  
880 0.0000e+00 0.0000e+00 0.0000e+00 -4.7047e+01 6.7530e+01 5.3723e+00  
882 0.0000e+00 0.0000e+00 0.0000e+00 -7.7803e+01 -9.9922e+01 1.4254e+01  
1879 0.0000e+00 0.0000e+00 0.0000e+00 -6.7007e+00 -3.0649e+01 1.9345e+01

692 1877 0.0000e+00 0.0000e+00 0.0000e+00 -1.8316e+01 1.4510e+01 3.8708e+00  
878 0.0000e+00 0.0000e+00 0.0000e+00 -3.7371e+01 6.3271e+01 2.8597e+00  
880 0.0000e+00 0.0000e+00 0.0000e+00 -5.1009e+01 -3.5029e+01 6.3114e+00  
1878 0.0000e+00 0.0000e+00 0.0000e+00 -6.6439e+00 6.6312e+00 7.3225e+00

693 1876 0.0000e+00 0.0000e+00 0.0000e+00 -1.2567e+01 3.0246e+01 1.9482e+00  
876 0.0000e+00 0.0000e+00 0.0000e+00 -3.5604e+01 4.8239e+01 2.0820e+00  
878 0.0000e+00 0.0000e+00 0.0000e+00 -3.9908e+01 1.1449e+01 3.0450e+00  
1877 0.0000e+00 0.0000e+00 0.0000e+00 -8.0038e+00 2.7461e+01 2.9113e+00

694 1875 0.0000e+00 0.0000e+00 0.0000e+00 -8.9480e+00 2.9609e+01 7.8134e-01  
874 0.0000e+00 0.0000e+00 0.0000e+00 -3.9699e+01 2.0169e+01 1.2839e+00  
876 0.0000e+00 0.0000e+00 0.0000e+00 -3.5998e+01 4.2881e+01 2.2131e+00  
1876 0.0000e+00 0.0000e+00 0.0000e+00 -1.1672e+01 3.1529e+01 1.7106e+00

695 1874 0.0000e+00 0.0000e+00 0.0000e+00 -7.6383e+00 1.2164e+01 -3.5117e+00  
872 0.0000e+00 0.0000e+00 0.0000e+00 -5.1043e+01 -2.3157e+01 -1.8468e+00  
874 0.0000e+00 0.0000e+00 0.0000e+00 -3.7948e+01 6.1406e+01 1.5047e+00  
1875 0.0000e+00 0.0000e+00 0.0000e+00 -1.7497e+01 1.9191e+01 -1.6020e-01

696 1873 0.0000e+00 0.0000e+00 0.0000e+00 -7.4892e+00 -2.1776e+01 -1.5297e+01  
870 0.0000e+00 0.0000e+00 0.0000e+00 -7.8380e+01 -8.5220e+01 -9.5575e+00  
872 0.0000e+00 0.0000e+00 0.0000e+00 -4.7859e+01 6.9263e+01 -8.3116e-01  
1874 0.0000e+00 0.0000e+00 0.0000e+00 -2.6850e+01 -1.2132e+01 -6.5707e+00

697 72 0.0000e+00 0.0000e+00 0.0000e+00 -6.7397e+01 -4.4206e+01 -2.7979e+01  
6 0.0000e+00 0.0000e+00 0.0000e+00 -8.7683e+01 -1.6938e+02 -8.1127e+00  
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796 0.0000e+00 0.0000e+00 0.0000e+00 -7.8029e+01 6.9244e+01 1.0769e+01  
6 0.0000e+00 0.0000e+00 0.0000e+00 -8.7706e+01 -1.6930e+02 8.2384e+00  
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1871 0.0000e+00 0.0000e+00 0.0000e+00 -7.6585e+00 1.2149e+01 3.6686e+00

701 1869 0.0000e+00 0.0000e+00 0.0000e+00 -1.1675e+01 3.1461e+01 -1.5688e+00



790 0.0000e+00 0.0000e+00 0.0000e+00 -3.6073e+01 4.2717e+01 -2.0706e+00  
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1870 0.0000e+00 0.0000e+00 0.0000e+00 -8.9772e+00 2.9552e+01 -6.3109e-01

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788 0.0000e+00 0.0000e+00 0.0000e+00 -4.0008e+01 1.1173e+01 -2.9208e+00  
790 0.0000e+00 0.0000e+00 0.0000e+00 -3.5669e+01 4.8284e+01 -1.9447e+00  
1869 0.0000e+00 0.0000e+00 0.0000e+00 -1.2608e+01 3.0125e+01 -1.8084e+00

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784 0.0000e+00 0.0000e+00 0.0000e+00 -7.7938e+01 -1.0056e+02 -1.4199e+01  
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1023 0.0000e+00 0.0000e+00 0.0000e+00 -8.5264e+01 -9.4099e+01 2.1114e+01  
1865 0.0000e+00 0.0000e+00 0.0000e+00 -1.1874e+01 -4.1543e+01 2.7172e+01

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1863 0.0000e+00 0.0000e+00 0.0000e+00 -1.4532e+01 -5.8272e+00 4.4169e+00

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1015 0.0000e+00 0.0000e+00 0.0000e+00 -5.9844e+01 -3.8735e+01 -7.8044e+00  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -5.0524e+01 2.5136e+01 -1.2490e+00  
1862 0.0000e+00 0.0000e+00 0.0000e+00 -1.9200e+01 -1.1316e+01 -3.2151e+00

711 1860 0.0000e+00 0.0000e+00 0.0000e+00 -1.1971e+01 -4.1640e+01 -2.3637e+01  
1013 0.0000e+00 0.0000e+00 0.0000e+00 -8.5817e+01 -9.4207e+01 -1.7457e+01  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -5.9413e+01 3.9646e+01 -7.3192e+00  
1861 0.0000e+00 0.0000e+00 0.0000e+00 -2.7388e+01 -3.5732e+01 -1.3499e+01

712 74 0.0000e+00 0.0000e+00 0.0000e+00 -7.2094e+01 -5.0784e+01 -3.4650e+01  
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1860 0.0000e+00 0.0000e+00 0.0000e+00 -3.6216e+01 -6.1714e+01 -3.8774e+01

713 1599 0.0000e+00 0.0000e+00 0.0000e+00 -3.6899e+01 3.1199e+01 -1.3837e+01  
1859 0.0000e+00 0.0000e+00 0.0000e+00 -2.0553e+01 -6.3163e+01 -3.2815e-01  
86 0.0000e+00 0.0000e+00 0.0000e+00 2.3284e+01 -8.0451e+01 -1.1763e+01  
31 0.0000e+00 0.0000e+00 0.0000e+00 -5.6721e+01 -1.4908e+02 -2.5272e+01

714 1598 0.0000e+00 0.0000e+00 0.0000e+00 -3.7663e+01 3.2589e+01 -5.9411e+00  
1858 0.0000e+00 0.0000e+00 0.0000e+00 -1.7440e+01 -2.3906e+01 -2.0472e+00  
1859 0.0000e+00 0.0000e+00 0.0000e+00 -4.2060e+00 -3.4675e+01 -5.2858e+00  
1599 0.0000e+00 0.0000e+00 0.0000e+00 -4.3975e+01 -8.3883e+01 -9.1798e+00

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1598 0.0000e+00 0.0000e+00 0.0000e+00 -4.0885e+01 -3.5337e+01 -4.0423e+00

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1594 0.0000e+00 0.0000e+00 0.0000e+00 -3.6727e+01 3.1633e+01 1.1447e+01

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4 0.0000e+00 0.0000e+00 0.0000e+00 -8.6174e+01 -1.6592e+02 1.5657e+01  
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957 0.0000e+00 0.0000e+00 0.0000e+00 -8.5675e+01 -9.3008e+01 1.7728e+01  
1853 0.0000e+00 0.0000e+00 0.0000e+00 -1.2006e+01 -4.1016e+01 2.3909e+01

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953 0.0000e+00 0.0000e+00 0.0000e+00 -5.0607e+01 2.4667e+01 1.5800e+00  
955 0.0000e+00 0.0000e+00 0.0000e+00 -5.9802e+01 -3.7837e+01 8.1244e+00  
1852 0.0000e+00 0.0000e+00 0.0000e+00 -1.3450e+01 -1.6757e+01 1.0102e+01

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1851 0.0000e+00 0.0000e+00 0.0000e+00 -1.4664e+01 -5.8532e+00 1.1208e+00

724 1849 0.0000e+00 0.0000e+00 0.0000e+00 -1.3259e+01 -1.7629e+01 -1.3112e+01  
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947 0.0000e+00 0.0000e+00 0.0000e+00 -8.5595e+01 -9.5877e+01 -2.0958e+01  
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726 69 0.0000e+00 0.0000e+00 0.0000e+00 -7.0484e+01 -5.0721e+01 -3.7254e+01  
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1848 0.0000e+00 0.0000e+00 0.0000e+00 -3.5926e+01 -6.3119e+01 -4.1763e+01

727 1557 0.0000e+00 0.0000e+00 0.0000e+00 -3.6721e+01 3.1628e+01 -1.1433e+01  
1847 0.0000e+00 0.0000e+00 0.0000e+00 -2.0241e+01 -6.1100e+01 2.0776e+00  
81 0.0000e+00 0.0000e+00 0.0000e+00 2.3180e+01 -7.8005e+01 -9.0704e+00  
26 0.0000e+00 0.0000e+00 0.0000e+00 -5.6123e+01 -1.4565e+02 -2.2581e+01

728 1556 0.0000e+00 0.0000e+00 0.0000e+00 -3.7581e+01 3.2390e+01 -3.6778e+00  
1846 0.0000e+00 0.0000e+00 0.0000e+00 -1.7217e+01 -2.2624e+01 1.5033e-01  
1847 0.0000e+00 0.0000e+00 0.0000e+00 -4.2906e+00 -3.3119e+01 -2.9555e+00  
1557 0.0000e+00 0.0000e+00 0.0000e+00 -4.3702e+01 -8.1144e+01 -6.7836e+00

729 1555 0.0000e+00 0.0000e+00 0.0000e+00 -3.7150e+01 2.2467e+01 -5.1833e-01  
1845 0.0000e+00 0.0000e+00 0.0000e+00 -1.3488e+01 -4.6816e+00 1.0780e+00  
1846 0.0000e+00 0.0000e+00 0.0000e+00 -7.0963e+00 -9.0147e+00 -2.1152e-01  
1556 0.0000e+00 0.0000e+00 0.0000e+00 -4.0703e+01 -3.3262e+01 -1.8078e+00

730 1554 0.0000e+00 0.0000e+00 0.0000e+00 -3.8183e+01 -1.6917e-01 1.4876e+00  
1844 0.0000e+00 0.0000e+00 0.0000e+00 -1.0102e+01 -3.8749e-01 1.4491e+00  
1845 0.0000e+00 0.0000e+00 0.0000e+00 -1.0274e+01 -2.5903e-01 6.2736e-01  
1555 0.0000e+00 0.0000e+00 0.0000e+00 -3.8080e+01 1.3715e+00 6.6595e-01

731 1553 0.0000e+00 0.0000e+00 0.0000e+00 -4.0911e+01 -3.5498e+01 4.0386e+00  
1843 0.0000e+00 0.0000e+00 0.0000e+00 -6.9546e+00 -9.9051e+00 2.3651e+00  
1844 0.0000e+00 0.0000e+00 0.0000e+00 -1.3692e+01 -5.3121e+00 1.0094e+00  
1554 0.0000e+00 0.0000e+00 0.0000e+00 -3.7149e+01 2.3332e+01 2.6829e+00

732 1552 0.0000e+00 0.0000e+00 0.0000e+00 -4.4015e+01 -8.4106e+01 9.1838e+00  
1842 0.0000e+00 0.0000e+00 0.0000e+00 -4.2120e+00 -3.4805e+01 5.2915e+00  
1843 0.0000e+00 0.0000e+00 0.0000e+00 -1.7463e+01 -2.4016e+01 2.0455e+00

	1553	0.0000e+00	0.0000e+00	0.0000e+00	-3.7683e+01	3.2589e+01	5.9377e+00
733	25	0.0000e+00	0.0000e+00	0.0000e+00	-5.6857e+01	-1.4940e+02	2.5296e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	2.3329e+01	-8.0647e+01	1.1795e+01
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-2.0594e+01	-6.3353e+01	3.3393e-01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-3.6936e+01	3.1185e+01	1.3835e+01
734	1515	0.0000e+00	0.0000e+00	0.0000e+00	-1.9900e+01	7.1310e+01	-7.4509e+00
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-1.3154e+01	9.4449e+00	7.1481e-01
	88	0.0000e+00	0.0000e+00	0.0000e+00	1.0416e+01	-5.7311e+00	-2.9421e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	-2.8954e+01	-5.9368e+01	-1.1108e+01
735	1514	0.0000e+00	0.0000e+00	0.0000e+00	-2.0435e+01	7.7461e+01	-6.8480e+00
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-1.0938e+01	3.5686e+01	-3.4808e+00
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-2.4878e-01	2.8660e+01	-2.3689e+00
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-2.5139e+01	-1.5617e+01	-5.7360e+00
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	-1.9950e+01	7.6102e+01	-8.3597e+00
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-8.6714e+00	5.1408e+01	-6.5636e+00
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-2.3309e+00	4.7776e+01	-4.7719e+00
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-2.3097e+01	1.9051e+01	-6.5680e+00
737	1512	0.0000e+00	0.0000e+00	0.0000e+00	-1.9646e+01	6.6519e+01	-1.0223e+01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	-6.5100e+00	5.9031e+01	-9.7916e+00
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-4.1812e+00	5.7744e+01	-7.7587e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-2.1208e+01	4.5682e+01	-8.1898e+00
738	1511	0.0000e+00	0.0000e+00	0.0000e+00	-2.0303e+01	4.9669e+01	-1.2454e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	-4.5591e+00	5.8711e+01	-1.2971e+01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	-6.0948e+00	5.9649e+01	-1.0870e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-1.9686e+01	6.3964e+01	-1.0353e+01
739	1510	0.0000e+00	0.0000e+00	0.0000e+00	-2.2422e+01	2.5234e+01	-1.4542e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	-2.9195e+00	5.0330e+01	-1.5777e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	-8.2797e+00	5.3604e+01	-1.3938e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-1.9258e+01	7.4561e+01	-1.2702e+01
740	1509	0.0000e+00	0.0000e+00	0.0000e+00	-2.6250e+01	-7.7177e+00	-1.5747e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	-1.5724e+00	3.3486e+01	-1.7676e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	-1.0942e+01	3.9340e+01	-1.6588e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-2.0310e+01	7.8095e+01	-1.4658e+01
741	1508	0.0000e+00	0.0000e+00	0.0000e+00	-3.1698e+01	-5.0595e+01	-1.5066e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	-3.1528e-01	7.2989e+00	-1.7950e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	-1.4191e+01	1.6230e+01	-1.8273e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-2.2950e+01	7.4852e+01	-1.5389e+01
742	1507	0.0000e+00	0.0000e+00	0.0000e+00	-3.7525e+01	-1.0491e+02	-1.0781e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	2.6917e-01	-3.0944e+01	-1.5106e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	-1.8121e+01	-1.6516e+01	-1.8088e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-2.6824e+01	6.4161e+01	-1.3763e+01
743	32	0.0000e+00	0.0000e+00	0.0000e+00	-5.8113e+01	-1.7561e+02	6.0729e+00
	87	0.0000e+00	0.0000e+00	0.0000e+00	2.9558e+01	-8.8568e+01	-6.9163e+00
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-2.2250e+01	-6.8408e+01	-1.9997e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-2.9397e+01	4.8064e+01	-7.0074e+00
744	1446	0.0000e+00	0.0000e+00	0.0000e+00	-2.6140e+01	4.8020e+01	-3.4659e+00
	1832	0.0000e+00	0.0000e+00	0.0000e+00	-2.3969e+01	-6.4804e+01	7.8655e+00
	87	0.0000e+00	0.0000e+00	0.0000e+00	3.0417e+01	-8.5943e+01	-5.7315e+00
	32	0.0000e+00	0.0000e+00	0.0000e+00	-5.8368e+01	-1.7096e+02	-1.7063e+01
745	1445	0.0000e+00	0.0000e+00	0.0000e+00	-2.3492e+01	6.4269e+01	1.6525e+00
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-1.8461e+01	-1.1824e+01	5.1333e+00
	1832	0.0000e+00	0.0000e+00	0.0000e+00	2.4298e+00	-2.3846e+01	3.4228e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-3.7577e+01	-9.6439e+01	-5.8021e-02
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	-1.9493e+01	7.2268e+01	1.1144e+00
	1830	0.0000e+00	0.0000e+00	0.0000e+00	-1.3817e+01	2.1383e+01	3.1414e+00
	1831	0.0000e+00	0.0000e+00	0.0000e+00	7.3734e-01	1.4079e+01	4.5337e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-3.0084e+01	-3.9654e+01	2.5068e+00
747	1443	0.0000e+00	0.0000e+00	0.0000e+00	-1.7353e+01	7.1393e+01	-2.3694e+00
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-9.9369e+00	4.2950e+01	-1.1472e+00
	1830	0.0000e+00	0.0000e+00	0.0000e+00	-1.2037e+00	3.8595e+01	2.0475e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-2.3696e+01	3.6164e+00	8.2528e-01
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.7484e+01	6.1918e+01	-7.3013e+00
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-6.8184e+00	5.3699e+01	-6.6143e+00

1829 0.0000e+00 0.0000e+00 0.0000e+00 -3.3607e+00 5.1939e+01 -2.5376e+00  
1443 0.0000e+00 0.0000e+00 0.0000e+00 -1.9599e+01 3.5381e+01 -3.2245e+00

749 1441 0.0000e+00 0.0000e+00 0.0000e+00 -2.0043e+01 4.3033e+01 -1.2450e+01  
1827 0.0000e+00 0.0000e+00 0.0000e+00 -4.3380e+00 5.4008e+01 -1.2250e+01  
1828 0.0000e+00 0.0000e+00 0.0000e+00 -6.0743e+00 5.4774e+01 -8.1287e+00  
1442 0.0000e+00 0.0000e+00 0.0000e+00 -1.7916e+01 5.7318e+01 -8.3282e+00

750 1440 0.0000e+00 0.0000e+00 0.0000e+00 -2.5121e+01 1.3268e+01 -1.6632e+01  
1826 0.0000e+00 0.0000e+00 0.0000e+00 -2.3077e+00 4.3554e+01 -1.7007e+01  
1827 0.0000e+00 0.0000e+00 0.0000e+00 -9.5411e+00 4.7005e+01 -1.3685e+01  
1441 0.0000e+00 0.0000e+00 0.0000e+00 -1.8621e+01 7.0497e+01 -1.3310e+01

751 1439 0.0000e+00 0.0000e+00 0.0000e+00 -3.2601e+01 -2.9488e+01 -1.8503e+01  
1825 0.0000e+00 0.0000e+00 0.0000e+00 -3.8073e-01 2.1281e+01 -1.9792e+01  
1826 0.0000e+00 0.0000e+00 0.0000e+00 -1.3887e+01 2.7835e+01 -1.8198e+01  
1440 0.0000e+00 0.0000e+00 0.0000e+00 -2.1617e+01 7.5343e+01 -1.6908e+01

752 1438 0.0000e+00 0.0000e+00 0.0000e+00 -4.1153e+01 -8.7672e+01 -1.6210e+01  
1824 0.0000e+00 0.0000e+00 0.0000e+00 1.7296e+00 -1.5185e+01 -1.9320e+01  
1825 0.0000e+00 0.0000e+00 0.0000e+00 -1.9025e+01 -4.0275e+00 -2.0652e+01  
1439 0.0000e+00 0.0000e+00 0.0000e+00 -2.6478e+01 7.1184e+01 -1.7542e+01

753 31 0.0000e+00 0.0000e+00 0.0000e+00 -5.8067e+01 -1.6544e+02 -8.6410e-01  
86 0.0000e+00 0.0000e+00 0.0000e+00 2.7517e+01 -7.4510e+01 -1.2949e+01  
1824 0.0000e+00 0.0000e+00 0.0000e+00 -2.4295e+01 -5.5889e+01 -2.4104e+01  
1438 0.0000e+00 0.0000e+00 0.0000e+00 -2.9888e+01 5.7862e+01 -1.2019e+01

754 1823 0.0000e+00 0.0000e+00 0.0000e+00 -4.3290e+01 1.5182e+00 2.5677e+01  
692 0.0000e+00 0.0000e+00 0.0000e+00 -6.7583e+01 1.0078e+02 -7.4198e+00  
11 0.0000e+00 0.0000e+00 0.0000e+00 -9.9835e+01 -1.0099e+02 4.3240e+00  
77 0.0000e+00 0.0000e+00 0.0000e+00 -6.9876e+01 -2.8159e+01 3.7420e+01

755 1822 0.0000e+00 0.0000e+00 0.0000e+00 -2.2945e+01 3.3013e+01 2.4281e+00  
690 0.0000e+00 0.0000e+00 0.0000e+00 -3.9211e+01 9.9846e+01 -5.4827e+00  
692 0.0000e+00 0.0000e+00 0.0000e+00 -6.5154e+01 -3.2771e+01 -6.1709e-01  
1823 0.0000e+00 0.0000e+00 0.0000e+00 -1.1066e+01 2.3114e+01 7.2937e+00

756 1821 0.0000e+00 0.0000e+00 0.0000e+00 -1.4101e+01 5.7868e+01 -1.0586e+00  
688 0.0000e+00 0.0000e+00 0.0000e+00 -2.9340e+01 9.4658e+01 -3.0638e+00  
690 0.0000e+00 0.0000e+00 0.0000e+00 -3.9773e+01 1.6195e+01 -2.5718e+00  
1822 0.0000e+00 0.0000e+00 0.0000e+00 -7.2319e+00 5.1878e+01 -5.6664e-01

757 1820 0.0000e+00 0.0000e+00 0.0000e+00 -9.3045e+00 6.9479e+01 -2.3788e-01  
686 0.0000e+00 0.0000e+00 0.0000e+00 -2.5506e+01 8.2994e+01 -1.1437e+00  
688 0.0000e+00 0.0000e+00 0.0000e+00 -3.0062e+01 5.1142e+01 -2.3139e+00  
1821 0.0000e+00 0.0000e+00 0.0000e+00 -6.3587e+00 6.7290e+01 -1.4081e+00

758 1819 0.0000e+00 0.0000e+00 0.0000e+00 -6.2281e+00 7.0666e+01 1.9983e+00  
684 0.0000e+00 0.0000e+00 0.0000e+00 -2.4838e+01 6.4011e+01 9.5760e-01  
686 0.0000e+00 0.0000e+00 0.0000e+00 -2.5358e+01 7.4414e+01 -7.1567e-01  
1820 0.0000e+00 0.0000e+00 0.0000e+00 -7.5585e+00 7.1523e+01 3.2506e-01

759 1818 0.0000e+00 0.0000e+00 0.0000e+00 -4.1935e+00 6.2044e+01 4.0034e+00  
682 0.0000e+00 0.0000e+00 0.0000e+00 -2.6936e+01 3.7061e+01 2.7178e+00  
684 0.0000e+00 0.0000e+00 0.0000e+00 -2.3675e+01 8.7803e+01 1.3777e+00  
1819 0.0000e+00 0.0000e+00 0.0000e+00 -9.7395e+00 6.5835e+01 2.6632e+00

760 1817 0.0000e+00 0.0000e+00 0.0000e+00 -3.1680e+00 4.3417e+01 4.3467e+00  
680 0.0000e+00 0.0000e+00 0.0000e+00 -3.2433e+01 1.0658e+00 3.1418e+00  
682 0.0000e+00 0.0000e+00 0.0000e+00 -2.4806e+01 9.2651e+01 3.1005e+00  
1818 0.0000e+00 0.0000e+00 0.0000e+00 -1.2937e+01 5.0392e+01 4.3054e+00

761 1816 0.0000e+00 0.0000e+00 0.0000e+00 -3.8006e+00 1.3800e+01 9.9721e-01  
678 0.0000e+00 0.0000e+00 0.0000e+00 -4.3110e+01 -4.5755e+01 8.2732e-01  
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1817 0.0000e+00 0.0000e+00 0.0000e+00 -1.7708e+01 2.4518e+01 3.6296e+00

762 1815 0.0000e+00 0.0000e+00 0.0000e+00 -4.1068e+00 -2.6076e+01 -8.2622e+00  
676 0.0000e+00 0.0000e+00 0.0000e+00 -6.6063e+01 -1.0617e+02 -5.4094e+00  
678 0.0000e+00 0.0000e+00 0.0000e+00 -4.0074e+01 8.1275e+01 1.5499e+00  
1816 0.0000e+00 0.0000e+00 0.0000e+00 -2.5024e+01 -1.4475e+01 -1.3030e+00

763 76 0.0000e+00 0.0000e+00 0.0000e+00 -4.4569e+01 -6.0461e+01 -1.9769e+01  
10 0.0000e+00 0.0000e+00 0.0000e+00 -7.4099e+01 -1.8298e+02 -8.3066e+00  
676 0.0000e+00 0.0000e+00 0.0000e+00 -6.4707e+01 6.7985e+01 -7.3016e+00  
1815 0.0000e+00 0.0000e+00 0.0000e+00 -3.3584e+01 -5.6792e+01 -1.8764e+01

764 1814 0.0000e+00 0.0000e+00 0.0000e+00 -3.4099e+01 -5.7360e+01 2.0767e+01

	576	0.0000e+00	0.0000e+00	0.0000e+00	-5.8988e+01	6.2400e+01	7.8801e+00
	10	0.0000e+00	0.0000e+00	0.0000e+00	-7.4968e+01	-1.7618e+02	9.4596e+00
	76	0.0000e+00	0.0000e+00	0.0000e+00	-4.3319e+01	-5.9647e+01	2.2346e+01
765	1813	0.0000e+00	0.0000e+00	0.0000e+00	-2.3980e+01	-1.2628e+01	3.4811e+00
	574	0.0000e+00	0.0000e+00	0.0000e+00	-3.4482e+01	7.2968e+01	1.2673e-01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-6.2594e+01	-9.6264e+01	6.5994e+00
	1814	0.0000e+00	0.0000e+00	0.0000e+00	-2.4280e+00	-2.3907e+01	9.9537e+00
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	-1.6100e+01	2.4237e+01	2.6718e-01
	572	0.0000e+00	0.0000e+00	0.0000e+00	-2.4668e+01	7.8266e+01	-1.0955e-01
	574	0.0000e+00	0.0000e+00	0.0000e+00	-3.9443e+01	-3.6009e+01	1.0596e+00
	1813	0.0000e+00	0.0000e+00	0.0000e+00	-2.0612e+00	1.5629e+01	1.4363e+00
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	-1.1033e+01	4.6628e+01	1.8752e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	-2.0742e+01	7.6260e+01	2.3404e+00
	572	0.0000e+00	0.0000e+00	0.0000e+00	-2.8385e+01	8.6388e+00	6.1433e-01
	1812	0.0000e+00	0.0000e+00	0.0000e+00	-2.4801e+00	4.1802e+01	1.4916e-01
768	1810	0.0000e+00	0.0000e+00	0.0000e+00	-7.5516e+00	5.7188e+01	5.6152e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	-2.0716e+01	6.5692e+01	6.1792e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	-2.2807e+01	4.0987e+01	3.2537e+00
	1811	0.0000e+00	0.0000e+00	0.0000e+00	-4.3580e+00	5.5475e+01	2.6897e+00
769	1809	0.0000e+00	0.0000e+00	0.0000e+00	-5.1188e+00	5.6470e+01	9.4421e+00
	566	0.0000e+00	0.0000e+00	0.0000e+00	-2.4220e+01	4.5337e+01	9.9565e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	-2.1069e+01	6.3142e+01	7.1637e+00
	1810	0.0000e+00	0.0000e+00	0.0000e+00	-7.2637e+00	5.7722e+01	6.6493e+00
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	-3.6344e+00	4.3899e+01	1.1422e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-3.1915e+01	1.3375e+01	1.2096e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-2.2825e+01	7.6392e+01	1.0826e+01
	1809	0.0000e+00	0.0000e+00	0.0000e+00	-1.1407e+01	4.8465e+01	1.0152e+01
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	-3.7835e+00	1.7686e+01	8.8300e+00
	562	0.0000e+00	0.0000e+00	0.0000e+00	-4.6017e+01	-3.2938e+01	1.0635e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-2.8785e+01	8.1514e+01	1.2787e+01
	1808	0.0000e+00	0.0000e+00	0.0000e+00	-1.7486e+01	2.6490e+01	1.0981e+01
772	1806	0.0000e+00	0.0000e+00	0.0000e+00	-4.4765e+00	-2.3362e+01	-2.3165e+00
	560	0.0000e+00	0.0000e+00	0.0000e+00	-7.5430e+01	-9.7804e+01	3.3920e+00
	562	0.0000e+00	0.0000e+00	0.0000e+00	-4.1657e+01	7.9631e+01	1.1787e+01
	1807	0.0000e+00	0.0000e+00	0.0000e+00	-2.7085e+01	-1.1984e+01	6.0789e+00
773	75	0.0000e+00	0.0000e+00	0.0000e+00	-6.7583e+01	-5.6941e+01	-1.7604e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	-8.5079e+01	-1.8562e+02	2.5579e+00
	560	0.0000e+00	0.0000e+00	0.0000e+00	-7.3630e+01	7.2072e+01	2.1633e+00
	1806	0.0000e+00	0.0000e+00	0.0000e+00	-3.9605e+01	-5.5797e+01	-1.7998e+01
774	1805	0.0000e+00	0.0000e+00	0.0000e+00	-4.0329e+01	-5.4154e+01	2.2292e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-7.4682e+01	7.8045e+01	2.1425e+00
	8	0.0000e+00	0.0000e+00	0.0000e+00	-8.6664e+01	-1.8840e+02	9.3557e-01
	74	0.0000e+00	0.0000e+00	0.0000e+00	-6.7749e+01	-5.3737e+01	2.1085e+01
775	1804	0.0000e+00	0.0000e+00	0.0000e+00	-2.7812e+01	-8.3117e+00	-1.6472e+00
	457	0.0000e+00	0.0000e+00	0.0000e+00	-4.2169e+01	8.6584e+01	-7.2642e+00
	459	0.0000e+00	0.0000e+00	0.0000e+00	-7.6659e+01	-9.8134e+01	9.7807e-01
	1805	0.0000e+00	0.0000e+00	0.0000e+00	-4.3068e+00	-2.0097e+01	6.5951e+00
776	1803	0.0000e+00	0.0000e+00	0.0000e+00	-1.8081e+01	3.1855e+01	-6.2832e+00
	455	0.0000e+00	0.0000e+00	0.0000e+00	-2.9285e+01	8.9321e+01	-7.8632e+00
	457	0.0000e+00	0.0000e+00	0.0000e+00	-4.6851e+01	-3.0993e+01	-5.9676e+00
	1804	0.0000e+00	0.0000e+00	0.0000e+00	-3.6047e+00	2.2596e+01	-4.3876e+00
777	1802	0.0000e+00	0.0000e+00	0.0000e+00	-1.1931e+01	5.5069e+01	-5.0551e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	-2.3623e+01	8.4573e+01	-5.4390e+00
	455	0.0000e+00	0.0000e+00	0.0000e+00	-3.2725e+01	1.7399e+01	-7.0349e+00
	1803	0.0000e+00	0.0000e+00	0.0000e+00	-3.5800e+00	5.0167e+01	-6.6510e+00
778	1801	0.0000e+00	0.0000e+00	0.0000e+00	-7.7583e+00	6.5012e+01	-1.1390e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	-2.2452e+01	7.0972e+01	-1.3271e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	-2.5269e+01	5.1259e+01	-4.4375e+00
	1802	0.0000e+00	0.0000e+00	0.0000e+00	-5.3091e+00	6.3581e+01	-4.2495e+00
779	1800	0.0000e+00	0.0000e+00	0.0000e+00	-4.8592e+00	6.2708e+01	3.1135e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	-2.5130e+01	4.7449e+01	2.9132e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	-2.2258e+01	7.3301e+01	-2.2512e-01
	1801	0.0000e+00	0.0000e+00	0.0000e+00	-8.1230e+00	6.4462e+01	-2.4817e-02

780 1799 0.0000e+00 0.0000e+00 0.0000e+00 -3.0626e+00 4.7928e+01 5.6191e+00  
447 0.0000e+00 0.0000e+00 0.0000e+00 -3.2205e+01 1.2341e+01 5.6107e+00  
449 0.0000e+00 0.0000e+00 0.0000e+00 -2.3102e+01 8.5275e+01 3.9267e+00  
1800 0.0000e+00 0.0000e+00 0.0000e+00 -1.2182e+01 5.3132e+01 3.9351e+00

781 1798 0.0000e+00 0.0000e+00 0.0000e+00 -3.0044e+00 1.9138e+01 3.5511e+00  
445 0.0000e+00 0.0000e+00 0.0000e+00 -4.5859e+01 -3.6967e+01 4.7206e+00  
447 0.0000e+00 0.0000e+00 0.0000e+00 -2.8399e+01 8.8329e+01 6.4608e+00  
1799 0.0000e+00 0.0000e+00 0.0000e+00 -1.8177e+01 2.8665e+01 5.2913e+00

782 1797 0.0000e+00 0.0000e+00 0.0000e+00 -3.9196e+00 -2.4756e+01 -7.2250e+00  
443 0.0000e+00 0.0000e+00 0.0000e+00 -7.4817e+01 -1.0456e+02 -2.0114e+00  
445 0.0000e+00 0.0000e+00 0.0000e+00 -4.0826e+01 8.3851e+01 6.0366e+00  
1798 0.0000e+00 0.0000e+00 0.0000e+00 -2.7715e+01 -1.2420e+01 8.2299e-01

783 73 0.0000e+00 0.0000e+00 0.0000e+00 -6.0778e+01 -6.1311e+01 -2.2443e+01  
7 0.0000e+00 0.0000e+00 0.0000e+00 -8.9307e+01 -1.9499e+02 -3.2761e+00  
443 0.0000e+00 0.0000e+00 0.0000e+00 -7.2283e+01 7.3911e+01 -2.7806e+00  
1797 0.0000e+00 0.0000e+00 0.0000e+00 -4.0322e+01 -6.0782e+01 -2.1947e+01

784 1371 0.0000e+00 0.0000e+00 0.0000e+00 -2.9393e+01 6.2530e+01 8.7157e+00  
1796 0.0000e+00 0.0000e+00 0.0000e+00 -2.4405e+01 -5.2480e+01 2.1019e+01  
85 0.0000e+00 0.0000e+00 0.0000e+00 2.7814e+01 -7.1463e+01 1.0171e+01  
30 0.0000e+00 0.0000e+00 0.0000e+00 -5.7552e+01 -1.6428e+02 -2.1327e+00

785 1370 0.0000e+00 0.0000e+00 0.0000e+00 -2.6062e+01 7.6768e+01 1.3803e+01  
1795 0.0000e+00 0.0000e+00 0.0000e+00 -1.9188e+01 2.7794e-01 1.7097e+01  
1796 0.0000e+00 0.0000e+00 0.0000e+00 2.0783e+00 -1.1160e+01 1.6123e+01  
1371 0.0000e+00 0.0000e+00 0.0000e+00 -4.0887e+01 -8.5659e+01 1.2830e+01

786 1369 0.0000e+00 0.0000e+00 0.0000e+00 -2.1338e+01 8.1641e+01 1.2622e+01  
1794 0.0000e+00 0.0000e+00 0.0000e+00 -1.4070e+01 3.3039e+01 1.4107e+01  
1795 0.0000e+00 0.0000e+00 0.0000e+00 -1.0180e-01 2.6214e+01 1.6115e+01  
1370 0.0000e+00 0.0000e+00 0.0000e+00 -3.2402e+01 -2.6495e+01 1.4630e+01

787 1368 0.0000e+00 0.0000e+00 0.0000e+00 -1.8592e+01 7.7236e+01 8.4215e+00  
1793 0.0000e+00 0.0000e+00 0.0000e+00 -9.7415e+00 5.2979e+01 9.0162e+00  
1794 0.0000e+00 0.0000e+00 0.0000e+00 -2.1202e+00 4.9289e+01 1.2788e+01  
1369 0.0000e+00 0.0000e+00 0.0000e+00 -2.5051e+01 1.7318e+01 1.2193e+01

788 1367 0.0000e+00 0.0000e+00 0.0000e+00 -1.8288e+01 6.4059e+01 2.8241e+00  
1792 0.0000e+00 0.0000e+00 0.0000e+00 -6.2923e+00 6.1282e+01 2.8646e+00  
1793 0.0000e+00 0.0000e+00 0.0000e+00 -4.3019e+00 6.0336e+01 7.4453e+00  
1368 0.0000e+00 0.0000e+00 0.0000e+00 -2.0199e+01 4.8189e+01 7.4048e+00

789 1366 0.0000e+00 0.0000e+00 0.0000e+00 -2.0555e+01 4.1468e+01 -2.8582e+00  
1791 0.0000e+00 0.0000e+00 0.0000e+00 -3.5926e+00 5.8595e+01 -3.2974e+00  
1792 0.0000e+00 0.0000e+00 0.0000e+00 -7.0144e+00 6.0275e+01 1.2113e+00  
1367 0.0000e+00 0.0000e+00 0.0000e+00 -1.7992e+01 6.8179e+01 1.6505e+00

790 1365 0.0000e+00 0.0000e+00 0.0000e+00 -2.5455e+01 8.1124e+00 -7.3816e+00  
1790 0.0000e+00 0.0000e+00 0.0000e+00 -1.4371e+00 4.4812e+01 -8.3705e+00  
1791 0.0000e+00 0.0000e+00 0.0000e+00 -1.0466e+01 4.9244e+01 -4.8202e+00  
1366 0.0000e+00 0.0000e+00 0.0000e+00 -1.8360e+01 7.8682e+01 -3.8314e+00

791 1364 0.0000e+00 0.0000e+00 0.0000e+00 -3.2879e+01 -3.8020e+01 -9.3371e+00  
1789 0.0000e+00 0.0000e+00 0.0000e+00 5.3412e-01 1.9013e+01 -1.1186e+01  
1790 0.0000e+00 0.0000e+00 0.0000e+00 -1.4796e+01 2.6627e+01 -9.5813e+00  
1365 0.0000e+00 0.0000e+00 0.0000e+00 -2.1165e+01 8.0378e+01 -7.7321e+00

792 1363 0.0000e+00 0.0000e+00 0.0000e+00 -4.1603e+01 -9.9302e+01 -6.7008e+00  
1788 0.0000e+00 0.0000e+00 0.0000e+00 2.3723e+00 -2.1378e+01 -1.0158e+01  
1789 0.0000e+00 0.0000e+00 0.0000e+00 -2.0003e+01 -8.6967e+00 -1.1896e+01  
1364 0.0000e+00 0.0000e+00 0.0000e+00 -2.5988e+01 7.2782e+01 -8.4384e+00

793 29 0.0000e+00 0.0000e+00 0.0000e+00 -6.3394e+01 -1.8017e+02 1.1094e+01  
84 0.0000e+00 0.0000e+00 0.0000e+00 3.0920e+01 -8.7709e+01 -7.1656e-01  
1788 0.0000e+00 0.0000e+00 0.0000e+00 -2.6073e+01 -6.5183e+01 -1.4799e+01  
1363 0.0000e+00 0.0000e+00 0.0000e+00 -2.9496e+01 5.6084e+01 -2.9889e+00

794 1296 0.0000e+00 0.0000e+00 0.0000e+00 -2.9497e+01 5.6092e+01 3.0031e+00  
1787 0.0000e+00 0.0000e+00 0.0000e+00 -2.6084e+01 -6.5185e+01 1.4805e+01  
82 0.0000e+00 0.0000e+00 0.0000e+00 3.0923e+01 -8.7756e+01 7.0130e-01  
27 0.0000e+00 0.0000e+00 0.0000e+00 -6.3425e+01 -1.8018e+02 -1.1101e+01

795 1295 0.0000e+00 0.0000e+00 0.0000e+00 -2.5989e+01 7.2795e+01 8.4475e+00  
1786 0.0000e+00 0.0000e+00 0.0000e+00 -2.0006e+01 -8.6902e+00 1.1905e+01  
1787 0.0000e+00 0.0000e+00 0.0000e+00 2.3723e+00 -2.1377e+01 1.0167e+01

	1296	0.0000e+00	0.0000e+00	0.0000e+00	-4.1607e+01	-9.9308e+01	6.7097e+00
796	1294	0.0000e+00	0.0000e+00	0.0000e+00	-2.1165e+01	8.0392e+01	7.7390e+00
	1785	0.0000e+00	0.0000e+00	0.0000e+00	-1.4797e+01	2.6637e+01	9.5884e+00
	1786	0.0000e+00	0.0000e+00	0.0000e+00	5.3467e-01	1.9023e+01	1.1195e+01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	-3.2881e+01	-3.8019e+01	9.3456e+00
797	1293	0.0000e+00	0.0000e+00	0.0000e+00	-1.8359e+01	7.8696e+01	3.8361e+00
	1784	0.0000e+00	0.0000e+00	0.0000e+00	-1.0466e+01	4.9256e+01	4.8248e+00
	1785	0.0000e+00	0.0000e+00	0.0000e+00	-1.4367e+00	4.4824e+01	8.3768e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	-2.5455e+01	8.1190e+00	7.3882e+00
798	1292	0.0000e+00	0.0000e+00	0.0000e+00	-1.7990e+01	6.8192e+01	-1.6483e+00
	1783	0.0000e+00	0.0000e+00	0.0000e+00	-7.0143e+00	6.0289e+01	-1.2096e+00
	1784	0.0000e+00	0.0000e+00	0.0000e+00	-3.5921e+00	5.8608e+01	3.3012e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	-2.0555e+01	4.1478e+01	2.8626e+00
799	1291	0.0000e+00	0.0000e+00	0.0000e+00	-2.0196e+01	4.8201e+01	-7.4060e+00
	1782	0.0000e+00	0.0000e+00	0.0000e+00	-4.3014e+00	6.0350e+01	-7.4472e+00
	1783	0.0000e+00	0.0000e+00	0.0000e+00	-6.2917e+00	6.1297e+01	-2.8638e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-1.8286e+01	6.4071e+01	-2.8226e+00
800	1290	0.0000e+00	0.0000e+00	0.0000e+00	-2.5046e+01	1.7329e+01	-1.2199e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-2.1195e+00	4.9304e+01	-1.2794e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	-9.7408e+00	5.2994e+01	-9.0189e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-1.8589e+01	7.7248e+01	-8.4238e+00
801	1289	0.0000e+00	0.0000e+00	0.0000e+00	-3.2399e+01	-2.6485e+01	-1.4641e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	-1.0166e-01	2.6230e+01	-1.6125e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-1.4069e+01	3.3054e+01	-1.4114e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-2.1334e+01	8.1654e+01	-1.2630e+01
802	1288	0.0000e+00	0.0000e+00	0.0000e+00	-4.0889e+01	-8.5653e+01	-1.2847e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	2.0738e+00	-1.1145e+01	-1.6137e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	-1.9189e+01	2.9251e-01	-1.7106e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-2.6059e+01	7.6784e+01	-1.3817e+01
803	26	0.0000e+00	0.0000e+00	0.0000e+00	-5.7595e+01	-1.6429e+02	2.1026e+00
	81	0.0000e+00	0.0000e+00	0.0000e+00	2.7821e+01	-7.1434e+01	-1.0190e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-2.4413e+01	-5.2477e+01	-2.1032e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-2.9398e+01	6.2560e+01	-8.7396e+00
804	1778	0.0000e+00	0.0000e+00	0.0000e+00	-4.0406e+01	-6.1249e+01	2.1802e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	-7.2326e+01	7.3843e+01	2.6937e+00
	5	0.0000e+00	0.0000e+00	0.0000e+00	-8.9455e+01	-1.9585e+02	3.3040e+00
	71	0.0000e+00	0.0000e+00	0.0000e+00	-6.0643e+01	-6.2005e+01	2.2412e+01
805	1777	0.0000e+00	0.0000e+00	0.0000e+00	-2.7776e+01	-1.2691e+01	-9.7594e-01
	340	0.0000e+00	0.0000e+00	0.0000e+00	-4.0882e+01	8.3899e+01	-6.1671e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	-7.4919e+01	-1.0517e+02	1.9019e+00
	1778	0.0000e+00	0.0000e+00	0.0000e+00	-3.8903e+00	-2.5080e+01	7.0930e+00
806	1776	0.0000e+00	0.0000e+00	0.0000e+00	-1.8226e+01	2.8538e+01	-5.4498e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-2.8431e+01	8.8464e+01	-6.6111e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	-4.5945e+01	-3.7371e+01	-4.8634e+00
	1777	0.0000e+00	0.0000e+00	0.0000e+00	-2.9831e+00	1.8980e+01	-3.7020e+00
807	1775	0.0000e+00	0.0000e+00	0.0000e+00	-1.2218e+01	5.3129e+01	-4.0909e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-2.3102e+01	8.5490e+01	-4.0799e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-3.2258e+01	1.2090e+01	-5.7653e+00
	1776	0.0000e+00	0.0000e+00	0.0000e+00	-3.0400e+00	4.7899e+01	-5.7763e+00
808	1774	0.0000e+00	0.0000e+00	0.0000e+00	-8.1484e+00	6.4571e+01	-1.1866e-01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-2.2224e+01	7.3606e+01	8.2985e-02
	336	0.0000e+00	0.0000e+00	0.0000e+00	-2.5148e+01	4.7318e+01	-3.0654e+00
	1775	0.0000e+00	0.0000e+00	0.0000e+00	-4.8302e+00	6.2793e+01	-3.2670e+00
809	1773	0.0000e+00	0.0000e+00	0.0000e+00	-5.3265e+00	6.3803e+01	4.1290e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.5201e+01	5.1672e+01	4.3192e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-2.2436e+01	7.0938e+01	1.1900e+00
	1774	0.0000e+00	0.0000e+00	0.0000e+00	-7.7199e+00	6.5208e+01	9.9976e-01
810	1772	0.0000e+00	0.0000e+00	0.0000e+00	-3.5918e+00	5.0511e+01	6.5657e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	-3.2622e+01	1.7949e+01	6.9534e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.3575e+01	8.4622e+01	5.3292e+00
	1773	0.0000e+00	0.0000e+00	0.0000e+00	-1.1880e+01	5.5382e+01	4.9414e+00
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	-3.6106e+00	2.3083e+01	4.3538e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-4.6705e+01	-3.0271e+01	5.9375e+00

330 0.0000e+00 0.0000e+00 0.0000e+00 -2.9205e+01 8.9452e+01 7.7925e+00  
1772 0.0000e+00 0.0000e+00 0.0000e+00 -1.8014e+01 3.2304e+01 6.2089e+00

812 1770 0.0000e+00 0.0000e+00 0.0000e+00 -4.2944e+00 -1.9434e+01 -6.5503e+00  
326 0.0000e+00 0.0000e+00 0.0000e+00 -7.6445e+01 -9.7193e+01 -9.4052e-01  
328 0.0000e+00 0.0000e+00 0.0000e+00 -4.2049e+01 8.6802e+01 7.2441e+00  
1771 0.0000e+00 0.0000e+00 0.0000e+00 -2.7720e+01 -7.6985e+00 1.6343e+00

813 70 0.0000e+00 0.0000e+00 0.0000e+00 -6.7786e+01 -5.2917e+01 -2.0940e+01  
4 0.0000e+00 0.0000e+00 0.0000e+00 -8.6240e+01 -1.8718e+02 -8.2141e-01  
326 0.0000e+00 0.0000e+00 0.0000e+00 -7.4488e+01 7.8334e+01 -2.1040e+00  
1770 0.0000e+00 0.0000e+00 0.0000e+00 -4.0195e+01 -5.3302e+01 -2.2223e+01

814 1769 0.0000e+00 0.0000e+00 0.0000e+00 -3.9820e+01 -5.7117e+01 1.7757e+01  
233 0.0000e+00 0.0000e+00 0.0000e+00 -7.3873e+01 7.1749e+01 -2.3090e+00  
3 0.0000e+00 0.0000e+00 0.0000e+00 -8.5559e+01 -1.8780e+02 -2.4946e+00  
69 0.0000e+00 0.0000e+00 0.0000e+00 -6.7375e+01 -5.8551e+01 1.7571e+01

815 1768 0.0000e+00 0.0000e+00 0.0000e+00 -2.7250e+01 -1.2862e+01 -6.3930e+00  
231 0.0000e+00 0.0000e+00 0.0000e+00 -4.1877e+01 7.9506e+01 -1.2070e+01  
233 0.0000e+00 0.0000e+00 0.0000e+00 -7.5779e+01 -9.9376e+01 -3.5928e+00  
1769 0.0000e+00 0.0000e+00 0.0000e+00 -4.4492e+00 -2.4347e+01 2.0840e+00

816 1767 0.0000e+00 0.0000e+00 0.0000e+00 -1.7612e+01 2.5927e+01 -1.1360e+01  
229 0.0000e+00 0.0000e+00 0.0000e+00 -2.8942e+01 8.1536e+01 -1.3153e+01  
231 0.0000e+00 0.0000e+00 0.0000e+00 -4.6296e+01 -3.4046e+01 -1.0950e+01  
1768 0.0000e+00 0.0000e+00 0.0000e+00 -3.7657e+00 1.7056e+01 -9.1559e+00

817 1766 0.0000e+00 0.0000e+00 0.0000e+00 -1.1499e+01 4.8149e+01 -1.0572e+01  
227 0.0000e+00 0.0000e+00 0.0000e+00 -2.2914e+01 7.6534e+01 -1.1244e+01  
229 0.0000e+00 0.0000e+00 0.0000e+00 -3.2114e+01 1.2617e+01 -1.2482e+01  
1767 0.0000e+00 0.0000e+00 0.0000e+00 -3.6150e+00 4.3533e+01 -1.1809e+01

818 1765 0.0000e+00 0.0000e+00 0.0000e+00 -7.3285e+00 5.7611e+01 -7.0897e+00  
225 0.0000e+00 0.0000e+00 0.0000e+00 -2.1089e+01 6.3410e+01 -7.6078e+00  
227 0.0000e+00 0.0000e+00 0.0000e+00 -2.4341e+01 4.4838e+01 -1.0385e+01  
1766 0.0000e+00 0.0000e+00 0.0000e+00 -5.0896e+00 5.6318e+01 -9.8670e+00

819 1764 0.0000e+00 0.0000e+00 0.0000e+00 -4.4018e+00 5.5549e+01 -3.1324e+00  
223 0.0000e+00 0.0000e+00 0.0000e+00 -2.2756e+01 4.1407e+01 -3.7006e+00  
225 0.0000e+00 0.0000e+00 0.0000e+00 -2.0762e+01 6.5384e+01 -6.6258e+00  
1765 0.0000e+00 0.0000e+00 0.0000e+00 -7.5065e+00 5.7225e+01 -6.0577e+00

820 1763 0.0000e+00 0.0000e+00 0.0000e+00 -2.5105e+00 4.2066e+01 -5.7703e-01  
221 0.0000e+00 0.0000e+00 0.0000e+00 -2.8264e+01 9.2617e+00 -1.0424e+00  
223 0.0000e+00 0.0000e+00 0.0000e+00 -2.0719e+01 7.6096e+01 -2.7825e+00  
1764 0.0000e+00 0.0000e+00 0.0000e+00 -1.0966e+01 4.6851e+01 -2.3171e+00

821 1762 0.0000e+00 0.0000e+00 0.0000e+00 -2.0875e+00 1.6113e+01 -1.8326e+00  
219 0.0000e+00 0.0000e+00 0.0000e+00 -3.9257e+01 -3.5111e+01 -1.4458e+00  
221 0.0000e+00 0.0000e+00 0.0000e+00 -2.4582e+01 7.8226e+01 -3.0533e-01  
1763 0.0000e+00 0.0000e+00 0.0000e+00 -1.6007e+01 2.4670e+01 -6.9210e-01

822 1761 0.0000e+00 0.0000e+00 0.0000e+00 -2.4585e+00 -2.3125e+01 -1.0292e+01  
217 0.0000e+00 0.0000e+00 0.0000e+00 -6.2362e+01 -9.4996e+01 -6.9083e+00  
219 0.0000e+00 0.0000e+00 0.0000e+00 -3.4347e+01 7.3059e+01 -4.8886e-01  
1762 0.0000e+00 0.0000e+00 0.0000e+00 -2.3857e+01 -1.1944e+01 -3.8723e+00

823 68 0.0000e+00 0.0000e+00 0.0000e+00 -4.3546e+01 -5.8175e+01 -2.2450e+01  
2 0.0000e+00 0.0000e+00 0.0000e+00 -7.4536e+01 -1.7440e+02 -9.5008e+00  
217 0.0000e+00 0.0000e+00 0.0000e+00 -5.8854e+01 6.2661e+01 -8.1622e+00  
1761 0.0000e+00 0.0000e+00 0.0000e+00 -3.3905e+01 -5.6302e+01 -2.1111e+01

824 1760 0.0000e+00 0.0000e+00 0.0000e+00 -3.3406e+01 -5.5641e+01 1.8916e+01  
117 0.0000e+00 0.0000e+00 0.0000e+00 -6.4508e+01 6.8272e+01 7.3678e+00  
2 0.0000e+00 0.0000e+00 0.0000e+00 -7.3617e+01 -1.8114e+02 8.1991e+00  
68 0.0000e+00 0.0000e+00 0.0000e+00 -4.4828e+01 -5.9096e+01 1.9748e+01

825 1759 0.0000e+00 0.0000e+00 0.0000e+00 -2.4895e+01 -1.3709e+01 1.4847e+00  
115 0.0000e+00 0.0000e+00 0.0000e+00 -3.9877e+01 8.1451e+01 -1.3982e+00  
117 0.0000e+00 0.0000e+00 0.0000e+00 -6.5802e+01 -1.0483e+02 5.5055e+00  
1760 0.0000e+00 0.0000e+00 0.0000e+00 -4.0954e+00 -2.5199e+01 8.3884e+00

826 1758 0.0000e+00 0.0000e+00 0.0000e+00 -1.7608e+01 2.5058e+01 -3.4033e+00  
113 0.0000e+00 0.0000e+00 0.0000e+00 -2.9345e+01 9.0084e+01 -3.2484e+00  
115 0.0000e+00 0.0000e+00 0.0000e+00 -4.2879e+01 -4.4779e+01 -6.5074e-01  
1759 0.0000e+00 0.0000e+00 0.0000e+00 -3.7979e+00 1.4402e+01 -8.0568e-01

827 1757 0.0000e+00 0.0000e+00 0.0000e+00 -1.2862e+01 5.0759e+01 -4.0529e+00



	111	0.0000e+00	0.0000e+00	0.0000e+00	-2.4691e+01	9.2684e+01	-2.8508e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	-3.2253e+01	1.7614e+00	-2.9140e+00
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-3.1640e+00	4.3828e+01	-4.1162e+00
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	-9.6888e+00	6.6071e+01	-2.3987e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	-2.3609e+01	8.7796e+01	-1.1075e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	-2.6809e+01	3.7549e+01	-2.4578e+00
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-4.1935e+00	6.2312e+01	-3.7491e+00
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	-7.5300e+00	7.1656e+01	-6.3444e-02
	107	0.0000e+00	0.0000e+00	0.0000e+00	-2.5346e+01	7.4367e+01	9.9019e-01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-2.4766e+01	6.4351e+01	-6.8156e-01
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-6.2372e+00	7.0824e+01	-1.7352e+00
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	-6.3547e+00	6.7331e+01	1.6474e+00
	105	0.0000e+00	0.0000e+00	0.0000e+00	-3.0120e+01	5.1042e+01	2.5762e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-2.5493e+01	8.3236e+01	1.4216e+00
	1755	0.0000e+00	0.0000e+00	0.0000e+00	-9.3298e+00	6.9545e+01	4.9283e-01
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	-7.2679e+00	5.1818e+01	7.4930e-01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-3.9942e+01	1.6010e+01	2.8024e+00
	105	0.0000e+00	0.0000e+00	0.0000e+00	-2.9402e+01	9.4841e+01	3.3321e+00
	1754	0.0000e+00	0.0000e+00	0.0000e+00	-1.4158e+01	5.7842e+01	1.2790e+00
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	-1.1173e+01	2.2925e+01	-7.2387e+00
	101	0.0000e+00	0.0000e+00	0.0000e+00	-6.5578e+01	-3.3103e+01	7.9232e-01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-3.9402e+01	1.0002e+02	5.7381e+00
	1753	0.0000e+00	0.0000e+00	0.0000e+00	-2.3072e+01	3.2860e+01	-2.2929e+00
833	67	0.0000e+00	0.0000e+00	0.0000e+00	-7.0542e+01	-2.8493e+01	-3.7656e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0064e+02	-1.0159e+02	-4.1788e+00
	101	0.0000e+00	0.0000e+00	0.0000e+00	-6.8084e+01	1.0100e+02	7.6665e+00
	1752	0.0000e+00	0.0000e+00	0.0000e+00	-4.3588e+01	1.2551e+00	-2.5811e+01
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	-2.9907e+01	5.7797e+01	1.2118e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-2.4326e+01	-5.6016e+01	2.4181e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	2.7539e+01	-7.4699e+01	1.2979e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	-5.8181e+01	-1.6560e+02	9.1575e-01
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	-2.6487e+01	7.1119e+01	1.7638e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-1.9034e+01	-4.1234e+00	2.0743e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	1.7237e+00	-1.5290e+01	1.9403e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-4.1174e+01	-8.7792e+01	1.6299e+01
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	-2.1618e+01	7.5281e+01	1.7009e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-1.3891e+01	2.7749e+01	1.8297e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-3.8026e-01	2.1194e+01	1.9887e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	-3.2611e+01	-2.9591e+01	1.8599e+01
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	-1.8613e+01	7.0446e+01	1.3416e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	-9.5425e+00	4.6929e+01	1.3788e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-2.3045e+00	4.3477e+01	1.7107e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	-2.5123e+01	1.3173e+01	1.6734e+01
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	-1.7895e+01	5.7286e+01	8.4380e+00
	1747	0.0000e+00	0.0000e+00	0.0000e+00	-6.0739e+00	5.4712e+01	8.2351e+00
	1748	0.0000e+00	0.0000e+00	0.0000e+00	-4.3307e+00	5.3942e+01	1.2355e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-2.0035e+01	4.2941e+01	1.2558e+01
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	-1.9561e+01	3.5385e+01	3.3343e+00
	1746	0.0000e+00	0.0000e+00	0.0000e+00	-3.3589e+00	5.1898e+01	2.6438e+00
	1747	0.0000e+00	0.0000e+00	0.0000e+00	-6.8053e+00	5.3652e+01	6.7211e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-1.7465e+01	6.1825e+01	7.4116e+00
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	-2.3638e+01	3.6754e+00	-7.2123e-01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	-1.2013e+00	3.8587e+01	-1.9462e+00
	1746	0.0000e+00	0.0000e+00	0.0000e+00	-9.9158e+00	4.2933e+01	1.2531e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-1.7319e+01	7.1301e+01	2.4781e+00
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	-3.0004e+01	-3.9513e+01	-2.4165e+00
	1744	0.0000e+00	0.0000e+00	0.0000e+00	7.3829e-01	1.4124e+01	-4.4432e+00
	1745	0.0000e+00	0.0000e+00	0.0000e+00	-1.3786e+01	2.1414e+01	-3.0407e+00
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-1.9442e+01	7.2182e+01	-1.0141e+00
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	-3.7480e+01	-9.6185e+01	1.2218e-01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	2.4211e+00	-2.3724e+01	-3.3489e+00
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-1.8422e+01	-1.1724e+01	-5.0421e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-2.3425e+01	6.4200e+01	-1.5711e+00

843	24	0.0000e+00	0.0000e+00	0.0000e+00	-5.8307e+01	-1.7056e+02	1.7069e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	3.0367e+01	-8.5700e+01	5.7869e+00
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-2.3932e+01	-6.4611e+01	-7.7791e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-2.6072e+01	4.7997e+01	3.5034e+00
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	-2.9305e+01	4.7957e+01	7.1077e+00
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-2.2207e+01	-6.8173e+01	2.0025e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	2.9488e+01	-8.8316e+01	6.9571e+00
	24	0.0000e+00	0.0000e+00	0.0000e+00	-5.8035e+01	-1.7504e+02	-5.9604e+00
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	-2.6730e+01	6.3983e+01	1.3813e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-1.8065e+01	-1.6420e+01	1.8116e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	2.5705e-01	-3.0810e+01	1.5153e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-3.7404e+01	-1.0455e+02	1.0850e+01
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	-2.2863e+01	7.4627e+01	1.5416e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-1.4141e+01	1.6216e+01	1.8288e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-3.1392e-01	7.3160e+00	1.7977e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-3.1586e+01	-5.0397e+01	1.5106e+01
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	-2.0229e+01	7.7849e+01	1.4672e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	-1.0901e+01	3.9245e+01	1.6592e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-1.5654e+00	3.3413e+01	1.7689e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-2.6150e+01	-7.6590e+00	1.5769e+01
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	-1.9176e+01	7.4318e+01	1.2707e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	-8.2461e+00	5.3456e+01	1.3936e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	-2.9071e+00	5.0195e+01	1.5781e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-2.2332e+01	2.5180e+01	1.4552e+01
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	-1.9599e+01	6.3750e+01	1.0351e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	-6.0677e+00	5.9474e+01	1.0863e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	-4.5403e+00	5.8542e+01	1.2969e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-2.0216e+01	4.9529e+01	1.2457e+01
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	-2.1113e+01	4.5524e+01	8.1790e+00
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-4.1602e+00	5.7570e+01	7.7469e+00
	1737	0.0000e+00	0.0000e+00	0.0000e+00	-6.4837e+00	5.8855e+01	9.7850e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	-1.9557e+01	6.6315e+01	1.0217e+01
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	-2.2994e+01	1.8980e+01	6.5460e+00
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-2.3173e+00	4.7632e+01	4.7554e+00
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-8.6378e+00	5.1254e+01	6.5532e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-1.9857e+01	7.5860e+01	8.3438e+00
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	-2.5032e+01	-1.5576e+01	5.7006e+00
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-2.5350e-01	2.8573e+01	2.3506e+00
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-1.0900e+01	3.5581e+01	3.4694e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-2.0341e+01	7.7213e+01	6.8194e+00
853	23	0.0000e+00	0.0000e+00	0.0000e+00	-2.8930e+01	-5.9205e+01	1.1046e+01
	78	0.0000e+00	0.0000e+00	0.0000e+00	1.0411e+01	-5.7294e+00	2.9322e+00
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-1.3128e+01	9.4002e+00	-7.2174e-01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.9816e+01	7.1097e+01	7.3922e+00
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	7.1262e+01	1.6078e-01	2.6931e+00
	90	0.0000e+00	0.0000e+00	0.0000e+00	7.1388e+01	1.4781e+00	-6.7355e-01
	12	0.0000e+00	0.0000e+00	0.0000e+00	6.1049e+01	3.8587e+00	5.8901e-01
	196	0.0000e+00	0.0000e+00	0.0000e+00	7.4652e+01	2.7294e+00	3.9556e+00
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	7.4210e+01	-3.9100e-01	6.5832e+00
	1733	0.0000e+00	0.0000e+00	0.0000e+00	7.3550e+01	1.5230e+00	3.7648e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	6.4606e+01	1.9147e+00	4.5200e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	7.7336e+01	2.3653e+00	7.3384e+00
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	7.7038e+01	-6.4058e-01	1.0112e+01
	1732	0.0000e+00	0.0000e+00	0.0000e+00	7.6286e+01	9.0796e-01	7.3478e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	6.8510e+01	1.5457e+00	8.5116e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	7.9108e+01	8.3898e-01	1.1276e+01
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	7.8808e+01	-1.0123e+00	1.3236e+01
	1731	0.0000e+00	0.0000e+00	0.0000e+00	7.8229e+01	-1.0256e-02	1.0752e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	7.3172e+01	-4.2394e-02	1.2397e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	7.8738e+01	-2.2290e+00	1.4881e+01
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	7.8616e+01	-1.4181e+00	1.5767e+01
	1730	0.0000e+00	0.0000e+00	0.0000e+00	7.8412e+01	-1.6063e+00	1.3799e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	7.8829e+01	-2.9846e+00	1.5683e+01

	152	0.0000e+00	0.0000e+00	0.0000e+00	7.4138e+01	-6.8229e+00	1.7650e+01
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	7.5050e+01	-1.6542e+00	1.7566e+01
	1729	0.0000e+00	0.0000e+00	0.0000e+00	7.5493e+01	-3.9906e+00	1.6253e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	8.5162e+01	-7.0947e+00	1.7934e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	6.2671e+01	-1.2689e+01	1.9247e+01
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	6.6226e+01	-1.4787e+00	1.8686e+01
	1728	0.0000e+00	0.0000e+00	0.0000e+00	6.7684e+01	-7.1870e+00	1.8006e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	9.1180e+01	-1.1971e+01	1.8873e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	4.1328e+01	-1.9359e+01	1.9553e+01
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	4.9580e+01	-6.9378e-01	1.9254e+01
	1727	0.0000e+00	0.0000e+00	0.0000e+00	5.2833e+01	-1.1189e+01	1.9123e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	9.5126e+01	-1.7016e+01	1.8516e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	7.0176e+00	-2.6336e+01	1.8647e+01
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	1.9225e+01	-7.0834e-01	1.7504e+01
	1726	0.0000e+00	0.0000e+00	0.0000e+00	2.8661e+01	-1.6546e+01	1.9125e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	9.3824e+01	-2.1712e+01	1.7650e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-4.2590e+01	-3.4692e+01	1.6029e+01
863	89	0.0000e+00	0.0000e+00	0.0000e+00	-5.8350e+01	1.5454e+01	-6.1226e+00
	1725	0.0000e+00	0.0000e+00	0.0000e+00	-1.4921e+01	-2.9565e+01	1.6372e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	8.4973e+01	-2.5878e+01	1.8815e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1181e+02	-7.5631e+01	-3.6798e+00
864	773	0.0000e+00	0.0000e+00	0.0000e+00	7.4698e+01	2.6895e+00	-3.7280e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	6.1007e+01	3.6990e+00	-3.8829e-01
	96	0.0000e+00	0.0000e+00	0.0000e+00	7.1369e+01	1.5006e+00	8.4142e-01
	1724	0.0000e+00	0.0000e+00	0.0000e+00	7.1229e+01	1.2711e-01	-2.4983e+00
865	763	0.0000e+00	0.0000e+00	0.0000e+00	7.7342e+01	2.3504e+00	-7.1142e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	6.4608e+01	1.8827e+00	-4.3046e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	7.3545e+01	1.5045e+00	-3.5635e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	7.4204e+01	-3.9935e-01	-6.3730e+00
866	753	0.0000e+00	0.0000e+00	0.0000e+00	7.9101e+01	8.3794e-01	-1.1044e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	6.8516e+01	1.5355e+00	-8.2874e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	7.6279e+01	9.0283e-01	-7.1306e+00
	1722	0.0000e+00	0.0000e+00	0.0000e+00	7.7027e+01	-6.4116e-01	-9.8868e+00
867	743	0.0000e+00	0.0000e+00	0.0000e+00	7.8731e+01	-2.2184e+00	-1.4638e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	7.3170e+01	-4.0092e-02	-1.2162e+01
	1722	0.0000e+00	0.0000e+00	0.0000e+00	7.8218e+01	-1.0400e-02	-1.0523e+01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	7.8793e+01	-1.0099e+00	-1.2998e+01
868	733	0.0000e+00	0.0000e+00	0.0000e+00	7.4146e+01	-6.7981e+00	-1.7395e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	7.8813e+01	-2.9717e+00	-1.5436e+01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	7.8400e+01	-1.6011e+00	-1.3558e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	7.8603e+01	-1.4143e+00	-1.5517e+01
869	723	0.0000e+00	0.0000e+00	0.0000e+00	6.2712e+01	-1.2646e+01	-1.8982e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	8.5131e+01	-7.0691e+00	-1.7676e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	7.5490e+01	-3.9782e+00	-1.6000e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	7.5050e+01	-1.6494e+00	-1.7306e+01
870	713	0.0000e+00	0.0000e+00	0.0000e+00	4.1426e+01	-1.9291e+01	-1.9282e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	9.1137e+01	-1.1929e+01	-1.8606e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	6.7705e+01	-7.1650e+00	-1.7744e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	6.6254e+01	-1.4731e+00	-1.8420e+01
871	703	0.0000e+00	0.0000e+00	0.0000e+00	7.2054e+00	-2.6235e+01	-1.8380e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	9.5078e+01	-1.6953e+01	-1.8245e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	5.2899e+01	-1.1154e+01	-1.8856e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	4.9664e+01	-6.8679e-01	-1.8992e+01
872	693	0.0000e+00	0.0000e+00	0.0000e+00	-4.2273e+01	-3.4535e+01	-1.5786e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	9.3782e+01	-2.1621e+01	-1.7381e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	2.8800e+01	-1.6487e+01	-1.8869e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	1.9418e+01	-6.8944e-01	-1.7275e+01
873	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.1129e+02	-7.5207e+01	3.7741e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	8.4956e+01	-2.5743e+01	-1.8544e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	-1.4636e+01	-2.9426e+01	-1.6175e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	-5.7771e+01	1.5448e+01	6.1432e+00
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	7.1723e+01	-2.0429e+01	5.8370e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	-9.6393e+01	-5.0015e+01	-2.0003e-01

	97	0.0000e+00	0.0000e+00	0.0000e+00	-2.2351e+01	1.8939e+01	4.2767e+00
	1715	0.0000e+00	0.0000e+00	0.0000e+00	-1.4830e+01	-1.9288e+01	1.0314e+01
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	7.7146e+01	-1.7408e+01	6.5634e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-3.9123e+01	-2.6987e+01	6.1129e+00
	1715	0.0000e+00	0.0000e+00	0.0000e+00	1.5853e+01	-1.6658e-01	7.9648e+00
	1714	0.0000e+00	0.0000e+00	0.0000e+00	2.1236e+01	-1.3320e+01	8.4153e+00
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	7.9124e+01	-1.3529e+01	7.8326e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	2.2278e+00	-2.1269e+01	7.7323e+00
	1714	0.0000e+00	0.0000e+00	0.0000e+00	3.9184e+01	-2.5382e-01	8.4462e+00
	1713	0.0000e+00	0.0000e+00	0.0000e+00	4.1960e+01	-9.3724e+00	8.5465e+00
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	7.7300e+01	-9.4007e+00	8.4698e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	3.1137e+01	-1.5668e+01	8.7898e+00
	1713	0.0000e+00	0.0000e+00	0.0000e+00	5.3768e+01	-8.3982e-01	8.2985e+00
	1712	0.0000e+00	0.0000e+00	0.0000e+00	5.5333e+01	-6.1585e+00	7.9785e+00
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	7.4006e+01	-5.3746e+00	7.9463e+00
	1476	0.0000e+00	0.0000e+00	0.0000e+00	4.9575e+01	-1.0270e+01	8.8563e+00
	1712	0.0000e+00	0.0000e+00	0.0000e+00	6.2340e+01	-9.0391e-01	7.6892e+00
	1711	0.0000e+00	0.0000e+00	0.0000e+00	6.3126e+01	-3.5468e+00	6.7792e+00
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	7.0678e+01	-1.7060e+00	6.2637e+00
	1466	0.0000e+00	0.0000e+00	0.0000e+00	6.0033e+01	-5.4442e+00	7.8422e+00
	1711	0.0000e+00	0.0000e+00	0.0000e+00	6.6780e+01	-5.3540e-01	6.3099e+00
	1710	0.0000e+00	0.0000e+00	0.0000e+00	6.7203e+01	-1.3159e+00	4.7314e+00
880	22	0.0000e+00	0.0000e+00	0.0000e+00	6.8546e+01	3.9253e+00	3.4470e+00
	1456	0.0000e+00	0.0000e+00	0.0000e+00	6.4593e+01	-1.2420e+00	6.2061e+00
	1710	0.0000e+00	0.0000e+00	0.0000e+00	6.9153e+01	5.7936e-01	3.8759e+00
	96	0.0000e+00	0.0000e+00	0.0000e+00	6.9703e+01	-9.0277e-02	1.1168e+00
881	1709	0.0000e+00	0.0000e+00	0.0000e+00	-1.4562e+01	-1.9198e+01	-1.0228e+01
	91	0.0000e+00	0.0000e+00	0.0000e+00	-2.2136e+01	1.8835e+01	-4.1988e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	-9.5754e+01	-4.9745e+01	2.5623e-01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	7.1549e+01	-2.0311e+01	-5.7727e+00
882	1708	0.0000e+00	0.0000e+00	0.0000e+00	2.1325e+01	-1.3254e+01	-8.3344e+00
	1709	0.0000e+00	0.0000e+00	0.0000e+00	1.5964e+01	-1.5748e-01	-7.8922e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	-3.8759e+01	-2.6845e+01	-6.0456e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	7.6964e+01	-1.7313e+01	-6.4878e+00
883	1707	0.0000e+00	0.0000e+00	0.0000e+00	4.1951e+01	-9.3252e+00	-8.4541e+00
	1708	0.0000e+00	0.0000e+00	0.0000e+00	3.9190e+01	-2.4890e-01	-8.3612e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	2.3974e+00	-2.1157e+01	-7.6503e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	7.8936e+01	-1.3453e+01	-7.7432e+00
884	1706	0.0000e+00	0.0000e+00	0.0000e+00	5.5262e+01	-6.1265e+00	-7.8800e+00
	1707	0.0000e+00	0.0000e+00	0.0000e+00	5.3705e+01	-8.3214e-01	-8.2049e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	3.1170e+01	-1.5582e+01	-8.6945e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	7.7124e+01	-9.3426e+00	-8.3695e+00
885	1705	0.0000e+00	0.0000e+00	0.0000e+00	6.3023e+01	-3.5264e+00	-6.6771e+00
	1706	0.0000e+00	0.0000e+00	0.0000e+00	6.2239e+01	-8.9434e-01	-7.5898e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	4.9518e+01	-1.0208e+01	-8.7523e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	7.3853e+01	-5.3323e+00	-7.8396e+00
886	1704	0.0000e+00	0.0000e+00	0.0000e+00	6.7098e+01	-1.2967e+00	-4.6213e+00
	1705	0.0000e+00	0.0000e+00	0.0000e+00	6.6664e+01	-5.2191e-01	-6.2042e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	5.9925e+01	-5.4022e+00	-7.7360e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	7.0557e+01	-1.6709e+00	-6.1531e+00
887	90	0.0000e+00	0.0000e+00	0.0000e+00	6.9693e+01	-9.5822e-02	-9.4154e-01
	1704	0.0000e+00	0.0000e+00	0.0000e+00	6.9060e+01	6.2029e-01	-3.7534e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	6.4456e+01	-1.2088e+00	-6.1148e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	6.8470e+01	4.0653e+00	-3.3030e+00
888	33	0.0000e+00	0.0000e+00	0.0000e+00	-3.1736e+01	-4.3690e+01	4.9878e+00
	88	0.0000e+00	0.0000e+00	0.0000e+00	8.5241e+00	-1.7066e+01	-3.3819e+00
	94	0.0000e+00	0.0000e+00	0.0000e+00	-1.1160e+01	-1.4527e+01	-1.8593e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	-2.8791e+01	9.0526e+00	6.5104e+00
889	77	0.0000e+00	0.0000e+00	0.0000e+00	-6.4637e+01	-1.4699e+01	-9.6872e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.1582e+02	-8.7430e+01	1.0868e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	-9.3289e+01	2.4670e+01	-1.6491e+00
	98	0.0000e+00	0.0000e+00	0.0000e+00	-4.6059e+01	-2.3027e+01	-2.2204e+01
890	91	0.0000e+00	0.0000e+00	0.0000e+00	-2.8601e+01	9.0369e+00	-6.4213e+00

	93	0.0000e+00	0.0000e+00	0.0000e+00	-1.1144e+01	-1.4472e+01	1.8668e+00
	78	0.0000e+00	0.0000e+00	0.0000e+00	8.5136e+00	-1.7011e+01	3.3587e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	-3.1682e+01	-4.3503e+01	-4.9294e+00
891	92	0.0000e+00	0.0000e+00	0.0000e+00	-4.6416e+01	-2.3174e+01	2.2470e+01
	89	0.0000e+00	0.0000e+00	0.0000e+00	-9.4086e+01	2.4823e+01	1.7145e+00
	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1677e+02	-8.7997e+01	-1.0889e+01
	67	0.0000e+00	0.0000e+00	0.0000e+00	-6.5240e+01	-1.4793e+01	9.8661e+00
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	-2.0842e+01	-5.1704e+01	-2.1809e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-6.4560e+01	6.4796e+01	-8.9243e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	-1.5706e+02	-1.8232e+02	2.3019e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	5.8074e+01	-8.8105e+01	9.0454e+00
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	-3.2676e+00	-4.8144e+00	8.2465e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-4.1265e+01	6.5010e+01	2.3964e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-6.4858e+01	-9.8994e+01	2.5734e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	8.5395e+00	-2.9521e+01	8.4235e+00
894	1694	0.0000e+00	0.0000e+00	0.0000e+00	7.6680e+00	1.7037e+01	7.8352e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-2.9291e+01	6.2007e+01	5.6966e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-4.2290e+01	-3.8722e+01	6.8643e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	1.6359e+01	3.9293e+00	9.0029e+00
895	1693	0.0000e+00	0.0000e+00	0.0000e+00	1.2588e+01	2.8135e+01	6.1703e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-2.6202e+01	4.8998e+01	6.6216e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-3.0421e+01	5.7494e+00	8.6278e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	1.7716e+01	2.2629e+01	8.1765e+00
896	1692	0.0000e+00	0.0000e+00	0.0000e+00	1.1837e+01	2.8267e+01	4.0001e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-3.1602e+01	2.5156e+01	7.1864e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-2.7338e+01	3.7121e+01	9.2292e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	1.3994e+01	2.9954e+01	6.0428e+00
897	1691	0.0000e+00	0.0000e+00	0.0000e+00	4.4209e+00	1.6957e+01	2.1515e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-4.7147e+01	-1.1220e+01	9.1502e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-3.2998e+01	5.7454e+01	1.0510e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	4.3723e+00	2.6578e+01	3.5112e+00
898	1690	0.0000e+00	0.0000e+00	0.0000e+00	-1.4869e+01	-1.0517e+01	-7.4086e-01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-7.7616e+01	-6.3377e+01	1.3680e+01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-4.9576e+01	6.8616e+01	1.4844e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	-1.3853e+01	1.3446e+01	4.2270e-01
899	1647	0.0000e+00	0.0000e+00	0.0000e+00	3.4481e+01	-7.3094e+01	-1.3796e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	-2.1436e+02	-1.4471e+02	1.0804e+01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-8.3458e+01	8.3444e+01	3.0939e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	-4.6859e+01	-2.8146e+01	6.3384e+00
900	1689	0.0000e+00	0.0000e+00	0.0000e+00	7.9346e+01	-4.0125e+01	1.4154e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	2.5244e+01	-5.1812e+01	2.0429e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	3.5577e+01	-6.8364e+01	5.7805e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	8.1656e+01	-5.0968e+01	-4.9468e-01
901	1688	0.0000e+00	0.0000e+00	0.0000e+00	6.8412e+01	-6.3366e+00	1.7177e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	2.9670e+01	-1.0855e+01	1.9903e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	3.3997e+01	-1.5671e+01	2.3668e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	6.9576e+01	-2.7664e+01	2.0943e+01
902	1687	0.0000e+00	0.0000e+00	0.0000e+00	6.4003e+01	1.3099e+01	1.2640e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	3.3112e+01	1.4559e+01	1.3482e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	3.3223e+01	1.1170e+01	2.0355e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	6.5590e+01	-1.0151e+00	1.9513e+01
903	1686	0.0000e+00	0.0000e+00	0.0000e+00	6.1365e+01	2.2265e+01	5.1198e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	3.3544e+01	2.7819e+01	6.4093e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	3.4823e+01	2.6161e+01	1.4202e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	6.2684e+01	1.6243e+01	1.2913e+01
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	5.8683e+01	2.1128e+01	-3.7161e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	3.0322e+01	3.0438e+01	-1.3974e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	3.3262e+01	3.0650e+01	6.9194e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	6.0415e+01	2.3449e+01	4.6008e+00
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	5.6623e+01	9.1611e+00	-1.2880e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	2.2781e+01	2.2601e+01	-9.6479e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	2.7991e+01	2.4500e+01	-8.1514e-01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	5.7925e+01	2.0404e+01	-4.0475e+00

906	1683	0.0000e+00	0.0000e+00	0.0000e+00	5.6040e+01	-1.4673e+01	-1.9813e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	1.6626e+01	2.3856e+00	-1.8366e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.8558e+01	5.6269e+00	-1.0110e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	5.7022e+01	6.2940e+00	-1.1556e+01
907	1639	0.0000e+00	0.0000e+00	0.0000e+00	6.6451e+01	-3.8496e+01	-3.4135e+00
	1647	0.0000e+00	0.0000e+00	0.0000e+00	1.4005e+01	-5.1470e+01	-7.9873e+00
	1690	0.0000e+00	0.0000e+00	0.0000e+00	6.2466e+00	-3.3752e+01	-1.8095e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	6.4994e+01	-2.6660e+01	-1.3521e+01
908	1682	0.0000e+00	0.0000e+00	0.0000e+00	1.0227e+02	-2.5261e+01	6.8311e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	8.3901e+01	-3.2082e+01	1.0891e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	8.9905e+01	-4.2240e+01	1.1573e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	1.0445e+02	-2.9736e+01	-2.9028e+00
909	1681	0.0000e+00	0.0000e+00	0.0000e+00	9.3659e+01	-8.2749e+00	1.1035e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	7.6900e+01	-5.9923e+00	1.7658e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	8.5613e+01	-2.3692e+01	1.6208e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	9.8291e+01	-1.8529e+01	9.5844e+00
910	1680	0.0000e+00	0.0000e+00	0.0000e+00	8.6810e+01	6.8071e+00	8.8036e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	7.3060e+01	1.2038e+01	1.3092e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	7.7602e+01	2.3259e-01	1.6927e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	9.0908e+01	-2.1501e+00	1.2639e+01
911	1679	0.0000e+00	0.0000e+00	0.0000e+00	8.3140e+01	1.4530e+01	2.9045e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	7.0647e+01	2.1097e+01	5.3058e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	7.3232e+01	1.5817e+01	1.1321e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	8.5394e+01	1.0442e+01	8.9201e+00
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	8.2232e+01	1.3763e+01	-4.2684e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	6.9091e+01	2.0600e+01	-3.5327e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	7.0294e+01	2.1933e+01	3.1216e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	8.2511e+01	1.5559e+01	2.3858e+00
913	1677	0.0000e+00	0.0000e+00	0.0000e+00	8.4379e+01	4.7423e+00	-1.0243e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	6.9067e+01	9.9902e+00	-1.1633e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	6.8222e+01	1.8307e+01	-5.8466e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	8.2423e+01	1.2067e+01	-4.4562e+00
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	8.9438e+01	-9.6876e+00	-1.0542e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	7.3936e+01	-1.1366e+01	-1.5255e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	6.7700e+01	4.6628e+00	-1.3765e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	8.6179e+01	2.5315e-02	-9.0521e+00
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	9.4912e+01	-2.0841e+01	-1.2961e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	7.6651e+01	-3.0437e+01	-4.7171e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	7.1524e+01	-2.0077e+01	-1.1584e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	9.3146e+01	-1.6040e+01	-8.1633e+00
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.0207e+02	-1.5893e+01	2.5075e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	1.0150e+02	-2.1088e+01	4.7237e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	1.0477e+02	-2.5675e+01	-1.6390e+00
	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.0326e+02	-1.8238e+01	-3.8551e+00
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	9.6816e+01	-6.3836e+00	5.7582e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	9.5227e+01	-6.9909e+00	1.0595e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	1.0180e+02	-1.6683e+01	8.0350e+00
	1675	0.0000e+00	0.0000e+00	0.0000e+00	9.9990e+01	-1.2207e+01	3.1978e+00
918	1673	0.0000e+00	0.0000e+00	0.0000e+00	9.1413e+01	3.5015e+00	4.9472e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	8.9957e+01	6.0204e+00	9.1246e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	9.5269e+01	-2.0481e+00	1.0388e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	9.4518e+01	-2.0375e+00	6.2106e+00
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	8.8219e+01	9.0903e+00	1.3739e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	8.7063e+01	1.3103e+01	3.5876e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	8.9817e+01	9.2898e+00	7.0550e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	8.9925e+01	6.4183e+00	4.8412e+00
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	8.7964e+01	8.6655e+00	-3.0184e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	8.6849e+01	1.2596e+01	-3.1154e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	8.6835e+01	1.3756e+01	8.5184e-01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	8.7782e+01	9.8101e+00	9.4878e-01
921	1670	0.0000e+00	0.0000e+00	0.0000e+00	9.0564e+01	2.6629e+00	-5.9243e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	8.9587e+01	4.5197e+00	-8.3692e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	8.6558e+01	1.0474e+01	-5.7077e+00

	1671	0.0000e+00	0.0000e+00	0.0000e+00	8.8667e+01	7.0471e+00	-3.2628e+00
922	1669	0.0000e+00	0.0000e+00	0.0000e+00	9.4862e+01	-6.0775e+00	-5.0626e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	9.4446e+01	-8.3780e+00	-8.9219e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	8.9181e+01	2.6551e-01	-9.5421e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	9.2351e+01	-8.0367e-01	-5.6828e+00
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	9.8011e+01	-1.1904e+01	-2.2806e-01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	9.6850e+01	-1.7295e+01	-2.2930e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	9.3888e+01	-1.2740e+01	-6.6571e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	9.6814e+01	-9.4669e+00	-4.5922e+00
924	1668	0.0000e+00	0.0000e+00	0.0000e+00	9.0303e+01	-1.0837e+01	-2.6280e-01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	9.8543e+01	-1.4152e+01	9.4628e-01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.0019e+02	-1.6755e+01	-2.7992e+00
	1308	0.0000e+00	0.0000e+00	0.0000e+00	9.1094e+01	-1.2635e+01	-4.0082e+00
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	8.7194e+01	-4.2855e+00	1.7037e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	9.4176e+01	-5.6468e+00	4.8789e+00
	1675	0.0000e+00	0.0000e+00	0.0000e+00	9.8335e+01	-1.1729e+01	2.4914e+00
	1668	0.0000e+00	0.0000e+00	0.0000e+00	8.9433e+01	-8.3501e+00	-6.8387e-01
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	8.3865e+01	2.3533e+00	1.9485e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	8.9991e+01	3.0350e+00	4.9070e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	9.3933e+01	-2.6343e+00	4.5675e+00
	1667	0.0000e+00	0.0000e+00	0.0000e+00	8.5883e+01	-1.2785e+00	1.6089e+00
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	8.1855e+01	6.1974e+00	4.8476e-01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	8.7736e+01	7.9102e+00	2.0252e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	8.9800e+01	5.1004e+00	3.2153e+00
	1666	0.0000e+00	0.0000e+00	0.0000e+00	8.2895e+01	4.4504e+00	1.6749e+00
928	1664	0.0000e+00	0.0000e+00	0.0000e+00	8.1858e+01	6.0107e+00	-1.4648e+00
	1671	0.0000e+00	0.0000e+00	0.0000e+00	8.8004e+01	7.4029e+00	-1.7760e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	8.7618e+01	8.3060e+00	-2.5375e-01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	8.1617e+01	6.6761e+00	5.7408e-02
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	8.3859e+01	2.0061e+00	-2.3761e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	9.0623e+01	1.8845e+00	-4.4022e+00
	1671	0.0000e+00	0.0000e+00	0.0000e+00	8.7981e+01	6.0282e+00	-3.8300e+00
	1664	0.0000e+00	0.0000e+00	0.0000e+00	8.2419e+01	4.7706e+00	-1.8039e+00
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	8.6981e+01	-3.9845e+00	-1.4499e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	9.4240e+01	-5.9303e+00	-4.2066e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	9.0719e+01	-7.1199e-01	-5.3355e+00
	1663	0.0000e+00	0.0000e+00	0.0000e+00	8.4948e+01	-4.1666e-01	-2.5787e+00
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	8.8915e+01	-8.0153e+00	4.3334e-01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	9.6109e+01	-1.0775e+01	-9.3438e-01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	9.4399e+01	-8.2995e+00	-3.3527e+00
	1662	0.0000e+00	0.0000e+00	0.0000e+00	8.7870e+01	-6.2578e+00	-1.9849e+00
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	7.3784e+01	-8.8111e+00	-2.1344e+00
	1668	0.0000e+00	0.0000e+00	0.0000e+00	8.5844e+01	-1.0641e+01	-1.3611e+00
	1308	0.0000e+00	0.0000e+00	0.0000e+00	8.6614e+01	-1.2714e+01	-3.0214e+00
	1297	0.0000e+00	0.0000e+00	0.0000e+00	7.4572e+01	-1.1248e+01	-3.7947e+00
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	7.2644e+01	-2.4496e+00	-6.9020e-01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	8.2872e+01	-4.0124e+00	1.1335e+00
	1668	0.0000e+00	0.0000e+00	0.0000e+00	8.5246e+01	-8.6480e+00	-1.0431e+00
	1661	0.0000e+00	0.0000e+00	0.0000e+00	7.3944e+01	-5.8897e+00	-2.8668e+00
934	1659	0.0000e+00	0.0000e+00	0.0000e+00	7.1489e+01	2.4434e+00	3.5928e-01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	8.0298e+01	2.0723e+00	1.8909e+00
	1667	0.0000e+00	0.0000e+00	0.0000e+00	8.2697e+01	-2.0717e+00	7.0430e-01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	7.2176e+01	-8.7019e-02	-8.2731e-01
935	1658	0.0000e+00	0.0000e+00	0.0000e+00	7.0681e+01	5.0821e+00	1.0274e-01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	7.9051e+01	5.3494e+00	8.9428e-01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	8.0278e+01	3.3266e+00	7.4924e-01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	7.1049e+01	3.8818e+00	-4.2297e-02
936	1657	0.0000e+00	0.0000e+00	0.0000e+00	7.0670e+01	5.0324e+00	-4.6487e-01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	7.9370e+01	4.9525e+00	-6.8059e-01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	7.9021e+01	5.5974e+00	-6.1937e-01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	7.0585e+01	5.3959e+00	-4.0365e-01
937	1656	0.0000e+00	0.0000e+00	0.0000e+00	7.1517e+01	2.3298e+00	-2.7317e-01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	8.1131e+01	1.1252e+00	-1.4320e+00

	1664	0.0000e+00	0.0000e+00	0.0000e+00	7.9350e+01	4.1314e+00	-2.0514e+00
	1657	0.0000e+00	0.0000e+00	0.0000e+00	7.0964e+01	4.1565e+00	-8.9260e-01
938	1655	0.0000e+00	0.0000e+00	0.0000e+00	7.3403e+01	-2.6254e+00	9.3171e-01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	8.3511e+01	-4.4677e+00	-8.7120e-01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	8.1321e+01	-5.5204e-01	-2.2532e+00
	1656	0.0000e+00	0.0000e+00	0.0000e+00	7.1960e+01	3.4941e-01	-4.5034e-01
939	1607	0.0000e+00	0.0000e+00	0.0000e+00	7.4550e+01	-7.6405e+00	9.4522e-01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	8.5277e+01	-8.3081e+00	-1.7534e-01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	8.4204e+01	-6.4271e+00	-9.9348e-01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	7.3366e+01	-5.4705e+00	1.2708e-01
940	945	0.0000e+00	0.0000e+00	0.0000e+00	5.6389e+01	-4.4331e+00	-2.6703e+00
	1661	0.0000e+00	0.0000e+00	0.0000e+00	6.8587e+01	-9.2510e+00	-2.1298e+00
	1297	0.0000e+00	0.0000e+00	0.0000e+00	7.1180e+01	-1.2468e+01	-2.9278e+00
	18	0.0000e+00	0.0000e+00	0.0000e+00	5.4886e+01	-1.5702e+01	-3.4684e+00
941	944	0.0000e+00	0.0000e+00	0.0000e+00	5.9375e+01	-5.0170e-01	-1.7398e-01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	6.7795e+01	-1.8352e+00	-6.9095e-01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	6.8517e+01	-6.8250e+00	-2.7828e+00
	945	0.0000e+00	0.0000e+00	0.0000e+00	5.7612e+01	-4.0056e+00	-2.2658e+00
942	943	0.0000e+00	0.0000e+00	0.0000e+00	6.0340e+01	2.8619e+00	2.9171e-01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	6.7638e+01	2.3900e+00	3.3511e-01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	6.8343e+01	-8.9190e-01	-7.4566e-01
	944	0.0000e+00	0.0000e+00	0.0000e+00	5.9723e+01	7.8186e-01	-7.8906e-01
943	942	0.0000e+00	0.0000e+00	0.0000e+00	6.0526e+01	4.6327e+00	6.2564e-02
	1658	0.0000e+00	0.0000e+00	0.0000e+00	6.7480e+01	4.5231e+00	2.0656e-01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	6.7918e+01	3.0285e+00	-1.7667e-01
	943	0.0000e+00	0.0000e+00	0.0000e+00	6.0378e+01	3.6798e+00	-3.2066e-01
944	941	0.0000e+00	0.0000e+00	0.0000e+00	6.0445e+01	4.6040e+00	-2.8758e-01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	6.7634e+01	4.2404e+00	-3.0521e-01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	6.7513e+01	4.6819e+00	-5.6944e-01
	942	0.0000e+00	0.0000e+00	0.0000e+00	6.0530e+01	4.8429e+00	-5.5181e-01
945	940	0.0000e+00	0.0000e+00	0.0000e+00	6.0005e+01	2.6952e+00	-1.4802e-01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	6.7996e+01	1.4956e+00	-2.0752e-01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	6.7437e+01	3.8780e+00	-9.5601e-01
	941	0.0000e+00	0.0000e+00	0.0000e+00	6.0444e+01	4.1644e+00	-8.9652e-01
946	939	0.0000e+00	0.0000e+00	0.0000e+00	5.8414e+01	-1.4230e+00	8.5151e-01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	6.8406e+01	-3.6614e+00	1.1118e+00
	1656	0.0000e+00	0.0000e+00	0.0000e+00	6.7574e+01	7.2155e-01	-4.9579e-01
	940	0.0000e+00	0.0000e+00	0.0000e+00	5.9771e+01	1.6747e+00	-7.5606e-01
947	17	0.0000e+00	0.0000e+00	0.0000e+00	5.6263e+01	-1.3198e+01	1.3941e+00
	1607	0.0000e+00	0.0000e+00	0.0000e+00	7.1888e+01	-9.0090e+00	3.4613e-01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	6.8677e+01	-6.1595e+00	1.7863e-01
	939	0.0000e+00	0.0000e+00	0.0000e+00	5.7363e+01	-1.6385e+00	1.2266e+00
948	1646	0.0000e+00	0.0000e+00	0.0000e+00	-4.6861e+01	-2.8116e+01	-6.3494e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	-8.3445e+01	8.3443e+01	-3.0955e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	-2.1435e+02	-1.4464e+02	-1.0806e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	3.4469e+01	-7.3086e+01	1.3800e+01
949	1645	0.0000e+00	0.0000e+00	0.0000e+00	-1.3849e+01	1.3465e+01	-4.4004e-01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	-4.9571e+01	6.8614e+01	-1.4861e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	-7.7603e+01	-6.3330e+01	-1.3695e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	-1.4872e+01	-1.0495e+01	7.2526e-01
950	1644	0.0000e+00	0.0000e+00	0.0000e+00	4.3765e+00	2.6587e+01	-3.5292e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	-3.2999e+01	5.7443e+01	-1.0528e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	-4.7142e+01	-1.1184e+01	-9.1680e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	4.4192e+00	1.6972e+01	-2.1696e+00
951	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.3998e+01	2.9952e+01	-6.0598e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	-2.7345e+01	3.7097e+01	-9.2466e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	-3.1602e+01	2.5183e+01	-7.2043e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.1835e+01	2.8273e+01	-4.0176e+00
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	1.7721e+01	2.2615e+01	-8.1921e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-3.0433e+01	5.7086e+00	-8.6443e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	-2.6207e+01	4.9017e+01	-6.6386e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.2585e+01	2.8129e+01	-6.1864e+00
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.6365e+01	3.9003e+00	-9.0162e+00



	1649	0.0000e+00	0.0000e+00	0.0000e+00	-4.2307e+01	-3.8784e+01	-6.8788e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-2.9300e+01	6.2018e+01	-5.7121e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	7.6645e+00	1.7017e+01	-7.8495e+00
954	1640	0.0000e+00	0.0000e+00	0.0000e+00	8.5512e+00	-2.9565e+01	-8.4309e+00
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-6.4882e+01	-9.9082e+01	-2.5837e+00
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-4.1280e+01	6.5012e+01	-2.4097e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	-3.2705e+00	-4.8508e+00	-8.2569e+00
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	5.8104e+01	-8.8145e+01	-9.0282e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	-1.5708e+02	-1.8244e+02	-2.2974e+00
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-6.4582e+01	6.4791e+01	8.9128e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	-2.0837e+01	-5.1761e+01	2.1821e+00
956	1638	0.0000e+00	0.0000e+00	0.0000e+00	6.4988e+01	-2.6646e+01	1.3505e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	6.2437e+00	-3.3728e+01	1.8083e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	1.4006e+01	-5.1467e+01	7.9798e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	6.6449e+01	-3.8491e+01	3.4020e+00
957	1637	0.0000e+00	0.0000e+00	0.0000e+00	5.7018e+01	6.3109e+00	1.1538e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.8558e+01	5.6479e+00	1.0089e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	1.6622e+01	2.4033e+00	1.8348e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	5.6036e+01	-1.4657e+01	1.9797e+01
958	1636	0.0000e+00	0.0000e+00	0.0000e+00	5.7927e+01	2.0414e+01	4.0287e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	2.7993e+01	2.4513e+01	7.9386e-01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	2.2780e+01	2.2614e+01	9.6266e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	5.6622e+01	9.1762e+00	1.2861e+01
959	1635	0.0000e+00	0.0000e+00	0.0000e+00	6.0421e+01	2.3448e+01	-4.6186e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	3.3265e+01	3.0652e+01	-6.9400e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	3.0323e+01	3.0441e+01	1.3764e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	5.8686e+01	2.1135e+01	3.6978e+00
960	1634	0.0000e+00	0.0000e+00	0.0000e+00	6.2696e+01	1.6229e+01	-1.2930e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	3.4829e+01	2.6150e+01	-1.4222e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	3.3547e+01	2.7810e+01	-6.4294e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	6.1373e+01	2.2261e+01	-5.1368e+00
961	1633	0.0000e+00	0.0000e+00	0.0000e+00	6.5608e+01	-1.0412e+00	-1.9527e+01
	1641	0.0000e+00	0.0000e+00	0.0000e+00	3.3232e+01	1.1146e+01	-2.0373e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	3.3117e+01	1.4537e+01	-1.3501e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	6.4018e+01	1.3081e+01	-1.2655e+01
962	1632	0.0000e+00	0.0000e+00	0.0000e+00	6.9598e+01	-2.7698e+01	-2.0950e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	3.4012e+01	-1.5708e+01	-2.3679e+01
	1641	0.0000e+00	0.0000e+00	0.0000e+00	2.9678e+01	-1.0892e+01	-1.9919e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	6.8433e+01	-6.3665e+00	-1.7190e+01
963	1276	0.0000e+00	0.0000e+00	0.0000e+00	8.1677e+01	-5.0996e+01	4.9867e-01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	3.5588e+01	-6.8396e+01	-5.7739e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.5257e+01	-5.1861e+01	-2.0432e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	7.9370e+01	-4.0159e+01	-1.4160e+01
964	1630	0.0000e+00	0.0000e+00	0.0000e+00	9.3143e+01	-1.6028e+01	8.1460e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	7.1520e+01	-2.0065e+01	1.1570e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	7.6651e+01	-3.0433e+01	4.7040e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	9.4911e+01	-2.0838e+01	1.2795e+00
965	1629	0.0000e+00	0.0000e+00	0.0000e+00	8.6176e+01	4.1951e-02	9.0366e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	6.7697e+01	4.6789e+00	1.3748e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	7.3932e+01	-1.1351e+01	1.5239e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	8.9434e+01	-9.6733e+00	1.0527e+01
966	1628	0.0000e+00	0.0000e+00	0.0000e+00	8.2426e+01	1.2078e+01	4.4432e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	6.8223e+01	1.8317e+01	5.8296e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	6.9065e+01	1.0005e+01	1.1615e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	8.4377e+01	4.7576e+00	1.0229e+01
967	1627	0.0000e+00	0.0000e+00	0.0000e+00	8.2520e+01	1.5560e+01	-2.3967e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	7.0302e+01	2.1933e+01	-3.1376e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	6.9094e+01	2.0607e+01	3.5156e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	8.2236e+01	1.3771e+01	4.2566e+00
968	1626	0.0000e+00	0.0000e+00	0.0000e+00	8.5411e+01	1.0430e+01	-8.9295e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	7.3246e+01	1.5805e+01	-1.1336e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	7.0656e+01	2.1093e+01	-5.3215e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	8.3151e+01	1.4526e+01	-2.9147e+00

969 1625 0.0000e+00 0.0000e+00 0.0000e+00 9.0931e+01 -2.1728e+00 -1.2646e+01  
1633 0.0000e+00 0.0000e+00 0.0000e+00 7.7622e+01 2.0799e-01 -1.6940e+01  
1634 0.0000e+00 0.0000e+00 0.0000e+00 7.3075e+01 1.2021e+01 -1.3106e+01  
1626 0.0000e+00 0.0000e+00 0.0000e+00 8.6828e+01 6.7910e+00 -8.8127e+00

970 1624 0.0000e+00 0.0000e+00 0.0000e+00 9.8317e+01 -1.8557e+01 -9.5898e+00  
1632 0.0000e+00 0.0000e+00 0.0000e+00 8.5637e+01 -2.3723e+01 -1.6215e+01  
1633 0.0000e+00 0.0000e+00 0.0000e+00 7.6921e+01 -6.0196e+00 -1.7669e+01  
1625 0.0000e+00 0.0000e+00 0.0000e+00 9.3685e+01 -8.3009e+00 -1.1043e+01

971 1265 0.0000e+00 0.0000e+00 0.0000e+00 1.0447e+02 -2.9756e+01 2.9006e+00  
1276 0.0000e+00 0.0000e+00 0.0000e+00 8.9925e+01 -4.2265e+01 -1.1560e+00  
1632 0.0000e+00 0.0000e+00 0.0000e+00 8.3925e+01 -3.2112e+01 -1.0894e+01  
1624 0.0000e+00 0.0000e+00 0.0000e+00 1.0230e+02 -2.5288e+01 -6.8374e+00

972 1622 0.0000e+00 0.0000e+00 0.0000e+00 9.6809e+01 -9.4508e+00 4.5722e+00  
1630 0.0000e+00 0.0000e+00 0.0000e+00 9.3884e+01 -1.2727e+01 6.6412e+00  
1631 0.0000e+00 0.0000e+00 0.0000e+00 9.6849e+01 -1.7292e+01 2.2747e+00  
1623 0.0000e+00 0.0000e+00 0.0000e+00 9.8012e+01 -1.1900e+01 2.0571e-01

973 1621 0.0000e+00 0.0000e+00 0.0000e+00 9.2349e+01 -7.8277e-01 5.6710e+00  
1629 0.0000e+00 0.0000e+00 0.0000e+00 8.9178e+01 2.8307e-01 9.5289e+00  
1630 0.0000e+00 0.0000e+00 0.0000e+00 9.4442e+01 -8.3632e+00 8.9050e+00  
1622 0.0000e+00 0.0000e+00 0.0000e+00 9.4857e+01 -6.0586e+00 5.0470e+00

974 1620 0.0000e+00 0.0000e+00 0.0000e+00 8.8671e+01 7.0615e+00 3.2568e+00  
1628 0.0000e+00 0.0000e+00 0.0000e+00 8.6560e+01 1.0487e+01 5.6968e+00  
1629 0.0000e+00 0.0000e+00 0.0000e+00 8.9585e+01 4.5356e+00 8.3558e+00  
1621 0.0000e+00 0.0000e+00 0.0000e+00 9.0562e+01 2.6821e+00 5.9157e+00

975 1619 0.0000e+00 0.0000e+00 0.0000e+00 8.7794e+01 9.8130e+00 -9.5199e-01  
1627 0.0000e+00 0.0000e+00 0.0000e+00 8.6845e+01 1.3758e+01 -8.6093e-01  
1628 0.0000e+00 0.0000e+00 0.0000e+00 8.6853e+01 1.2604e+01 3.1048e+00  
1620 0.0000e+00 0.0000e+00 0.0000e+00 8.7969e+01 8.6758e+00 3.0138e+00

976 1618 0.0000e+00 0.0000e+00 0.0000e+00 8.9944e+01 6.4079e+00 -4.8432e+00  
1626 0.0000e+00 0.0000e+00 0.0000e+00 8.9835e+01 9.2789e+00 -7.0629e+00  
1627 0.0000e+00 0.0000e+00 0.0000e+00 8.7075e+01 1.3100e+01 -3.5962e+00  
1619 0.0000e+00 0.0000e+00 0.0000e+00 8.8232e+01 9.0882e+00 -1.3765e+00

977 1617 0.0000e+00 0.0000e+00 0.0000e+00 9.4543e+01 -2.0604e+00 -6.2128e+00  
1625 0.0000e+00 0.0000e+00 0.0000e+00 9.5293e+01 -2.0703e+00 -1.0395e+01  
1626 0.0000e+00 0.0000e+00 0.0000e+00 8.9976e+01 6.0046e+00 -9.1317e+00  
1618 0.0000e+00 0.0000e+00 0.0000e+00 9.1433e+01 3.4861e+00 -4.9492e+00

978 1616 0.0000e+00 0.0000e+00 0.0000e+00 1.0002e+02 -1.2235e+01 -3.2035e+00  
1624 0.0000e+00 0.0000e+00 0.0000e+00 1.0183e+02 -1.6709e+01 -8.0423e+00  
1625 0.0000e+00 0.0000e+00 0.0000e+00 9.5253e+01 -7.0163e+00 -1.0601e+01  
1617 0.0000e+00 0.0000e+00 0.0000e+00 9.6842e+01 -6.4100e+00 -5.7625e+00

979 1254 0.0000e+00 0.0000e+00 0.0000e+00 1.0328e+02 -1.8256e+01 3.8447e+00  
1265 0.0000e+00 0.0000e+00 0.0000e+00 1.0480e+02 -2.5695e+01 1.6336e+00  
1624 0.0000e+00 0.0000e+00 0.0000e+00 1.0153e+02 -2.1114e+01 -4.7285e+00  
1616 0.0000e+00 0.0000e+00 0.0000e+00 1.0209e+02 -1.5921e+01 -2.5174e+00

980 1614 0.0000e+00 0.0000e+00 0.0000e+00 8.7863e+01 -6.2284e+00 1.9613e+00  
1622 0.0000e+00 0.0000e+00 0.0000e+00 9.4393e+01 -8.2810e+00 3.3351e+00  
1623 0.0000e+00 0.0000e+00 0.0000e+00 9.6106e+01 -1.0769e+01 9.0900e-01  
1615 0.0000e+00 0.0000e+00 0.0000e+00 8.8918e+01 -8.0049e+00 -4.6477e-01

981 1613 0.0000e+00 0.0000e+00 0.0000e+00 8.4948e+01 -3.8781e-01 2.5740e+00  
1621 0.0000e+00 0.0000e+00 0.0000e+00 9.0715e+01 -6.8788e-01 5.3266e+00  
1622 0.0000e+00 0.0000e+00 0.0000e+00 9.4234e+01 -5.9092e+00 4.1892e+00  
1614 0.0000e+00 0.0000e+00 0.0000e+00 8.6975e+01 -3.9513e+00 1.4367e+00

982 1612 0.0000e+00 0.0000e+00 0.0000e+00 8.2427e+01 4.7880e+00 1.8060e+00  
1620 0.0000e+00 0.0000e+00 0.0000e+00 8.7984e+01 6.0441e+00 3.8259e+00  
1621 0.0000e+00 0.0000e+00 0.0000e+00 9.0622e+01 1.9051e+00 4.3947e+00  
1613 0.0000e+00 0.0000e+00 0.0000e+00 8.3860e+01 2.0320e+00 2.3747e+00

983 1611 0.0000e+00 0.0000e+00 0.0000e+00 8.1630e+01 6.6805e+00 -5.4135e-02  
1619 0.0000e+00 0.0000e+00 0.0000e+00 8.7629e+01 8.3092e+00 2.5198e-01  
1620 0.0000e+00 0.0000e+00 0.0000e+00 8.8010e+01 7.4143e+00 1.7732e+00  
1612 0.0000e+00 0.0000e+00 0.0000e+00 8.1867e+01 6.0230e+00 1.4670e+00

984 1610 0.0000e+00 0.0000e+00 0.0000e+00 8.2914e+01 4.4409e+00 -1.6707e+00  
1618 0.0000e+00 0.0000e+00 0.0000e+00 8.9819e+01 5.0898e+00 -3.2158e+00  
1619 0.0000e+00 0.0000e+00 0.0000e+00 8.7750e+01 7.9091e+00 -2.0263e+00

	1611	0.0000e+00	0.0000e+00	0.0000e+00	8.1870e+01	6.1965e+00	-4.8124e-01
985	1609	0.0000e+00	0.0000e+00	0.0000e+00	8.5908e+01	-1.3044e+00	-1.6055e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	9.3958e+01	-2.6579e+00	-4.5691e+00
	1618	0.0000e+00	0.0000e+00	0.0000e+00	9.0011e+01	3.0196e+00	-4.9075e+00
	1610	0.0000e+00	0.0000e+00	0.0000e+00	8.3884e+01	2.3379e+00	-1.9439e+00
986	1608	0.0000e+00	0.0000e+00	0.0000e+00	8.9462e+01	-8.3901e+00	6.7912e-01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	9.8364e+01	-1.1759e+01	-2.4995e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	9.4204e+01	-5.6749e+00	-4.8808e+00
	1609	0.0000e+00	0.0000e+00	0.0000e+00	8.7218e+01	-4.3161e+00	-1.7022e+00
987	1243	0.0000e+00	0.0000e+00	0.0000e+00	9.1112e+01	-1.2661e+01	3.9855e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.0021e+02	-1.6776e+01	2.7838e+00
	1616	0.0000e+00	0.0000e+00	0.0000e+00	9.8572e+01	-1.4182e+01	-9.5372e-01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	9.0331e+01	-1.0877e+01	2.4790e-01
988	1606	0.0000e+00	0.0000e+00	0.0000e+00	7.3363e+01	-5.3845e+00	-1.5069e-01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	8.4187e+01	-6.3883e+00	9.8000e-01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	8.5269e+01	-8.2924e+00	1.3816e-01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	7.4559e+01	-7.6249e+00	-9.9253e-01
989	1605	0.0000e+00	0.0000e+00	0.0000e+00	7.1976e+01	3.8792e-01	4.6218e-01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	8.1318e+01	-5.1703e-01	2.2512e+00
	1614	0.0000e+00	0.0000e+00	0.0000e+00	8.3505e+01	-4.4320e+00	8.5928e-01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	7.3394e+01	-2.5735e+00	-9.2978e-01
990	1604	0.0000e+00	0.0000e+00	0.0000e+00	7.0983e+01	4.1741e+00	8.9959e-01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	7.9360e+01	4.1493e+00	2.0535e+00
	1613	0.0000e+00	0.0000e+00	0.0000e+00	8.1135e+01	1.1530e+00	1.4349e+00
	1605	0.0000e+00	0.0000e+00	0.0000e+00	7.1533e+01	2.3564e+00	2.8097e-01
991	1603	0.0000e+00	0.0000e+00	0.0000e+00	7.0604e+01	5.4002e+00	4.0873e-01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	7.9036e+01	5.6011e+00	6.2263e-01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	7.9382e+01	4.9665e+00	6.8461e-01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	7.0689e+01	5.0443e+00	4.7071e-01
992	1602	0.0000e+00	0.0000e+00	0.0000e+00	7.1067e+01	3.8736e+00	4.7799e-02
	1610	0.0000e+00	0.0000e+00	0.0000e+00	8.0295e+01	3.3161e+00	-7.4459e-01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	7.9066e+01	5.3502e+00	-8.9024e-01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	7.0700e+01	5.0819e+00	-9.7850e-02
993	1601	0.0000e+00	0.0000e+00	0.0000e+00	7.2191e+01	-1.1174e-01	8.3491e-01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	8.2720e+01	-2.0992e+00	-6.9846e-01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	8.0316e+01	2.0581e+00	-1.8865e+00
	1602	0.0000e+00	0.0000e+00	0.0000e+00	7.1505e+01	2.4292e+00	-3.5313e-01
994	1600	0.0000e+00	0.0000e+00	0.0000e+00	7.3975e+01	-5.9420e+00	2.8718e+00
	1608	0.0000e+00	0.0000e+00	0.0000e+00	8.5273e+01	-8.6906e+00	1.0391e+00
	1609	0.0000e+00	0.0000e+00	0.0000e+00	8.2899e+01	-4.0464e+00	-1.1308e+00
	1601	0.0000e+00	0.0000e+00	0.0000e+00	7.2657e+01	-2.4870e+00	7.0184e-01
995	1232	0.0000e+00	0.0000e+00	0.0000e+00	7.4578e+01	-1.1284e+01	3.7518e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	8.6642e+01	-1.2747e+01	2.9907e+00
	1608	0.0000e+00	0.0000e+00	0.0000e+00	8.5882e+01	-1.0690e+01	1.3554e+00
	1600	0.0000e+00	0.0000e+00	0.0000e+00	7.3805e+01	-8.9063e+00	2.1166e+00
996	868	0.0000e+00	0.0000e+00	0.0000e+00	5.7442e+01	-1.6226e+00	-1.2008e+00
	1606	0.0000e+00	0.0000e+00	0.0000e+00	6.8678e+01	-6.0378e+00	-1.9060e-01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	7.1823e+01	-8.9695e+00	-4.4940e-01
	17	0.0000e+00	0.0000e+00	0.0000e+00	5.6333e+01	-1.2871e+01	-1.4596e+00
997	867	0.0000e+00	0.0000e+00	0.0000e+00	5.9815e+01	1.7039e+00	7.6065e-01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	6.7602e+01	7.5273e-01	5.0406e-01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	6.8434e+01	-3.5966e+00	-1.1003e+00
	868	0.0000e+00	0.0000e+00	0.0000e+00	5.8466e+01	-1.3627e+00	-8.4369e-01
998	866	0.0000e+00	0.0000e+00	0.0000e+00	6.0478e+01	4.1775e+00	8.9909e-01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	6.7463e+01	3.8928e+00	9.6136e-01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	6.8022e+01	1.5256e+00	2.1586e-01
	867	0.0000e+00	0.0000e+00	0.0000e+00	6.0044e+01	2.7210e+00	1.5359e-01
999	865	0.0000e+00	0.0000e+00	0.0000e+00	6.0558e+01	4.8448e+00	5.5304e-01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	6.7535e+01	4.6850e+00	5.7277e-01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	6.7657e+01	4.2537e+00	3.1040e-01
	866	0.0000e+00	0.0000e+00	0.0000e+00	6.0476e+01	4.6148e+00	2.9068e-01
1000	864	0.0000e+00	0.0000e+00	0.0000e+00	6.0400e+01	3.6697e+00	3.2033e-01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	6.7936e+01	3.0191e+00	1.7949e-01

	1603	0.0000e+00	0.0000e+00	0.0000e+00	6.7500e+01	4.5246e+00	-2.0258e-01
	865	0.0000e+00	0.0000e+00	0.0000e+00	6.0553e+01	4.6325e+00	-6.1745e-02
1001	863	0.0000e+00	0.0000e+00	0.0000e+00	5.9733e+01	7.5408e-01	7.8646e-01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	6.8353e+01	-9.1979e-01	7.4963e-01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	6.7652e+01	2.3793e+00	-3.3062e-01
	864	0.0000e+00	0.0000e+00	0.0000e+00	6.0360e+01	2.8501e+00	-2.9379e-01
1002	862	0.0000e+00	0.0000e+00	0.0000e+00	5.7602e+01	-4.0725e+00	2.2586e+00
	1600	0.0000e+00	0.0000e+00	0.0000e+00	6.8506e+01	-6.8916e+00	2.7886e+00
	1601	0.0000e+00	0.0000e+00	0.0000e+00	6.7798e+01	-1.8622e+00	6.9817e-01
	863	0.0000e+00	0.0000e+00	0.0000e+00	5.9378e+01	-5.3114e-01	1.6821e-01
1003	16	0.0000e+00	0.0000e+00	0.0000e+00	5.4774e+01	-1.6047e+01	3.3825e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	7.1270e+01	-1.2536e+01	2.8326e+00
	1600	0.0000e+00	0.0000e+00	0.0000e+00	6.8592e+01	-9.3737e+00	2.1162e+00
	862	0.0000e+00	0.0000e+00	0.0000e+00	5.6345e+01	-4.4399e+00	2.6660e+00
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	-1.7234e+01	-5.2313e+01	-1.3514e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-7.1784e+01	5.1066e+01	-1.9231e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	-1.5275e+02	-1.6008e+02	-9.3093e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	5.3203e+01	-7.8247e+01	-3.5921e+00
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	-2.9216e+00	-1.2931e+01	-3.1033e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-5.1983e+01	4.0213e+01	-8.6446e+00
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-6.8898e+01	-8.6981e+01	-8.6111e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	3.7858e+00	-3.3909e+01	-3.0698e+00
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	6.8160e+00	-3.8729e-01	-2.0240e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-4.3414e+01	2.7074e+01	-4.2699e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-5.1153e+01	-3.5850e+01	-4.0634e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	1.0418e+01	-8.8375e+00	-1.8175e+00
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	1.1140e+01	1.4370e+00	-1.3335e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-4.3007e+01	2.7471e+00	-1.4035e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-4.3171e+01	1.2756e+00	-8.0906e-01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	1.1176e+01	1.2948e+00	-7.3903e-01
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	1.0718e+01	-8.1907e+00	-3.4845e-01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-5.0657e+01	-3.3794e+01	1.7700e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-4.3232e+01	2.6189e+01	2.0497e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	7.1948e+00	-2.1230e-02	-6.8714e-02
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	4.3847e+00	-3.2770e+01	6.9242e-01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-6.8138e+01	-8.4350e+01	6.1488e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-5.1484e+01	3.9932e+01	6.3311e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-2.2186e+00	-1.2044e+01	8.7478e-01
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	5.4417e+01	-7.6613e+01	8.9470e-01
	30	0.0000e+00	0.0000e+00	0.0000e+00	-1.5220e+02	-1.5697e+02	6.5818e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-7.1061e+01	5.1501e+01	1.6770e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-1.6243e+01	-5.0982e+01	1.1083e+01
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	8.1923e+01	-3.8536e+01	4.2805e-01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	2.7562e+01	-4.9752e+01	4.8289e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	3.4780e+01	-6.2236e+01	-8.0413e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	8.2812e+01	-4.5506e+01	-1.2442e+01
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	7.3282e+01	-1.4981e+01	3.4128e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	3.1120e+01	-1.7318e+01	5.7493e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	3.4187e+01	-2.1035e+01	8.6012e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	7.4520e+01	-2.9565e+01	6.2647e+00
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	7.0444e+01	-3.4461e+00	7.8809e-01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	3.4330e+01	-5.0567e-01	8.4120e-01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	3.3499e+01	-2.3536e+00	6.3955e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	7.1373e+01	-1.1474e+01	6.3424e+00
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	7.0241e+01	-2.1657e+00	-3.7123e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	3.5319e+01	4.2427e+00	-3.8455e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	3.5215e+01	4.1650e+00	2.0907e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	7.0100e+01	-2.3167e+00	2.2239e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	7.1891e+01	-1.0940e+01	-7.9294e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	3.3981e+01	-1.7991e+00	-8.2513e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	3.4607e+01	-1.1573e-01	-2.6131e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	7.0672e+01	-3.2180e+00	-2.2913e+00
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	7.5428e+01	-2.8628e+01	-8.0523e+00

	1588	0.0000e+00	0.0000e+00	0.0000e+00	3.5069e+01	-1.9991e+01	-1.0672e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	3.1776e+01	-1.6467e+01	-7.6617e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	7.3896e+01	-1.4367e+01	-5.0420e+00
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	8.4170e+01	-4.4083e+01	1.0413e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	3.6036e+01	-6.0707e+01	5.7218e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	2.8603e+01	-4.8461e+01	-6.9691e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	8.2961e+01	-3.7527e+01	-2.2776e+00
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	1.0694e+02	-2.4411e+01	-4.4441e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	8.8001e+01	-3.0881e+01	-2.3523e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	9.1859e+01	-3.7568e+01	-1.0515e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	1.0693e+02	-2.6312e+01	-1.2607e+01
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	1.0212e+02	-1.4694e+01	-8.2186e-02
	1586	0.0000e+00	0.0000e+00	0.0000e+00	8.3587e+01	-1.3594e+01	4.2660e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	8.9217e+01	-2.5802e+01	2.3275e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	1.0450e+02	-2.0493e+01	-2.0207e+00
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	9.8550e+01	-6.7634e+00	-1.8926e-01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	8.2089e+01	-3.3521e+00	1.9500e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	8.4241e+01	-9.8310e+00	4.1268e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	1.0034e+02	-1.1147e+01	1.9876e+00
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	9.8162e+01	-5.3789e+00	-2.2075e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	8.2476e+01	-1.7572e+00	-2.3376e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	8.2359e+01	-1.9033e+00	9.8157e-01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	9.8040e+01	-5.4889e+00	1.1116e+00
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	1.0082e+02	-1.0760e+01	-3.1652e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	8.4754e+01	-9.3359e+00	-5.5704e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	8.2360e+01	-3.1552e+00	-3.3246e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	9.8780e+01	-6.6074e+00	-9.1941e-01
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	1.0535e+02	-1.9792e+01	6.7550e-01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	9.0150e+01	-2.4933e+01	-3.9537e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	8.4257e+01	-1.3045e+01	-5.7634e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	1.0272e+02	-1.4257e+01	-1.1342e+00
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	1.0820e+02	-2.5213e+01	1.1011e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	9.3194e+01	-3.6234e+01	8.6350e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	8.9097e+01	-2.9945e+01	6.5841e-01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	1.0792e+02	-2.3645e+01	3.0341e+00
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.0778e+02	-1.5598e+01	-5.8944e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	1.0698e+02	-2.0486e+01	-5.7403e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	1.0812e+02	-2.2812e+01	-1.1048e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	1.0693e+02	-1.6175e+01	-1.1202e+01
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.0595e+02	-1.1200e+01	-2.3166e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	1.0425e+02	-1.2686e+01	-4.5621e-02
	1581	0.0000e+00	0.0000e+00	0.0000e+00	1.0739e+02	-1.8741e+01	-2.9340e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.0700e+02	-1.3954e+01	-5.2050e+00
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	1.0396e+02	-6.8375e+00	-9.5211e-01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	1.0232e+02	-6.4252e+00	7.3830e-01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	1.0448e+02	-1.0570e+01	2.6508e-01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.0492e+02	-9.1305e+00	-1.4253e+00
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.0367e+02	-5.9012e+00	-5.9165e-01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	1.0254e+02	-5.4031e+00	-7.0793e-01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	1.0243e+02	-5.4923e+00	-2.5419e-01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	1.0356e+02	-5.9795e+00	-1.3791e-01
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.0532e+02	-8.8680e+00	6.2909e-01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	1.0495e+02	-1.0237e+01	-1.2991e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	1.0257e+02	-6.2798e+00	-1.7167e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.0415e+02	-6.7417e+00	2.1156e-01
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.0773e+02	-1.3466e+01	4.2626e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	1.0823e+02	-1.8121e+01	1.7421e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	1.0486e+02	-1.2289e+01	-1.0353e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.0645e+02	-1.0913e+01	1.4851e+00
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.0801e+02	-1.5381e+01	1.0031e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	1.0934e+02	-2.1825e+01	9.6173e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	1.0798e+02	-1.9785e+01	4.4780e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.0861e+02	-1.5070e+01	4.8916e+00

1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	9.6129e+01	-1.0689e+01	-5.8994e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.0449e+02	-1.4068e+01	-6.5424e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	1.0424e+02	-1.4870e+01	-9.7556e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	9.5193e+01	-1.1272e+01	-9.1126e+00
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	9.5695e+01	-7.7564e+00	-3.4580e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.0337e+02	-1.0119e+01	-2.5019e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.0465e+02	-1.3314e+01	-5.2326e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	9.6178e+01	-9.7465e+00	-6.1887e+00
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	9.4948e+01	-5.0149e+00	-1.3246e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	1.0222e+02	-6.5314e+00	-4.4214e-01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.0341e+02	-9.0497e+00	-2.3228e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	9.5385e+01	-6.4824e+00	-3.2053e+00
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	9.4880e+01	-4.4158e+00	5.0961e-01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.0235e+02	-5.9988e+00	4.1794e-01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	1.0226e+02	-6.0514e+00	-1.0406e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	9.4802e+01	-4.4673e+00	-9.4892e-01
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	9.5691e+01	-6.3227e+00	2.7159e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.0380e+02	-8.8398e+00	1.6431e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.0242e+02	-6.4375e+00	-1.9487e-01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	9.5090e+01	-4.9636e+00	8.7792e-01
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	9.6737e+01	-9.4501e+00	5.5806e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.0535e+02	-1.2905e+01	4.4175e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.0387e+02	-9.8633e+00	1.7794e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	9.6069e+01	-7.5904e+00	2.9426e+00
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	9.6036e+01	-1.0754e+01	8.3028e+00
	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.0527e+02	-1.4187e+01	8.7266e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.0532e+02	-1.3598e+01	5.6606e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	9.6766e+01	-1.0373e+01	5.2368e+00
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	7.9164e+01	-8.6004e+00	-5.5568e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	9.1529e+01	-1.0640e+01	-6.2676e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	9.0792e+01	-1.1311e+01	-7.7067e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	7.8592e+01	-1.0226e+01	-6.9959e+00
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	7.9723e+01	-4.8979e+00	-3.7465e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	9.1052e+01	-7.3489e+00	-3.5055e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	9.1354e+01	-9.7718e+00	-5.9563e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	7.9864e+01	-6.9011e+00	-6.1973e+00
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	8.0115e+01	-2.5420e+00	-1.2372e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	9.0560e+01	-4.7934e+00	-1.0714e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	9.1053e+01	-6.6020e+00	-3.4930e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	7.9927e+01	-3.5950e+00	-3.6588e+00
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	8.0202e+01	-2.0850e+00	9.8737e-01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	9.0693e+01	-4.4913e+00	9.2524e-01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	9.0628e+01	-4.5158e+00	-1.2878e+00
	1561	0.0000e+00	0.0000e+00	0.0000e+00	8.0153e+01	-2.1167e+00	-1.2256e+00
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	8.0122e+01	-3.5030e+00	3.3928e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	9.1332e+01	-6.4899e+00	3.0943e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	9.0699e+01	-4.7361e+00	6.9689e-01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	8.0204e+01	-2.5174e+00	9.9539e-01
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	8.0250e+01	-6.7481e+00	5.8582e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	9.1873e+01	-9.5462e+00	5.4546e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	9.1418e+01	-7.2050e+00	3.0684e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	7.9962e+01	-4.8217e+00	3.4720e+00
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	7.9187e+01	-9.9534e+00	6.4758e+00
	1318	0.0000e+00	0.0000e+00	0.0000e+00	9.1584e+01	-1.0896e+01	7.0105e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	9.2159e+01	-1.0378e+01	5.7051e+00
	1558	0.0000e+00	0.0000e+00	0.0000e+00	7.9597e+01	-8.4870e+00	5.1705e+00
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	6.0631e+01	-4.9759e+00	-4.8493e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	7.4043e+01	-9.2829e+00	-5.1819e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	7.4874e+01	-1.1220e+01	-5.7803e+00
	20	0.0000e+00	0.0000e+00	0.0000e+00	5.9188e+01	-1.4228e+01	-5.4478e+00
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	6.4847e+01	-2.1153e+00	-1.8352e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	7.4293e+01	-4.2017e+00	-3.3893e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	7.4047e+01	-7.5936e+00	-5.8079e+00

	1077	0.0000e+00	0.0000e+00	0.0000e+00	6.2231e+01	-4.4282e+00	-4.2537e+00
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	6.6591e+01	-5.0377e-01	-4.3510e-01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	7.5298e+01	-2.2304e+00	-1.1983e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	7.4906e+01	-3.9133e+00	-3.1290e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	6.5577e+01	-1.4476e+00	-2.3658e+00
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	6.6838e+01	-2.6253e-01	8.1228e-01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	7.5571e+01	-2.1569e+00	7.7538e-01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	7.5533e+01	-2.1660e+00	-9.6827e-01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	6.6808e+01	-2.7419e-01	-9.3138e-01
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	6.5688e+01	-1.4065e+00	2.2279e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	7.5065e+01	-3.8605e+00	2.9160e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	7.5378e+01	-2.1932e+00	9.9974e-01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	6.6643e+01	-4.8614e-01	3.1161e-01
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	6.2412e+01	-4.3680e+00	4.0762e+00
	1558	0.0000e+00	0.0000e+00	0.0000e+00	7.4349e+01	-7.5107e+00	5.5490e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	7.4496e+01	-4.1164e+00	3.1571e+00
	1073	0.0000e+00	0.0000e+00	0.0000e+00	6.4979e+01	-2.0651e+00	1.6842e+00
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	5.9391e+01	-1.4402e+01	5.1397e+00
	1307	0.0000e+00	0.0000e+00	0.0000e+00	7.5501e+01	-1.1055e+01	5.3279e+00
	1558	0.0000e+00	0.0000e+00	0.0000e+00	7.4428e+01	-9.2239e+00	4.8556e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	6.0812e+01	-4.8511e+00	4.6674e+00
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	-1.6190e+01	-5.0920e+01	-1.1083e+01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-7.0998e+01	5.1466e+01	-1.6758e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	-1.5206e+02	-1.5680e+02	-6.5649e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	5.4419e+01	-7.6548e+01	-8.8963e-01
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	-2.1804e+00	-1.2021e+01	-8.8531e-01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	-5.1455e+01	3.9886e+01	-6.3310e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-6.8082e+01	-8.4229e+01	-6.1454e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	4.4153e+00	-3.2725e+01	-6.9978e-01
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	7.2201e+00	-2.6533e-02	5.8703e-02
	1555	0.0000e+00	0.0000e+00	0.0000e+00	-4.3227e+01	2.6113e+01	-2.0535e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	-5.0631e+01	-3.3706e+01	-1.7731e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	1.0733e+01	-8.1754e+00	3.3910e-01
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.1193e+01	1.2578e+00	7.3315e-01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-4.3186e+01	1.1609e+00	8.0566e-01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	-4.3002e+01	2.8058e+00	1.3986e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.1143e+01	1.4214e+00	1.3261e+00
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.0433e+01	-8.9095e+00	1.8199e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-5.1183e+01	-3.6010e+01	4.0641e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-4.3427e+01	2.7104e+01	4.2667e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	6.8113e+00	-4.3695e-01	2.0225e+00
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	3.8111e+00	-3.4016e+01	3.0891e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-6.8939e+01	-8.7194e+01	8.6211e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-5.2009e+01	4.0213e+01	8.6461e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	-2.9278e+00	-1.3021e+01	3.1141e+00
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	5.3239e+01	-7.8361e+01	3.6563e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	-1.5276e+02	-1.6035e+02	9.3433e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-7.1817e+01	5.1030e+01	1.9236e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	-1.7224e+01	-5.2442e+01	1.3549e+01
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	8.2971e+01	-3.7485e+01	2.2567e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	2.8635e+01	-4.8399e+01	6.9523e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	3.6072e+01	-6.0657e+01	-5.7264e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	8.4184e+01	-4.4040e+01	-1.0422e+01
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	7.3910e+01	-1.4344e+01	5.0163e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	3.1801e+01	-1.6435e+01	7.6368e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	3.5094e+01	-1.9958e+01	1.0649e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	7.5444e+01	-2.8591e+01	8.0288e+00
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	7.0688e+01	-3.2205e+00	2.2673e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	3.4625e+01	-1.1225e-01	2.5899e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	3.4001e+01	-1.7918e+00	8.2261e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	7.1907e+01	-1.0922e+01	7.9035e+00
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	7.0120e+01	-2.3474e+00	-2.2417e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	3.5229e+01	4.1379e+00	-2.1094e+00

	1549	0.0000e+00	0.0000e+00	0.0000e+00	3.5333e+01	4.2216e+00	3.8227e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	7.0260e+01	-2.1741e+00	3.6904e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	7.1397e+01	-1.1533e+01	-6.3488e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	3.3512e+01	-2.4135e+00	-6.4048e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	3.4339e+01	-5.5872e-01	-8.5807e-01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	7.0466e+01	-3.4838e+00	-8.0210e-01
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	7.4546e+01	-2.9645e+01	-6.2511e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	3.4204e+01	-2.1128e+01	-8.5908e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	3.1129e+01	-1.7405e+01	-5.7540e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	7.3310e+01	-1.5048e+01	-3.4143e+00
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	8.2834e+01	-4.5591e+01	1.2481e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	3.4791e+01	-6.2340e+01	8.0858e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	2.7575e+01	-4.9864e+01	-4.8055e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	8.1952e+01	-3.8620e+01	-4.0986e-01
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	1.0792e+02	-2.3614e+01	-3.0547e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	8.9109e+01	-2.9908e+01	-6.7658e-01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	9.3207e+01	-3.6198e+01	-8.6465e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	1.0820e+02	-2.5185e+01	-1.1025e+01
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	1.0272e+02	-1.4234e+01	1.1122e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	8.4270e+01	-1.3023e+01	5.7387e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	9.0160e+01	-2.4899e+01	3.9304e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	1.0535e+02	-1.9762e+01	-6.9607e-01
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	9.8791e+01	-6.6029e+00	9.0189e-01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	8.2376e+01	-3.1550e+00	3.3018e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	8.4765e+01	-9.3197e+00	5.5446e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	1.0082e+02	-1.0742e+01	3.1446e+00
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	9.8061e+01	-5.5088e+00	-1.1212e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	8.2379e+01	-1.9297e+00	-9.9771e-01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	8.2492e+01	-1.7652e+00	2.3157e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	9.8176e+01	-5.3810e+00	2.1923e+00
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	1.0037e+02	-1.1190e+01	-1.9868e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	8.4266e+01	-9.8848e+00	-4.1321e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	8.2108e+01	-3.3868e+00	-1.9633e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	9.8572e+01	-6.7906e+00	1.8204e-01
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	1.0453e+02	-2.0554e+01	2.0341e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	8.9244e+01	-2.5876e+01	-2.3160e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	8.3611e+01	-1.3654e+01	-4.2653e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	1.0215e+02	-1.4744e+01	8.4788e-02
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	1.0696e+02	-2.6376e+01	1.2634e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	9.1879e+01	-3.7646e+01	1.0548e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	8.8025e+01	-3.0956e+01	2.3728e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	1.0697e+02	-2.4474e+01	4.4585e+00
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.0860e+02	-1.5041e+01	-4.9140e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	1.0798e+02	-1.9757e+01	-4.4969e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	1.0934e+02	-2.1800e+01	-9.6339e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.0800e+02	-1.5361e+01	-1.0051e+01
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.0644e+02	-1.0885e+01	-1.5016e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	1.0486e+02	-1.2265e+01	1.0158e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	1.0823e+02	-1.8092e+01	-1.7645e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.0772e+02	-1.3436e+01	-4.2819e+00
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.0416e+02	-6.7292e+00	-2.1898e-01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	1.0257e+02	-6.2728e+00	1.7015e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	1.0495e+02	-1.0218e+01	1.2787e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.0532e+02	-8.8432e+00	-6.4183e-01
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.0358e+02	-5.9900e+00	1.3907e-01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	1.0244e+02	-5.5087e+00	2.4618e-01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	1.0255e+02	-5.4041e+00	6.9400e-01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.0367e+02	-5.8952e+00	5.8689e-01
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.0494e+02	-9.1653e+00	1.4335e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	1.0451e+02	-1.0610e+01	-2.6468e-01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	1.0234e+02	-6.4502e+00	-7.4344e-01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.0398e+02	-6.8557e+00	9.5471e-01
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.0703e+02	-1.4006e+01	5.2171e+00



	1534	0.0000e+00	0.0000e+00	0.0000e+00	1.0741e+02	-1.8797e+01	2.9435e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	1.0428e+02	-1.2733e+01	5.0560e-02
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.0598e+02	-1.1241e+01	2.3242e+00
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.0695e+02	-1.6227e+01	1.1216e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	1.0814e+02	-2.2872e+01	1.1069e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	1.0701e+02	-2.0545e+01	5.7558e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.0781e+02	-1.5653e+01	5.9034e+00
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	9.6743e+01	-1.0335e+01	-5.2630e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.0530e+02	-1.3569e+01	-5.6804e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.0525e+02	-1.4168e+01	-8.7500e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	9.6023e+01	-1.0737e+01	-8.3326e+00
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	9.6056e+01	-7.5508e+00	-2.9491e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.0386e+02	-9.8320e+00	-1.7917e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.0533e+02	-1.2874e+01	-4.4394e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	9.6716e+01	-9.4058e+00	-5.5969e+00
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	9.5090e+01	-4.9420e+00	-8.7140e-01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.0242e+02	-6.4216e+00	1.9072e-01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.0379e+02	-8.8135e+00	-1.6547e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	9.5680e+01	-6.2859e+00	-2.7168e+00
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	9.4813e+01	-4.4700e+00	9.6213e-01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.0227e+02	-6.0594e+00	1.0439e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.0236e+02	-5.9907e+00	-4.1984e-01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	9.4882e+01	-4.4019e+00	-5.0156e-01
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	9.5406e+01	-6.5134e+00	3.2225e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.0344e+02	-9.0828e+00	2.3314e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.0224e+02	-6.5480e+00	4.4770e-01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	9.4961e+01	-5.0270e+00	1.3388e+00
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	9.6207e+01	-9.8053e+00	6.2029e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.0468e+02	-1.3365e+01	5.2410e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.0340e+02	-1.0160e+01	2.5126e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	9.5715e+01	-7.7953e+00	3.4745e+00
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	9.5210e+01	-1.1329e+01	9.1113e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.0427e+02	-1.4923e+01	9.7619e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.0452e+02	-1.4123e+01	6.5542e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	9.6156e+01	-1.0752e+01	5.9036e+00
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	7.9556e+01	-8.4013e+00	-5.1982e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	9.2128e+01	-1.0333e+01	-5.7217e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	9.1555e+01	-1.0877e+01	-7.0465e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	7.9165e+01	-9.9324e+00	-6.5230e+00
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	7.9958e+01	-4.7640e+00	-3.4515e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	9.1395e+01	-7.1556e+00	-3.0685e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	9.1846e+01	-9.4997e+00	-5.4728e+00
	1521	0.0000e+00	0.0000e+00	0.0000e+00	8.0213e+01	-6.6706e+00	-5.8558e+00
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	8.0214e+01	-2.4907e+00	-9.7461e-01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	9.0698e+01	-4.7115e+00	-6.8876e-01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	9.1319e+01	-6.4510e+00	-3.0888e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	8.0119e+01	-3.4602e+00	-3.3747e+00
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	8.0168e+01	-2.1150e+00	1.2461e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	9.0638e+01	-4.5180e+00	1.3016e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	9.0695e+01	-4.4745e+00	-9.1311e-01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	8.0213e+01	-2.0684e+00	-9.6858e-01
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	7.9940e+01	-3.6197e+00	3.6819e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	9.1073e+01	-6.6334e+00	3.5123e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	9.0571e+01	-4.8027e+00	1.0873e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	8.0129e+01	-2.5507e+00	1.2570e+00
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	7.9892e+01	-6.9642e+00	6.2219e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	9.1378e+01	-9.8322e+00	5.9714e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	9.1075e+01	-7.3892e+00	3.5238e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	7.9733e+01	-4.9423e+00	3.7743e+00
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	7.8588e+01	-1.0300e+01	6.9703e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	9.0822e+01	-1.1376e+01	7.6943e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	9.1565e+01	-1.0712e+01	6.2824e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	7.9178e+01	-8.7220e+00	5.5584e+00

1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	6.0877e+01	-4.7668e+00	-4.5883e+00
	1521	0.0000e+00	0.0000e+00	0.0000e+00	7.4357e+01	-9.0858e+00	-4.8563e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	7.5426e+01	-1.1023e+01	-5.4409e+00
	15	0.0000e+00	0.0000e+00	0.0000e+00	5.9314e+01	-1.4073e+01	-5.1728e+00
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	6.5015e+01	-2.0176e+00	-1.6538e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	7.4503e+01	-4.0590e+00	-3.1386e+00
	1521	0.0000e+00	0.0000e+00	0.0000e+00	7.4323e+01	-7.4233e+00	-5.5224e+00
	1011	0.0000e+00	0.0000e+00	0.0000e+00	6.2461e+01	-4.2883e+00	-4.0377e+00
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	6.6679e+01	-4.6609e-01	-2.8766e-01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	7.5395e+01	-2.1693e+00	-9.8069e-01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	7.5076e+01	-3.8132e+00	-2.8912e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	6.5722e+01	-1.3678e+00	-2.1982e+00
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	6.6844e+01	-2.7992e-01	9.4846e-01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	7.5551e+01	-2.1664e+00	9.8450e-01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	7.5588e+01	-2.1373e+00	-7.5413e-01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	6.6873e+01	-2.4848e-01	-7.9016e-01
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	6.5603e+01	-1.4839e+00	2.3735e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	7.4914e+01	-3.9425e+00	3.1435e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	7.5312e+01	-2.2339e+00	1.2181e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	6.6623e+01	-5.1146e-01	4.4797e-01
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	6.2233e+01	-4.5181e+00	4.2490e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	7.4019e+01	-7.6767e+00	5.8248e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	7.4291e+01	-4.2281e+00	3.4117e+00
	1007	0.0000e+00	0.0000e+00	0.0000e+00	6.4863e+01	-2.1471e+00	1.8360e+00
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	5.8949e+01	-1.4653e+01	5.3424e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	7.4987e+01	-1.1337e+01	5.7047e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	7.4020e+01	-9.4274e+00	5.1823e+00
	1006	0.0000e+00	0.0000e+00	0.0000e+00	6.0582e+01	-4.9774e+00	4.8201e+00
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	-7.7619e+00	-9.2791e-01	-1.8404e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-2.2256e+01	8.1121e+01	-1.2708e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-9.2252e+01	-6.7587e+01	2.3546e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	7.2725e+01	-1.8247e+01	-3.3405e+00
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	3.7967e+00	3.7783e+01	-7.6547e+00
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-1.8208e+01	7.9819e+01	-9.3045e+00
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-2.3592e+01	-1.8193e+01	-7.8216e+00
	1505	0.0000e+00	0.0000e+00	0.0000e+00	6.1407e+00	2.0622e+01	-6.1717e+00
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	1.2248e+01	5.0225e+01	-8.2532e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-1.4483e+01	7.7731e+01	-9.3081e+00
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-1.9558e+01	1.7804e+01	-8.5715e+00
	1504	0.0000e+00	0.0000e+00	0.0000e+00	1.5380e+01	4.3710e+01	-7.5166e+00
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	1.7556e+01	5.5181e+01	-8.9965e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-1.1797e+01	6.7323e+01	-1.0339e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-1.4555e+01	4.4866e+01	-8.7357e+00
	1503	0.0000e+00	0.0000e+00	0.0000e+00	1.7841e+01	5.3525e+01	-7.3928e+00
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	2.0744e+01	5.2938e+01	-1.0899e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-1.1615e+01	4.9688e+01	-1.1994e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-1.1293e+01	6.3671e+01	-9.7340e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	1.8404e+01	5.5513e+01	-8.6388e+00
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	2.1735e+01	4.3743e+01	-1.3287e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-1.5062e+01	2.4525e+01	-1.3661e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-1.0909e+01	7.5103e+01	-1.1220e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	1.6893e+01	5.0586e+01	-1.0846e+01
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	2.0260e+01	2.7439e+01	-1.5314e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-2.3145e+01	-9.1077e+00	-1.4537e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-1.4433e+01	7.9954e+01	-1.2480e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	1.2979e+01	3.8941e+01	-1.3257e+01
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.5893e+01	3.2840e+00	-1.6045e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-3.7076e+01	-5.2753e+01	-1.3626e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-2.2845e+01	7.8790e+01	-1.2560e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	6.1191e+00	2.0439e+01	-1.4980e+01
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	7.4198e+00	-3.2448e+01	-1.5579e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-5.9225e+01	-1.0858e+02	-1.0358e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-3.7386e+01	7.1660e+01	-1.0056e+01

1498 0.0000e+00 0.0000e+00 0.0000e+00 -4.8012e+00 -5.1281e+00 -1.5278e+01

1111 1437 0.0000e+00 0.0000e+00 0.0000e+00 5.6123e+01 -8.3582e+01 -1.4069e+01  
32 0.0000e+00 0.0000e+00 0.0000e+00 -1.4421e+02 -1.8471e+02 -9.7839e+00  
1507 0.0000e+00 0.0000e+00 0.0000e+00 -6.1502e+01 6.6400e+01 -7.5840e-01  
1497 0.0000e+00 0.0000e+00 0.0000e+00 -1.8688e+01 -5.4331e+01 -5.0435e+00

1112 1495 0.0000e+00 0.0000e+00 0.0000e+00 3.0573e+01 -1.5759e-01 -1.2243e+00  
1505 0.0000e+00 0.0000e+00 0.0000e+00 1.5747e+01 1.5904e+01 -4.1016e+00  
1506 0.0000e+00 0.0000e+00 0.0000e+00 -3.7434e+01 -2.8263e+01 -7.3004e-01  
1496 0.0000e+00 0.0000e+00 0.0000e+00 7.8454e+01 -1.9522e+01 2.1472e+00

1113 1494 0.0000e+00 0.0000e+00 0.0000e+00 3.9207e+01 3.7109e+01 4.0823e+00  
1504 0.0000e+00 0.0000e+00 0.0000e+00 2.0721e+01 3.4888e+01 6.2072e-01  
1505 0.0000e+00 0.0000e+00 0.0000e+00 2.3885e+01 2.5275e+01 3.4551e+00  
1495 0.0000e+00 0.0000e+00 0.0000e+00 2.9666e+01 1.6899e+01 6.9166e+00

1114 1493 0.0000e+00 0.0000e+00 0.0000e+00 4.4072e+01 4.8195e+01 -4.0842e-01  
1503 0.0000e+00 0.0000e+00 0.0000e+00 2.7205e+01 5.0395e+01 -3.9022e+00  
1504 0.0000e+00 0.0000e+00 0.0000e+00 2.3699e+01 4.6102e+01 1.8010e-02  
1494 0.0000e+00 0.0000e+00 0.0000e+00 4.1141e+01 3.9789e+01 3.5118e+00

1115 1492 0.0000e+00 0.0000e+00 0.0000e+00 4.8037e+01 5.1304e+01 -5.2776e+00  
1502 0.0000e+00 0.0000e+00 0.0000e+00 3.1232e+01 5.5708e+01 -7.8788e+00  
1503 0.0000e+00 0.0000e+00 0.0000e+00 2.9318e+01 5.4858e+01 -3.3772e+00  
1493 0.0000e+00 0.0000e+00 0.0000e+00 4.5160e+01 4.9487e+01 -7.7595e-01

1116 1491 0.0000e+00 0.0000e+00 0.0000e+00 5.0741e+01 4.7515e+01 -1.1212e+01  
1501 0.0000e+00 0.0000e+00 0.0000e+00 3.3459e+01 5.4298e+01 -1.2994e+01  
1502 0.0000e+00 0.0000e+00 0.0000e+00 3.2210e+01 5.5488e+01 -7.7742e+00  
1492 0.0000e+00 0.0000e+00 0.0000e+00 4.8706e+01 5.0936e+01 -5.9923e+00

1117 1490 0.0000e+00 0.0000e+00 0.0000e+00 5.2790e+01 3.7653e+01 -1.7549e+01  
1500 0.0000e+00 0.0000e+00 0.0000e+00 3.3915e+01 4.6500e+01 -1.8699e+01  
1501 0.0000e+00 0.0000e+00 0.0000e+00 3.3316e+01 4.9183e+01 -1.3087e+01  
1491 0.0000e+00 0.0000e+00 0.0000e+00 5.1270e+01 4.5843e+01 -1.1937e+01

1118 1489 0.0000e+00 0.0000e+00 0.0000e+00 5.4798e+01 2.1766e+01 -2.3499e+01  
1499 0.0000e+00 0.0000e+00 0.0000e+00 3.2678e+01 3.2346e+01 -2.4262e+01  
1500 0.0000e+00 0.0000e+00 0.0000e+00 3.2640e+01 3.6177e+01 -1.8735e+01  
1490 0.0000e+00 0.0000e+00 0.0000e+00 5.3430e+01 3.4755e+01 -1.7971e+01

1119 1488 0.0000e+00 0.0000e+00 0.0000e+00 5.8104e+01 -2.8283e-01 -2.7806e+01  
1498 0.0000e+00 0.0000e+00 0.0000e+00 2.9901e+01 1.1474e+01 -2.8791e+01  
1499 0.0000e+00 0.0000e+00 0.0000e+00 3.0275e+01 1.6186e+01 -2.3994e+01  
1489 0.0000e+00 0.0000e+00 0.0000e+00 5.5914e+01 1.7526e+01 -2.3008e+01

1120 1487 0.0000e+00 0.0000e+00 0.0000e+00 6.3199e+01 -2.7709e+01 -2.6905e+01  
1497 0.0000e+00 0.0000e+00 0.0000e+00 3.0383e+01 -1.8026e+01 -3.0336e+01  
1498 0.0000e+00 0.0000e+00 0.0000e+00 2.6451e+01 -1.2436e+01 -2.8746e+01  
1488 0.0000e+00 0.0000e+00 0.0000e+00 6.0811e+01 -6.2059e+00 -2.5315e+01

1121 1426 0.0000e+00 0.0000e+00 0.0000e+00 7.3370e+01 -4.9530e+01 -6.6113e+00  
1437 0.0000e+00 0.0000e+00 0.0000e+00 3.0919e+01 -6.6383e+01 -1.1940e+01  
1497 0.0000e+00 0.0000e+00 0.0000e+00 2.3091e+01 -5.3202e+01 -2.6549e+01  
1487 0.0000e+00 0.0000e+00 0.0000e+00 7.1383e+01 -3.8332e+01 -2.1220e+01

1122 1485 0.0000e+00 0.0000e+00 0.0000e+00 4.8184e+01 2.9675e+00 5.3411e+00  
1495 0.0000e+00 0.0000e+00 0.0000e+00 4.0481e+01 1.3736e+01 2.8088e+00  
1496 0.0000e+00 0.0000e+00 0.0000e+00 3.1901e+00 -2.4787e+01 3.2980e+00  
1486 0.0000e+00 0.0000e+00 0.0000e+00 8.0810e+01 -1.5080e+01 5.8303e+00

1123 1484 0.0000e+00 0.0000e+00 0.0000e+00 5.3446e+01 3.2986e+01 8.5583e+00  
1494 0.0000e+00 0.0000e+00 0.0000e+00 4.4231e+01 3.4970e+01 7.0049e+00  
1495 0.0000e+00 0.0000e+00 0.0000e+00 4.7031e+01 1.8578e+01 9.0107e+00  
1485 0.0000e+00 0.0000e+00 0.0000e+00 4.7785e+01 1.6206e+01 1.0564e+01

1124 1483 0.0000e+00 0.0000e+00 0.0000e+00 5.6629e+01 4.2968e+01 3.9870e+00  
1493 0.0000e+00 0.0000e+00 0.0000e+00 4.9724e+01 4.7529e+01 1.4817e+00  
1494 0.0000e+00 0.0000e+00 0.0000e+00 4.6647e+01 3.9472e+01 5.3129e+00  
1484 0.0000e+00 0.0000e+00 0.0000e+00 5.5090e+01 3.5714e+01 7.8181e+00

1125 1482 0.0000e+00 0.0000e+00 0.0000e+00 6.0141e+01 4.5330e+01 -1.4437e+00  
1492 0.0000e+00 0.0000e+00 0.0000e+00 5.3889e+01 5.0383e+01 -4.0116e+00  
1493 0.0000e+00 0.0000e+00 0.0000e+00 5.1537e+01 4.8670e+01 4.8345e-01  
1483 0.0000e+00 0.0000e+00 0.0000e+00 5.7763e+01 4.3962e+01 3.0512e+00

1126 1481 0.0000e+00 0.0000e+00 0.0000e+00 6.3644e+01 4.1255e+01 -7.5369e+00  
1491 0.0000e+00 0.0000e+00 0.0000e+00 5.7264e+01 4.6685e+01 -1.0220e+01

	1492	0.0000e+00	0.0000e+00	0.0000e+00	5.4965e+01	4.9613e+01	-5.3641e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	6.1000e+01	4.4499e+01	-2.6808e+00
1127	1480	0.0000e+00	0.0000e+00	0.0000e+00	6.7635e+01	3.1971e+01	-1.3451e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	6.0318e+01	3.7215e+01	-1.6573e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	5.7798e+01	4.4200e+01	-1.1773e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	6.4403e+01	3.9021e+01	-8.6508e+00
1128	1479	0.0000e+00	0.0000e+00	0.0000e+00	7.2726e+01	1.8086e+01	-1.8147e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	6.3709e+01	2.2200e+01	-2.2170e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	6.0433e+01	3.3048e+01	-1.8127e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	6.8592e+01	2.8382e+01	-1.4104e+01
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	7.9530e+01	6.2479e-01	-1.9850e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	6.8325e+01	1.6039e+00	-2.5319e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	6.3493e+01	1.6334e+01	-2.3359e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	7.4286e+01	1.3057e+01	-1.7890e+01
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	8.7423e+01	-1.7242e+01	-1.5489e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	7.5742e+01	-2.3500e+01	-2.2628e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	6.7837e+01	-5.4662e+00	-2.5391e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	8.2178e+01	-5.7241e+00	-1.8253e+01
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	9.2964e+01	-2.8497e+01	-3.8612e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	8.0598e+01	-4.0936e+01	-8.2474e+00
	1487	0.0000e+00	0.0000e+00	0.0000e+00	7.4839e+01	-3.0904e+01	-1.7593e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	9.0644e+01	-2.3049e+01	-1.3207e+01
1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	5.8099e+01	6.3477e+00	9.3701e+00
	1485	0.0000e+00	0.0000e+00	0.0000e+00	5.3753e+01	1.1766e+01	8.3589e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	3.1406e+01	-1.6927e+01	6.8754e+00
	1476	0.0000e+00	0.0000e+00	0.0000e+00	7.8583e+01	-8.2867e+00	7.8865e+00
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	5.9851e+01	2.9163e+01	1.1110e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	5.6127e+01	3.0747e+01	1.1017e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	5.8679e+01	1.7533e+01	1.2462e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	5.7128e+01	1.5981e+01	1.2554e+01
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	6.0900e+01	3.7466e+01	6.9476e+00
	1483	0.0000e+00	0.0000e+00	0.0000e+00	5.9734e+01	4.1283e+01	5.7514e+00
	1484	0.0000e+00	0.0000e+00	0.0000e+00	5.8007e+01	3.5161e+01	9.1860e+00
	1474	0.0000e+00	0.0000e+00	0.0000e+00	6.0423e+01	3.1519e+01	1.0382e+01
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	6.2943e+01	3.9150e+01	1.7994e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	6.3075e+01	4.3433e+01	-8.1510e-02
	1483	0.0000e+00	0.0000e+00	0.0000e+00	6.1115e+01	4.2749e+01	4.0170e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	6.1439e+01	3.8133e+01	5.8979e+00
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	6.5829e+01	3.5266e+01	-3.6443e+00
	1481	0.0000e+00	0.0000e+00	0.0000e+00	6.6616e+01	3.9561e+01	-6.2783e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	6.3983e+01	4.2834e+01	-2.1247e+00
	1472	0.0000e+00	0.0000e+00	0.0000e+00	6.3610e+01	3.8110e+01	5.0938e-01
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	6.9803e+01	2.7101e+01	-8.4524e+00
	1480	0.0000e+00	0.0000e+00	0.0000e+00	7.0771e+01	3.0705e+01	-1.2028e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	6.7268e+01	3.7226e+01	-8.3779e+00
	1471	0.0000e+00	0.0000e+00	0.0000e+00	6.6720e+01	3.2905e+01	-4.8026e+00
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	7.5066e+01	1.5638e+01	-1.1618e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	7.6009e+01	1.7563e+01	-1.6336e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	7.1290e+01	2.6879e+01	-1.3924e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	7.1094e+01	2.3568e+01	-9.2070e+00
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	8.1427e+01	2.3421e+00	-1.1916e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	8.2519e+01	1.2168e+00	-1.7665e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	7.6457e+01	1.2573e+01	-1.7521e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	7.6899e+01	1.1135e+01	-1.1772e+01
1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	8.7783e+01	-9.9819e+00	-8.3971e+00
	1477	0.0000e+00	0.0000e+00	0.0000e+00	8.9198e+01	-1.5174e+01	-1.4066e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	8.2880e+01	-4.0456e+00	-1.7171e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	8.3657e+01	-2.4961e+00	-1.1502e+01
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	9.1322e+01	-1.7111e+01	-1.8672e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	9.3244e+01	-2.4504e+01	-4.8655e+00
	1477	0.0000e+00	0.0000e+00	0.0000e+00	8.9453e+01	-1.9154e+01	-1.0857e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	8.9590e+01	-1.3538e+01	-7.8586e+00
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	6.2489e+01	9.5275e+00	1.0285e+01

	1475	0.0000e+00	0.0000e+00	0.0000e+00	6.0492e+01	1.1611e+01	1.0823e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	4.9366e+01	-8.2009e+00	8.6177e+00
	1466	0.0000e+00	0.0000e+00	0.0000e+00	7.4607e+01	-1.3289e+00	8.0794e+00
1143	1464	0.0000e+00	0.0000e+00	0.0000e+00	6.1175e+01	2.5934e+01	1.0957e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	6.0753e+01	2.7153e+01	1.2470e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	6.3579e+01	1.6972e+01	1.3399e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	6.1136e+01	1.6175e+01	1.1886e+01
1144	1463	0.0000e+00	0.0000e+00	0.0000e+00	6.0030e+01	3.2535e+01	7.7308e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	6.1990e+01	3.5477e+01	8.0754e+00
	1474	0.0000e+00	0.0000e+00	0.0000e+00	6.1791e+01	3.0892e+01	1.0770e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	6.0863e+01	2.7982e+01	1.0426e+01
1145	1462	0.0000e+00	0.0000e+00	0.0000e+00	6.0271e+01	3.3672e+01	3.6047e+00
	1472	0.0000e+00	0.0000e+00	0.0000e+00	6.3738e+01	3.6931e+01	2.8763e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	6.2713e+01	3.6881e+01	6.1401e+00
	1463	0.0000e+00	0.0000e+00	0.0000e+00	5.9955e+01	3.3054e+01	6.8685e+00
1146	1461	0.0000e+00	0.0000e+00	0.0000e+00	6.1767e+01	3.0243e+01	-6.3263e-01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	6.6343e+01	3.3197e+01	-2.4494e+00
	1472	0.0000e+00	0.0000e+00	0.0000e+00	6.4242e+01	3.6570e+01	7.0453e-01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	6.0521e+01	3.2676e+01	2.5213e+00
1147	1460	0.0000e+00	0.0000e+00	0.0000e+00	6.4519e+01	2.3425e+01	-4.0975e+00
	1470	0.0000e+00	0.0000e+00	0.0000e+00	6.9987e+01	2.5387e+01	-7.0014e+00
	1471	0.0000e+00	0.0000e+00	0.0000e+00	6.6787e+01	3.1438e+01	-4.5482e+00
	1461	0.0000e+00	0.0000e+00	0.0000e+00	6.2370e+01	2.8072e+01	-1.6443e+00
1148	1459	0.0000e+00	0.0000e+00	0.0000e+00	6.8419e+01	1.4240e+01	-5.9945e+00
	1469	0.0000e+00	0.0000e+00	0.0000e+00	7.4757e+01	1.4503e+01	-9.9075e+00
	1470	0.0000e+00	0.0000e+00	0.0000e+00	7.0456e+01	2.2567e+01	-8.7472e+00
	1460	0.0000e+00	0.0000e+00	0.0000e+00	6.5513e+01	2.0310e+01	-4.8343e+00
1149	1458	0.0000e+00	0.0000e+00	0.0000e+00	7.3089e+01	3.9013e+00	-5.7381e+00
	1468	0.0000e+00	0.0000e+00	0.0000e+00	8.0333e+01	2.0207e+00	-1.0285e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	7.5299e+01	1.1021e+01	-1.0905e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	6.9747e+01	1.0486e+01	-6.3581e+00
1150	1457	0.0000e+00	0.0000e+00	0.0000e+00	7.7667e+01	-5.6931e+00	-3.4544e+00
	1467	0.0000e+00	0.0000e+00	0.0000e+00	8.5480e+01	-9.3305e+00	-7.6458e+00
	1468	0.0000e+00	0.0000e+00	0.0000e+00	8.0939e+01	-1.4747e+00	-1.0054e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	7.4487e+01	1.1807e-01	-5.8630e+00
1151	1393	0.0000e+00	0.0000e+00	0.0000e+00	8.0059e+01	-1.1471e+01	-4.0284e-01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	8.8593e+01	-1.5555e+01	-2.5744e+00
	1467	0.0000e+00	0.0000e+00	0.0000e+00	8.6045e+01	-1.1854e+01	-6.0337e+00
	1457	0.0000e+00	0.0000e+00	0.0000e+00	7.8606e+01	-8.4275e+00	-3.8621e+00
1152	1455	0.0000e+00	0.0000e+00	0.0000e+00	6.3319e+01	1.1590e+01	8.3359e+00
	1465	0.0000e+00	0.0000e+00	0.0000e+00	6.3110e+01	1.2139e+01	1.0286e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	5.9706e+01	-3.9868e-01	8.4938e+00
	1456	0.0000e+00	0.0000e+00	0.0000e+00	7.0315e+01	4.0425e+00	6.5436e+00
1153	1454	0.0000e+00	0.0000e+00	0.0000e+00	5.9670e+01	2.3595e+01	8.3262e+00
	1464	0.0000e+00	0.0000e+00	0.0000e+00	6.1085e+01	2.4362e+01	1.1289e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	6.4324e+01	1.6873e+01	1.1734e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	6.1888e+01	1.6674e+01	8.7713e+00
1154	1453	0.0000e+00	0.0000e+00	0.0000e+00	5.6928e+01	2.8800e+01	6.4794e+00
	1463	0.0000e+00	0.0000e+00	0.0000e+00	5.9925e+01	3.0758e+01	8.1637e+00
	1464	0.0000e+00	0.0000e+00	0.0000e+00	6.1204e+01	2.7454e+01	9.8853e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	5.8752e+01	2.5672e+01	8.2010e+00
1155	1452	0.0000e+00	0.0000e+00	0.0000e+00	5.5533e+01	2.9436e+01	3.6701e+00
	1462	0.0000e+00	0.0000e+00	0.0000e+00	5.9869e+01	3.1644e+01	4.1585e+00
	1463	0.0000e+00	0.0000e+00	0.0000e+00	5.9994e+01	3.2011e+01	6.4286e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	5.6307e+01	2.9289e+01	5.9402e+00
1156	1451	0.0000e+00	0.0000e+00	0.0000e+00	5.5434e+01	2.6446e+01	7.5806e-01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	6.0957e+01	2.8279e+01	1.0416e-01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	5.9889e+01	3.1467e+01	2.2601e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	5.5298e+01	2.8619e+01	2.9141e+00
1157	1450	0.0000e+00	0.0000e+00	0.0000e+00	5.6497e+01	2.0841e+01	-1.4977e+00
	1460	0.0000e+00	0.0000e+00	0.0000e+00	6.3148e+01	2.1720e+01	-3.1599e+00
	1461	0.0000e+00	0.0000e+00	0.0000e+00	6.1017e+01	2.7021e+01	-1.6611e+00
	1451	0.0000e+00	0.0000e+00	0.0000e+00	5.5567e+01	2.4646e+01	1.0708e-03

1158	1449	0.0000e+00	0.0000e+00	0.0000e+00	5.8419e+01	1.3526e+01	-2.5026e+00
	1459	0.0000e+00	0.0000e+00	0.0000e+00	6.6288e+01	1.2957e+01	-4.9308e+00
	1460	0.0000e+00	0.0000e+00	0.0000e+00	6.3285e+01	1.9711e+01	-4.5455e+00
	1450	0.0000e+00	0.0000e+00	0.0000e+00	5.6949e+01	1.8305e+01	-2.1172e+00
1159	1448	0.0000e+00	0.0000e+00	0.0000e+00	6.0779e+01	5.3376e+00	-1.9001e+00
	1458	0.0000e+00	0.0000e+00	0.0000e+00	7.0029e+01	3.1608e+00	-4.7328e+00
	1459	0.0000e+00	0.0000e+00	0.0000e+00	6.6525e+01	1.0516e+01	-5.7221e+00
	1449	0.0000e+00	0.0000e+00	0.0000e+00	5.9064e+01	1.0487e+01	-2.8893e+00
1160	1447	0.0000e+00	0.0000e+00	0.0000e+00	6.3530e+01	-3.1261e+00	-1.0517e-01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	7.3558e+01	-5.9076e+00	-2.9468e+00
	1458	0.0000e+00	0.0000e+00	0.0000e+00	7.0494e+01	6.0103e-01	-4.8452e+00
	1448	0.0000e+00	0.0000e+00	0.0000e+00	6.1359e+01	1.9416e+00	-2.0035e+00
1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	6.4972e+01	-1.0008e+01	6.4142e-01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	7.6115e+01	-1.1440e+01	-1.0530e+00
	1457	0.0000e+00	0.0000e+00	0.0000e+00	7.4357e+01	-8.1506e+00	-2.4816e+00
	1447	0.0000e+00	0.0000e+00	0.0000e+00	6.3609e+01	-6.4802e+00	-7.8718e-01
1162	782	0.0000e+00	0.0000e+00	0.0000e+00	6.0574e+01	1.5817e+01	3.1904e+00
	1455	0.0000e+00	0.0000e+00	0.0000e+00	6.2872e+01	1.2045e+01	7.5239e+00
	1456	0.0000e+00	0.0000e+00	0.0000e+00	6.5516e+01	4.9202e+00	7.2155e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	6.5914e+01	1.8182e+00	2.8820e+00
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	5.7622e+01	2.2938e+01	4.8728e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	5.8677e+01	2.2975e+01	8.0251e+00
	1455	0.0000e+00	0.0000e+00	0.0000e+00	6.2557e+01	1.6869e+01	7.6884e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	5.9549e+01	1.7637e+01	4.5361e+00
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	5.4047e+01	2.6492e+01	3.7945e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	5.6280e+01	2.7614e+01	6.2581e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	5.8390e+01	2.5253e+01	7.1932e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	5.6476e+01	2.4345e+01	4.7296e+00
1165	779	0.0000e+00	0.0000e+00	0.0000e+00	5.1452e+01	2.6605e+01	2.1522e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	5.4751e+01	2.7911e+01	3.6370e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	5.5860e+01	2.8558e+01	5.0309e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	5.3079e+01	2.6837e+01	3.5461e+00
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	5.0012e+01	2.3867e+01	4.5648e-01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	5.4290e+01	2.4903e+01	9.0895e-01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	5.4331e+01	2.7801e+01	2.2359e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	5.0805e+01	2.5956e+01	1.7834e+00
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	4.9583e+01	1.9078e+01	-8.3387e-01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	5.4800e+01	1.9455e+01	-1.2406e+00
	1451	0.0000e+00	0.0000e+00	0.0000e+00	5.3955e+01	2.3978e+01	-3.6953e-01
	778	0.0000e+00	0.0000e+00	0.0000e+00	4.9679e+01	2.2464e+01	3.7233e-02
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	4.9723e+01	1.2996e+01	-1.3859e+00
	1449	0.0000e+00	0.0000e+00	0.0000e+00	5.5946e+01	1.2394e+01	-2.2855e+00
	1450	0.0000e+00	0.0000e+00	0.0000e+00	5.4534e+01	1.8007e+01	-2.1723e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	4.9478e+01	1.7159e+01	-1.2727e+00
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	4.9766e+01	6.2367e+00	-9.7703e-01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	5.7195e+01	4.4409e+00	-1.8577e+00
	1449	0.0000e+00	0.0000e+00	0.0000e+00	5.5669e+01	1.0742e+01	-2.7068e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	4.9669e+01	1.0790e+01	-1.8261e+00
1170	774	0.0000e+00	0.0000e+00	0.0000e+00	4.8494e+01	-1.1520e+00	4.3367e-01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	5.8480e+01	-4.0661e+00	7.0984e-02
	1448	0.0000e+00	0.0000e+00	0.0000e+00	5.6830e+01	2.7760e+00	-1.8116e+00
	775	0.0000e+00	0.0000e+00	0.0000e+00	4.9476e+01	3.9499e+00	-1.4489e+00
1171	21	0.0000e+00	0.0000e+00	0.0000e+00	4.6574e+01	-1.4161e+01	1.4054e+00
	1382	0.0000e+00	0.0000e+00	0.0000e+00	6.2116e+01	-1.1089e+01	7.9701e-02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	5.8852e+01	-6.8727e+00	-4.7429e-01
	774	0.0000e+00	0.0000e+00	0.0000e+00	4.7397e+01	-2.5972e+00	8.5138e-01
1172	1436	0.0000e+00	0.0000e+00	0.0000e+00	-1.7512e+01	-5.0042e+01	-5.3689e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-5.4348e+01	6.5504e+01	-1.2750e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	-1.4401e+02	-1.7936e+02	-2.7101e+00
	1437	0.0000e+00	0.0000e+00	0.0000e+00	5.7190e+01	-8.3631e+01	4.6714e+00
1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.3258e+00	-2.9225e+00	3.8271e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-2.8654e+01	7.1199e+01	-3.3462e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-5.4393e+01	-1.0034e+02	-2.5143e+00

	1436	0.0000e+00	0.0000e+00	0.0000e+00	1.2528e+01	-2.7856e+01	4.6590e+00
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	1.4952e+01	2.1752e+01	1.7052e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-1.2783e+01	7.5623e+01	-2.3519e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-2.9351e+01	-4.2332e+01	7.6995e-02
	1435	0.0000e+00	0.0000e+00	0.0000e+00	2.3299e+01	6.7445e+00	4.1341e+00
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	2.3963e+01	3.7700e+01	-2.4797e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-4.1461e+00	7.2628e+01	-4.6197e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-1.3532e+01	1.5512e+00	-7.4598e-01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	2.9012e+01	2.8832e+01	1.3940e+00
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	2.9262e+01	4.5041e+01	-7.9286e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.6355e+00	6.1744e+01	-8.4685e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-4.7459e+00	3.4019e+01	-3.8629e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	3.1278e+01	4.1630e+01	-3.3230e+00
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	3.1138e+01	4.3852e+01	-1.3596e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-4.9871e+00	4.1866e+01	-1.2608e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.9932e+00	5.6947e+01	-7.9557e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	3.0146e+01	4.5778e+01	-8.9441e+00
1178	1430	0.0000e+00	0.0000e+00	0.0000e+00	2.9595e+01	3.3713e+01	-1.8445e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.4585e+01	1.1353e+01	-1.5803e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-5.0900e+00	7.1583e+01	-1.1799e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	2.5454e+01	4.1320e+01	-1.4442e+01
1179	1429	0.0000e+00	0.0000e+00	0.0000e+00	2.4392e+01	1.3575e+01	-2.1388e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-3.1671e+01	-3.2134e+01	-1.6693e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.4504e+01	7.8681e+01	-1.4073e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	1.6740e+01	2.7802e+01	-1.8769e+01
1180	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.3570e+01	-2.0290e+01	-2.2212e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-5.8798e+01	-9.1904e+01	-1.4086e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-3.1601e+01	7.8436e+01	-1.3022e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	2.8400e+00	4.7213e+00	-2.1149e+01
1181	1427	0.0000e+00	0.0000e+00	0.0000e+00	5.7613e+01	-7.7415e+01	-2.2905e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	-1.5304e+02	-1.7606e+02	-1.3719e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-5.9418e+01	7.7090e+01	-3.2350e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	-1.7392e+01	-4.2246e+01	-1.2422e+01
1182	1425	0.0000e+00	0.0000e+00	0.0000e+00	7.2545e+01	-3.8337e+01	1.3638e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	2.4459e+01	-5.0205e+01	1.7540e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	3.0938e+01	-6.5227e+01	3.8071e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	7.3971e+01	-4.9985e+01	-9.4524e-02
1183	1424	0.0000e+00	0.0000e+00	0.0000e+00	6.4789e+01	-4.5382e+00	1.6448e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	3.1322e+01	-9.7193e+00	1.7261e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	3.3892e+01	-1.4664e+01	2.0712e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	6.3866e+01	-2.6656e+01	1.9898e+01
1184	1423	0.0000e+00	0.0000e+00	0.0000e+00	6.3145e+01	1.7229e+01	1.1472e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	3.7985e+01	1.7749e+01	1.0262e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	3.6079e+01	1.3669e+01	1.7084e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	6.2599e+01	7.2406e-01	1.8293e+01
1185	1422	0.0000e+00	0.0000e+00	0.0000e+00	6.3634e+01	3.0975e+01	3.2417e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	4.2699e+01	3.5161e+01	2.0136e+00
	1434	0.0000e+00	0.0000e+00	0.0000e+00	4.1298e+01	3.2253e+01	9.9848e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	6.2546e+01	2.0705e+01	1.1213e+01
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	6.4509e+01	3.6948e+01	-6.5416e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	4.5223e+01	4.4089e+01	-7.3359e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	4.4530e+01	4.2544e+01	1.2110e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	6.3593e+01	3.2814e+01	2.0053e+00
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	6.5387e+01	3.5235e+01	-1.6750e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	4.5472e+01	4.4864e+01	-1.6999e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	4.5576e+01	4.4761e+01	-8.3161e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	6.4780e+01	3.7250e+01	-8.0675e+00
1188	1419	0.0000e+00	0.0000e+00	0.0000e+00	6.6342e+01	2.5506e+01	-2.6420e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	4.3438e+01	3.7329e+01	-2.6178e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	4.4313e+01	3.8690e+01	-1.7793e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	6.5957e+01	3.3961e+01	-1.8035e+01
1189	1418	0.0000e+00	0.0000e+00	0.0000e+00	6.8272e+01	7.1216e+00	-3.4319e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	3.9163e+01	2.0872e+01	-3.3976e+01

	1430	0.0000e+00	0.0000e+00	0.0000e+00	4.0696e+01	2.3616e+01	-2.6431e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	6.7434e+01	2.2473e+01	-2.6774e+01
1190	1417	0.0000e+00	0.0000e+00	0.0000e+00	7.1294e+01	-2.0023e+01	-3.7180e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	3.7500e+01	-6.4156e+00	-3.8707e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	3.4814e+01	-2.4865e+00	-3.4125e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	7.0886e+01	2.0771e+00	-3.2598e+01
1191	1416	0.0000e+00	0.0000e+00	0.0000e+00	8.2805e+01	-4.5284e+01	-1.8924e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	3.5061e+01	-5.7658e+01	-2.3491e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	2.8245e+01	-4.3412e+01	-3.5622e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	8.0367e+01	-3.1840e+01	-3.1055e+01
1192	1414	0.0000e+00	0.0000e+00	0.0000e+00	9.2127e+01	-2.4584e+01	8.3005e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	7.6095e+01	-3.1042e+01	1.1198e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	8.0251e+01	-4.1604e+01	1.6430e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	9.3841e+01	-2.9201e+01	-1.2542e+00
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	8.5134e+01	-6.8213e+00	1.2320e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	7.1461e+01	-4.6944e+00	1.7513e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	7.8477e+01	-2.2909e+01	1.6125e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	8.8640e+01	-1.8042e+01	1.0932e+01
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	7.9924e+01	1.0334e+01	9.7240e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	6.9995e+01	1.5498e+01	1.2696e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	7.2943e+01	1.7317e+00	1.6531e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	8.2999e+01	-6.7443e-01	1.3558e+01
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	7.7689e+01	2.2135e+01	3.1653e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	7.0158e+01	2.8787e+01	4.3593e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	7.1135e+01	2.0035e+01	1.0523e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	7.9131e+01	1.4519e+01	9.3291e+00
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	7.7773e+01	2.7586e+01	-5.3197e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	7.1185e+01	3.4866e+01	-5.4936e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	7.0959e+01	3.1096e+01	1.6387e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	7.7646e+01	2.4297e+01	1.8126e+00
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	7.9854e+01	2.6492e+01	-1.4261e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	7.2833e+01	3.3674e+01	-1.5667e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	7.1639e+01	3.4956e+01	-8.4009e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	7.8201e+01	2.7794e+01	-6.9951e+00
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	8.3989e+01	1.8775e+01	-2.2258e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	7.5304e+01	2.4950e+01	-2.5036e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	7.2925e+01	3.1493e+01	-1.8465e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	8.0739e+01	2.4697e+01	-1.5687e+01
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	9.0533e+01	4.8532e+00	-2.7325e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	7.9335e+01	8.2154e+00	-3.1899e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	7.5012e+01	2.0377e+01	-2.7369e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	8.5587e+01	1.4796e+01	-2.2794e+01
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	9.8937e+01	-1.2581e+01	-2.5879e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	8.7013e+01	-1.6210e+01	-3.2743e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	7.8624e+01	1.4575e+00	-3.3139e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	9.3417e+01	-1.3902e+00	-2.6275e+01
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	1.0701e+02	-2.5881e+01	-1.5135e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	9.1096e+01	-3.6823e+01	-1.9916e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	8.5310e+01	-2.5141e+01	-2.8218e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	1.0311e+02	-1.9695e+01	-2.3437e+01
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	9.0897e+01	-1.5555e+01	5.0613e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	9.0906e+01	-2.0677e+01	6.6362e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	9.3026e+01	-2.5150e+01	3.0906e-01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	9.1969e+01	-1.7782e+01	-1.2658e+00
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	8.6291e+01	-5.4003e+00	8.1651e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	8.5875e+01	-6.0397e+00	1.2328e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	9.1637e+01	-1.6153e+01	9.8760e+00
	1403	0.0000e+00	0.0000e+00	0.0000e+00	8.8965e+01	-1.1952e+01	5.7129e+00
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	8.1470e+01	6.3429e+00	6.8885e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	8.1843e+01	8.9548e+00	1.0499e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	8.6411e+01	-5.8455e-01	1.1973e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	8.4217e+01	-8.8356e-01	8.3632e+00
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	7.8617e+01	1.5365e+01	2.3352e+00



	1411	0.0000e+00	0.0000e+00	0.0000e+00	7.9967e+01	1.9847e+01	4.2544e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	8.2305e+01	1.3267e+01	8.2274e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	8.0168e+01	9.9063e+00	6.3082e+00
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	7.8297e+01	1.9847e+01	-4.0509e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	8.0268e+01	2.5129e+01	-4.0066e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	8.0438e+01	2.2182e+01	1.1461e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	7.8216e+01	1.7292e+01	1.1018e+00
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	8.0546e+01	1.9246e+01	-1.0817e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	8.2689e+01	2.4365e+01	-1.2658e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	8.0775e+01	2.5262e+01	-7.3855e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	7.8730e+01	1.9973e+01	-5.5448e+00
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	8.5319e+01	1.3596e+01	-1.6458e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	8.7343e+01	1.7436e+01	-2.0221e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	8.3227e+01	2.2231e+01	-1.5886e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	8.1811e+01	1.7513e+01	-1.2123e+01
1209	1396	0.0000e+00	0.0000e+00	0.0000e+00	9.2307e+01	3.7705e+00	-1.9258e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	9.4301e+01	4.8020e+00	-2.4813e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	8.7870e+01	1.3125e+01	-2.2734e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	8.7480e+01	1.0051e+01	-1.7178e+01
1210	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.0019e+02	-7.5936e+00	-1.7613e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	1.0250e+02	-1.0859e+01	-2.3896e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	9.4712e+01	-1.0127e+00	-2.5533e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	9.5243e+01	-1.0466e+00	-1.9249e+01
1211	1394	0.0000e+00	0.0000e+00	0.0000e+00	1.0658e+02	-1.5555e+01	-1.1720e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	1.0719e+02	-2.1955e+01	-1.5721e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	1.0265e+02	-1.6296e+01	-2.1149e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.0301e+02	-1.1980e+01	-1.7148e+01
1212	1392	0.0000e+00	0.0000e+00	0.0000e+00	7.9541e+01	-1.0647e+01	2.6220e+00
	1403	0.0000e+00	0.0000e+00	0.0000e+00	8.7349e+01	-1.3915e+01	3.6342e+00
	1404	0.0000e+00	0.0000e+00	0.0000e+00	8.8476e+01	-1.6160e+01	-9.9313e-02
	1393	0.0000e+00	0.0000e+00	0.0000e+00	8.0464e+01	-1.2058e+01	-1.1116e+00
1213	1391	0.0000e+00	0.0000e+00	0.0000e+00	7.6422e+01	-3.7605e+00	4.4152e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	8.3389e+01	-4.9806e+00	7.4427e+00
	1403	0.0000e+00	0.0000e+00	0.0000e+00	8.7346e+01	-1.1374e+01	5.2304e+00
	1392	0.0000e+00	0.0000e+00	0.0000e+00	7.8599e+01	-8.2266e+00	2.2029e+00
1214	1390	0.0000e+00	0.0000e+00	0.0000e+00	7.3035e+01	4.3194e+00	4.0623e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	7.9545e+01	5.4302e+00	6.9779e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	8.3406e+01	-1.4908e+00	7.0547e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	7.5082e+01	-5.3152e-01	4.1391e+00
1215	1389	0.0000e+00	0.0000e+00	0.0000e+00	7.0891e+01	1.0827e+01	1.3672e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	7.7421e+01	1.3527e+01	3.0478e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	7.9702e+01	8.3810e+00	5.0882e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	7.2015e+01	7.0525e+00	3.4077e+00
1216	1388	0.0000e+00	0.0000e+00	0.0000e+00	7.0710e+01	1.4279e+01	-2.8319e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	7.7542e+01	1.7611e+01	-2.8196e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	7.7740e+01	1.5210e+01	3.0919e-01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	7.0537e+01	1.2365e+01	2.9689e-01
1217	1387	0.0000e+00	0.0000e+00	0.0000e+00	7.2734e+01	1.4083e+01	-7.3035e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	8.0029e+01	1.7072e+01	-9.0836e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	7.8035e+01	1.7732e+01	-5.8622e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	7.1121e+01	1.4362e+01	-4.0821e+00
1218	1386	0.0000e+00	0.0000e+00	0.0000e+00	7.6902e+01	1.0237e+01	-1.0748e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	8.4840e+01	1.1894e+01	-1.4269e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	8.0694e+01	1.5567e+01	-1.1952e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	7.3913e+01	1.2650e+01	-8.4308e+00
1219	1385	0.0000e+00	0.0000e+00	0.0000e+00	8.2829e+01	3.3628e+00	-1.2045e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	9.1536e+01	2.9142e+00	-1.6951e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	8.5667e+01	8.9219e+00	-1.6418e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	7.8755e+01	7.4202e+00	-1.1511e+01
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	8.9430e+01	-4.7854e+00	-1.0866e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	9.8690e+01	-7.3106e+00	-1.6100e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	9.2491e+01	-9.3765e-01	-1.7717e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	8.5024e+01	-2.7139e-01	-1.2483e+01

1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	9.4615e+01	-1.0598e+01	-8.3076e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	1.0335e+02	-1.4210e+01	-1.1803e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	9.9608e+01	-1.0686e+01	-1.4967e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	9.1277e+01	-8.0518e+00	-1.1472e+01
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	6.4109e+01	-8.7654e+00	5.7954e-01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	7.5312e+01	-1.0475e+01	1.4615e+00
	1393	0.0000e+00	0.0000e+00	0.0000e+00	7.6034e+01	-1.1944e+01	-2.0086e-01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	6.5174e+01	-1.0372e+01	-1.0828e+00
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	6.2518e+01	-2.3620e+00	1.8068e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	7.2179e+01	-3.6901e+00	3.8258e+00
	1392	0.0000e+00	0.0000e+00	0.0000e+00	7.4731e+01	-8.4178e+00	1.8609e+00
	1381	0.0000e+00	0.0000e+00	0.0000e+00	6.4057e+01	-5.8673e+00	-1.5804e-01
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	6.0964e+01	3.5177e+00	2.2537e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	6.9433e+01	3.7069e+00	4.0161e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	7.2096e+01	-1.3706e+00	3.3232e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	6.1872e+01	1.8651e-01	1.5608e+00
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	5.9941e+01	8.0967e+00	8.2943e-01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	6.8013e+01	9.4777e+00	1.8377e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	6.9610e+01	5.6433e+00	2.6225e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	6.0387e+01	5.4751e+00	1.6142e+00
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	6.0095e+01	1.0653e+01	-1.7259e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	6.8288e+01	1.2494e+01	-1.8713e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	6.8320e+01	1.0627e+01	-2.1993e-01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	5.9769e+01	9.2091e+00	-7.4591e-02
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	6.1722e+01	1.0735e+01	-4.4498e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	7.0440e+01	1.2223e+01	-5.9125e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	6.8732e+01	1.2615e+01	-4.1990e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	6.0467e+01	1.0721e+01	-2.7364e+00
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	6.4736e+01	8.2766e+00	-6.3580e+00
	1386	0.0000e+00	0.0000e+00	0.0000e+00	7.4379e+01	8.6244e+00	-9.0493e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	7.1021e+01	1.1253e+01	-8.0846e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	6.2640e+01	9.6966e+00	-5.3933e+00
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	6.8787e+01	3.5357e+00	-6.6548e+00
	1385	0.0000e+00	0.0000e+00	0.0000e+00	7.9691e+01	2.2495e+00	-1.0263e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	7.5095e+01	6.6764e+00	-1.0673e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	6.6071e+01	6.1995e+00	-7.0648e+00
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	7.3846e+01	-3.1676e+00	-5.4216e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	8.5415e+01	-5.3009e+00	-9.5490e+00
	1385	0.0000e+00	0.0000e+00	0.0000e+00	8.0693e+01	-4.2545e-01	-1.1109e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	7.0205e+01	5.2095e-01	-6.9817e+00
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	7.7925e+01	-9.4496e+00	-5.1123e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	9.0018e+01	-1.0818e+01	-8.2520e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	8.6873e+01	-8.1126e+00	-9.5269e+00
	1373	0.0000e+00	0.0000e+00	0.0000e+00	7.4709e+01	-6.9647e+00	-6.3871e+00
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	4.7902e+01	-4.2213e+00	-4.6090e-01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	5.9131e+01	-9.2105e+00	3.8038e-01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	6.2198e+01	-1.1458e+01	-2.9204e-01
	21	0.0000e+00	0.0000e+00	0.0000e+00	4.6539e+01	-1.5120e+01	-1.1333e+00
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	5.0000e+01	-7.5736e-01	1.7270e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	5.7882e+01	-1.8926e+00	1.6777e+00
	1381	0.0000e+00	0.0000e+00	0.0000e+00	5.8947e+01	-6.7142e+00	-1.9107e-01
	674	0.0000e+00	0.0000e+00	0.0000e+00	4.8835e+01	-4.1604e+00	-1.4183e-01
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	5.0309e+01	3.2626e+00	1.7873e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	5.7256e+01	3.2144e+00	2.2296e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	5.8371e+01	-6.6605e-01	1.5356e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	5.0089e+01	6.5584e-01	1.0933e+00
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	5.0274e+01	6.4655e+00	8.0951e-01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	5.6905e+01	7.1731e+00	1.1261e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	5.7623e+01	4.3590e+00	1.4311e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	5.0197e+01	4.4645e+00	1.1145e+00
1236	670	0.0000e+00	0.0000e+00	0.0000e+00	5.0729e+01	8.3627e+00	-7.7774e-01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	5.7430e+01	9.3619e+00	-1.0803e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	5.7241e+01	7.9228e+00	-2.0897e-01

	671	0.0000e+00	0.0000e+00	0.0000e+00	5.0305e+01	7.2020e+00	9.3556e-02
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	5.2024e+01	8.5762e+00	-2.4308e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	5.9113e+01	9.3337e+00	-3.5458e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	5.7817e+01	9.4805e+00	-2.6346e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	5.1062e+01	8.4392e+00	-1.5196e+00
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	5.4006e+01	6.9909e+00	-3.5910e+00
	1375	0.0000e+00	0.0000e+00	0.0000e+00	6.1820e+01	6.9781e+00	-5.3787e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	5.9546e+01	8.7669e+00	-4.9642e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	5.2658e+01	7.9359e+00	-3.1764e+00
1239	667	0.0000e+00	0.0000e+00	0.0000e+00	5.6062e+01	3.6593e+00	-3.7682e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	6.5029e+01	2.4306e+00	-5.7908e+00
	1375	0.0000e+00	0.0000e+00	0.0000e+00	6.2211e+01	5.8515e+00	-6.3402e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	5.4782e+01	5.7072e+00	-4.3175e+00
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	5.6992e+01	-1.8080e+00	-2.7148e+00
	1373	0.0000e+00	0.0000e+00	0.0000e+00	6.8407e+01	-4.3406e+00	-4.4328e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	6.5290e+01	9.1092e-01	-6.1885e+00
	667	0.0000e+00	0.0000e+00	0.0000e+00	5.6627e+01	1.8440e+00	-4.4704e+00
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	5.8183e+01	-1.5663e+01	-2.0628e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	7.4639e+01	-1.0851e+01	-5.3277e+00
	1373	0.0000e+00	0.0000e+00	0.0000e+00	6.9523e+01	-7.7228e+00	-5.4238e+00
	666	0.0000e+00	0.0000e+00	0.0000e+00	5.6684e+01	-2.7219e+00	-2.1589e+00
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	-1.6131e+01	-3.9584e+01	9.2256e+00
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-5.7858e+01	8.1918e+01	-2.2713e-01
	30	0.0000e+00	0.0000e+00	0.0000e+00	-1.5239e+02	-1.7530e+02	1.0732e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	5.9252e+01	-7.5433e+01	2.0185e+01
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	4.6402e+00	8.2190e+00	1.7360e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-2.9712e+01	8.4018e+01	9.1108e+00
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-5.7282e+01	-9.0166e+01	1.0585e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	1.5494e+01	-1.7277e+01	1.8834e+01
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	1.8940e+01	3.2048e+01	1.4308e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-1.2508e+01	8.4922e+01	9.5951e+00
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-2.9881e+01	-2.9384e+01	1.2673e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	2.6763e+01	1.7416e+01	1.7385e+01
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	2.7956e+01	4.6230e+01	9.2725e+00
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-3.2218e+00	7.8226e+01	6.7070e+00
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-1.2728e+01	1.5187e+01	1.1206e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	3.2264e+01	3.8303e+01	1.3771e+01
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	3.2848e+01	5.1167e+01	3.0615e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-5.3718e-01	6.3563e+01	2.2493e+00
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-3.2904e+00	4.6851e+01	7.4081e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	3.3955e+01	4.9063e+01	8.2203e+00
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	3.4046e+01	4.7175e+01	-3.2304e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-4.0583e+00	3.9953e+01	-2.4013e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-3.7292e-01	6.7910e+01	2.6899e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	3.2041e+01	5.0638e+01	1.8608e+00
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	3.1659e+01	3.4025e+01	-8.5189e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-1.4075e+01	5.8645e+00	-5.9504e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-3.6623e+00	7.9941e+01	-1.6521e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	2.6452e+01	4.3296e+01	-4.2206e+00
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	2.5540e+01	1.0819e+01	-1.1677e+01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-3.1766e+01	-4.0937e+01	-6.9922e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-1.3533e+01	8.3954e+01	-4.2410e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.6799e+01	2.6767e+01	-8.9254e+00
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	1.3798e+01	-2.6152e+01	-1.2500e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-5.9651e+01	-1.0361e+02	-4.3295e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-3.1291e+01	8.0295e+01	-3.2669e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.9935e+00	7.3772e-01	-1.1437e+01
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	5.9819e+01	-8.7781e+01	-1.3510e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-1.5690e+02	-1.8990e+02	-4.5419e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-5.9846e+01	7.5204e+01	6.8297e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	-1.9063e+01	-4.9365e+01	-2.1384e+00
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	8.2172e+01	-2.9691e+01	2.8596e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	2.9925e+01	-4.1024e+01	3.2888e+01

	1362	0.0000e+00	0.0000e+00	0.0000e+00	3.6559e+01	-5.5691e+01	2.1084e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	8.4235e+01	-4.3723e+01	1.6792e+01
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	7.3187e+01	5.0044e+00	2.9522e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	3.7013e+01	7.7049e-01	3.0721e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	3.9437e+01	-3.5042e+00	3.5774e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	7.3193e+01	-1.7713e+01	3.4575e+01
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	7.0312e+01	2.6093e+01	2.2974e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	4.3366e+01	2.7671e+01	2.2296e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	4.1588e+01	2.4548e+01	3.0376e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	7.0718e+01	1.0178e+01	3.1053e+01
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	6.9449e+01	3.8187e+01	1.3428e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	4.7399e+01	4.3472e+01	1.2859e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	4.6314e+01	4.1702e+01	2.1843e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	6.9382e+01	2.9252e+01	2.2412e+01
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	6.8912e+01	4.1913e+01	2.5898e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	4.9004e+01	5.0120e+01	2.5252e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	4.8729e+01	4.9804e+01	1.1867e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	6.9057e+01	3.9569e+01	1.1932e+01
1257	1345	0.0000e+00	0.0000e+00	0.0000e+00	6.8387e+01	3.7614e+01	-8.3941e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	4.8198e+01	4.8207e+01	-7.8902e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	4.8768e+01	4.9358e+01	1.3677e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	6.8837e+01	4.1675e+01	8.6388e-01
1258	1344	0.0000e+00	0.0000e+00	0.0000e+00	6.8019e+01	2.5157e+01	-1.8522e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	4.5060e+01	3.7776e+01	-1.7551e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	4.6403e+01	4.0361e+01	-8.8281e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	6.8641e+01	3.5761e+01	-9.7983e+00
1259	1343	0.0000e+00	0.0000e+00	0.0000e+00	6.8812e+01	4.0976e+00	-2.6487e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	3.9740e+01	1.8388e+01	-2.5511e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	4.1673e+01	2.2267e+01	-1.7903e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	6.8857e+01	2.1538e+01	-1.8879e+01
1260	1342	0.0000e+00	0.0000e+00	0.0000e+00	7.1044e+01	-2.5384e+01	-2.8786e+01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	3.7431e+01	-1.1764e+01	-2.9956e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	3.4778e+01	-6.8221e+00	-2.5741e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	7.1326e+01	-1.5223e+00	-2.4571e+01
1261	1341	0.0000e+00	0.0000e+00	0.0000e+00	8.1811e+01	-5.0964e+01	-7.6299e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	3.6094e+01	-6.7109e+01	-1.2496e+01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	2.7396e+01	-5.0628e+01	-2.7021e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	8.0650e+01	-3.8100e+01	-2.2155e+01
1262	1339	0.0000e+00	0.0000e+00	0.0000e+00	1.0482e+02	-1.8031e+01	2.1447e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	8.7120e+01	-2.3127e+01	2.5933e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	9.2640e+01	-3.5392e+01	1.7926e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	1.0839e+02	-2.4683e+01	1.3440e+01
1263	1338	0.0000e+00	0.0000e+00	0.0000e+00	9.5652e+01	9.0440e-01	2.3747e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	8.0979e+01	4.2061e+00	3.0269e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	8.9043e+01	-1.4090e+01	3.0274e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	1.0080e+02	-1.0799e+01	2.3753e+01
1264	1337	0.0000e+00	0.0000e+00	0.0000e+00	8.8458e+01	1.7712e+01	1.9627e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	7.7988e+01	2.3817e+01	2.3791e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	8.1922e+01	1.1036e+01	2.8799e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	9.2963e+01	7.2561e+00	2.4635e+01
1265	1336	0.0000e+00	0.0000e+00	0.0000e+00	8.4369e+01	2.8167e+01	1.1800e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	7.6588e+01	3.5549e+01	1.4101e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	7.8526e+01	2.8423e+01	2.1207e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	8.7093e+01	2.1776e+01	1.8906e+01
1266	1335	0.0000e+00	0.0000e+00	0.0000e+00	8.2716e+01	3.1674e+01	2.3295e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	7.6052e+01	3.9473e+01	3.1855e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	7.6753e+01	3.7705e+01	1.1035e+01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	8.3750e+01	3.0009e+01	1.0179e+01
1267	1334	0.0000e+00	0.0000e+00	0.0000e+00	8.3189e+01	2.8326e+01	-7.2844e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	7.6188e+01	3.5794e+01	-7.7446e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	7.5859e+01	3.9271e+01	3.7043e-03
	1335	0.0000e+00	0.0000e+00	0.0000e+00	8.2586e+01	3.1444e+01	4.6398e-01
1268	1333	0.0000e+00	0.0000e+00	0.0000e+00	8.5864e+01	1.8280e+01	-1.5585e+01

	1344	0.0000e+00	0.0000e+00	0.0000e+00	7.7258e+01	2.4460e+01	-1.7519e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	7.5642e+01	3.3242e+01	-1.0736e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	8.3562e+01	2.6031e+01	-8.8016e+00
1269	1332	0.0000e+00	0.0000e+00	0.0000e+00	9.1115e+01	2.2364e+00	-2.0473e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	8.0095e+01	5.1961e+00	-2.4333e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	7.6355e+01	1.9488e+01	-1.9946e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	8.7033e+01	1.3787e+01	-1.6086e+01
1270	1331	0.0000e+00	0.0000e+00	0.0000e+00	9.8344e+01	-1.6582e+01	-1.8112e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	8.6914e+01	-2.1372e+01	-2.4398e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	7.8806e+01	-1.8979e+00	-2.5516e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	9.3715e+01	-4.4807e+00	-1.9231e+01
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	1.0453e+02	-2.9624e+01	-5.8223e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	9.0074e+01	-4.1990e+01	-9.5925e+00
	1342	0.0000e+00	0.0000e+00	0.0000e+00	8.4680e+01	-3.0502e+01	-1.9267e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	1.0228e+02	-2.3770e+01	-1.5497e+01
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.0449e+02	-1.0731e+01	1.5638e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	1.0434e+02	-1.4781e+01	1.9354e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	1.0860e+02	-2.0866e+01	1.4176e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.0775e+02	-1.4693e+01	1.0459e+01
1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	9.7223e+01	7.2729e-01	1.7302e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	9.6939e+01	1.1000e+00	2.3244e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	1.0439e+02	-9.2316e+00	2.1929e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.0181e+02	-6.2635e+00	1.5988e+01
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	9.0084e+01	1.2367e+01	1.4716e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	9.0754e+01	1.5838e+01	1.9844e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	9.6760e+01	7.0121e+00	2.2307e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	9.4471e+01	5.6211e+00	1.7179e+01
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	8.5188e+01	2.0328e+01	9.0788e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	8.6899e+01	2.5493e+01	1.2314e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	9.0490e+01	2.0212e+01	1.7081e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	8.8151e+01	1.5965e+01	1.3846e+01
1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	8.3048e+01	2.3173e+01	1.8759e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	8.5377e+01	2.8940e+01	3.0754e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	8.6655e+01	2.7628e+01	8.8128e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	8.4200e+01	2.2070e+01	7.6133e+00
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	8.3660e+01	2.0658e+01	-5.4037e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	8.6131e+01	2.6033e+01	-6.2206e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	8.5192e+01	2.8716e+01	-5.9341e-01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	8.2943e+01	2.2982e+01	2.2354e-01
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	8.6940e+01	1.3089e+01	-1.1197e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	8.9271e+01	1.6894e+01	-1.4041e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	8.6005e+01	2.3469e+01	-9.6221e+00
	1323	0.0000e+00	0.0000e+00	0.0000e+00	8.4445e+01	1.8551e+01	-6.7785e+00
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	9.2506e+01	1.6485e+00	-1.3713e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	9.4854e+01	2.2669e+00	-1.8406e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	8.9165e+01	1.2171e+01	-1.6581e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	8.8686e+01	9.1877e+00	-1.1888e+01
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	9.8915e+01	-1.0581e+01	-1.1323e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	1.0161e+02	-1.4658e+01	-1.6652e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	9.4661e+01	-3.7943e+00	-1.8922e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	9.5065e+01	-3.3904e+00	-1.3593e+01
1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.0316e+02	-1.8078e+01	-4.4717e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	1.0477e+02	-2.5339e+01	-7.1517e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	1.0122e+02	-1.9959e+01	-1.3457e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.0128e+02	-1.4773e+01	-1.0777e+01
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	9.2458e+01	-7.1438e+00	1.0383e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.0103e+02	-9.5764e+00	1.3632e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.0453e+02	-1.3440e+01	1.0668e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	9.5547e+01	-1.0022e+01	7.4189e+00
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	8.6644e+01	1.0957e+00	1.1067e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	9.4410e+01	6.7405e-01	1.5991e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.0029e+02	-6.1037e+00	1.4614e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	9.0744e+01	-3.8068e+00	9.6894e+00

1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	8.0943e+01	9.2653e+00	9.7186e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	8.8209e+01	1.1053e+01	1.4224e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	9.3665e+01	4.6130e+00	1.5039e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	8.4617e+01	4.7927e+00	1.0533e+01
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	7.6817e+01	1.4950e+01	6.2137e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	8.4011e+01	1.8181e+01	9.2267e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	8.7630e+01	1.4086e+01	1.1859e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	7.9303e+01	1.2121e+01	8.8457e+00
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	7.4907e+01	1.7031e+01	1.4147e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	8.2295e+01	2.0724e+01	2.5653e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	8.3633e+01	1.9702e+01	6.1177e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	7.5901e+01	1.6381e+01	4.9672e+00
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	7.5386e+01	1.5226e+01	-3.4061e+00
	1323	0.0000e+00	0.0000e+00	0.0000e+00	8.3133e+01	1.8372e+01	-4.1855e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	8.2128e+01	2.0544e+01	-7.3448e-01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	7.4812e+01	1.6878e+01	4.4886e-02
1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	7.8118e+01	9.8069e+00	-6.9073e+00
	1322	0.0000e+00	0.0000e+00	0.0000e+00	8.6426e+01	1.1380e+01	-9.5047e+00
	1323	0.0000e+00	0.0000e+00	0.0000e+00	8.3172e+01	1.6521e+01	-7.1839e+00
	1312	0.0000e+00	0.0000e+00	0.0000e+00	7.6109e+01	1.3512e+01	-4.5865e+00
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	8.2618e+01	1.6871e+00	-7.9431e+00
	1321	0.0000e+00	0.0000e+00	0.0000e+00	9.1644e+01	8.9396e-01	-1.1919e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	8.6653e+01	8.1142e+00	-1.1633e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	7.9551e+01	6.7562e+00	-7.6570e+00
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	8.7705e+01	-7.0599e+00	-6.2405e+00
	1320	0.0000e+00	0.0000e+00	0.0000e+00	9.7160e+01	-1.0102e+01	-1.0412e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	9.2024e+01	-3.0752e+00	-1.2485e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	8.4389e+01	-2.0250e+00	-8.3135e+00
1291	1308	0.0000e+00	0.0000e+00	0.0000e+00	9.0881e+01	-1.2468e+01	-3.1582e+00
	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.0007e+02	-1.6469e+01	-5.3069e+00
	1320	0.0000e+00	0.0000e+00	0.0000e+00	9.7558e+01	-1.3281e+01	-8.9607e+00
	1309	0.0000e+00	0.0000e+00	0.0000e+00	8.9038e+01	-1.0069e+01	-6.8120e+00
1292	1306	0.0000e+00	0.0000e+00	0.0000e+00	7.5578e+01	-6.3009e+00	5.6464e+00
	1317	0.0000e+00	0.0000e+00	0.0000e+00	8.7988e+01	-7.3223e+00	8.5899e+00
	1318	0.0000e+00	0.0000e+00	0.0000e+00	9.0927e+01	-1.0317e+01	7.4639e+00
	1307	0.0000e+00	0.0000e+00	0.0000e+00	7.8603e+01	-9.1160e+00	4.5205e+00
1293	1305	0.0000e+00	0.0000e+00	0.0000e+00	7.1472e+01	1.5995e+00	6.0393e+00
	1316	0.0000e+00	0.0000e+00	0.0000e+00	8.2230e+01	8.1503e-01	9.8911e+00
	1317	0.0000e+00	0.0000e+00	0.0000e+00	8.6668e+01	-4.4143e+00	8.4869e+00
	1306	0.0000e+00	0.0000e+00	0.0000e+00	7.4839e+01	-2.4269e+00	4.6351e+00
1294	1304	0.0000e+00	0.0000e+00	0.0000e+00	6.7844e+01	7.7088e+00	5.8756e+00
	1315	0.0000e+00	0.0000e+00	0.0000e+00	7.7191e+01	8.3723e+00	9.1246e+00
	1316	0.0000e+00	0.0000e+00	0.0000e+00	8.1413e+01	3.5698e+00	8.9013e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	7.0206e+01	4.6740e+00	5.6523e+00
1295	1303	0.0000e+00	0.0000e+00	0.0000e+00	6.5047e+01	1.1629e+01	3.9240e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	7.3821e+01	1.3386e+01	6.1596e+00
	1315	0.0000e+00	0.0000e+00	0.0000e+00	7.6697e+01	1.0384e+01	7.3328e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	6.6701e+01	9.8248e+00	5.0972e+00
1296	1302	0.0000e+00	0.0000e+00	0.0000e+00	6.3650e+01	1.3016e+01	9.7580e-01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	7.2395e+01	1.5104e+01	1.8733e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	7.3500e+01	1.4387e+01	3.8001e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	6.4365e+01	1.2672e+01	2.9026e+00
1297	1301	0.0000e+00	0.0000e+00	0.0000e+00	6.3881e+01	1.1722e+01	-1.9615e+00
	1312	0.0000e+00	0.0000e+00	0.0000e+00	7.3020e+01	1.3303e+01	-2.5008e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	7.2247e+01	1.4959e+01	-6.5373e-01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	6.3561e+01	1.2894e+01	-1.1441e-01
1298	1300	0.0000e+00	0.0000e+00	0.0000e+00	6.5577e+01	7.9448e+00	-3.8781e+00
	1311	0.0000e+00	0.0000e+00	0.0000e+00	7.5522e+01	8.2166e+00	-5.6956e+00
	1312	0.0000e+00	0.0000e+00	0.0000e+00	7.3039e+01	1.2041e+01	-4.7588e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	6.4377e+01	1.0464e+01	-2.9413e+00
1299	1299	0.0000e+00	0.0000e+00	0.0000e+00	6.8284e+01	2.1970e+00	-3.9827e+00
	1310	0.0000e+00	0.0000e+00	0.0000e+00	7.9386e+01	6.7859e-01	-6.6805e+00
	1311	0.0000e+00	0.0000e+00	0.0000e+00	7.5698e+01	6.0422e+00	-7.2805e+00

	1300	0.0000e+00	0.0000e+00	0.0000e+00	6.6506e+01	5.7082e+00	-4.5826e+00
1300	1298	0.0000e+00	0.0000e+00	0.0000e+00	7.1888e+01	-4.9412e+00	-2.4038e+00
	1309	0.0000e+00	0.0000e+00	0.0000e+00	8.3502e+01	-7.4106e+00	-5.4869e+00
	1310	0.0000e+00	0.0000e+00	0.0000e+00	7.9860e+01	-2.0535e+00	-7.3610e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	6.9283e+01	-8.2356e-01	-4.2778e+00
1301	1297	0.0000e+00	0.0000e+00	0.0000e+00	7.4275e+01	-1.1085e+01	-1.8023e+00
	1308	0.0000e+00	0.0000e+00	0.0000e+00	8.6444e+01	-1.2499e+01	-3.7603e+00
	1309	0.0000e+00	0.0000e+00	0.0000e+00	8.4499e+01	-1.0065e+01	-5.2664e+00
	1298	0.0000e+00	0.0000e+00	0.0000e+00	7.2252e+01	-8.5068e+00	-3.3083e+00
1302	557	0.0000e+00	0.0000e+00	0.0000e+00	5.7335e+01	-2.1760e+00	1.7840e+00
	1306	0.0000e+00	0.0000e+00	0.0000e+00	7.0306e+01	-7.1221e+00	4.8342e+00
	1307	0.0000e+00	0.0000e+00	0.0000e+00	7.5295e+01	-1.0581e+01	4.7841e+00
	19	0.0000e+00	0.0000e+00	0.0000e+00	5.8526e+01	-1.5429e+01	1.7339e+00
1303	556	0.0000e+00	0.0000e+00	0.0000e+00	5.7658e+01	2.7417e+00	3.9617e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	6.6484e+01	1.9084e+00	5.4191e+00
	1306	0.0000e+00	0.0000e+00	0.0000e+00	6.9333e+01	-3.6649e+00	3.7591e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	5.7762e+01	-1.2214e+00	2.3017e+00
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	5.6271e+01	7.0005e+00	3.6612e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	6.3905e+01	7.2569e+00	5.3624e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	6.6387e+01	3.4979e+00	4.9275e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	5.7236e+01	4.6127e+00	3.2264e+00
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	5.4709e+01	9.6317e+00	2.3613e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	6.1858e+01	1.0579e+01	3.7484e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	6.3708e+01	8.4477e+00	4.2875e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	5.5670e+01	8.3304e+00	2.9004e+00
1306	553	0.0000e+00	0.0000e+00	0.0000e+00	5.3795e+01	1.0494e+01	5.4450e-01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	6.0882e+01	1.1643e+01	1.1674e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	6.1653e+01	1.1188e+01	2.2025e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	5.4287e+01	1.0294e+01	1.5796e+00
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	5.3841e+01	9.4910e+00	-1.2169e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	6.1199e+01	1.0295e+01	-1.5015e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	6.0754e+01	1.1524e+01	-5.2093e-01
	553	0.0000e+00	0.0000e+00	0.0000e+00	5.3709e+01	1.0393e+01	-2.3632e-01
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	5.4632e+01	6.7499e+00	-2.3583e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	6.2602e+01	6.6829e+00	-3.3501e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	6.1143e+01	9.4760e+00	-2.9679e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	5.4082e+01	8.6546e+00	-1.9761e+00
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	5.5482e+01	2.5420e+00	-2.4108e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	6.4482e+01	1.1882e+00	-3.6014e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	6.2525e+01	5.3667e+00	-4.2699e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	5.5026e+01	5.3326e+00	-3.0793e+00
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	5.5165e+01	-3.3183e+00	-1.1870e+00
	1298	0.0000e+00	0.0000e+00	0.0000e+00	6.6341e+01	-5.9804e+00	-1.9605e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	6.4284e+01	-3.6936e-01	-3.8682e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	5.5655e+01	7.3447e-01	-3.0947e+00
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	5.4321e+01	-1.6785e+01	-3.4541e-01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	7.1196e+01	-1.2371e+01	-2.3874e+00
	1298	0.0000e+00	0.0000e+00	0.0000e+00	6.6956e+01	-9.1754e+00	-2.7862e+00
	549	0.0000e+00	0.0000e+00	0.0000e+00	5.4423e+01	-3.9740e+00	-7.4419e-01
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	-1.9059e+01	-4.9364e+01	2.1471e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-5.9837e+01	7.5206e+01	-6.8210e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	-1.5690e+02	-1.8991e+02	4.5613e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	5.9827e+01	-8.7806e+01	1.3529e+01
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	2.0000e+00	7.4262e-01	1.1444e+01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	-3.1285e+01	8.0307e+01	3.2750e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-5.9645e+01	-1.0362e+02	4.3388e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	1.3806e+01	-2.6151e+01	1.2508e+01
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.6807e+01	2.6775e+01	8.9322e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	-1.3528e+01	8.3968e+01	4.2479e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	-3.1762e+01	-4.0936e+01	6.9996e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	2.5549e+01	1.0826e+01	1.1684e+01
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	2.6461e+01	4.3305e+01	4.2271e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	-3.6552e+00	7.9955e+01	1.6574e+00

	1294	0.0000e+00	0.0000e+00	0.0000e+00	-1.4070e+01	5.8704e+00	5.9566e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	3.1668e+01	3.4033e+01	8.5262e+00
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	3.2053e+01	5.0647e+01	-1.8557e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-3.6227e-01	6.7923e+01	-2.6869e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	-4.0504e+00	3.9962e+01	2.4058e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	3.4057e+01	4.7185e+01	3.2370e+00
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	3.3972e+01	4.9072e+01	-8.2178e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-3.2755e+00	4.6863e+01	-7.4085e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-5.2527e-01	6.3573e+01	-2.2474e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	3.2861e+01	5.1176e+01	-3.0567e+00
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	3.2285e+01	3.8310e+01	-1.3772e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-1.2708e+01	1.5199e+01	-1.1210e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-3.2053e+00	7.8236e+01	-6.7086e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.7974e+01	4.6238e+01	-9.2706e+00
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	2.6792e+01	1.7423e+01	-1.7390e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-2.9855e+01	-2.9373e+01	-1.2682e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-1.2486e+01	8.4932e+01	-9.6015e+00
	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.8963e+01	3.2054e+01	-1.4310e+01
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.5539e+01	-1.7264e+01	-1.8839e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-5.7247e+01	-9.0155e+01	-1.0599e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-2.9685e+01	8.4028e+01	-9.1236e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	4.6732e+00	8.2236e+00	-1.7364e+01
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	5.9281e+01	-7.5379e+01	-2.0166e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	-1.5228e+02	-1.7529e+02	-1.0736e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-5.7818e+01	8.1923e+01	2.0094e-01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	-1.6075e+01	-3.9573e+01	-9.2293e+00
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	8.0662e+01	-3.8107e+01	2.2162e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.7403e+01	-5.0632e+01	2.7034e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	3.6108e+01	-6.7134e+01	1.2508e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	8.1829e+01	-5.0983e+01	7.6355e+00
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	7.1335e+01	-1.5170e+00	2.4579e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	3.4786e+01	-6.8176e+00	2.5750e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	3.7439e+01	-1.1764e+01	2.9966e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	7.1055e+01	-2.5386e+01	2.8795e+01
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	6.8866e+01	2.1547e+01	1.8887e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	4.1682e+01	2.2275e+01	1.7911e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	3.9748e+01	1.8395e+01	2.5519e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	6.8822e+01	4.1039e+00	2.6496e+01
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	6.8652e+01	3.5770e+01	9.8072e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	4.6414e+01	4.0370e+01	8.8360e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	4.5069e+01	3.7785e+01	1.7559e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	6.8028e+01	2.5166e+01	1.8531e+01
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	6.8850e+01	4.1683e+01	-8.5551e-01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	4.8781e+01	4.9366e+01	-1.3611e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	4.8209e+01	4.8216e+01	7.8976e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	6.8397e+01	3.7622e+01	8.4032e+00
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	6.9072e+01	3.9575e+01	-1.1925e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	4.8746e+01	4.9812e+01	-1.1863e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	4.9018e+01	5.0128e+01	-2.5195e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	6.8925e+01	4.1920e+01	-2.5816e+00
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	6.9401e+01	2.9257e+01	-2.2407e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	4.6336e+01	4.1708e+01	-2.1842e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	4.7417e+01	4.3479e+01	-1.2856e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	6.9465e+01	3.8192e+01	-1.3422e+01
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	7.0741e+01	1.0185e+01	-3.1050e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	4.1618e+01	2.4555e+01	-3.0377e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	4.3390e+01	2.7677e+01	-2.2297e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	7.0333e+01	2.6096e+01	-2.2970e+01
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	7.3219e+01	-1.7697e+01	-3.4572e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	3.9473e+01	-3.4935e+00	-3.5773e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	3.7044e+01	7.7738e-01	-3.0723e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	7.3213e+01	5.0102e+00	-2.9521e+01
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	8.4252e+01	-4.3687e+01	-1.6796e+01



	1277	0.0000e+00	0.0000e+00	0.0000e+00	3.6593e+01	-5.5644e+01	-2.1082e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	2.9966e+01	-4.1005e+01	-3.2882e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	8.2196e+01	-2.9667e+01	-2.8597e+01
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	1.0230e+02	-2.3775e+01	1.5497e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	8.4693e+01	-3.0509e+01	1.9274e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	9.0094e+01	-4.2007e+01	9.5969e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	1.0455e+02	-2.9638e+01	5.8205e+00
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	9.3724e+01	-4.4740e+00	1.9235e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	7.8816e+01	-1.8931e+00	2.5525e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	8.6926e+01	-2.1374e+01	2.4405e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	9.8357e+01	-1.6582e+01	1.8115e+01
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	8.7041e+01	1.3797e+01	1.6094e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	7.6363e+01	1.9496e+01	1.9955e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	8.0104e+01	5.2030e+00	2.4340e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	9.1123e+01	2.2448e+00	2.0480e+01
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	8.3569e+01	2.6040e+01	8.8116e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	7.5651e+01	3.3251e+01	1.0745e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	7.7267e+01	2.4469e+01	1.7528e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	8.5871e+01	1.8290e+01	1.5594e+01
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	8.2594e+01	3.1452e+01	-4.5366e-01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	7.5870e+01	3.9279e+01	5.5502e-03
	1272	0.0000e+00	0.0000e+00	0.0000e+00	7.6198e+01	3.5803e+01	7.7538e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	8.3196e+01	2.8334e+01	7.2946e+00
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	8.3759e+01	3.0014e+01	-1.0169e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	7.6767e+01	3.7710e+01	-1.1027e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	7.6064e+01	3.9480e+01	-3.1770e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	8.2725e+01	3.1680e+01	-2.3194e+00
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	8.7104e+01	2.1779e+01	-1.8898e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	7.8544e+01	2.8426e+01	-2.1201e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	7.6603e+01	3.5553e+01	-1.4094e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	8.4379e+01	2.8170e+01	-1.1791e+01
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	9.2976e+01	7.2597e+00	-2.4630e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	8.1943e+01	1.1041e+01	-2.8795e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	7.8007e+01	2.3820e+01	-2.3786e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	8.8470e+01	1.7714e+01	-1.9621e+01
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	1.0081e+02	-1.0788e+01	-2.3753e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	8.9063e+01	-1.4076e+01	-3.0273e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	8.1001e+01	4.2128e+00	-3.0265e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	9.5665e+01	9.0912e-01	-2.3745e+01
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	1.0840e+02	-2.4659e+01	-1.3451e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	9.2654e+01	-3.5361e+01	-1.7931e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	8.7141e+01	-2.3106e+01	-2.5932e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	1.0483e+02	-1.8015e+01	-2.1452e+01
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.0129e+02	-1.4771e+01	1.0769e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	1.0123e+02	-1.9962e+01	1.3457e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	1.0479e+02	-2.5352e+01	7.1481e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.0318e+02	-1.8089e+01	4.4606e+00
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	9.5072e+01	-3.3781e+00	1.3594e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	9.4669e+01	-3.7866e+00	1.8927e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	1.0162e+02	-1.4656e+01	1.6652e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	9.8926e+01	-1.0574e+01	1.1319e+01
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	8.8691e+01	9.2009e+00	1.1896e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	8.9171e+01	1.2182e+01	1.6590e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	9.4862e+01	2.2764e+00	1.8411e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	9.2511e+01	1.6620e+00	1.3717e+01
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	8.4449e+01	1.8562e+01	6.7886e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	8.6011e+01	2.3478e+01	9.6323e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	8.9278e+01	1.6905e+01	1.4050e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	8.6945e+01	1.3101e+01	1.1206e+01
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	8.2946e+01	2.2989e+01	-2.1310e-01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	8.5199e+01	2.8722e+01	6.0397e-01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	8.6137e+01	2.6042e+01	6.2308e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	8.3664e+01	2.0667e+01	5.4137e+00

1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	8.4202e+01	2.2074e+01	-7.6031e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	8.6663e+01	2.7632e+01	-8.8027e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	8.5384e+01	2.8946e+01	-3.0653e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	8.3050e+01	2.3179e+01	-1.8657e+00
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	8.8153e+01	1.5965e+01	-1.3837e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	9.0499e+01	2.0213e+01	-1.7073e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	8.6907e+01	2.5496e+01	-1.2305e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	8.5189e+01	2.0331e+01	-9.0690e+00
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	9.4473e+01	5.6192e+00	-1.7173e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	9.6770e+01	7.0136e+00	-2.2302e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	9.0764e+01	1.5839e+01	-1.9836e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	9.0086e+01	1.2366e+01	-1.4708e+01
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.0181e+02	-6.2631e+00	-1.5992e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	1.0440e+02	-9.2237e+00	-2.1931e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	9.6951e+01	1.1024e+00	-2.3240e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	9.7224e+01	7.2527e-01	-1.7300e+01
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.0775e+02	-1.4680e+01	-1.0477e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	1.0861e+02	-2.0845e+01	-1.4188e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	1.0434e+02	-1.4769e+01	-1.9359e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.0449e+02	-1.0728e+01	-1.5648e+01
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	8.9044e+01	-1.0055e+01	6.7940e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	9.7568e+01	-1.3277e+01	8.9531e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.0009e+02	-1.6478e+01	5.2924e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	9.0902e+01	-1.2474e+01	3.1332e+00
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	8.4395e+01	-2.0036e+00	8.3141e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	9.2028e+01	-3.0596e+00	1.2487e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	9.7168e+01	-1.0092e+01	1.0405e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	8.7711e+01	-7.0382e+00	6.2320e+00
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	7.9558e+01	6.7721e+00	7.6650e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	8.6657e+01	8.1287e+00	1.1641e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	9.1649e+01	9.0900e-01	1.1923e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	8.2622e+01	1.7082e+00	7.9473e+00
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	7.6113e+01	1.3523e+01	4.5946e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	8.3175e+01	1.6531e+01	7.1932e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	8.6430e+01	1.1393e+01	9.5135e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	7.8124e+01	9.8208e+00	6.9149e+00
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	7.4811e+01	1.6884e+01	-3.7507e-02
	1249	0.0000e+00	0.0000e+00	0.0000e+00	8.2130e+01	2.0550e+01	7.4412e-01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	8.3136e+01	1.8382e+01	4.1951e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	7.5389e+01	1.5235e+01	3.4135e+00
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	7.5895e+01	1.6385e+01	-4.9598e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	8.3633e+01	1.9704e+01	-6.1079e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	8.2296e+01	2.0730e+01	-2.5559e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	7.4905e+01	1.7037e+01	-1.4077e+00
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	7.9292e+01	1.2121e+01	-8.8378e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	8.7629e+01	1.4085e+01	-1.1849e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	8.4010e+01	1.8184e+01	-9.2177e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	7.6809e+01	1.4953e+01	-6.2062e+00
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	8.4606e+01	4.7850e+00	-1.0527e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	9.3664e+01	4.6086e+00	-1.5033e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	8.8207e+01	1.1051e+01	-1.4217e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	8.0931e+01	9.2629e+00	-9.7104e+00
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	9.0736e+01	-3.8233e+00	-9.6934e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.0029e+02	-6.1070e+00	-1.4619e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	9.4411e+01	6.6793e-01	-1.5988e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	8.6631e+01	1.0862e+00	-1.1062e+01
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	9.5530e+01	-1.0022e+01	-7.4452e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.0452e+02	-1.3431e+01	-1.0688e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.0104e+02	-9.5781e+00	-1.3640e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	9.2449e+01	-7.1594e+00	-1.0397e+01
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	7.2255e+01	-8.4392e+00	3.2819e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	8.4496e+01	-1.0043e+01	5.2555e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	8.6454e+01	-1.2501e+01	3.7291e+00

	1232	0.0000e+00	0.0000e+00	0.0000e+00	7.4296e+01	-1.1091e+01	1.7555e+00
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	6.9303e+01	-7.9220e-01	4.2889e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	7.9861e+01	-2.0252e+00	7.3626e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	8.3505e+01	-7.3866e+00	5.4769e+00
	1231	0.0000e+00	0.0000e+00	0.0000e+00	7.1887e+01	-4.8973e+00	2.4032e+00
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	6.6522e+01	5.7234e+00	4.5884e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	7.5706e+01	6.0586e+00	7.2864e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	7.9393e+01	7.0143e-01	6.6874e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	6.8302e+01	2.2189e+00	3.9894e+00
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	6.4384e+01	1.0473e+01	2.9429e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	7.3044e+01	1.2051e+01	4.7646e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	7.5529e+01	8.2316e+00	5.7033e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	6.5590e+01	7.9566e+00	3.8816e+00
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	6.3559e+01	1.2900e+01	1.1391e-01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	7.2246e+01	1.4964e+01	6.5889e-01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	7.3022e+01	1.3313e+01	2.5069e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	6.3886e+01	1.1729e+01	1.9620e+00
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	6.4352e+01	1.2676e+01	-2.9031e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	7.3491e+01	1.4389e+01	-3.7946e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	7.2391e+01	1.5111e+01	-1.8683e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	6.3645e+01	1.3021e+01	-9.7672e-01
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	6.6677e+01	9.8265e+00	-5.0956e+00
	1236	0.0000e+00	0.0000e+00	0.0000e+00	7.6683e+01	1.0382e+01	-7.3257e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	7.3811e+01	1.3389e+01	-6.1544e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	6.5031e+01	1.1633e+01	-3.9243e+00
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	7.0173e+01	4.6681e+00	-5.6468e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	8.1397e+01	3.5597e+00	-8.8929e+00
	1236	0.0000e+00	0.0000e+00	0.0000e+00	7.7175e+01	8.3704e+00	-9.1190e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	6.7818e+01	7.7083e+00	-5.8729e+00
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	7.4820e+01	-2.4537e+00	-4.6290e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	8.6653e+01	-4.4343e+00	-8.4881e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	8.2217e+01	8.0116e-01	-9.8876e+00
	1224	0.0000e+00	0.0000e+00	0.0000e+00	7.1436e+01	1.5833e+00	-6.0286e+00
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	7.8563e+01	-9.1293e+00	-4.5630e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	9.0915e+01	-1.0326e+01	-7.4966e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	8.7988e+01	-7.3492e+00	-8.5953e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	7.5547e+01	-6.3771e+00	-5.6617e+00
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	5.4514e+01	-3.9551e+00	7.8306e-01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	6.6951e+01	-9.0685e+00	2.7734e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	7.1159e+01	-1.2362e+01	2.2810e+00
	16	0.0000e+00	0.0000e+00	0.0000e+00	5.4340e+01	-1.6503e+01	2.9071e-01
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	5.5708e+01	7.5561e-01	3.0942e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	6.4315e+01	-3.4344e-01	3.8732e+00
	1231	0.0000e+00	0.0000e+00	0.0000e+00	6.6368e+01	-5.9254e+00	1.9728e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	5.5233e+01	-3.2731e+00	1.1939e+00
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	5.5059e+01	5.3414e+00	3.0715e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	6.2547e+01	5.3783e+00	4.2713e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	6.4509e+01	1.2134e+00	3.6086e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	5.5528e+01	2.5586e+00	2.4087e+00
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	5.4097e+01	8.6594e+00	1.9642e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	6.1154e+01	9.4823e+00	2.9657e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	6.2620e+01	6.6960e+00	3.3512e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	5.4660e+01	6.7579e+00	2.3498e+00
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	5.3709e+01	1.0397e+01	2.2270e-01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	6.0752e+01	1.1528e+01	5.1682e-01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	6.1205e+01	1.0304e+01	1.4988e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	5.3851e+01	9.4965e+00	1.2047e+00
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	5.4272e+01	1.0298e+01	-1.5931e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	6.1639e+01	1.1191e+01	-2.2067e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	6.0876e+01	1.1649e+01	-1.1717e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	5.3791e+01	1.0499e+01	-5.5810e-01
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	5.5640e+01	8.3331e+00	-2.9124e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	6.3681e+01	8.4482e+00	-4.2899e+00

	1226	0.0000e+00	0.0000e+00	0.0000e+00	6.1840e+01	1.0584e+01	-3.7521e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	5.4690e+01	9.6377e+00	-2.3746e+00
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	5.7188e+01	4.6065e+00	-3.2364e+00
	1224	0.0000e+00	0.0000e+00	0.0000e+00	6.6346e+01	3.4889e+00	-4.9264e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	6.3873e+01	7.2597e+00	-5.3636e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	5.6236e+01	7.0052e+00	-3.6736e+00
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	5.7694e+01	-1.2619e+00	-2.3121e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	6.9263e+01	-3.7069e+00	-3.7534e+00
	1224	0.0000e+00	0.0000e+00	0.0000e+00	6.6434e+01	1.9040e+00	-5.4143e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	5.7601e+01	2.7378e+00	-3.9730e+00
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	5.8313e+01	-1.5767e+01	-1.8234e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	7.5347e+01	-1.0631e+01	-4.8753e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	7.0247e+01	-7.2240e+00	-4.8484e+00
	432	0.0000e+00	0.0000e+00	0.0000e+00	5.7229e+01	-2.1407e+00	-1.7965e+00
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	-1.7392e+01	-4.2336e+01	1.2492e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-5.9429e+01	7.7002e+01	3.3247e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	-1.5302e+02	-1.7617e+02	1.3803e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	5.7623e+01	-7.7519e+01	2.2970e+01
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	2.8247e+00	4.6413e+00	2.1234e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	-3.1621e+01	7.8367e+01	1.3116e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-5.8817e+01	-9.2015e+01	1.4173e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	1.3570e+01	-2.0374e+01	2.2291e+01
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.6718e+01	2.7731e+01	1.8869e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	-1.4522e+01	7.8621e+01	1.4175e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	-3.1694e+01	-3.2233e+01	1.6787e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	2.4379e+01	1.3500e+01	2.1481e+01
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	2.5432e+01	4.1257e+01	1.4553e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-5.0960e+00	7.1534e+01	1.1908e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	-1.4603e+01	1.1259e+01	1.5905e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	2.9578e+01	3.3645e+01	1.8550e+01
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	3.0129e+01	4.5725e+01	9.0633e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-1.9789e+00	5.6919e+01	8.0678e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-4.9909e+00	4.1772e+01	1.2715e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	3.1124e+01	4.3791e+01	1.3711e+01
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	3.1271e+01	4.1593e+01	3.4461e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-4.7018e+00	3.4025e+01	3.9748e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-1.6176e+00	6.1647e+01	8.5785e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	2.9258e+01	4.4992e+01	8.0499e+00
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	2.9023e+01	2.8822e+01	-1.2723e+00
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-1.3446e+01	1.6140e+00	8.5160e-01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-4.0974e+00	7.2528e+01	4.7271e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	2.3978e+01	3.7670e+01	2.6031e+00
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	2.3337e+01	6.7777e+00	-4.0201e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-2.9206e+01	-4.2184e+01	1.3934e-02
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-1.2691e+01	7.5520e+01	2.4491e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.4997e+01	2.1751e+01	-1.5849e+00
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.2618e+01	-2.7745e+01	-4.5534e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-5.4159e+01	-1.0006e+02	2.5812e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-2.8502e+01	7.1100e+01	3.4213e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.4179e+00	-2.8777e+00	-3.7133e+00
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	5.7144e+01	-8.3348e+01	-4.5460e+00
	24	0.0000e+00	0.0000e+00	0.0000e+00	-1.4342e+02	-1.7889e+02	2.7753e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-5.4100e+01	6.5391e+01	1.2770e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	-1.7338e+01	-4.9885e+01	5.4491e+00
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	8.0372e+01	-3.1914e+01	3.1114e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	2.8243e+01	-4.3495e+01	3.5693e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	3.5071e+01	-5.7759e+01	2.3548e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	8.2822e+01	-4.5364e+01	1.8969e+01
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	7.0876e+01	2.0143e+00	3.2677e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	3.4800e+01	-2.5634e+00	3.4213e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	3.7496e+01	-6.4940e+00	3.8783e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	7.1294e+01	-2.0092e+01	3.7246e+01
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	6.7410e+01	2.2417e+01	2.6869e+01

	1209	0.0000e+00	0.0000e+00	0.0000e+00	4.0673e+01	2.3546e+01	2.6534e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	3.9147e+01	2.0805e+01	3.4068e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	6.8257e+01	7.0620e+00	3.4403e+01
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	6.5922e+01	3.3911e+01	1.8146e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	4.4286e+01	3.8626e+01	1.7909e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	4.3414e+01	3.7269e+01	2.6284e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	6.6314e+01	2.5452e+01	2.6521e+01
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	6.4736e+01	3.7207e+01	8.1930e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	4.5549e+01	4.4703e+01	8.4442e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	4.5446e+01	4.4810e+01	1.7117e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	6.5348e+01	3.5186e+01	1.6866e+01
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	6.3543e+01	3.2784e+01	-1.8681e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	4.4509e+01	4.2498e+01	-1.0736e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	4.5200e+01	4.4046e+01	7.4643e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	6.4462e+01	3.6906e+01	6.6697e+00
1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	6.2491e+01	2.0700e+01	-1.1067e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	4.1289e+01	3.2228e+01	-9.8409e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	4.2683e+01	3.5138e+01	-1.8779e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	6.3581e+01	3.0948e+01	-3.1038e+00
1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	6.2539e+01	7.5964e-01	-1.8142e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	3.6090e+01	1.3679e+01	-1.6936e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.7984e+01	1.7759e+01	-1.0122e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	6.3088e+01	1.7228e+01	-1.1328e+01
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	6.3796e+01	-2.6554e+01	-1.9750e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	3.3914e+01	-1.4594e+01	-2.0561e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	3.1343e+01	-9.6545e+00	-1.7117e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	6.4723e+01	-4.4943e+00	-1.6305e+01
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	7.3855e+01	-4.9818e+01	1.7496e-01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	3.0963e+01	-6.5004e+01	-3.7064e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	2.4507e+01	-5.0038e+01	-1.7395e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	7.2446e+01	-3.8202e+01	-1.3514e+01
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	1.0312e+02	-1.9750e+01	2.3480e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	8.5314e+01	-2.5209e+01	2.8273e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	9.1112e+01	-3.6897e+01	1.9958e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	1.0703e+02	-2.5941e+01	1.5165e+01
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	9.3406e+01	-1.4351e+00	2.6337e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	7.8612e+01	1.3992e+00	3.3213e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	8.7013e+01	-1.6272e+01	3.2804e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	9.8940e+01	-1.2631e+01	2.5928e+01
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	8.5559e+01	1.4757e+01	2.2875e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	7.4985e+01	2.0325e+01	2.7461e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	7.9318e+01	8.1619e+00	3.1978e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	9.0517e+01	4.8124e+00	2.7393e+01
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	8.0695e+01	2.4661e+01	1.5785e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	7.2884e+01	3.1445e+01	1.8573e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	7.5273e+01	2.4902e+01	2.5132e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	8.3956e+01	1.8738e+01	2.2344e+01
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	7.8139e+01	2.7763e+01	7.1073e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	7.1586e+01	3.4914e+01	8.5234e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	7.2790e+01	3.3630e+01	1.5779e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	7.9805e+01	2.6459e+01	1.4363e+01
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	7.7566e+01	2.4275e+01	-1.6889e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	7.0896e+01	3.1065e+01	-1.5042e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	7.1130e+01	3.4830e+01	5.6191e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	7.7706e+01	2.7558e+01	5.4344e+00
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	7.9030e+01	1.4516e+01	-9.1982e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	7.1062e+01	2.0025e+01	-1.0380e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	7.0093e+01	2.8764e+01	-4.2230e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	7.7603e+01	2.2119e+01	-3.0411e+00
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	8.2872e+01	-6.4816e-01	-1.3429e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	7.2855e+01	1.7578e+00	-1.6386e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	6.9920e+01	1.5500e+01	-1.2553e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	7.9816e+01	1.0340e+01	-9.5960e+00

1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	8.8481e+01	-1.7977e+01	-1.0824e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	7.8362e+01	-2.2824e+01	-1.5992e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	7.1373e+01	-4.6501e+00	-1.7369e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	8.4996e+01	-6.7806e+00	-1.2200e+01
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	9.3647e+01	-2.9107e+01	1.3125e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	8.0114e+01	-4.1467e+01	-1.5633e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	7.5982e+01	-3.0930e+01	-1.1082e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	9.1952e+01	-2.4500e+01	-8.2061e+00
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.0301e+02	-1.2018e+01	1.7172e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	1.0266e+02	-1.6346e+01	2.1187e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	1.0721e+02	-2.2010e+01	1.5748e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.0660e+02	-1.5602e+01	1.1734e+01
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	9.5231e+01	-1.0715e+00	1.9295e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	9.4699e+01	-1.0519e+00	2.5591e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	1.0250e+02	-1.0902e+01	2.3939e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.0019e+02	-7.6234e+00	1.7643e+01
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	8.7453e+01	1.0029e+01	1.7244e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	8.7840e+01	1.3090e+01	2.2810e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	9.4282e+01	4.7670e+00	2.4877e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	9.2290e+01	3.7496e+00	1.9310e+01
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	8.1766e+01	1.7490e+01	1.2204e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	8.3180e+01	2.2199e+01	1.5978e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	8.7308e+01	1.7405e+01	2.0303e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	8.5286e+01	1.3576e+01	1.6528e+01
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	7.8663e+01	1.9952e+01	5.6367e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	8.0709e+01	2.5233e+01	7.4917e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	8.2637e+01	2.4336e+01	1.2756e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	8.0494e+01	1.9226e+01	1.0901e+01
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	7.8124e+01	1.7278e+01	-1.0015e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	8.0351e+01	2.2161e+01	-1.0290e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	8.0197e+01	2.5105e+01	4.1170e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	7.8222e+01	1.9830e+01	4.1444e+00
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	8.0046e+01	9.9033e+00	-6.2041e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	8.2193e+01	1.3261e+01	-8.1040e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	7.9875e+01	1.9834e+01	-4.1344e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	7.8515e+01	1.5356e+01	-2.2346e+00
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	8.4064e+01	-8.7051e-01	-8.2650e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	8.6271e+01	-5.6482e-01	-1.1853e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	8.1727e+01	8.9607e+00	-1.0375e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	8.1338e+01	6.3477e+00	-6.7865e+00
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	8.8780e+01	-1.1921e+01	-5.6375e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	9.1465e+01	-1.6100e+01	-9.7771e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	8.5731e+01	-6.0056e+00	-1.2213e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	8.6126e+01	-5.3772e+00	-8.0730e+00
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	9.1753e+01	-1.7737e+01	1.3025e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	9.2830e+01	-2.5075e+01	-2.5304e-01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	9.0730e+01	-2.0610e+01	-6.5517e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	9.0701e+01	-1.5514e+01	-4.9961e+00
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	9.1276e+01	-8.0686e+00	1.1477e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	9.9612e+01	-1.0719e+01	1.4988e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.0337e+02	-1.4253e+01	1.1813e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	9.4634e+01	-1.0637e+01	8.3022e+00
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	8.5015e+01	-2.7426e-01	1.2516e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	9.2475e+01	-9.5465e-01	1.7759e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	9.8687e+01	-7.3348e+00	1.6125e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	8.9428e+01	-4.7899e+00	1.0882e+01
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	7.8737e+01	7.4122e+00	1.1563e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	8.5638e+01	8.9057e+00	1.6478e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	9.1519e+01	2.8984e+00	1.6999e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	8.2815e+01	3.3620e+00	1.2085e+01
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	7.3877e+01	1.2637e+01	8.4914e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	8.0649e+01	1.5548e+01	1.2025e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	8.4807e+01	1.1879e+01	1.4335e+01

	1169	0.0000e+00	0.0000e+00	0.0000e+00	7.6877e+01	1.0229e+01	1.0802e+01
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	7.1060e+01	1.4348e+01	4.1486e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	7.7966e+01	1.7713e+01	5.9456e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	7.9977e+01	1.7056e+01	9.1620e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	7.2690e+01	1.4072e+01	7.3650e+00
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	7.0446e+01	1.2355e+01	-2.2626e-01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	7.7645e+01	1.5196e+01	-2.1811e-01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	7.7467e+01	1.7597e+01	2.9072e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	7.0640e+01	1.4269e+01	2.8990e+00
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	7.1891e+01	7.0484e+00	-3.3360e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	7.9576e+01	8.3767e+00	-4.9937e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	7.7318e+01	1.3520e+01	-2.9542e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	7.0789e+01	1.0822e+01	-1.2964e+00
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	7.4924e+01	-5.3048e-01	-4.0728e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	8.3248e+01	-1.4821e+00	-6.9656e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	7.9412e+01	5.4340e+00	-6.8838e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	7.2899e+01	4.3210e+00	-3.9910e+00
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	7.8415e+01	-8.2267e+00	-2.1545e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	8.7160e+01	-1.1351e+01	-5.1629e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	8.3226e+01	-4.9646e+00	-7.3592e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	7.6252e+01	-3.7535e+00	-4.3508e+00
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	8.0248e+01	-1.2048e+01	1.1245e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	8.8268e+01	-1.6126e+01	1.3121e-01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	8.7158e+01	-1.3886e+01	-3.5775e+00
	1163	0.0000e+00	0.0000e+00	0.0000e+00	7.9345e+01	-1.0643e+01	-2.5842e+00
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	7.4699e+01	-6.9218e+00	6.3759e+00
	1171	0.0000e+00	0.0000e+00	0.0000e+00	8.6864e+01	-8.1203e+00	9.5358e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	9.0030e+01	-1.0854e+01	8.2400e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	7.7936e+01	-9.4948e+00	5.0801e+00
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	7.0220e+01	5.3736e-01	7.0220e+00
	1170	0.0000e+00	0.0000e+00	0.0000e+00	8.0678e+01	-4.1515e-01	1.1141e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	8.5406e+01	-5.3014e+00	9.5600e+00
	1161	0.0000e+00	0.0000e+00	0.0000e+00	7.3837e+01	-3.1340e+00	5.4415e+00
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	6.6077e+01	6.1978e+00	7.1043e+00
	1169	0.0000e+00	0.0000e+00	0.0000e+00	7.5079e+01	6.6731e+00	1.0718e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	7.9682e+01	2.2528e+00	1.0305e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	6.8797e+01	3.5433e+00	6.6914e+00
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	6.2624e+01	9.6870e+00	5.4307e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	7.0989e+01	1.1243e+01	8.1363e+00
	1169	0.0000e+00	0.0000e+00	0.0000e+00	7.4359e+01	8.6205e+00	9.1007e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	6.4736e+01	8.2724e+00	6.3951e+00
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	6.0421e+01	1.0710e+01	2.7732e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	6.8673e+01	1.2602e+01	4.2556e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	7.0400e+01	1.2216e+01	5.9687e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	6.1697e+01	1.0727e+01	4.4863e+00
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	5.9689e+01	9.1997e+00	1.1122e-01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	6.8230e+01	1.0617e+01	2.7986e-01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	6.8221e+01	1.2487e+01	1.9310e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	6.0040e+01	1.0645e+01	1.7624e+00
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	6.0269e+01	5.4694e+00	-1.5787e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	6.9486e+01	5.6383e+00	-2.5614e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	6.7913e+01	9.4742e+00	-1.7758e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	5.9850e+01	8.0923e+00	-7.9306e-01
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	6.1714e+01	1.8280e-01	-1.5279e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	7.1938e+01	-1.3725e+00	-3.2646e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	6.9298e+01	3.7087e+00	-3.9553e+00
	1155	0.0000e+00	0.0000e+00	0.0000e+00	6.0834e+01	3.5168e+00	-2.2186e+00
1440	1153	0.0000e+00	0.0000e+00	0.0000e+00	6.3877e+01	-5.8781e+00	1.8764e-01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	7.4543e+01	-8.4235e+00	-1.8148e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	7.2014e+01	-3.6871e+00	-3.7725e+00
	1154	0.0000e+00	0.0000e+00	0.0000e+00	6.2348e+01	-2.3677e+00	-1.7701e+00
1441	1088	0.0000e+00	0.0000e+00	0.0000e+00	6.4950e+01	-1.0387e+01	1.0644e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	7.5830e+01	-1.1947e+01	2.0514e-01

		1163	0.0000e+00	0.0000e+00	0.0000e+00	7.5132e+01	-1.0486e+01	-1.4245e+00
		1153	0.0000e+00	0.0000e+00	0.0000e+00	6.3907e+01	-8.8281e+00	-5.6520e-01
1442	323	0.0000e+00	0.0000e+00	0.0000e+00	5.6793e+01	-2.6898e+00	2.2652e+00	
	1161	0.0000e+00	0.0000e+00	0.0000e+00	6.9483e+01	-7.6263e+00	5.4348e+00	
	1162	0.0000e+00	0.0000e+00	0.0000e+00	7.4619e+01	-1.0892e+01	5.2244e+00	
	14	0.0000e+00	0.0000e+00	0.0000e+00	5.8080e+01	-1.5413e+01	2.0548e+00	
1443	322	0.0000e+00	0.0000e+00	0.0000e+00	5.6701e+01	1.8507e+00	4.5006e+00	
	1160	0.0000e+00	0.0000e+00	0.0000e+00	6.5320e+01	9.2778e-01	6.2187e+00	
	1161	0.0000e+00	0.0000e+00	0.0000e+00	6.8415e+01	-4.2967e+00	4.4774e+00	
	323	0.0000e+00	0.0000e+00	0.0000e+00	5.7087e+01	-1.7821e+00	2.7592e+00	
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	5.4827e+01	5.6983e+00	4.3325e+00	
	1159	0.0000e+00	0.0000e+00	0.0000e+00	6.2229e+01	5.8475e+00	6.3699e+00	
	1160	0.0000e+00	0.0000e+00	0.0000e+00	6.5056e+01	2.4432e+00	5.8304e+00	
	322	0.0000e+00	0.0000e+00	0.0000e+00	5.6128e+01	3.6574e+00	3.7929e+00	
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	5.2670e+01	7.9223e+00	3.1829e+00	
	1158	0.0000e+00	0.0000e+00	0.0000e+00	5.9538e+01	8.7563e+00	4.9913e+00	
	1159	0.0000e+00	0.0000e+00	0.0000e+00	6.1829e+01	6.9769e+00	5.4116e+00	
	321	0.0000e+00	0.0000e+00	0.0000e+00	5.4043e+01	6.9810e+00	3.6033e+00	
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	5.1038e+01	8.4257e+00	1.5217e+00	
	1157	0.0000e+00	0.0000e+00	0.0000e+00	5.7777e+01	9.4688e+00	2.6604e+00	
	1158	0.0000e+00	0.0000e+00	0.0000e+00	5.9096e+01	9.3276e+00	3.5751e+00	
	320	0.0000e+00	0.0000e+00	0.0000e+00	5.2027e+01	8.5651e+00	2.4363e+00	
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	5.0244e+01	7.1905e+00	-9.4348e-02	
	1156	0.0000e+00	0.0000e+00	0.0000e+00	5.7166e+01	7.9133e+00	2.3396e-01	
	1157	0.0000e+00	0.0000e+00	0.0000e+00	5.7381e+01	9.3558e+00	1.1078e+00	
	319	0.0000e+00	0.0000e+00	0.0000e+00	5.0695e+01	8.3535e+00	7.7953e-01	
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	5.0098e+01	4.4543e+00	-1.1187e+00	
	1155	0.0000e+00	0.0000e+00	0.0000e+00	5.7508e+01	4.3527e+00	-1.4081e+00	
	1156	0.0000e+00	0.0000e+00	0.0000e+00	5.6819e+01	7.1698e+00	-1.0998e+00	
	318	0.0000e+00	0.0000e+00	0.0000e+00	5.0201e+01	6.4595e+00	-8.1042e-01	
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	4.9948e+01	6.4141e-01	-1.1044e+00	
	1154	0.0000e+00	0.0000e+00	0.0000e+00	5.8214e+01	-6.7252e-01	-1.5171e+00	
	1155	0.0000e+00	0.0000e+00	0.0000e+00	5.7130e+01	3.2149e+00	-2.2055e+00	
	317	0.0000e+00	0.0000e+00	0.0000e+00	5.0196e+01	3.2599e+00	-1.7928e+00	
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	4.8656e+01	-4.2002e+00	1.1586e-01	
	1153	0.0000e+00	0.0000e+00	0.0000e+00	5.8717e+01	-6.7407e+00	2.0334e-01	
	1154	0.0000e+00	0.0000e+00	0.0000e+00	5.7708e+01	-1.8866e+00	-1.6540e+00	
	316	0.0000e+00	0.0000e+00	0.0000e+00	4.9842e+01	-7.6065e-01	-1.7415e+00	
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	4.6074e+01	-1.5430e+01	1.0209e+00	
	1088	0.0000e+00	0.0000e+00	0.0000e+00	6.2085e+01	-1.1517e+01	2.3374e-01	
	1153	0.0000e+00	0.0000e+00	0.0000e+00	5.8889e+01	-9.2860e+00	-3.8163e-01	
	315	0.0000e+00	0.0000e+00	0.0000e+00	4.7674e+01	-4.1574e+00	4.0556e-01	
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	-1.8512e+01	-5.4137e+01	5.1196e+00	
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-6.1208e+01	6.6191e+01	8.7259e-01	
	24	0.0000e+00	0.0000e+00	0.0000e+00	-1.4359e+02	-1.8407e+02	9.8770e+00	
	1143	0.0000e+00	0.0000e+00	0.0000e+00	5.6052e+01	-8.3296e+01	1.4124e+01	
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	-4.6916e+00	-5.0992e+00	1.5311e+01	
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-3.7187e+01	7.1443e+01	1.0118e+01	
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-5.8946e+01	-1.0819e+02	1.0429e+01	
	1142	0.0000e+00	0.0000e+00	0.0000e+00	7.5027e+00	-3.2326e+01	1.5621e+01	
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	6.1807e+00	2.0383e+01	1.5005e+01	
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-2.2701e+01	7.8544e+01	1.2598e+01	
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-3.6881e+01	-5.2547e+01	1.3670e+01	
	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.5929e+01	3.2861e+00	1.6076e+01	
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	1.3013e+01	3.8820e+01	1.3277e+01	
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-1.4318e+01	7.9696e+01	1.2503e+01	
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-2.3001e+01	-9.0465e+00	1.4563e+01	
	1140	0.0000e+00	0.0000e+00	0.0000e+00	2.0271e+01	2.7358e+01	1.5337e+01	
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	1.6913e+01	5.0420e+01	1.0863e+01	
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-1.0803e+01	7.4854e+01	1.1233e+01	
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-1.4944e+01	2.4471e+01	1.3675e+01	
	1139	0.0000e+00	0.0000e+00	0.0000e+00	2.1736e+01	4.3603e+01	1.3305e+01	
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	1.8423e+01	5.5324e+01	8.6512e+00	



	1147	0.0000e+00	0.0000e+00	0.0000e+00	-1.1180e+01	6.3455e+01	9.7373e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-1.1505e+01	4.9543e+01	1.2000e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	2.0749e+01	5.2761e+01	1.0914e+01
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	1.7871e+01	5.3336e+01	7.3969e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-1.4422e+01	4.4710e+01	8.7267e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	-1.1678e+01	6.7110e+01	1.0336e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	1.7578e+01	5.4990e+01	9.0059e+00
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	1.5437e+01	4.3551e+01	7.5088e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.9394e+01	1.7740e+01	8.5467e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-1.4345e+01	7.7473e+01	9.2915e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	1.2300e+01	5.0044e+01	8.2536e+00
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	6.2725e+00	2.0554e+01	6.1665e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-2.3395e+01	-1.8130e+01	7.7857e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.8043e+01	7.9546e+01	9.2701e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	3.9037e+00	3.7639e+01	7.6509e+00
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	7.2559e+01	-1.8128e+01	3.3713e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	-9.1645e+01	-6.7331e+01	-2.3444e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-2.2052e+01	8.0817e+01	1.2634e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	-7.5635e+00	-9.1119e-01	1.8350e+01
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	7.1257e+01	-3.8200e+01	2.1225e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	2.3128e+01	-5.3011e+01	2.6549e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	3.0942e+01	-6.6160e+01	1.1992e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	7.3251e+01	-4.9360e+01	6.6674e+00
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	6.0705e+01	-6.1801e+00	2.5300e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	2.6461e+01	-1.2384e+01	2.8731e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	3.0390e+01	-1.7956e+01	3.0321e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	6.3096e+01	-2.7611e+01	2.6890e+01
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	5.5812e+01	1.7471e+01	2.2996e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	3.0261e+01	1.6141e+01	2.3987e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	2.9896e+01	1.1448e+01	2.8773e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	5.8003e+01	-2.7590e-01	2.7782e+01
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	5.3328e+01	3.4637e+01	1.7970e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	3.2611e+01	3.6061e+01	1.8735e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	3.2653e+01	3.2246e+01	2.4249e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	5.4697e+01	2.1697e+01	2.3484e+01
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	5.1173e+01	4.5683e+01	1.1949e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	3.3283e+01	4.9018e+01	1.3096e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	3.3880e+01	4.6348e+01	1.8695e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	5.2689e+01	3.7526e+01	1.7548e+01
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	4.8621e+01	5.0753e+01	6.0195e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	3.2185e+01	5.5296e+01	7.7919e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	3.3425e+01	5.4113e+01	1.2999e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	5.0646e+01	4.7348e+01	1.1227e+01
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	4.5097e+01	4.9305e+01	8.1643e-01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.9312e+01	5.4662e+01	3.4004e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	3.1212e+01	5.5511e+01	7.8913e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	4.7957e+01	5.1117e+01	5.3073e+00
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	4.1107e+01	3.9643e+01	-3.4573e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	2.3731e+01	4.5933e+01	1.0762e-02
	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.7210e+01	5.0211e+01	3.9189e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	4.4018e+01	4.8015e+01	4.5085e-01
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.9698e+01	1.6853e+01	-6.8435e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	2.3934e+01	2.5187e+01	-3.4103e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	2.0768e+01	3.4759e+01	-5.9067e-01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	3.9188e+01	3.6970e+01	-4.0239e+00
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	7.8267e+01	-1.9397e+01	-2.0920e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	-3.7084e+01	-2.8098e+01	7.6363e-01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	1.5839e+01	1.5855e+01	4.1158e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	3.0604e+01	-1.2544e-01	1.2602e+00
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	9.0440e+01	-2.2972e+01	1.3219e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	7.4702e+01	-3.0799e+01	1.7605e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	8.0455e+01	-4.0796e+01	8.2931e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	9.2767e+01	-2.8403e+01	3.9070e+00

1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	8.1986e+01	-5.7030e+00	1.8245e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	6.7707e+01	-5.4452e+00	2.5372e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	7.5596e+01	-2.3417e+01	2.2620e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	8.7225e+01	-1.7182e+01	1.5493e+01
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	7.4109e+01	1.3014e+01	1.7884e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	6.3364e+01	1.6280e+01	2.3344e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	6.8188e+01	1.6026e+00	2.5298e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	7.9343e+01	6.2629e-01	1.9838e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	6.8428e+01	2.8283e+01	1.4111e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	6.0306e+01	3.2934e+01	1.8125e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	6.3576e+01	2.2128e+01	2.2155e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	7.2552e+01	1.8026e+01	1.8141e+01
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	6.4252e+01	3.8881e+01	8.6758e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	5.7678e+01	4.4043e+01	1.1788e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	6.0190e+01	3.7086e+01	1.6573e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	6.7473e+01	3.1860e+01	1.3460e+01
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	6.0864e+01	4.4335e+01	2.7265e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	5.4858e+01	4.9432e+01	5.3971e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	5.7145e+01	4.6519e+01	1.0237e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	6.3496e+01	4.1106e+01	7.5666e+00
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	5.7647e+01	4.3799e+01	-2.9842e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	5.1450e+01	4.8489e+01	-4.3266e-01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	5.3787e+01	5.0198e+01	4.0463e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	6.0010e+01	4.5162e+01	1.4948e+00
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	5.4995e+01	3.5585e+01	-7.7311e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	4.6592e+01	3.9325e+01	-5.2448e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	4.9647e+01	4.7352e+01	-1.4293e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	5.6521e+01	4.2807e+01	-3.9156e+00
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	4.7733e+01	1.6165e+01	-1.0464e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	4.6983e+01	1.8523e+01	-8.9249e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	4.4189e+01	3.4844e+01	-6.9291e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	5.3362e+01	3.2868e+01	-8.4681e+00
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	8.0612e+01	-1.4975e+01	-5.7509e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	3.3525e+00	-2.4638e+01	-3.2357e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	4.0466e+01	1.3707e+01	-2.7500e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	4.8132e+01	2.9889e+00	-5.2653e+00
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	8.9361e+01	-1.3494e+01	7.8669e+00
	1120	0.0000e+00	0.0000e+00	0.0000e+00	8.9248e+01	-1.9093e+01	1.0871e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	9.3039e+01	-2.4426e+01	4.9012e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	9.1104e+01	-1.7062e+01	1.8968e+00
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	8.3434e+01	-2.4823e+00	1.1503e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	8.2680e+01	-4.0307e+00	1.7164e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	8.8987e+01	-1.5123e+01	1.4067e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	8.7556e+01	-9.9453e+00	8.4050e+00
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	7.6692e+01	1.1101e+01	1.1779e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	7.6267e+01	1.2532e+01	1.7515e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	8.2315e+01	1.2148e+00	1.7654e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	8.1208e+01	2.3423e+00	1.1919e+01
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	7.0905e+01	2.3488e+01	9.2285e+00
	1117	0.0000e+00	0.0000e+00	0.0000e+00	7.1112e+01	2.6786e+01	1.3932e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	7.5818e+01	1.7504e+01	1.6332e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	7.4863e+01	1.5590e+01	1.1629e+01
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	6.6547e+01	3.2788e+01	4.8434e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	6.7103e+01	3.7092e+01	8.4054e+00
	1117	0.0000e+00	0.0000e+00	0.0000e+00	7.0594e+01	3.0597e+01	1.2040e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	6.9618e+01	2.7008e+01	8.4779e+00
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	6.3453e+01	3.7972e+01	-4.4550e-01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	6.3833e+01	4.2677e+01	2.1754e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	6.6454e+01	3.9417e+01	6.3116e+00
	1105	0.0000e+00	0.0000e+00	0.0000e+00	6.5660e+01	3.5140e+01	3.6907e+00
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	6.1298e+01	3.7994e+01	-5.8094e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	6.0983e+01	4.2590e+01	-3.9419e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	6.2930e+01	4.3272e+01	1.3845e-01

	1104	0.0000e+00	0.0000e+00	0.0000e+00	6.2790e+01	3.9007e+01	-1.7290e+00
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	6.0298e+01	3.1409e+01	-1.0272e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	5.7898e+01	3.5034e+01	-9.0892e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	5.9611e+01	4.1129e+01	-5.6704e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	6.0764e+01	3.7330e+01	-6.8535e+00
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	5.7029e+01	1.5941e+01	-1.2435e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	5.8576e+01	1.7486e+01	-1.2350e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	5.6029e+01	3.0639e+01	-1.0913e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	5.9731e+01	2.9062e+01	-1.0997e+01
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	7.8398e+01	-8.2098e+00	-7.7885e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	3.1436e+01	-1.6811e+01	-6.7891e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	5.3675e+01	1.1747e+01	-8.2661e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	5.7999e+01	6.3525e+00	-9.2656e+00
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	7.8374e+01	-8.3930e+00	3.8614e+00
	1109	0.0000e+00	0.0000e+00	0.0000e+00	8.5820e+01	-1.1817e+01	6.0444e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	8.8372e+01	-1.5515e+01	2.5939e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	7.9843e+01	-1.1447e+01	4.1088e-01
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	7.4264e+01	1.3613e-01	5.8757e+00
	1108	0.0000e+00	0.0000e+00	0.0000e+00	8.0714e+01	-1.4613e+00	1.0060e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	8.5249e+01	-9.2967e+00	7.6478e+00
	1098	0.0000e+00	0.0000e+00	0.0000e+00	7.7437e+01	-5.6565e+00	3.4636e+00
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	6.9544e+01	1.0464e+01	6.3846e+00
	1107	0.0000e+00	0.0000e+00	0.0000e+00	7.5089e+01	1.0991e+01	1.0915e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	8.0109e+01	2.0213e+00	1.0288e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	7.2869e+01	3.9096e+00	5.7577e+00
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	6.5327e+01	2.0247e+01	4.8734e+00
	1106	0.0000e+00	0.0000e+00	0.0000e+00	7.0263e+01	2.2493e+01	8.7709e+00
	1107	0.0000e+00	0.0000e+00	0.0000e+00	7.4549e+01	1.4458e+01	9.9217e+00
	1096	0.0000e+00	0.0000e+00	0.0000e+00	6.8220e+01	1.4205e+01	6.0242e+00
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	6.2200e+01	2.7978e+01	1.7008e+00
	1105	0.0000e+00	0.0000e+00	0.0000e+00	6.6609e+01	3.1328e+01	4.5915e+00
	1106	0.0000e+00	0.0000e+00	0.0000e+00	6.9796e+01	2.5300e+01	7.0314e+00
	1095	0.0000e+00	0.0000e+00	0.0000e+00	6.4338e+01	2.3351e+01	4.1406e+00
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	6.0364e+01	3.2564e+01	-2.4425e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	6.4078e+01	3.6439e+01	-6.3693e-01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	6.6167e+01	3.3079e+01	2.5004e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	6.1601e+01	3.0141e+01	6.9484e-01
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	5.9809e+01	3.2942e+01	-6.7649e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	6.2562e+01	3.6749e+01	-6.0463e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	6.3577e+01	3.6798e+01	-2.8004e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	6.0118e+01	3.3557e+01	-3.5190e+00
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	6.0728e+01	2.7891e+01	-1.0300e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	6.1656e+01	3.0785e+01	-1.0654e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	6.1846e+01	3.5349e+01	-7.9738e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	5.9888e+01	3.2425e+01	-7.6207e+00
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	6.1017e+01	1.6131e+01	-1.1752e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	6.3451e+01	1.6928e+01	-1.3271e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	6.0628e+01	2.7061e+01	-1.2347e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	6.1042e+01	2.5850e+01	-1.0828e+01
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	7.4446e+01	-1.2873e+00	-7.9694e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	4.9309e+01	-8.1246e+00	-8.5149e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	6.0383e+01	1.1590e+01	-1.0706e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	6.2368e+01	9.5120e+00	-1.0161e+01
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	6.3373e+01	-6.4100e+00	7.7852e-01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	7.4126e+01	-8.1122e+00	2.4892e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	7.5890e+01	-1.1417e+01	1.0480e+00
	1088	0.0000e+00	0.0000e+00	0.0000e+00	6.4760e+01	-9.9901e+00	-6.6268e-01
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	6.1164e+01	1.9772e+00	2.0472e+00
	1097	0.0000e+00	0.0000e+00	0.0000e+00	7.0266e+01	6.2948e-01	4.8660e+00
	1098	0.0000e+00	0.0000e+00	0.0000e+00	7.3325e+01	-5.8701e+00	2.9489e+00
	1087	0.0000e+00	0.0000e+00	0.0000e+00	6.3299e+01	-3.0551e+00	1.3016e-01
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	5.8888e+01	1.0475e+01	2.9369e+00
	1096	0.0000e+00	0.0000e+00	0.0000e+00	6.6325e+01	1.0499e+01	5.7516e+00

	1097	0.0000e+00	0.0000e+00	0.0000e+00	6.9811e+01	3.1716e+00	4.7586e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	6.0586e+01	5.3518e+00	1.9440e+00
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	5.6786e+01	1.8256e+01	2.1715e+00
	1095	0.0000e+00	0.0000e+00	0.0000e+00	6.3102e+01	1.9653e+01	4.5865e+00
	1096	0.0000e+00	0.0000e+00	0.0000e+00	6.6091e+01	1.2926e+01	4.9661e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	5.8246e+01	1.3498e+01	2.5510e+00
1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	5.5415e+01	2.4573e+01	6.7630e-02
	1094	0.0000e+00	0.0000e+00	0.0000e+00	6.0848e+01	2.6933e+01	1.7195e+00
	1095	0.0000e+00	0.0000e+00	0.0000e+00	6.2968e+01	2.1653e+01	3.2076e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	5.6337e+01	2.0782e+01	1.5557e+00
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	5.5155e+01	2.8533e+01	-2.8248e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	5.9730e+01	3.1363e+01	-2.1791e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	6.0789e+01	2.8186e+01	-3.7864e-02
	1083	0.0000e+00	0.0000e+00	0.0000e+00	5.5285e+01	2.6366e+01	-6.8362e-01
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	5.6171e+01	2.9204e+01	-5.8275e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	5.9845e+01	3.1906e+01	-6.3220e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	5.9713e+01	3.1538e+01	-4.0685e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	5.5392e+01	2.9348e+01	-3.5740e+00
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	5.8621e+01	2.5601e+01	-8.0667e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	6.1064e+01	2.7366e+01	-9.7555e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	5.9780e+01	3.0657e+01	-8.0487e+00
	1081	0.0000e+00	0.0000e+00	0.0000e+00	5.6794e+01	2.8716e+01	-6.3599e+00
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	6.1769e+01	1.6627e+01	-8.6268e+00
	1090	0.0000e+00	0.0000e+00	0.0000e+00	6.4189e+01	1.6827e+01	-1.1594e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	6.0952e+01	2.4284e+01	-1.1153e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	5.9539e+01	2.3527e+01	-8.1854e+00
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	7.0180e+01	4.0385e+00	-6.4288e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	5.9605e+01	-3.6568e-01	-8.3827e+00
	1090	0.0000e+00	0.0000e+00	0.0000e+00	6.2992e+01	1.2109e+01	-1.0152e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	6.3194e+01	1.1547e+01	-8.1983e+00
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	4.7302e+01	-2.4907e+00	-7.1784e-01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	5.8568e+01	-6.7409e+00	4.9851e-01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	6.1880e+01	-1.1070e+01	-1.7797e-01
	13	0.0000e+00	0.0000e+00	0.0000e+00	4.6231e+01	-1.3851e+01	-1.3943e+00
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	4.9343e+01	3.9782e+00	1.5048e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	5.6652e+01	2.8152e+00	1.8534e+00
	1087	0.0000e+00	0.0000e+00	0.0000e+00	5.8249e+01	-3.9867e+00	-1.5907e-02
	215	0.0000e+00	0.0000e+00	0.0000e+00	4.8387e+01	-1.0906e+00	-3.6446e-01
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	4.9532e+01	1.0780e+01	1.8797e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	5.5506e+01	1.0727e+01	2.7547e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	5.7019e+01	4.4624e+00	1.9092e+00
	214	0.0000e+00	0.0000e+00	0.0000e+00	4.9631e+01	6.2454e+00	1.0343e+00
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	4.9343e+01	1.7122e+01	1.3337e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	5.4380e+01	1.7960e+01	2.2277e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	5.5783e+01	1.2373e+01	2.3368e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	4.9587e+01	1.2974e+01	1.4428e+00
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	4.9550e+01	2.2410e+01	3.9219e-02
	1083	0.0000e+00	0.0000e+00	0.0000e+00	5.3808e+01	2.3910e+01	4.3968e-01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	5.4645e+01	1.9404e+01	1.3009e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	4.9450e+01	1.9034e+01	9.0047e-01
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	5.0684e+01	2.5894e+01	-1.6868e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	5.4190e+01	2.7723e+01	-2.1453e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	5.4143e+01	2.4832e+01	-8.3187e-01
	211	0.0000e+00	0.0000e+00	0.0000e+00	4.9886e+01	2.3810e+01	-3.7340e-01
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	5.2964e+01	2.6775e+01	-3.4278e+00
	1081	0.0000e+00	0.0000e+00	0.0000e+00	5.5724e+01	2.8480e+01	-4.9172e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	5.4611e+01	2.7832e+01	-3.5380e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	5.1333e+01	2.6543e+01	-2.0486e+00
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	5.6366e+01	2.4289e+01	-4.5927e+00
	1080	0.0000e+00	0.0000e+00	0.0000e+00	5.8256e+01	2.5187e+01	-7.0582e+00
	1081	0.0000e+00	0.0000e+00	0.0000e+00	5.6146e+01	2.7539e+01	-6.1354e+00
	209	0.0000e+00	0.0000e+00	0.0000e+00	5.3934e+01	2.6433e+01	-3.6699e+00
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	5.9440e+01	1.7587e+01	-4.3892e+00

	1079	0.0000e+00	0.0000e+00	0.0000e+00	6.2421e+01	1.6820e+01	-7.5403e+00
	1080	0.0000e+00	0.0000e+00	0.0000e+00	5.8546e+01	2.2917e+01	-7.8824e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	5.7511e+01	2.2892e+01	-4.7312e+00
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	6.5781e+01	1.6827e+00	-2.7674e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	6.5421e+01	4.8989e+00	-7.1104e+00
	1079	0.0000e+00	0.0000e+00	0.0000e+00	6.2749e+01	1.1991e+01	-7.3825e+00
	207	0.0000e+00	0.0000e+00	0.0000e+00	6.0453e+01	1.5798e+01	-3.0395e+00
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	5.4728e+01	-6.9339e+00	6.5574e-01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	5.6365e+01	-2.4660e+00	-2.9153e+00
	20	0.0000e+00	0.0000e+00	0.0000e+00	4.4894e+01	-1.6979e+01	-3.5271e+00
	655	0.0000e+00	0.0000e+00	0.0000e+00	5.9647e+01	-1.1177e+01	4.3906e-02
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	5.8101e+01	-1.2732e+00	1.1508e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	6.1446e+01	-1.8275e+00	-1.4240e+00
	1077	0.0000e+00	0.0000e+00	0.0000e+00	5.8948e+01	-4.8967e+00	-1.6357e+00
	1071	0.0000e+00	0.0000e+00	0.0000e+00	5.5874e+01	-4.9896e+00	9.3910e-01
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	6.0009e+01	-9.7520e-02	5.8548e-01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	6.3648e+01	-4.6483e-01	-5.8570e-01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	6.2459e+01	-1.7185e+00	-8.7991e-01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	5.9049e+01	-1.4444e+00	2.9127e-01
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	6.0332e+01	-1.0395e-01	1.3458e-01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	6.3999e+01	-4.1480e-01	1.0008e-01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	6.3972e+01	-4.2225e-01	-1.9149e-01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	6.0295e+01	-9.7468e-02	-1.5699e-01
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	5.9187e+01	-1.4503e+00	-3.3395e-01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	6.2568e+01	-1.6896e+00	7.6731e-01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	6.3705e+01	-4.5101e-01	4.9132e-01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	6.0071e+01	-8.8653e-02	-6.0994e-01
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	5.6135e+01	-5.0053e+00	-1.0226e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	5.9129e+01	-4.8566e+00	1.4767e+00
	1073	0.0000e+00	0.0000e+00	0.0000e+00	6.1584e+01	-1.7889e+00	1.3025e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	5.8266e+01	-1.2605e+00	-1.1967e+00
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	6.0199e+01	-1.1140e+01	-5.9835e-02
	19	0.0000e+00	0.0000e+00	0.0000e+00	4.5118e+01	-1.7176e+01	3.3695e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	5.6553e+01	-2.3645e+00	2.7208e+00
	1066	0.0000e+00	0.0000e+00	0.0000e+00	5.5057e+01	-6.9868e+00	-7.0854e-01
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	6.2043e+01	-6.1437e+00	2.6356e+00
	1071	0.0000e+00	0.0000e+00	0.0000e+00	5.7199e+01	-7.0893e+00	1.9151e+00
	655	0.0000e+00	0.0000e+00	0.0000e+00	5.6939e+01	-9.1199e+00	5.4603e-01
	644	0.0000e+00	0.0000e+00	0.0000e+00	6.0980e+01	-7.0810e+00	1.2665e+00
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	6.2034e+01	-3.0733e+00	2.1078e+00
	1070	0.0000e+00	0.0000e+00	0.0000e+00	5.8970e+01	-2.4342e+00	1.5947e+00
	1071	0.0000e+00	0.0000e+00	0.0000e+00	5.8487e+01	-4.0695e+00	2.3332e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	6.1575e+01	-5.0402e+00	2.8463e+00
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	6.2367e+01	-1.5440e+00	9.3195e-01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	6.0207e+01	-5.9795e-01	4.4329e-01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	5.9504e+01	-1.3637e+00	1.4631e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	6.2174e+01	-2.6409e+00	1.9518e+00
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	6.2545e+01	-1.4317e+00	-4.3827e-01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	6.0443e+01	-3.2591e-01	-4.9497e-01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	6.0402e+01	-3.3434e-01	5.0933e-01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	6.2483e+01	-1.4179e+00	5.6604e-01
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	6.2419e+01	-2.6643e+00	-1.8320e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	5.9674e+01	-1.3549e+00	-1.4630e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	6.0289e+01	-6.0976e-01	-4.3215e-01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	6.2481e+01	-1.5477e+00	-8.0114e-01
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	6.2019e+01	-5.0415e+00	-2.7189e+00
	1066	0.0000e+00	0.0000e+00	0.0000e+00	5.8827e+01	-4.0579e+00	-2.3485e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	5.9183e+01	-2.4523e+00	-1.6062e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	6.2343e+01	-3.0869e+00	-1.9766e+00
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	6.1649e+01	-6.9765e+00	-1.0895e+00
	548	0.0000e+00	0.0000e+00	0.0000e+00	5.7449e+01	-9.0392e+00	-5.1469e-01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	5.7583e+01	-7.1193e+00	-1.9148e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	6.2570e+01	-6.1297e+00	-2.4897e+00

1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	7.0681e+01	-5.8573e+00	3.4983e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	6.3513e+01	-5.3557e+00	2.4380e+00
	644	0.0000e+00	0.0000e+00	0.0000e+00	6.2777e+01	-6.2364e+00	2.5291e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	6.9471e+01	-5.9334e+00	3.5894e+00
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	7.1217e+01	-4.5754e+00	2.5121e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	6.4180e+01	-3.1574e+00	2.2394e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	6.4132e+01	-4.7571e+00	3.2100e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	7.0764e+01	-5.4550e+00	3.4826e+00
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	7.1371e+01	-3.4378e+00	1.0263e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	6.4661e+01	-1.7843e+00	8.8090e-01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	6.4522e+01	-2.6115e+00	2.3452e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	7.1243e+01	-4.1503e+00	2.4907e+00
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	7.1509e+01	-3.2923e+00	-6.0195e-01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	6.4859e+01	-1.5648e+00	-6.9202e-01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	6.4789e+01	-1.5748e+00	8.8242e-01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	7.1414e+01	-3.2796e+00	9.7250e-01
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	7.1611e+01	-4.1658e+00	-2.1164e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	6.4800e+01	-2.6085e+00	-2.1538e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	6.4793e+01	-1.8076e+00	-6.8964e-01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	7.1549e+01	-3.4422e+00	-6.5228e-01
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	7.1409e+01	-5.4224e+00	-3.0869e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	6.4630e+01	-4.7267e+00	-3.0020e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	6.4521e+01	-3.1780e+00	-2.0417e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	7.1674e+01	-4.5758e+00	-2.1265e+00
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	7.0396e+01	-5.7637e+00	-3.1463e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	6.3498e+01	-6.0873e+00	-2.2713e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	6.4078e+01	-5.3287e+00	-2.2075e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	7.1422e+01	-5.7913e+00	-3.0825e+00
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	8.3424e+01	-7.0497e+00	4.8283e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	7.3939e+01	-5.3450e+00	3.4557e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	7.2713e+01	-5.5323e+00	4.8415e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	8.2132e+01	-6.8485e+00	6.2140e+00
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	8.4202e+01	-6.2573e+00	2.9196e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	7.4747e+01	-4.3815e+00	2.4886e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	7.4415e+01	-5.2444e+00	4.1346e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	8.3743e+01	-6.9569e+00	4.5657e+00
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	8.4417e+01	-5.3122e+00	1.1113e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	7.5057e+01	-3.4055e+00	1.0178e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	7.4961e+01	-4.0541e+00	2.7761e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	8.4341e+01	-5.9805e+00	2.8696e+00
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	8.4624e+01	-5.1871e+00	-5.2231e-01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	7.5245e+01	-3.2437e+00	-6.5284e-01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	7.5140e+01	-3.2609e+00	1.1184e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	8.4490e+01	-5.1788e+00	1.2489e+00
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	8.4859e+01	-5.9808e+00	-2.1391e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	7.5369e+01	-4.0330e+00	-2.3050e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	7.5254e+01	-3.4314e+00	-5.4801e-01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	8.4669e+01	-5.3138e+00	-3.8219e-01
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	8.4639e+01	-6.8854e+00	-3.8169e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	7.5123e+01	-5.1668e+00	-3.6394e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	7.5247e+01	-4.3902e+00	-2.0029e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	8.4841e+01	-6.2392e+00	-2.1805e+00
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	8.3397e+01	-6.6041e+00	-5.4194e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	7.3722e+01	-5.3052e+00	-4.2921e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	7.4741e+01	-5.2723e+00	-2.9331e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	8.4445e+01	-6.9363e+00	-4.0603e+00
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	9.7512e+01	-9.8506e+00	6.2723e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	8.7798e+01	-6.9734e+00	4.8486e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	8.6271e+01	-6.8417e+00	7.5124e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	9.6426e+01	-9.7715e+00	8.9361e+00
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	9.7962e+01	-8.4884e+00	3.1478e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	8.8565e+01	-6.2665e+00	2.8944e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	8.8126e+01	-6.8813e+00	5.2506e+00

	1047	0.0000e+00	0.0000e+00	0.0000e+00	9.7937e+01	-9.7960e+00	5.5040e+00
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	9.7925e+01	-6.9893e+00	1.1096e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	8.8689e+01	-5.2397e+00	1.1993e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	8.8581e+01	-5.8410e+00	3.0641e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	9.8197e+01	-8.1567e+00	2.9744e+00
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	9.8220e+01	-6.8206e+00	-2.1190e-01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	8.8842e+01	-5.0209e+00	-3.8861e-01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	8.8697e+01	-5.0469e+00	1.2492e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	9.8041e+01	-6.8177e+00	1.4260e+00
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	9.8884e+01	-8.1456e+00	-1.7630e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	8.9145e+01	-5.7996e+00	-2.2016e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	8.8964e+01	-5.2672e+00	-3.3357e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	9.8259e+01	-6.9936e+00	1.0506e-01
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	9.9117e+01	-9.6916e+00	-4.2880e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	8.9098e+01	-6.7586e+00	-4.3701e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	8.9257e+01	-6.2621e+00	-2.0152e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	9.8806e+01	-8.4629e+00	-1.9331e+00
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	9.8077e+01	-9.4464e+00	-7.6861e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	8.7643e+01	-6.5315e+00	-6.5798e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	8.8896e+01	-6.8573e+00	-3.9379e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	9.8854e+01	-9.7018e+00	-5.0442e+00
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	1.0786e+02	-1.4697e+01	7.1762e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.0189e+02	-1.0589e+01	6.1629e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	1.0034e+02	-1.0420e+01	1.0313e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	1.0754e+02	-1.5359e+01	1.1326e+01
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	1.0712e+02	-1.1191e+01	2.5169e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.0195e+02	-9.0546e+00	3.1010e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.0183e+02	-1.0052e+01	6.0185e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	1.0831e+02	-1.4276e+01	5.4345e+00
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	1.0630e+02	-7.9348e+00	7.1026e-01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.0140e+02	-7.0973e+00	1.3896e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.0154e+02	-8.0760e+00	2.8289e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	1.0741e+02	-1.0376e+01	2.1496e+00
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	1.0667e+02	-7.5509e+00	5.0814e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.0143e+02	-6.6451e+00	2.8595e-01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.0125e+02	-6.6754e+00	1.1047e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	1.0645e+02	-7.5546e+00	1.3269e+00
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	1.0825e+02	-1.0364e+01	-3.2602e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.0227e+02	-8.0265e+00	-1.4446e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.0176e+02	-7.1299e+00	4.9598e-03
	1038	0.0000e+00	0.0000e+00	0.0000e+00	1.0671e+02	-7.9527e+00	1.1235e+00
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	1.0976e+02	-1.4159e+01	-3.6290e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.0309e+02	-9.9014e+00	-4.6337e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.0285e+02	-9.0489e+00	-1.7028e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	1.0816e+02	-1.1180e+01	-6.9814e-01
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	1.0955e+02	-1.4965e+01	-9.5184e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.0211e+02	-1.0033e+01	-8.8925e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.0331e+02	-1.0443e+01	-4.7499e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	1.0950e+02	-1.4541e+01	-5.3758e+00
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	1.0647e+02	-2.2489e+01	6.4273e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	1.1060e+02	-1.6935e+01	6.6127e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	1.0950e+02	-1.7247e+01	1.2794e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	1.0790e+02	-2.5168e+01	1.2609e+01
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	1.0352e+02	-1.3891e+01	1.7166e-02
	1040	0.0000e+00	0.0000e+00	0.0000e+00	1.0880e+02	-1.2681e+01	2.3870e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	1.0964e+02	-1.5202e+01	5.4526e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	1.0702e+02	-2.0675e+01	3.0827e+00
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	1.0159e+02	-7.0874e+00	-4.0204e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	1.0679e+02	-8.3248e+00	1.3023e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	1.0758e+02	-1.0505e+01	1.2694e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	1.0392e+02	-1.1671e+01	-4.3497e-01
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	1.0202e+02	-6.1191e+00	1.8772e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	1.0658e+02	-7.4262e+00	1.6259e+00

	1039	0.0000e+00	0.0000e+00	0.0000e+00	1.0636e+02	-7.4509e+00	4.2302e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	1.0179e+02	-6.1357e+00	6.7427e-01
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	1.0484e+02	-1.1663e+01	2.9737e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	1.0846e+02	-1.0470e+01	7.6683e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	1.0722e+02	-8.3651e+00	7.4655e-01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	1.0203e+02	-7.1282e+00	2.9534e+00
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	1.0862e+02	-2.0583e+01	-5.8359e-01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	1.1115e+02	-1.5058e+01	-3.4431e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	1.0988e+02	-1.2694e+01	-3.4728e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	1.0465e+02	-1.3918e+01	2.5122e+00
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	1.1012e+02	-2.4756e+01	-1.0168e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	1.1161e+02	-1.6815e+01	-1.0791e+01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	1.1230e+02	-1.6792e+01	-4.5861e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	1.0828e+02	-2.2379e+01	-3.9628e+00
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	8.0974e+01	-3.4449e+01	2.4175e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	1.0538e+02	-2.7289e+01	5.0097e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	1.0551e+02	-2.9392e+01	1.4173e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	8.5601e+01	-4.2209e+01	1.1581e+01
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	7.6010e+01	-1.4697e+01	-4.7903e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	9.9907e+01	-1.6363e+01	1.0382e-01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	1.0252e+02	-2.2811e+01	1.9899e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	8.2379e+01	-2.8588e+01	-2.9042e+00
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	7.4529e+01	-3.0245e+00	-1.6374e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	9.5948e+01	-7.5183e+00	6.6010e-01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	9.7836e+01	-1.2356e+01	-2.3403e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	7.6856e+01	-1.0309e+01	-4.6378e+00
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	7.5092e+01	-1.3335e+00	3.8070e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	9.5613e+01	-6.1066e+00	3.5705e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	9.5380e+01	-6.1137e+00	-7.9138e-01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	7.4890e+01	-1.3780e+00	-5.5484e-01
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	7.7663e+01	-1.0278e+01	7.9027e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	9.8747e+01	-1.2358e+01	5.1196e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	9.6387e+01	-7.5565e+00	2.1128e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	7.4916e+01	-3.0809e+00	4.8959e+00
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	8.3854e+01	-2.8553e+01	6.1498e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	1.0412e+02	-2.2732e+01	7.4332e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	1.0104e+02	-1.6409e+01	2.6578e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	7.7004e+01	-1.4762e+01	8.0643e+00
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	8.7667e+01	-4.1881e+01	-8.4894e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	1.0777e+02	-2.8995e+01	-1.1531e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	1.0721e+02	-2.7216e+01	-2.2866e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	8.2638e+01	-3.4483e+01	7.5474e-01
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	8.9402e+00	-5.5591e+01	-5.7476e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	7.3100e+01	-4.3227e+01	-6.5216e-01
	578	0.0000e+00	0.0000e+00	0.0000e+00	7.4433e+01	-5.1366e+01	1.3407e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	1.6956e+01	-6.9650e+01	8.3113e+00
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	1.3807e+01	-1.8445e+01	-6.0108e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	6.3274e+01	-1.6184e+01	-3.7223e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	6.4708e+01	-3.3020e+01	-7.4494e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	1.6572e+01	-2.2634e+01	-9.7379e+00
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.8318e+01	6.4524e-01	-6.1767e-03
	1027	0.0000e+00	0.0000e+00	0.0000e+00	6.0241e+01	-3.0047e+00	-3.4786e-01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	6.1225e+01	-1.2247e+01	-7.0164e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	1.6707e+01	-1.3592e+00	-6.6747e+00
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.9480e+01	5.8894e+00	5.3737e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	6.0119e+01	-1.7965e+00	5.2237e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	5.9937e+01	-1.7817e+00	-1.7826e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.9387e+01	5.8062e+00	-1.6326e+00
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	1.7093e+01	-1.2292e+00	1.0473e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	6.1942e+01	-1.2278e+01	1.0504e+01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	6.0573e+01	-3.0026e+00	3.7819e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.8518e+01	6.0138e-01	3.7514e+00
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	1.7350e+01	-2.2513e+01	1.3621e+01



	1024	0.0000e+00	0.0000e+00	0.0000e+00	6.6000e+01	-3.3067e+01	1.0962e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	6.4173e+01	-1.6210e+01	7.1779e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	1.4298e+01	-1.8515e+01	9.8370e+00
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	1.8091e+01	-6.9763e+01	-4.6800e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	7.6426e+01	-5.1177e+01	-1.0170e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	7.4692e+01	-4.3339e+01	4.0915e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	9.7525e+00	-5.5842e+01	9.5813e+00
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	-1.0745e+02	5.8443e+01	2.3609e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-4.2980e+01	-5.7947e+01	1.5340e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	3.6742e+01	-8.7950e+01	2.4231e+00
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.0234e+02	-1.7618e+02	1.0692e+01
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	-7.9745e+01	4.3948e+01	1.3382e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-2.5183e+01	-1.2618e+01	4.0859e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-1.9259e+01	-3.7699e+01	3.3484e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-1.0273e+02	-9.2657e+01	1.2645e+01
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	-6.6842e+01	2.9049e+01	7.2080e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-1.2665e+01	1.1451e+00	2.8506e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-9.8377e+00	-8.9674e+00	3.1157e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-7.7665e+01	-3.7449e+01	7.4731e+00
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	-6.6218e+01	2.4390e+00	1.7851e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-7.7175e+00	2.6049e+00	1.7953e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-7.7576e+00	2.6347e+00	2.0259e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-6.6159e+01	2.2978e+00	2.0158e+00
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	-7.7926e+01	-3.7318e+01	-3.6577e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-9.6734e+00	-8.9763e+00	7.3717e-01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-1.2585e+01	1.2238e+00	9.7542e-01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-6.6950e+01	2.9046e+01	-3.4194e+00
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	-1.0332e+02	-9.2740e+01	-8.8087e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-1.9027e+01	-3.7818e+01	5.8785e-01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-2.5032e+01	-1.2499e+01	-2.1564e-01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-8.0072e+01	4.4174e+01	-9.6122e+00
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	-2.0484e+02	-1.7670e+02	-6.8016e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	3.8335e+01	-8.8343e+01	1.6519e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-4.2790e+01	-5.8191e+01	-1.1569e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-1.0820e+02	5.8983e+01	-2.0022e+01
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	5.5095e+01	-6.8387e+00	7.4886e-01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	5.6654e+01	-2.3361e+00	-2.6903e+00
	15	0.0000e+00	0.0000e+00	0.0000e+00	4.5307e+01	-1.6785e+01	-3.2594e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	6.0132e+01	-1.1042e+01	1.7970e-01
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	5.8327e+01	-1.2190e+00	1.2215e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	6.1637e+01	-1.7467e+00	-1.2739e+00
	1011	0.0000e+00	0.0000e+00	0.0000e+00	5.9192e+01	-4.7693e+00	-1.4500e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	5.6193e+01	-4.9130e+00	1.0454e+00
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	6.0137e+01	-7.6673e-02	6.3706e-01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	6.3753e+01	-4.3228e-01	-4.6806e-01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	6.2618e+01	-1.6498e+00	-7.4190e-01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	5.9244e+01	-1.4085e+00	3.6323e-01
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	6.0374e+01	-1.1478e-01	1.7918e-01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	6.4022e+01	-4.2627e-01	2.0587e-01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	6.4047e+01	-4.0363e-01	-7.8848e-02
	1003	0.0000e+00	0.0000e+00	0.0000e+00	6.0398e+01	-9.4435e-02	-1.0553e-01
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	5.9146e+01	-1.4970e+00	-2.8112e-01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	6.2511e+01	-1.7490e+00	8.7998e-01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	6.3699e+01	-4.8074e-01	5.9831e-01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	6.0089e+01	-1.1865e-01	-5.6280e-01
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	5.6030e+01	-5.0882e+00	-9.4222e-01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	5.8981e+01	-4.9714e+00	1.6141e+00
	1007	0.0000e+00	0.0000e+00	0.0000e+00	6.1498e+01	-1.8747e+00	1.4221e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	5.8204e+01	-1.3392e+00	-1.1343e+00
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	5.9823e+01	-1.1207e+01	9.2488e-02
	14	0.0000e+00	0.0000e+00	0.0000e+00	4.5140e+01	-1.7294e+01	3.5591e+00
	1006	0.0000e+00	0.0000e+00	0.0000e+00	5.6386e+01	-2.5738e+00	2.8344e+00
	1000	0.0000e+00	0.0000e+00	0.0000e+00	5.4937e+01	-7.0812e+00	-6.3222e-01

1599	999	0.0000e+00	0.0000e+00	0.0000e+00	6.2575e+01	-6.0498e+00	2.5435e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	5.7601e+01	-6.9982e+00	1.9675e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	5.7476e+01	-8.9735e+00	5.8441e-01
	410	0.0000e+00	0.0000e+00	0.0000e+00	6.1644e+01	-6.9068e+00	1.1604e+00
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	6.2383e+01	-3.0338e+00	2.0304e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	5.9232e+01	-2.3941e+00	1.6317e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	5.8843e+01	-3.9831e+00	2.3777e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	6.2041e+01	-4.9697e+00	2.7764e+00
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	6.2562e+01	-1.5325e+00	8.5618e-01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	6.0357e+01	-5.8970e-01	4.6384e-01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	5.9727e+01	-1.3198e+00	1.4934e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	6.2471e+01	-2.6213e+00	1.8857e+00
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	6.2600e+01	-1.4399e+00	-5.1370e-01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	6.0492e+01	-3.4614e-01	-4.8106e-01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	6.0517e+01	-3.2220e-01	5.2681e-01
	997	0.0000e+00	0.0000e+00	0.0000e+00	6.2634e+01	-1.4256e+00	4.9416e-01
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	6.2328e+01	-2.6964e+00	-1.9040e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	5.9623e+01	-1.4105e+00	-1.4426e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	6.0304e+01	-6.2626e-01	-4.1703e-01
	996	0.0000e+00	0.0000e+00	0.0000e+00	6.2493e+01	-1.5761e+00	-8.7843e-01
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	6.1757e+01	-5.1109e+00	-2.7890e+00
	1000	0.0000e+00	0.0000e+00	0.0000e+00	5.8653e+01	-4.1609e+00	-2.3058e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	5.9094e+01	-2.5011e+00	-1.5761e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	6.2202e+01	-3.1419e+00	-2.0592e+00
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	6.1166e+01	-7.1272e+00	-1.2156e+00
	314	0.0000e+00	0.0000e+00	0.0000e+00	5.7092e+01	-9.1481e+00	-4.8473e-01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	5.7372e+01	-7.1804e+00	-1.8561e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	6.2228e+01	-6.2118e+00	-2.5870e+00
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	7.1438e+01	-5.7145e+00	3.1685e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	6.4090e+01	-5.2520e+00	2.2802e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	6.3505e+01	-6.0217e+00	2.3384e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	7.0393e+01	-5.6862e+00	3.2267e+00
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	7.1726e+01	-4.5203e+00	2.2225e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	6.4567e+01	-3.1237e+00	2.1078e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	6.4649e+01	-4.6565e+00	3.0666e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	7.1433e+01	-5.3499e+00	3.1812e+00
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	7.1649e+01	-3.4252e+00	7.5344e-01
	997	0.0000e+00	0.0000e+00	0.0000e+00	6.4878e+01	-1.7874e+00	7.5536e-01
	998	0.0000e+00	0.0000e+00	0.0000e+00	6.4856e+01	-2.5680e+00	2.2190e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	7.1676e+01	-4.1210e+00	2.2171e+00
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	7.1563e+01	-3.3056e+00	-8.7301e-01
	996	0.0000e+00	0.0000e+00	0.0000e+00	6.4915e+01	-1.5926e+00	-8.1901e-01
	997	0.0000e+00	0.0000e+00	0.0000e+00	6.4956e+01	-1.5619e+00	7.5851e-01
	991	0.0000e+00	0.0000e+00	0.0000e+00	7.1621e+01	-3.2879e+00	7.0452e-01
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	7.1435e+01	-4.2135e+00	-2.3999e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	6.4687e+01	-2.6653e+00	-2.2871e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	6.4798e+01	-1.8180e+00	-8.1627e-01
	990	0.0000e+00	0.0000e+00	0.0000e+00	7.1532e+01	-3.4762e+00	-9.2911e-01
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	7.0984e+01	-5.5388e+00	-3.4092e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	6.4323e+01	-4.8281e+00	-3.1560e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	6.4354e+01	-3.2207e+00	-2.1756e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	7.1417e+01	-4.6472e+00	-2.4289e+00
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	6.9698e+01	-6.0149e+00	-3.5505e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	6.2964e+01	-6.2861e+00	-2.4883e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	6.3710e+01	-5.4236e+00	-2.3754e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	7.0901e+01	-5.9410e+00	-3.4376e+00
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	8.4465e+01	-6.8364e+00	4.1831e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	7.4754e+01	-5.1888e+00	3.0341e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	7.3721e+01	-5.2236e+00	4.3733e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	8.3390e+01	-6.4955e+00	5.5223e+00
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	8.4906e+01	-6.1704e+00	2.3288e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	7.5300e+01	-4.3294e+00	2.1155e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	7.5148e+01	-5.0924e+00	3.7398e+00

	987	0.0000e+00	0.0000e+00	0.0000e+00	8.4667e+01	-6.7926e+00	3.9531e+00
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	8.4792e+01	-5.2936e+00	5.4356e-01
	991	0.0000e+00	0.0000e+00	0.0000e+00	7.5359e+01	-3.4097e+00	6.6499e-01
	992	0.0000e+00	0.0000e+00	0.0000e+00	7.5437e+01	-3.9884e+00	2.4176e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	8.4937e+01	-5.9253e+00	2.2962e+00
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	8.4673e+01	-5.2150e+00	-1.0905e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	7.5298e+01	-3.2844e+00	-1.0058e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	7.5366e+01	-3.2416e+00	7.7058e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	8.4760e+01	-5.1835e+00	6.8590e-01
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	8.4577e+01	-6.0689e+00	-2.7322e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	7.5166e+01	-4.1182e+00	-2.6782e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	7.5231e+01	-3.4478e+00	-9.0412e-01
	984	0.0000e+00	0.0000e+00	0.0000e+00	8.4612e+01	-5.3646e+00	-9.5814e-01
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	8.4014e+01	-7.0823e+00	-4.4692e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	7.4651e+01	-5.3327e+00	-4.0629e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	7.4965e+01	-4.4594e+00	-2.3895e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	8.4446e+01	-6.3578e+00	-2.7958e+00
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	8.2418e+01	-6.9884e+00	-6.1764e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	7.2954e+01	-5.6236e+00	-4.8097e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	7.4183e+01	-5.4387e+00	-3.3846e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	8.3697e+01	-7.1806e+00	-4.7514e+00
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	9.8872e+01	-9.5562e+00	5.2129e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	8.8907e+01	-6.7448e+00	4.0781e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	8.7634e+01	-6.4119e+00	6.6858e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	9.8063e+01	-9.2853e+00	7.8206e+00
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	9.8880e+01	-8.3653e+00	2.1454e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	8.9319e+01	-6.1832e+00	2.1836e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	8.9123e+01	-6.6589e+00	4.5147e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	9.9145e+01	-9.5586e+00	4.4765e+00
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	9.8401e+01	-6.9658e+00	1.3028e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	8.9088e+01	-5.2409e+00	5.1469e-01
	986	0.0000e+00	0.0000e+00	0.0000e+00	8.9225e+01	-5.7417e+00	2.3729e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	9.8970e+01	-8.0677e+00	1.9885e+00
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	9.8256e+01	-6.8714e+00	-1.1945e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	8.8888e+01	-5.0820e+00	-1.0746e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	8.8988e+01	-5.0201e+00	5.7049e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	9.8376e+01	-6.8170e+00	4.5059e-01
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	9.8478e+01	-8.2902e+00	-2.7773e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	8.8832e+01	-5.9345e+00	-2.9174e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	8.8901e+01	-5.3007e+00	-1.0263e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	9.8152e+01	-7.0676e+00	-8.8621e-01
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	9.8264e+01	-9.9922e+00	-5.3723e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	8.8420e+01	-7.0181e+00	-5.1535e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	8.8834e+01	-6.3814e+00	-2.7521e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	9.8252e+01	-8.6421e+00	-2.9710e+00
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	9.6776e+01	-9.9991e+00	-8.8935e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	8.6579e+01	-6.9997e+00	-7.4819e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	8.8102e+01	-7.1221e+00	-4.7587e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	9.7843e+01	-1.0059e+01	-6.1703e+00
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	1.0951e+02	-1.4325e+01	5.5977e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	1.0331e+02	-1.0279e+01	4.9389e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	1.0209e+02	-9.8525e+00	9.0301e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	1.0953e+02	-1.4725e+01	9.6889e+00
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	1.0823e+02	-1.1036e+01	9.8519e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	1.0292e+02	-8.9367e+00	1.9385e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	1.0311e+02	-9.7551e+00	4.8319e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	1.0978e+02	-1.3963e+01	3.8786e+00
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	1.0686e+02	-7.9103e+00	-8.0150e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	1.0190e+02	-7.0948e+00	2.5363e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	1.0236e+02	-7.9425e+00	1.6862e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	1.0834e+02	-1.0250e+01	6.3103e-01
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	1.0668e+02	-7.6317e+00	-1.0081e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	1.0147e+02	-6.7306e+00	-8.5344e-01

	979	0.0000e+00	0.0000e+00	0.0000e+00	1.0160e+02	-6.6444e+00	-2.6690e-02
	973	0.0000e+00	0.0000e+00	0.0000e+00	1.0683e+02	-7.5456e+00	-1.8135e-01
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	1.0772e+02	-1.0575e+01	-1.8772e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	1.0183e+02	-8.2208e+00	-2.6191e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	1.0165e+02	-7.1886e+00	-1.1436e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	1.0655e+02	-8.0506e+00	-4.0170e-01
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	1.0868e+02	-1.4578e+01	-5.2543e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	1.0219e+02	-1.0269e+01	-5.8845e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	1.0227e+02	-9.2316e+00	-2.9025e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	1.0744e+02	-1.1424e+01	-2.2723e+00
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	1.0794e+02	-1.5714e+01	-1.1275e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	1.0072e+02	-1.0677e+01	-1.0279e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	1.0225e+02	-1.0826e+01	-6.0441e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	1.0823e+02	-1.5021e+01	-7.0396e+00
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	1.0829e+02	-2.2062e+01	4.2399e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	1.1230e+02	-1.6551e+01	4.8300e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	1.1158e+02	-1.6545e+01	1.0963e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	1.1009e+02	-2.4405e+01	1.0373e+01
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	1.0472e+02	-1.3708e+01	-2.1458e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	1.0994e+02	-1.2531e+01	6.5887e-01
	975	0.0000e+00	0.0000e+00	0.0000e+00	1.1116e+02	-1.4840e+01	3.7023e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	1.0864e+02	-2.0298e+01	8.9764e-01
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	1.0217e+02	-7.0620e+00	-2.5407e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	1.0736e+02	-8.3162e+00	-4.0008e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	1.0854e+02	-1.0344e+01	-4.4523e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	1.0492e+02	-1.1500e+01	-2.5859e+00
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	1.0201e+02	-6.2369e+00	-2.6213e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	1.0659e+02	-7.5345e+00	-8.1802e-02
	973	0.0000e+00	0.0000e+00	0.0000e+00	1.0675e+02	-7.4214e+00	-1.2787e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	1.0217e+02	-6.1099e+00	-1.4590e+00
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	1.0422e+02	-1.1951e+01	7.9394e-01
	971	0.0000e+00	0.0000e+00	0.0000e+00	1.0790e+02	-1.0724e+01	-9.8055e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	1.0705e+02	-8.4564e+00	-9.7125e-01
	966	0.0000e+00	0.0000e+00	0.0000e+00	1.0181e+02	-7.2498e+00	8.0324e-01
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	1.0739e+02	-2.1121e+01	-2.8407e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	1.1003e+02	-1.5537e+01	-5.2683e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	1.0914e+02	-1.2947e+01	-2.1191e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	1.0382e+02	-1.4228e+01	3.0859e-01
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	1.0830e+02	-2.5707e+01	-1.2546e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	1.0992e+02	-1.7649e+01	-1.2755e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	1.1101e+02	-1.7302e+01	-6.4553e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	1.0683e+02	-2.2976e+01	-6.2463e+00
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	8.2665e+01	-3.4033e+01	-4.2844e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	1.0720e+02	-2.6865e+01	2.5845e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	1.0773e+02	-2.8600e+01	1.1732e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	8.7662e+01	-4.1375e+01	8.7192e+00
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	7.7074e+01	-1.4478e+01	-7.6294e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	1.0109e+02	-1.6179e+01	-2.2728e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	1.0412e+02	-2.2414e+01	-4.2142e-01
	963	0.0000e+00	0.0000e+00	0.0000e+00	8.3876e+01	-2.8152e+01	-5.7781e+00
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	7.5023e+01	-2.9908e+00	-4.4138e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	9.6509e+01	-7.4891e+00	-1.6827e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	9.8816e+01	-1.2174e+01	-4.7184e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	7.7727e+01	-1.0054e+01	-7.4495e+00
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	7.5034e+01	-1.5047e+00	1.0386e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	9.5579e+01	-6.2310e+00	1.2215e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	9.5756e+01	-6.0908e+00	-3.1387e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	7.5193e+01	-1.3119e+00	-3.3216e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	7.7042e+01	-1.0678e+01	5.0734e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	9.8116e+01	-1.2670e+01	2.7170e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	9.6170e+01	-7.6933e+00	-2.4543e-01
	960	0.0000e+00	0.0000e+00	0.0000e+00	7.4665e+01	-3.2267e+00	2.1110e+00
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	8.2624e+01	-2.9219e+01	3.2184e+00

	964	0.0000e+00	0.0000e+00	0.0000e+00	1.0288e+02	-2.3309e+01	-1.7406e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	1.0022e+02	-1.6741e+01	2.3849e-01
	959	0.0000e+00	0.0000e+00	0.0000e+00	7.6185e+01	-1.5145e+01	5.1975e+00
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	8.5879e+01	-4.3014e+01	-1.1505e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	1.0591e+02	-3.0004e+01	-1.4128e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	1.0577e+02	-2.7841e+01	-4.8053e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	8.1205e+01	-3.5154e+01	-2.1820e+00
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	9.8773e+00	-5.5185e+01	-9.2212e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	7.4688e+01	-4.2842e+01	-3.7434e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	7.6421e+01	-5.0605e+01	1.0389e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	1.8196e+01	-6.9069e+01	4.9107e+00
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	1.4394e+01	-1.8096e+01	-9.3815e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	6.4217e+01	-1.5913e+01	-6.7352e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	6.6034e+01	-3.2620e+01	-1.0575e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	1.7432e+01	-2.2065e+01	-1.3222e+01
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	1.8568e+01	7.7796e-01	-3.2640e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	6.0647e+01	-2.9210e+00	-3.2941e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	6.2007e+01	-1.2025e+01	-1.0040e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	1.7153e+01	-1.0190e+00	-1.0010e+01
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	1.9381e+01	5.7302e+00	2.1191e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	6.0033e+01	-1.9360e+00	2.2748e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	6.0210e+01	-1.7603e+00	-4.7337e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	1.9490e+01	5.8520e+00	-4.8894e+00
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	1.6640e+01	-1.7150e+00	7.1254e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	6.1349e+01	-1.2664e+01	7.4700e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	6.0354e+01	-3.2099e+00	8.2208e-01
	950	0.0000e+00	0.0000e+00	0.0000e+00	1.8267e+01	3.3390e-01	4.7745e-01
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	1.6481e+01	-2.3321e+01	1.0102e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	6.4871e+01	-3.3724e+01	7.7944e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	6.3426e+01	-1.6663e+01	4.1314e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	1.3691e+01	-1.9080e+01	6.4395e+00
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	1.6845e+01	-7.0800e+01	-8.2289e+00
	244	0.0000e+00	0.0000e+00	0.0000e+00	7.4667e+01	-5.2286e+01	-1.3355e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	7.3335e+01	-4.4028e+01	9.2057e-01
	946	0.0000e+00	0.0000e+00	0.0000e+00	8.7714e+00	-5.6634e+01	6.0464e+00
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.0791e+02	5.9019e+01	2.0259e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-4.2568e+01	-5.7518e+01	1.1803e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	3.8246e+01	-8.7546e+01	-1.4564e+00
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.0424e+02	-1.7518e+02	6.9996e+00
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	-7.9965e+01	4.3961e+01	9.9116e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.4862e+01	-1.2130e+01	5.4811e-01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.8968e+01	-3.7271e+01	-2.8720e-01
	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.0304e+02	-9.1540e+01	9.0763e+00
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	-6.7029e+01	2.8543e+01	3.7370e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-1.2497e+01	1.3354e+00	-6.1572e-01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-9.6844e+00	-8.6903e+00	-3.8804e-01
	955	0.0000e+00	0.0000e+00	0.0000e+00	-7.7828e+01	-3.6395e+01	3.9647e+00
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-6.6438e+01	1.4502e+00	-1.7167e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	-7.7596e+00	2.4718e+00	-1.6791e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-7.8210e+00	2.6289e+00	-1.4360e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	-6.6308e+01	3.1205e+00	-1.4736e+00
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-7.8166e+01	-3.8722e+01	-7.2322e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	-9.9380e+00	-9.4406e+00	-2.8224e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	-1.2880e+01	8.8658e-01	-2.5197e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	-6.7133e+01	2.9508e+01	-6.9296e+00
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-1.0349e+02	-9.4459e+01	-1.2504e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.9473e+01	-3.8558e+01	-3.1457e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	-2.5531e+01	-1.3193e+01	-3.8235e+00
	949	0.0000e+00	0.0000e+00	0.0000e+00	-8.0258e+01	4.4185e+01	-1.3182e+01
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.0388e+02	-1.7867e+02	-1.0660e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	3.6927e+01	-8.9294e+01	-2.3525e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	-4.3466e+01	-5.9025e+01	-1.5262e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-1.0824e+02	5.8498e+01	-2.3570e+01

1662	938	0.0000e+00	0.0000e+00	0.0000e+00	5.1011e+01	-6.7975e+00	1.2606e+00
	945	0.0000e+00	0.0000e+00	0.0000e+00	5.2598e+01	-2.3768e+00	-1.3133e+00
	18	0.0000e+00	0.0000e+00	0.0000e+00	4.2069e+01	-1.7941e+01	-2.0196e+00
	538	0.0000e+00	0.0000e+00	0.0000e+00	5.6374e+01	-1.2113e+01	5.5425e-01
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	5.3732e+01	-6.0086e-02	1.6818e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	5.6498e+01	-3.2748e-01	9.9225e-04
	945	0.0000e+00	0.0000e+00	0.0000e+00	5.4849e+01	-4.5172e+00	-1.6631e-01
	938	0.0000e+00	0.0000e+00	0.0000e+00	5.2008e+01	-4.4512e+00	1.5145e+00
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	5.5071e+01	2.5866e+00	8.7987e-01
	943	0.0000e+00	0.0000e+00	0.0000e+00	5.8029e+01	2.6898e+00	2.5773e-01
	944	0.0000e+00	0.0000e+00	0.0000e+00	5.7404e+01	2.7899e-01	2.8387e-01
	937	0.0000e+00	0.0000e+00	0.0000e+00	5.4447e+01	3.3006e-01	9.0601e-01
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	5.5600e+01	3.9628e+00	1.2644e-01
	942	0.0000e+00	0.0000e+00	0.0000e+00	5.8528e+01	4.2246e+00	-5.1598e-02
	943	0.0000e+00	0.0000e+00	0.0000e+00	5.8420e+01	3.1265e+00	1.3978e-01
	936	0.0000e+00	0.0000e+00	0.0000e+00	5.5351e+01	3.0068e+00	3.1782e-01
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	5.5702e+01	3.8439e+00	-6.1146e-01
	941	0.0000e+00	0.0000e+00	0.0000e+00	5.8556e+01	4.1064e+00	-6.0232e-01
	942	0.0000e+00	0.0000e+00	0.0000e+00	5.8604e+01	4.3355e+00	-3.5826e-01
	935	0.0000e+00	0.0000e+00	0.0000e+00	5.5673e+01	4.1117e+00	-3.6740e-01
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	5.5346e+01	2.0357e+00	-1.3111e+00
	940	0.0000e+00	0.0000e+00	0.0000e+00	5.7906e+01	2.2089e+00	-9.7633e-01
	941	0.0000e+00	0.0000e+00	0.0000e+00	5.8335e+01	3.8572e+00	-8.0333e-01
	934	0.0000e+00	0.0000e+00	0.0000e+00	5.5589e+01	3.6855e+00	-1.1381e+00
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	5.3749e+01	-2.1242e+00	-2.0538e+00
	939	0.0000e+00	0.0000e+00	0.0000e+00	5.5994e+01	-1.9323e+00	-8.8770e-01
	940	0.0000e+00	0.0000e+00	0.0000e+00	5.7220e+01	1.6895e+00	-8.4375e-01
	933	0.0000e+00	0.0000e+00	0.0000e+00	5.4864e+01	1.7938e+00	-2.0099e+00
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	5.9000e+01	-9.2289e+00	-9.7883e-01
	17	0.0000e+00	0.0000e+00	0.0000e+00	4.4839e+01	-1.5260e+01	6.8491e-01
	939	0.0000e+00	0.0000e+00	0.0000e+00	5.4031e+01	9.4240e-02	-3.3752e-02
	932	0.0000e+00	0.0000e+00	0.0000e+00	5.3146e+01	-4.5044e+00	-1.6975e+00
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	5.8463e+01	-6.2201e+00	2.1300e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	5.3398e+01	-6.9502e+00	2.2842e+00
	538	0.0000e+00	0.0000e+00	0.0000e+00	5.3971e+01	-9.9553e+00	8.3193e-01
	527	0.0000e+00	0.0000e+00	0.0000e+00	5.8199e+01	-7.7908e+00	6.7779e-01
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	5.7537e+01	-1.5456e+00	1.8058e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	5.4457e+01	-1.0264e+00	1.9389e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	5.4569e+01	-3.6790e+00	2.6518e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	5.7693e+01	-4.5808e+00	2.5187e+00
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	5.7406e+01	1.4643e+00	9.7207e-01
	936	0.0000e+00	0.0000e+00	0.0000e+00	5.5224e+01	2.1568e+00	8.8885e-01
	937	0.0000e+00	0.0000e+00	0.0000e+00	5.4854e+01	3.4221e-01	1.7572e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	5.7609e+01	-6.9608e-01	1.8404e+00
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	5.7626e+01	2.9581e+00	1.4545e-01
	935	0.0000e+00	0.0000e+00	0.0000e+00	5.5625e+01	3.6836e+00	2.5351e-02
	936	0.0000e+00	0.0000e+00	0.0000e+00	5.5441e+01	2.7921e+00	8.0418e-01
	929	0.0000e+00	0.0000e+00	0.0000e+00	5.7570e+01	1.9652e+00	9.2427e-01
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	5.8073e+01	2.8246e+00	-6.5347e-01
	934	0.0000e+00	0.0000e+00	0.0000e+00	5.5836e+01	3.6783e+00	-8.7291e-01
	935	0.0000e+00	0.0000e+00	0.0000e+00	5.5724e+01	3.7790e+00	-9.4767e-02
	928	0.0000e+00	0.0000e+00	0.0000e+00	5.7745e+01	3.0818e+00	1.2467e-01
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	5.8827e+01	1.0353e+00	-1.5068e+00
	933	0.0000e+00	0.0000e+00	0.0000e+00	5.5863e+01	2.0872e+00	-1.8546e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	5.5833e+01	3.2073e+00	-9.9228e-01
	927	0.0000e+00	0.0000e+00	0.0000e+00	5.8160e+01	2.5404e+00	-6.4443e-01
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	5.9794e+01	-2.2062e+00	-2.0595e+00
	932	0.0000e+00	0.0000e+00	0.0000e+00	5.6408e+01	-1.3350e+00	-2.7772e+00
	933	0.0000e+00	0.0000e+00	0.0000e+00	5.5719e+01	8.1090e-01	-2.0905e+00
	926	0.0000e+00	0.0000e+00	0.0000e+00	5.9042e+01	3.1344e-01	-1.3728e+00
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	6.1332e+01	-5.1598e+00	-2.0675e-01
	861	0.0000e+00	0.0000e+00	0.0000e+00	5.6746e+01	-7.1206e+00	-1.0390e+00
	932	0.0000e+00	0.0000e+00	0.0000e+00	5.5566e+01	-4.5773e+00	-2.4147e+00

	925	0.0000e+00	0.0000e+00	0.0000e+00	6.0842e+01	-3.7960e+00	-1.5825e+00
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	6.7316e+01	-5.6263e+00	1.8224e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	5.9930e+01	-5.3679e+00	1.6727e+00
	527	0.0000e+00	0.0000e+00	0.0000e+00	5.9990e+01	-6.8338e+00	1.6424e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	6.6956e+01	-6.5148e+00	1.7920e+00
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	6.6611e+01	-2.5527e+00	1.2293e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	5.9608e+01	-1.5854e+00	1.8268e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	6.0311e+01	-4.1332e+00	2.5885e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	6.7106e+01	-4.6839e+00	1.9910e+00
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	6.5921e+01	4.8827e-01	5.7591e-01
	929	0.0000e+00	0.0000e+00	0.0000e+00	5.9433e+01	1.3745e+00	1.0098e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	5.9718e+01	-4.4774e-01	2.0014e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	6.6506e+01	-1.5380e+00	1.5676e+00
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	6.5852e+01	2.1875e+00	1.6993e-01
	928	0.0000e+00	0.0000e+00	0.0000e+00	5.9523e+01	2.9990e+00	2.0819e-01
	929	0.0000e+00	0.0000e+00	0.0000e+00	5.9483e+01	2.0967e+00	1.0993e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	6.5970e+01	1.1321e+00	1.0610e+00
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	6.6544e+01	2.0999e+00	-9.8038e-02
	927	0.0000e+00	0.0000e+00	0.0000e+00	6.0017e+01	3.0050e+00	-5.5997e-01
	928	0.0000e+00	0.0000e+00	0.0000e+00	5.9634e+01	3.1014e+00	2.8972e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	6.6000e+01	2.3130e+00	7.5165e-01
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	6.7889e+01	3.8853e-01	-4.1045e-01
	926	0.0000e+00	0.0000e+00	0.0000e+00	6.0984e+01	1.3519e+00	-1.3437e+00
	927	0.0000e+00	0.0000e+00	0.0000e+00	6.0202e+01	2.4615e+00	-4.6716e-01
	920	0.0000e+00	0.0000e+00	0.0000e+00	6.6798e+01	1.6777e+00	4.6613e-01
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	6.9465e+01	-2.1087e+00	-5.4815e-01
	925	0.0000e+00	0.0000e+00	0.0000e+00	6.2452e+01	-1.6860e+00	-1.7729e+00
	926	0.0000e+00	0.0000e+00	0.0000e+00	6.1149e+01	3.1650e-01	-1.1571e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	6.8310e+01	-4.8824e-01	6.7722e-02
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	7.0514e+01	-3.8074e+00	-9.4141e-02
	853	0.0000e+00	0.0000e+00	0.0000e+00	6.3212e+01	-4.1507e+00	-7.4973e-01
	925	0.0000e+00	0.0000e+00	0.0000e+00	6.2412e+01	-2.9362e+00	-8.6517e-01
	918	0.0000e+00	0.0000e+00	0.0000e+00	6.9998e+01	-3.0494e+00	-2.0957e-01
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	8.0309e+01	-6.4098e+00	1.6532e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	7.0532e+01	-5.0419e+00	1.3783e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	7.0260e+01	-5.9270e+00	2.7384e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	8.0030e+01	-7.2699e+00	3.0132e+00
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	7.9473e+01	-3.3381e+00	2.5855e-01
	923	0.0000e+00	0.0000e+00	0.0000e+00	7.0005e+01	-2.2067e+00	9.9496e-01
	924	0.0000e+00	0.0000e+00	0.0000e+00	7.0591e+01	-4.1978e+00	2.2839e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	8.0366e+01	-5.6355e+00	1.5475e+00
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	7.8401e+01	1.5174e-01	-2.1317e-01
	922	0.0000e+00	0.0000e+00	0.0000e+00	6.9261e+01	8.1683e-01	5.8947e-01
	923	0.0000e+00	0.0000e+00	0.0000e+00	6.9821e+01	-1.0297e+00	1.5141e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	7.9452e+01	-2.2075e+00	7.1144e-01
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	7.8124e+01	2.2486e+00	2.1234e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	6.9049e+01	2.6546e+00	4.1321e-01
	922	0.0000e+00	0.0000e+00	0.0000e+00	6.9125e+01	1.6566e+00	9.6029e-01
	915	0.0000e+00	0.0000e+00	0.0000e+00	7.8451e+01	9.7221e-01	7.5943e-01
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	7.9043e+01	2.1282e+00	9.5281e-01
	920	0.0000e+00	0.0000e+00	0.0000e+00	6.9725e+01	2.6793e+00	2.9949e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	6.9163e+01	2.7804e+00	7.6921e-01
	914	0.0000e+00	0.0000e+00	0.0000e+00	7.8293e+01	2.3953e+00	1.4225e+00
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	8.0900e+01	7.8124e-02	1.3242e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	7.1217e+01	9.9885e-01	-9.4844e-03
	920	0.0000e+00	0.0000e+00	0.0000e+00	7.0104e+01	2.0591e+00	6.9955e-01
	913	0.0000e+00	0.0000e+00	0.0000e+00	7.9337e+01	1.5666e+00	2.0332e+00
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	8.2865e+01	-2.6234e+00	9.8857e-01
	918	0.0000e+00	0.0000e+00	0.0000e+00	7.2954e+01	-1.4920e+00	-4.3340e-01
	919	0.0000e+00	0.0000e+00	0.0000e+00	7.1689e+01	-5.7849e-02	5.5664e-01
	912	0.0000e+00	0.0000e+00	0.0000e+00	8.1276e+01	-8.9973e-01	1.9786e+00
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	8.3858e+01	-4.1902e+00	7.2144e-02
	845	0.0000e+00	0.0000e+00	0.0000e+00	7.3852e+01	-3.0935e+00	-5.6369e-01

	918	0.0000e+00	0.0000e+00	0.0000e+00	7.3255e+01	-2.3907e+00	5.0783e-01
	911	0.0000e+00	0.0000e+00	0.0000e+00	8.3179e+01	-3.4296e+00	1.1437e+00
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	9.4967e+01	-8.8499e+00	1.2743e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	8.4730e+01	-6.2663e+00	1.1538e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	8.4376e+01	-7.0888e+00	3.9955e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	9.5079e+01	-1.0169e+01	4.1160e+00
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	9.3363e+01	-4.3362e+00	-1.3500e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	8.3758e+01	-3.0603e+00	-1.0249e-01
	917	0.0000e+00	0.0000e+00	0.0000e+00	8.4441e+01	-5.2249e+00	1.8155e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	9.5182e+01	-7.7719e+00	5.6804e-01
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	9.1568e+01	7.3227e-01	-1.5230e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	8.2340e+01	7.3921e-01	-1.7248e-01
	916	0.0000e+00	0.0000e+00	0.0000e+00	8.3151e+01	-1.4868e+00	4.4651e-01
	909	0.0000e+00	0.0000e+00	0.0000e+00	9.3467e+01	-2.7136e+00	-9.0398e-01
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	9.1002e+01	3.7016e+00	2.3677e-01
	914	0.0000e+00	0.0000e+00	0.0000e+00	8.1737e+01	3.1271e+00	6.7115e-01
	915	0.0000e+00	0.0000e+00	0.0000e+00	8.1937e+01	1.8912e+00	3.6652e-01
	908	0.0000e+00	0.0000e+00	0.0000e+00	9.1674e+01	1.9238e+00	-6.7859e-02
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	9.2230e+01	3.3513e+00	2.5308e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	8.2550e+01	3.1103e+00	1.6617e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	8.1847e+01	3.2927e+00	1.2430e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	9.1187e+01	3.8862e+00	2.1121e+00
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	9.4858e+01	1.1805e-01	3.8310e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	8.4578e+01	9.3443e-01	1.9627e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	8.3189e+01	2.2516e+00	2.2541e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	9.2497e+01	2.4871e+00	4.1225e+00
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	9.7622e+01	-4.0361e+00	3.1125e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	8.6880e+01	-2.0278e+00	1.1710e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	8.5467e+01	-4.6701e-01	2.6017e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	9.5138e+01	-1.3103e+00	4.5432e+00
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	9.8885e+01	-6.3672e+00	4.6416e-01
	837	0.0000e+00	0.0000e+00	0.0000e+00	8.8142e+01	-3.8138e+00	-3.7796e-01
	911	0.0000e+00	0.0000e+00	0.0000e+00	8.7534e+01	-3.1183e+00	1.9259e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	9.7804e+01	-5.1568e+00	2.7680e+00
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	1.0645e+02	-1.3532e+01	1.1998e-01
	910	0.0000e+00	0.0000e+00	0.0000e+00	9.9600e+01	-9.5428e+00	5.4757e-01
	494	0.0000e+00	0.0000e+00	0.0000e+00	9.9443e+01	-1.0743e+01	5.1981e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.0747e+02	-1.6022e+01	4.7705e+00
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	1.0332e+02	-5.5510e+00	-4.1801e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	9.7499e+01	-4.4570e+00	-1.8207e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	9.8712e+01	-7.7067e+00	6.2396e-01
	903	0.0000e+00	0.0000e+00	0.0000e+00	1.0684e+02	-1.1485e+01	-1.7354e+00
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	1.0040e+02	2.7186e+00	-3.6307e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	9.4895e+01	1.4146e+00	-1.3740e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	9.6233e+01	-1.9180e+00	-1.5896e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	1.0359e+02	-2.7923e+00	-3.8463e+00
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	9.9458e+01	7.2443e+00	2.2074e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	9.3692e+01	4.9345e+00	9.9936e-01
	908	0.0000e+00	0.0000e+00	0.0000e+00	9.4116e+01	3.1773e+00	-8.8662e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	1.0060e+02	4.6265e+00	-1.6652e+00
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	1.0106e+02	6.4024e+00	4.8178e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	9.4688e+01	4.6750e+00	3.6693e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	9.3794e+01	5.1567e+00	1.6360e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	9.9651e+01	7.4819e+00	2.7845e+00
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	1.0478e+02	7.7533e-01	7.5890e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	9.7564e+01	1.0789e+00	4.8929e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	9.5680e+01	3.3177e+00	4.2393e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	1.0126e+02	4.9239e+00	6.9354e+00
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	1.0894e+02	-6.7032e+00	6.4885e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	1.0100e+02	-3.7351e+00	3.5191e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	9.9078e+01	-1.1865e+00	5.2690e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	1.0490e+02	-1.7062e+00	8.2384e+00
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	1.1080e+02	-1.1085e+01	1.2804e+00



	829	0.0000e+00	0.0000e+00	0.0000e+00	1.0304e+02	-6.6807e+00	-5.7005e-02
	904	0.0000e+00	0.0000e+00	0.0000e+00	1.0222e+02	-5.5616e+00	3.7594e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	1.0894e+02	-8.7641e+00	5.0968e+00
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	1.0690e+02	-2.1490e+01	-2.6515e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	1.0982e+02	-1.5761e+01	-1.0782e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.1020e+02	-1.8053e+01	6.0307e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.0967e+02	-2.6493e+01	4.4574e+00
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	1.0170e+02	-6.5768e+00	-8.8256e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	1.0556e+02	-6.3626e+00	-4.6930e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	1.0778e+02	-1.2203e+01	-2.1793e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	1.0777e+02	-1.6999e+01	-6.3120e+00
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	9.7966e+01	6.8308e+00	-6.4935e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	1.0124e+02	3.4557e+00	-3.2358e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	1.0338e+02	-2.1849e+00	-5.2315e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	1.0236e+02	-1.5822e+00	-8.4892e+00
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	9.6941e+01	1.3591e+01	2.7932e-01
	900	0.0000e+00	0.0000e+00	0.0000e+00	9.9353e+01	8.7876e+00	1.3522e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	1.0008e+02	6.0681e+00	-3.0151e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	9.8364e+01	9.9690e+00	-4.0880e+00
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	9.8711e+01	1.2123e+01	7.8108e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	1.0056e+02	7.9176e+00	6.4678e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	9.9445e+01	9.0768e+00	1.9373e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	9.7133e+01	1.3901e+01	3.2803e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	1.0323e+02	2.8477e+00	1.2856e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	1.0448e+02	1.5670e+00	9.3085e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	1.0189e+02	5.8545e+00	6.8043e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	9.8693e+01	9.5649e+00	1.0352e+01
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	1.0922e+02	-1.0862e+01	1.1873e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	1.0963e+02	-7.1464e+00	7.3482e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	1.0683e+02	-2.1760e+00	8.9821e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	1.0294e+02	-1.7166e+00	1.3507e+01
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	1.1198e+02	-1.9944e+01	2.8142e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	1.1314e+02	-1.2797e+01	5.5414e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	1.1190e+02	-1.0556e+01	6.4976e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.0869e+02	-1.5255e+01	8.7577e+00
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	8.3751e+01	-3.3408e+01	-8.0477e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	1.0693e+02	-2.6281e+01	-4.4185e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.0842e+02	-3.1216e+01	5.9869e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	8.9540e+01	-4.4829e+01	2.3577e+00
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	7.8022e+01	-4.7443e+00	-1.4648e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	9.9065e+01	-7.9448e+00	-8.6663e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	1.0286e+02	-1.9156e+01	-7.7314e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	8.6236e+01	-2.4220e+01	-1.3714e+01
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	7.6381e+01	1.4327e+01	-8.5285e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	9.3554e+01	7.9063e+00	-5.4900e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	9.6532e+01	-1.7215e+00	-1.0515e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	7.9502e+01	1.8730e+00	-1.3553e+01
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	7.6473e+01	2.2913e+01	8.0898e-01
	893	0.0000e+00	0.0000e+00	0.0000e+00	9.1777e+01	1.5350e+01	1.6380e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	9.2673e+01	1.1207e+01	-5.5740e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	7.7242e+01	1.8018e+01	-6.4030e+00
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	7.7491e+01	2.0594e+01	1.0562e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	9.3024e+01	1.3437e+01	9.5712e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	9.1879e+01	1.5707e+01	2.2136e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	7.6649e+01	2.3215e+01	3.2042e+00
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	8.0065e+01	7.2069e+00	1.8269e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	9.7294e+01	2.8966e+00	1.5127e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	9.4082e+01	1.0841e+01	9.6287e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	7.6970e+01	1.7489e+01	1.2771e+01
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	8.6841e+01	-1.6501e+01	1.9559e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.0400e+02	-1.2733e+01	1.3564e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	9.9921e+01	-2.6743e+00	1.3565e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	7.8887e+01	1.0930e+00	1.9559e+01

1725	805	0.0000e+00	0.0000e+00	0.0000e+00	9.0305e+01	-3.6167e+01	5.5427e+00
	813	0.0000e+00	0.0000e+00	0.0000e+00	1.1013e+02	-2.4297e+01	1.6940e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.0808e+02	-1.9433e+01	1.0610e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	8.4622e+01	-2.5334e+01	1.4459e+01
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	1.3619e+01	-5.4119e+01	-1.6829e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	7.7502e+01	-4.2289e+01	-1.0906e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	7.9193e+01	-5.4630e+01	4.2018e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	2.3815e+01	-7.2911e+01	-1.7211e+00
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	2.1822e+01	-8.4759e+00	-1.4257e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	6.7285e+01	-4.7774e+00	-1.3167e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	6.7187e+01	-2.8713e+01	-1.8659e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	2.4109e+01	-1.4067e+01	-1.9750e+01
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	2.9172e+01	1.8554e+01	-5.8399e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	6.5119e+01	1.5830e+01	-7.1506e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	6.5116e+01	4.5048e-01	-1.5722e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	2.6545e+01	1.4810e+01	-1.4411e+01
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	3.2702e+01	3.1365e+01	2.5109e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	6.5119e+01	2.4337e+01	1.8341e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	6.4713e+01	1.8456e+01	-7.3280e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	3.1749e+01	2.9690e+01	-6.6511e+00
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	3.1868e+01	3.1854e+01	1.1081e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	6.5061e+01	2.1057e+01	1.1636e+01
	886	0.0000e+00	0.0000e+00	0.0000e+00	6.5136e+01	2.4713e+01	2.3711e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	3.2905e+01	3.2381e+01	1.8167e+00
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	2.6864e+01	2.0092e+01	1.9196e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	6.5701e+01	5.9110e+00	2.0484e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	6.5473e+01	1.9181e+01	1.1588e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	2.9678e+01	2.2731e+01	1.0299e+01
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	2.4121e+01	-5.7933e+00	2.5241e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	6.7795e+01	-2.0736e+01	2.4397e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	6.7758e+01	1.4189e+00	1.8221e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	2.2464e+01	-1.2143e+00	1.9065e+01
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	2.3017e+01	-6.1203e+01	9.2878e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	7.9267e+01	-4.5496e+01	3.9740e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	7.7595e+01	-3.3379e+01	1.7175e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.4025e+01	-4.3984e+01	2.2489e+01
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	-9.3237e+01	7.7219e+01	2.0310e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-4.0154e+01	-5.3254e+01	9.4489e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	4.7150e+01	-9.5007e+01	-6.0604e+00
	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.0234e+02	-1.9457e+02	4.8010e+00
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	-6.0021e+01	7.2817e+01	1.0275e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-1.6054e+01	-9.5830e-01	-7.7942e-01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-6.8763e+00	-2.9661e+01	-2.4098e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	-9.1383e+01	-1.0019e+02	8.6445e+00
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	-4.1954e+01	6.7030e+01	6.1986e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	3.5268e-01	2.1386e+01	5.0984e-01
	879	0.0000e+00	0.0000e+00	0.0000e+00	6.1806e+00	6.8952e+00	-1.0245e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	-5.9198e+01	-3.5690e+01	4.6642e+00
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	-3.6181e+01	4.9970e+01	4.2364e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	9.0014e+00	3.1280e+01	2.6123e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	1.1372e+01	2.6089e+01	5.4936e-01
	878	0.0000e+00	0.0000e+00	0.0000e+00	-4.1811e+01	1.1511e+01	2.1734e+00
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	-4.1411e+01	2.0338e+01	2.8807e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	1.0685e+01	2.8590e+01	4.9602e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	9.9354e+00	3.2011e+01	2.8492e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	-3.6488e+01	4.4471e+01	7.6969e-01
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	-5.8798e+01	-2.3764e+01	5.4300e-01
	871	0.0000e+00	0.0000e+00	0.0000e+00	5.6543e+00	1.2574e+01	6.7522e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	1.4913e+00	2.5331e+01	5.0755e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	-4.2174e+01	6.5010e+01	-1.1337e+00
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	-9.1172e+01	-8.5504e+01	-3.2042e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	-7.4490e+00	-2.0859e+01	8.4977e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	-1.4876e+01	6.0860e+00	6.6636e+00

	872	0.0000e+00	0.0000e+00	0.0000e+00	-6.0261e+01	7.4387e+01	-5.0383e+00
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.0063e+02	-1.7744e+02	4.1249e-01
	797	0.0000e+00	0.0000e+00	0.0000e+00	4.3112e+01	-8.2843e+01	1.2576e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	-3.9338e+01	-4.2729e+01	-2.6089e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	-9.3765e+01	8.2135e+01	-1.4772e+01
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	5.3151e+01	-4.3840e+00	1.7182e+00
	868	0.0000e+00	0.0000e+00	0.0000e+00	5.4111e+01	1.1090e-01	1.4614e-02
	17	0.0000e+00	0.0000e+00	0.0000e+00	4.4908e+01	-1.4934e+01	-6.1242e-01
	861	0.0000e+00	0.0000e+00	0.0000e+00	5.8935e+01	-9.1894e+00	1.0912e+00
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	5.4902e+01	1.8233e+00	2.0093e+00
	867	0.0000e+00	0.0000e+00	0.0000e+00	5.7265e+01	1.7194e+00	8.4481e-01
	868	0.0000e+00	0.0000e+00	0.0000e+00	5.6047e+01	-1.8726e+00	8.8672e-01
	860	0.0000e+00	0.0000e+00	0.0000e+00	5.3782e+01	-2.0600e+00	2.0512e+00
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	5.5628e+01	3.6977e+00	1.1384e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	5.8371e+01	3.8709e+00	8.0444e-01
	867	0.0000e+00	0.0000e+00	0.0000e+00	5.7947e+01	2.2341e+00	9.7653e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	5.5382e+01	2.0644e+00	1.3105e+00
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	5.5713e+01	4.1108e+00	3.6673e-01
	865	0.0000e+00	0.0000e+00	0.0000e+00	5.8636e+01	4.3381e+00	3.5757e-01
	866	0.0000e+00	0.0000e+00	0.0000e+00	5.8591e+01	4.1167e+00	6.0299e-01
	858	0.0000e+00	0.0000e+00	0.0000e+00	5.5740e+01	3.8548e+00	6.1215e-01
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	5.5393e+01	2.9915e+00	-3.2250e-01
	864	0.0000e+00	0.0000e+00	0.0000e+00	5.8447e+01	3.1171e+00	-1.4397e-01
	865	0.0000e+00	0.0000e+00	0.0000e+00	5.8559e+01	4.2235e+00	5.1120e-02
	857	0.0000e+00	0.0000e+00	0.0000e+00	5.5640e+01	3.9603e+00	-1.2741e-01
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	5.4490e+01	2.9371e-01	-9.1825e-01
	863	0.0000e+00	0.0000e+00	0.0000e+00	5.7423e+01	2.5255e-01	-2.9420e-01
	864	0.0000e+00	0.0000e+00	0.0000e+00	5.8054e+01	2.6760e+00	-2.6139e-01
	856	0.0000e+00	0.0000e+00	0.0000e+00	5.5112e+01	2.5695e+00	-8.8544e-01
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	5.2059e+01	-4.5263e+00	-1.5352e+00
	862	0.0000e+00	0.0000e+00	0.0000e+00	5.4850e+01	-4.5803e+00	1.4688e-01
	863	0.0000e+00	0.0000e+00	0.0000e+00	5.6512e+01	-3.6124e-01	-1.1159e-02
	855	0.0000e+00	0.0000e+00	0.0000e+00	5.3773e+01	-1.0024e-01	-1.6932e+00
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	5.6494e+01	-1.2150e+01	-4.5874e-01
	16	0.0000e+00	0.0000e+00	0.0000e+00	4.2117e+01	-1.8254e+01	2.0622e+00
	862	0.0000e+00	0.0000e+00	0.0000e+00	5.2577e+01	-2.4149e+00	1.2635e+00
	854	0.0000e+00	0.0000e+00	0.0000e+00	5.1094e+01	-6.9274e+00	-1.2574e+00
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	6.0834e+01	-3.7588e+00	1.6125e+00
	860	0.0000e+00	0.0000e+00	0.0000e+00	5.5568e+01	-4.4914e+00	2.4488e+00
	861	0.0000e+00	0.0000e+00	0.0000e+00	5.6756e+01	-7.1061e+00	1.0971e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	6.1325e+01	-5.1446e+00	2.6077e-01
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	5.9059e+01	3.4554e-01	1.3900e+00
	859	0.0000e+00	0.0000e+00	0.0000e+00	5.5747e+01	8.4907e-01	2.0879e+00
	860	0.0000e+00	0.0000e+00	0.0000e+00	5.6407e+01	-1.2848e+00	2.7859e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	5.9800e+01	-2.1724e+00	2.0879e+00
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	5.8200e+01	2.5538e+00	6.5546e-01
	858	0.0000e+00	0.0000e+00	0.0000e+00	5.5870e+01	3.2236e+00	9.9258e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	5.5893e+01	2.1114e+00	1.8562e+00
	851	0.0000e+00	0.0000e+00	0.0000e+00	5.8853e+01	1.0598e+00	1.5191e+00
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	5.7799e+01	3.0789e+00	-1.1753e-01
	857	0.0000e+00	0.0000e+00	0.0000e+00	5.5768e+01	3.7807e+00	9.4224e-02
	858	0.0000e+00	0.0000e+00	0.0000e+00	5.5876e+01	3.6867e+00	8.7448e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	5.8117e+01	2.8334e+00	6.6272e-01
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	5.7637e+01	1.9456e+00	-9.2185e-01
	856	0.0000e+00	0.0000e+00	0.0000e+00	5.5490e+01	2.7790e+00	-8.0884e-01
	857	0.0000e+00	0.0000e+00	0.0000e+00	5.5671e+01	3.6784e+00	-2.5809e-02
	849	0.0000e+00	0.0000e+00	0.0000e+00	5.7684e+01	2.9511e+00	-1.3881e-01
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	5.7691e+01	-7.3464e-01	-1.8423e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	5.4911e+01	3.0959e-01	-1.7680e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	5.5275e+01	2.1354e+00	-8.9473e-01
	848	0.0000e+00	0.0000e+00	0.0000e+00	5.7476e+01	1.4391e+00	-9.6905e-01
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	5.7786e+01	-4.6306e+00	-2.5112e+00
	854	0.0000e+00	0.0000e+00	0.0000e+00	5.4653e+01	-3.7429e+00	-2.6596e+00

	855	0.0000e+00	0.0000e+00	0.0000e+00	5.4515e+01	-1.0730e+00	-1.9532e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	5.7626e+01	-1.5934e+00	-1.8047e+00
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	5.8289e+01	-7.8219e+00	-6.5775e-01
	431	0.0000e+00	0.0000e+00	0.0000e+00	5.4035e+01	-9.9767e+00	-7.9806e-01
	854	0.0000e+00	0.0000e+00	0.0000e+00	5.3479e+01	-7.0407e+00	-2.2651e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	5.8564e+01	-6.2716e+00	-2.1248e+00
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	7.0007e+01	-3.0331e+00	2.5704e-01
	852	0.0000e+00	0.0000e+00	0.0000e+00	6.2415e+01	-2.9070e+00	9.0850e-01
	853	0.0000e+00	0.0000e+00	0.0000e+00	6.3217e+01	-4.1420e+00	8.0140e-01
	845	0.0000e+00	0.0000e+00	0.0000e+00	7.0513e+01	-3.8025e+00	1.4994e-01
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	6.8336e+01	-4.6861e-01	-3.0794e-02
	851	0.0000e+00	0.0000e+00	0.0000e+00	6.1172e+01	3.4363e-01	1.1801e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	6.2460e+01	-1.6559e+00	1.8060e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	6.9477e+01	-2.0914e+00	5.9519e-01
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	6.6847e+01	1.6869e+00	-4.3659e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	6.0244e+01	2.4756e+00	4.8127e-01
	851	0.0000e+00	0.0000e+00	0.0000e+00	6.1011e+01	1.3733e+00	1.3636e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	6.7922e+01	4.0339e-01	4.4570e-01
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	6.6071e+01	2.3068e+00	-7.2756e-01
	849	0.0000e+00	0.0000e+00	0.0000e+00	5.9693e+01	3.1003e+00	-2.7961e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	6.0063e+01	3.0113e+00	5.7409e-01
	842	0.0000e+00	0.0000e+00	0.0000e+00	6.6599e+01	2.1033e+00	1.2614e-01
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	6.6060e+01	1.1086e+00	-1.0423e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	5.9557e+01	2.0787e+00	-1.0935e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	5.9586e+01	2.9898e+00	-1.9803e-01
	841	0.0000e+00	0.0000e+00	0.0000e+00	6.5928e+01	2.1751e+00	-1.4682e-01
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	6.6613e+01	-1.5776e+00	-1.5532e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	5.9808e+01	-4.8484e-01	-1.9988e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	5.9510e+01	1.3483e+00	-1.0038e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	6.6016e+01	4.5797e-01	-5.5820e-01
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	6.7222e+01	-4.7309e+00	-1.9792e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	6.0410e+01	-4.1818e+00	-2.5826e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	5.9699e+01	-1.6280e+00	-1.8205e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	6.6722e+01	-2.5978e+00	-1.2172e+00
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	6.7066e+01	-6.5525e+00	-1.7897e+00
	420	0.0000e+00	0.0000e+00	0.0000e+00	6.0077e+01	-6.8625e+00	-1.6314e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	6.0030e+01	-5.4131e+00	-1.6573e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	6.7430e+01	-5.6717e+00	-1.8155e+00
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	8.3195e+01	-3.4212e+00	-1.0787e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	7.3266e+01	-2.3757e+00	-4.5313e-01
	845	0.0000e+00	0.0000e+00	0.0000e+00	7.3856e+01	-3.0919e+00	6.2169e-01
	837	0.0000e+00	0.0000e+00	0.0000e+00	8.3860e+01	-4.1887e+00	-3.8359e-03
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	8.1313e+01	-8.8901e-01	-1.9196e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	7.1719e+01	-4.0477e-02	-5.1230e-01
	844	0.0000e+00	0.0000e+00	0.0000e+00	7.2971e+01	-1.4781e+00	4.8373e-01
	836	0.0000e+00	0.0000e+00	0.0000e+00	8.2886e+01	-2.6148e+00	-9.2354e-01
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	7.9399e+01	1.5698e+00	-1.9800e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	7.0157e+01	2.0679e+00	-6.6383e-01
	843	0.0000e+00	0.0000e+00	0.0000e+00	7.1254e+01	1.0111e+00	5.0643e-02
	835	0.0000e+00	0.0000e+00	0.0000e+00	8.0943e+01	8.5130e-02	-1.2655e+00
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	7.8382e+01	2.3837e+00	-1.3753e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	6.9239e+01	2.7747e+00	-7.3985e-01
	842	0.0000e+00	0.0000e+00	0.0000e+00	6.9784e+01	2.6806e+00	-2.6501e-01
	834	0.0000e+00	0.0000e+00	0.0000e+00	7.9112e+01	2.1252e+00	-9.0043e-01
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	7.8565e+01	9.4192e-01	-7.1974e-01
	840	0.0000e+00	0.0000e+00	0.0000e+00	6.9222e+01	1.6335e+00	-9.3729e-01
	841	0.0000e+00	0.0000e+00	0.0000e+00	6.9131e+01	2.6404e+00	-3.8416e-01
	833	0.0000e+00	0.0000e+00	0.0000e+00	7.8219e+01	2.2295e+00	-1.6662e-01
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	7.9585e+01	-2.2557e+00	-6.8236e-01
	839	0.0000e+00	0.0000e+00	0.0000e+00	6.9936e+01	-1.0693e+00	-1.4981e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	6.9364e+01	7.8554e-01	-5.6595e-01
	832	0.0000e+00	0.0000e+00	0.0000e+00	7.8520e+01	1.1403e-01	2.4982e-01
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	8.0508e+01	-5.6947e+00	-1.5339e+00

	838	0.0000e+00	0.0000e+00	0.0000e+00	7.0713e+01	-4.2453e+00	-2.2758e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	7.0124e+01	-2.2519e+00	-9.7689e-01
	831	0.0000e+00	0.0000e+00	0.0000e+00	7.9609e+01	-3.3915e+00	-2.3498e-01
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	8.0169e+01	-7.3279e+00	-3.0228e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	7.0376e+01	-5.9668e+00	-2.7429e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	7.0656e+01	-5.0892e+00	-1.3678e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	8.0450e+01	-6.4689e+00	-1.6477e+00
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	9.7824e+01	-5.1512e+00	-2.6807e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	8.7550e+01	-3.1097e+00	-1.8535e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	8.8146e+01	-3.8140e+00	4.5173e-01
	829	0.0000e+00	0.0000e+00	0.0000e+00	9.8888e+01	-6.3672e+00	-3.7552e-01
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	9.5184e+01	-1.3042e+00	-4.4587e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	8.5507e+01	-4.5688e-01	-2.5344e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	8.6904e+01	-2.0214e+00	-1.1006e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	9.7649e+01	-4.0319e+00	-3.0249e+00
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	9.2571e+01	2.4852e+00	-4.0417e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	8.3255e+01	2.2544e+00	-2.1930e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	8.4625e+01	9.3948e-01	-1.8976e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	9.4912e+01	1.1984e-01	-3.7462e+00
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	9.1292e+01	3.8677e+00	-2.0371e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	8.1941e+01	3.2808e+00	-1.1888e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	8.2624e+01	3.1054e+00	-1.6021e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	9.2311e+01	3.3423e+00	-2.4505e+00
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	9.1807e+01	1.8823e+00	1.3262e-01
	832	0.0000e+00	0.0000e+00	0.0000e+00	8.2056e+01	1.8600e+00	-3.2168e-01
	833	0.0000e+00	0.0000e+00	0.0000e+00	8.1838e+01	3.1057e+00	-6.1806e-01
	825	0.0000e+00	0.0000e+00	0.0000e+00	9.1113e+01	3.6740e+00	-1.6376e-01
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	9.3625e+01	-2.7796e+00	9.5108e-01
	831	0.0000e+00	0.0000e+00	0.0000e+00	8.3291e+01	-1.5371e+00	-4.1556e-01
	832	0.0000e+00	0.0000e+00	0.0000e+00	8.2467e+01	6.9836e-01	2.1634e-01
	824	0.0000e+00	0.0000e+00	0.0000e+00	9.1706e+01	6.8135e-01	1.5830e+00
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	9.5354e+01	-7.8568e+00	-5.4850e-01
	830	0.0000e+00	0.0000e+00	0.0000e+00	8.4592e+01	-5.2878e+00	-1.8044e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	8.3903e+01	-3.1182e+00	1.3239e-01
	823	0.0000e+00	0.0000e+00	0.0000e+00	9.3522e+01	-4.4096e+00	1.3883e+00
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	9.5250e+01	-1.0260e+01	-4.1336e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	8.4525e+01	-7.1527e+00	-4.0109e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	8.4884e+01	-6.3318e+00	-1.1448e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	9.5138e+01	-8.9375e+00	-1.2674e+00
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	1.0896e+02	-8.7586e+00	-4.9841e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	1.0224e+02	-5.5556e+00	-3.6639e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	1.0305e+02	-6.6815e+00	1.5273e-01
	821	0.0000e+00	0.0000e+00	0.0000e+00	1.1081e+02	-1.1086e+01	-1.1674e+00
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	1.0495e+02	-1.7015e+00	-8.1258e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	9.9125e+01	-1.1804e+00	-5.1755e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	1.0103e+02	-3.7320e+00	-3.4247e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	1.0897e+02	-6.7006e+00	-6.3750e+00
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	1.0133e+02	4.9187e+00	-6.8243e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	9.5756e+01	3.3154e+00	-4.1495e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	9.7620e+01	1.0795e+00	-4.8009e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	1.0484e+02	7.7448e-01	-7.4757e+00
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	9.9762e+01	7.4560e+00	-2.6784e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	9.3901e+01	5.1370e+00	-1.5526e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	9.4773e+01	4.6642e+00	-3.5812e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	1.0115e+02	6.3884e+00	-4.7069e+00
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	1.0074e+02	4.5701e+00	1.7594e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	9.4253e+01	3.1333e+00	9.5795e-01
	825	0.0000e+00	0.0000e+00	0.0000e+00	9.3808e+01	4.9038e+00	-9.1837e-01
	817	0.0000e+00	0.0000e+00	0.0000e+00	9.9576e+01	7.2067e+00	-1.1691e-01
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	1.0376e+02	-2.8848e+00	3.9170e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	9.6396e+01	-1.9889e+00	1.6400e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	9.5041e+01	1.3581e+00	1.4419e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	1.0055e+02	2.6489e+00	3.7189e+00

1788	814	0.0000e+00	0.0000e+00	0.0000e+00	1.0703e+02	-1.1610e+01	1.7667e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	9.8892e+01	-7.7994e+00	-6.0582e-01
	823	0.0000e+00	0.0000e+00	0.0000e+00	9.7670e+01	-4.5391e+00	1.8662e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	1.0349e+02	-5.6557e+00	4.2387e+00
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	1.0766e+02	-1.6161e+01	-4.7933e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	9.9626e+01	-1.0844e+01	-5.2217e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	9.9784e+01	-9.6416e+00	-5.3581e-01
	814	0.0000e+00	0.0000e+00	0.0000e+00	1.0664e+02	-1.3664e+01	-1.0740e-01
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	1.0871e+02	-1.5248e+01	-8.6198e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	1.1192e+02	-1.0550e+01	-6.3763e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	1.1314e+02	-1.2797e+01	-4.3357e-01
	813	0.0000e+00	0.0000e+00	0.0000e+00	1.1198e+02	-1.9945e+01	-2.6770e+00
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	1.0298e+02	-1.7104e+00	-1.3366e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	1.0688e+02	-2.1715e+00	-8.8602e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	1.0966e+02	-7.1435e+00	-7.2275e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	1.0924e+02	-1.0859e+01	-1.1733e+01
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	9.8766e+01	9.5585e+00	-1.0211e+01
	818	0.0000e+00	0.0000e+00	0.0000e+00	1.0197e+02	5.8482e+00	-6.6838e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	1.0454e+02	1.5660e+00	-9.1878e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	1.0328e+02	2.8466e+00	-1.2715e+01
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	9.7235e+01	1.3868e+01	-3.1427e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	9.9555e+01	9.0483e+00	-1.8222e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	1.0065e+02	7.9023e+00	-6.3493e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	9.8790e+01	1.2106e+01	-7.6698e+00
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	9.8497e+01	9.8963e+00	4.2138e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	1.0023e+02	6.0067e+00	3.1173e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	9.9473e+01	8.7465e+00	-1.2408e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	9.7049e+01	1.3543e+01	-1.4431e-01
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	1.0252e+02	-1.7075e+00	8.5888e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	1.0356e+02	-2.2858e+00	5.3076e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	1.0139e+02	3.3785e+00	3.3315e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	9.8103e+01	6.7388e+00	6.6127e+00
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	1.0796e+02	-1.7178e+01	6.3624e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	1.0798e+02	-1.2340e+01	2.2108e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	1.0574e+02	-6.4804e+00	4.7593e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	1.0186e+02	-6.7222e+00	8.9110e+00
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	1.0987e+02	-2.6701e+01	-4.4821e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	1.1040e+02	-1.8208e+01	-6.0602e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	1.1002e+02	-1.5910e+01	1.0976e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	1.0708e+02	-2.1684e+01	2.6757e+00
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	8.4634e+01	-2.5323e+01	-1.4301e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	1.0810e+02	-1.9427e+01	-1.0464e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	1.1013e+02	-2.4297e+01	-1.5505e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	9.0309e+01	-3.6166e+01	-5.3873e+00
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	7.8917e+01	1.1022e+00	-1.9396e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	9.9962e+01	-2.6692e+00	-1.3416e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	1.0402e+02	-1.2727e+01	-1.3419e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	8.6858e+01	-1.6493e+01	-1.9398e+01
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	7.7019e+01	1.7482e+01	-1.2605e+01
	810	0.0000e+00	0.0000e+00	0.0000e+00	9.4149e+01	1.0832e+01	-9.4792e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	9.7343e+01	2.8967e+00	-1.4979e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	8.0099e+01	7.2086e+00	-1.8105e+01
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	7.6716e+01	2.3175e+01	-3.0414e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	9.1973e+01	1.5669e+01	-2.0683e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	9.3099e+01	1.3419e+01	-9.4243e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	7.7544e+01	2.0575e+01	-1.0397e+01
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	7.7328e+01	1.7928e+01	6.5550e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	9.2796e+01	1.1126e+01	5.7073e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	9.1880e+01	1.5299e+01	-1.4977e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	7.6543e+01	2.2858e+01	-6.5004e-01
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	7.9610e+01	1.7118e+00	1.3681e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	9.6685e+01	-1.8601e+00	1.0622e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	9.3686e+01	7.8066e+00	5.6137e+00

	800	0.0000e+00	0.0000e+00	0.0000e+00	7.6468e+01	1.4216e+01	8.6735e+00
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	8.6373e+01	-2.4470e+01	1.3792e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	1.0304e+02	-1.9356e+01	7.7849e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	9.9229e+01	-8.1069e+00	8.7570e+00
	799	0.0000e+00	0.0000e+00	0.0000e+00	7.8127e+01	-4.9301e+00	1.4764e+01
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	8.9689e+01	-4.5138e+01	-2.3787e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	1.0862e+02	-3.1451e+01	-6.0191e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	1.0712e+02	-2.6503e+01	4.4514e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	8.3882e+01	-3.3685e+01	8.0918e+00
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	1.4023e+01	-4.3957e+01	-2.2323e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	7.7602e+01	-3.3369e+01	-1.7011e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	7.9267e+01	-4.5492e+01	-3.8151e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	2.3019e+01	-6.1204e+01	-9.1277e+00
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	2.2467e+01	-1.1945e+00	-1.8888e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	6.7779e+01	1.4260e+00	-1.8051e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	6.7807e+01	-2.0724e+01	-2.4233e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	2.4118e+01	-5.7831e+00	-2.5070e+01
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	2.9681e+01	2.2731e+01	-1.0122e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	6.5510e+01	1.9168e+01	-1.1416e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	6.5728e+01	5.9147e+00	-2.0315e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	2.6865e+01	2.0088e+01	-1.9021e+01
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	3.2905e+01	3.2347e+01	-1.6443e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	6.5186e+01	2.4665e+01	-2.2029e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	6.5104e+01	2.1038e+01	-1.1467e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	3.1867e+01	3.1821e+01	-1.0909e+01
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	3.1742e+01	2.9603e+01	6.8124e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	6.4775e+01	1.8354e+01	7.4860e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	6.5175e+01	2.4279e+01	-1.6725e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	3.2695e+01	3.1284e+01	-2.3462e+00
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	2.6528e+01	1.4647e+01	1.4552e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	6.5192e+01	2.7124e-01	1.5859e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	6.5189e+01	1.5713e+01	7.2970e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	2.9154e+01	1.8403e+01	5.9901e+00
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	2.4097e+01	-1.4337e+01	1.9854e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	6.7280e+01	-2.8990e+01	1.8752e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	6.7374e+01	-4.9779e+00	1.3283e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	2.1790e+01	-8.7309e+00	1.4386e+01
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	2.3805e+01	-7.3355e+01	1.7110e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	7.9325e+01	-5.4981e+01	-4.2311e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	7.7630e+01	-4.2607e+01	1.0964e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	1.3576e+01	-5.4519e+01	1.6906e+01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	-9.3778e+01	8.2131e+01	1.4927e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-3.9345e+01	-4.2704e+01	2.7715e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	4.3099e+01	-8.2834e+01	-1.2427e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.0062e+02	-1.7738e+02	-2.7140e-01
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	-6.0304e+01	7.4349e+01	5.1979e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-1.4881e+01	6.0958e+00	-6.4972e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	-7.4645e+00	-2.0839e+01	-8.3325e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	-9.1191e+01	-8.5435e+01	3.3625e+00
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	-4.2251e+01	6.4923e+01	1.2866e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	1.4816e+00	2.5316e+01	-4.9140e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	5.6316e+00	1.2576e+01	-6.5869e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	-5.8845e+01	-2.3697e+01	-3.8628e-01
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	-3.6605e+01	4.4307e+01	-6.3057e-01
	789	0.0000e+00	0.0000e+00	0.0000e+00	9.9171e+00	3.1956e+01	-2.7003e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	1.0648e+01	2.8563e+01	-4.8032e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	-4.1490e+01	2.0403e+01	-2.7335e+00
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-4.1977e+01	1.1234e+01	-2.0565e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	1.1341e+01	2.5973e+01	-4.2175e-01
	789	0.0000e+00	0.0000e+00	0.0000e+00	8.9427e+00	3.1205e+01	-2.4714e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	-3.6298e+01	5.0029e+01	-4.1061e+00
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-5.9427e+01	-3.6122e+01	-4.5809e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	6.1321e+00	6.6909e+00	1.1198e+00

	787	0.0000e+00	0.0000e+00	0.0000e+00	2.6425e-01	2.1241e+01	-3.9409e-01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-4.2118e+01	6.7072e+01	-6.0948e+00
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-9.1692e+01	-1.0083e+02	-8.6097e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	-6.9517e+00	-2.9993e+01	2.4604e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.6182e+01	-1.2011e+00	8.5863e-01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-6.0245e+01	7.2825e+01	-1.0211e+01
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-2.0293e+02	-1.9549e+02	-4.8150e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	4.7247e+01	-9.5529e+01	6.0542e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	-4.0331e+01	-5.3671e+01	-9.4503e+00
	784	0.0000e+00	0.0000e+00	0.0000e+00	-9.3542e+01	7.7193e+01	-2.0319e+01
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	6.4024e+01	1.3739e+01	-1.7138e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	6.0561e+01	1.7573e+01	3.1280e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	5.7403e+01	2.3315e+00	4.1178e-01
	773	0.0000e+00	0.0000e+00	0.0000e+00	7.6066e+01	1.2086e+01	-4.4300e+00
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	5.8186e+01	2.2491e+01	1.4522e-01
	781	0.0000e+00	0.0000e+00	0.0000e+00	5.7326e+01	2.2394e+01	3.9216e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	6.0956e+01	1.8202e+01	3.9163e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	6.1485e+01	1.8116e+01	1.3990e-01
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	5.3528e+01	2.5281e+01	-2.1711e-01
	780	0.0000e+00	0.0000e+00	0.0000e+00	5.3819e+01	2.5721e+01	3.0295e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	5.6490e+01	2.4301e+01	3.5246e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	5.6815e+01	2.3661e+01	2.7800e-01
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	4.9982e+01	2.5114e+01	-6.6423e-01
	779	0.0000e+00	0.0000e+00	0.0000e+00	5.1038e+01	2.5650e+01	1.6291e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	5.2931e+01	2.6533e+01	2.2905e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	5.2297e+01	2.5628e+01	-2.8522e-03
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	4.7666e+01	2.2452e+01	-1.1348e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	4.9318e+01	2.2916e+01	1.2365e-01
	779	0.0000e+00	0.0000e+00	0.0000e+00	5.0255e+01	2.5554e+01	7.5131e-01
	769	0.0000e+00	0.0000e+00	0.0000e+00	4.9038e+01	2.4650e+01	-5.0717e-01
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	4.6422e+01	1.7970e+01	-1.5304e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	4.8533e+01	1.8230e+01	-1.1182e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	4.8704e+01	2.2104e+01	-6.6103e-01
	768	0.0000e+00	0.0000e+00	0.0000e+00	4.7007e+01	2.1368e+01	-1.0732e+00
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	4.5816e+01	1.2307e+01	-1.8206e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	4.8240e+01	1.2312e+01	-1.8545e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	4.8033e+01	1.6953e+01	-1.6477e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	4.5960e+01	1.6507e+01	-1.6138e+00
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	4.5259e+01	5.8962e+00	-2.0413e+00
	775	0.0000e+00	0.0000e+00	0.0000e+00	4.7668e+01	5.7102e+00	-1.9544e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	4.7705e+01	1.0838e+01	-1.9994e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	4.5382e+01	1.0751e+01	-2.0863e+00
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	4.3914e+01	-1.5999e+00	-2.3678e+00
	774	0.0000e+00	0.0000e+00	0.0000e+00	4.5945e+01	-1.6262e+00	-1.5072e+00
	775	0.0000e+00	0.0000e+00	0.0000e+00	4.6860e+01	4.2765e+00	-1.6678e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	4.4579e+01	4.6001e+00	-2.5283e+00
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	4.8912e+01	-9.9834e+00	-8.5336e-01
	21	0.0000e+00	0.0000e+00	0.0000e+00	3.6043e+01	-1.6126e+01	4.4653e-01
	774	0.0000e+00	0.0000e+00	0.0000e+00	4.3949e+01	-6.5300e-01	-5.7466e-01
	764	0.0000e+00	0.0000e+00	0.0000e+00	4.3390e+01	-4.5698e+00	-1.8746e+00
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	6.7172e+01	1.6175e+01	-7.5672e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	6.5207e+01	1.6858e+01	-3.5940e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	6.2781e+01	1.2254e+01	-4.2813e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	7.6888e+01	1.4435e+01	-8.2544e+00
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	6.1420e+01	2.2627e+01	-6.1315e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	5.8958e+01	2.1950e+01	-1.1860e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	6.4344e+01	1.9096e+01	-1.6880e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	6.5109e+01	1.9513e+01	-6.6335e+00
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	5.5868e+01	2.5296e+01	-5.3097e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	5.4034e+01	2.5008e+01	-1.3138e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	5.7474e+01	2.4000e+01	-1.5042e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	5.9761e+01	2.4126e+01	-5.5001e+00
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	5.1840e+01	2.5121e+01	-4.2560e+00



	769	0.0000e+00	0.0000e+00	0.0000e+00	5.0251e+01	2.4849e+01	-1.4583e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	5.2746e+01	2.5767e+01	-1.6515e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	5.4479e+01	2.5916e+01	-4.4493e+00
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	4.9282e+01	2.2372e+01	-3.2867e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	4.7795e+01	2.2226e+01	-1.6885e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	4.9247e+01	2.4674e+01	-1.8361e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	5.0762e+01	2.4849e+01	-3.4343e+00
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	4.8023e+01	1.7743e+01	-2.5667e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	4.6486e+01	1.7799e+01	-1.9747e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	4.7090e+01	2.1314e+01	-2.0073e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	4.8506e+01	2.1441e+01	-2.5992e+00
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	4.7748e+01	1.1906e+01	-2.2277e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	4.5957e+01	1.2247e+01	-2.3294e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	4.6017e+01	1.6357e+01	-2.1851e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	4.7502e+01	1.6384e+01	-2.0834e+00
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	4.8208e+01	5.4424e+00	-2.2716e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	4.5750e+01	6.0820e+00	-2.7677e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	4.5612e+01	1.0415e+01	-2.4266e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	4.7435e+01	1.0311e+01	-1.9305e+00
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	4.9053e+01	-1.0557e+00	-2.1860e+00
	764	0.0000e+00	0.0000e+00	0.0000e+00	4.6223e+01	-6.6979e-01	-3.1021e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	4.5407e+01	3.7209e+00	-2.9168e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	4.8189e+01	3.7029e+00	-2.0007e+00
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	5.0153e+01	-5.9312e+00	-2.0593e-01
	665	0.0000e+00	0.0000e+00	0.0000e+00	4.6481e+01	-8.0630e+00	-1.0043e+00
	764	0.0000e+00	0.0000e+00	0.0000e+00	4.5421e+01	-4.3991e+00	-2.5855e+00
	754	0.0000e+00	0.0000e+00	0.0000e+00	4.9748e+01	-3.0840e+00	-1.7871e+00
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	7.0015e+01	1.6696e+01	-1.3559e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	6.8503e+01	1.8243e+01	-9.7629e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	6.7288e+01	1.3585e+01	-8.7683e+00
	753	0.0000e+00	0.0000e+00	0.0000e+00	7.8194e+01	1.2963e+01	-1.2564e+01
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	6.5047e+01	2.3994e+01	-1.2523e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	6.2103e+01	2.3018e+01	-7.7665e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	6.6962e+01	1.9985e+01	-8.3666e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	6.8916e+01	2.0318e+01	-1.3123e+01
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	6.0175e+01	2.7079e+01	-1.0466e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	5.6687e+01	2.5892e+01	-6.4960e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	6.0343e+01	2.4613e+01	-7.5926e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	6.3804e+01	2.5817e+01	-1.1562e+01
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	5.6595e+01	2.6954e+01	-7.7897e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	5.2657e+01	2.5718e+01	-5.0693e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	5.5280e+01	2.6460e+01	-6.3109e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	5.8964e+01	2.7930e+01	-9.0313e+00
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	5.4522e+01	2.3922e+01	-5.1897e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	5.0176e+01	2.2962e+01	-3.7908e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	5.1649e+01	2.5338e+01	-4.8943e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	5.5616e+01	2.6784e+01	-6.2932e+00
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	5.3866e+01	1.8757e+01	-3.0927e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	4.9091e+01	1.8287e+01	-2.8544e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	4.9569e+01	2.1805e+01	-3.6039e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	5.3826e+01	2.2968e+01	-3.8423e+00
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	5.4344e+01	1.2307e+01	-1.7468e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	4.9097e+01	1.2400e+01	-2.3867e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	4.8813e+01	1.6573e+01	-2.6657e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	5.3454e+01	1.7274e+01	-2.0258e+00
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	5.5550e+01	5.4959e+00	-1.1206e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	4.9848e+01	5.9199e+00	-2.3027e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	4.9026e+01	1.0356e+01	-2.1897e+00
	746	0.0000e+00	0.0000e+00	0.0000e+00	5.4202e+01	1.0533e+01	-1.0076e+00
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	5.6894e+01	-5.5794e-01	-7.7822e-01
	754	0.0000e+00	0.0000e+00	0.0000e+00	5.1049e+01	-5.0062e-01	-2.1146e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	4.9831e+01	3.8411e+00	-2.0087e+00
	745	0.0000e+00	0.0000e+00	0.0000e+00	5.5659e+01	3.6676e+00	-6.7231e-01

1851	643	0.0000e+00	0.0000e+00	0.0000e+00	5.7635e+01	-4.4516e+00	-2.4158e-01
	654	0.0000e+00	0.0000e+00	0.0000e+00	5.1607e+01	-4.9830e+00	-8.9531e-01
	754	0.0000e+00	0.0000e+00	0.0000e+00	5.0928e+01	-2.2423e+00	-1.2320e+00
	744	0.0000e+00	0.0000e+00	0.0000e+00	5.7115e+01	-2.0398e+00	-5.7826e-01
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	7.2716e+01	1.6103e+01	-1.8484e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	7.1672e+01	1.7812e+01	-1.5285e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	7.2482e+01	1.1334e+01	-1.3043e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	7.7774e+01	8.1561e+00	-1.6242e+01
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	6.9061e+01	2.6186e+01	-1.8036e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	6.6005e+01	2.4881e+01	-1.3880e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	6.9889e+01	2.0491e+01	-1.4538e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	7.2802e+01	2.0620e+01	-1.8693e+01
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	6.5601e+01	3.0614e+01	-1.4754e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	6.1140e+01	2.8450e+01	-1.1450e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	6.4320e+01	2.6503e+01	-1.3397e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	6.8482e+01	2.8584e+01	-1.6701e+01
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	6.3218e+01	3.0752e+01	-1.0466e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	5.7704e+01	2.8413e+01	-8.3895e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	5.9876e+01	2.8890e+01	-1.0745e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	6.4856e+01	3.1687e+01	-1.2822e+01
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	6.2221e+01	2.7299e+01	-6.1773e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	5.5888e+01	2.5321e+01	-5.4478e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	5.6899e+01	2.7775e+01	-7.6389e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	6.2549e+01	3.0574e+01	-8.3684e+00
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	6.2612e+01	2.1234e+01	-2.5901e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	5.5586e+01	1.9993e+01	-3.0869e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	5.5536e+01	2.3824e+01	-4.7263e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	6.1751e+01	2.6157e+01	-4.2296e+00
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	6.4130e+01	1.3633e+01	-1.6443e-01
	746	0.0000e+00	0.0000e+00	0.0000e+00	5.6490e+01	1.3320e+01	-1.5924e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	5.5621e+01	1.7902e+01	-2.4435e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	6.2379e+01	1.9445e+01	-1.0155e+00
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	6.6230e+01	5.7616e+00	9.0202e-01
	745	0.0000e+00	0.0000e+00	0.0000e+00	5.8107e+01	6.2796e+00	-9.7896e-01
	746	0.0000e+00	0.0000e+00	0.0000e+00	5.6773e+01	1.0962e+01	-1.0084e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	6.4112e+01	1.1544e+01	8.7261e-01
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	6.8092e+01	-8.9779e-01	7.4694e-01
	744	0.0000e+00	0.0000e+00	0.0000e+00	5.9733e+01	6.3390e-02	-9.1280e-01
	745	0.0000e+00	0.0000e+00	0.0000e+00	5.8437e+01	4.0746e+00	-3.3490e-01
	735	0.0000e+00	0.0000e+00	0.0000e+00	6.6343e+01	3.7760e+00	1.3248e+00
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	6.8981e+01	-4.8794e+00	-1.9257e-01
	643	0.0000e+00	0.0000e+00	0.0000e+00	6.0365e+01	-3.8557e+00	-8.8519e-01
	744	0.0000e+00	0.0000e+00	0.0000e+00	5.9892e+01	-1.4800e+00	-2.9178e-02
	734	0.0000e+00	0.0000e+00	0.0000e+00	6.8183e+01	-2.3223e+00	6.6344e-01
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	7.4140e+01	1.5017e+01	-2.1570e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	7.4088e+01	1.5871e+01	-1.9423e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	7.8770e+01	6.1684e+00	-1.6433e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	7.3397e+01	5.0538e-01	-1.8581e+01
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	7.2279e+01	2.9151e+01	-2.1924e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	6.9983e+01	2.7550e+01	-1.8737e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	7.2332e+01	2.0460e+01	-1.9574e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	7.5777e+01	2.0682e+01	-2.2760e+01
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	7.0797e+01	3.5749e+01	-1.7442e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	6.6412e+01	3.2599e+01	-1.5248e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	6.8700e+01	2.9447e+01	-1.8029e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	7.2535e+01	3.2360e+01	-2.0223e+01
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	7.0053e+01	3.6444e+01	-1.1711e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	6.4236e+01	3.2933e+01	-1.0663e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	6.5517e+01	3.3043e+01	-1.4115e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	7.0695e+01	3.7058e+01	-1.5163e+01
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	7.0434e+01	3.2548e+01	-5.8339e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	6.3589e+01	2.9386e+01	-6.0600e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	6.3783e+01	3.2061e+01	-9.3945e+00

	729	0.0000e+00	0.0000e+00	0.0000e+00	6.9825e+01	3.6169e+01	-9.1685e+00
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	7.2075e+01	2.5271e+01	-7.6057e-01
	737	0.0000e+00	0.0000e+00	0.0000e+00	6.4440e+01	2.3052e+01	-2.2095e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	6.3591e+01	2.7504e+01	-4.8574e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	7.0266e+01	3.1057e+01	-3.4085e+00
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	7.4827e+01	1.5863e+01	2.7428e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	6.6513e+01	1.5059e+01	3.2687e-01
	737	0.0000e+00	0.0000e+00	0.0000e+00	6.4867e+01	2.0459e+01	-1.1850e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	7.2040e+01	2.2952e+01	1.2309e+00
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	7.8125e+01	5.9034e+00	4.0681e+00
	735	0.0000e+00	0.0000e+00	0.0000e+00	6.9215e+01	6.7279e+00	1.2433e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	6.7239e+01	1.2149e+01	1.1536e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	7.4917e+01	1.3169e+01	3.9785e+00
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	8.0907e+01	-2.5540e+00	3.0060e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	7.1657e+01	-3.6744e-01	6.4922e-01
	735	0.0000e+00	0.0000e+00	0.0000e+00	6.9984e+01	4.0355e+00	1.9451e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	7.8256e+01	3.3970e+00	4.3019e+00
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	8.2272e+01	-7.3603e+00	1.3839e-01
	632	0.0000e+00	0.0000e+00	0.0000e+00	7.2621e+01	-4.6738e+00	-8.4422e-01
	734	0.0000e+00	0.0000e+00	0.0000e+00	7.2112e+01	-2.1731e+00	1.3562e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	8.0977e+01	-4.2835e+00	2.3388e+00
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	7.2592e+01	1.4101e+01	-2.2050e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	7.4334e+01	1.2662e+01	-2.1361e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	8.5820e+01	-1.1961e+00	-1.8331e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	6.2371e+01	-9.2419e+00	-1.9020e+01
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	7.2829e+01	3.2823e+01	-2.3562e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	7.2667e+01	3.0991e+01	-2.1689e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	7.2822e+01	2.0136e+01	-2.2832e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	7.6111e+01	2.0797e+01	-2.4706e+01
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	7.3650e+01	4.2184e+01	-1.8082e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	7.0945e+01	3.8116e+01	-1.7270e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	7.2094e+01	3.3338e+01	-2.0804e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	7.3990e+01	3.6973e+01	-2.1615e+01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	7.4624e+01	4.3755e+01	-1.1310e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	7.0409e+01	3.9091e+01	-1.1416e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	7.0575e+01	3.8724e+01	-1.5849e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	7.4262e+01	4.3722e+01	-1.5742e+01
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	7.6265e+01	3.9571e+01	-4.1259e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	7.1112e+01	3.5077e+01	-5.3011e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	7.0357e+01	3.8091e+01	-9.7676e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	7.4864e+01	4.3334e+01	-8.5924e+00
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	7.8921e+01	3.0963e+01	2.3698e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	7.3187e+01	2.7449e+01	3.5609e-02
	728	0.0000e+00	0.0000e+00	0.0000e+00	7.1449e+01	3.2855e+01	-3.7572e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	7.6375e+01	3.7609e+01	-1.4229e+00
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	8.2741e+01	1.9144e+01	7.0817e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	7.6532e+01	1.7492e+01	3.6658e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	7.3984e+01	2.4286e+01	1.2666e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	7.9021e+01	2.7864e+01	4.6825e+00
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	8.7358e+01	5.8249e+00	8.7894e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	8.0611e+01	6.8157e+00	4.7790e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	7.7749e+01	1.3775e+01	4.4797e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	8.2862e+01	1.5418e+01	8.4901e+00
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	9.1471e+01	-6.0980e+00	6.5740e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	8.4358e+01	-2.4213e+00	3.0790e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	8.1964e+01	3.2079e+00	5.2086e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	8.7453e+01	2.2420e+00	8.7036e+00
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	9.3585e+01	-1.2720e+01	9.3063e-01
	621	0.0000e+00	0.0000e+00	0.0000e+00	8.5982e+01	-7.8877e+00	-5.9733e-01
	724	0.0000e+00	0.0000e+00	0.0000e+00	8.5260e+01	-4.8755e+00	3.3248e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	9.1504e+01	-8.5939e+00	4.8528e+00
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	6.5782e+01	1.4098e+01	-1.9299e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	7.0375e+01	8.5564e+00	-2.0364e+01

	723	0.0000e+00	0.0000e+00	0.0000e+00	9.2543e+01	-9.7380e+00	-1.8283e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	4.1661e+01	-1.9816e+01	-1.7218e+01
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	6.8054e+01	3.6871e+01	-2.2554e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	7.2004e+01	3.5053e+01	-2.2237e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	6.9301e+01	1.9782e+01	-2.3727e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	7.1339e+01	2.1213e+01	-2.4044e+01
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	7.1110e+01	4.9300e+01	-1.6609e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	7.2433e+01	4.4555e+01	-1.7216e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	7.2386e+01	3.7931e+01	-2.1259e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	7.0045e+01	4.2000e+01	-2.0653e+01
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	7.3458e+01	5.2109e+01	-9.5069e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	7.3531e+01	4.6472e+01	-1.0584e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	7.2625e+01	4.5518e+01	-1.5732e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	7.2387e+01	5.1104e+01	-1.4655e+01
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	7.5747e+01	4.8065e+01	-1.5593e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	7.5296e+01	4.2163e+01	-3.2954e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	7.3786e+01	4.5547e+01	-8.7788e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	7.4072e+01	5.1599e+01	-7.0427e+00
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	7.8528e+01	3.8428e+01	6.1499e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	7.8136e+01	3.3155e+01	3.4738e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	7.5776e+01	3.9799e+01	-1.6111e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	7.5977e+01	4.5611e+01	1.0650e+00
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	8.2399e+01	2.4042e+01	1.2339e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	8.2334e+01	2.0648e+01	8.4570e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	7.9070e+01	2.9537e+01	4.7067e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	7.8539e+01	3.4319e+01	8.5887e+00
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	8.7673e+01	6.1016e+00	1.5093e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	8.7718e+01	6.3361e+00	1.0076e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	8.3909e+01	1.6002e+01	8.9637e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	8.2277e+01	1.8661e+01	1.3980e+01
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	9.3305e+01	-1.1996e+01	1.2049e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	9.3192e+01	-6.8133e+00	7.0022e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	8.9796e+01	1.3193e+00	9.7845e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	8.7441e+01	4.3628e-01	1.4831e+01
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	9.6408e+01	-2.2577e+01	2.4246e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	9.5959e+01	-1.4625e+01	-3.9315e-03
	714	0.0000e+00	0.0000e+00	0.0000e+00	9.4874e+01	-1.0528e+01	6.2929e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	9.3038e+01	-1.6303e+01	8.7214e+00
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	5.0771e+01	1.5926e+01	-1.3072e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	5.9563e+01	4.0784e+00	-1.5892e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	9.6937e+01	-1.7862e+01	-1.6103e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	8.2226e+00	-2.9250e+01	-1.3282e+01
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	5.4056e+01	4.0965e+01	-1.9061e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	6.5138e+01	3.9182e+01	-2.0133e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	5.9179e+01	1.9606e+01	-2.1813e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	5.8048e+01	2.1487e+01	-2.0741e+01
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	5.8820e+01	5.6455e+01	-1.3406e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	6.7530e+01	5.1121e+01	-1.5123e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	6.6615e+01	4.2676e+01	-1.9293e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	5.6584e+01	4.6434e+01	-1.7576e+01
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	6.1930e+01	6.0661e+01	-6.9455e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	6.9835e+01	5.4368e+01	-8.5547e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	6.8246e+01	5.2670e+01	-1.3969e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	6.0566e+01	5.8181e+01	-1.2360e+01
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	6.3958e+01	5.7202e+01	8.1474e-01
	708	0.0000e+00	0.0000e+00	0.0000e+00	7.1908e+01	5.0215e+01	-7.8946e-01
	709	0.0000e+00	0.0000e+00	0.0000e+00	7.0194e+01	5.3793e+01	-6.9340e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	6.2727e+01	6.0201e+01	-5.3298e+00
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	6.5378e+01	4.7108e+01	9.0146e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	7.4372e+01	4.0140e+01	7.0614e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	7.2129e+01	4.8040e+01	7.8802e-01
	698	0.0000e+00	0.0000e+00	0.0000e+00	6.4037e+01	5.4749e+01	2.7412e+00
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	6.6958e+01	3.0726e+01	1.6541e+01

	706	0.0000e+00	0.0000e+00	0.0000e+00	7.7970e+01	2.4910e+01	1.3688e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	7.4801e+01	3.6459e+01	8.1572e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	6.4893e+01	4.2701e+01	1.1010e+01
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	6.9843e+01	7.9693e+00	2.1420e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	8.3515e+01	5.6710e+00	1.6938e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	7.9094e+01	1.9621e+01	1.3724e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	6.6040e+01	2.4331e+01	1.8205e+01
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	7.6075e+01	-2.0098e+01	1.9773e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	9.0508e+01	-1.4159e+01	1.3214e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	8.5920e+01	-1.1451e+00	1.5354e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	6.8628e+01	1.2866e-01	2.1913e+01
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	7.9993e+01	-4.0040e+01	5.0365e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	9.5403e+01	-2.6961e+01	1.0979e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	9.3655e+01	-2.0512e+01	1.0695e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	7.4514e+01	-2.8355e+01	1.4634e+01
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	2.0779e+01	1.6856e+01	-5.9407e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	3.9281e+01	-6.7984e-01	-8.7076e+00
	703	0.0000e+00	0.0000e+00	0.0000e+00	9.4969e+01	-2.3024e+01	-1.2004e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	-3.9986e+01	-3.3373e+01	-9.2376e+00
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	2.4170e+01	3.9072e+01	-1.3646e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	4.8384e+01	4.2723e+01	-1.6318e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	3.8187e+01	1.9205e+01	-1.8366e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	2.9464e+01	2.7322e+01	-1.5695e+01
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	3.0412e+01	5.9038e+01	-8.9327e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	5.2079e+01	5.7039e+01	-1.1762e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	4.9749e+01	4.6559e+01	-1.6075e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	2.7550e+01	5.3963e+01	-1.3246e+01
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	3.4151e+01	6.6744e+01	-4.1256e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	5.4797e+01	6.1862e+01	-6.0814e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	5.2625e+01	5.9017e+01	-1.1505e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	3.2734e+01	6.5957e+01	-9.5488e+00
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	3.5609e+01	6.6251e+01	2.1380e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	5.6058e+01	5.8435e+01	1.2377e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	5.4945e+01	6.1763e+01	-5.1632e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	3.5070e+01	6.7901e+01	-4.2630e+00
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	3.4590e+01	5.8300e+01	9.2037e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	5.6355e+01	4.7938e+01	9.2999e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	5.6002e+01	5.6821e+01	2.3434e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	3.5119e+01	6.1624e+01	2.2472e+00
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	3.1094e+01	4.3148e+01	1.6327e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	5.6350e+01	3.0564e+01	1.7175e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	5.6326e+01	4.4988e+01	1.0164e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	3.2674e+01	4.7687e+01	9.3164e+00
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	2.5378e+01	2.0410e+01	2.2649e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	5.7716e+01	6.1445e+00	2.3445e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	5.6775e+01	2.6153e+01	1.7034e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	2.7780e+01	2.5864e+01	1.6238e+01
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	2.3299e+01	-1.2259e+01	2.6160e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	6.1334e+01	-2.4532e+01	2.4059e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	5.9935e+01	-1.9325e-01	2.0983e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	2.0843e+01	-5.7615e+00	2.3084e+01
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	2.1984e+01	-6.6342e+01	7.9159e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	7.1239e+01	-4.9312e+01	3.1159e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	6.9818e+01	-3.6241e+01	1.7895e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	1.4597e+01	-5.1430e+01	2.2695e+01
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	-3.4957e+01	9.0438e+01	-2.6863e+00
	691	0.0000e+00	0.0000e+00	0.0000e+00	-4.7617e+00	-4.7381e+00	9.8603e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	8.3719e+01	-2.1352e+01	-4.9901e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.0042e+02	-8.4155e+01	-1.7537e+01
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	-2.9012e+01	9.6037e+01	-2.6332e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	2.7117e+00	4.1969e+01	-3.3134e+00
	691	0.0000e+00	0.0000e+00	0.0000e+00	1.0038e+01	2.1109e+01	-5.8974e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	-3.7586e+01	-2.7327e+01	-5.2172e+00

1914	688	0.0000e+00	0.0000e+00	0.0000e+00	-2.2360e+01	9.4921e+01	-1.9036e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	1.1277e+01	5.9430e+01	-3.3846e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	1.6715e+01	5.0066e+01	-4.6308e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	-3.0516e+01	1.7292e+01	-3.1498e+00
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.7564e+01	8.3542e+01	-8.9193e-01
	685	0.0000e+00	0.0000e+00	0.0000e+00	1.7187e+01	6.6788e+01	-2.6568e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	1.8605e+01	6.3592e+01	-4.5786e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	-2.2220e+01	5.1027e+01	-2.8138e+00
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	-1.6419e+01	6.3903e+01	7.2255e-01
	683	0.0000e+00	0.0000e+00	0.0000e+00	2.0341e+01	6.5324e+01	-3.6754e-01
	685	0.0000e+00	0.0000e+00	0.0000e+00	1.8811e+01	6.7378e+01	-2.9597e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.6889e+01	7.4450e+01	-1.8696e+00
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	-2.0261e+01	3.6137e+01	2.3809e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	2.0323e+01	5.5783e+01	2.6734e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	1.6336e+01	6.2911e+01	-1.4579e-01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-1.5737e+01	8.8703e+01	-4.3834e-01
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	-3.0452e+01	-5.0667e-01	3.2411e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.6680e+01	3.8180e+01	5.6030e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.0536e+01	5.0782e+01	3.0912e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.9974e+01	9.4945e+01	7.2937e-01
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	-4.8933e+01	-4.7490e+01	2.4097e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	8.9988e+00	1.1668e+01	7.6430e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	6.2939e-01	3.1007e+01	5.8533e+00
	680	0.0000e+00	0.0000e+00	0.0000e+00	-3.0961e+01	9.4067e+01	6.2007e-01
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	-7.8147e+01	-1.0747e+02	1.4290e-01
	675	0.0000e+00	0.0000e+00	0.0000e+00	-3.7615e+00	-2.8067e+01	9.3001e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	-1.4549e+01	3.2770e+00	7.4802e+00
	678	0.0000e+00	0.0000e+00	0.0000e+00	-5.0557e+01	8.6652e+01	-1.6770e+00
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.7850e+02	-1.9185e+02	2.6865e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	4.8629e+01	-8.5138e+01	1.0522e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	-3.3155e+01	-5.1682e+01	-1.9695e+00
	676	0.0000e+00	0.0000e+00	0.0000e+00	-8.2344e+01	8.2263e+01	-9.8047e+00
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	4.3257e+01	-6.7742e+00	2.0455e+00
	674	0.0000e+00	0.0000e+00	0.0000e+00	4.4530e+01	-2.6088e+00	6.0618e-01
	21	0.0000e+00	0.0000e+00	0.0000e+00	3.5846e+01	-1.6768e+01	-4.9082e-01
	665	0.0000e+00	0.0000e+00	0.0000e+00	4.9036e+01	-1.0429e+01	9.4847e-01
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	4.4514e+01	-4.5639e-01	2.5890e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	4.7286e+01	-7.3353e-01	1.7162e+00
	674	0.0000e+00	0.0000e+00	0.0000e+00	4.6370e+01	-4.5370e+00	1.5355e+00
	664	0.0000e+00	0.0000e+00	0.0000e+00	4.3668e+01	-4.4560e+00	2.4083e+00
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	4.4917e+01	2.7316e+00	1.8144e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	4.8043e+01	2.9159e+00	1.7597e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	4.7965e+01	1.5432e-01	1.8654e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	4.4885e+01	1.2915e-01	1.9201e+00
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	4.5062e+01	5.3290e+00	9.5395e-01
	671	0.0000e+00	0.0000e+00	0.0000e+00	4.8300e+01	5.8165e+00	9.8992e-01
	672	0.0000e+00	0.0000e+00	0.0000e+00	4.8400e+01	3.7765e+00	1.3856e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	4.5035e+01	3.4798e+00	1.3496e+00
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	4.5596e+01	6.8990e+00	-3.1417e-03
	670	0.0000e+00	0.0000e+00	0.0000e+00	4.8931e+01	7.5330e+00	-3.6162e-01
	671	0.0000e+00	0.0000e+00	0.0000e+00	4.8593e+01	6.3958e+00	2.3459e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	4.5210e+01	5.8483e+00	5.9308e-01
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	4.6811e+01	7.1066e+00	-9.6023e-01
	669	0.0000e+00	0.0000e+00	0.0000e+00	5.0256e+01	7.6957e+00	-1.8945e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	4.9274e+01	7.6394e+00	-1.2671e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	4.5907e+01	6.9851e+00	-3.3283e-01
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	4.8575e+01	5.7852e+00	-1.8266e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	5.2101e+01	6.1806e+00	-3.1898e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	5.0644e+01	7.2794e+00	-2.7029e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	4.7280e+01	6.7098e+00	-1.3397e+00
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	5.0391e+01	2.8116e+00	-2.5862e+00
	667	0.0000e+00	0.0000e+00	0.0000e+00	5.3726e+01	2.9786e+00	-3.9055e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	5.2401e+01	5.3379e+00	-3.6564e+00

	658	0.0000e+00	0.0000e+00	0.0000e+00	4.9053e+01	5.0113e+00	-2.3371e+00
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	5.0984e+01	-2.5372e+00	-3.3500e+00
	666	0.0000e+00	0.0000e+00	0.0000e+00	5.4215e+01	-2.4523e+00	-3.8485e+00
	667	0.0000e+00	0.0000e+00	0.0000e+00	5.3637e+01	1.8729e+00	-3.8639e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	5.0556e+01	1.9882e+00	-3.3653e+00
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	5.9506e+01	-1.0922e+01	-1.9920e+00
	20	0.0000e+00	0.0000e+00	0.0000e+00	4.3892e+01	-1.8190e+01	-1.8244e+00
	666	0.0000e+00	0.0000e+00	0.0000e+00	5.2698e+01	-5.2182e-01	-2.8322e+00
	656	0.0000e+00	0.0000e+00	0.0000e+00	5.1038e+01	-5.7929e+00	-2.9998e+00
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	4.9432e+01	-5.7598e+00	1.6865e+00
	664	0.0000e+00	0.0000e+00	0.0000e+00	4.5200e+01	-6.7345e+00	2.5511e+00
	665	0.0000e+00	0.0000e+00	0.0000e+00	4.6295e+01	-8.3790e+00	1.0242e+00
	654	0.0000e+00	0.0000e+00	0.0000e+00	5.0083e+01	-6.3277e+00	1.5960e-01
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	4.7334e+01	-1.6346e+00	1.6452e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	4.4991e+01	-1.3871e+00	2.5949e+00
	664	0.0000e+00	0.0000e+00	0.0000e+00	4.5923e+01	-3.6654e+00	3.0261e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	4.8319e+01	-4.2725e+00	2.0764e+00
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	4.6128e+01	1.8641e+00	1.1747e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	4.4810e+01	2.2471e+00	1.7799e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	4.5085e+01	1.7885e-01	2.3747e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	4.7074e+01	-6.1691e-01	1.7695e+00
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	4.5676e+01	4.5898e+00	8.2270e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	4.4760e+01	4.9366e+00	1.0939e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	4.4874e+01	3.2905e+00	1.5648e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	4.6109e+01	2.7041e+00	1.2936e+00
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	4.6069e+01	6.1648e+00	6.4603e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	4.5255e+01	6.5357e+00	3.5008e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	4.4917e+01	5.5465e+00	7.5425e-01
	650	0.0000e+00	0.0000e+00	0.0000e+00	4.5811e+01	5.1165e+00	1.0502e+00
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	4.7451e+01	6.2972e+00	5.0197e-01
	659	0.0000e+00	0.0000e+00	0.0000e+00	4.6505e+01	6.7793e+00	-4.8293e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	4.5582e+01	6.6216e+00	-5.3707e-02
	649	0.0000e+00	0.0000e+00	0.0000e+00	4.6386e+01	6.2531e+00	9.3119e-01
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	4.9756e+01	4.8463e+00	1.8505e-01
	658	0.0000e+00	0.0000e+00	0.0000e+00	4.8413e+01	5.5483e+00	-1.4125e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	4.7001e+01	6.2867e+00	-8.6069e-01
	648	0.0000e+00	0.0000e+00	0.0000e+00	4.7944e+01	5.8950e+00	7.3690e-01
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	5.2836e+01	1.8031e+00	-4.3238e-01
	657	0.0000e+00	0.0000e+00	0.0000e+00	5.0627e+01	2.8034e+00	-2.4527e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	4.8992e+01	4.4538e+00	-1.7039e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	5.0392e+01	3.9700e+00	3.1649e-01
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	5.6313e+01	-2.6354e+00	-9.3953e-01
	656	0.0000e+00	0.0000e+00	0.0000e+00	5.3645e+01	-1.7340e+00	-3.4643e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	5.1155e+01	8.6826e-01	-2.8121e+00
	646	0.0000e+00	0.0000e+00	0.0000e+00	5.3707e+01	4.7708e-01	-2.8733e-01
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	6.0461e+01	-6.6852e+00	9.6298e-01
	655	0.0000e+00	0.0000e+00	0.0000e+00	5.6203e+01	-8.6690e+00	-1.5788e+00
	656	0.0000e+00	0.0000e+00	0.0000e+00	5.3406e+01	-5.8562e+00	-3.0677e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	5.8128e+01	-4.8892e+00	-5.2596e-01
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	5.6826e+01	-4.9500e+00	6.0835e-02
	653	0.0000e+00	0.0000e+00	0.0000e+00	5.0574e+01	-4.9705e+00	8.2575e-01
	654	0.0000e+00	0.0000e+00	0.0000e+00	5.1474e+01	-5.3617e+00	5.8381e-01
	643	0.0000e+00	0.0000e+00	0.0000e+00	5.7470e+01	-4.9028e+00	-1.8110e-01
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	5.4701e+01	-2.1738e+00	-1.6012e-01
	652	0.0000e+00	0.0000e+00	0.0000e+00	4.8956e+01	-1.6563e+00	1.3383e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	5.0479e+01	-3.7695e+00	1.7401e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	5.6203e+01	-4.0483e+00	2.4166e-01
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	5.2722e+01	1.5189e+00	-2.1028e-01
	651	0.0000e+00	0.0000e+00	0.0000e+00	4.7643e+01	1.7907e+00	1.0653e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	4.8674e+01	-2.7250e-01	1.5396e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	5.4265e+01	-9.4087e-01	2.6409e-01
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	5.1650e+01	4.6695e+00	2.9283e-01
	650	0.0000e+00	0.0000e+00	0.0000e+00	4.6954e+01	4.6460e+00	9.7110e-01

	651	0.0000e+00	0.0000e+00	0.0000e+00	4.7414e+01	2.9871e+00	1.1579e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	5.2559e+01	2.5934e+00	4.7960e-01
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	5.1868e+01	6.4649e+00	1.2752e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	4.7217e+01	6.3482e+00	1.0841e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	4.6956e+01	5.3522e+00	1.0381e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	5.1743e+01	5.3267e+00	1.2292e+00
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	5.3535e+01	6.4882e+00	2.3574e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	4.8621e+01	6.5581e+00	1.1737e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	4.7551e+01	6.4058e+00	1.1382e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	5.2215e+01	6.5461e+00	2.3219e+00
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	5.6557e+01	4.6789e+00	3.1057e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	5.1133e+01	5.1511e+00	9.9179e-01
	648	0.0000e+00	0.0000e+00	0.0000e+00	4.9289e+01	5.9092e+00	1.2165e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	5.4134e+01	5.9361e+00	3.3304e+00
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	6.0592e+01	1.3730e+00	3.3111e+00
	646	0.0000e+00	0.0000e+00	0.0000e+00	5.4562e+01	2.1658e+00	4.8059e-01
	647	0.0000e+00	0.0000e+00	0.0000e+00	5.2034e+01	3.8358e+00	1.0325e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	5.7408e+01	3.5349e+00	3.8630e+00
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	6.5011e+01	-2.5451e+00	3.3007e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	5.8701e+01	-2.1177e+00	8.4478e-02
	646	0.0000e+00	0.0000e+00	0.0000e+00	5.5510e+01	3.7945e-01	6.0311e-01
	635	0.0000e+00	0.0000e+00	0.0000e+00	6.1710e+01	-2.2102e-01	3.8193e+00
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	6.8804e+01	-5.4902e+00	3.5911e+00
	644	0.0000e+00	0.0000e+00	0.0000e+00	6.2062e+01	-5.6740e+00	1.0374e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	5.9432e+01	-4.1166e+00	9.7295e-01
	634	0.0000e+00	0.0000e+00	0.0000e+00	6.6280e+01	-4.1728e+00	3.5267e+00
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	6.7985e+01	-5.4093e+00	-1.5967e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	5.9556e+01	-4.4113e+00	-8.4655e-01
	643	0.0000e+00	0.0000e+00	0.0000e+00	6.0334e+01	-4.2996e+00	2.0978e-01
	632	0.0000e+00	0.0000e+00	0.0000e+00	6.8722e+01	-5.3951e+00	-5.4036e-01
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	6.5556e+01	-2.4199e+00	-2.5578e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	5.7547e+01	-1.8133e+00	-7.8281e-01
	642	0.0000e+00	0.0000e+00	0.0000e+00	5.9089e+01	-3.5016e+00	6.7986e-02
	631	0.0000e+00	0.0000e+00	0.0000e+00	6.7596e+01	-4.5811e+00	-1.7070e+00
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	6.2964e+01	2.0513e+00	-2.2784e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	5.5429e+01	1.9210e+00	-4.5590e-01
	641	0.0000e+00	0.0000e+00	0.0000e+00	5.6891e+01	-2.9896e-01	-1.9550e-01
	630	0.0000e+00	0.0000e+00	0.0000e+00	6.5180e+01	-9.4540e-01	-2.0180e+00
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	6.1356e+01	6.0491e+00	-6.2794e-01
	639	0.0000e+00	0.0000e+00	0.0000e+00	5.4091e+01	5.2797e+00	4.7495e-01
	640	0.0000e+00	0.0000e+00	0.0000e+00	5.4891e+01	3.3580e+00	3.1529e-02
	629	0.0000e+00	0.0000e+00	0.0000e+00	6.2781e+01	3.4674e+00	-1.0714e+00
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	6.1427e+01	8.2809e+00	1.9677e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	5.4115e+01	7.2663e+00	1.8854e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	5.3932e+01	6.1470e+00	9.8226e-01
	628	0.0000e+00	0.0000e+00	0.0000e+00	6.1444e+01	6.9223e+00	1.0645e+00
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	6.3432e+01	8.1357e+00	4.7681e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	5.5771e+01	7.3700e+00	3.3257e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	5.4474e+01	7.3027e+00	2.4110e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	6.1818e+01	8.3498e+00	3.8534e+00
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	6.7217e+01	5.6268e+00	6.9917e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	5.8994e+01	5.5189e+00	4.2967e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	5.6650e+01	6.5152e+00	3.8270e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	6.4122e+01	7.3381e+00	6.5220e+00
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	7.2192e+01	1.4260e+00	8.0665e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	6.3384e+01	2.0961e+00	4.5257e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	6.0260e+01	3.9135e+00	4.7693e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	6.8169e+01	4.1007e+00	8.3101e+00
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	7.7343e+01	-3.1147e+00	7.8486e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	6.8112e+01	-1.9272e+00	4.1986e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	6.4775e+01	1.1980e-01	5.0910e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	7.3313e+01	-4.6131e-01	8.7410e+00
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	8.1292e+01	-6.2984e+00	6.5721e+00



	633	0.0000e+00	0.0000e+00	0.0000e+00	7.2003e+01	-4.8406e+00	3.8162e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	6.9319e+01	-3.6916e+00	5.0818e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	7.8414e+01	-4.7419e+00	7.8377e+00
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	8.0906e+01	-7.4676e+00	-3.5328e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	7.1872e+01	-5.2834e+00	-2.6098e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	7.2715e+01	-5.1996e+00	-1.1060e-01
	621	0.0000e+00	0.0000e+00	0.0000e+00	8.1926e+01	-7.9683e+00	-1.0336e+00
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	7.7703e+01	-2.8449e+00	-5.7078e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	6.9307e+01	-2.0731e+00	-3.3714e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	7.1036e+01	-4.1218e+00	-1.9089e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	8.0690e+01	-6.2484e+00	-4.2454e+00
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	7.4292e+01	3.6074e+00	-5.0942e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	6.6329e+01	2.7900e+00	-2.6023e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	6.8188e+01	-7.7725e-02	-2.6856e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	7.7463e+01	-7.3007e-01	-5.1775e+00
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	7.2131e+01	9.1733e+00	-1.9429e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	6.4291e+01	7.2102e+00	-3.6497e-01
	629	0.0000e+00	0.0000e+00	0.0000e+00	6.5427e+01	4.6983e+00	-1.8216e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	7.4179e+01	5.6220e+00	-3.3994e+00
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	7.2066e+01	1.2135e+01	2.7585e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	6.4062e+01	9.7244e+00	2.8012e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	6.3955e+01	8.3516e+00	5.5680e-01
	617	0.0000e+00	0.0000e+00	0.0000e+00	7.2259e+01	1.0389e+01	5.1409e-01
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	7.4396e+01	1.1726e+01	7.7774e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	6.5991e+01	9.6396e+00	6.0722e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	6.4449e+01	9.7551e+00	3.7904e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	7.2495e+01	1.2191e+01	5.4956e+00
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	7.8949e+01	7.9883e+00	1.1869e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	6.9952e+01	6.9613e+00	8.5618e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	6.7104e+01	8.4965e+00	7.0051e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	7.5121e+01	1.0555e+01	1.0312e+01
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	8.4988e+01	1.8650e+00	1.3913e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	7.5327e+01	2.4093e+00	9.5655e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	7.1642e+01	4.8615e+00	9.3579e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	7.9897e+01	5.8171e+00	1.3706e+01
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	9.1136e+01	-4.6664e+00	1.3227e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	8.0941e+01	-2.5566e+00	8.8659e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	7.7248e+01	-9.0713e-02	1.0257e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	8.6025e+01	-7.3819e-01	1.4619e+01
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	9.5442e+01	-9.0859e+00	1.0052e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	8.5582e+01	-6.0592e+00	6.9067e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	8.2599e+01	-4.6588e+00	9.5239e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	9.2077e+01	-6.8189e+00	1.2669e+01
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	9.1515e+01	-1.1717e+01	-6.1104e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	8.5142e+01	-8.1086e+00	-4.7677e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	8.6228e+01	-8.5180e+00	-4.6401e-01
	610	0.0000e+00	0.0000e+00	0.0000e+00	9.3139e+01	-1.3439e+01	-1.8068e+00
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	8.7072e+01	-3.5303e+00	-9.9708e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	8.1536e+01	-2.7927e+00	-6.6525e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	8.3753e+01	-6.1486e+00	-4.6013e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	9.1552e+01	-9.4762e+00	-7.9195e+00
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	8.2735e+01	6.4983e+00	-8.7413e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	7.7372e+01	4.5544e+00	-5.3895e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	7.9802e+01	2.0237e-01	-6.1892e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	8.7071e+01	-1.5663e-01	-9.5410e+00
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	8.0153e+01	1.4498e+01	-3.5895e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	7.4543e+01	1.0853e+01	-1.5270e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	7.6071e+01	7.2309e+00	-4.5050e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	8.2787e+01	9.4877e+00	-6.5675e+00
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	8.0007e+01	1.8504e+01	3.6585e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	7.4047e+01	1.4192e+01	3.8356e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	7.4043e+01	1.2390e+01	-2.6959e-01
	606	0.0000e+00	0.0000e+00	0.0000e+00	8.0368e+01	1.6214e+01	-4.4666e-01

1977	604	0.0000e+00	0.0000e+00	0.0000e+00	8.2492e+01	1.7738e+01	1.1293e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	7.6201e+01	1.3782e+01	9.4141e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	7.4451e+01	1.4242e+01	5.2446e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	8.0449e+01	1.8549e+01	7.1233e+00
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	8.7532e+01	1.2183e+01	1.7674e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	8.0851e+01	9.6890e+00	1.3849e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	7.7511e+01	1.2278e+01	1.0693e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	8.3153e+01	1.6040e+01	1.4518e+01
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	9.4536e+01	2.8264e+00	2.1042e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	8.7320e+01	2.9014e+00	1.5810e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	8.2970e+01	6.8434e+00	1.4765e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	8.8327e+01	8.9905e+00	1.9997e+01
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	1.0188e+02	-7.5872e+00	1.9832e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	9.4168e+01	-4.4902e+00	1.4465e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	8.9882e+01	-6.0208e-01	1.6288e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	9.5328e+01	-1.1189e+00	2.1656e+01
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	1.0649e+02	-1.4542e+01	1.3970e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	9.9764e+01	-9.6391e+00	1.0350e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	9.6399e+01	-7.4380e+00	1.4576e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	1.0255e+02	-1.0910e+01	1.8196e+01
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	9.3018e+01	-1.9124e+01	-9.8603e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	9.4867e+01	-1.3747e+01	-7.7133e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	9.6383e+01	-1.5385e+01	-9.7898e-01
	599	0.0000e+00	0.0000e+00	0.0000e+00	9.5835e+01	-2.3355e+01	-3.1260e+00
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	8.7207e+01	-4.1481e+00	-1.5568e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	8.9535e+01	-3.9996e+00	-1.0888e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	9.2489e+01	-1.0153e+01	-8.6358e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	9.3698e+01	-1.4469e+01	-1.3316e+01
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	8.2712e+01	1.1222e+01	-1.2803e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	8.4016e+01	7.6547e+00	-8.7910e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	8.7068e+01	5.6015e-01	-1.1069e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	8.7757e+01	1.5068e+00	-1.5080e+01
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	8.0537e+01	2.2316e+01	-5.1323e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	8.0629e+01	1.6687e+01	-2.9290e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	8.2461e+01	1.1262e+01	-8.0074e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	8.3151e+01	1.5698e+01	-1.0211e+01
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	8.0579e+01	2.7558e+01	4.6947e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	8.0005e+01	2.1068e+01	4.9183e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	8.0096e+01	1.8633e+01	-1.4219e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	8.0940e+01	2.4707e+01	-1.6454e+00
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	8.2749e+01	2.6457e+01	1.4874e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	8.2178e+01	2.0148e+01	1.3116e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	8.0394e+01	2.1171e+01	6.6872e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	8.0984e+01	2.7603e+01	8.4457e+00
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	8.7194e+01	1.8810e+01	2.3755e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	8.7057e+01	1.3980e+01	1.9976e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	8.3486e+01	1.8340e+01	1.4645e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	8.3138e+01	2.4074e+01	1.8425e+01
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	9.4075e+01	5.0133e+00	2.9110e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	9.4264e+01	3.5670e+00	2.3433e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	8.9383e+01	1.0298e+01	2.0787e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	8.7498e+01	1.4097e+01	2.6463e+01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	1.0235e+02	-1.2093e+01	2.7882e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	1.0241e+02	-8.2869e+00	2.1400e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	9.7495e+01	-1.4307e+00	2.3252e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	9.4186e+01	-1.2951e+00	2.9734e+01
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	1.0692e+02	-2.4181e+01	1.8121e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	1.0920e+02	-1.6622e+01	1.3981e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	1.0554e+02	-1.2827e+01	2.0396e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	1.0222e+02	-1.7981e+01	2.4536e+01
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	7.4301e+01	-3.0039e+01	-1.5392e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	9.3704e+01	-2.3438e+01	-1.1769e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	9.6017e+01	-2.7820e+01	-1.8794e+00

	588	0.0000e+00	0.0000e+00	0.0000e+00	7.9298e+01	-4.0819e+01	-5.5017e+00
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	6.9119e+01	-2.0343e+00	-2.1380e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	8.5691e+01	-4.9275e+00	-1.5619e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	8.9657e+01	-1.6526e+01	-1.4743e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	7.6781e+01	-2.1154e+01	-2.0504e+01
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	6.7736e+01	1.9116e+01	-1.5204e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	7.9861e+01	1.2909e+01	-1.2049e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	8.3227e+01	1.4742e+00	-1.6926e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	7.0737e+01	4.9332e+00	-2.0081e+01
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	6.8007e+01	3.2778e+01	-5.3767e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	7.7302e+01	2.4992e+01	-4.0948e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	7.8935e+01	1.7174e+01	-1.1448e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	6.8961e+01	2.3961e+01	-1.2729e+01
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	6.8821e+01	3.8802e+01	5.9006e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	7.7107e+01	3.0345e+01	5.9143e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	7.7180e+01	2.7161e+01	-2.4039e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	6.8776e+01	3.5189e+01	-2.4176e+00
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	6.9819e+01	3.7179e+01	1.7415e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	7.8836e+01	2.8785e+01	1.6362e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	7.7428e+01	3.0546e+01	7.9446e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	6.9102e+01	3.8833e+01	8.9978e+00
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	7.1272e+01	2.7509e+01	2.8025e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	8.2572e+01	2.0166e+01	2.5708e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	7.9584e+01	2.6951e+01	1.8064e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	6.9584e+01	3.4758e+01	2.0380e+01
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	7.4217e+01	8.9927e+00	3.5850e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	8.8856e+01	4.8260e+00	3.1646e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	8.4085e+01	1.6022e+01	2.6311e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	7.0504e+01	2.2429e+01	3.0514e+01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	8.1363e+01	-1.8301e+01	3.6831e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	9.7323e+01	-1.4389e+01	2.9946e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	9.1859e+01	-1.8404e+00	3.0283e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	7.2931e+01	1.4046e+00	3.7168e+01
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	8.4913e+01	-4.1374e+01	2.2274e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	1.0574e+02	-2.9042e+01	1.7442e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	1.0184e+02	-2.2099e+01	2.6819e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	7.9058e+01	-2.8351e+01	3.1651e+01
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	1.4889e+01	-4.9664e+01	-2.2370e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	6.9578e+01	-3.7773e+01	-1.7980e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	7.1585e+01	-4.9983e+01	-4.1007e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	2.1741e+01	-6.5600e+01	-8.4902e+00
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	2.3575e+01	-6.0548e+00	-2.0440e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	6.0985e+01	-1.4714e+00	-2.0039e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	6.0118e+01	-2.5276e+01	-2.4832e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	2.5251e+01	-1.1193e+01	-2.5233e+01
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	3.2075e+01	2.2644e+01	-1.1899e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	5.9580e+01	2.1362e+01	-1.3833e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	5.8893e+01	3.8236e+00	-2.1890e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	2.8858e+01	1.8509e+01	-1.9956e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	3.7789e+01	4.0374e+01	-2.6993e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	6.0385e+01	3.5383e+01	-4.3186e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	5.9195e+01	2.4727e+01	-1.3267e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	3.5711e+01	3.7471e+01	-1.1648e+01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	4.0260e+01	4.9184e+01	7.3318e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	6.1109e+01	4.1144e+01	6.6903e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	6.0422e+01	3.7143e+01	-2.6764e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	3.9652e+01	4.7667e+01	-2.0349e+00
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	3.9330e+01	4.9538e+01	1.7563e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	6.1207e+01	3.8820e+01	1.8074e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	6.1244e+01	4.1472e+01	8.6197e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	4.0326e+01	4.9491e+01	8.1083e+00
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	3.4950e+01	4.1184e+01	2.7327e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	6.0800e+01	2.7918e+01	2.8921e+01

	582	0.0000e+00	0.0000e+00	0.0000e+00	6.1420e+01	3.7664e+01	1.9698e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	3.7547e+01	4.2676e+01	1.8105e+01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	2.7256e+01	2.3166e+01	3.5892e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	6.1145e+01	7.4431e+00	3.7981e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	6.1379e+01	2.4992e+01	2.9431e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	3.1238e+01	2.6215e+01	2.7342e+01
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	2.2386e+01	-7.1610e+00	4.1611e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	6.2855e+01	-2.2981e+01	4.1507e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	6.3377e+01	2.2717e+00	3.5974e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	2.1653e+01	-2.5838e+00	3.6078e+01
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	1.7564e+01	-6.4724e+01	2.5219e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	7.4620e+01	-5.1279e+01	2.1110e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	7.2563e+01	-3.5935e+01	3.4310e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	1.1328e+01	-4.8651e+01	3.8419e+01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	-7.5225e+01	7.5837e+01	1.3457e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	-3.2331e+01	-4.8686e+01	2.7935e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	4.9058e+01	-8.5772e+01	-1.0674e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.7814e+02	-1.8360e+02	-1.0631e-02
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	-4.1932e+01	7.8380e+01	4.9181e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	-9.3551e+00	2.1713e+00	-5.9992e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	1.0212e-01	-2.5694e+01	-7.9904e+00
	576	0.0000e+00	0.0000e+00	0.0000e+00	-7.3424e+01	-9.7957e+01	2.9269e+00
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	-2.1526e+01	8.1788e+01	3.3293e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	7.4501e+00	2.7293e+01	-3.0404e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.4310e+01	1.1047e+01	-5.7112e+00
	574	0.0000e+00	0.0000e+00	0.0000e+00	-4.1243e+01	-3.8155e+01	6.5856e-01
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	-1.0948e+01	7.7780e+01	4.7149e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	1.8089e+01	4.3141e+01	1.5729e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	2.2277e+01	3.3892e+01	-2.2116e+00
	572	0.0000e+00	0.0000e+00	0.0000e+00	-2.1479e+01	6.7538e+00	9.3043e-01
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	-8.3962e+00	6.5647e+01	7.6953e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	2.3552e+01	5.0088e+01	7.2050e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	2.5445e+01	4.6802e+01	2.8285e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	-1.1279e+01	3.9916e+01	3.3188e+00
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	-1.3410e+01	4.4146e+01	1.0851e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	2.4206e+01	4.8219e+01	1.2880e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	2.3825e+01	5.0710e+01	8.5713e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	-8.9349e+00	6.3322e+01	6.5427e+00
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	-2.6679e+01	1.1447e+01	1.2829e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	1.9969e+01	3.6914e+01	1.7659e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	1.7196e+01	4.5715e+01	1.4075e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-1.4156e+01	7.8286e+01	9.2441e+00
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	-5.0429e+01	-3.4998e+01	1.2350e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	1.0539e+01	1.4649e+01	2.0750e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	4.8744e+00	3.1208e+01	1.8374e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-2.7812e+01	8.5564e+01	9.9746e+00
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	-8.8075e+01	-9.9019e+01	9.1238e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	-5.8575e+00	-2.3279e+01	2.2619e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-1.4474e+01	6.2501e+00	2.0884e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-5.2221e+01	8.5429e+01	7.3887e+00
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.0195e+02	-1.9302e+02	1.1209e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	4.1640e+01	-8.7328e+01	2.5117e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	-4.1185e+01	-4.6765e+01	1.1448e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-9.1051e+01	8.6021e+01	-2.4591e+00
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	5.1709e+01	-5.3652e+00	2.9329e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	5.3340e+01	-2.2379e-02	2.5759e+00
	19	0.0000e+00	0.0000e+00	0.0000e+00	4.4270e+01	-1.7974e+01	1.6485e+00
	548	0.0000e+00	0.0000e+00	0.0000e+00	6.0058e+01	-1.0793e+01	2.0055e+00
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	5.1567e+01	2.7807e+00	3.2447e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	5.4649e+01	2.7211e+00	3.5071e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	5.4977e+01	-1.8957e+00	3.5532e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	5.1769e+01	-2.0467e+00	3.2908e+00
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	5.0487e+01	6.1918e+00	2.1587e+00

	555	0.0000e+00	0.0000e+00	0.0000e+00	5.3862e+01	6.5737e+00	3.1863e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	5.4883e+01	3.8964e+00	3.4957e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	5.1540e+01	3.6650e+00	2.4681e+00
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	4.9237e+01	8.2871e+00	1.1107e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	5.2654e+01	8.9106e+00	2.1101e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	5.3734e+01	7.4806e+00	2.6558e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	5.0175e+01	7.0225e+00	1.6564e+00
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	4.8501e+01	8.9165e+00	5.7560e-02
	553	0.0000e+00	0.0000e+00	0.0000e+00	5.1948e+01	9.6230e+00	5.4580e-01
	554	0.0000e+00	0.0000e+00	0.0000e+00	5.2469e+01	9.3720e+00	1.2306e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	4.8965e+01	8.7214e+00	7.4232e-01
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	4.8550e+01	8.0092e+00	-9.1602e-01
	552	0.0000e+00	0.0000e+00	0.0000e+00	5.2045e+01	8.6081e+00	-1.0858e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	5.1837e+01	9.5228e+00	-4.3313e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	4.8415e+01	8.8283e+00	-2.6337e-01
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	4.9207e+01	5.6280e+00	-1.7316e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	5.2716e+01	5.9784e+00	-2.3635e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	5.2003e+01	7.9709e+00	-1.9103e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	4.8644e+01	7.4231e+00	-1.2784e+00
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	4.9922e+01	1.8530e+00	-2.3895e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	5.3168e+01	1.9412e+00	-2.9625e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	5.2608e+01	4.9675e+00	-2.7925e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	4.9325e+01	4.7189e+00	-2.2195e+00
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	4.9452e+01	-3.8508e+00	-3.0226e+00
	549	0.0000e+00	0.0000e+00	0.0000e+00	5.2401e+01	-3.8443e+00	-2.7361e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	5.2693e+01	7.7930e-01	-2.8423e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	4.9739e+01	9.9620e-01	-3.1288e+00
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	5.6325e+01	-1.2070e+01	-1.6209e+00
	18	0.0000e+00	0.0000e+00	0.0000e+00	4.1512e+01	-1.8972e+01	-6.7616e-01
	549	0.0000e+00	0.0000e+00	0.0000e+00	5.0588e+01	-2.0084e+00	-1.7243e+00
	539	0.0000e+00	0.0000e+00	0.0000e+00	4.9156e+01	-6.8336e+00	-2.6691e+00
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	5.9036e+01	-4.4973e+00	7.3676e-01
	547	0.0000e+00	0.0000e+00	0.0000e+00	5.4140e+01	-5.4435e+00	3.1260e+00
	548	0.0000e+00	0.0000e+00	0.0000e+00	5.6794e+01	-8.5291e+00	1.6315e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	6.1204e+01	-6.5133e+00	-7.5781e-01
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	5.4929e+01	1.2437e+00	5.2410e-01
	546	0.0000e+00	0.0000e+00	0.0000e+00	5.2213e+01	1.6456e+00	2.8349e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	5.4487e+01	-1.2418e+00	3.5015e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	5.7319e+01	-2.1610e+00	1.1907e+00
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	5.2032e+01	5.1396e+00	-3.8851e-02
	545	0.0000e+00	0.0000e+00	0.0000e+00	5.0463e+01	5.6251e+00	1.7015e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	5.1814e+01	3.6547e+00	2.4555e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	5.4194e+01	2.6460e+00	7.1512e-01
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	5.0118e+01	7.4694e+00	-3.9815e-01
	544	0.0000e+00	0.0000e+00	0.0000e+00	4.8990e+01	7.8577e+00	8.4223e-01
	545	0.0000e+00	0.0000e+00	0.0000e+00	5.0045e+01	6.7832e+00	1.3903e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	5.1566e+01	6.0854e+00	1.4990e-01
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	4.9219e+01	8.1763e+00	-5.2207e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	4.8205e+01	8.5475e+00	1.8724e-02
	544	0.0000e+00	0.0000e+00	0.0000e+00	4.8690e+01	8.3910e+00	4.4381e-01
	533	0.0000e+00	0.0000e+00	0.0000e+00	4.9825e+01	7.9197e+00	-9.6986e-02
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	4.9431e+01	7.2456e+00	-5.8238e-01
	542	0.0000e+00	0.0000e+00	0.0000e+00	4.8287e+01	7.7009e+00	-8.2015e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	4.8107e+01	8.4578e+00	-4.0660e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	4.9131e+01	8.0935e+00	-1.6884e-01
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	5.0634e+01	4.7742e+00	-8.0637e-01
	541	0.0000e+00	0.0000e+00	0.0000e+00	4.9089e+01	5.4305e+00	-1.6952e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	4.8386e+01	7.0128e+00	-1.1830e+00
	531	0.0000e+00	0.0000e+00	0.0000e+00	4.9543e+01	6.6539e+00	-2.9412e-01
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	5.2614e+01	9.6394e-01	-1.3297e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	5.0206e+01	1.9003e+00	-2.6291e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	4.9291e+01	4.1914e+00	-1.9390e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	5.0906e+01	3.7602e+00	-6.3961e-01

2040	528	0.0000e+00	0.0000e+00	0.0000e+00	5.4969e+01	-3.8103e+00	-1.7376e+00
	539	0.0000e+00	0.0000e+00	0.0000e+00	5.2061e+01	-2.9983e+00	-3.4853e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	5.0369e+01	-6.1016e-02	-2.9088e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	5.3134e+01	-3.9158e-01	-1.1611e+00
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	5.7900e+01	-7.6375e+00	2.8636e-01
	538	0.0000e+00	0.0000e+00	0.0000e+00	5.3601e+01	-9.7674e+00	-1.4813e+00
	539	0.0000e+00	0.0000e+00	0.0000e+00	5.1500e+01	-6.9110e+00	-3.0567e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	5.6434e+01	-5.9187e+00	-1.2890e+00
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	6.7520e+01	-3.7163e+00	-3.0124e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	6.0416e+01	-3.6841e+00	-6.5150e-01
	537	0.0000e+00	0.0000e+00	0.0000e+00	6.2867e+01	-5.4854e+00	-7.4997e-01
	526	0.0000e+00	0.0000e+00	0.0000e+00	6.9834e+01	-5.2580e+00	-3.1108e+00
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	6.3323e+01	6.1951e-01	-3.2028e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	5.6823e+01	1.1824e+00	-2.1959e-01
	536	0.0000e+00	0.0000e+00	0.0000e+00	5.9791e+01	-1.6231e+00	2.5812e-01
	525	0.0000e+00	0.0000e+00	0.0000e+00	6.6376e+01	-2.0069e+00	-2.7250e+00
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	5.9489e+01	4.8095e+00	-3.1013e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	5.3772e+01	5.0518e+00	-5.7173e-01
	535	0.0000e+00	0.0000e+00	0.0000e+00	5.6006e+01	3.0357e+00	-7.9123e-02
	524	0.0000e+00	0.0000e+00	0.0000e+00	6.2360e+01	2.3018e+00	-2.6087e+00
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	5.6813e+01	7.6378e+00	-2.3828e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	5.1568e+01	7.5406e+00	-6.5632e-01
	534	0.0000e+00	0.0000e+00	0.0000e+00	5.3037e+01	6.4233e+00	-5.0801e-01
	523	0.0000e+00	0.0000e+00	0.0000e+00	5.8829e+01	6.0323e+00	-2.2345e+00
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	5.5638e+01	8.5956e+00	-1.1674e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	5.0503e+01	8.3935e+00	-4.7259e-01
	533	0.0000e+00	0.0000e+00	0.0000e+00	5.1105e+01	8.2156e+00	-5.8688e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	5.6438e+01	8.2401e+00	-1.2817e+00
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	5.6067e+01	7.5496e+00	1.1967e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	5.0717e+01	7.5481e+00	-2.8767e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	5.0415e+01	8.3064e+00	-3.9181e-01
	521	0.0000e+00	0.0000e+00	0.0000e+00	5.5546e+01	8.5112e+00	1.5531e-02
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	5.7936e+01	4.6951e+00	1.0132e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	5.2117e+01	5.1215e+00	-3.7423e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	5.0998e+01	6.7244e+00	-1.9954e-01
	520	0.0000e+00	0.0000e+00	0.0000e+00	5.6255e+01	6.8046e+00	1.1879e+00
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	6.0828e+01	6.0311e-01	1.2976e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	5.4444e+01	1.3681e+00	-7.9529e-01
	530	0.0000e+00	0.0000e+00	0.0000e+00	5.2651e+01	3.6787e+00	-2.7273e-01
	519	0.0000e+00	0.0000e+00	0.0000e+00	5.8396e+01	3.4081e+00	1.8201e+00
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	6.4043e+01	-3.6352e+00	1.3300e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	5.7440e+01	-3.2497e+00	-1.0866e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	5.5031e+01	-4.3346e-01	-5.9826e-01
	518	0.0000e+00	0.0000e+00	0.0000e+00	6.1574e+01	-1.0158e+00	1.8183e+00
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	6.6603e+01	-6.2856e+00	1.7102e+00
	527	0.0000e+00	0.0000e+00	0.0000e+00	5.9595e+01	-6.5879e+00	1.4239e-02
	528	0.0000e+00	0.0000e+00	0.0000e+00	5.7811e+01	-5.0781e+00	-1.2111e-01
	517	0.0000e+00	0.0000e+00	0.0000e+00	6.4964e+01	-5.1122e+00	1.5748e+00
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	8.0087e+01	-4.1646e+00	-6.9459e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	7.0667e+01	-3.1658e+00	-4.4402e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	7.3114e+01	-4.5856e+00	-3.2284e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	8.2698e+01	-5.9885e+00	-5.7340e+00
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	7.5447e+01	5.5502e-01	-7.6782e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	6.6515e+01	1.0426e+00	-4.3103e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	6.9580e+01	-1.3495e+00	-3.5086e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	7.9180e+01	-2.4507e+00	-6.8765e+00
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	7.0859e+01	5.6109e+00	-6.9923e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	6.2485e+01	5.2889e+00	-3.8006e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	6.5269e+01	3.0825e+00	-3.6895e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	7.4516e+01	2.5403e+00	-6.8812e+00
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	6.7508e+01	9.3198e+00	-4.8754e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	5.9488e+01	8.3364e+00	-2.6266e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	6.1402e+01	6.9450e+00	-3.2626e+00

	512	0.0000e+00	0.0000e+00	0.0000e+00	7.0132e+01	7.2219e+00	-5.5113e+00
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	6.6071e+01	1.0689e+01	-1.8361e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	5.8079e+01	9.4850e+00	-9.5975e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	5.8840e+01	9.2019e+00	-2.0520e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	6.7079e+01	1.0162e+01	-2.9283e+00
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	6.6752e+01	9.3998e+00	1.3172e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	5.8473e+01	8.5068e+00	6.9998e-01
	521	0.0000e+00	0.0000e+00	0.0000e+00	5.8002e+01	9.3893e+00	-3.5912e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	6.5977e+01	1.0595e+01	2.5808e-01
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	6.9324e+01	5.7429e+00	3.7550e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	6.0533e+01	5.5902e+00	1.8179e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	5.8960e+01	7.4769e+00	1.2761e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	6.6988e+01	8.3978e+00	3.2133e+00
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	7.3106e+01	6.6498e-01	4.8925e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	6.3779e+01	1.3601e+00	2.1164e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	6.1432e+01	3.8526e+00	2.3628e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	6.9850e+01	4.0593e+00	5.1390e+00
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	7.6975e+01	-4.2157e+00	4.6302e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	6.7317e+01	-2.9933e+00	1.8242e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	6.4804e+01	-6.2389e-01	2.7551e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	7.3825e+01	-1.2462e+00	5.5611e+00
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	7.9633e+01	-6.9676e+00	3.3545e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	6.9827e+01	-5.6091e+00	1.5477e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	6.8131e+01	-4.5448e+00	2.7998e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	7.7682e+01	-5.6678e+00	4.6067e+00
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	9.4233e+01	-6.0752e+00	-1.1309e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	8.4405e+01	-3.9940e+00	-8.4763e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	8.7081e+01	-5.7203e+00	-5.9280e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	9.7275e+01	-8.6894e+00	-8.7609e+00
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	8.8729e+01	5.5209e-01	-1.3026e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	7.9532e+01	1.0417e+00	-9.0006e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	8.2887e+01	-1.8327e+00	-7.7498e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	9.3498e+01	-3.8219e+00	-1.1775e+01
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	8.3247e+01	7.7063e+00	-1.1741e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	7.4494e+01	6.5196e+00	-7.7976e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	7.7774e+01	3.6150e+00	-8.2218e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	8.7925e+01	3.2690e+00	-1.2165e+01
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	7.9268e+01	1.2992e+01	-7.8568e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	7.0666e+01	1.0654e+01	-5.0621e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	7.3010e+01	8.6742e+00	-6.8960e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	8.2565e+01	9.9701e+00	-9.6907e+00
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	7.7631e+01	1.5015e+01	-2.4783e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	6.8899e+01	1.2288e+01	-1.4234e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	6.9814e+01	1.1800e+01	-4.0104e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	7.8845e+01	1.4200e+01	-5.0654e+00
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	7.8594e+01	1.3315e+01	3.0694e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	6.9492e+01	1.1026e+01	2.2202e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	6.8835e+01	1.2172e+01	-3.1212e-01
	499	0.0000e+00	0.0000e+00	0.0000e+00	7.7538e+01	1.4902e+01	5.3703e-01
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	8.1924e+01	8.2358e+00	7.4707e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	7.2248e+01	7.1571e+00	4.9279e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	7.0210e+01	9.6758e+00	3.2552e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	7.8830e+01	1.1912e+01	5.7979e+00
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	8.6786e+01	1.0428e+00	9.5682e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	7.6452e+01	1.6849e+00	5.9781e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	7.3578e+01	4.8845e+00	5.8039e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	8.2415e+01	5.8719e+00	9.3939e+00
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	9.1646e+01	-5.9287e+00	8.7141e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	8.0845e+01	-3.6457e+00	5.2064e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	7.8015e+01	-8.5242e-01	6.7362e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	8.7396e+01	-1.6014e+00	1.0244e+01
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	9.4661e+01	-9.7877e+00	5.3444e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	8.3917e+01	-6.7234e+00	3.2260e+00

	506	0.0000e+00	0.0000e+00	0.0000e+00	8.2091e+01	-5.5079e+00	5.9665e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	9.2211e+01	-7.8747e+00	8.0849e+00
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	1.0513e+02	-9.9675e+00	-1.6289e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	9.8692e+01	-6.6023e+00	-1.3030e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.0168e+02	-9.2100e+00	-8.8811e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	1.0872e+02	-1.4068e+01	-1.2139e+01
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	9.8519e+01	5.4344e-01	-1.9462e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	9.2728e+01	8.2498e-01	-1.4468e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	9.6617e+01	-3.5660e+00	-1.2838e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	1.0471e+02	-6.5148e+00	-1.7832e+01
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	9.2223e+01	1.1412e+01	-1.7307e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	8.6459e+01	8.9156e+00	-1.2519e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	9.0346e+01	4.4332e+00	-1.3879e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	9.7999e+01	4.6314e+00	-1.8667e+01
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	8.7908e+01	1.9126e+01	-1.1164e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	8.1797e+01	1.4935e+01	-7.8979e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	8.4568e+01	1.1839e+01	-1.1463e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	9.1728e+01	1.4712e+01	-1.4728e+01
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	8.6253e+01	2.2076e+01	-3.0025e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	7.9728e+01	1.7306e+01	-1.8285e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	8.0773e+01	1.6450e+01	-6.4576e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	8.7578e+01	2.0853e+01	-7.6316e+00
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	8.7436e+01	1.9813e+01	5.3565e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	8.0532e+01	1.5553e+01	4.3055e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	7.9678e+01	1.7160e+01	-2.5455e-01
	488	0.0000e+00	0.0000e+00	0.0000e+00	8.6169e+01	2.1937e+01	7.9649e-01
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	9.1349e+01	1.2633e+01	1.2181e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	8.3998e+01	1.0055e+01	9.0631e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	8.1455e+01	1.3770e+01	5.7104e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	8.7599e+01	1.7836e+01	8.8278e+00
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	9.7330e+01	1.8837e+00	1.5628e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	8.9352e+01	2.1308e+00	1.1061e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	8.5785e+01	6.9452e+00	1.0059e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	9.1681e+01	9.1795e+00	1.4625e+01
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	1.0356e+02	-9.2211e+00	1.4109e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	9.5051e+01	-5.7475e+00	9.4976e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	9.1603e+01	-1.5006e+00	1.1585e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	9.7697e+01	-2.1642e+00	1.6197e+01
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	1.0707e+02	-1.5568e+01	7.7479e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	9.9000e+01	-1.0360e+01	5.1230e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	9.6904e+01	-8.4810e+00	9.6978e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	1.0387e+02	-1.2340e+01	1.2323e+01
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	1.0502e+02	-1.6833e+01	-2.2047e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	1.0824e+02	-1.1809e+01	-1.8282e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	1.1148e+02	-1.6119e+01	-1.1937e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	1.0938e+02	-2.3669e+01	-1.5702e+01
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	9.7592e+01	8.3461e-01	-2.6915e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	1.0078e+02	3.7348e-01	-2.0805e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	1.0526e+02	-7.1180e+00	-1.9205e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	1.0544e+02	-1.0749e+01	-2.5315e+01
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	9.1612e+01	1.7202e+01	-2.3019e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	9.3337e+01	1.2923e+01	-1.7789e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	9.7727e+01	5.5352e+00	-2.0860e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	9.7780e+01	7.3425e+00	-2.6091e+01
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	8.8091e+01	2.7995e+01	-1.4153e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	8.8271e+01	2.1670e+01	-1.0928e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	9.1247e+01	1.6728e+01	-1.6807e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	9.1622e+01	2.2055e+01	-2.0032e+01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	8.6918e+01	3.2046e+01	-3.2232e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	8.6197e+01	2.4955e+01	-2.1475e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	8.7255e+01	2.3522e+01	-9.2002e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	8.8030e+01	3.0408e+01	-1.0276e+01
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	8.8017e+01	2.9216e+01	7.8643e+00



	487	0.0000e+00	0.0000e+00	0.0000e+00	8.7128e+01	2.2473e+01	6.8070e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	8.6161e+01	2.4775e+01	-1.7732e-01
	477	0.0000e+00	0.0000e+00	0.0000e+00	8.6851e+01	3.1874e+01	8.7998e-01
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	9.1570e+01	1.9614e+01	1.7362e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	9.0958e+01	1.4601e+01	1.4144e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	8.8082e+01	2.0277e+01	8.4840e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	8.7949e+01	2.6480e+01	1.1702e+01
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	9.7761e+01	3.9659e+00	2.2912e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	9.7251e+01	2.7058e+00	1.7685e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	9.3013e+01	1.0511e+01	1.5028e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	9.1449e+01	1.4517e+01	2.0255e+01
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	1.0538e+02	-1.4334e+01	2.1291e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	1.0453e+02	-9.9152e+00	1.5280e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	1.0028e+02	-2.5984e+00	1.7508e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	9.7491e+01	-2.5944e+00	2.3519e+01
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	1.0938e+02	-2.5969e+01	1.0635e+01
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.0983e+02	-1.7703e+01	7.2459e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	1.0741e+02	-1.4369e+01	1.4319e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	1.0496e+02	-2.0120e+01	1.7708e+01
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	8.1617e+01	-2.6983e+01	-2.8627e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	1.0468e+02	-2.0919e+01	-2.4116e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	1.0818e+02	-2.8522e+01	-1.4784e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	8.7222e+01	-4.0952e+01	-1.9295e+01
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	7.6039e+01	4.1504e+00	-3.3756e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	9.5227e+01	4.2577e-01	-2.7186e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	1.0029e+02	-1.2941e+01	-2.7183e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	8.4232e+01	-1.6671e+01	-3.3753e+01
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	7.4268e+01	2.6377e+01	-2.6350e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	8.8096e+01	1.9335e+01	-2.2549e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	9.2412e+01	7.3427e+00	-2.8422e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	7.7623e+01	1.1940e+01	-3.2223e+01
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	7.4052e+01	3.9664e+01	-1.5289e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	8.4374e+01	3.1107e+01	-1.3445e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	8.6821e+01	2.3669e+01	-2.1756e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	7.5326e+01	3.1582e+01	-2.3599e+01
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	7.4284e+01	4.4339e+01	-2.8678e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	8.3120e+01	3.5216e+01	-2.3476e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	8.3896e+01	3.3048e+01	-1.1517e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	7.4558e+01	4.2099e+01	-1.2037e+01
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	7.4673e+01	4.0767e+01	9.6459e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	8.3905e+01	3.1857e+01	9.0303e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	8.3091e+01	3.5005e+01	-9.1042e-02
	466	0.0000e+00	0.0000e+00	0.0000e+00	7.4244e+01	4.4171e+01	5.2457e-01
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	7.5597e+01	2.8840e+01	2.1045e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	8.6862e+01	2.1194e+01	1.9055e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	8.4345e+01	2.9500e+01	1.0904e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	7.4098e+01	3.8006e+01	1.2894e+01
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	7.8257e+01	8.0084e+00	2.9324e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	9.2596e+01	3.9002e+00	2.5269e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	8.8161e+01	1.6472e+01	1.9729e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	7.4508e+01	2.3342e+01	2.3784e+01
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	8.5582e+01	-2.1347e+01	3.0114e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	1.0075e+02	-1.6605e+01	2.3142e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	9.5562e+01	-3.3494e+00	2.3834e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	7.6696e+01	2.2258e-02	3.0806e+01
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	8.9443e+01	-4.4390e+01	1.4178e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.0825e+02	-3.0952e+01	9.5781e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	1.0532e+02	-2.4539e+01	1.9975e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	8.3085e+01	-3.1706e+01	2.4575e+01
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	1.2743e+01	-4.7395e+01	-3.5028e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	7.5054e+01	-3.4625e+01	-3.1129e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	7.6713e+01	-5.0893e+01	-1.7924e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	1.8953e+01	-6.4292e+01	-2.1823e+01

2103	456	0.0000e+00	0.0000e+00	0.0000e+00	2.3701e+01	4.7705e-01	-3.2098e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	6.6280e+01	5.1507e+00	-3.2316e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	6.5295e+01	-2.1242e+01	-3.8329e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	2.4246e+01	-4.6520e+00	-3.8111e+01
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	3.3858e+01	3.0752e+01	-2.2576e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	6.4858e+01	2.9112e+01	-2.5016e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	6.4162e+01	1.0600e+01	-3.4191e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	2.9630e+01	2.7144e+01	-3.1752e+01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	4.0585e+01	4.8381e+01	-1.2467e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	6.5503e+01	4.2739e+01	-1.4363e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	6.4431e+01	3.2274e+01	-2.4308e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	3.7829e+01	4.6340e+01	-2.2411e+01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	4.3567e+01	5.5990e+01	-1.5257e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	6.5889e+01	4.7111e+01	-2.2557e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	6.5450e+01	4.4079e+01	-1.2513e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	4.2533e+01	5.5528e+01	-1.1783e+01
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	4.2816e+01	5.4433e+01	9.5965e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	6.5555e+01	4.2784e+01	1.0131e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	6.5910e+01	4.6891e+01	-1.0619e-01
	450	0.0000e+00	0.0000e+00	0.0000e+00	4.3541e+01	5.5530e+01	-6.4099e-01
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	3.8443e+01	4.3751e+01	2.0191e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	6.4745e+01	2.9548e+01	2.1830e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	6.5665e+01	4.1009e+01	1.1949e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	4.0831e+01	4.6389e+01	1.0310e+01
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	3.0764e+01	2.3218e+01	2.9468e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	6.4897e+01	6.6489e+00	3.1504e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	6.5286e+01	2.5970e+01	2.2456e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	3.4485e+01	2.7332e+01	2.0420e+01
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	2.6375e+01	-9.6825e+00	3.5667e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	6.6883e+01	-2.5998e+01	3.5151e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	6.7273e+01	7.9942e-01	2.9434e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	2.4942e+01	-4.1854e+00	2.9950e+01
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	2.4148e+01	-7.1425e+01	1.7874e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	7.9154e+01	-5.4559e+01	1.2479e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	7.7489e+01	-4.0054e+01	2.7573e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	1.4925e+01	-5.3102e+01	3.2968e+01
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	-9.1262e+01	9.2200e+01	6.9809e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	-4.1002e+01	-4.5297e+01	-7.1137e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	4.3731e+01	-8.7210e+01	-2.1379e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-2.0444e+02	-1.9644e+02	-7.2840e+00
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	-5.1715e+01	9.2446e+01	-2.5460e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	-1.3455e+01	9.6378e+00	-1.6241e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	-4.3905e+00	-2.0938e+01	-1.8348e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-8.8421e+01	-9.9570e+01	-4.6532e+00
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	-2.7015e+01	9.3382e+01	-4.7225e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	6.5015e+00	3.5956e+01	-1.3137e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	1.2589e+01	1.8638e+01	-1.5927e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	-5.0085e+01	-3.3259e+01	-7.5127e+00
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	-1.3542e+01	8.6413e+01	-3.5287e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	1.9186e+01	5.1519e+01	-8.1895e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	2.2335e+01	4.2202e+01	-1.2226e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	-2.6099e+01	1.5307e+01	-7.5653e+00
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	-9.0324e+00	7.1037e+01	-3.8047e-01
	450	0.0000e+00	0.0000e+00	0.0000e+00	2.5902e+01	5.7148e+01	-2.0385e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	2.6585e+01	5.4447e+01	-6.7982e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	-1.3062e+01	4.9991e+01	-5.1402e+00
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.2736e+01	4.6214e+01	3.1818e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	2.7267e+01	5.3282e+01	4.2832e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	2.5558e+01	5.6776e+01	-4.9572e-01
	451	0.0000e+00	0.0000e+00	0.0000e+00	-8.8037e+00	7.3315e+01	-1.5971e+00
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	-2.5157e+01	1.0275e+01	5.7029e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	2.3397e+01	3.9561e+01	9.7740e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	1.9216e+01	4.9629e+01	5.6770e+00

	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.2759e+01	8.7034e+01	1.6059e+00
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	-4.8405e+01	-3.9205e+01	5.8303e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	1.4156e+01	1.4668e+01	1.3586e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	7.0213e+00	3.2654e+01	1.0687e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-2.5616e+01	9.2272e+01	2.9314e+00
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	-8.5853e+01	-1.0595e+02	3.2512e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	-2.1197e+00	-2.6089e+01	1.6203e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-1.2245e+01	5.1559e+00	1.3903e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	-4.9587e+01	8.9578e+01	9.5081e-01
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.0222e+02	-2.0259e+02	7.0884e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	4.8941e+01	-9.4778e+01	2.0084e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	-3.8905e+01	-5.0832e+01	4.6355e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-8.8149e+01	8.7591e+01	-8.3597e+00
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	4.9227e+01	-6.7359e+00	2.6688e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	5.0701e+01	-2.0208e+00	1.7167e+00
	16	0.0000e+00	0.0000e+00	0.0000e+00	4.1690e+01	-1.8659e+01	7.5177e-01
	431	0.0000e+00	0.0000e+00	0.0000e+00	5.6317e+01	-1.2031e+01	1.7039e+00
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	4.9804e+01	1.0074e+00	3.1028e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	5.2756e+01	7.9534e-01	2.8341e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	5.2480e+01	-3.7953e+00	2.7324e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	4.9537e+01	-3.8060e+00	3.0011e+00
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	4.9368e+01	4.7226e+00	2.1915e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	5.2645e+01	4.9735e+00	2.7792e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	5.3221e+01	1.9590e+00	2.9519e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	4.9979e+01	1.8678e+00	2.3641e+00
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	4.8667e+01	7.4253e+00	1.2487e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	5.2022e+01	7.9742e+00	1.8937e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	5.2747e+01	5.9869e+00	2.3488e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	4.9243e+01	5.6340e+00	1.7037e+00
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	4.8419e+01	8.8319e+00	2.3341e-01
	436	0.0000e+00	0.0000e+00	0.0000e+00	5.1839e+01	9.5263e+00	4.1511e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	5.2058e+01	8.6142e+00	1.0684e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	4.8567e+01	8.0138e+00	8.8672e-01
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	4.8954e+01	8.7268e+00	-7.7071e-01
	435	0.0000e+00	0.0000e+00	0.0000e+00	5.2455e+01	9.3764e+00	-1.2483e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	5.1945e+01	9.6291e+00	-5.6407e-01
	426	0.0000e+00	0.0000e+00	0.0000e+00	4.8500e+01	8.9226e+00	-8.6451e-02
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	5.0152e+01	7.0267e+00	-1.6819e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	5.3705e+01	7.4843e+00	-2.6725e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	5.2636e+01	8.9168e+00	-2.1278e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	4.9222e+01	8.2949e+00	-1.1372e+00
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	5.1512e+01	3.6594e+00	-2.4903e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	5.4841e+01	3.8932e+00	-3.5123e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	5.3829e+01	6.5770e+00	-3.2030e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	5.0461e+01	6.1978e+00	-2.1809e+00
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	5.1759e+01	-2.0833e+00	-3.3068e+00
	432	0.0000e+00	0.0000e+00	0.0000e+00	5.4919e+01	-1.9279e+00	-3.5723e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	5.4603e+01	2.7117e+00	-3.5247e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	5.1539e+01	2.7727e+00	-3.2591e+00
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	6.0119e+01	-1.0773e+01	-1.8754e+00
	15	0.0000e+00	0.0000e+00	0.0000e+00	4.4319e+01	-1.8256e+01	-1.5951e+00
	432	0.0000e+00	0.0000e+00	0.0000e+00	5.3263e+01	-3.7783e-02	-2.6359e+00
	422	0.0000e+00	0.0000e+00	0.0000e+00	5.1740e+01	-5.4578e+00	-2.9162e+00
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	5.6490e+01	-5.9020e+00	1.2738e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	5.1561e+01	-6.8421e+00	3.0577e+00
	431	0.0000e+00	0.0000e+00	0.0000e+00	5.3680e+01	-9.7590e+00	1.5133e+00
	420	0.0000e+00	0.0000e+00	0.0000e+00	5.7972e+01	-7.6384e+00	-2.7060e-01
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	5.3189e+01	-3.8166e-01	1.1268e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	5.0428e+01	-4.2046e-02	2.8742e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	5.2111e+01	-2.9677e+00	3.4642e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	5.5033e+01	-3.7973e+00	1.7167e+00
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	5.0952e+01	3.7621e+00	5.9514e-01
	428	0.0000e+00	0.0000e+00	0.0000e+00	4.9334e+01	4.1964e+00	1.9046e+00

	429	0.0000e+00	0.0000e+00	0.0000e+00	5.0259e+01	1.9119e+00	2.5983e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	5.2669e+01	9.7133e-01	1.2888e+00
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	4.9571e+01	6.6556e+00	2.4593e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	4.8410e+01	7.0152e+00	1.1477e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	4.9126e+01	5.4359e+00	1.6614e+00
	417	0.0000e+00	0.0000e+00	0.0000e+00	5.0676e+01	4.7774e+00	7.5960e-01
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	4.9141e+01	8.0991e+00	1.2153e-01
	426	0.0000e+00	0.0000e+00	0.0000e+00	4.8113e+01	8.4618e+00	3.7213e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	4.8306e+01	7.7059e+00	7.8506e-01
	416	0.0000e+00	0.0000e+00	0.0000e+00	4.9454e+01	7.2502e+00	5.3446e-01
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	4.9819e+01	7.9301e+00	5.4781e-02
	425	0.0000e+00	0.0000e+00	0.0000e+00	4.8681e+01	8.3977e+00	-4.7532e-01
	426	0.0000e+00	0.0000e+00	0.0000e+00	4.8206e+01	8.5544e+00	-5.3080e-02
	415	0.0000e+00	0.0000e+00	0.0000e+00	4.9224e+01	8.1852e+00	4.7702e-01
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	5.1551e+01	6.0987e+00	-1.8221e-01
	424	0.0000e+00	0.0000e+00	0.0000e+00	5.0026e+01	6.7904e+00	-1.4165e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	4.8976e+01	7.8661e+00	-8.7377e-01
	414	0.0000e+00	0.0000e+00	0.0000e+00	5.0109e+01	7.4823e+00	3.6048e-01
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	5.4182e+01	2.6578e+00	-7.2995e-01
	423	0.0000e+00	0.0000e+00	0.0000e+00	5.1795e+01	3.6555e+00	-2.4730e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	5.0441e+01	5.6304e+00	-1.7285e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	5.2018e+01	5.1527e+00	1.4497e-02
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	5.7321e+01	-2.1461e+00	-1.1667e+00
	422	0.0000e+00	0.0000e+00	0.0000e+00	5.4498e+01	-1.2634e+00	-3.4956e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	5.2193e+01	1.6363e+00	-2.8549e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	5.4926e+01	1.2493e+00	-5.2603e-01
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	6.1212e+01	-6.4706e+00	8.2291e-01
	421	0.0000e+00	0.0000e+00	0.0000e+00	5.6800e+01	-8.4909e+00	-1.5615e+00
	422	0.0000e+00	0.0000e+00	0.0000e+00	5.4152e+01	-5.4883e+00	-3.0894e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	5.9048e+01	-4.4806e+00	-7.0500e-01
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	6.5055e+01	-5.1296e+00	-1.5986e+00
	419	0.0000e+00	0.0000e+00	0.0000e+00	5.7885e+01	-5.0733e+00	1.1013e-01
	420	0.0000e+00	0.0000e+00	0.0000e+00	5.9685e+01	-6.5972e+00	-5.1194e-03
	409	0.0000e+00	0.0000e+00	0.0000e+00	6.6704e+01	-6.3125e+00	-1.7139e+00
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	6.1649e+01	-1.0250e+00	-1.8659e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	5.5096e+01	-4.3039e-01	5.5915e-01
	419	0.0000e+00	0.0000e+00	0.0000e+00	5.7510e+01	-3.2407e+00	1.0652e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	6.4130e+01	-3.6490e+00	-1.3598e+00
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	5.8454e+01	3.4026e+00	-1.8827e+00
	417	0.0000e+00	0.0000e+00	0.0000e+00	5.2702e+01	3.6788e+00	2.2154e-01
	418	0.0000e+00	0.0000e+00	0.0000e+00	5.4503e+01	1.3733e+00	7.5352e-01
	407	0.0000e+00	0.0000e+00	0.0000e+00	6.0900e+01	5.9519e-01	-1.3507e+00
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	5.6292e+01	6.8054e+00	-1.2564e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	5.1030e+01	6.7259e+00	1.4532e-01
	417	0.0000e+00	0.0000e+00	0.0000e+00	5.2161e+01	5.1244e+00	3.2311e-01
	406	0.0000e+00	0.0000e+00	0.0000e+00	5.7990e+01	4.6925e+00	-1.0786e+00
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	5.5563e+01	8.5216e+00	-8.1956e-02
	415	0.0000e+00	0.0000e+00	0.0000e+00	5.0427e+01	8.3129e+00	3.3988e-01
	416	0.0000e+00	0.0000e+00	0.0000e+00	5.0742e+01	7.5538e+00	2.3407e-01
	405	0.0000e+00	0.0000e+00	0.0000e+00	5.6100e+01	7.5548e+00	-1.8777e-01
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	5.6436e+01	8.2616e+00	1.2250e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	5.1101e+01	8.2285e+00	5.4236e-01
	415	0.0000e+00	0.0000e+00	0.0000e+00	5.0508e+01	8.4047e+00	4.2166e-01
	404	0.0000e+00	0.0000e+00	0.0000e+00	5.5650e+01	8.6108e+00	1.1044e+00
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	5.8814e+01	6.0648e+00	2.1964e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	5.3023e+01	6.4409e+00	4.7710e-01
	414	0.0000e+00	0.0000e+00	0.0000e+00	5.1558e+01	7.5572e+00	6.1334e-01
	403	0.0000e+00	0.0000e+00	0.0000e+00	5.6809e+01	7.6633e+00	2.3326e+00
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	6.2343e+01	2.3447e+00	2.6007e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	5.5994e+01	3.0541e+00	7.0980e-02
	413	0.0000e+00	0.0000e+00	0.0000e+00	5.3755e+01	5.0712e+00	5.4354e-01
	402	0.0000e+00	0.0000e+00	0.0000e+00	5.9476e+01	4.8441e+00	3.0732e+00
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	6.6365e+01	-1.9517e+00	2.7577e+00

	411	0.0000e+00	0.0000e+00	0.0000e+00	5.9785e+01	-1.5999e+00	-2.3007e-01
	412	0.0000e+00	0.0000e+00	0.0000e+00	5.6810e+01	1.2021e+00	2.1931e-01
	401	0.0000e+00	0.0000e+00	0.0000e+00	6.3309e+01	6.6329e-01	3.2071e+00
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	6.9833e+01	-5.1868e+00	3.1801e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	6.2862e+01	-5.4323e+00	8.1610e-01
	411	0.0000e+00	0.0000e+00	0.0000e+00	6.0414e+01	-3.6544e+00	6.9326e-01
	400	0.0000e+00	0.0000e+00	0.0000e+00	6.7510e+01	-3.6565e+00	3.0573e+00
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	7.7805e+01	-5.7141e+00	-4.6464e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	6.8233e+01	-4.5692e+00	-2.8277e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	6.9942e+01	-5.6423e+00	-1.5547e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	7.9767e+01	-7.0203e+00	-3.3734e+00
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	7.3926e+01	-1.2785e+00	-5.6284e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	6.4890e+01	-6.3997e-01	-2.8082e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	6.7415e+01	-3.0121e+00	-1.8582e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	7.7093e+01	-4.2563e+00	-4.6784e+00
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	6.9926e+01	4.0419e+00	-5.2247e+00
	406	0.0000e+00	0.0000e+00	0.0000e+00	6.1498e+01	3.8433e+00	-2.4322e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	6.3857e+01	1.3497e+00	-2.1735e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	7.3203e+01	6.3843e-01	-4.9660e+00
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	6.7038e+01	8.3969e+00	-3.3064e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	5.9002e+01	7.4767e+00	-1.3512e+00
	406	0.0000e+00	0.0000e+00	0.0000e+00	6.0591e+01	5.5873e+00	-1.8885e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	6.9396e+01	5.7320e+00	-3.8437e+00
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	6.6001e+01	1.0613e+01	-3.4768e-01
	404	0.0000e+00	0.0000e+00	0.0000e+00	5.8022e+01	9.4010e+00	2.8745e-01
	405	0.0000e+00	0.0000e+00	0.0000e+00	5.8507e+01	8.5139e+00	-7.7442e-01
	394	0.0000e+00	0.0000e+00	0.0000e+00	6.6798e+01	9.4062e+00	-1.4096e+00
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	6.7080e+01	1.0201e+01	2.8531e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	5.8839e+01	9.2269e+00	1.9924e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	5.8091e+01	9.5042e+00	8.9018e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	6.6091e+01	1.0715e+01	1.7509e+00
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	7.0115e+01	7.2822e+00	5.4622e+00
	402	0.0000e+00	0.0000e+00	0.0000e+00	6.1387e+01	6.9835e+00	3.2246e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	5.9480e+01	8.3686e+00	2.5708e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	6.7506e+01	9.3657e+00	4.8084e+00
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	7.4490e+01	2.6221e+00	6.8706e+00
	401	0.0000e+00	0.0000e+00	0.0000e+00	6.5248e+01	3.1342e+00	3.6841e+00
	402	0.0000e+00	0.0000e+00	0.0000e+00	6.2465e+01	5.3336e+00	3.7689e+00
	391	0.0000e+00	0.0000e+00	0.0000e+00	7.0842e+01	5.6777e+00	6.9554e+00
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	7.9155e+01	-2.3505e+00	6.9138e+00
	400	0.0000e+00	0.0000e+00	0.0000e+00	6.9560e+01	-1.2827e+00	3.5449e+00
	401	0.0000e+00	0.0000e+00	0.0000e+00	6.6493e+01	1.0991e+00	4.3143e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	7.5422e+01	6.4203e-01	7.6832e+00
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	8.2690e+01	-5.8787e+00	5.8199e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	7.3102e+01	-4.5027e+00	3.3052e+00
	400	0.0000e+00	0.0000e+00	0.0000e+00	7.0651e+01	-3.0955e+00	4.4865e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	8.0065e+01	-4.0608e+00	7.0012e+00
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	9.2365e+01	-7.9550e+00	-8.1434e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	8.2227e+01	-5.5623e+00	-6.0129e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	8.4065e+01	-6.7836e+00	-3.2458e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	9.4828e+01	-9.8749e+00	-5.3762e+00
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	8.7524e+01	-1.6600e+00	-1.0337e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	7.8129e+01	-8.9205e-01	-6.8111e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	8.0974e+01	-3.6924e+00	-5.2586e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	9.1796e+01	-6.0011e+00	-8.7849e+00
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	8.2512e+01	5.8401e+00	-9.5094e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	7.3664e+01	4.8625e+00	-5.8975e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	7.6557e+01	1.6551e+00	-6.0575e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	8.6909e+01	9.9442e-01	-9.6694e+00
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	7.8894e+01	1.1909e+01	-5.9214e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	7.0267e+01	9.6736e+00	-3.3558e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	7.2324e+01	7.1458e+00	-5.0236e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	8.2015e+01	8.2154e+00	-7.5892e+00

2166	382	0.0000e+00	0.0000e+00	0.0000e+00	7.7571e+01	1.4930e+01	-6.5504e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	6.8863e+01	1.2192e+01	2.1625e-01
	394	0.0000e+00	0.0000e+00	0.0000e+00	6.9539e+01	1.1035e+01	-2.3202e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	7.8653e+01	1.3324e+01	-3.1915e+00
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	7.8850e+01	1.4260e+01	4.9660e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	6.9816e+01	1.1843e+01	3.9310e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	6.8918e+01	1.2319e+01	1.3307e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	7.7659e+01	1.5055e+01	2.3658e+00
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	8.2546e+01	1.0066e+01	9.6238e+00
	391	0.0000e+00	0.0000e+00	0.0000e+00	7.2992e+01	8.7429e+00	6.8453e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	7.0660e+01	1.0709e+01	4.9886e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	7.9270e+01	1.3065e+01	7.7671e+00
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	8.7890e+01	3.3997e+00	1.2145e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	7.7743e+01	3.7085e+00	8.2128e+00
	391	0.0000e+00	0.0000e+00	0.0000e+00	7.4469e+01	6.5989e+00	7.7558e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	8.3227e+01	7.8135e+00	1.1688e+01
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	9.3461e+01	-3.6638e+00	1.1816e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	8.2854e+01	-1.7179e+00	7.7929e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	7.9497e+01	1.1437e+00	9.0029e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	8.8696e+01	6.9182e-01	1.3026e+01
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	9.7257e+01	-8.5225e+00	8.8706e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	8.7060e+01	-5.5953e+00	6.0256e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	8.4375e+01	-3.8754e+00	8.5311e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	9.4200e+01	-5.9136e+00	1.1376e+01
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	1.0405e+02	-1.2465e+01	-1.2403e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	9.7073e+01	-8.5726e+00	-9.7649e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	9.9180e+01	-1.0459e+01	-5.1543e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	1.0726e+02	-1.5704e+01	-7.7923e+00
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	9.7844e+01	-2.2543e+00	-1.6322e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	9.1744e+01	-1.5683e+00	-1.1688e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	9.5210e+01	-5.8286e+00	-9.5726e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	1.0373e+02	-9.3342e+00	-1.4207e+01
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	9.1793e+01	9.1322e+00	-1.4776e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	8.5892e+01	6.9084e+00	-1.0183e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	8.9482e+01	2.0775e+00	-1.1170e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	9.7473e+01	1.8099e+00	-1.5763e+01
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	8.7676e+01	1.7833e+01	-8.9858e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	8.1527e+01	1.3767e+01	-5.8420e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	8.4092e+01	1.0033e+01	-9.1904e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	9.1456e+01	1.2603e+01	-1.2334e+01
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	8.6213e+01	2.1978e+01	-9.4655e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	7.9715e+01	1.7191e+01	1.2951e-01
	383	0.0000e+00	0.0000e+00	0.0000e+00	8.0592e+01	1.5565e+01	-4.4364e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	8.7508e+01	1.9827e+01	-5.5124e+00
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	8.7591e+01	2.0941e+01	7.5038e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	8.0780e+01	1.6518e+01	6.3527e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	7.9755e+01	1.7352e+01	1.7078e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	8.6293e+01	2.2134e+01	2.8588e+00
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	9.1714e+01	1.4851e+01	1.4638e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	8.4548e+01	1.1946e+01	1.1393e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	8.1794e+01	1.5019e+01	7.8011e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	8.7918e+01	1.9232e+01	1.1047e+01
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	9.7964e+01	4.8222e+00	1.8633e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	9.0308e+01	4.5791e+00	1.3860e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	8.6431e+01	9.0382e+00	1.2461e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	9.2208e+01	1.1568e+01	1.7233e+01
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	1.0466e+02	-6.2806e+00	1.7875e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	9.6572e+01	-3.3888e+00	1.2887e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	9.2684e+01	9.8421e-01	1.4465e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	9.8486e+01	7.4893e-01	1.9452e+01
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	1.0869e+02	-1.3819e+01	1.2275e+01
	377	0.0000e+00	0.0000e+00	0.0000e+00	1.0165e+02	-9.0225e+00	9.0051e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	9.8647e+01	-6.4187e+00	1.3095e+01

	367	0.0000e+00	0.0000e+00	0.0000e+00	1.0509e+02	-9.7272e+00	1.6365e+01
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	1.0514e+02	-2.0306e+01	-1.7813e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	1.0760e+02	-1.4511e+01	-1.4409e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	1.1004e+02	-1.7857e+01	-7.2884e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	1.0957e+02	-2.6174e+01	-1.0692e+01
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	9.7635e+01	-2.7206e+00	-2.3680e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	1.0044e+02	-2.6998e+00	-1.7643e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	1.0471e+02	-1.0041e+01	-1.5383e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	1.0555e+02	-1.4499e+01	-2.1420e+01
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	9.1560e+01	1.4455e+01	-2.0441e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	9.3132e+01	1.0459e+01	-1.5187e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	9.7395e+01	2.6245e+00	-1.7829e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	9.7904e+01	3.8650e+00	-2.3084e+01
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	8.8030e+01	2.6478e+01	-1.1894e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	8.8164e+01	2.0275e+01	-8.6493e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	9.1064e+01	1.4568e+01	-1.4307e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	9.1678e+01	1.9577e+01	-1.7551e+01
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	8.6904e+01	3.1930e+01	-1.0603e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	8.6208e+01	2.4821e+01	2.0643e-02
	372	0.0000e+00	0.0000e+00	0.0000e+00	8.7199e+01	2.2489e+01	-6.9717e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	8.8096e+01	2.9238e+01	-8.0526e+00
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	8.8059e+01	3.0525e+01	1.0120e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	8.7272e+01	2.3619e+01	9.0665e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	8.6234e+01	2.5019e+01	1.9963e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	8.6970e+01	3.2125e+01	3.0499e+00
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	9.1626e+01	2.2240e+01	1.9917e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	9.1236e+01	1.6881e+01	1.6713e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	8.8277e+01	2.1786e+01	1.0805e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	8.8118e+01	2.8136e+01	1.4009e+01
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	9.7760e+01	7.6023e+00	2.6036e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	9.7692e+01	5.7453e+00	2.0824e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	9.3316e+01	1.3097e+01	1.7709e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	9.1617e+01	1.7413e+01	2.2921e+01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	1.0540e+02	-1.0418e+01	2.5350e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	1.0521e+02	-6.8591e+00	1.9253e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	1.0073e+02	6.0406e-01	2.0790e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	9.7575e+01	1.1186e+00	2.6886e+01
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	1.0935e+02	-2.3307e+01	1.5859e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	1.1143e+02	-1.5842e+01	1.2088e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	1.0818e+02	-1.1537e+01	1.8353e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	1.0499e+02	-1.6489e+01	2.2124e+01
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	8.3211e+01	-3.1967e+01	-2.4709e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	1.0551e+02	-2.4749e+01	-2.0091e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	1.0845e+02	-3.1184e+01	-9.6316e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	8.9592e+01	-4.4693e+01	-1.4250e+01
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	7.6796e+01	-1.3481e-01	-3.1000e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	9.5709e+01	-3.4879e+00	-2.4001e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	1.0092e+02	-1.6788e+01	-2.3277e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	8.5715e+01	-2.1574e+01	-3.0277e+01
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	7.4592e+01	2.3273e+01	-2.3996e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	8.8272e+01	1.6407e+01	-1.9920e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	9.2730e+01	3.7878e+00	-2.5449e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	7.8360e+01	7.8806e+00	-2.9525e+01
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	7.4170e+01	3.8012e+01	-1.3106e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	8.4426e+01	2.9502e+01	-1.1099e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	8.6965e+01	2.1151e+01	-1.9251e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	7.5683e+01	2.8796e+01	-2.1258e+01
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	7.4307e+01	4.4248e+01	-7.2338e-01
	360	0.0000e+00	0.0000e+00	0.0000e+00	8.3148e+01	3.5070e+01	-9.2716e-02
	361	0.0000e+00	0.0000e+00	0.0000e+00	8.3980e+01	3.1878e+01	-9.2242e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	7.4747e+01	4.0797e+01	-9.8549e+00
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	7.4613e+01	4.2250e+01	1.1864e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	8.3929e+01	3.3179e+01	1.1358e+01

	360	0.0000e+00	0.0000e+00	0.0000e+00	8.3171e+01	3.5300e+01	2.1703e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	7.4350e+01	4.4438e+01	2.6762e+00
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	7.5371e+01	3.1816e+01	2.3465e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	8.6832e+01	2.3872e+01	2.1637e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	8.4403e+01	3.1258e+01	1.3298e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	7.4110e+01	3.9839e+01	1.5127e+01
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	7.7654e+01	1.2274e+01	3.2147e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	9.2400e+01	7.6267e+00	2.8364e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	8.8101e+01	1.9563e+01	2.2449e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	7.4318e+01	2.6639e+01	2.6232e+01
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	8.4237e+01	-1.6227e+01	3.3766e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	1.0026e+02	-1.2579e+01	2.7219e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	9.5205e+01	7.3882e-01	2.7155e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	7.6076e+01	4.5132e+00	3.3703e+01
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	8.7223e+01	-4.0436e+01	1.9458e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	1.0813e+02	-2.8122e+01	1.4955e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	1.0463e+02	-2.0530e+01	2.4185e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	8.1631e+01	-2.6510e+01	2.8689e+01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	1.4889e+01	-5.3471e+01	-3.3132e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	7.7611e+01	-4.0351e+01	-2.7719e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	7.9284e+01	-5.4906e+01	-1.2544e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	2.4142e+01	-7.1859e+01	-1.7958e+01
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	2.4933e+01	-4.4020e+00	-3.0149e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	6.7361e+01	6.3496e-01	-2.9628e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	6.6972e+01	-2.6250e+01	-3.5329e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	2.6373e+01	-9.9151e+00	-3.5850e+01
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	3.4502e+01	2.7230e+01	-2.0629e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	6.5361e+01	2.5900e+01	-2.2668e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	6.4973e+01	6.5059e+00	-3.1714e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	3.0774e+01	2.3104e+01	-2.9675e+01
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	4.0873e+01	4.6379e+01	-1.0518e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	6.5735e+01	4.1022e+01	-1.2161e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	6.4813e+01	2.9496e+01	-2.2047e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	3.8478e+01	4.3731e+01	-2.0404e+01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	4.3607e+01	5.5604e+01	4.4641e-01
	349	0.0000e+00	0.0000e+00	0.0000e+00	6.5977e+01	4.6978e+01	-9.3304e-02
	350	0.0000e+00	0.0000e+00	0.0000e+00	6.5620e+01	4.2811e+01	-1.0342e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	4.2875e+01	5.4498e+01	-9.8027e+00
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	4.2622e+01	5.5686e+01	1.1613e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	6.5515e+01	4.4246e+01	1.2338e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	6.5952e+01	4.7214e+01	2.0633e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	4.3650e+01	5.6136e+01	1.3381e+00
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	3.7941e+01	4.6592e+01	2.2278e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	6.4494e+01	3.2529e+01	2.4171e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	6.5563e+01	4.2923e+01	1.4202e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	4.0691e+01	4.8617e+01	1.2309e+01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	2.9760e+01	2.7508e+01	3.1669e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	6.4218e+01	1.0961e+01	3.4108e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	6.4914e+01	2.9389e+01	2.4900e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	3.3987e+01	3.1093e+01	2.2460e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	2.4370e+01	-4.1503e+00	3.8098e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	6.5338e+01	-2.0761e+01	3.8329e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	6.6323e+01	5.5394e+00	3.2264e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	2.3850e+01	9.4846e-01	3.2033e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	1.9068e+01	-6.3579e+01	2.1967e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	7.6704e+01	-5.0324e+01	1.8096e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	7.5060e+01	-3.4093e+01	3.1178e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	1.2899e+01	-4.6764e+01	3.5049e+01
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	-8.8403e+01	8.7606e+01	8.3150e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-3.9072e+01	-5.1203e+01	-4.7128e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	4.9031e+01	-9.5290e+01	-2.0174e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-2.0280e+02	-2.0346e+02	-7.1463e+00
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	-4.9737e+01	8.9664e+01	-1.0641e+00



	339	0.0000e+00	0.0000e+00	0.0000e+00	-1.2341e+01	4.9611e+00	-1.4044e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	-2.1703e+00	-2.6382e+01	-1.6323e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	-8.6106e+01	-1.0657e+02	-3.3434e+00
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	-2.5682e+01	9.2428e+01	-3.0700e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	6.9791e+00	3.2570e+01	-1.0849e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	1.4154e+01	1.4514e+01	-1.3737e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	-4.8556e+01	-3.9619e+01	-5.9586e+00
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	-1.2748e+01	8.7262e+01	-1.7498e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	1.9218e+01	4.9641e+01	-5.8421e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	2.3433e+01	3.9515e+01	-9.9399e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-2.5222e+01	1.0014e+01	-5.8475e+00
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	-8.7207e+00	7.3627e+01	1.4639e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	2.5599e+01	5.6877e+01	3.4267e-01
	335	0.0000e+00	0.0000e+00	0.0000e+00	2.7340e+01	5.3328e+01	-4.4467e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-1.2725e+01	4.6070e+01	-3.3255e+00
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-1.2910e+01	5.0407e+01	5.0320e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	2.6661e+01	5.4638e+01	6.6720e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	2.6011e+01	5.7282e+01	1.8928e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-8.9497e+00	7.0985e+01	2.5280e-01
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-2.5876e+01	1.5855e+01	7.4957e+00
	329	0.0000e+00	0.0000e+00	0.0000e+00	2.2443e+01	4.2494e+01	1.2141e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	1.9334e+01	5.1747e+01	8.0763e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	-1.3392e+01	8.6441e+01	3.4311e+00
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-4.9790e+01	-3.2545e+01	7.4950e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	1.2725e+01	1.9051e+01	1.5897e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	6.6907e+00	3.6292e+01	1.3071e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-2.6798e+01	9.3489e+01	4.6689e+00
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-8.8047e+01	-9.8649e+01	4.6977e+00
	325	0.0000e+00	0.0000e+00	0.0000e+00	-4.2320e+00	-2.0369e+01	1.8385e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-1.3224e+01	1.0103e+01	1.6237e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-5.1429e+01	9.2641e+01	2.5495e+00
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.0385e+02	-1.9525e+02	7.3671e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	4.3691e+01	-8.6425e+01	2.1495e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-4.0739e+01	-4.4631e+01	7.2196e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	-9.0909e+01	9.2480e+01	-6.9083e+00
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	5.1219e+01	-5.7141e+00	3.0197e+00
	323	0.0000e+00	0.0000e+00	0.0000e+00	5.2872e+01	-5.8282e-01	2.8867e+00
	14	0.0000e+00	0.0000e+00	0.0000e+00	4.4270e+01	-1.7845e+01	1.9564e+00
	314	0.0000e+00	0.0000e+00	0.0000e+00	5.9553e+01	-1.0870e+01	2.0893e+00
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	5.0686e+01	1.9679e+00	3.3491e+00
	322	0.0000e+00	0.0000e+00	0.0000e+00	5.3741e+01	1.8668e+00	3.8818e+00
	323	0.0000e+00	0.0000e+00	0.0000e+00	5.4340e+01	-2.4152e+00	3.8820e+00
	313	0.0000e+00	0.0000e+00	0.0000e+00	5.1162e+01	-2.5167e+00	3.3493e+00
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	4.9139e+01	4.9891e+00	2.3128e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	5.2462e+01	5.3233e+00	3.6602e+00
	322	0.0000e+00	0.0000e+00	0.0000e+00	5.3814e+01	2.9803e+00	3.9196e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	5.0506e+01	2.8004e+00	2.5722e+00
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	4.7323e+01	6.6889e+00	1.3071e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	5.0667e+01	7.2634e+00	2.6980e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	5.2150e+01	6.1726e+00	3.1921e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	4.8648e+01	5.7678e+00	1.8013e+00
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	4.5907e+01	6.9680e+00	2.9520e-01
	319	0.0000e+00	0.0000e+00	0.0000e+00	4.9259e+01	7.6249e+00	1.2576e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	5.0267e+01	7.6861e+00	1.8895e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	4.6842e+01	7.0907e+00	9.2712e-01
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	4.5169e+01	5.8349e+00	-6.3281e-01
	318	0.0000e+00	0.0000e+00	0.0000e+00	4.8539e+01	6.3842e+00	-2.4659e-01
	319	0.0000e+00	0.0000e+00	0.0000e+00	4.8903e+01	7.5248e+00	3.5236e-01
	309	0.0000e+00	0.0000e+00	0.0000e+00	4.5585e+01	6.8871e+00	-3.3860e-02
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	4.4959e+01	3.4676e+00	-1.3896e+00
	317	0.0000e+00	0.0000e+00	0.0000e+00	4.8308e+01	3.7672e+00	-1.4005e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	4.8235e+01	5.8102e+00	-1.0023e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	4.5010e+01	5.3207e+00	-9.9152e-01

2229	306	0.0000e+00	0.0000e+00	0.0000e+00	4.4784e+01	1.1173e-01	-1.9596e+00
	316	0.0000e+00	0.0000e+00	0.0000e+00	4.7841e+01	1.4398e-01	-1.8867e+00
	317	0.0000e+00	0.0000e+00	0.0000e+00	4.7941e+01	2.9086e+00	-1.7769e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	4.4831e+01	2.7233e+00	-1.8498e+00
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	4.3589e+01	-4.4903e+00	-2.4418e+00
	315	0.0000e+00	0.0000e+00	0.0000e+00	4.6218e+01	-4.5624e+00	-1.5698e+00
	316	0.0000e+00	0.0000e+00	0.0000e+00	4.7156e+01	-7.5016e-01	-1.7435e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	4.4412e+01	-4.7800e-01	-2.6155e+00
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	4.8949e+01	-1.0354e+01	-8.2704e-01
	13	0.0000e+00	0.0000e+00	0.0000e+00	3.5951e+01	-1.6962e+01	5.0956e-01
	315	0.0000e+00	0.0000e+00	0.0000e+00	4.4370e+01	-2.6558e+00	-7.0850e-01
	305	0.0000e+00	0.0000e+00	0.0000e+00	4.3228e+01	-6.8499e+00	-2.0451e+00
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	5.8278e+01	-4.8984e+00	5.1796e-01
	313	0.0000e+00	0.0000e+00	0.0000e+00	5.3559e+01	-5.7982e+00	3.0758e+00
	314	0.0000e+00	0.0000e+00	0.0000e+00	5.6372e+01	-8.6639e+00	1.6333e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	6.0628e+01	-6.7051e+00	-9.2448e-01
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	5.3850e+01	4.4885e-01	2.4688e-01
	312	0.0000e+00	0.0000e+00	0.0000e+00	5.1286e+01	8.5862e-01	2.7817e+00
	313	0.0000e+00	0.0000e+00	0.0000e+00	5.3778e+01	-1.7323e+00	3.4529e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	5.6475e+01	-2.6528e+00	9.1813e-01
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	5.0505e+01	3.9368e+00	-3.7934e-01
	311	0.0000e+00	0.0000e+00	0.0000e+00	4.9086e+01	4.4311e+00	1.6665e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	5.0747e+01	2.7882e+00	2.4268e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	5.2973e+01	1.7757e+00	3.8092e-01
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	4.8012e+01	5.8664e+00	-8.1339e-01
	310	0.0000e+00	0.0000e+00	0.0000e+00	4.7053e+01	6.2642e+00	8.1513e-01
	311	0.0000e+00	0.0000e+00	0.0000e+00	4.8494e+01	5.5302e+00	1.3752e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	4.9858e+01	4.8181e+00	-2.5335e-01
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	4.6406e+01	6.2333e+00	-1.0137e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	4.5590e+01	6.6033e+00	3.7930e-03
	310	0.0000e+00	0.0000e+00	0.0000e+00	4.6543e+01	6.7643e+00	4.3721e-01
	300	0.0000e+00	0.0000e+00	0.0000e+00	4.7506e+01	6.2753e+00	-5.8029e-01
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	4.5784e+01	5.1057e+00	-1.1316e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	4.4882e+01	5.5331e+00	-8.0442e-01
	309	0.0000e+00	0.0000e+00	0.0000e+00	4.5249e+01	6.5253e+00	-4.0024e-01
	299	0.0000e+00	0.0000e+00	0.0000e+00	4.6077e+01	6.1517e+00	-7.2743e-01
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	4.6041e+01	2.7007e+00	-1.3662e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	4.4803e+01	3.2798e+00	-1.6112e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	4.4713e+01	4.9298e+00	-1.1448e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	4.5637e+01	4.5846e+00	-8.9983e-01
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	4.6978e+01	-6.1409e-01	-1.8223e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	4.4993e+01	1.6557e-01	-2.4117e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	4.4729e+01	2.2399e+00	-1.8284e+00
	297	0.0000e+00	0.0000e+00	0.0000e+00	4.6052e+01	1.8635e+00	-1.2390e+00
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	4.8206e+01	-4.2504e+00	-2.0842e+00
	305	0.0000e+00	0.0000e+00	0.0000e+00	4.5839e+01	-3.6921e+00	-3.0331e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	4.4891e+01	-1.4020e+00	-2.6340e+00
	296	0.0000e+00	0.0000e+00	0.0000e+00	4.7239e+01	-1.6348e+00	-1.6851e+00
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	4.9937e+01	-6.2584e+00	-1.3649e-01
	206	0.0000e+00	0.0000e+00	0.0000e+00	4.6184e+01	-8.3067e+00	-9.7380e-01
	305	0.0000e+00	0.0000e+00	0.0000e+00	4.5117e+01	-6.7536e+00	-2.5271e+00
	295	0.0000e+00	0.0000e+00	0.0000e+00	4.9313e+01	-5.7235e+00	-1.6898e+00
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	6.6488e+01	-4.2416e+00	-3.5450e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	5.9611e+01	-4.1434e+00	-9.7978e-01
	304	0.0000e+00	0.0000e+00	0.0000e+00	6.2255e+01	-5.7096e+00	-1.0033e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	6.9021e+01	-5.5648e+00	-3.5685e+00
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	6.1894e+01	-2.8413e-01	-3.8889e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	5.5670e+01	3.4254e-01	-6.5656e-01
	303	0.0000e+00	0.0000e+00	0.0000e+00	5.8871e+01	-2.1433e+00	-1.0388e-01
	293	0.0000e+00	0.0000e+00	0.0000e+00	6.5217e+01	-2.6120e+00	-3.3362e+00
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	5.7552e+01	3.4803e+00	-3.9691e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	5.2159e+01	3.7979e+00	-1.1107e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	5.4710e+01	2.1337e+00	-5.3664e-01

	292	0.0000e+00	0.0000e+00	0.0000e+00	6.0769e+01	1.3136e+00	-3.3950e+00
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	5.4227e+01	5.8964e+00	-3.4582e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	4.9367e+01	5.8775e+00	-1.3083e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	5.1243e+01	5.1212e+00	-1.0709e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	5.6690e+01	4.6319e+00	-3.2208e+00
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	5.2249e+01	6.5246e+00	-2.4578e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	4.7578e+01	6.3842e+00	-1.2350e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	4.8681e+01	6.5373e+00	-1.2659e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	5.3613e+01	6.4582e+00	-2.4888e+00
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	5.1718e+01	5.3239e+00	-1.3608e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	4.6932e+01	5.3413e+00	-1.1314e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	4.7226e+01	6.3382e+00	-1.1807e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	5.1887e+01	6.4534e+00	-1.4102e+00
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	5.2481e+01	2.6092e+00	-5.9410e-01
	297	0.0000e+00	0.0000e+00	0.0000e+00	4.7345e+01	2.9854e+00	-1.2382e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	4.6914e+01	4.6460e+00	-1.0634e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	5.1613e+01	4.6758e+00	-4.1930e-01
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	5.4140e+01	-9.0492e-01	-3.4698e-01
	296	0.0000e+00	0.0000e+00	0.0000e+00	4.8572e+01	-2.6600e-01	-1.5951e+00
	297	0.0000e+00	0.0000e+00	0.0000e+00	4.7560e+01	1.7990e+00	-1.1432e+00
	287	0.0000e+00	0.0000e+00	0.0000e+00	5.2633e+01	1.5423e+00	1.0493e-01
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	5.6040e+01	-3.9869e+00	-2.8248e-01
	295	0.0000e+00	0.0000e+00	0.0000e+00	5.0345e+01	-3.7428e+00	-1.7561e+00
	296	0.0000e+00	0.0000e+00	0.0000e+00	4.8843e+01	-1.6389e+00	-1.3852e+00
	286	0.0000e+00	0.0000e+00	0.0000e+00	5.4568e+01	-2.1298e+00	8.8418e-02
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	5.7276e+01	-4.8123e+00	1.7473e-01
	195	0.0000e+00	0.0000e+00	0.0000e+00	5.1306e+01	-5.2890e+00	-5.6611e-01
	295	0.0000e+00	0.0000e+00	0.0000e+00	5.0435e+01	-4.9240e+00	-8.3140e-01
	285	0.0000e+00	0.0000e+00	0.0000e+00	5.6651e+01	-4.8750e+00	-9.0555e-02
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	7.8684e+01	-4.8776e+00	-7.8757e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	6.9552e+01	-3.7767e+00	-5.1088e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	7.2250e+01	-4.9302e+00	-3.7923e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	8.1571e+01	-6.4383e+00	-6.5592e+00
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	7.3547e+01	-5.7809e-01	-8.8496e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	6.4981e+01	4.2354e-02	-5.1747e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	6.8337e+01	-2.0059e+00	-4.2368e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	7.7608e+01	-3.2443e+00	-7.9117e+00
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	6.8350e+01	4.0116e+00	-8.4705e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	6.0421e+01	3.8490e+00	-4.8928e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	6.3575e+01	2.0294e+00	-4.6168e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	7.2417e+01	1.3198e+00	-8.1944e+00
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	6.4237e+01	7.2811e+00	-6.7130e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	5.6753e+01	6.4695e+00	-3.9730e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	5.9136e+01	5.4690e+00	-4.4242e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	6.7385e+01	5.5516e+00	-7.1642e+00
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	6.1861e+01	8.3261e+00	-4.0557e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	5.4514e+01	7.2783e+00	-2.5645e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	5.5854e+01	7.3409e+00	-3.4732e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	6.3532e+01	8.0942e+00	-4.9645e+00
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	6.1415e+01	6.9317e+00	-1.2604e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	5.3909e+01	6.1442e+00	-1.1294e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	5.4134e+01	7.2591e+00	-2.0383e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	6.1454e+01	8.2729e+00	-2.1693e+00
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	6.2682e+01	3.5099e+00	8.9854e-01
	287	0.0000e+00	0.0000e+00	0.0000e+00	5.4809e+01	3.3767e+00	-1.5870e-01
	288	0.0000e+00	0.0000e+00	0.0000e+00	5.4046e+01	5.2939e+00	-6.1938e-01
	278	0.0000e+00	0.0000e+00	0.0000e+00	6.1311e+01	6.0737e+00	4.3785e-01
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	6.5019e+01	-8.6952e-01	1.8841e+00
	286	0.0000e+00	0.0000e+00	0.0000e+00	5.6755e+01	-2.5726e-01	1.0220e-01
	287	0.0000e+00	0.0000e+00	0.0000e+00	5.5327e+01	1.9561e+00	3.3433e-01
	277	0.0000e+00	0.0000e+00	0.0000e+00	6.2850e+01	2.1083e+00	2.1162e+00
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	6.7383e+01	-4.4736e+00	1.6234e+00
	285	0.0000e+00	0.0000e+00	0.0000e+00	5.8908e+01	-3.4319e+00	-1.1751e-01

	286	0.0000e+00	0.0000e+00	0.0000e+00	5.7396e+01	-1.7558e+00	6.9789e-01
	276	0.0000e+00	0.0000e+00	0.0000e+00	6.5381e+01	-2.3301e+00	2.4388e+00
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	6.8477e+01	-5.2642e+00	5.0947e-01
	184	0.0000e+00	0.0000e+00	0.0000e+00	6.0118e+01	-4.2015e+00	-2.1779e-01
	285	0.0000e+00	0.0000e+00	0.0000e+00	5.9366e+01	-4.3265e+00	8.0415e-01
	275	0.0000e+00	0.0000e+00	0.0000e+00	6.7762e+01	-5.2892e+00	1.5314e+00
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	9.2409e+01	-7.0438e+00	-1.2734e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	8.2897e+01	-4.8171e+00	-9.5754e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	8.5896e+01	-6.2194e+00	-6.8886e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	9.5785e+01	-9.3173e+00	-1.0047e+01
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	8.6308e+01	-9.2679e-01	-1.4780e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	7.7508e+01	-2.2734e-01	-1.0384e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	8.1228e+01	-2.7032e+00	-8.9321e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	9.1461e+01	-4.8803e+00	-1.3328e+01
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	8.0110e+01	5.6809e+00	-1.3935e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	7.1842e+01	4.7579e+00	-9.5387e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	7.5567e+01	2.2919e+00	-9.7038e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	8.5259e+01	1.6961e+00	-1.4100e+01
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	7.5254e+01	1.0474e+01	-1.0581e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	6.7232e+01	8.4308e+00	-7.2174e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	7.0128e+01	6.8807e+00	-8.7504e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	7.9147e+01	7.8755e+00	-1.2114e+01
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	7.2543e+01	1.2164e+01	-5.7784e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	6.4499e+01	9.7278e+00	-4.0137e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	6.6093e+01	9.5980e+00	-6.2882e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	7.4511e+01	1.1669e+01	-8.0529e+00
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	7.2221e+01	1.0413e+01	-7.8929e-01
	278	0.0000e+00	0.0000e+00	0.0000e+00	6.3926e+01	8.3618e+00	-7.7245e-01
	279	0.0000e+00	0.0000e+00	0.0000e+00	6.4085e+01	9.7210e+00	-3.0241e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	7.2095e+01	1.2132e+01	-3.0410e+00
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	7.4057e+01	5.6976e+00	3.1520e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	6.5322e+01	4.7457e+00	1.6313e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	6.4236e+01	7.2439e+00	1.5345e-01
	268	0.0000e+00	0.0000e+00	0.0000e+00	7.2074e+01	9.2209e+00	1.6742e+00
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	7.7264e+01	-6.0394e-01	4.9780e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	6.8014e+01	7.0278e-03	2.5379e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	6.6200e+01	2.8603e+00	2.4197e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	7.4152e+01	3.7055e+00	4.8598e+00
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	8.0429e+01	-6.0782e+00	4.1120e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	7.0805e+01	-4.0020e+00	1.8172e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	6.9113e+01	-1.9675e+00	3.2337e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	7.7489e+01	-2.6984e+00	5.5285e+00
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	8.1631e+01	-7.7717e+00	9.7858e-01
	173	0.0000e+00	0.0000e+00	0.0000e+00	7.2446e+01	-5.0552e+00	7.9942e-02
	275	0.0000e+00	0.0000e+00	0.0000e+00	7.1628e+01	-5.1475e+00	2.5281e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	8.0634e+01	-7.2828e+00	3.4267e+00
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	1.0292e+02	-1.1257e+01	-1.8296e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	9.6760e+01	-7.6964e+00	-1.4658e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	1.0014e+02	-9.9008e+00	-1.0337e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	1.0688e+02	-1.4904e+01	-1.3975e+01
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	9.5637e+01	-1.4000e+00	-2.1885e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	9.0191e+01	-8.1798e-01	-1.6471e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	9.4512e+01	-4.7293e+00	-1.4570e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	1.0224e+02	-7.9148e+00	-1.9984e+01
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	8.8553e+01	8.7967e+00	-2.0310e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	8.3202e+01	6.6885e+00	-1.5017e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	8.7603e+01	2.7155e+00	-1.6012e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	9.4833e+01	2.5782e+00	-2.1304e+01
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	8.3290e+01	1.5931e+01	-1.4876e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	7.7656e+01	1.2187e+01	-1.0985e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	8.1054e+01	9.5670e+00	-1.4115e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	8.7743e+01	1.2025e+01	-1.8005e+01
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	8.0495e+01	1.8518e+01	-7.4968e+00

	269	0.0000e+00	0.0000e+00	0.0000e+00	7.4504e+01	1.4212e+01	-5.5510e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	7.6315e+01	1.3723e+01	-9.7126e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	8.2611e+01	1.7665e+01	-1.1658e+01
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	8.0322e+01	1.6255e+01	8.1524e-02
	268	0.0000e+00	0.0000e+00	0.0000e+00	7.4005e+01	1.2417e+01	-2.8688e-02
	269	0.0000e+00	0.0000e+00	0.0000e+00	7.4071e+01	1.4193e+01	-4.1421e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	8.0033e+01	1.8506e+01	-4.0319e+00
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	8.2649e+01	9.6022e+00	6.2335e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	7.5944e+01	7.3145e+00	4.2364e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	7.4475e+01	1.0910e+01	1.2342e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	8.0087e+01	1.4572e+01	3.2312e+00
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	8.6846e+01	3.2429e-02	9.2637e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	7.9592e+01	3.4200e-01	5.9729e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	7.7217e+01	4.6678e+00	5.1314e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	8.2580e+01	6.6450e+00	8.4222e+00
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	9.1256e+01	-9.2204e+00	7.7277e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	8.3476e+01	-5.9596e+00	4.4591e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	8.1302e+01	-2.6255e+00	6.4506e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	8.6833e+01	-3.3115e+00	9.7192e+00
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	9.2806e+01	-1.3144e+01	1.7257e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	8.5905e+01	-8.2991e+00	4.1047e-01
	265	0.0000e+00	0.0000e+00	0.0000e+00	8.4847e+01	-7.8993e+00	4.6420e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	9.1209e+01	-1.1440e+01	5.9572e+00
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	1.0258e+02	-1.8495e+01	-2.4686e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	1.0594e+02	-1.3224e+01	-2.0519e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	1.0962e+02	-1.7030e+01	-1.3975e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	1.0731e+02	-2.4728e+01	-1.8142e+01
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	9.4464e+01	-1.6875e+00	-3.0046e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	9.7824e+01	-1.7478e+00	-2.3505e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	1.0279e+02	-8.6514e+00	-2.1559e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	1.0271e+02	-1.2568e+01	-2.8100e+01
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	8.7694e+01	1.3840e+01	-2.6866e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	8.9620e+01	1.0083e+01	-2.1122e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	9.4560e+01	3.2938e+00	-2.3715e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	9.4347e+01	4.6749e+00	-2.9459e+01
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	8.3252e+01	2.3936e+01	-1.8872e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	8.3628e+01	1.8223e+01	-1.5026e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	8.7263e+01	1.3807e+01	-2.0330e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	8.7379e+01	1.8606e+01	-2.4176e+01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	8.1017e+01	2.7567e+01	-8.9078e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	8.0442e+01	2.1139e+01	-7.0842e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	8.2291e+01	2.0068e+01	-1.3506e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	8.2849e+01	2.6366e+01	-1.5329e+01
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	8.0892e+01	2.4765e+01	1.1914e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	8.0051e+01	1.8680e+01	1.0328e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	8.0025e+01	2.1070e+01	-5.3158e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	8.0598e+01	2.7567e+01	-5.1572e+00
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	8.3020e+01	1.5853e+01	9.7879e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	8.2323e+01	1.1389e+01	7.6501e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	8.0554e+01	1.6769e+01	2.5470e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	8.0473e+01	2.2418e+01	4.6848e+00
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	8.7540e+01	1.7687e+00	1.4719e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	8.6841e+01	7.6923e-01	1.0771e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	8.3848e+01	7.8182e+00	8.4483e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	8.2566e+01	1.1423e+01	1.2395e+01
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	9.3403e+01	-1.4101e+01	1.3056e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	9.2185e+01	-9.8687e+00	8.4333e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	8.9278e+01	-3.7539e+00	1.0613e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	8.6980e+01	-3.8412e+00	1.5236e+01
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	9.5501e+01	-2.2921e+01	3.0160e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	9.6023e+01	-1.5056e+01	9.0093e-01
	255	0.0000e+00	0.0000e+00	0.0000e+00	9.4539e+01	-1.3434e+01	7.5375e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	9.2717e+01	-1.8722e+01	9.6526e+00

2292	243	0.0000e+00	0.0000e+00	0.0000e+00	7.9270e+01	-2.9077e+01	-3.1869e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	1.0221e+02	-2.2685e+01	-2.6996e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	1.0614e+02	-2.9660e+01	-1.7450e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	8.5175e+01	-4.2186e+01	-2.2323e+01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	7.3073e+01	9.0697e-01	-3.7564e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	9.2138e+01	-2.2741e+00	-3.0611e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	9.7656e+01	-1.4916e+01	-3.0179e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	8.1589e+01	-1.8953e+01	-3.7132e+01
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	7.0597e+01	2.2119e+01	-3.0987e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	8.4272e+01	1.5746e+01	-2.6727e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	8.9104e+01	4.4512e+00	-3.2016e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	7.4363e+01	8.5601e+00	-3.6276e+01
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	6.9635e+01	3.4598e+01	-2.0892e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	7.9691e+01	2.6808e+01	-1.8527e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	8.2736e+01	1.9938e+01	-2.6150e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	7.1364e+01	2.7255e+01	-2.8515e+01
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	6.9110e+01	3.8797e+01	-9.5239e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	7.7459e+01	3.0514e+01	-8.4239e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	7.8922e+01	2.8681e+01	-1.6835e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	6.9867e+01	3.7067e+01	-1.7935e+01
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	6.8740e+01	3.5268e+01	1.8972e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	7.7135e+01	2.7231e+01	1.9309e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	7.7118e+01	3.0348e+01	-6.3945e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	6.8825e+01	3.8810e+01	-6.4282e+00
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	6.8876e+01	2.4161e+01	1.2236e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	7.8812e+01	1.7350e+01	1.1004e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	7.7236e+01	2.5098e+01	3.6303e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	6.7966e+01	3.2901e+01	4.8620e+00
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	7.0595e+01	5.2749e+00	1.9643e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	8.3023e+01	1.7652e+00	1.6544e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	7.9715e+01	1.3125e+01	1.1625e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	6.7647e+01	1.9364e+01	1.4724e+01
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	7.6567e+01	-2.0648e+01	2.0171e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	8.9373e+01	-1.6117e+01	1.4470e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	8.5458e+01	-4.5896e+00	1.5268e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	6.8975e+01	-1.6407e+00	2.0969e+01
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	7.9049e+01	-4.0188e+01	5.3590e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	9.5665e+01	-2.7333e+01	1.7749e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	9.3388e+01	-2.2983e+01	1.1538e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	7.4092e+01	-2.9477e+01	1.5122e+01
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	1.1133e+01	-4.9665e+01	-3.8721e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	7.2765e+01	-3.6762e+01	-3.4560e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	7.4859e+01	-5.2199e+01	-2.1148e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	1.7438e+01	-6.5877e+01	-2.5309e+01
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	2.1498e+01	-3.2509e+00	-3.6501e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	6.3485e+01	1.7429e+00	-3.6374e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	6.2973e+01	-2.3704e+01	-4.1847e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	2.2266e+01	-7.8640e+00	-4.1974e+01
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	3.1130e+01	2.5798e+01	-2.7822e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	6.1441e+01	2.4670e+01	-2.9908e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	6.1222e+01	6.9635e+00	-3.8430e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	2.7140e+01	2.2725e+01	-3.6344e+01
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	3.7479e+01	4.2444e+01	-1.8625e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	6.1453e+01	3.7503e+01	-2.0217e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	6.0845e+01	2.7632e+01	-2.9425e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	3.4874e+01	4.0939e+01	-2.7832e+01
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	4.0291e+01	4.9409e+01	-8.6470e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	6.1250e+01	4.1444e+01	-9.1556e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	6.1226e+01	3.8688e+01	-1.8605e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	3.9288e+01	4.9450e+01	-1.8097e+01
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	3.9643e+01	4.7720e+01	1.4970e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	6.0399e+01	3.7238e+01	2.1436e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	6.1100e+01	4.1142e+01	-7.2277e+00

	224	0.0000e+00	0.0000e+00	0.0000e+00	4.0247e+01	4.9232e+01	-7.8743e+00
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	3.5724e+01	3.7663e+01	1.1131e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	5.9139e+01	2.4953e+01	1.2758e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	6.0345e+01	3.5504e+01	3.7949e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	3.7803e+01	4.0558e+01	2.1674e+00
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	2.8889e+01	1.8862e+01	1.9484e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	5.8796e+01	4.2027e+00	2.1431e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	5.9503e+01	2.1619e+01	1.3346e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	3.2112e+01	2.2984e+01	1.1398e+01
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	2.5270e+01	-1.0633e+01	2.4844e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	5.9976e+01	-2.4714e+01	2.4470e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	6.0858e+01	-1.0514e+00	1.9619e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	2.3633e+01	-5.5186e+00	1.9992e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	2.1762e+01	-6.4721e+01	8.3153e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	7.1352e+01	-4.9270e+01	3.9651e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	6.9375e+01	-3.7137e+01	1.7684e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	1.4959e+01	-4.8875e+01	2.2034e+01
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	-9.1815e+01	8.5873e+01	2.3972e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	-4.1695e+01	-4.7812e+01	-1.1556e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	4.1798e+01	-8.8668e+01	-2.5238e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.0347e+02	-1.9524e+02	-1.1285e+01
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	-5.2759e+01	8.5388e+01	-7.6312e+00
	230	0.0000e+00	0.0000e+00	0.0000e+00	-1.4841e+01	5.6197e+00	-2.1184e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-6.1140e+00	-2.4132e+01	-2.2850e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	-8.8841e+01	-1.0060e+02	-9.2971e+00
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	-2.8172e+01	8.5640e+01	-1.0316e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	4.6202e+00	3.0816e+01	-1.8761e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	1.0374e+01	1.4108e+01	-2.1086e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	-5.0971e+01	-3.6110e+01	-1.2640e+01
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	-1.4363e+01	7.8466e+01	-9.6456e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	1.7030e+01	4.5513e+01	-1.4518e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	1.9871e+01	3.6595e+01	-1.8071e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	-2.7039e+01	1.0683e+01	-1.3199e+01
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-9.0009e+00	6.3615e+01	-6.9742e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	2.3731e+01	5.0664e+01	-9.0422e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	2.4169e+01	4.8076e+01	-1.3337e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-1.3613e+01	4.3636e+01	-1.1269e+01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.1210e+01	4.0352e+01	-3.7533e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	2.5410e+01	4.6901e+01	-3.2997e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	2.3573e+01	5.0094e+01	-7.6782e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	-8.4575e+00	6.5321e+01	-8.1318e+00
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-2.1273e+01	7.3854e+00	-1.3414e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	2.2291e+01	3.4145e+01	1.7675e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	1.8168e+01	4.3294e+01	-2.0353e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.0876e+01	7.7590e+01	-5.1442e+00
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-4.0896e+01	-3.7253e+01	-1.0172e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	1.4366e+01	1.1482e+01	5.3248e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	7.5925e+00	2.7609e+01	2.6173e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	-2.1322e+01	8.1710e+01	-3.7247e+00
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-7.2927e+01	-9.6691e+01	-3.2001e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	1.9924e-01	-2.5019e+01	7.6948e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	-9.1443e+00	2.6845e+00	5.6469e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	-4.1594e+01	7.8415e+01	-5.2480e+00
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.7721e+02	-1.8188e+02	-1.6542e-01
	118	0.0000e+00	0.0000e+00	0.0000e+00	4.8892e+01	-8.4758e+01	1.0501e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-3.2053e+01	-4.7863e+01	-2.9935e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	-7.4742e+01	7.6003e+01	-1.3660e+01
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	4.3335e+01	-4.4181e+00	1.9025e+00
	215	0.0000e+00	0.0000e+00	0.0000e+00	4.3930e+01	-6.7139e-01	6.5281e-01
	13	0.0000e+00	0.0000e+00	0.0000e+00	3.6273e+01	-1.5682e+01	-3.1016e-01
	206	0.0000e+00	0.0000e+00	0.0000e+00	4.8699e+01	-9.8364e+00	9.3954e-01
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	4.4486e+01	4.6195e+00	2.5488e+00
	214	0.0000e+00	0.0000e+00	0.0000e+00	4.6760e+01	4.2906e+00	1.7189e+00

	215	0.0000e+00	0.0000e+00	0.0000e+00	4.5866e+01	-1.5448e+00	1.5532e+00
	205	0.0000e+00	0.0000e+00	0.0000e+00	4.3857e+01	-1.5124e+00	2.3831e+00
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	4.5267e+01	1.0747e+01	2.1289e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	4.7581e+01	1.0825e+01	2.0526e+00
	214	0.0000e+00	0.0000e+00	0.0000e+00	4.7556e+01	5.7285e+00	2.0000e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	4.5152e+01	5.9208e+00	2.0763e+00
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	4.5842e+01	1.6486e+01	1.6765e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	4.7904e+01	1.6920e+01	1.7101e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	4.8111e+01	1.2296e+01	1.9065e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	4.5697e+01	1.2302e+01	1.8729e+00
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	4.6895e+01	2.1335e+01	1.1574e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	4.8579e+01	2.2057e+01	7.3973e-01
	212	0.0000e+00	0.0000e+00	0.0000e+00	4.8403e+01	1.8192e+01	1.1839e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	4.6305e+01	1.7946e+01	1.6015e+00
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	4.8938e+01	2.4611e+01	6.1384e-01
	210	0.0000e+00	0.0000e+00	0.0000e+00	5.0137e+01	2.5500e+01	-6.5228e-01
	211	0.0000e+00	0.0000e+00	0.0000e+00	4.9194e+01	2.2866e+01	-3.9100e-02
	201	0.0000e+00	0.0000e+00	0.0000e+00	4.7557e+01	2.2418e+01	1.2270e+00
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	5.2210e+01	2.5588e+01	1.3180e-01
	209	0.0000e+00	0.0000e+00	0.0000e+00	5.2820e+01	2.6480e+01	-2.1700e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	5.0922e+01	2.5595e+01	-1.5229e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	4.9885e+01	2.5076e+01	7.7895e-01
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	5.6744e+01	2.3624e+01	-1.2936e-01
	208	0.0000e+00	0.0000e+00	0.0000e+00	5.6388e+01	2.4256e+01	-3.3857e+00
	209	0.0000e+00	0.0000e+00	0.0000e+00	5.3712e+01	2.5667e+01	-2.9020e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	5.3445e+01	2.5244e+01	3.5435e-01
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	6.1445e+01	1.8080e+01	2.4871e-02
	207	0.0000e+00	0.0000e+00	0.0000e+00	6.0862e+01	1.8163e+01	-3.7665e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	5.7229e+01	2.2348e+01	-3.7778e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	5.8121e+01	2.2454e+01	1.3600e-02
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	7.6063e+01	1.2092e+01	4.6593e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	5.7382e+01	2.2256e+00	-2.2924e-01
	207	0.0000e+00	0.0000e+00	0.0000e+00	6.0468e+01	1.7532e+01	-2.9924e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	6.4008e+01	1.3689e+01	1.8961e+00
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	4.9576e+01	-2.9846e+00	1.7947e+00
	205	0.0000e+00	0.0000e+00	0.0000e+00	4.5304e+01	-4.2622e+00	2.6063e+00
	206	0.0000e+00	0.0000e+00	0.0000e+00	4.6382e+01	-7.9632e+00	1.0439e+00
	195	0.0000e+00	0.0000e+00	0.0000e+00	4.9988e+01	-5.8346e+00	2.3229e-01
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	4.8034e+01	3.7604e+00	2.0243e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	4.5287e+01	3.7671e+00	2.9311e+00
	205	0.0000e+00	0.0000e+00	0.0000e+00	4.6089e+01	-6.0267e-01	3.1034e+00
	194	0.0000e+00	0.0000e+00	0.0000e+00	4.8896e+01	-9.7154e-01	2.1966e+00
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	4.7296e+01	1.0337e+01	1.9781e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	4.5486e+01	1.0423e+01	2.4697e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	4.5627e+01	6.1053e+00	2.7908e+00
	193	0.0000e+00	0.0000e+00	0.0000e+00	4.8058e+01	5.4918e+00	2.2992e+00
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	4.7376e+01	1.6389e+01	2.1569e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	4.5894e+01	1.6346e+01	2.2509e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	4.5831e+01	1.2245e+01	2.3767e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	4.7612e+01	1.1927e+01	2.2827e+00
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	4.8396e+01	2.1435e+01	2.6988e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	4.6976e+01	2.1290e+01	2.0958e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	4.6365e+01	1.7781e+01	2.0456e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	4.7901e+01	1.7746e+01	2.6486e+00
2337	189	0.0000e+00	0.0000e+00	0.0000e+00	5.0673e+01	2.4837e+01	3.5594e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	4.9147e+01	2.4645e+01	1.9480e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	4.7684e+01	2.2198e+01	1.7833e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	4.9178e+01	2.2365e+01	3.3946e+00
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	5.4411e+01	2.5904e+01	4.5993e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	5.2661e+01	2.5738e+01	1.7868e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	5.0156e+01	2.4817e+01	1.5771e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	5.1756e+01	2.5109e+01	4.3896e+00
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	5.9718e+01	2.4116e+01	5.6751e+00



	198	0.0000e+00	0.0000e+00	0.0000e+00	5.7409e+01	2.3973e+01	1.6620e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	5.3955e+01	2.4976e+01	1.4557e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	5.5808e+01	2.5283e+01	5.4688e+00
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	6.5090e+01	1.9512e+01	6.8373e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	6.4311e+01	1.9071e+01	1.8708e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	5.8901e+01	2.1920e+01	1.3494e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	6.1387e+01	2.2615e+01	6.3158e+00
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	7.6890e+01	1.4459e+01	8.4801e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	6.2761e+01	1.2267e+01	4.4966e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	6.5182e+01	1.6834e+01	3.7932e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	6.7160e+01	1.6175e+01	7.7768e+00
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	5.6906e+01	-1.9382e+00	5.9159e-01
	194	0.0000e+00	0.0000e+00	0.0000e+00	5.0752e+01	-2.1498e+00	1.2523e+00
	195	0.0000e+00	0.0000e+00	0.0000e+00	5.1441e+01	-4.8932e+00	9.0707e-01
	184	0.0000e+00	0.0000e+00	0.0000e+00	5.7429e+01	-4.3521e+00	2.4631e-01
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	5.5461e+01	3.7514e+00	7.1005e-01
	193	0.0000e+00	0.0000e+00	0.0000e+00	4.9664e+01	3.9042e+00	2.0355e+00
	194	0.0000e+00	0.0000e+00	0.0000e+00	5.0870e+01	-4.1546e-01	2.1265e+00
	183	0.0000e+00	0.0000e+00	0.0000e+00	5.6688e+01	-4.6104e-01	8.0106e-01
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	5.4027e+01	1.0592e+01	1.0747e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	4.8872e+01	1.0392e+01	2.2412e+00
	193	0.0000e+00	0.0000e+00	0.0000e+00	4.9682e+01	5.9722e+00	2.3332e+00
	182	0.0000e+00	0.0000e+00	0.0000e+00	5.5358e+01	5.5720e+00	1.1667e+00
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	5.3305e+01	1.7311e+01	2.1232e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	4.8676e+01	1.6589e+01	2.7452e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	4.8947e+01	1.2425e+01	2.4443e+00
	181	0.0000e+00	0.0000e+00	0.0000e+00	5.4175e+01	1.2359e+01	1.8223e+00
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	5.3705e+01	2.2992e+01	3.9686e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	4.9452e+01	2.1809e+01	3.7107e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	4.8959e+01	1.8295e+01	2.9406e+00
	180	0.0000e+00	0.0000e+00	0.0000e+00	5.3724e+01	1.8790e+01	3.1984e+00
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	5.5525e+01	2.6801e+01	6.4466e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	5.1555e+01	2.5337e+01	5.0274e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	5.0066e+01	2.2960e+01	3.9047e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	5.4409e+01	2.3944e+01	5.3239e+00
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	5.8902e+01	2.7946e+01	9.2105e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	5.5211e+01	2.6457e+01	6.4697e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	5.2571e+01	2.5713e+01	5.2098e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	5.6513e+01	2.6971e+01	7.9507e+00
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	6.3770e+01	2.5835e+01	1.1767e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	6.0298e+01	2.4612e+01	7.7771e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	5.6625e+01	2.5887e+01	6.6627e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	6.0122e+01	2.7094e+01	1.0652e+01
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	6.8904e+01	2.0340e+01	1.3349e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	6.6940e+01	1.9991e+01	8.5764e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	6.2066e+01	2.3017e+01	7.9603e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	6.5020e+01	2.4011e+01	1.2733e+01
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	7.8203e+01	1.2990e+01	1.2799e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	6.7272e+01	1.3610e+01	8.9945e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	6.8490e+01	1.8254e+01	9.9836e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	7.0005e+01	1.6718e+01	1.3788e+01
2352	172	0.0000e+00	0.0000e+00	0.0000e+00	6.7927e+01	-2.1878e+00	-6.4844e-01
	183	0.0000e+00	0.0000e+00	0.0000e+00	5.9667e+01	-1.3741e+00	4.9305e-02
	184	0.0000e+00	0.0000e+00	0.0000e+00	6.0148e+01	-3.7515e+00	8.7799e-01
	173	0.0000e+00	0.0000e+00	0.0000e+00	6.8727e+01	-4.7443e+00	1.8025e-01
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	6.6100e+01	3.8955e+00	-1.2673e+00
	182	0.0000e+00	0.0000e+00	0.0000e+00	5.8222e+01	4.1658e+00	3.8084e-01
	183	0.0000e+00	0.0000e+00	0.0000e+00	5.9508e+01	1.6543e-01	9.3215e-01
	172	0.0000e+00	0.0000e+00	0.0000e+00	6.7838e+01	-7.6614e-01	-7.1598e-01
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	6.3897e+01	1.1640e+01	-7.7480e-01
	181	0.0000e+00	0.0000e+00	0.0000e+00	5.6581e+01	1.1031e+01	1.0844e+00
	182	0.0000e+00	0.0000e+00	0.0000e+00	5.7897e+01	6.3613e+00	1.0285e+00
	171	0.0000e+00	0.0000e+00	0.0000e+00	6.5993e+01	5.8743e+00	-8.3078e-01

2355	169	0.0000e+00	0.0000e+00	0.0000e+00	6.2200e+01	1.9517e+01	1.1491e+00
	180	0.0000e+00	0.0000e+00	0.0000e+00	5.5457e+01	1.7951e+01	2.5506e+00
	181	0.0000e+00	0.0000e+00	0.0000e+00	5.6306e+01	1.3378e+01	1.6747e+00
	170	0.0000e+00	0.0000e+00	0.0000e+00	6.3923e+01	1.3721e+01	2.7317e-01
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	6.1611e+01	2.6213e+01	4.3941e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	5.5405e+01	2.3859e+01	4.8629e+00
	180	0.0000e+00	0.0000e+00	0.0000e+00	5.5433e+01	2.0032e+01	3.2013e+00
	169	0.0000e+00	0.0000e+00	0.0000e+00	6.2443e+01	2.1301e+01	2.7325e+00
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	6.2447e+01	3.0620e+01	8.5595e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	5.6800e+01	2.7803e+01	7.8025e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	5.5767e+01	2.5349e+01	5.5920e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	6.2091e+01	2.7351e+01	6.3489e+00
2358	166	0.0000e+00	0.0000e+00	0.0000e+00	6.4790e+01	3.1730e+01	1.3036e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	5.9809e+01	2.8916e+01	1.0934e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	5.7615e+01	2.8435e+01	8.5610e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	6.3127e+01	3.0795e+01	1.0663e+01
2359	165	0.0000e+00	0.0000e+00	0.0000e+00	6.8448e+01	2.8625e+01	1.6935e+01
	176	0.0000e+00	0.0000e+00	0.0000e+00	6.4282e+01	2.6529e+01	1.3609e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	6.1083e+01	2.8473e+01	1.1647e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	6.5545e+01	3.0654e+01	1.4973e+01
2360	164	0.0000e+00	0.0000e+00	0.0000e+00	7.2792e+01	2.0656e+01	1.8940e+01
	175	0.0000e+00	0.0000e+00	0.0000e+00	6.9873e+01	2.0519e+01	1.4768e+01
	176	0.0000e+00	0.0000e+00	0.0000e+00	6.5975e+01	2.4906e+01	1.4100e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	6.9034e+01	2.6225e+01	1.8272e+01
2361	163	0.0000e+00	0.0000e+00	0.0000e+00	7.7780e+01	8.1770e+00	1.6488e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	7.2478e+01	1.1360e+01	1.3280e+01
	175	0.0000e+00	0.0000e+00	0.0000e+00	7.1664e+01	1.7838e+01	1.5522e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	7.2708e+01	1.6134e+01	1.8730e+01
2362	161	0.0000e+00	0.0000e+00	0.0000e+00	8.0674e+01	-4.0882e+00	-2.3199e+00
	172	0.0000e+00	0.0000e+00	0.0000e+00	7.1834e+01	-2.0261e+00	-1.3341e+00
	173	0.0000e+00	0.0000e+00	0.0000e+00	7.2350e+01	-4.5255e+00	8.2074e-01
	162	0.0000e+00	0.0000e+00	0.0000e+00	8.1967e+01	-7.1611e+00	-1.6499e-01
2363	160	0.0000e+00	0.0000e+00	0.0000e+00	7.7970e+01	3.5704e+00	-4.2181e+00
	171	0.0000e+00	0.0000e+00	0.0000e+00	6.9720e+01	4.1682e+00	-1.8766e+00
	172	0.0000e+00	0.0000e+00	0.0000e+00	7.1381e+01	-2.2472e-01	-6.2155e-01
	161	0.0000e+00	0.0000e+00	0.0000e+00	8.0605e+01	-2.3630e+00	-2.9631e+00
2364	159	0.0000e+00	0.0000e+00	0.0000e+00	7.4666e+01	1.3311e+01	-3.8404e+00
	170	0.0000e+00	0.0000e+00	0.0000e+00	6.7005e+01	1.2258e+01	-1.0432e+00
	171	0.0000e+00	0.0000e+00	0.0000e+00	6.8959e+01	6.8501e+00	-1.1677e+00
	160	0.0000e+00	0.0000e+00	0.0000e+00	7.7845e+01	6.0680e+00	-3.9648e+00
2365	158	0.0000e+00	0.0000e+00	0.0000e+00	7.1833e+01	2.3063e+01	-1.0505e+00
	169	0.0000e+00	0.0000e+00	0.0000e+00	6.4673e+01	2.0544e+01	1.3317e+00
	170	0.0000e+00	0.0000e+00	0.0000e+00	6.6291e+01	1.5156e+01	-2.0858e-01
	159	0.0000e+00	0.0000e+00	0.0000e+00	7.4585e+01	1.5995e+01	-2.5907e+00
2366	157	0.0000e+00	0.0000e+00	0.0000e+00	7.0105e+01	3.1145e+01	3.6209e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	6.3438e+01	2.7570e+01	5.0347e+00
	169	0.0000e+00	0.0000e+00	0.0000e+00	6.4259e+01	2.3125e+01	2.3642e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	7.1879e+01	2.5372e+01	9.5039e-01
2367	156	0.0000e+00	0.0000e+00	0.0000e+00	6.9710e+01	3.6241e+01	9.4051e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	6.3672e+01	3.2117e+01	9.5976e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	6.3450e+01	2.9444e+01	6.2451e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	7.0285e+01	3.2628e+01	6.0526e+00
2368	155	0.0000e+00	0.0000e+00	0.0000e+00	7.0621e+01	3.7120e+01	1.5418e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	6.5445e+01	3.3093e+01	1.4340e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	6.4138e+01	3.2982e+01	1.0873e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	6.9949e+01	3.6511e+01	1.1952e+01
2369	154	0.0000e+00	0.0000e+00	0.0000e+00	7.2496e+01	3.2415e+01	2.0490e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	6.8661e+01	2.9494e+01	1.8270e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	6.6351e+01	3.2644e+01	1.5479e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	7.0732e+01	3.5808e+01	1.7699e+01
2370	153	0.0000e+00	0.0000e+00	0.0000e+00	7.5766e+01	2.0721e+01	2.3031e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	7.2316e+01	2.0498e+01	1.9825e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	6.9953e+01	2.7592e+01	1.8984e+01

	154	0.0000e+00	0.0000e+00	0.0000e+00	7.2247e+01	2.9201e+01	2.2190e+01
2371	152	0.0000e+00	0.0000e+00	0.0000e+00	7.3386e+01	5.1114e-01	1.8839e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	7.8782e+01	6.1873e+00	1.6682e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	7.4081e+01	1.5901e+01	1.9677e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	7.4129e+01	1.5048e+01	2.1834e+01
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	9.1165e+01	-8.3070e+00	-4.8256e+00
	161	0.0000e+00	0.0000e+00	0.0000e+00	8.4930e+01	-4.6585e+00	-3.2972e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	8.5659e+01	-7.6658e+00	5.5868e-01
	151	0.0000e+00	0.0000e+00	0.0000e+00	9.3241e+01	-1.2423e+01	-9.6964e-01
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	8.7139e+01	2.4902e+00	-8.5853e+00
	160	0.0000e+00	0.0000e+00	0.0000e+00	8.1655e+01	3.4018e+00	-5.1117e+00
	161	0.0000e+00	0.0000e+00	0.0000e+00	8.4033e+01	-2.2118e+00	-3.0386e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	9.1133e+01	-5.8196e+00	-6.5122e+00
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	8.2590e+01	1.5616e+01	-8.3027e+00
	159	0.0000e+00	0.0000e+00	0.0000e+00	7.7478e+01	1.3933e+01	-4.3268e+00
	160	0.0000e+00	0.0000e+00	0.0000e+00	8.0314e+01	6.9948e+00	-4.6694e+00
	149	0.0000e+00	0.0000e+00	0.0000e+00	8.7050e+01	6.0584e+00	-8.6453e+00
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	7.8798e+01	2.8017e+01	-4.4475e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	7.3762e+01	2.4410e+01	-1.0713e+00
	159	0.0000e+00	0.0000e+00	0.0000e+00	7.6277e+01	1.7634e+01	-3.5016e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	8.2478e+01	1.9325e+01	-6.8778e+00
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	7.6202e+01	3.7726e+01	1.6895e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	7.1277e+01	3.2952e+01	3.9840e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	7.2981e+01	2.7559e+01	1.6945e-01
	147	0.0000e+00	0.0000e+00	0.0000e+00	7.8709e+01	3.1100e+01	-2.1250e+00
2377	145	0.0000e+00	0.0000e+00	0.0000e+00	7.4738e+01	4.3426e+01	8.8791e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	7.0234e+01	3.8170e+01	1.0017e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	7.0956e+01	3.5163e+01	5.5360e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	7.6103e+01	3.9675e+01	4.3978e+00
2378	144	0.0000e+00	0.0000e+00	0.0000e+00	7.4179e+01	4.3798e+01	1.6040e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	7.0495e+01	3.8792e+01	1.6114e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	7.0300e+01	3.9162e+01	1.1673e+01
	145	0.0000e+00	0.0000e+00	0.0000e+00	7.4509e+01	4.3839e+01	1.1599e+01
2379	143	0.0000e+00	0.0000e+00	0.0000e+00	7.3941e+01	3.7032e+01	2.1916e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	7.2050e+01	3.3395e+01	2.1078e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	7.0877e+01	3.8178e+01	1.7541e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	7.3576e+01	4.2252e+01	1.8379e+01
2380	142	0.0000e+00	0.0000e+00	0.0000e+00	7.6093e+01	2.0830e+01	2.5000e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	7.2801e+01	2.0174e+01	2.3107e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	7.2633e+01	3.1043e+01	2.1966e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	7.2786e+01	3.2873e+01	2.3860e+01
2381	141	0.0000e+00	0.0000e+00	0.0000e+00	6.2325e+01	-9.2639e+00	1.9288e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	8.5850e+01	-1.1932e+00	1.8590e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	7.4322e+01	1.2683e+01	2.1632e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	7.2572e+01	1.4122e+01	2.2330e+01
2382	139	0.0000e+00	0.0000e+00	0.0000e+00	9.2705e+01	-1.5888e+01	-8.6785e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	9.4509e+01	-1.0207e+01	-6.2543e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	9.5600e+01	-1.4293e+01	-4.8696e-02
	140	0.0000e+00	0.0000e+00	0.0000e+00	9.6062e+01	-2.2141e+01	-2.4728e+00
2383	138	0.0000e+00	0.0000e+00	0.0000e+00	8.7142e+01	7.7993e-01	-1.4669e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	8.9462e+01	1.5969e+00	-9.6519e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	9.2837e+01	-6.5067e+00	-6.9413e+00
	139	0.0000e+00	0.0000e+00	0.0000e+00	9.2971e+01	-1.1599e+01	-1.1958e+01
2384	137	0.0000e+00	0.0000e+00	0.0000e+00	8.2022e+01	1.8924e+01	-1.3738e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	8.3623e+01	1.6220e+01	-8.7616e+00
	149	0.0000e+00	0.0000e+00	0.0000e+00	8.7400e+01	6.5910e+00	-9.9228e+00
	138	0.0000e+00	0.0000e+00	0.0000e+00	8.7376e+01	6.4184e+00	-1.4900e+01
2385	136	0.0000e+00	0.0000e+00	0.0000e+00	7.8329e+01	3.4513e+01	-8.2981e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	7.8838e+01	2.9702e+01	-4.4573e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	8.2065e+01	2.0845e+01	-8.2385e+00
	137	0.0000e+00	0.0000e+00	0.0000e+00	8.2149e+01	2.4277e+01	-1.2079e+01
2386	135	0.0000e+00	0.0000e+00	0.0000e+00	7.5811e+01	4.5754e+01	-7.4591e-01
	146	0.0000e+00	0.0000e+00	0.0000e+00	7.5596e+01	3.9924e+01	1.8915e+00

	147	0.0000e+00	0.0000e+00	0.0000e+00	7.7920e+01	3.3303e+01	-3.2123e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	7.8326e+01	3.8599e+01	-5.8497e+00
2387	134	0.0000e+00	0.0000e+00	0.0000e+00	7.3946e+01	5.1707e+01	7.3768e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	7.3655e+01	4.5644e+01	9.0780e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	7.5133e+01	4.2275e+01	3.5841e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	7.5590e+01	4.8189e+01	1.8829e+00
2388	133	0.0000e+00	0.0000e+00	0.0000e+00	7.2297e+01	5.1184e+01	1.4993e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	7.2537e+01	4.5595e+01	1.6041e+01
	145	0.0000e+00	0.0000e+00	0.0000e+00	7.3415e+01	4.6559e+01	1.0889e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	7.3341e+01	5.2201e+01	9.8415e+00
2389	132	0.0000e+00	0.0000e+00	0.0000e+00	6.9982e+01	4.2052e+01	2.0984e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	7.2334e+01	3.7987e+01	2.1566e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	7.2358e+01	4.4624e+01	1.7526e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	7.1026e+01	4.9366e+01	1.6944e+01
2390	131	0.0000e+00	0.0000e+00	0.0000e+00	7.1305e+01	2.1225e+01	2.4358e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	6.9266e+01	1.9807e+01	2.4023e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	7.1961e+01	3.5102e+01	2.2545e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	6.7995e+01	3.6908e+01	2.2880e+01
2391	130	0.0000e+00	0.0000e+00	0.0000e+00	4.1556e+01	-1.9881e+01	1.7490e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	9.2589e+01	-9.7637e+00	1.8550e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	7.0349e+01	8.5559e+00	2.0649e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	6.5741e+01	1.4096e+01	1.9589e+01
2392	128	0.0000e+00	0.0000e+00	0.0000e+00	7.4279e+01	-2.7770e+01	-1.4563e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	9.3304e+01	-2.0046e+01	-1.0638e+01
	140	0.0000e+00	0.0000e+00	0.0000e+00	9.5055e+01	-2.6472e+01	-1.1618e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	7.9731e+01	-3.9406e+01	-5.0871e+00
2393	127	0.0000e+00	0.0000e+00	0.0000e+00	6.8430e+01	5.7533e-01	-2.1701e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	8.5613e+01	-7.6385e-01	-1.5181e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	9.0173e+01	-1.3721e+01	-1.3121e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	7.5832e+01	-1.9551e+01	-1.9641e+01
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	6.5871e+01	2.4656e+01	-1.7917e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	7.8840e+01	1.9905e+01	-1.3472e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	8.3227e+01	6.0184e+00	-1.6733e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	6.9641e+01	8.3767e+00	-2.1178e+01
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	6.4747e+01	4.2931e+01	-1.0679e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	7.4595e+01	3.6664e+01	-7.8574e+00
	137	0.0000e+00	0.0000e+00	0.0000e+00	7.7732e+01	2.5168e+01	-1.3415e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	6.6788e+01	3.1015e+01	-1.6236e+01
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	6.3912e+01	5.4912e+01	-2.3857e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	7.1967e+01	4.8187e+01	-4.5964e-01
	136	0.0000e+00	0.0000e+00	0.0000e+00	7.4179e+01	4.0326e+01	-6.7471e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	6.5233e+01	4.7309e+01	-8.6732e+00
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	6.2620e+01	6.0315e+01	5.6956e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	7.0070e+01	5.3900e+01	7.2767e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	7.1757e+01	5.0350e+01	1.1265e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	6.3834e+01	5.7341e+01	-4.5463e-01
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	6.0474e+01	5.8256e+01	1.2725e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	6.8154e+01	5.2746e+01	1.4315e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	6.9721e+01	5.4466e+01	8.9015e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	6.1824e+01	6.0756e+01	7.3115e+00
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	5.6501e+01	4.6467e+01	1.7927e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	6.6551e+01	4.2720e+01	1.9629e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	6.7447e+01	5.1188e+01	1.5468e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	5.8727e+01	5.6513e+01	1.3766e+01
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	5.7985e+01	2.1464e+01	2.1065e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	5.9119e+01	1.9604e+01	2.2126e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	6.5080e+01	3.9218e+01	2.0465e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	5.3972e+01	4.0978e+01	1.9404e+01
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	8.0301e+00	-2.9372e+01	1.3548e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	9.6993e+01	-1.7930e+01	1.6371e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	5.9511e+01	4.0413e+00	1.6184e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	5.0693e+01	1.5893e+01	1.3360e+01
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	1.4657e+01	-5.0598e+01	-2.2578e+01

	128	0.0000e+00	0.0000e+00	0.0000e+00	6.9584e+01	-3.5580e+01	-1.7802e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	7.1007e+01	-4.8596e+01	-3.1856e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	2.1998e+01	-6.5441e+01	-7.9623e+00
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	2.0889e+01	-5.1642e+00	-2.2846e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	5.9758e+01	2.9011e-01	-2.0766e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	6.1147e+01	-2.3929e+01	-2.3906e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	2.3315e+01	-1.1631e+01	-2.5985e+01
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	2.7801e+01	2.6284e+01	-1.5942e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	5.6631e+01	2.6495e+01	-1.6744e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	5.7560e+01	6.5924e+00	-2.3187e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	2.5399e+01	2.0850e+01	-2.2385e+01
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	3.2668e+01	4.7980e+01	-8.9828e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	5.6202e+01	4.5226e+01	-9.8311e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	5.6219e+01	3.0883e+01	-1.6859e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	3.1095e+01	4.3450e+01	-1.6011e+01
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	3.5086e+01	6.1826e+01	-1.8924e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	5.5891e+01	5.6983e+01	-1.9856e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	5.6240e+01	4.8161e+01	-8.9501e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	3.4566e+01	5.8501e+01	-8.8570e+00
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	3.5009e+01	6.8038e+01	4.6260e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	5.4844e+01	6.1872e+01	5.5315e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	5.5954e+01	5.8589e+01	-8.7074e-01
	108	0.0000e+00	0.0000e+00	0.0000e+00	3.5560e+01	6.6380e+01	-1.7762e+00
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	3.2644e+01	6.6041e+01	9.9085e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	5.2531e+01	5.9082e+01	1.1871e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	5.4702e+01	6.1965e+01	6.4528e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	3.4075e+01	6.6819e+01	4.4899e+00
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	2.7432e+01	5.3992e+01	1.3591e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	4.9661e+01	4.6578e+01	1.6428e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	5.1990e+01	5.7098e+01	1.2125e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	3.0308e+01	5.9063e+01	9.2886e+00
2410	100	0.0000e+00	0.0000e+00	0.0000e+00	2.9340e+01	2.7273e+01	1.6008e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	3.8082e+01	1.9160e+01	1.8687e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	4.8300e+01	4.2734e+01	1.6663e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	2.4037e+01	3.9033e+01	1.3985e+01
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	-4.0298e+01	-3.3556e+01	9.4875e+00
	119	0.0000e+00	0.0000e+00	0.0000e+00	9.5018e+01	-2.3145e+01	1.2264e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	3.9184e+01	-7.6815e-01	8.9924e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	2.0631e+01	1.6775e+01	6.2159e+00
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	-8.1788e+01	8.2460e+01	9.8224e+00
	116	0.0000e+00	0.0000e+00	0.0000e+00	-3.2893e+01	-5.0795e+01	1.9588e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	4.8467e+01	-8.4113e+01	-1.0573e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.7758e+02	-1.9005e+02	-2.7089e+00
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	-5.0131e+01	8.6767e+01	1.8082e+00
	114	0.0000e+00	0.0000e+00	0.0000e+00	-1.4335e+01	3.8615e+00	-7.3347e+00
	116	0.0000e+00	0.0000e+00	0.0000e+00	-3.6510e+00	-2.7322e+01	-9.2109e+00
	117	0.0000e+00	0.0000e+00	0.0000e+00	-7.7590e+01	-1.0614e+02	-6.7945e-02
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	-3.0647e+01	9.4113e+01	-4.1792e-01
	112	0.0000e+00	0.0000e+00	0.0000e+00	7.7875e-01	3.1417e+01	-5.6289e+00
	114	0.0000e+00	0.0000e+00	0.0000e+00	9.0789e+00	1.2191e+01	-7.4591e+00
	115	0.0000e+00	0.0000e+00	0.0000e+00	-4.8509e+01	-4.6515e+01	-2.2482e+00
2415	111	0.0000e+00	0.0000e+00	0.0000e+00	-1.9765e+01	9.4946e+01	-4.8116e-01
	110	0.0000e+00	0.0000e+00	0.0000e+00	1.0625e+01	5.1062e+01	-2.8141e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	1.6725e+01	3.8544e+01	-5.3518e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	-3.0146e+01	1.9168e-01	-3.0188e+00
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	-1.5629e+01	8.8672e+01	7.1338e-01
	108	0.0000e+00	0.0000e+00	0.0000e+00	1.6369e+01	6.3096e+01	4.5468e-01
	110	0.0000e+00	0.0000e+00	0.0000e+00	2.0330e+01	5.6031e+01	-2.3786e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	-2.0064e+01	3.6631e+01	-2.1199e+00
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.6879e+01	7.4388e+01	2.1547e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	1.8792e+01	6.7493e+01	3.2827e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	2.0308e+01	6.5489e+01	6.8666e-01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-1.6326e+01	6.4254e+01	-4.4131e-01

2418	105	0.0000e+00	0.0000e+00	0.0000e+00	-2.2311e+01	5.0921e+01	3.0945e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	1.8536e+01	6.3648e+01	4.9004e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	1.7110e+01	6.6889e+01	2.9832e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.7572e+01	8.3796e+01	1.1773e+00
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	-3.0714e+01	1.7122e+01	3.4159e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	1.6603e+01	5.0061e+01	4.9387e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	1.1153e+01	5.9474e+01	3.7024e+00
	105	0.0000e+00	0.0000e+00	0.0000e+00	-2.2469e+01	9.5109e+01	2.1795e+00
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	-3.7888e+01	-2.7591e+01	5.4711e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	9.8934e+00	2.1019e+01	6.1851e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	2.5415e+00	4.1944e+01	3.6084e+00
	103	0.0000e+00	0.0000e+00	0.0000e+00	-2.9226e+01	9.6171e+01	2.8944e+00
2421	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0085e+02	-8.4535e+01	1.7800e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	8.3718e+01	-2.1525e+01	5.2220e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	-4.9476e+00	-4.8853e+00	-9.6311e+00
	101	0.0000e+00	0.0000e+00	0.0000e+00	-3.5264e+01	9.0504e+01	2.9472e+00

SFORZI "Q3" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	-1.8292e+01	2.6434e+01	4.7959e-01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-1.4421e+01	-3.8656e+01	7.4572e+00
	84	0.0000e+00	0.0000e+00	0.0000e+00	1.6845e+01	-5.1074e+01	-8.4091e-01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-3.5990e+01	-9.9094e+01	-7.8185e+00
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	-1.7632e+01	3.3096e+01	4.3168e+00
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-1.1214e+01	-9.2030e+00	6.4955e+00
	1893	0.0000e+00	0.0000e+00	0.0000e+00	1.5751e-01	-1.5788e+01	4.8994e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-2.4768e+01	-5.4803e+01	2.7206e+00
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.6304e+01	3.3560e+01	5.2408e+00
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-8.4373e+00	7.6589e+00	6.4276e+00
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-1.3452e+00	4.2096e+00	6.2983e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-2.1088e+01	-2.1426e+01	5.1115e+00
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.6234e+01	2.7447e+01	5.0354e+00
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-6.0823e+00	1.6472e+01	5.6164e+00
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-3.0339e+00	1.5146e+01	6.0689e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.8153e+01	3.2407e+00	5.4879e+00
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.7617e+01	1.4850e+01	4.7799e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-4.0999e+00	1.7563e+01	4.8478e+00
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-4.8895e+00	1.8205e+01	5.2087e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.6695e+01	2.0176e+01	5.1408e+00
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.9965e+01	-4.6647e+00	5.4664e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-2.1723e+00	1.1127e+01	4.6973e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-6.9487e+00	1.3662e+01	4.3952e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.6684e+01	3.0075e+01	5.1643e+00
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	-2.1116e+01	-3.1242e+01	8.0317e+00
	1887	0.0000e+00	0.0000e+00	0.0000e+00	1.6351e+00	-2.2343e+00	4.7640e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-8.5164e+00	1.4231e+00	3.6322e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.7318e+01	3.2759e+01	6.9000e+00
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-2.0126e+00	-6.3082e+01	1.3099e+01
	83	0.0000e+00	0.0000e+00	0.0000e+00	8.9975e+00	-1.7734e+01	-1.0220e+00
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-5.3777e+00	-1.6112e+01	4.6464e-01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.5095e+01	2.6177e+01	1.4586e+01
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	-1.5091e+01	2.6177e+01	-1.4594e+01
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-5.3764e+00	-1.6090e+01	-4.7576e-01
	83	0.0000e+00	0.0000e+00	0.0000e+00	8.9919e+00	-1.7731e+01	1.0049e+00
	28	0.0000e+00	0.0000e+00	0.0000e+00	-2.0068e+00	-6.3044e+01	-1.3114e+01
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	-1.7317e+01	3.2758e+01	-6.9104e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-8.5140e+00	1.4369e+00	-3.6423e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	1.6347e+00	-2.2204e+00	-4.7736e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	-2.1111e+01	-3.1214e+01	-8.0417e+00
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	-1.6685e+01	3.0069e+01	-5.1753e+00
	1884	0.0000e+00	0.0000e+00	0.0000e+00	-6.9469e+00	1.3669e+01	-4.4062e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-2.1738e+00	1.1135e+01	-4.7078e+00

1653 0.0000e+00 0.0000e+00 0.0000e+00 -1.9963e+01 -4.6440e+00 -5.4769e+00

685 1651 0.0000e+00 0.0000e+00 0.0000e+00 -1.6699e+01 2.0162e+01 -5.1518e+00  
1883 0.0000e+00 0.0000e+00 0.0000e+00 -4.8882e+00 1.8205e+01 -5.2200e+00  
1884 0.0000e+00 0.0000e+00 0.0000e+00 -4.1022e+00 1.7565e+01 -4.8591e+00  
1652 0.0000e+00 0.0000e+00 0.0000e+00 -1.7617e+01 1.4865e+01 -4.7909e+00

686 1650 0.0000e+00 0.0000e+00 0.0000e+00 -1.8158e+01 3.2172e+00 -5.4984e+00  
1882 0.0000e+00 0.0000e+00 0.0000e+00 -3.0328e+00 1.5139e+01 -6.0799e+00  
1883 0.0000e+00 0.0000e+00 0.0000e+00 -6.0853e+00 1.6467e+01 -5.6278e+00  
1651 0.0000e+00 0.0000e+00 0.0000e+00 -1.6236e+01 2.7458e+01 -5.0463e+00

687 1649 0.0000e+00 0.0000e+00 0.0000e+00 -2.1096e+01 -2.1462e+01 -5.1210e+00  
1881 0.0000e+00 0.0000e+00 0.0000e+00 -1.3444e+00 4.1924e+00 -6.3082e+00  
1882 0.0000e+00 0.0000e+00 0.0000e+00 -8.4415e+00 7.6440e+00 -6.4384e+00  
1650 0.0000e+00 0.0000e+00 0.0000e+00 -1.6307e+01 3.3566e+01 -5.2512e+00

688 1648 0.0000e+00 0.0000e+00 0.0000e+00 -2.4779e+01 -5.4855e+01 -2.7285e+00  
1880 0.0000e+00 0.0000e+00 0.0000e+00 1.5674e-01 -1.5816e+01 -4.9070e+00  
1881 0.0000e+00 0.0000e+00 0.0000e+00 -1.1220e+01 -9.2289e+00 -6.5046e+00  
1649 0.0000e+00 0.0000e+00 0.0000e+00 -1.7638e+01 3.3096e+01 -4.3261e+00

689 27 0.0000e+00 0.0000e+00 0.0000e+00 -3.6019e+01 -9.9171e+01 7.8116e+00  
82 0.0000e+00 0.0000e+00 0.0000e+00 1.6857e+01 -5.1109e+01 8.3327e-01  
1880 0.0000e+00 0.0000e+00 0.0000e+00 -1.4429e+01 -3.8701e+01 -7.4658e+00  
1648 0.0000e+00 0.0000e+00 0.0000e+00 -1.8302e+01 2.6434e+01 -4.8739e-01

690 1879 0.0000e+00 0.0000e+00 0.0000e+00 -2.2340e+01 -3.6130e+01 1.9289e+01  
882 0.0000e+00 0.0000e+00 0.0000e+00 -4.3727e+01 3.6756e+01 8.7040e+00  
7 0.0000e+00 0.0000e+00 0.0000e+00 -5.1676e+01 -1.0672e+02 7.9735e+00  
73 0.0000e+00 0.0000e+00 0.0000e+00 -3.4972e+01 -3.2334e+01 1.8558e+01

691 1878 0.0000e+00 0.0000e+00 0.0000e+00 -1.5747e+01 -1.1436e+01 5.9792e+00  
880 0.0000e+00 0.0000e+00 0.0000e+00 -2.6884e+01 3.8589e+01 3.0699e+00  
882 0.0000e+00 0.0000e+00 0.0000e+00 -4.4459e+01 -5.7098e+01 8.1449e+00  
1879 0.0000e+00 0.0000e+00 0.0000e+00 -3.8290e+00 -1.7514e+01 1.1054e+01

692 1877 0.0000e+00 0.0000e+00 0.0000e+00 -1.0466e+01 8.2914e+00 2.2119e+00  
878 0.0000e+00 0.0000e+00 0.0000e+00 -2.1355e+01 3.6155e+01 1.6341e+00  
880 0.0000e+00 0.0000e+00 0.0000e+00 -2.9148e+01 -2.0016e+01 3.6065e+00  
1878 0.0000e+00 0.0000e+00 0.0000e+00 -3.7965e+00 3.7892e+00 4.1843e+00

693 1876 0.0000e+00 0.0000e+00 0.0000e+00 -7.1814e+00 1.7283e+01 1.1133e+00  
876 0.0000e+00 0.0000e+00 0.0000e+00 -2.0345e+01 2.7565e+01 1.1897e+00  
878 0.0000e+00 0.0000e+00 0.0000e+00 -2.2805e+01 6.5423e+00 1.7400e+00  
1877 0.0000e+00 0.0000e+00 0.0000e+00 -4.5736e+00 1.5692e+01 1.6636e+00

694 1875 0.0000e+00 0.0000e+00 0.0000e+00 -5.1131e+00 1.6920e+01 4.4648e-01  
874 0.0000e+00 0.0000e+00 0.0000e+00 -2.2685e+01 1.1525e+01 7.3364e-01  
876 0.0000e+00 0.0000e+00 0.0000e+00 -2.0570e+01 2.4504e+01 1.2647e+00  
1876 0.0000e+00 0.0000e+00 0.0000e+00 -6.6699e+00 1.8016e+01 9.7750e-01

695 1874 0.0000e+00 0.0000e+00 0.0000e+00 -4.3647e+00 6.9508e+00 -2.0067e+00  
872 0.0000e+00 0.0000e+00 0.0000e+00 -2.9168e+01 -1.3233e+01 -1.0553e+00  
874 0.0000e+00 0.0000e+00 0.0000e+00 -2.1684e+01 3.5089e+01 8.5981e-01  
1875 0.0000e+00 0.0000e+00 0.0000e+00 -9.9981e+00 1.0966e+01 -9.1541e-02

696 1873 0.0000e+00 0.0000e+00 0.0000e+00 -4.2795e+00 -1.2444e+01 -8.7411e+00  
870 0.0000e+00 0.0000e+00 0.0000e+00 -4.4789e+01 -4.8697e+01 -5.4614e+00  
872 0.0000e+00 0.0000e+00 0.0000e+00 -2.7348e+01 3.9579e+01 -4.7495e-01  
1874 0.0000e+00 0.0000e+00 0.0000e+00 -1.5343e+01 -6.9326e+00 -3.7547e+00

697 72 0.0000e+00 0.0000e+00 0.0000e+00 -3.8513e+01 -2.5260e+01 -1.5988e+01  
6 0.0000e+00 0.0000e+00 0.0000e+00 -5.0104e+01 -9.6790e+01 -4.6359e+00  
870 0.0000e+00 0.0000e+00 0.0000e+00 -4.4571e+01 3.9566e+01 -6.0632e+00  
1873 0.0000e+00 0.0000e+00 0.0000e+00 -2.1973e+01 -2.9028e+01 -1.7415e+01

698 1872 0.0000e+00 0.0000e+00 0.0000e+00 -2.1968e+01 -2.9013e+01 1.7503e+01  
796 0.0000e+00 0.0000e+00 0.0000e+00 -4.4588e+01 3.9568e+01 6.1534e+00  
6 0.0000e+00 0.0000e+00 0.0000e+00 -5.0117e+01 -9.6742e+01 4.7076e+00  
72 0.0000e+00 0.0000e+00 0.0000e+00 -3.8506e+01 -2.5188e+01 1.6057e+01

699 1871 0.0000e+00 0.0000e+00 0.0000e+00 -1.5344e+01 -6.9266e+00 3.8454e+00  
794 0.0000e+00 0.0000e+00 0.0000e+00 -2.7369e+01 3.9559e+01 5.6580e-01  
796 0.0000e+00 0.0000e+00 0.0000e+00 -4.4801e+01 -4.8659e+01 5.5526e+00  
1872 0.0000e+00 0.0000e+00 0.0000e+00 -4.2891e+00 -1.2432e+01 8.8322e+00

700 1870 0.0000e+00 0.0000e+00 0.0000e+00 -9.9995e+00 1.0954e+01 1.7830e-01  
792 0.0000e+00 0.0000e+00 0.0000e+00 -2.1715e+01 3.5040e+01 -7.7200e-01

	794	0.0000e+00	0.0000e+00	0.0000e+00	-2.9186e+01	-1.3198e+01	1.1460e+00
	1871	0.0000e+00	0.0000e+00	0.0000e+00	-4.3763e+00	6.9425e+00	2.0963e+00
701	1869	0.0000e+00	0.0000e+00	0.0000e+00	-6.6713e+00	1.7978e+01	-8.9644e-01
	790	0.0000e+00	0.0000e+00	0.0000e+00	-2.0613e+01	2.4410e+01	-1.1832e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	-2.2712e+01	1.1557e+01	-6.4738e-01
	1870	0.0000e+00	0.0000e+00	0.0000e+00	-5.1298e+00	1.6887e+01	-3.6062e-01
702	1868	0.0000e+00	0.0000e+00	0.0000e+00	-4.5743e+00	1.5613e+01	-1.5911e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-2.2862e+01	6.3843e+00	-1.6690e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	-2.0382e+01	2.7591e+01	-1.1112e+00
	1869	0.0000e+00	0.0000e+00	0.0000e+00	-7.2049e+00	1.7214e+01	-1.0334e+00
703	1867	0.0000e+00	0.0000e+00	0.0000e+00	-3.7945e+00	3.6530e+00	-4.1240e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-2.9219e+01	-2.0263e+01	-3.5514e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-2.1402e+01	3.6166e+01	-1.5681e+00
	1868	0.0000e+00	0.0000e+00	0.0000e+00	-1.0497e+01	8.1700e+00	-2.1408e+00
704	1866	0.0000e+00	0.0000e+00	0.0000e+00	-3.8222e+00	-1.7731e+01	-1.1011e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-4.4536e+01	-5.7462e+01	-8.1137e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-2.6940e+01	3.8573e+01	-3.0233e+00
	1867	0.0000e+00	0.0000e+00	0.0000e+00	-1.5786e+01	-1.1629e+01	-5.9202e+00
705	71	0.0000e+00	0.0000e+00	0.0000e+00	-3.4883e+01	-3.2692e+01	-1.8544e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-5.1779e+01	-1.0724e+02	-8.0009e+00
	784	0.0000e+00	0.0000e+00	0.0000e+00	-4.3775e+01	3.6697e+01	-8.6886e+00
	1866	0.0000e+00	0.0000e+00	0.0000e+00	-2.2385e+01	-3.6435e+01	-1.9232e+01
706	1865	0.0000e+00	0.0000e+00	0.0000e+00	-2.0398e+01	-3.5289e+01	2.3989e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-5.0262e+01	2.5972e+01	1.3326e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	-4.9211e+01	-9.5338e+01	1.0632e+01
	75	0.0000e+00	0.0000e+00	0.0000e+00	-4.0406e+01	-2.8014e+01	2.1295e+01
707	1864	0.0000e+00	0.0000e+00	0.0000e+00	-1.5569e+01	-2.0424e+01	9.7812e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-3.3784e+01	2.2536e+01	6.3192e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-4.8722e+01	-5.3771e+01	1.2065e+01
	1865	0.0000e+00	0.0000e+00	0.0000e+00	-6.7851e+00	-2.3739e+01	1.5527e+01
708	1863	0.0000e+00	0.0000e+00	0.0000e+00	-1.0950e+01	-6.4839e+00	3.9162e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-2.8807e+01	1.4357e+01	2.8516e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-3.4051e+01	-2.2195e+01	6.5921e+00
	1864	0.0000e+00	0.0000e+00	0.0000e+00	-7.5992e+00	-9.7703e+00	7.6568e+00
709	1862	0.0000e+00	0.0000e+00	0.0000e+00	-8.3186e+00	-3.3122e+00	-4.4355e-01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-2.9103e+01	5.0352e-02	-4.1493e-01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-2.9067e+01	-1.5562e-02	2.5525e+00
	1863	0.0000e+00	0.0000e+00	0.0000e+00	-8.3041e+00	-3.3299e+00	2.5239e+00
710	1861	0.0000e+00	0.0000e+00	0.0000e+00	-7.6429e+00	-9.7326e+00	-5.5832e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-3.4197e+01	-2.2134e+01	-4.4597e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-2.8871e+01	1.4363e+01	-7.1372e-01
	1862	0.0000e+00	0.0000e+00	0.0000e+00	-1.0971e+01	-6.4663e+00	-1.8372e+00
711	1860	0.0000e+00	0.0000e+00	0.0000e+00	-6.8405e+00	-2.3794e+01	-1.3507e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-4.9038e+01	-5.3832e+01	-9.9756e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-3.3950e+01	2.2655e+01	-4.1824e+00
	1861	0.0000e+00	0.0000e+00	0.0000e+00	-1.5650e+01	-2.0418e+01	-7.7139e+00
712	74	0.0000e+00	0.0000e+00	0.0000e+00	-4.1197e+01	-2.9019e+01	-1.9800e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.9451e+01	-9.5719e+01	-8.8867e+00
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-5.0551e+01	2.6132e+01	-1.1243e+01
	1860	0.0000e+00	0.0000e+00	0.0000e+00	-2.0695e+01	-3.5265e+01	-2.2157e+01
713	1599	0.0000e+00	0.0000e+00	0.0000e+00	-2.1085e+01	1.7828e+01	-7.9066e+00
	1859	0.0000e+00	0.0000e+00	0.0000e+00	-1.1745e+01	-3.6093e+01	-1.8752e-01
	86	0.0000e+00	0.0000e+00	0.0000e+00	1.3305e+01	-4.5972e+01	-6.7219e+00
	31	0.0000e+00	0.0000e+00	0.0000e+00	-3.2412e+01	-8.5191e+01	-1.4441e+01
714	1598	0.0000e+00	0.0000e+00	0.0000e+00	-2.1522e+01	1.8622e+01	-3.3949e+00
	1858	0.0000e+00	0.0000e+00	0.0000e+00	-9.9659e+00	-1.3661e+01	-1.1698e+00
	1859	0.0000e+00	0.0000e+00	0.0000e+00	-2.4034e+00	-1.9814e+01	-3.0205e+00
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-2.5128e+01	-4.7933e+01	-5.2456e+00
715	1597	0.0000e+00	0.0000e+00	0.0000e+00	-2.1222e+01	1.3317e+01	-1.5368e+00
	1857	0.0000e+00	0.0000e+00	0.0000e+00	-7.8147e+00	-2.9991e+00	-5.8186e-01
	1858	0.0000e+00	0.0000e+00	0.0000e+00	-3.9764e+00	-5.6159e+00	-1.3550e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-2.3363e+01	-2.0192e+01	-2.3099e+00
716	1596	0.0000e+00	0.0000e+00	0.0000e+00	-2.1759e+01	7.5231e-01	-3.8441e-01



1856 0.0000e+00 0.0000e+00 0.0000e+00 -5.8642e+00 -1.3513e-01 -3.6388e-01  
1857 0.0000e+00 0.0000e+00 0.0000e+00 -5.7760e+00 -2.0172e-01 -8.3355e-01  
1597 0.0000e+00 0.0000e+00 0.0000e+00 -2.1811e+01 -3.2401e-02 -8.5409e-01

717 1595 0.0000e+00 0.0000e+00 0.0000e+00 -2.3263e+01 -1.9054e+01 1.0310e+00  
1855 0.0000e+00 0.0000e+00 0.0000e+00 -4.0499e+00 -5.1597e+00 1.1724e-01  
1856 0.0000e+00 0.0000e+00 0.0000e+00 -7.7119e+00 -2.6775e+00 -6.2123e-01  
1596 0.0000e+00 0.0000e+00 0.0000e+00 -2.1225e+01 1.2879e+01 2.9249e-01

718 1594 0.0000e+00 0.0000e+00 0.0000e+00 -2.4979e+01 -4.6433e+01 3.8776e+00  
1854 0.0000e+00 0.0000e+00 0.0000e+00 -2.4450e+00 -1.8951e+01 1.6870e+00  
1855 0.0000e+00 0.0000e+00 0.0000e+00 -9.8430e+00 -1.2951e+01 -8.9807e-02  
1595 0.0000e+00 0.0000e+00 0.0000e+00 -2.1476e+01 1.8529e+01 2.1008e+00

719 30 0.0000e+00 0.0000e+00 0.0000e+00 -3.2057e+01 -8.3312e+01 1.2903e+01  
85 0.0000e+00 0.0000e+00 0.0000e+00 1.3254e+01 -4.4596e+01 5.1691e+00  
1854 0.0000e+00 0.0000e+00 0.0000e+00 -1.1564e+01 -3.4953e+01 -1.1924e+00  
1594 0.0000e+00 0.0000e+00 0.0000e+00 -2.0987e+01 1.8076e+01 6.5412e+00

720 1853 0.0000e+00 0.0000e+00 0.0000e+00 -2.0591e+01 -3.4765e+01 2.2291e+01  
957 0.0000e+00 0.0000e+00 0.0000e+00 -5.0494e+01 2.6173e+01 1.1397e+01  
4 0.0000e+00 0.0000e+00 0.0000e+00 -4.9243e+01 -9.4809e+01 8.9469e+00  
70 0.0000e+00 0.0000e+00 0.0000e+00 -4.1210e+01 -2.8358e+01 1.9841e+01

721 1852 0.0000e+00 0.0000e+00 0.0000e+00 -1.5592e+01 -2.0131e+01 7.8952e+00  
955 0.0000e+00 0.0000e+00 0.0000e+00 -3.3946e+01 2.2555e+01 4.3629e+00  
957 0.0000e+00 0.0000e+00 0.0000e+00 -4.8957e+01 -5.3147e+01 1.0130e+01  
1853 0.0000e+00 0.0000e+00 0.0000e+00 -6.8608e+00 -2.3438e+01 1.3663e+01

722 1851 0.0000e+00 0.0000e+00 0.0000e+00 -1.0931e+01 -6.3642e+00 2.0328e+00  
953 0.0000e+00 0.0000e+00 0.0000e+00 -2.8918e+01 1.4095e+01 9.0288e-01  
955 0.0000e+00 0.0000e+00 0.0000e+00 -3.4173e+01 -2.1621e+01 4.6425e+00  
1852 0.0000e+00 0.0000e+00 0.0000e+00 -7.6859e+00 -9.5754e+00 5.7724e+00

723 1850 0.0000e+00 0.0000e+00 0.0000e+00 -8.2754e+00 -3.4198e+00 -2.3350e+00  
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724 1849 0.0000e+00 0.0000e+00 0.0000e+00 -7.5766e+00 -1.0074e+01 -7.4926e+00  
949 0.0000e+00 0.0000e+00 0.0000e+00 -3.4200e+01 -2.2910e+01 -6.4436e+00  
951 0.0000e+00 0.0000e+00 0.0000e+00 -2.8881e+01 1.4582e+01 -2.6805e+00  
1850 0.0000e+00 0.0000e+00 0.0000e+00 -1.1030e+01 -6.7210e+00 -3.7295e+00

725 1848 0.0000e+00 0.0000e+00 0.0000e+00 -6.7667e+00 -2.4303e+01 -1.5411e+01  
947 0.0000e+00 0.0000e+00 0.0000e+00 -4.8911e+01 -5.4787e+01 -1.1976e+01  
949 0.0000e+00 0.0000e+00 0.0000e+00 -3.3900e+01 2.2614e+01 -6.1874e+00  
1849 0.0000e+00 0.0000e+00 0.0000e+00 -1.5671e+01 -2.0894e+01 -9.6226e+00

726 69 0.0000e+00 0.0000e+00 0.0000e+00 -4.0276e+01 -2.8983e+01 -2.1288e+01  
3 0.0000e+00 0.0000e+00 0.0000e+00 -4.9487e+01 -9.6739e+01 -1.0692e+01  
947 0.0000e+00 0.0000e+00 0.0000e+00 -5.0398e+01 2.5891e+01 -1.3269e+01  
1848 0.0000e+00 0.0000e+00 0.0000e+00 -2.0529e+01 -3.6068e+01 -2.3864e+01

727 1557 0.0000e+00 0.0000e+00 0.0000e+00 -2.0984e+01 1.8073e+01 -6.5333e+00  
1847 0.0000e+00 0.0000e+00 0.0000e+00 -1.1566e+01 -3.4914e+01 1.1872e+00  
81 0.0000e+00 0.0000e+00 0.0000e+00 1.3246e+01 -4.4574e+01 -5.1831e+00  
26 0.0000e+00 0.0000e+00 0.0000e+00 -3.2070e+01 -8.3229e+01 -1.2904e+01

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1846 0.0000e+00 0.0000e+00 0.0000e+00 -9.8383e+00 -1.2928e+01 8.5901e-02  
1847 0.0000e+00 0.0000e+00 0.0000e+00 -2.4518e+00 -1.8925e+01 -1.6888e+00  
1557 0.0000e+00 0.0000e+00 0.0000e+00 -2.4973e+01 -4.6368e+01 -3.8763e+00

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1845 0.0000e+00 0.0000e+00 0.0000e+00 -7.7073e+00 -2.6752e+00 6.1599e-01  
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1844 0.0000e+00 0.0000e+00 0.0000e+00 -5.7724e+00 -2.2142e-01 8.2803e-01  
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1555 0.0000e+00 0.0000e+00 0.0000e+00 -2.1760e+01 7.8369e-01 3.8054e-01

731 1553 0.0000e+00 0.0000e+00 0.0000e+00 -2.3378e+01 -2.0285e+01 2.3078e+00  
1843 0.0000e+00 0.0000e+00 0.0000e+00 -3.9741e+00 -5.6601e+00 1.3515e+00  
1844 0.0000e+00 0.0000e+00 0.0000e+00 -7.8237e+00 -3.0355e+00 5.7681e-01  
1554 0.0000e+00 0.0000e+00 0.0000e+00 -2.1228e+01 1.3332e+01 1.5331e+00

732 1552 0.0000e+00 0.0000e+00 0.0000e+00 -2.5151e+01 -4.8061e+01 5.2479e+00  
1842 0.0000e+00 0.0000e+00 0.0000e+00 -2.4069e+00 -1.9888e+01 3.0237e+00  
1843 0.0000e+00 0.0000e+00 0.0000e+00 -9.9791e+00 -1.3723e+01 1.1688e+00  
1553 0.0000e+00 0.0000e+00 0.0000e+00 -2.1533e+01 1.8623e+01 3.3930e+00

733 25 0.0000e+00 0.0000e+00 0.0000e+00 -3.2490e+01 -8.5370e+01 1.4455e+01  
80 0.0000e+00 0.0000e+00 0.0000e+00 1.3331e+01 -4.6084e+01 6.7400e+00  
1842 0.0000e+00 0.0000e+00 0.0000e+00 -1.1768e+01 -3.6202e+01 1.9082e-01  
1552 0.0000e+00 0.0000e+00 0.0000e+00 -2.1106e+01 1.7820e+01 7.9055e+00

734 1515 0.0000e+00 0.0000e+00 0.0000e+00 -1.1372e+01 4.0749e+01 -4.2577e+00  
1841 0.0000e+00 0.0000e+00 0.0000e+00 -7.5166e+00 5.3971e+00 4.0846e-01  
88 0.0000e+00 0.0000e+00 0.0000e+00 5.9519e+00 -3.2749e+00 -1.6812e+00  
33 0.0000e+00 0.0000e+00 0.0000e+00 -1.6545e+01 -3.3925e+01 -6.3473e+00

735 1514 0.0000e+00 0.0000e+00 0.0000e+00 -1.1677e+01 4.4264e+01 -3.9131e+00  
1840 0.0000e+00 0.0000e+00 0.0000e+00 -6.2504e+00 2.0392e+01 -1.9890e+00  
1841 0.0000e+00 0.0000e+00 0.0000e+00 -1.4216e-01 1.6377e+01 -1.3536e+00  
1515 0.0000e+00 0.0000e+00 0.0000e+00 -1.4365e+01 -8.9242e+00 -3.2777e+00

736 1513 0.0000e+00 0.0000e+00 0.0000e+00 -1.1400e+01 4.3487e+01 -4.7769e+00  
1839 0.0000e+00 0.0000e+00 0.0000e+00 -4.9551e+00 2.9376e+01 -3.7506e+00  
1840 0.0000e+00 0.0000e+00 0.0000e+00 -1.3320e+00 2.7300e+01 -2.7268e+00  
1514 0.0000e+00 0.0000e+00 0.0000e+00 -1.3198e+01 1.0886e+01 -3.7531e+00

737 1512 0.0000e+00 0.0000e+00 0.0000e+00 -1.1226e+01 3.8011e+01 -5.8415e+00  
1838 0.0000e+00 0.0000e+00 0.0000e+00 -3.7200e+00 3.3732e+01 -5.5952e+00  
1839 0.0000e+00 0.0000e+00 0.0000e+00 -2.3893e+00 3.2996e+01 -4.4336e+00  
1513 0.0000e+00 0.0000e+00 0.0000e+00 -1.2119e+01 2.6104e+01 -4.6799e+00

738 1511 0.0000e+00 0.0000e+00 0.0000e+00 -1.1602e+01 2.8382e+01 -7.1167e+00  
1837 0.0000e+00 0.0000e+00 0.0000e+00 -2.6052e+00 3.3549e+01 -7.4119e+00  
1838 0.0000e+00 0.0000e+00 0.0000e+00 -3.4827e+00 3.4085e+01 -6.2113e+00  
1512 0.0000e+00 0.0000e+00 0.0000e+00 -1.1249e+01 3.6551e+01 -5.9161e+00

739 1510 0.0000e+00 0.0000e+00 0.0000e+00 -1.2812e+01 1.4419e+01 -8.3095e+00  
1836 0.0000e+00 0.0000e+00 0.0000e+00 -1.6683e+00 2.8760e+01 -9.0155e+00  
1837 0.0000e+00 0.0000e+00 0.0000e+00 -4.7313e+00 3.0631e+01 -7.9643e+00  
1511 0.0000e+00 0.0000e+00 0.0000e+00 -1.1005e+01 4.2606e+01 -7.2583e+00

740 1509 0.0000e+00 0.0000e+00 0.0000e+00 -1.5000e+01 -4.4101e+00 -8.9981e+00  
1835 0.0000e+00 0.0000e+00 0.0000e+00 -8.9850e-01 1.9135e+01 -1.0101e+01  
1836 0.0000e+00 0.0000e+00 0.0000e+00 -6.2526e+00 2.2480e+01 -9.4787e+00  
1510 0.0000e+00 0.0000e+00 0.0000e+00 -1.1606e+01 4.4625e+01 -8.3761e+00

741 1508 0.0000e+00 0.0000e+00 0.0000e+00 -1.8113e+01 -2.8912e+01 -8.6089e+00  
1834 0.0000e+00 0.0000e+00 0.0000e+00 -1.8016e-01 4.1708e+00 -1.0257e+01  
1835 0.0000e+00 0.0000e+00 0.0000e+00 -8.1091e+00 9.2741e+00 -1.0442e+01  
1509 0.0000e+00 0.0000e+00 0.0000e+00 -1.3114e+01 4.2772e+01 -8.7937e+00

742 1507 0.0000e+00 0.0000e+00 0.0000e+00 -2.1443e+01 -5.9950e+01 -6.1607e+00  
1833 0.0000e+00 0.0000e+00 0.0000e+00 1.5381e-01 -1.7682e+01 -8.6322e+00  
1834 0.0000e+00 0.0000e+00 0.0000e+00 -1.0355e+01 -9.4379e+00 -1.0336e+01  
1508 0.0000e+00 0.0000e+00 0.0000e+00 -1.5328e+01 3.6663e+01 -7.8646e+00

743 32 0.0000e+00 0.0000e+00 0.0000e+00 -3.3207e+01 -1.0035e+02 3.4702e+00  
87 0.0000e+00 0.0000e+00 0.0000e+00 1.6890e+01 -5.0610e+01 -3.9522e+00  
1833 0.0000e+00 0.0000e+00 0.0000e+00 -1.2714e+01 -3.9090e+01 -1.1427e+01  
1507 0.0000e+00 0.0000e+00 0.0000e+00 -1.6798e+01 2.7465e+01 -4.0043e+00

744 1446 0.0000e+00 0.0000e+00 0.0000e+00 -1.4937e+01 2.7440e+01 -1.9805e+00  
1832 0.0000e+00 0.0000e+00 0.0000e+00 -1.3697e+01 -3.7031e+01 4.4946e+00  
87 0.0000e+00 0.0000e+00 0.0000e+00 1.7381e+01 -4.9110e+01 -3.2752e+00  
32 0.0000e+00 0.0000e+00 0.0000e+00 -3.3353e+01 -9.7689e+01 -9.7502e+00

745 1445 0.0000e+00 0.0000e+00 0.0000e+00 -1.3424e+01 3.6725e+01 9.4429e-01  
1831 0.0000e+00 0.0000e+00 0.0000e+00 -1.0549e+01 -6.7564e+00 2.9333e+00  
1832 0.0000e+00 0.0000e+00 0.0000e+00 1.3884e+00 -1.3626e+01 1.9559e+00  
1446 0.0000e+00 0.0000e+00 0.0000e+00 -2.1472e+01 -5.5108e+01 -3.3155e-02

746 1444 0.0000e+00 0.0000e+00 0.0000e+00 -1.1139e+01 4.1296e+01 6.3682e-01  
1830 0.0000e+00 0.0000e+00 0.0000e+00 -7.8955e+00 1.2219e+01 1.7951e+00  
1831 0.0000e+00 0.0000e+00 0.0000e+00 4.2134e-01 8.0451e+00 2.5907e+00  
1445 0.0000e+00 0.0000e+00 0.0000e+00 -1.7191e+01 -2.2659e+01 1.4324e+00

747 1443 0.0000e+00 0.0000e+00 0.0000e+00 -9.9161e+00 4.0796e+01 -1.3540e+00  
1829 0.0000e+00 0.0000e+00 0.0000e+00 -5.6782e+00 2.4543e+01 -6.5552e-01  
1830 0.0000e+00 0.0000e+00 0.0000e+00 -6.8780e-01 2.2054e+01 1.1700e+00

	1444	0.0000e+00	0.0000e+00	0.0000e+00	-1.3541e+01	2.0665e+00	4.7159e-01
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	-9.9911e+00	3.5381e+01	-4.1722e+00
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-3.8962e+00	3.0685e+01	-3.7796e+00
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-1.9204e+00	2.9680e+01	-1.4500e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-1.1199e+01	2.0218e+01	-1.8426e+00
749	1441	0.0000e+00	0.0000e+00	0.0000e+00	-1.1453e+01	2.4590e+01	-7.1142e+00
	1827	0.0000e+00	0.0000e+00	0.0000e+00	-2.4788e+00	3.0861e+01	-7.0003e+00
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-3.4710e+00	3.1300e+01	-4.6450e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.0238e+01	3.2753e+01	-4.7590e+00
750	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.4355e+01	7.5817e+00	-9.5037e+00
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-1.3187e+00	2.4888e+01	-9.7181e+00
	1827	0.0000e+00	0.0000e+00	0.0000e+00	-5.4521e+00	2.6860e+01	-7.8199e+00
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-1.0641e+01	4.0284e+01	-7.6055e+00
751	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.8629e+01	-1.6850e+01	-1.0573e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	-2.1756e-01	1.2161e+01	-1.1310e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-7.9353e+00	1.5906e+01	-1.0399e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.2352e+01	4.3053e+01	-9.6620e+00
752	1438	0.0000e+00	0.0000e+00	0.0000e+00	-2.3516e+01	-5.0098e+01	-9.2631e+00
	1824	0.0000e+00	0.0000e+00	0.0000e+00	9.8834e-01	-8.6769e+00	-1.1040e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	-1.0872e+01	-2.3014e+00	-1.1801e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.5131e+01	4.0677e+01	-1.0024e+01
753	31	0.0000e+00	0.0000e+00	0.0000e+00	-3.3181e+01	-9.4539e+01	-4.9377e-01
	86	0.0000e+00	0.0000e+00	0.0000e+00	1.5724e+01	-4.2577e+01	-7.3996e+00
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-1.3883e+01	-3.1937e+01	-1.3774e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-1.7079e+01	3.3064e+01	-6.8680e+00
754	1823	0.0000e+00	0.0000e+00	0.0000e+00	-2.4737e+01	8.6753e-01	1.4672e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	-3.8619e+01	5.7587e+01	-4.2399e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	-5.7049e+01	-5.7711e+01	2.4708e+00
	77	0.0000e+00	0.0000e+00	0.0000e+00	-3.9929e+01	-1.6091e+01	2.1383e+01
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	-1.3111e+01	1.8865e+01	1.3875e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	-2.2406e+01	5.7055e+01	-3.1330e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	-3.7231e+01	-1.8726e+01	-3.5262e-01
	1823	0.0000e+00	0.0000e+00	0.0000e+00	-6.3235e+00	1.3208e+01	4.1678e+00
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	-8.0576e+00	3.3068e+01	-6.0490e-01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.6766e+01	5.4090e+01	-1.7507e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	-2.2728e+01	9.2542e+00	-1.4696e+00
	1822	0.0000e+00	0.0000e+00	0.0000e+00	-4.1325e+00	2.9644e+01	-3.2379e-01
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	-5.3169e+00	3.9702e+01	-1.3593e-01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.4575e+01	4.7425e+01	-6.5353e-01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.7178e+01	2.9224e+01	-1.3222e+00
	1821	0.0000e+00	0.0000e+00	0.0000e+00	-3.6335e+00	3.8452e+01	-8.0462e-01
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	-3.5589e+00	4.0381e+01	1.1419e+00
	684	0.0000e+00	0.0000e+00	0.0000e+00	-1.4193e+01	3.6578e+01	5.4720e-01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.4490e+01	4.2522e+01	-4.0895e-01
	1820	0.0000e+00	0.0000e+00	0.0000e+00	-4.3191e+00	4.0870e+01	1.8575e-01
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	-2.3963e+00	3.5454e+01	2.2876e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.5392e+01	2.1178e+01	1.5530e+00
	684	0.0000e+00	0.0000e+00	0.0000e+00	-1.3529e+01	5.0173e+01	7.8724e-01
	1819	0.0000e+00	0.0000e+00	0.0000e+00	-5.5654e+00	3.7620e+01	1.5218e+00
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	-1.8103e+00	2.4810e+01	2.4838e+00
	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.8533e+01	6.0905e-01	1.7953e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.4175e+01	5.2943e+01	1.7717e+00
	1818	0.0000e+00	0.0000e+00	0.0000e+00	-7.3924e+00	2.8796e+01	2.4602e+00
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	-2.1718e+00	7.8856e+00	5.6983e-01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-2.4634e+01	-2.6146e+01	4.7275e-01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.6860e+01	5.1426e+01	1.9770e+00
	1817	0.0000e+00	0.0000e+00	0.0000e+00	-1.0119e+01	1.4010e+01	2.0741e+00
762	1815	0.0000e+00	0.0000e+00	0.0000e+00	-2.3467e+00	-1.4900e+01	-4.7213e+00
	676	0.0000e+00	0.0000e+00	0.0000e+00	-3.7750e+01	-6.0667e+01	-3.0911e+00
	678	0.0000e+00	0.0000e+00	0.0000e+00	-2.2899e+01	4.6443e+01	8.8564e-01
	1816	0.0000e+00	0.0000e+00	0.0000e+00	-1.4300e+01	-8.2715e+00	-7.4456e-01
763	76	0.0000e+00	0.0000e+00	0.0000e+00	-2.5468e+01	-3.4549e+01	-1.1296e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-4.2342e+01	-1.0456e+02	-4.7466e+00

676 0.0000e+00 0.0000e+00 0.0000e+00 -3.6975e+01 3.8849e+01 -4.1723e+00  
1815 0.0000e+00 0.0000e+00 0.0000e+00 -1.9191e+01 -3.2453e+01 -1.0722e+01

764 1814 0.0000e+00 0.0000e+00 0.0000e+00 -1.9485e+01 -3.2777e+01 1.1867e+01  
576 0.0000e+00 0.0000e+00 0.0000e+00 -3.3707e+01 3.5657e+01 4.5029e+00  
10 0.0000e+00 0.0000e+00 0.0000e+00 -4.2839e+01 -1.0067e+02 5.4055e+00  
76 0.0000e+00 0.0000e+00 0.0000e+00 -2.4754e+01 -3.4084e+01 1.2769e+01

765 1813 0.0000e+00 0.0000e+00 0.0000e+00 -1.3703e+01 -7.2162e+00 1.9892e+00  
574 0.0000e+00 0.0000e+00 0.0000e+00 -1.9704e+01 4.1696e+01 7.2416e-02  
576 0.0000e+00 0.0000e+00 0.0000e+00 -3.5768e+01 -5.5008e+01 3.7711e+00  
1814 0.0000e+00 0.0000e+00 0.0000e+00 -1.3874e+00 -1.3661e+01 5.6879e+00

766 1812 0.0000e+00 0.0000e+00 0.0000e+00 -9.1998e+00 1.3850e+01 1.5268e-01  
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574 0.0000e+00 0.0000e+00 0.0000e+00 -2.2539e+01 -2.0577e+01 6.0550e-01  
1813 0.0000e+00 0.0000e+00 0.0000e+00 -1.1778e+00 8.9307e+00 8.2077e-01

767 1811 0.0000e+00 0.0000e+00 0.0000e+00 -6.3046e+00 2.6644e+01 1.0716e+00  
570 0.0000e+00 0.0000e+00 0.0000e+00 -1.1853e+01 4.3577e+01 1.3374e+00  
572 0.0000e+00 0.0000e+00 0.0000e+00 -1.6220e+01 4.9365e+00 3.5105e-01  
1812 0.0000e+00 0.0000e+00 0.0000e+00 -1.4172e+00 2.3887e+01 8.5235e-02

768 1810 0.0000e+00 0.0000e+00 0.0000e+00 -4.3152e+00 3.2679e+01 3.2087e+00  
568 0.0000e+00 0.0000e+00 0.0000e+00 -1.1838e+01 3.7538e+01 3.5310e+00  
570 0.0000e+00 0.0000e+00 0.0000e+00 -1.3032e+01 2.3421e+01 1.8592e+00  
1811 0.0000e+00 0.0000e+00 0.0000e+00 -2.4903e+00 3.1700e+01 1.5369e+00

769 1809 0.0000e+00 0.0000e+00 0.0000e+00 -2.9250e+00 3.2268e+01 5.3955e+00  
566 0.0000e+00 0.0000e+00 0.0000e+00 -1.3840e+01 2.5907e+01 5.6894e+00  
568 0.0000e+00 0.0000e+00 0.0000e+00 -1.2040e+01 3.6081e+01 4.0936e+00  
1810 0.0000e+00 0.0000e+00 0.0000e+00 -4.1507e+00 3.2984e+01 3.7996e+00

770 1808 0.0000e+00 0.0000e+00 0.0000e+00 -2.0768e+00 2.5085e+01 6.5269e+00  
564 0.0000e+00 0.0000e+00 0.0000e+00 -1.8237e+01 7.6428e+00 6.9118e+00  
566 0.0000e+00 0.0000e+00 0.0000e+00 -1.3043e+01 4.3652e+01 6.1862e+00  
1809 0.0000e+00 0.0000e+00 0.0000e+00 -6.5180e+00 2.7694e+01 5.8013e+00

771 1807 0.0000e+00 0.0000e+00 0.0000e+00 -2.1620e+00 1.0106e+01 5.0457e+00  
562 0.0000e+00 0.0000e+00 0.0000e+00 -2.6295e+01 -1.8822e+01 6.0773e+00  
564 0.0000e+00 0.0000e+00 0.0000e+00 -1.6448e+01 4.6580e+01 7.3066e+00  
1808 0.0000e+00 0.0000e+00 0.0000e+00 -9.9917e+00 1.5137e+01 6.2750e+00

772 1806 0.0000e+00 0.0000e+00 0.0000e+00 -2.5580e+00 -1.3350e+01 -1.3237e+00  
560 0.0000e+00 0.0000e+00 0.0000e+00 -4.3103e+01 -5.5888e+01 1.9383e+00  
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1807 0.0000e+00 0.0000e+00 0.0000e+00 -1.5477e+01 -6.8481e+00 3.4737e+00

773 75 0.0000e+00 0.0000e+00 0.0000e+00 -3.8619e+01 -3.2538e+01 -1.0059e+01  
9 0.0000e+00 0.0000e+00 0.0000e+00 -4.8617e+01 -1.0607e+02 1.4617e+00  
560 0.0000e+00 0.0000e+00 0.0000e+00 -4.2075e+01 4.1184e+01 1.2362e+00  
1806 0.0000e+00 0.0000e+00 0.0000e+00 -2.2631e+01 -3.1884e+01 -1.0285e+01

774 1805 0.0000e+00 0.0000e+00 0.0000e+00 -2.3045e+01 -3.0945e+01 1.2738e+01  
459 0.0000e+00 0.0000e+00 0.0000e+00 -4.2675e+01 4.4597e+01 1.2243e+00  
8 0.0000e+00 0.0000e+00 0.0000e+00 -4.9522e+01 -1.0766e+02 5.3461e-01  
74 0.0000e+00 0.0000e+00 0.0000e+00 -3.8714e+01 -3.0707e+01 1.2048e+01

775 1804 0.0000e+00 0.0000e+00 0.0000e+00 -1.5893e+01 -4.7496e+00 -9.4125e-01  
457 0.0000e+00 0.0000e+00 0.0000e+00 -2.4097e+01 4.9477e+01 -4.1510e+00  
459 0.0000e+00 0.0000e+00 0.0000e+00 -4.3805e+01 -5.6077e+01 5.5889e-01  
1805 0.0000e+00 0.0000e+00 0.0000e+00 -2.4611e+00 -1.1484e+01 3.7686e+00

776 1803 0.0000e+00 0.0000e+00 0.0000e+00 -1.0332e+01 1.8203e+01 -3.5904e+00  
455 0.0000e+00 0.0000e+00 0.0000e+00 -1.6734e+01 5.1041e+01 -4.4933e+00  
457 0.0000e+00 0.0000e+00 0.0000e+00 -2.6772e+01 -1.7710e+01 -3.4101e+00  
1804 0.0000e+00 0.0000e+00 0.0000e+00 -2.0598e+00 1.2912e+01 -2.5072e+00

777 1802 0.0000e+00 0.0000e+00 0.0000e+00 -6.8177e+00 3.1468e+01 -2.8887e+00  
453 0.0000e+00 0.0000e+00 0.0000e+00 -1.3499e+01 4.8327e+01 -3.1080e+00  
455 0.0000e+00 0.0000e+00 0.0000e+00 -1.8700e+01 9.9423e+00 -4.0199e+00  
1803 0.0000e+00 0.0000e+00 0.0000e+00 -2.0457e+00 2.8667e+01 -3.8006e+00

778 1801 0.0000e+00 0.0000e+00 0.0000e+00 -4.4333e+00 3.7150e+01 -6.5088e-01  
451 0.0000e+00 0.0000e+00 0.0000e+00 -1.2830e+01 4.0556e+01 -7.5832e-01  
453 0.0000e+00 0.0000e+00 0.0000e+00 -1.4440e+01 2.9291e+01 -2.5357e+00  
1802 0.0000e+00 0.0000e+00 0.0000e+00 -3.0337e+00 3.6332e+01 -2.4283e+00

779 1800 0.0000e+00 0.0000e+00 0.0000e+00 -2.7767e+00 3.5833e+01 1.7791e+00

	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.4360e+01	2.7114e+01	1.6647e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	-1.2719e+01	4.1886e+01	-1.2864e-01
	1801	0.0000e+00	0.0000e+00	0.0000e+00	-4.6417e+00	3.6835e+01	-1.4181e-02
780	1799	0.0000e+00	0.0000e+00	0.0000e+00	-1.7501e+00	2.7388e+01	3.2109e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.8403e+01	7.0518e+00	3.2061e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.3201e+01	4.8729e+01	2.2438e+00
	1800	0.0000e+00	0.0000e+00	0.0000e+00	-6.9613e+00	3.0361e+01	2.2486e+00
781	1798	0.0000e+00	0.0000e+00	0.0000e+00	-1.7168e+00	1.0936e+01	2.0292e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	-2.6205e+01	-2.1124e+01	2.6975e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.6228e+01	5.0474e+01	3.6919e+00
	1799	0.0000e+00	0.0000e+00	0.0000e+00	-1.0387e+01	1.6380e+01	3.0236e+00
782	1797	0.0000e+00	0.0000e+00	0.0000e+00	-2.2398e+00	-1.4146e+01	-4.1286e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-4.2752e+01	-5.9751e+01	-1.1494e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	-2.3329e+01	4.7915e+01	3.4495e+00
	1798	0.0000e+00	0.0000e+00	0.0000e+00	-1.5837e+01	-7.0972e+00	4.7028e-01
783	73	0.0000e+00	0.0000e+00	0.0000e+00	-3.4730e+01	-3.5035e+01	-1.2824e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	-5.1033e+01	-1.1142e+02	-1.8720e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-4.1304e+01	4.2235e+01	-1.5889e+00
	1797	0.0000e+00	0.0000e+00	0.0000e+00	-2.3041e+01	-3.4733e+01	-1.2541e+01
784	1371	0.0000e+00	0.0000e+00	0.0000e+00	-1.6796e+01	3.5732e+01	4.9804e+00
	1796	0.0000e+00	0.0000e+00	0.0000e+00	-1.3946e+01	-2.9989e+01	1.2011e+01
	85	0.0000e+00	0.0000e+00	0.0000e+00	1.5894e+01	-4.0836e+01	5.8120e+00
	30	0.0000e+00	0.0000e+00	0.0000e+00	-3.2887e+01	-9.3877e+01	-1.2187e+00
785	1370	0.0000e+00	0.0000e+00	0.0000e+00	-1.4892e+01	4.3867e+01	7.8876e+00
	1795	0.0000e+00	0.0000e+00	0.0000e+00	-1.0964e+01	1.5882e-01	9.7696e+00
	1796	0.0000e+00	0.0000e+00	0.0000e+00	1.1876e+00	-6.3770e+00	9.2133e+00
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-2.3364e+01	-4.8948e+01	7.3314e+00
786	1369	0.0000e+00	0.0000e+00	0.0000e+00	-1.2193e+01	4.6652e+01	7.2128e+00
	1794	0.0000e+00	0.0000e+00	0.0000e+00	-8.0399e+00	1.8879e+01	8.0614e+00
	1795	0.0000e+00	0.0000e+00	0.0000e+00	-5.8170e-02	1.4980e+01	9.2086e+00
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-1.8515e+01	-1.5140e+01	8.3601e+00
787	1368	0.0000e+00	0.0000e+00	0.0000e+00	-1.0624e+01	4.4135e+01	4.8123e+00
	1793	0.0000e+00	0.0000e+00	0.0000e+00	-5.5666e+00	3.0274e+01	5.1521e+00
	1794	0.0000e+00	0.0000e+00	0.0000e+00	-1.2115e+00	2.8165e+01	7.3072e+00
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-1.4315e+01	9.8961e+00	6.9674e+00
788	1367	0.0000e+00	0.0000e+00	0.0000e+00	-1.0450e+01	3.6605e+01	1.6138e+00
	1792	0.0000e+00	0.0000e+00	0.0000e+00	-3.5956e+00	3.5018e+01	1.6369e+00
	1793	0.0000e+00	0.0000e+00	0.0000e+00	-2.4582e+00	3.4477e+01	4.2545e+00
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-1.1542e+01	2.7536e+01	4.2313e+00
789	1366	0.0000e+00	0.0000e+00	0.0000e+00	-1.1746e+01	2.3696e+01	-1.6333e+00
	1791	0.0000e+00	0.0000e+00	0.0000e+00	-2.0529e+00	3.3483e+01	-1.8842e+00
	1792	0.0000e+00	0.0000e+00	0.0000e+00	-4.0082e+00	3.4443e+01	6.9215e-01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-1.0281e+01	3.8960e+01	9.4311e-01
790	1365	0.0000e+00	0.0000e+00	0.0000e+00	-1.4545e+01	4.6356e+00	-4.2181e+00
	1790	0.0000e+00	0.0000e+00	0.0000e+00	-8.2120e-01	2.5607e+01	-4.7831e+00
	1791	0.0000e+00	0.0000e+00	0.0000e+00	-5.9805e+00	2.8139e+01	-2.7544e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-1.0491e+01	4.4961e+01	-2.1894e+00
791	1364	0.0000e+00	0.0000e+00	0.0000e+00	-1.8788e+01	-2.1726e+01	-5.3355e+00
	1789	0.0000e+00	0.0000e+00	0.0000e+00	3.0521e-01	1.0865e+01	-6.3922e+00
	1790	0.0000e+00	0.0000e+00	0.0000e+00	-8.4551e+00	1.5215e+01	-5.4751e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-1.2094e+01	4.5930e+01	-4.4183e+00
792	1363	0.0000e+00	0.0000e+00	0.0000e+00	-2.3773e+01	-5.6744e+01	-3.8290e+00
	1788	0.0000e+00	0.0000e+00	0.0000e+00	1.3556e+00	-1.2216e+01	-5.8046e+00
	1789	0.0000e+00	0.0000e+00	0.0000e+00	-1.1431e+01	-4.9696e+00	-6.7975e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-1.4851e+01	4.1590e+01	-4.8220e+00
793	29	0.0000e+00	0.0000e+00	0.0000e+00	-3.6225e+01	-1.0295e+02	6.3393e+00
	84	0.0000e+00	0.0000e+00	0.0000e+00	1.7668e+01	-5.0119e+01	-4.0946e-01
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-1.4899e+01	-3.7247e+01	-8.4567e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-1.6855e+01	3.2048e+01	-1.7080e+00
794	1296	0.0000e+00	0.0000e+00	0.0000e+00	-1.6856e+01	3.2053e+01	1.7161e+00
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-1.4905e+01	-3.7249e+01	8.4600e+00
	82	0.0000e+00	0.0000e+00	0.0000e+00	1.7671e+01	-5.0146e+01	4.0075e-01
	27	0.0000e+00	0.0000e+00	0.0000e+00	-3.6243e+01	-1.0296e+02	-6.3432e+00

795 1295 0.0000e+00 0.0000e+00 0.0000e+00 -1.4851e+01 4.1597e+01 4.8271e+00  
1786 0.0000e+00 0.0000e+00 0.0000e+00 -1.1432e+01 -4.9658e+00 6.8026e+00  
1787 0.0000e+00 0.0000e+00 0.0000e+00 1.3556e+00 -1.2215e+01 5.8096e+00  
1296 0.0000e+00 0.0000e+00 0.0000e+00 -2.3775e+01 -5.6747e+01 3.8341e+00

796 1294 0.0000e+00 0.0000e+00 0.0000e+00 -1.2094e+01 4.5938e+01 4.4223e+00  
1785 0.0000e+00 0.0000e+00 0.0000e+00 -8.4557e+00 1.5221e+01 5.4791e+00  
1786 0.0000e+00 0.0000e+00 0.0000e+00 3.0552e-01 1.0870e+01 6.3972e+00  
1295 0.0000e+00 0.0000e+00 0.0000e+00 -1.8789e+01 -2.1725e+01 5.3403e+00

797 1293 0.0000e+00 0.0000e+00 0.0000e+00 -1.0491e+01 4.4969e+01 2.1921e+00  
1784 0.0000e+00 0.0000e+00 0.0000e+00 -5.9808e+00 2.8146e+01 2.7570e+00  
1785 0.0000e+00 0.0000e+00 0.0000e+00 -8.2098e-01 2.5614e+01 4.7868e+00  
1294 0.0000e+00 0.0000e+00 0.0000e+00 -1.4546e+01 4.6395e+00 4.2218e+00

798 1292 0.0000e+00 0.0000e+00 0.0000e+00 -1.0280e+01 3.8967e+01 -9.4190e-01  
1783 0.0000e+00 0.0000e+00 0.0000e+00 -4.0082e+00 3.4451e+01 -6.9122e-01  
1784 0.0000e+00 0.0000e+00 0.0000e+00 -2.0526e+00 3.3491e+01 1.8864e+00  
1293 0.0000e+00 0.0000e+00 0.0000e+00 -1.1746e+01 2.3702e+01 1.6358e+00

799 1291 0.0000e+00 0.0000e+00 0.0000e+00 -1.1540e+01 2.7543e+01 -4.2320e+00  
1782 0.0000e+00 0.0000e+00 0.0000e+00 -2.4579e+00 3.4486e+01 -4.2555e+00  
1783 0.0000e+00 0.0000e+00 0.0000e+00 -3.5953e+00 3.5027e+01 -1.6364e+00  
1292 0.0000e+00 0.0000e+00 0.0000e+00 -1.0449e+01 3.6612e+01 -1.6129e+00

800 1290 0.0000e+00 0.0000e+00 0.0000e+00 -1.4312e+01 9.9025e+00 -6.9706e+00  
1781 0.0000e+00 0.0000e+00 0.0000e+00 -1.2112e+00 2.8174e+01 -7.3106e+00  
1782 0.0000e+00 0.0000e+00 0.0000e+00 -5.5662e+00 3.0282e+01 -5.1537e+00  
1291 0.0000e+00 0.0000e+00 0.0000e+00 -1.0622e+01 4.4142e+01 -4.8136e+00

801 1289 0.0000e+00 0.0000e+00 0.0000e+00 -1.8514e+01 -1.5134e+01 -8.3663e+00  
1780 0.0000e+00 0.0000e+00 0.0000e+00 -5.8090e-02 1.4988e+01 -9.2144e+00  
1781 0.0000e+00 0.0000e+00 0.0000e+00 -8.0397e+00 1.8888e+01 -8.0651e+00  
1290 0.0000e+00 0.0000e+00 0.0000e+00 -1.2191e+01 4.6660e+01 -7.2169e+00

802 1288 0.0000e+00 0.0000e+00 0.0000e+00 -2.3365e+01 -4.8945e+01 -7.3413e+00  
1779 0.0000e+00 0.0000e+00 0.0000e+00 1.1850e+00 -6.3683e+00 -9.2210e+00  
1780 0.0000e+00 0.0000e+00 0.0000e+00 -1.0965e+01 1.6715e-01 -9.7749e+00  
1289 0.0000e+00 0.0000e+00 0.0000e+00 -1.4891e+01 4.3876e+01 -7.8952e+00

803 26 0.0000e+00 0.0000e+00 0.0000e+00 -3.2911e+01 -9.3882e+01 1.2015e+00  
81 0.0000e+00 0.0000e+00 0.0000e+00 1.5898e+01 -4.0820e+01 -5.8228e+00  
1779 0.0000e+00 0.0000e+00 0.0000e+00 -1.3951e+01 -2.9987e+01 -1.2018e+01  
1288 0.0000e+00 0.0000e+00 0.0000e+00 -1.6799e+01 3.5749e+01 -4.9941e+00

804 1778 0.0000e+00 0.0000e+00 0.0000e+00 -2.3089e+01 -3.4999e+01 1.2458e+01  
342 0.0000e+00 0.0000e+00 0.0000e+00 -4.1329e+01 4.2196e+01 1.5393e+00  
5 0.0000e+00 0.0000e+00 0.0000e+00 -5.1117e+01 -1.1191e+02 1.8880e+00  
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342 0.0000e+00 0.0000e+00 0.0000e+00 -4.2811e+01 -6.0095e+01 1.0868e+00  
1778 0.0000e+00 0.0000e+00 0.0000e+00 -2.2231e+00 -1.4332e+01 4.0531e+00

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336 0.0000e+00 0.0000e+00 0.0000e+00 -1.3201e+01 4.8851e+01 -2.3314e+00  
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1776 0.0000e+00 0.0000e+00 0.0000e+00 -1.7372e+00 2.7371e+01 -3.3007e+00

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334 0.0000e+00 0.0000e+00 0.0000e+00 -1.2699e+01 4.2061e+01 4.7420e-02  
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1775 0.0000e+00 0.0000e+00 0.0000e+00 -2.7601e+00 3.5882e+01 -1.8669e+00

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332 0.0000e+00 0.0000e+00 0.0000e+00 -1.4401e+01 2.9527e+01 2.4681e+00  
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1774 0.0000e+00 0.0000e+00 0.0000e+00 -4.4114e+00 3.7262e+01 5.7129e-01

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330 0.0000e+00 0.0000e+00 0.0000e+00 -1.8641e+01 1.0256e+01 3.9734e+00  
332 0.0000e+00 0.0000e+00 0.0000e+00 -1.3472e+01 4.8356e+01 3.0452e+00

1773 0.0000e+00 0.0000e+00 0.0000e+00 -6.7887e+00 3.1647e+01 2.8237e+00

811 1771 0.0000e+00 0.0000e+00 0.0000e+00 -2.0632e+00 1.3191e+01 2.4879e+00  
328 0.0000e+00 0.0000e+00 0.0000e+00 -2.6688e+01 -1.7297e+01 3.3928e+00  
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1772 0.0000e+00 0.0000e+00 0.0000e+00 -1.0293e+01 1.8459e+01 3.5479e+00

812 1770 0.0000e+00 0.0000e+00 0.0000e+00 -2.4540e+00 -1.1105e+01 -3.7431e+00  
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328 0.0000e+00 0.0000e+00 0.0000e+00 -2.4028e+01 4.9601e+01 4.1395e+00  
1771 0.0000e+00 0.0000e+00 0.0000e+00 -1.5840e+01 -4.3992e+00 9.3387e-01

813 70 0.0000e+00 0.0000e+00 0.0000e+00 -3.8735e+01 -3.0238e+01 -1.1966e+01  
4 0.0000e+00 0.0000e+00 0.0000e+00 -4.9280e+01 -1.0696e+02 -4.6938e-01  
326 0.0000e+00 0.0000e+00 0.0000e+00 -4.2564e+01 4.4762e+01 -1.2023e+00  
1770 0.0000e+00 0.0000e+00 0.0000e+00 -2.2969e+01 -3.0459e+01 -1.2699e+01

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3 0.0000e+00 0.0000e+00 0.0000e+00 -4.8891e+01 -1.0731e+02 -1.4255e+00  
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1769 0.0000e+00 0.0000e+00 0.0000e+00 -2.5424e+00 -1.3912e+01 1.1908e+00

816 1767 0.0000e+00 0.0000e+00 0.0000e+00 -1.0064e+01 1.4815e+01 -6.4912e+00  
229 0.0000e+00 0.0000e+00 0.0000e+00 -1.6538e+01 4.6592e+01 -7.5162e+00  
231 0.0000e+00 0.0000e+00 0.0000e+00 -2.6455e+01 -1.9455e+01 -6.2570e+00  
1768 0.0000e+00 0.0000e+00 0.0000e+00 -2.1518e+00 9.7461e+00 -5.2320e+00

817 1766 0.0000e+00 0.0000e+00 0.0000e+00 -6.5709e+00 2.7514e+01 -6.0410e+00  
227 0.0000e+00 0.0000e+00 0.0000e+00 -1.3094e+01 4.3734e+01 -6.4254e+00  
229 0.0000e+00 0.0000e+00 0.0000e+00 -1.8351e+01 7.2100e+00 -7.1325e+00  
1767 0.0000e+00 0.0000e+00 0.0000e+00 -2.0657e+00 2.4876e+01 -6.7481e+00

818 1765 0.0000e+00 0.0000e+00 0.0000e+00 -4.1877e+00 3.2920e+01 -4.0513e+00  
225 0.0000e+00 0.0000e+00 0.0000e+00 -1.2051e+01 3.6234e+01 -4.3473e+00  
227 0.0000e+00 0.0000e+00 0.0000e+00 -1.3909e+01 2.5622e+01 -5.9344e+00  
1766 0.0000e+00 0.0000e+00 0.0000e+00 -2.9083e+00 3.2182e+01 -5.6383e+00

819 1764 0.0000e+00 0.0000e+00 0.0000e+00 -2.5153e+00 3.1742e+01 -1.7900e+00  
223 0.0000e+00 0.0000e+00 0.0000e+00 -1.3003e+01 2.3661e+01 -2.1146e+00  
225 0.0000e+00 0.0000e+00 0.0000e+00 -1.1864e+01 3.7362e+01 -3.7862e+00  
1765 0.0000e+00 0.0000e+00 0.0000e+00 -4.2894e+00 3.2700e+01 -3.4615e+00

820 1763 0.0000e+00 0.0000e+00 0.0000e+00 -1.4346e+00 2.4038e+01 -3.2973e-01  
221 0.0000e+00 0.0000e+00 0.0000e+00 -1.6151e+01 5.2924e+00 -5.9568e-01  
223 0.0000e+00 0.0000e+00 0.0000e+00 -1.1839e+01 4.3483e+01 -1.5900e+00  
1764 0.0000e+00 0.0000e+00 0.0000e+00 -6.2665e+00 2.6772e+01 -1.3241e+00

821 1762 0.0000e+00 0.0000e+00 0.0000e+00 -1.1929e+00 9.2073e+00 -1.0472e+00  
219 0.0000e+00 0.0000e+00 0.0000e+00 -2.2433e+01 -2.0063e+01 -8.2618e-01  
221 0.0000e+00 0.0000e+00 0.0000e+00 -1.4047e+01 4.4701e+01 -1.7447e-01  
1763 0.0000e+00 0.0000e+00 0.0000e+00 -9.1467e+00 1.4097e+01 -3.9548e-01

822 1761 0.0000e+00 0.0000e+00 0.0000e+00 -1.4048e+00 -1.3214e+01 -5.8809e+00  
217 0.0000e+00 0.0000e+00 0.0000e+00 -3.5635e+01 -5.4284e+01 -3.9476e+00  
219 0.0000e+00 0.0000e+00 0.0000e+00 -1.9627e+01 4.1748e+01 -2.7935e-01  
1762 0.0000e+00 0.0000e+00 0.0000e+00 -1.3633e+01 -6.8249e+00 -2.2127e+00

823 68 0.0000e+00 0.0000e+00 0.0000e+00 -2.4884e+01 -3.3243e+01 -1.2829e+01  
2 0.0000e+00 0.0000e+00 0.0000e+00 -4.2592e+01 -9.9657e+01 -5.4290e+00  
217 0.0000e+00 0.0000e+00 0.0000e+00 -3.3631e+01 3.5806e+01 -4.6641e+00  
1761 0.0000e+00 0.0000e+00 0.0000e+00 -1.9374e+01 -3.2172e+01 -1.2064e+01

824 1760 0.0000e+00 0.0000e+00 0.0000e+00 -1.9089e+01 -3.1795e+01 1.0809e+01  
117 0.0000e+00 0.0000e+00 0.0000e+00 -3.6861e+01 3.9012e+01 4.2102e+00  
2 0.0000e+00 0.0000e+00 0.0000e+00 -4.2067e+01 -1.0351e+02 4.6852e+00  
68 0.0000e+00 0.0000e+00 0.0000e+00 -2.5616e+01 -3.3769e+01 1.1284e+01

825 1759 0.0000e+00 0.0000e+00 0.0000e+00 -1.4226e+01 -7.8339e+00 8.4837e-01  
115 0.0000e+00 0.0000e+00 0.0000e+00 -2.2787e+01 4.6543e+01 -7.9900e-01  
117 0.0000e+00 0.0000e+00 0.0000e+00 -3.7601e+01 -5.9900e+01 3.1460e+00  
1760 0.0000e+00 0.0000e+00 0.0000e+00 -2.3402e+00 -1.4399e+01 4.7934e+00

826 1758 0.0000e+00 0.0000e+00 0.0000e+00 -1.0062e+01 1.4319e+01 -1.9448e+00  
113 0.0000e+00 0.0000e+00 0.0000e+00 -1.6768e+01 5.1477e+01 -1.8562e+00

	115	0.0000e+00	0.0000e+00	0.0000e+00	-2.4502e+01	-2.5588e+01	-3.7185e-01
	1759	0.0000e+00	0.0000e+00	0.0000e+00	-2.1702e+00	8.2297e+00	-4.6039e-01
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	-7.3500e+00	2.9005e+01	-2.3160e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	-1.4109e+01	5.2962e+01	-1.6290e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.8430e+01	1.0065e+00	-1.6652e+00
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-1.8080e+00	2.5045e+01	-2.3521e+00
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	-5.5365e+00	3.7755e+01	-1.3707e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	-1.3491e+01	5.0169e+01	-6.3284e-01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-1.5319e+01	2.1457e+01	-1.4045e+00
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-2.3963e+00	3.5607e+01	-2.1423e+00
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	-4.3029e+00	4.0946e+01	-3.6254e-02
	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.4484e+01	4.2495e+01	5.6582e-01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-1.4152e+01	3.6772e+01	-3.8946e-01
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-3.5641e+00	4.0471e+01	-9.9154e-01
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	-3.6313e+00	3.8475e+01	9.4136e-01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.7211e+01	2.9167e+01	1.4721e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.4568e+01	4.7563e+01	8.1236e-01
	1755	0.0000e+00	0.0000e+00	0.0000e+00	-5.3313e+00	3.9740e+01	2.8162e-01
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	-4.1531e+00	2.9610e+01	4.2817e-01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-2.2824e+01	9.1486e+00	1.6014e+00
	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.6801e+01	5.4195e+01	1.9041e+00
	1754	0.0000e+00	0.0000e+00	0.0000e+00	-8.0901e+00	3.3053e+01	7.3088e-01
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	-6.3843e+00	1.3100e+01	-4.1364e+00
	101	0.0000e+00	0.0000e+00	0.0000e+00	-3.7473e+01	-1.8916e+01	4.5275e-01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-2.2515e+01	5.7152e+01	3.2789e+00
	1753	0.0000e+00	0.0000e+00	0.0000e+00	-1.3184e+01	1.8777e+01	-1.3102e+00
833	67	0.0000e+00	0.0000e+00	0.0000e+00	-4.0310e+01	-1.6282e+01	-2.1518e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.7511e+01	-5.8049e+01	-2.3879e+00
	101	0.0000e+00	0.0000e+00	0.0000e+00	-3.8905e+01	5.7714e+01	4.3809e+00
	1752	0.0000e+00	0.0000e+00	0.0000e+00	-2.4907e+01	7.1722e-01	-1.4749e+01
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	-1.7089e+01	3.3027e+01	6.9246e+00
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-1.3900e+01	-3.2009e+01	1.3818e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	1.5736e+01	-4.2685e+01	7.4164e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	-3.3246e+01	-9.4628e+01	5.2328e-01
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	-1.5136e+01	4.0639e+01	1.0079e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-1.0877e+01	-2.3562e+00	1.1853e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	9.8496e-01	-8.7371e+00	1.1088e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-2.3528e+01	-5.0167e+01	9.3136e+00
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	-1.2353e+01	4.3018e+01	9.7197e+00
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-7.9375e+00	1.5856e+01	1.0455e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-2.1729e-01	1.2111e+01	1.1364e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	-1.8635e+01	-1.6909e+01	1.0628e+01
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	-1.0636e+01	4.0255e+01	7.6663e+00
	1748	0.0000e+00	0.0000e+00	0.0000e+00	-5.4528e+00	2.6817e+01	7.8791e+00
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-1.3169e+00	2.4844e+01	9.7753e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	-1.4356e+01	7.5274e+00	9.5625e+00
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	-1.0226e+01	3.2735e+01	4.8217e+00
	1747	0.0000e+00	0.0000e+00	0.0000e+00	-3.4708e+00	3.1264e+01	4.7058e+00
	1748	0.0000e+00	0.0000e+00	0.0000e+00	-2.4747e+00	3.0824e+01	7.0599e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-1.1449e+01	2.4538e+01	7.1758e+00
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	-1.1178e+01	2.0220e+01	1.9053e+00
	1746	0.0000e+00	0.0000e+00	0.0000e+00	-1.9194e+00	2.9656e+01	1.5107e+00
	1747	0.0000e+00	0.0000e+00	0.0000e+00	-3.8887e+00	3.0658e+01	3.8407e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-9.9801e+00	3.5329e+01	4.2352e+00
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	-1.3508e+01	2.1002e+00	-4.1213e-01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	-6.8646e-01	2.2050e+01	-1.1121e+00
	1746	0.0000e+00	0.0000e+00	0.0000e+00	-5.6662e+00	2.4533e+01	7.1609e-01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-9.8967e+00	4.0744e+01	1.4160e+00
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	-1.7145e+01	-2.2579e+01	-1.3809e+00
	1744	0.0000e+00	0.0000e+00	0.0000e+00	4.2188e-01	8.0708e+00	-2.5390e+00
	1745	0.0000e+00	0.0000e+00	0.0000e+00	-7.8780e+00	1.2236e+01	-1.7376e+00
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-1.1110e+01	4.1247e+01	-5.7948e-01
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	-2.1417e+01	-5.4963e+01	6.9818e-02



	1743	0.0000e+00	0.0000e+00	0.0000e+00	1.3835e+00	-1.3556e+01	-1.9136e+00
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-1.0527e+01	-6.6994e+00	-2.8812e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-1.3386e+01	3.6686e+01	-8.9775e-01
843	24	0.0000e+00	0.0000e+00	0.0000e+00	-3.3318e+01	-9.7462e+01	9.7539e+00
	79	0.0000e+00	0.0000e+00	0.0000e+00	1.7352e+01	-4.8971e+01	3.3068e+00
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-1.3675e+01	-3.6920e+01	-4.4452e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-1.4898e+01	2.7427e+01	2.0019e+00
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	-1.6745e+01	2.7404e+01	4.0616e+00
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-1.2690e+01	-3.8956e+01	1.1443e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	1.6850e+01	-5.0466e+01	3.9755e+00
	24	0.0000e+00	0.0000e+00	0.0000e+00	-3.3163e+01	-1.0002e+02	-3.4059e+00
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	-1.5274e+01	3.6562e+01	7.8934e+00
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-1.0323e+01	-9.3829e+00	1.0352e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	1.4689e-01	-1.7605e+01	8.6586e+00
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-2.1374e+01	-5.9740e+01	6.2003e+00
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	-1.3065e+01	4.2644e+01	8.8094e+00
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-8.0808e+00	9.2660e+00	1.0450e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-1.7938e-01	4.1806e+00	1.0273e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-1.8049e+01	-2.8799e+01	8.6321e+00
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	-1.1559e+01	4.4485e+01	8.3840e+00
	1739	0.0000e+00	0.0000e+00	0.0000e+00	-6.2291e+00	2.2426e+01	9.4813e+00
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-8.9452e-01	1.9093e+01	1.0108e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-1.4943e+01	-4.3766e+00	9.0108e+00
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	-1.0958e+01	4.2468e+01	7.2613e+00
	1738	0.0000e+00	0.0000e+00	0.0000e+00	-4.7121e+00	3.0546e+01	7.9633e+00
	1739	0.0000e+00	0.0000e+00	0.0000e+00	-1.6612e+00	2.8683e+01	9.0177e+00
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-1.2761e+01	1.4389e+01	8.3157e+00
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	-1.1199e+01	3.6429e+01	5.9148e+00
	1737	0.0000e+00	0.0000e+00	0.0000e+00	-3.4672e+00	3.3985e+01	6.2073e+00
	1738	0.0000e+00	0.0000e+00	0.0000e+00	-2.5945e+00	3.3453e+01	7.4107e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-1.1552e+01	2.8302e+01	7.1181e+00
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	-1.2064e+01	2.6014e+01	4.6737e+00
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-2.3773e+00	3.2897e+01	4.4268e+00
	1737	0.0000e+00	0.0000e+00	0.0000e+00	-3.7050e+00	3.3631e+01	5.5914e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	-1.1176e+01	3.7894e+01	5.8384e+00
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.3139e+01	1.0846e+01	3.7406e+00
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-1.3242e+00	2.7218e+01	2.7174e+00
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-4.9359e+00	2.9288e+01	3.7447e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-1.1347e+01	4.3349e+01	4.7679e+00
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.4304e+01	-8.9008e+00	3.2575e+00
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-1.4486e-01	1.6327e+01	1.3432e+00
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-6.2288e+00	2.0332e+01	1.9825e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.1623e+01	4.4121e+01	3.8968e+00
853	23	0.0000e+00	0.0000e+00	0.0000e+00	-1.6532e+01	-3.3831e+01	6.3121e+00
	78	0.0000e+00	0.0000e+00	0.0000e+00	5.9493e+00	-3.2739e+00	1.6755e+00
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-7.5016e+00	5.3715e+00	-4.1242e-01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.1323e+01	4.0627e+01	4.2241e+00
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	4.0721e+01	9.1873e-02	1.5389e+00
	90	0.0000e+00	0.0000e+00	0.0000e+00	4.0793e+01	8.4463e-01	-3.8489e-01
	12	0.0000e+00	0.0000e+00	0.0000e+00	3.4885e+01	2.2050e+00	3.3658e-01
	196	0.0000e+00	0.0000e+00	0.0000e+00	4.2658e+01	1.5597e+00	2.2604e+00
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	4.2406e+01	-2.2343e-01	3.7618e+00
	1733	0.0000e+00	0.0000e+00	0.0000e+00	4.2028e+01	8.7029e-01	2.1513e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	3.6918e+01	1.0941e+00	2.5829e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	4.4192e+01	1.3516e+00	4.1934e+00
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	4.4022e+01	-3.6604e-01	5.7784e+00
	1732	0.0000e+00	0.0000e+00	0.0000e+00	4.3592e+01	5.1884e-01	4.1987e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	3.9148e+01	8.8328e-01	4.8638e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	4.5205e+01	4.7942e-01	6.4434e+00
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	4.5033e+01	-5.7847e-01	7.5633e+00
	1731	0.0000e+00	0.0000e+00	0.0000e+00	4.4702e+01	-5.8608e-03	6.1439e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	4.1812e+01	-2.4225e-02	7.0842e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	4.4993e+01	-1.2737e+00	8.5036e+00

858	1729	0.0000e+00	0.0000e+00	0.0000e+00	4.4924e+01	-8.1036e-01	9.0094e+00
	1730	0.0000e+00	0.0000e+00	0.0000e+00	4.4807e+01	-9.1791e-01	7.8853e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	4.5045e+01	-1.7055e+00	8.9617e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	4.2365e+01	-3.8988e+00	1.0086e+01
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	4.2886e+01	-9.4527e-01	1.0038e+01
	1729	0.0000e+00	0.0000e+00	0.0000e+00	4.3139e+01	-2.2803e+00	9.2874e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	4.8664e+01	-4.0541e+00	1.0248e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	3.5812e+01	-7.2509e+00	1.0998e+01
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	3.7843e+01	-8.4496e-01	1.0678e+01
	1728	0.0000e+00	0.0000e+00	0.0000e+00	3.8677e+01	-4.1069e+00	1.0289e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	5.2103e+01	-6.8404e+00	1.0785e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	2.3616e+01	-1.1062e+01	1.1173e+01
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	2.8332e+01	-3.9644e-01	1.1002e+01
	1727	0.0000e+00	0.0000e+00	0.0000e+00	3.0190e+01	-6.3938e+00	1.0927e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	5.4358e+01	-9.7236e+00	1.0581e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	4.0101e+00	-1.5049e+01	1.0656e+01
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	1.0986e+01	-4.0476e-01	1.0002e+01
	1726	0.0000e+00	0.0000e+00	0.0000e+00	1.6378e+01	-9.4546e+00	1.0929e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	5.3614e+01	-1.2407e+01	1.0086e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-2.4337e+01	-1.9824e+01	9.1594e+00
863	89	0.0000e+00	0.0000e+00	0.0000e+00	-3.3343e+01	8.8311e+00	-3.4986e+00
	1725	0.0000e+00	0.0000e+00	0.0000e+00	-8.5265e+00	-1.6894e+01	9.3557e+00
	99	0.0000e+00	0.0000e+00	0.0000e+00	4.8556e+01	-1.4788e+01	1.0752e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.3891e+01	-4.3218e+01	-2.1027e+00
864	773	0.0000e+00	0.0000e+00	0.0000e+00	4.2685e+01	1.5369e+00	-2.1303e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	3.4861e+01	2.1137e+00	-2.2188e-01
	96	0.0000e+00	0.0000e+00	0.0000e+00	4.0783e+01	8.5747e-01	4.8081e-01
	1724	0.0000e+00	0.0000e+00	0.0000e+00	4.0703e+01	7.2637e-02	-1.4276e+00
865	763	0.0000e+00	0.0000e+00	0.0000e+00	4.4195e+01	1.3431e+00	-4.0652e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	3.6919e+01	1.0758e+00	-2.4598e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	4.2026e+01	8.5971e-01	-2.0363e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	4.2402e+01	-2.2820e-01	-3.6417e+00
866	753	0.0000e+00	0.0000e+00	0.0000e+00	4.5201e+01	4.7882e-01	-6.3106e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	3.9152e+01	8.7744e-01	-4.7356e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	4.3588e+01	5.1590e-01	-4.0746e+00
	1722	0.0000e+00	0.0000e+00	0.0000e+00	4.4016e+01	-3.6638e-01	-5.6496e+00
867	743	0.0000e+00	0.0000e+00	0.0000e+00	4.4989e+01	-1.2676e+00	-8.3645e+00
	753	0.0000e+00	0.0000e+00	0.0000e+00	4.1811e+01	-2.2910e-02	-6.9500e+00
	1722	0.0000e+00	0.0000e+00	0.0000e+00	4.4696e+01	-5.9427e-03	-6.0129e+00
	1721	0.0000e+00	0.0000e+00	0.0000e+00	4.5024e+01	-5.7709e-01	-7.4274e+00
868	733	0.0000e+00	0.0000e+00	0.0000e+00	4.2369e+01	-3.8846e+00	-9.9400e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	4.5036e+01	-1.6981e+00	-8.8207e+00
	1721	0.0000e+00	0.0000e+00	0.0000e+00	4.4800e+01	-9.1489e-01	-7.7474e+00
	1720	0.0000e+00	0.0000e+00	0.0000e+00	4.4916e+01	-8.0815e-01	-8.8667e+00
869	723	0.0000e+00	0.0000e+00	0.0000e+00	3.5835e+01	-7.2260e+00	-1.0847e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	4.8646e+01	-4.0395e+00	-1.0100e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	4.3137e+01	-2.2733e+00	-9.1427e+00
	1719	0.0000e+00	0.0000e+00	0.0000e+00	4.2885e+01	-9.4253e-01	-9.8891e+00
870	713	0.0000e+00	0.0000e+00	0.0000e+00	2.3672e+01	-1.1023e+01	-1.1018e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	5.2078e+01	-6.8165e+00	-1.0632e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	3.8689e+01	-4.0943e+00	-1.0139e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	3.7860e+01	-8.4178e-01	-1.0526e+01
871	703	0.0000e+00	0.0000e+00	0.0000e+00	4.1173e+00	-1.4992e+01	-1.0503e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	5.4330e+01	-9.6876e+00	-1.0426e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	3.0228e+01	-6.3735e+00	-1.0775e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	2.8379e+01	-3.9245e-01	-1.0852e+01
872	693	0.0000e+00	0.0000e+00	0.0000e+00	-2.4156e+01	-1.9734e+01	-9.0208e+00
	703	0.0000e+00	0.0000e+00	0.0000e+00	5.3590e+01	-1.2355e+01	-9.9320e+00
	1717	0.0000e+00	0.0000e+00	0.0000e+00	1.6457e+01	-9.4212e+00	-1.0782e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	1.1096e+01	-3.9397e-01	-9.8712e+00
873	11	0.0000e+00	0.0000e+00	0.0000e+00	-6.3596e+01	-4.2976e+01	2.1566e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	4.8546e+01	-1.4710e+01	-1.0597e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	-8.3633e+00	-1.6815e+01	-9.2430e+00

	95	0.0000e+00	0.0000e+00	0.0000e+00	-3.3012e+01	8.8273e+00	3.5104e+00
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	4.0985e+01	-1.1674e+01	3.3354e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	-5.5082e+01	-2.8580e+01	-1.1430e-01
	97	0.0000e+00	0.0000e+00	0.0000e+00	-1.2772e+01	1.0822e+01	2.4438e+00
	1715	0.0000e+00	0.0000e+00	0.0000e+00	-8.4744e+00	-1.1022e+01	5.8935e+00
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	4.4083e+01	-9.9474e+00	3.7505e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-2.2356e+01	-1.5421e+01	3.4931e+00
	1715	0.0000e+00	0.0000e+00	0.0000e+00	9.0591e+00	-9.5187e-02	4.5513e+00
	1714	0.0000e+00	0.0000e+00	0.0000e+00	1.2135e+01	-7.6116e+00	4.8087e+00
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	4.5214e+01	-7.7306e+00	4.4758e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	1.2730e+00	-1.2154e+01	4.4184e+00
	1714	0.0000e+00	0.0000e+00	0.0000e+00	2.2391e+01	-1.4504e-01	4.8264e+00
	1713	0.0000e+00	0.0000e+00	0.0000e+00	2.3977e+01	-5.3556e+00	4.8837e+00
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	4.4171e+01	-5.3718e+00	4.8399e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	1.7793e+01	-8.9529e+00	5.0227e+00
	1713	0.0000e+00	0.0000e+00	0.0000e+00	3.0725e+01	-4.7990e-01	4.7420e+00
	1712	0.0000e+00	0.0000e+00	0.0000e+00	3.1619e+01	-3.5191e+00	4.5592e+00
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	4.2289e+01	-3.0712e+00	4.5407e+00
	1476	0.0000e+00	0.0000e+00	0.0000e+00	2.8328e+01	-5.8686e+00	5.0608e+00
	1712	0.0000e+00	0.0000e+00	0.0000e+00	3.5623e+01	-5.1652e-01	4.3938e+00
	1711	0.0000e+00	0.0000e+00	0.0000e+00	3.6072e+01	-2.0267e+00	3.8738e+00
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	4.0388e+01	-9.7484e-01	3.5793e+00
	1466	0.0000e+00	0.0000e+00	0.0000e+00	3.4305e+01	-3.1110e+00	4.4813e+00
	1711	0.0000e+00	0.0000e+00	0.0000e+00	3.8160e+01	-3.0594e-01	3.6056e+00
	1710	0.0000e+00	0.0000e+00	0.0000e+00	3.8401e+01	-7.5196e-01	2.7036e+00
880	22	0.0000e+00	0.0000e+00	0.0000e+00	3.9169e+01	2.2431e+00	1.9697e+00
	1456	0.0000e+00	0.0000e+00	0.0000e+00	3.6910e+01	-7.0970e-01	3.5463e+00
	1710	0.0000e+00	0.0000e+00	0.0000e+00	3.9516e+01	3.3106e-01	2.2148e+00
	96	0.0000e+00	0.0000e+00	0.0000e+00	3.9830e+01	-5.1587e-02	6.3816e-01
881	1709	0.0000e+00	0.0000e+00	0.0000e+00	-8.3214e+00	-1.0970e+01	-5.8444e+00
	91	0.0000e+00	0.0000e+00	0.0000e+00	-1.2649e+01	1.0763e+01	-2.3993e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	-5.4717e+01	-2.8426e+01	1.4642e-01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	4.0885e+01	-1.1606e+01	-3.2987e+00
882	1708	0.0000e+00	0.0000e+00	0.0000e+00	1.2186e+01	-7.5736e+00	-4.7625e+00
	1709	0.0000e+00	0.0000e+00	0.0000e+00	9.1224e+00	-8.9989e-02	-4.5098e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	-2.2148e+01	-1.5340e+01	-3.4546e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	4.3980e+01	-9.8931e+00	-3.7073e+00
883	1707	0.0000e+00	0.0000e+00	0.0000e+00	2.3972e+01	-5.3287e+00	-4.8309e+00
	1708	0.0000e+00	0.0000e+00	0.0000e+00	2.2394e+01	-1.4223e-01	-4.7778e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	1.3700e+00	-1.2090e+01	-4.3716e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	4.5106e+01	-7.6873e+00	-4.4247e+00
884	1706	0.0000e+00	0.0000e+00	0.0000e+00	3.1578e+01	-3.5008e+00	-4.5028e+00
	1707	0.0000e+00	0.0000e+00	0.0000e+00	3.0689e+01	-4.7551e-01	-4.6885e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	1.7812e+01	-8.9039e+00	-4.9683e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	4.4071e+01	-5.3386e+00	-4.7826e+00
885	1705	0.0000e+00	0.0000e+00	0.0000e+00	3.6013e+01	-2.0151e+00	-3.8155e+00
	1706	0.0000e+00	0.0000e+00	0.0000e+00	3.5565e+01	-5.1105e-01	-4.3370e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	2.8296e+01	-5.8332e+00	-5.0013e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	4.2202e+01	-3.0470e+00	-4.4798e+00
886	1704	0.0000e+00	0.0000e+00	0.0000e+00	3.8342e+01	-7.4096e-01	-2.6408e+00
	1705	0.0000e+00	0.0000e+00	0.0000e+00	3.8094e+01	-2.9823e-01	-3.5453e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	3.4243e+01	-3.0870e+00	-4.4206e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	4.0318e+01	-9.5480e-01	-3.5160e+00
887	90	0.0000e+00	0.0000e+00	0.0000e+00	3.9825e+01	-5.4756e-02	-5.3802e-01
	1704	0.0000e+00	0.0000e+00	0.0000e+00	3.9463e+01	3.5445e-01	-2.1448e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	3.6832e+01	-6.9074e-01	-3.4942e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	3.9126e+01	2.3230e+00	-1.8874e+00
888	33	0.0000e+00	0.0000e+00	0.0000e+00	-1.8135e+01	-2.4966e+01	2.8502e+00
	88	0.0000e+00	0.0000e+00	0.0000e+00	4.8709e+00	-9.7520e+00	-1.9325e+00
	94	0.0000e+00	0.0000e+00	0.0000e+00	-6.3773e+00	-8.3009e+00	-1.0625e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	-1.6452e+01	5.1729e+00	3.7202e+00
889	77	0.0000e+00	0.0000e+00	0.0000e+00	-3.6935e+01	-8.3992e+00	-5.5356e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	-6.6184e+01	-4.9960e+01	6.2103e+00

	95	0.0000e+00	0.0000e+00	0.0000e+00	-5.3308e+01	1.4097e+01	-9.4236e-01
	98	0.0000e+00	0.0000e+00	0.0000e+00	-2.6320e+01	-1.3158e+01	-1.2688e+01
890	91	0.0000e+00	0.0000e+00	0.0000e+00	-1.6343e+01	5.1639e+00	-3.6693e+00
	93	0.0000e+00	0.0000e+00	0.0000e+00	-6.3679e+00	-8.2696e+00	1.0667e+00
	78	0.0000e+00	0.0000e+00	0.0000e+00	4.8649e+00	-9.7204e+00	1.9193e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	-1.8104e+01	-2.4859e+01	-2.8168e+00
891	92	0.0000e+00	0.0000e+00	0.0000e+00	-2.6523e+01	-1.3242e+01	1.2840e+01
	89	0.0000e+00	0.0000e+00	0.0000e+00	-5.3763e+01	1.4185e+01	9.7973e-01
	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.6727e+01	-5.0284e+01	-6.2222e+00
	67	0.0000e+00	0.0000e+00	0.0000e+00	-3.7280e+01	-8.4530e+00	5.6378e+00
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	-1.1910e+01	-2.9545e+01	-1.2462e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-3.6892e+01	3.7026e+01	-5.0996e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	-8.9751e+01	-1.0418e+02	1.3154e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	3.3185e+01	-5.0346e+01	5.1688e+00
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	-1.8672e+00	-2.7511e+00	4.7123e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-2.3580e+01	3.7149e+01	1.3694e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-3.7062e+01	-5.6568e+01	1.4705e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	4.8797e+00	-1.6869e+01	4.8134e+00
894	1694	0.0000e+00	0.0000e+00	0.0000e+00	4.3817e+00	9.7354e+00	4.4772e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.6738e+01	3.5433e+01	3.2552e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-2.4166e+01	-2.2127e+01	3.9225e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	9.3478e+00	2.2453e+00	5.1445e+00
895	1693	0.0000e+00	0.0000e+00	0.0000e+00	7.1930e+00	1.6077e+01	3.5259e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.4973e+01	2.7999e+01	3.7838e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.7384e+01	3.2854e+00	4.9302e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	1.0124e+01	1.2931e+01	4.6723e+00
896	1692	0.0000e+00	0.0000e+00	0.0000e+00	6.7643e+00	1.6153e+01	2.2858e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.8058e+01	1.4375e+01	4.1065e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.5622e+01	2.1212e+01	5.2738e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	7.9965e+00	1.7117e+01	3.4530e+00
897	1691	0.0000e+00	0.0000e+00	0.0000e+00	2.5262e+00	9.6895e+00	1.2294e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-2.6941e+01	-6.4114e+00	5.2287e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.8856e+01	3.2831e+01	6.0057e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	2.4984e+00	1.5187e+01	2.0064e+00
898	1690	0.0000e+00	0.0000e+00	0.0000e+00	-8.4965e+00	-6.0097e+00	-4.2335e-01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-4.4352e+01	-3.6216e+01	7.8171e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-2.8329e+01	3.9209e+01	8.4820e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	-7.9162e+00	7.6833e+00	2.4154e-01
899	1647	0.0000e+00	0.0000e+00	0.0000e+00	1.9704e+01	-4.1768e+01	-7.8837e+00
	28	0.0000e+00	0.0000e+00	0.0000e+00	-1.2249e+02	-8.2692e+01	6.1736e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-4.7690e+01	4.7682e+01	1.7679e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	-2.6777e+01	-1.6084e+01	3.6219e+00
900	1689	0.0000e+00	0.0000e+00	0.0000e+00	4.5340e+01	-2.2929e+01	8.0880e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	1.4425e+01	-2.9607e+01	1.1674e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	2.0330e+01	-3.9065e+01	3.3031e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	4.6661e+01	-2.9125e+01	-2.8267e-01
901	1688	0.0000e+00	0.0000e+00	0.0000e+00	3.9093e+01	-3.6209e+00	9.8157e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	1.6954e+01	-6.2027e+00	1.1373e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	1.9427e+01	-8.9551e+00	1.3525e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	3.9758e+01	-1.5808e+01	1.1967e+01
902	1687	0.0000e+00	0.0000e+00	0.0000e+00	3.6573e+01	7.4851e+00	7.2226e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	1.8921e+01	8.3196e+00	7.7042e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	1.8984e+01	6.3827e+00	1.1632e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	3.7480e+01	-5.8006e-01	1.1150e+01
903	1686	0.0000e+00	0.0000e+00	0.0000e+00	3.5066e+01	1.2723e+01	2.9256e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	1.9168e+01	1.5896e+01	3.6625e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	1.9899e+01	1.4949e+01	8.1157e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	3.5819e+01	9.2815e+00	7.3788e+00
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	3.3533e+01	1.2073e+01	-2.1235e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	1.7327e+01	1.7393e+01	-7.9854e-01
	1693	0.0000e+00	0.0000e+00	0.0000e+00	1.9007e+01	1.7514e+01	3.9540e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	3.4523e+01	1.3399e+01	2.6290e+00
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.2356e+01	5.2349e+00	-7.3601e+00

	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.3018e+01	1.2915e+01	-5.5131e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	1.5995e+01	1.4000e+01	-4.6579e-01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	3.3100e+01	1.1660e+01	-2.3128e+00
906	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.2023e+01	-8.3845e+00	-1.1322e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	9.5003e+00	1.3632e+00	-1.0495e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.0605e+01	3.2154e+00	-5.7769e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.2584e+01	3.5965e+00	-6.6036e+00
907	1639	0.0000e+00	0.0000e+00	0.0000e+00	3.7972e+01	-2.1998e+01	-1.9506e+00
	1647	0.0000e+00	0.0000e+00	0.0000e+00	8.0027e+00	-2.9411e+01	-4.5641e+00
	1690	0.0000e+00	0.0000e+00	0.0000e+00	3.5695e+00	-1.9287e+01	-1.0340e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.7139e+01	-1.5234e+01	-7.7263e+00
908	1682	0.0000e+00	0.0000e+00	0.0000e+00	5.8439e+01	-1.4435e+01	3.9035e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	4.7944e+01	-1.8332e+01	6.2236e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	5.1374e+01	-2.4137e+01	6.6132e-01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	5.9683e+01	-1.6992e+01	-1.6587e+00
909	1681	0.0000e+00	0.0000e+00	0.0000e+00	5.3520e+01	-4.7285e+00	6.3057e+00
	1688	0.0000e+00	0.0000e+00	0.0000e+00	4.3943e+01	-3.4242e+00	1.0090e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	4.8922e+01	-1.3538e+01	9.2615e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	5.6166e+01	-1.0588e+01	5.4768e+00
910	1680	0.0000e+00	0.0000e+00	0.0000e+00	4.9605e+01	3.8898e+00	5.0306e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	4.1748e+01	6.8789e+00	7.4810e+00
	1688	0.0000e+00	0.0000e+00	0.0000e+00	4.4344e+01	1.3291e-01	9.6725e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	5.1947e+01	-1.2286e+00	7.2221e+00
911	1679	0.0000e+00	0.0000e+00	0.0000e+00	4.7509e+01	8.3027e+00	1.6597e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	4.0370e+01	1.2055e+01	3.0319e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	4.1847e+01	9.0385e+00	6.4694e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	4.8797e+01	5.9668e+00	5.0972e+00
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	4.6989e+01	7.8646e+00	-2.4391e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	3.9481e+01	1.1771e+01	-2.0187e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	4.0168e+01	1.2533e+01	1.7838e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	4.7149e+01	8.8911e+00	1.3633e+00
913	1677	0.0000e+00	0.0000e+00	0.0000e+00	4.8216e+01	2.7099e+00	-5.8530e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.9467e+01	5.7087e+00	-6.6475e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	3.8984e+01	1.0461e+01	-3.3409e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	4.7099e+01	6.8952e+00	-2.5464e+00
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	5.1107e+01	-5.5358e+00	-6.0243e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	4.2249e+01	-6.4951e+00	-8.7173e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.8685e+01	2.6645e+00	-7.8657e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	4.9245e+01	1.4466e-02	-5.1726e+00
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	5.4235e+01	-1.1909e+01	-7.4063e-01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	4.3800e+01	-1.7393e+01	-2.6955e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	4.0871e+01	-1.1473e+01	-6.6196e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	5.3227e+01	-9.1656e+00	-4.6647e+00
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	5.8324e+01	-9.0820e+00	1.4329e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	5.8003e+01	-1.2050e+01	2.6992e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	5.9871e+01	-1.4672e+01	-9.3658e-01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	5.9007e+01	-1.0422e+01	-2.2029e+00
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	5.5323e+01	-3.6477e+00	3.2904e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	5.4415e+01	-3.9948e+00	6.0545e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	5.8171e+01	-9.5329e+00	4.5914e+00
	1675	0.0000e+00	0.0000e+00	0.0000e+00	5.7137e+01	-6.9753e+00	1.8273e+00
918	1673	0.0000e+00	0.0000e+00	0.0000e+00	5.2236e+01	2.0009e+00	2.8270e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	5.1404e+01	3.4402e+00	5.2140e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	5.4439e+01	-1.1703e+00	5.9360e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	5.4010e+01	-1.1643e+00	3.5489e+00
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	5.0411e+01	5.1945e+00	7.8507e-01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	4.9750e+01	7.4872e+00	2.0501e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	5.1324e+01	5.3085e+00	4.0314e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	5.1386e+01	3.6676e+00	2.7664e+00
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	5.0265e+01	4.9517e+00	-1.7248e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	4.9628e+01	7.1976e+00	-1.7802e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	4.9620e+01	7.8605e+00	4.8677e-01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	5.0161e+01	5.6058e+00	5.4216e-01

921	1670	0.0000e+00	0.0000e+00	0.0000e+00	5.1751e+01	1.5217e+00	-3.3853e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	5.1193e+01	2.5827e+00	-4.7824e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	4.9462e+01	5.9853e+00	-3.2615e+00
	1671	0.0000e+00	0.0000e+00	0.0000e+00	5.0667e+01	4.0269e+00	-1.8644e+00
922	1669	0.0000e+00	0.0000e+00	0.0000e+00	5.4207e+01	-3.4729e+00	-2.8929e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	5.3969e+01	-4.7874e+00	-5.0982e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	5.0961e+01	1.5172e-01	-5.4526e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	5.2772e+01	-4.5924e-01	-3.2473e+00
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	5.6006e+01	-6.8022e+00	-1.3032e-01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	5.5343e+01	-9.8831e+00	-1.3103e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	5.3650e+01	-7.2797e+00	-3.8041e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	5.5322e+01	-5.4096e+00	-2.6241e+00
924	1668	0.0000e+00	0.0000e+00	0.0000e+00	5.1602e+01	-6.1925e+00	-1.5017e-01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	5.6310e+01	-8.0871e+00	5.4073e-01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	5.7250e+01	-9.5745e+00	-1.5995e+00
	1308	0.0000e+00	0.0000e+00	0.0000e+00	5.2054e+01	-7.2201e+00	-2.2904e+00
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	4.9825e+01	-2.4489e+00	9.7354e-01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	5.3815e+01	-3.2267e+00	2.7879e+00
	1675	0.0000e+00	0.0000e+00	0.0000e+00	5.6192e+01	-6.7022e+00	1.4236e+00
	1668	0.0000e+00	0.0000e+00	0.0000e+00	5.1104e+01	-4.7715e+00	-3.9078e-01
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	4.7923e+01	1.3447e+00	1.1134e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	5.1423e+01	1.7343e+00	2.8040e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	5.3676e+01	-1.5053e+00	2.6100e+00
	1667	0.0000e+00	0.0000e+00	0.0000e+00	4.9076e+01	-7.3057e-01	9.1940e-01
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	4.6774e+01	3.5414e+00	2.7701e-01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	5.0135e+01	4.5201e+00	1.1572e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	5.1314e+01	2.9145e+00	1.8373e+00
	1666	0.0000e+00	0.0000e+00	0.0000e+00	4.7369e+01	2.5431e+00	9.5709e-01
928	1664	0.0000e+00	0.0000e+00	0.0000e+00	4.6776e+01	3.4347e+00	-8.3703e-01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	5.0288e+01	4.2302e+00	-1.0148e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	5.0067e+01	4.7463e+00	-1.4500e-01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	4.6638e+01	3.8149e+00	3.2805e-02
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	4.7919e+01	1.1464e+00	-1.3578e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	5.1785e+01	1.0768e+00	-2.5155e+00
	1671	0.0000e+00	0.0000e+00	0.0000e+00	5.0275e+01	3.4447e+00	-2.1886e+00
	1664	0.0000e+00	0.0000e+00	0.0000e+00	4.7096e+01	2.7261e+00	-1.0308e+00
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	4.9704e+01	-2.2769e+00	-8.2851e-01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	5.3851e+01	-3.3887e+00	-2.4038e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	5.1839e+01	-4.0685e-01	-3.0488e+00
	1663	0.0000e+00	0.0000e+00	0.0000e+00	4.8542e+01	-2.3809e-01	-1.4736e+00
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	5.0809e+01	-4.5802e+00	2.4762e-01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	5.4920e+01	-6.1570e+00	-5.3393e-01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	5.3942e+01	-4.7425e+00	-1.9158e+00
	1662	0.0000e+00	0.0000e+00	0.0000e+00	5.0211e+01	-3.5759e+00	-1.1343e+00
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	4.2162e+01	-5.0349e+00	-1.2196e+00
	1668	0.0000e+00	0.0000e+00	0.0000e+00	4.9054e+01	-6.0807e+00	-7.7777e-01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	4.9494e+01	-7.2651e+00	-1.7265e+00
	1297	0.0000e+00	0.0000e+00	0.0000e+00	4.2612e+01	-6.4273e+00	-2.1684e+00
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	4.1511e+01	-1.3998e+00	-3.9440e-01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	4.7355e+01	-2.2928e+00	6.4771e-01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	4.8712e+01	-4.9417e+00	-5.9603e-01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	4.2254e+01	-3.3655e+00	-1.6381e+00
934	1659	0.0000e+00	0.0000e+00	0.0000e+00	4.0851e+01	1.3962e+00	2.0530e-01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	4.5885e+01	1.1842e+00	1.0805e+00
	1667	0.0000e+00	0.0000e+00	0.0000e+00	4.7256e+01	-1.1838e+00	4.0246e-01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	4.1244e+01	-4.9725e-02	-4.7275e-01
935	1658	0.0000e+00	0.0000e+00	0.0000e+00	4.0389e+01	2.9040e+00	5.8707e-02
	1665	0.0000e+00	0.0000e+00	0.0000e+00	4.5172e+01	3.0568e+00	5.1102e-01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	4.5873e+01	1.9009e+00	4.2814e-01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	4.0600e+01	2.2182e+00	-2.4170e-02
936	1657	0.0000e+00	0.0000e+00	0.0000e+00	4.0383e+01	2.8757e+00	-2.6564e-01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	4.5354e+01	2.8300e+00	-3.8891e-01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	4.5155e+01	3.1985e+00	-3.5393e-01

	1658	0.0000e+00	0.0000e+00	0.0000e+00	4.0334e+01	3.0834e+00	-2.3066e-01
937	1656	0.0000e+00	0.0000e+00	0.0000e+00	4.0867e+01	1.3313e+00	-1.5610e-01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	4.6361e+01	6.4295e-01	-8.1830e-01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	4.5343e+01	2.3608e+00	-1.1723e+00
	1657	0.0000e+00	0.0000e+00	0.0000e+00	4.0551e+01	2.3752e+00	-5.1006e-01
938	1655	0.0000e+00	0.0000e+00	0.0000e+00	4.1944e+01	-1.5002e+00	5.3241e-01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	4.7720e+01	-2.5530e+00	-4.9783e-01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	4.6469e+01	-3.1545e-01	-1.2876e+00
	1656	0.0000e+00	0.0000e+00	0.0000e+00	4.1120e+01	1.9966e-01	-2.5734e-01
939	1607	0.0000e+00	0.0000e+00	0.0000e+00	4.2600e+01	-4.3660e+00	5.4012e-01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	4.8730e+01	-4.7475e+00	-1.0019e-01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	4.8116e+01	-3.6727e+00	-5.6770e-01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	4.1923e+01	-3.1260e+00	7.2615e-02
940	945	0.0000e+00	0.0000e+00	0.0000e+00	3.2222e+01	-2.5332e+00	-1.5259e+00
	1661	0.0000e+00	0.0000e+00	0.0000e+00	3.9193e+01	-5.2863e+00	-1.2170e+00
	1297	0.0000e+00	0.0000e+00	0.0000e+00	4.0674e+01	-7.1247e+00	-1.6730e+00
	18	0.0000e+00	0.0000e+00	0.0000e+00	3.1363e+01	-8.9725e+00	-1.9819e+00
941	944	0.0000e+00	0.0000e+00	0.0000e+00	3.3929e+01	-2.8669e-01	-9.9419e-02
	1660	0.0000e+00	0.0000e+00	0.0000e+00	3.8740e+01	-1.0487e+00	-3.9483e-01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	3.9152e+01	-3.9000e+00	-1.5902e+00
	945	0.0000e+00	0.0000e+00	0.0000e+00	3.2921e+01	-2.2889e+00	-1.2947e+00
942	943	0.0000e+00	0.0000e+00	0.0000e+00	3.4480e+01	1.6354e+00	1.6669e-01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	3.8650e+01	1.3657e+00	1.9149e-01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	3.9053e+01	-5.0966e-01	-4.2609e-01
	944	0.0000e+00	0.0000e+00	0.0000e+00	3.4127e+01	4.4678e-01	-4.5089e-01
943	942	0.0000e+00	0.0000e+00	0.0000e+00	3.4586e+01	2.6472e+00	3.5751e-02
	1658	0.0000e+00	0.0000e+00	0.0000e+00	3.8560e+01	2.5846e+00	1.1803e-01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	3.8811e+01	1.7306e+00	-1.0095e-01
	943	0.0000e+00	0.0000e+00	0.0000e+00	3.4501e+01	2.1027e+00	-1.8323e-01
944	941	0.0000e+00	0.0000e+00	0.0000e+00	3.4540e+01	2.6308e+00	-1.6433e-01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	3.8648e+01	2.4231e+00	-1.7441e-01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	3.8579e+01	2.6754e+00	-3.2539e-01
	942	0.0000e+00	0.0000e+00	0.0000e+00	3.4589e+01	2.7674e+00	-3.1532e-01
945	940	0.0000e+00	0.0000e+00	0.0000e+00	3.4289e+01	1.5401e+00	-8.4584e-02
	1656	0.0000e+00	0.0000e+00	0.0000e+00	3.8855e+01	8.5464e-01	-1.1858e-01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	3.8536e+01	2.2160e+00	-5.4629e-01
	941	0.0000e+00	0.0000e+00	0.0000e+00	3.4539e+01	2.3797e+00	-5.1230e-01
946	939	0.0000e+00	0.0000e+00	0.0000e+00	3.3380e+01	-8.1313e-01	4.8658e-01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	3.9089e+01	-2.0922e+00	6.3530e-01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	3.8614e+01	4.1232e-01	-2.8331e-01
	940	0.0000e+00	0.0000e+00	0.0000e+00	3.4155e+01	9.5694e-01	-4.3204e-01
947	17	0.0000e+00	0.0000e+00	0.0000e+00	3.2150e+01	-7.5414e+00	7.9664e-01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	4.1079e+01	-5.1480e+00	1.9779e-01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	3.9244e+01	-3.5197e+00	1.0208e-01
	939	0.0000e+00	0.0000e+00	0.0000e+00	3.2779e+01	-9.3627e-01	7.0093e-01
948	1646	0.0000e+00	0.0000e+00	0.0000e+00	-2.6778e+01	-1.6066e+01	-3.6282e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	-4.7683e+01	4.7682e+01	-1.7689e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	-1.2249e+02	-8.2654e+01	-6.1751e+00
	1647	0.0000e+00	0.0000e+00	0.0000e+00	1.9697e+01	-4.1764e+01	7.8855e+00
949	1645	0.0000e+00	0.0000e+00	0.0000e+00	-7.9138e+00	7.6943e+00	-2.5145e-01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	-2.8327e+01	3.9208e+01	-8.4918e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	-4.4345e+01	-3.6188e+01	-7.8260e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	-8.4984e+00	-5.9969e+00	4.1444e-01
950	1644	0.0000e+00	0.0000e+00	0.0000e+00	2.5009e+00	1.5193e+01	-2.0167e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	-1.8857e+01	3.2824e+01	-6.0158e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	-2.6939e+01	-6.3906e+00	-5.2388e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	2.5253e+00	9.6984e+00	-1.2398e+00
951	1643	0.0000e+00	0.0000e+00	0.0000e+00	7.9990e+00	1.7116e+01	-3.4627e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	-1.5625e+01	2.1198e+01	-5.2838e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	-1.8058e+01	1.4390e+01	-4.1168e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	6.7630e+00	1.6156e+01	-2.2957e+00
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	1.0127e+01	1.2923e+01	-4.6812e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-1.7390e+01	3.2620e+00	-4.9396e+00

	1651	0.0000e+00	0.0000e+00	0.0000e+00	-1.4975e+01	2.8010e+01	-3.7935e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	7.1913e+00	1.6074e+01	-3.5351e+00
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	9.3515e+00	2.2287e+00	-5.1521e+00
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-2.4176e+01	-2.2162e+01	-3.9307e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-1.6743e+01	3.5439e+01	-3.2641e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	4.3797e+00	9.7240e+00	-4.4855e+00
954	1640	0.0000e+00	0.0000e+00	0.0000e+00	4.8864e+00	-1.6894e+01	-4.8176e+00
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-3.7076e+01	-5.6618e+01	-1.4764e+00
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-2.3588e+01	3.7150e+01	-1.3770e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	-1.8688e+00	-2.7719e+00	-4.7182e+00
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	3.3202e+01	-5.0368e+01	-5.1589e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	-8.9762e+01	-1.0425e+02	-1.3128e+00
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-3.6904e+01	3.7023e+01	5.0930e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	-1.1907e+01	-2.9578e+01	1.2469e+00
956	1638	0.0000e+00	0.0000e+00	0.0000e+00	3.7136e+01	-1.5226e+01	7.7171e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	3.5678e+00	-1.9273e+01	1.0333e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	8.0036e+00	-2.9410e+01	4.5599e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	3.7971e+01	-2.1995e+01	1.9440e+00
957	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.2582e+01	3.6062e+00	6.5929e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.0605e+01	3.2274e+00	5.7651e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	9.4981e+00	1.3733e+00	1.0485e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	3.2021e+01	-8.3755e+00	1.1313e+01
958	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.3101e+01	1.1665e+01	2.3021e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.5996e+01	1.4007e+01	4.5364e-01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.3017e+01	1.2922e+01	5.5009e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.2355e+01	5.2436e+00	7.3494e+00
959	1635	0.0000e+00	0.0000e+00	0.0000e+00	3.4527e+01	1.3399e+01	-2.6392e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.9009e+01	1.7515e+01	-3.9657e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.7327e+01	1.7395e+01	7.8650e-01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.3535e+01	1.2077e+01	2.1130e+00
960	1634	0.0000e+00	0.0000e+00	0.0000e+00	3.5826e+01	9.2737e+00	-7.3883e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	1.9902e+01	1.4943e+01	-8.1270e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.9170e+01	1.5892e+01	-3.6740e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	3.5070e+01	1.2720e+01	-2.9353e+00
961	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.7490e+01	-5.9497e-01	-1.1158e+01
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.8990e+01	6.3691e+00	-1.1642e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	1.8924e+01	8.3070e+00	-7.7150e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	3.6582e+01	7.4751e+00	-7.2315e+00
962	1632	0.0000e+00	0.0000e+00	0.0000e+00	3.9770e+01	-1.5827e+01	-1.1971e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.9435e+01	-8.9759e+00	-1.3531e+01
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.6959e+01	-6.2240e+00	-1.1382e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.9105e+01	-3.6380e+00	-9.8229e+00
963	1276	0.0000e+00	0.0000e+00	0.0000e+00	4.6673e+01	-2.9140e+01	2.8495e-01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.0336e+01	-3.9084e+01	-3.2993e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.4433e+01	-2.9635e+01	-1.1676e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	4.5355e+01	-2.2948e+01	-8.0914e+00
964	1630	0.0000e+00	0.0000e+00	0.0000e+00	5.3224e+01	-9.1589e+00	4.6549e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	4.0869e+01	-1.1466e+01	6.6117e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	4.3800e+01	-1.7390e+01	2.6880e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	5.4235e+01	-1.1907e+01	7.3114e-01
965	1629	0.0000e+00	0.0000e+00	0.0000e+00	4.9243e+01	2.3972e-02	5.1638e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.8684e+01	2.6736e+00	7.8562e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	4.2247e+01	-6.4863e+00	8.7079e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	5.1105e+01	-5.5276e+00	6.0155e+00
966	1628	0.0000e+00	0.0000e+00	0.0000e+00	4.7100e+01	6.9019e+00	2.5390e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.8985e+01	1.0467e+01	3.3312e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.9466e+01	5.7171e+00	6.6373e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	4.8215e+01	2.7186e+00	5.8451e+00
967	1627	0.0000e+00	0.0000e+00	0.0000e+00	4.7155e+01	8.8916e+00	-1.3696e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	4.0173e+01	1.2533e+01	-1.7929e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.9483e+01	1.1775e+01	2.0089e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	4.6992e+01	7.8692e+00	2.4323e+00
968	1626	0.0000e+00	0.0000e+00	0.0000e+00	4.8806e+01	5.9602e+00	-5.1025e+00



	1634	0.0000e+00	0.0000e+00	0.0000e+00	4.1855e+01	9.0314e+00	-6.4779e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	4.0375e+01	1.2053e+01	-3.0409e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	4.7515e+01	8.3007e+00	-1.6655e+00
969	1625	0.0000e+00	0.0000e+00	0.0000e+00	5.1961e+01	-1.2416e+00	-7.2265e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	4.4355e+01	1.1885e-01	-9.6797e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	4.1757e+01	6.8694e+00	-7.4890e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	4.9616e+01	3.8806e+00	-5.0358e+00
970	1624	0.0000e+00	0.0000e+00	0.0000e+00	5.6181e+01	-1.0604e+01	-5.4799e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	4.8936e+01	-1.3556e+01	-9.2658e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	4.3955e+01	-3.4398e+00	-1.0096e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	5.3534e+01	-4.7434e+00	-6.3104e+00
971	1265	0.0000e+00	0.0000e+00	0.0000e+00	5.9696e+01	-1.7003e+01	1.6575e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	5.1386e+01	-2.4151e+01	-6.6058e-01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	4.7957e+01	-1.8350e+01	-6.2251e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	5.8455e+01	-1.4450e+01	-3.9071e+00
972	1622	0.0000e+00	0.0000e+00	0.0000e+00	5.5319e+01	-5.4005e+00	2.6127e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	5.3648e+01	-7.2729e+00	3.7949e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	5.5342e+01	-9.8812e+00	1.2998e+00
	1623	0.0000e+00	0.0000e+00	0.0000e+00	5.6007e+01	-6.8000e+00	1.1755e-01
973	1621	0.0000e+00	0.0000e+00	0.0000e+00	5.2771e+01	-4.4730e-01	3.2406e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	5.0959e+01	1.6176e-01	5.4451e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	5.3967e+01	-4.7790e+00	5.0885e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	5.4204e+01	-3.4621e+00	2.8840e+00
974	1620	0.0000e+00	0.0000e+00	0.0000e+00	5.0669e+01	4.0351e+00	1.8610e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	4.9463e+01	5.9925e+00	3.2553e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	5.1192e+01	2.5917e+00	4.7747e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	5.1750e+01	1.5326e+00	3.3804e+00
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	5.0168e+01	5.6074e+00	-5.4399e-01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	4.9626e+01	7.8616e+00	-4.9196e-01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	4.9630e+01	7.2025e+00	1.7742e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	5.0268e+01	4.9576e+00	1.7222e+00
976	1618	0.0000e+00	0.0000e+00	0.0000e+00	5.1397e+01	3.6616e+00	-2.7675e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	5.1334e+01	5.3022e+00	-4.0359e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	4.9757e+01	7.4854e+00	-2.0550e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	5.0418e+01	5.1933e+00	-7.8658e-01
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	5.4025e+01	-1.1774e+00	-3.5502e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	5.4453e+01	-1.1830e+00	-5.9402e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	5.1415e+01	3.4312e+00	-5.2181e+00
	1618	0.0000e+00	0.0000e+00	0.0000e+00	5.2247e+01	1.9921e+00	-2.8281e+00
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	5.7153e+01	-6.9916e+00	-1.8305e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	5.8186e+01	-9.5482e+00	-4.5956e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	5.4430e+01	-4.0093e+00	-6.0579e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	5.5338e+01	-3.6629e+00	-3.2928e+00
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	5.9019e+01	-1.0432e+01	2.1970e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	5.9884e+01	-1.4683e+01	9.3349e-01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	5.8018e+01	-1.2065e+01	-2.7020e+00
	1616	0.0000e+00	0.0000e+00	0.0000e+00	5.8340e+01	-9.0977e+00	-1.4385e+00
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	5.0207e+01	-3.5591e+00	1.1208e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	5.3939e+01	-4.7320e+00	1.9058e+00
	1623	0.0000e+00	0.0000e+00	0.0000e+00	5.4918e+01	-6.1536e+00	5.1943e-01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	5.0810e+01	-4.5742e+00	-2.6558e-01
981	1613	0.0000e+00	0.0000e+00	0.0000e+00	4.8542e+01	-2.2161e-01	1.4709e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	5.1837e+01	-3.9307e-01	3.0438e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	5.3848e+01	-3.3767e+00	2.3938e+00
	1614	0.0000e+00	0.0000e+00	0.0000e+00	4.9700e+01	-2.2579e+00	8.2097e-01
982	1612	0.0000e+00	0.0000e+00	0.0000e+00	4.7101e+01	2.7360e+00	1.0320e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	5.0277e+01	3.4538e+00	2.1862e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	5.1784e+01	1.0886e+00	2.5112e+00
	1613	0.0000e+00	0.0000e+00	0.0000e+00	4.7920e+01	1.1612e+00	1.3570e+00
983	1611	0.0000e+00	0.0000e+00	0.0000e+00	4.6646e+01	3.8174e+00	-3.0934e-02
	1619	0.0000e+00	0.0000e+00	0.0000e+00	5.0074e+01	4.7481e+00	1.4399e-01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	5.0291e+01	4.2368e+00	1.0132e+00
	1612	0.0000e+00	0.0000e+00	0.0000e+00	4.6781e+01	3.4417e+00	8.3830e-01

984 1610 0.0000e+00 0.0000e+00 0.0000e+00 4.7379e+01 2.5377e+00 -9.5471e-01  
1618 0.0000e+00 0.0000e+00 0.0000e+00 5.1325e+01 2.9085e+00 -1.8376e+00  
1619 0.0000e+00 0.0000e+00 0.0000e+00 5.0143e+01 4.5195e+00 -1.1579e+00  
1611 0.0000e+00 0.0000e+00 0.0000e+00 4.6783e+01 3.5408e+00 -2.7500e-01

985 1609 0.0000e+00 0.0000e+00 0.0000e+00 4.9090e+01 -7.4538e-01 -9.1742e-01  
1617 0.0000e+00 0.0000e+00 0.0000e+00 5.3690e+01 -1.5188e+00 -2.6109e+00  
1618 0.0000e+00 0.0000e+00 0.0000e+00 5.1435e+01 1.7255e+00 -2.8043e+00  
1610 0.0000e+00 0.0000e+00 0.0000e+00 4.7933e+01 1.3360e+00 -1.1108e+00

986 1608 0.0000e+00 0.0000e+00 0.0000e+00 5.1121e+01 -4.7944e+00 3.8807e-01  
1616 0.0000e+00 0.0000e+00 0.0000e+00 5.6208e+01 -6.7193e+00 -1.4283e+00  
1617 0.0000e+00 0.0000e+00 0.0000e+00 5.3831e+01 -3.2428e+00 -2.7890e+00  
1609 0.0000e+00 0.0000e+00 0.0000e+00 4.9839e+01 -2.4663e+00 -9.7266e-01

987 1243 0.0000e+00 0.0000e+00 0.0000e+00 5.2064e+01 -7.2349e+00 2.2774e+00  
1254 0.0000e+00 0.0000e+00 0.0000e+00 5.7264e+01 -9.5862e+00 1.5908e+00  
1616 0.0000e+00 0.0000e+00 0.0000e+00 5.6327e+01 -8.1040e+00 -5.4498e-01  
1608 0.0000e+00 0.0000e+00 0.0000e+00 5.1618e+01 -6.2152e+00 1.4166e-01

988 1606 0.0000e+00 0.0000e+00 0.0000e+00 4.1921e+01 -3.0768e+00 -8.6106e-02  
1614 0.0000e+00 0.0000e+00 0.0000e+00 4.8107e+01 -3.6505e+00 5.6000e-01  
1615 0.0000e+00 0.0000e+00 0.0000e+00 4.8725e+01 -4.7385e+00 7.8947e-02  
1607 0.0000e+00 0.0000e+00 0.0000e+00 4.2605e+01 -4.3571e+00 -5.6716e-01

989 1605 0.0000e+00 0.0000e+00 0.0000e+00 4.1129e+01 2.2167e-01 2.6410e-01  
1613 0.0000e+00 0.0000e+00 0.0000e+00 4.6468e+01 -2.9544e-01 1.2864e+00  
1614 0.0000e+00 0.0000e+00 0.0000e+00 4.7717e+01 -2.5326e+00 4.9102e-01  
1606 0.0000e+00 0.0000e+00 0.0000e+00 4.1940e+01 -1.4706e+00 -5.3130e-01

990 1604 0.0000e+00 0.0000e+00 0.0000e+00 4.0562e+01 2.3852e+00 5.1405e-01  
1612 0.0000e+00 0.0000e+00 0.0000e+00 4.5349e+01 2.3710e+00 1.1734e+00  
1613 0.0000e+00 0.0000e+00 0.0000e+00 4.6363e+01 6.5888e-01 8.1994e-01  
1605 0.0000e+00 0.0000e+00 0.0000e+00 4.0876e+01 1.3465e+00 1.6056e-01

991 1603 0.0000e+00 0.0000e+00 0.0000e+00 4.0345e+01 3.0858e+00 2.3356e-01  
1611 0.0000e+00 0.0000e+00 0.0000e+00 4.5163e+01 3.2006e+00 3.5579e-01  
1612 0.0000e+00 0.0000e+00 0.0000e+00 4.5361e+01 2.8380e+00 3.9120e-01  
1604 0.0000e+00 0.0000e+00 0.0000e+00 4.0394e+01 2.8824e+00 2.6898e-01

992 1602 0.0000e+00 0.0000e+00 0.0000e+00 4.0610e+01 2.2135e+00 2.7314e-02  
1610 0.0000e+00 0.0000e+00 0.0000e+00 4.5883e+01 1.8949e+00 -4.2548e-01  
1611 0.0000e+00 0.0000e+00 0.0000e+00 4.5181e+01 3.0572e+00 -5.0871e-01  
1603 0.0000e+00 0.0000e+00 0.0000e+00 4.0400e+01 2.9039e+00 -5.5914e-02

993 1601 0.0000e+00 0.0000e+00 0.0000e+00 4.1252e+01 -6.3849e-02 4.7709e-01  
1609 0.0000e+00 0.0000e+00 0.0000e+00 4.7268e+01 -1.1995e+00 -3.9912e-01  
1610 0.0000e+00 0.0000e+00 0.0000e+00 4.5895e+01 1.1760e+00 -1.0780e+00  
1602 0.0000e+00 0.0000e+00 0.0000e+00 4.0860e+01 1.3881e+00 -2.0179e-01

994 1600 0.0000e+00 0.0000e+00 0.0000e+00 4.2271e+01 -3.3954e+00 1.6410e+00  
1608 0.0000e+00 0.0000e+00 0.0000e+00 4.8727e+01 -4.9660e+00 5.9378e-01  
1609 0.0000e+00 0.0000e+00 0.0000e+00 4.7371e+01 -2.3123e+00 -6.4618e-01  
1601 0.0000e+00 0.0000e+00 0.0000e+00 4.1518e+01 -1.4212e+00 4.0105e-01

995 1232 0.0000e+00 0.0000e+00 0.0000e+00 4.2616e+01 -6.4481e+00 2.1439e+00  
1243 0.0000e+00 0.0000e+00 0.0000e+00 4.9510e+01 -7.2838e+00 1.7090e+00  
1608 0.0000e+00 0.0000e+00 0.0000e+00 4.9076e+01 -6.1087e+00 7.7454e-01  
1600 0.0000e+00 0.0000e+00 0.0000e+00 4.2174e+01 -5.0893e+00 1.2095e+00

996 868 0.0000e+00 0.0000e+00 0.0000e+00 3.2824e+01 -9.2719e-01 -6.8617e-01  
1606 0.0000e+00 0.0000e+00 0.0000e+00 3.9244e+01 -3.4501e+00 -1.0891e-01  
1607 0.0000e+00 0.0000e+00 0.0000e+00 4.1042e+01 -5.1255e+00 -2.5680e-01  
17 0.0000e+00 0.0000e+00 0.0000e+00 3.2190e+01 -7.3548e+00 -8.3405e-01

997 867 0.0000e+00 0.0000e+00 0.0000e+00 3.4180e+01 9.7368e-01 4.3466e-01  
1605 0.0000e+00 0.0000e+00 0.0000e+00 3.8630e+01 4.3013e-01 2.8803e-01  
1606 0.0000e+00 0.0000e+00 0.0000e+00 3.9105e+01 -2.0552e+00 -6.2873e-01  
868 0.0000e+00 0.0000e+00 0.0000e+00 3.3409e+01 -7.7868e-01 -4.8211e-01

998 866 0.0000e+00 0.0000e+00 0.0000e+00 3.4559e+01 2.3871e+00 5.1376e-01  
1604 0.0000e+00 0.0000e+00 0.0000e+00 3.8550e+01 2.2244e+00 5.4935e-01  
1605 0.0000e+00 0.0000e+00 0.0000e+00 3.8870e+01 8.7179e-01 1.2335e-01  
867 0.0000e+00 0.0000e+00 0.0000e+00 3.4311e+01 1.5548e+00 8.7766e-02

999 865 0.0000e+00 0.0000e+00 0.0000e+00 3.4605e+01 2.7684e+00 3.1602e-01  
1603 0.0000e+00 0.0000e+00 0.0000e+00 3.8591e+01 2.6772e+00 3.2730e-01  
1604 0.0000e+00 0.0000e+00 0.0000e+00 3.8661e+01 2.4307e+00 1.7737e-01

	866	0.0000e+00	0.0000e+00	0.0000e+00	3.4558e+01	2.6371e+00	1.6610e-01
1000	864	0.0000e+00	0.0000e+00	0.0000e+00	3.4514e+01	2.0970e+00	1.8305e-01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	3.8820e+01	1.7252e+00	1.0257e-01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	3.8571e+01	2.5855e+00	-1.1576e-01
	865	0.0000e+00	0.0000e+00	0.0000e+00	3.4601e+01	2.6472e+00	-3.5283e-02
1001	863	0.0000e+00	0.0000e+00	0.0000e+00	3.4133e+01	4.3090e-01	4.4941e-01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	3.9059e+01	-5.2559e-01	4.2836e-01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	3.8658e+01	1.3596e+00	-1.8893e-01
	864	0.0000e+00	0.0000e+00	0.0000e+00	3.4491e+01	1.6286e+00	-1.6788e-01
1002	862	0.0000e+00	0.0000e+00	0.0000e+00	3.2916e+01	-2.3272e+00	1.2906e+00
	1600	0.0000e+00	0.0000e+00	0.0000e+00	3.9146e+01	-3.9380e+00	1.5935e+00
	1601	0.0000e+00	0.0000e+00	0.0000e+00	3.8742e+01	-1.0641e+00	3.9895e-01
	863	0.0000e+00	0.0000e+00	0.0000e+00	3.3930e+01	-3.0351e-01	9.6122e-02
1003	16	0.0000e+00	0.0000e+00	0.0000e+00	3.1300e+01	-9.1698e+00	1.9328e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	4.0726e+01	-7.1632e+00	1.6186e+00
	1600	0.0000e+00	0.0000e+00	0.0000e+00	3.9195e+01	-5.3564e+00	1.2093e+00
	862	0.0000e+00	0.0000e+00	0.0000e+00	3.2197e+01	-2.5371e+00	1.5235e+00
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	-9.8480e+00	-2.9893e+01	-7.7224e+00
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-4.1020e+01	2.9181e+01	-1.0989e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	-8.7287e+01	-9.1475e+01	-5.3196e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	3.0402e+01	-4.4713e+01	-2.0526e+00
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	-1.6695e+00	-7.3894e+00	-1.7733e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-2.9704e+01	2.2979e+01	-4.9398e+00
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-3.9370e+01	-4.9703e+01	-4.9206e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	2.1633e+00	-1.9377e+01	-1.7542e+00
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	3.8949e+00	-2.2131e-01	-1.1566e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-2.4808e+01	1.5471e+01	-2.4399e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-2.9230e+01	-2.0486e+01	-2.3219e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	5.9532e+00	-5.0500e+00	-1.0386e+00
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	6.3657e+00	8.2113e-01	-7.6201e-01
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-2.4575e+01	1.5698e+00	-8.0203e-01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-2.4669e+01	7.2892e-01	-4.6232e-01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	6.3861e+00	7.3989e-01	-4.2230e-01
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	6.1246e+00	-4.6804e+00	-1.9911e-01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-2.8947e+01	-1.9311e+01	1.0114e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-2.4704e+01	1.4965e+01	1.1713e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	4.1113e+00	-1.2132e-02	-3.9265e-02
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	2.5056e+00	-1.8726e+01	3.9567e-01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-3.8936e+01	-4.8200e+01	3.5136e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-2.9419e+01	2.2818e+01	3.6178e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-1.2678e+00	-6.8823e+00	4.9988e-01
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	3.1096e+01	-4.3779e+01	5.1126e-01
	30	0.0000e+00	0.0000e+00	0.0000e+00	-8.6970e+01	-8.9699e+01	3.7610e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-4.0607e+01	2.9429e+01	9.5828e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-9.2817e+00	-2.9133e+01	6.3331e+00
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	4.6813e+01	-2.2021e+01	2.4460e-01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	1.5750e+01	-2.8430e+01	2.7594e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	1.9874e+01	-3.5563e+01	-4.5950e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	4.7321e+01	-2.6003e+01	-7.1098e+00
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	4.1876e+01	-8.5606e+00	1.9502e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	1.7783e+01	-9.8959e+00	3.2853e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	1.9535e+01	-1.2020e+01	4.9150e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	4.2583e+01	-1.6894e+01	3.5798e+00
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	4.0254e+01	-1.9692e+00	4.5034e-01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	1.9617e+01	-2.8895e-01	4.8068e-01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	1.9142e+01	-1.3449e+00	3.6546e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	4.0784e+01	-6.5565e+00	3.6242e+00
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	4.0138e+01	-1.2375e+00	-2.1213e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	2.0182e+01	2.4244e+00	-2.1974e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	2.0123e+01	2.3800e+00	1.1947e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	4.0057e+01	-1.3238e+00	1.2708e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	4.1081e+01	-6.2513e+00	-4.5311e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	1.9417e+01	-1.0281e+00	-4.7150e+00

	1590	0.0000e+00	0.0000e+00	0.0000e+00	1.9775e+01	-6.6129e-02	-1.4932e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	4.0384e+01	-1.8388e+00	-1.3093e+00
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	4.3102e+01	-1.6359e+01	-4.6013e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	2.0040e+01	-1.1423e+01	-6.0983e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	1.8158e+01	-9.4100e+00	-4.3781e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	4.2226e+01	-8.2096e+00	-2.8811e+00
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	4.8097e+01	-2.5190e+01	5.9505e+00
	1362	0.0000e+00	0.0000e+00	0.0000e+00	2.0592e+01	-3.4690e+01	3.2696e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	1.6345e+01	-2.7692e+01	-3.9823e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	4.7406e+01	-2.1444e+01	-1.3015e+00
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	6.1108e+01	-1.3949e+01	-2.5395e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	5.0286e+01	-1.7646e+01	-1.3441e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	5.2491e+01	-2.1467e+01	-6.0085e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	6.1105e+01	-1.5036e+01	-7.2038e+00
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	5.8354e+01	-8.3965e+00	-4.6964e-02
	1586	0.0000e+00	0.0000e+00	0.0000e+00	4.7764e+01	-7.7682e+00	2.4377e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	5.0981e+01	-1.4744e+01	1.3300e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	5.9714e+01	-1.1710e+01	-1.1547e+00
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	5.6314e+01	-3.8648e+00	-1.0815e-01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	4.6908e+01	-1.9155e+00	1.1143e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	4.8138e+01	-5.6177e+00	2.3582e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	5.7336e+01	-6.3694e+00	1.1358e+00
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	5.6093e+01	-3.0737e+00	-1.2615e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	4.7129e+01	-1.0041e+00	-1.3358e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	4.7062e+01	-1.0876e+00	5.6090e-01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	5.6023e+01	-3.1365e+00	6.3521e-01
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	5.7610e+01	-6.1488e+00	-1.8087e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	4.8431e+01	-5.3348e+00	-3.1831e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	4.7063e+01	-1.8030e+00	-1.8998e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	5.6446e+01	-3.7756e+00	-5.2538e-01
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	6.0200e+01	-1.1309e+01	3.8600e-01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	5.1514e+01	-1.4247e+01	-2.2592e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	4.8147e+01	-7.4544e+00	-3.2934e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	5.8694e+01	-8.1468e+00	-6.4812e-01
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	6.1826e+01	-1.4408e+01	6.2918e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	5.3254e+01	-2.0705e+01	4.9343e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	5.0913e+01	-1.7111e+01	3.7623e-01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	6.1667e+01	-1.3512e+01	1.7338e+00
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	6.1591e+01	-8.9132e+00	-3.3682e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	6.1132e+01	-1.1706e+01	-3.2802e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	6.1780e+01	-1.3036e+01	-6.3131e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	6.1104e+01	-9.2429e+00	-6.4011e+00
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	6.0544e+01	-6.4001e+00	-1.3238e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	5.9573e+01	-7.2489e+00	-2.6069e-02
	1581	0.0000e+00	0.0000e+00	0.0000e+00	6.1363e+01	-1.0709e+01	-1.6766e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	6.1145e+01	-7.9737e+00	-2.9743e+00
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	5.9407e+01	-3.9071e+00	-5.4406e-01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	5.8469e+01	-3.6715e+00	4.2189e-01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	5.9704e+01	-6.0402e+00	1.5147e-01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	5.9951e+01	-5.2174e+00	-8.1448e-01
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	5.9238e+01	-3.3721e+00	-3.3809e-01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	5.8592e+01	-3.0875e+00	-4.0453e-01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	5.8530e+01	-3.1385e+00	-1.4525e-01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	5.9179e+01	-3.4169e+00	-7.8807e-02
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	6.0183e+01	-5.0674e+00	3.5948e-01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	5.9972e+01	-5.8495e+00	-7.4237e-01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	5.8609e+01	-3.5885e+00	-9.8096e-01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	5.9516e+01	-3.8524e+00	1.2089e-01
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	6.1557e+01	-7.6950e+00	2.4357e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	6.1846e+01	-1.0355e+01	9.9551e-01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	5.9921e+01	-7.0224e+00	-5.9158e-01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	6.0829e+01	-6.2358e+00	8.4865e-01
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	6.1719e+01	-8.7891e+00	5.7319e+00

	1340	0.0000e+00	0.0000e+00	0.0000e+00	6.2479e+01	-1.2472e+01	5.4956e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	6.1700e+01	-1.1306e+01	2.5588e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	6.2061e+01	-8.6114e+00	2.7952e+00
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	5.4931e+01	-6.1080e+00	-3.3711e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	5.9710e+01	-8.0389e+00	-3.7385e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	5.9568e+01	-8.4973e+00	-5.5746e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	5.4396e+01	-6.4412e+00	-5.2072e+00
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	5.4683e+01	-4.4322e+00	-1.9760e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	5.9070e+01	-5.7822e+00	-1.4297e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	5.9800e+01	-7.6077e+00	-2.9900e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	5.4959e+01	-5.5695e+00	-3.5364e+00
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	5.4256e+01	-2.8656e+00	-7.5692e-01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	5.8414e+01	-3.7322e+00	-2.5265e-01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	5.9093e+01	-5.1712e+00	-1.3273e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	5.4505e+01	-3.7042e+00	-1.8316e+00
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	5.4217e+01	-2.5233e+00	2.9121e-01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	5.8487e+01	-3.4279e+00	2.3883e-01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	5.8435e+01	-3.4579e+00	-5.9462e-01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	5.4172e+01	-2.5527e+00	-5.4224e-01
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	5.4681e+01	-3.6130e+00	1.5519e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	5.9312e+01	-5.0513e+00	9.3890e-01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	5.8527e+01	-3.6786e+00	-1.1136e-01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	5.4337e+01	-2.8364e+00	5.0167e-01
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	5.5278e+01	-5.4001e+00	3.1889e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	6.0198e+01	-7.3746e+00	2.5243e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	5.9355e+01	-5.6362e+00	1.0168e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	5.4897e+01	-4.3373e+00	1.6815e+00
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	5.4877e+01	-6.1452e+00	4.7445e+00
	1329	0.0000e+00	0.0000e+00	0.0000e+00	6.0152e+01	-8.1067e+00	4.9867e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	6.0180e+01	-7.7703e+00	3.2346e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	5.5295e+01	-5.9275e+00	2.9924e+00
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	4.5237e+01	-4.9145e+00	-3.1753e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	5.2302e+01	-6.0800e+00	-3.5815e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	5.1881e+01	-6.4636e+00	-4.4039e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	4.4909e+01	-5.8433e+00	-3.9977e+00
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	4.5556e+01	-2.7988e+00	-2.1408e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	5.2030e+01	-4.1994e+00	-2.0032e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	5.2202e+01	-5.5839e+00	-3.4036e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	4.5637e+01	-3.9435e+00	-3.5413e+00
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	4.5780e+01	-1.4526e+00	-7.0697e-01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	5.1748e+01	-2.7391e+00	-6.1225e-01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	5.2030e+01	-3.7725e+00	-1.9960e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	4.5673e+01	-2.0543e+00	-2.0907e+00
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	4.5830e+01	-1.1914e+00	5.6421e-01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	5.1825e+01	-2.5665e+00	5.2871e-01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	5.1787e+01	-2.5804e+00	-7.3587e-01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	4.5802e+01	-1.2096e+00	-7.0036e-01
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	4.5784e+01	-2.0017e+00	1.9387e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	5.2190e+01	-3.7085e+00	1.7681e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	5.1828e+01	-2.7063e+00	3.9822e-01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	4.5831e+01	-1.4385e+00	5.6879e-01
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	4.5857e+01	-3.8560e+00	3.3475e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	5.2499e+01	-5.4550e+00	3.1169e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	5.2239e+01	-4.1172e+00	1.7534e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	4.5692e+01	-2.7552e+00	1.9840e+00
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	4.5250e+01	-5.6876e+00	3.7005e+00
	1318	0.0000e+00	0.0000e+00	0.0000e+00	5.2334e+01	-6.2265e+00	4.0060e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	5.2662e+01	-5.9305e+00	3.2601e+00
	1558	0.0000e+00	0.0000e+00	0.0000e+00	4.5484e+01	-4.8497e+00	2.9546e+00
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	3.4647e+01	-2.8433e+00	-2.7711e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	4.2310e+01	-5.3045e+00	-2.9611e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	4.2785e+01	-6.4116e+00	-3.3030e+00
	20	0.0000e+00	0.0000e+00	0.0000e+00	3.3822e+01	-8.1303e+00	-3.1130e+00

1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	3.7056e+01	-1.2088e+00	-1.0487e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	4.2453e+01	-2.4010e+00	-1.9368e+00
	1563	0.0000e+00	0.0000e+00	0.0000e+00	4.2312e+01	-4.3392e+00	-3.3188e+00
	1077	0.0000e+00	0.0000e+00	0.0000e+00	3.5560e+01	-2.5304e+00	-2.4307e+00
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	3.8052e+01	-2.8787e-01	-2.4863e-01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	4.3028e+01	-1.2745e+00	-6.8474e-01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	4.2803e+01	-2.2362e+00	-1.7880e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	3.7473e+01	-8.2721e-01	-1.3519e+00
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	3.8193e+01	-1.5002e-01	4.6416e-01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	4.3184e+01	-1.2325e+00	4.4307e-01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	4.3162e+01	-1.2377e+00	-5.5330e-01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	3.8176e+01	-1.5668e-01	-5.3221e-01
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	3.7536e+01	-8.0369e-01	1.2731e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	4.2894e+01	-2.2060e+00	1.6663e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	4.3073e+01	-1.2532e+00	5.7128e-01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	3.8082e+01	-2.7780e-01	1.7806e-01
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	3.5664e+01	-2.4960e+00	2.3292e+00
	1558	0.0000e+00	0.0000e+00	0.0000e+00	4.2485e+01	-4.2918e+00	3.1709e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	4.2569e+01	-2.3522e+00	1.8040e+00
	1073	0.0000e+00	0.0000e+00	0.0000e+00	3.7131e+01	-1.1801e+00	9.6239e-01
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	3.3938e+01	-8.2297e+00	2.9370e+00
	1307	0.0000e+00	0.0000e+00	0.0000e+00	4.3144e+01	-6.3169e+00	3.0445e+00
	1558	0.0000e+00	0.0000e+00	0.0000e+00	4.2530e+01	-5.2708e+00	2.7746e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	3.4749e+01	-2.7721e+00	2.6671e+00
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	-9.2515e+00	-2.9097e+01	-6.3332e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-4.0571e+01	2.9409e+01	-9.5762e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	-8.6893e+01	-8.9600e+01	-3.7514e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	3.1097e+01	-4.3742e+01	-5.0836e-01
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	-1.2459e+00	-6.8690e+00	-5.0589e-01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	-2.9403e+01	2.2792e+01	-3.6177e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-3.8904e+01	-4.8131e+01	-3.5117e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	2.5230e+00	-1.8700e+01	-3.9987e-01
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	4.1258e+00	-1.5162e-02	3.3545e-02
	1555	0.0000e+00	0.0000e+00	0.0000e+00	-2.4701e+01	1.4922e+01	-1.1734e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	-2.8932e+01	-1.9261e+01	-1.0132e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	6.1334e+00	-4.6717e+00	1.9377e-01
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	6.3960e+00	7.1872e-01	4.1894e-01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-2.4678e+01	6.6339e-01	4.6038e-01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	-2.4573e+01	1.6033e+00	7.9919e-01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	6.3676e+00	8.1225e-01	7.5775e-01
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	5.9618e+00	-5.0911e+00	1.0400e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-2.9247e+01	-2.0577e+01	2.3223e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-2.4815e+01	1.5488e+01	2.4381e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	3.8921e+00	-2.4968e-01	1.1557e+00
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	2.1777e+00	-1.9438e+01	1.7652e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-3.9394e+01	-4.9825e+01	4.9263e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-2.9720e+01	2.2979e+01	4.9406e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	-1.6730e+00	-7.4403e+00	1.7795e+00
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	3.0422e+01	-4.4778e+01	2.0893e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	-8.7289e+01	-9.1630e+01	5.3391e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-4.1039e+01	2.9160e+01	1.0992e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	-9.8420e+00	-2.9967e+01	7.7422e+00
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.7412e+01	-2.1420e+01	1.2895e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	1.6363e+01	-2.7657e+01	3.9728e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	2.0612e+01	-3.4661e+01	-3.2722e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.8105e+01	-2.5166e+01	-5.9555e+00
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.2234e+01	-8.1968e+00	2.8664e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	1.8172e+01	-9.3915e+00	4.3639e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	2.0054e+01	-1.1405e+01	6.0853e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.3111e+01	-1.6338e+01	4.5879e+00
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.0393e+01	-1.8403e+00	1.2956e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.9786e+01	-6.4141e-02	1.4800e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	1.9429e+01	-1.0239e+00	4.7006e+00

	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.1090e+01	-6.2413e+00	4.5163e+00
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.0068e+01	-1.3414e+00	-1.2810e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	2.0131e+01	2.3645e+00	-1.2053e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	2.0190e+01	2.4123e+00	2.1844e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.0148e+01	-1.2423e+00	2.1088e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.0798e+01	-6.5901e+00	-3.6279e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.9150e+01	-1.3791e+00	-3.6599e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.9623e+01	-3.1927e-01	-4.9033e-01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.0267e+01	-1.9907e+00	-4.5834e-01
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.2598e+01	-1.6940e+01	-3.5720e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.9545e+01	-1.2073e+01	-4.9090e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.7788e+01	-9.9456e+00	-3.2880e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.1892e+01	-8.5986e+00	-1.9510e+00
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.7334e+01	-2.6052e+01	7.1322e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	1.9880e+01	-3.5623e+01	4.6205e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.5757e+01	-2.8494e+01	-2.7460e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.6830e+01	-2.2069e+01	-2.3421e-01
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	6.1667e+01	-1.3494e+01	-1.7455e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	5.0919e+01	-1.7090e+01	-3.8662e-01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	5.3261e+01	-2.0684e+01	-4.9409e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	6.1829e+01	-1.4391e+01	-6.2998e+00
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	5.8697e+01	-8.1335e+00	6.3555e-01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.8154e+01	-7.4417e+00	3.2792e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	5.1520e+01	-1.4228e+01	2.2459e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	6.0201e+01	-1.1292e+01	-3.9775e-01
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	5.6452e+01	-3.7731e+00	5.1537e-01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.7072e+01	-1.8029e+00	1.8868e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.8437e+01	-5.3255e+00	3.1683e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	5.7613e+01	-6.1381e+00	1.7969e+00
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	5.6035e+01	-3.1479e+00	-6.4068e-01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.7074e+01	-1.1027e+00	-5.7012e-01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.7138e+01	-1.0087e+00	1.3233e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	5.6101e+01	-3.0749e+00	1.2527e+00
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	5.7352e+01	-6.3945e+00	-1.1353e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.8152e+01	-5.6484e+00	-2.3612e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.6919e+01	-1.9353e+00	-1.1219e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	5.6327e+01	-3.8803e+00	1.0402e-01
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	5.9731e+01	-1.1745e+01	1.1623e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	5.0997e+01	-1.4786e+01	-1.3234e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.7778e+01	-7.8023e+00	-2.4373e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	5.8371e+01	-8.4251e+00	4.8450e-02
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	6.1118e+01	-1.5072e+01	7.2193e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	5.2502e+01	-2.1512e+01	6.0275e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	5.0300e+01	-1.7689e+01	1.3559e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	6.1125e+01	-1.3985e+01	2.5477e+00
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	6.2056e+01	-8.5948e+00	-2.8080e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	6.1700e+01	-1.1289e+01	-2.5697e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	6.2479e+01	-1.2457e+01	-5.5051e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	6.1716e+01	-8.7780e+00	-5.7434e+00
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	6.0826e+01	-6.2197e+00	-8.5808e-01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	5.9922e+01	-7.0088e+00	5.8043e-01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	6.1845e+01	-1.0338e+01	-1.0083e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	6.1553e+01	-7.6776e+00	-2.4468e+00
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	5.9519e+01	-3.8452e+00	-1.2513e-01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	5.8614e+01	-3.5844e+00	9.7229e-01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	5.9973e+01	-5.8387e+00	7.3066e-01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	6.0181e+01	-5.0533e+00	-3.6676e-01
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	5.9188e+01	-3.4229e+00	7.9469e-02
	1536	0.0000e+00	0.0000e+00	0.0000e+00	5.8540e+01	-3.1478e+00	1.4068e-01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	5.8598e+01	-3.0880e+00	3.9657e-01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	5.9242e+01	-3.3687e+00	3.3536e-01
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	5.9966e+01	-5.2373e+00	8.1913e-01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	5.9719e+01	-6.0631e+00	-1.5124e-01

	1536	0.0000e+00	0.0000e+00	0.0000e+00	5.8480e+01	-3.6858e+00	-4.2483e-01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	5.9417e+01	-3.9175e+00	5.4555e-01
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	6.1162e+01	-8.0037e+00	2.9812e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	6.1379e+01	-1.0741e+01	1.6820e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	5.9588e+01	-7.2757e+00	2.8891e-02
	1529	0.0000e+00	0.0000e+00	0.0000e+00	6.0559e+01	-6.4236e+00	1.3281e+00
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	6.1116e+01	-9.2728e+00	6.4093e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	6.1793e+01	-1.3069e+01	6.3250e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	6.1147e+01	-1.1740e+01	3.2891e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	6.1607e+01	-8.9443e+00	3.3734e+00
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	5.5282e+01	-5.9057e+00	-3.0074e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	6.0174e+01	-7.7538e+00	-3.2459e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	6.0146e+01	-8.0961e+00	-5.0000e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	5.4870e+01	-6.1353e+00	-4.7615e+00
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	5.4889e+01	-4.3148e+00	-1.6852e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	5.9349e+01	-5.6183e+00	-1.0238e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	6.0190e+01	-7.3566e+00	-2.5368e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	5.5266e+01	-5.3747e+00	-3.1982e+00
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	5.4337e+01	-2.8240e+00	-4.9794e-01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	5.8527e+01	-3.6695e+00	1.0898e-01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	5.9308e+01	-5.0363e+00	-9.4552e-01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	5.4674e+01	-3.5920e+00	-1.5524e+00
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	5.4179e+01	-2.5543e+00	5.4979e-01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	5.8443e+01	-3.4625e+00	5.9649e-01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	5.8489e+01	-3.4233e+00	-2.3991e-01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	5.4219e+01	-2.5154e+00	-2.8661e-01
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	5.4518e+01	-3.7219e+00	1.8414e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	5.9106e+01	-5.1902e+00	1.3322e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	5.8422e+01	-3.7417e+00	2.5583e-01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	5.4264e+01	-2.8726e+00	7.6502e-01
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	5.4976e+01	-5.6030e+00	3.5445e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	5.9816e+01	-7.6372e+00	2.9949e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	5.9085e+01	-5.8058e+00	1.4358e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	5.4695e+01	-4.4545e+00	1.9854e+00
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	5.4406e+01	-6.4735e+00	5.2064e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	5.9582e+01	-8.5272e+00	5.5782e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	5.9727e+01	-8.0704e+00	3.7453e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	5.4946e+01	-6.1439e+00	3.3735e+00
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	4.5461e+01	-4.8007e+00	-2.9704e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	5.2645e+01	-5.9048e+00	-3.2696e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	5.2317e+01	-6.2154e+00	-4.0266e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	4.5237e+01	-5.6756e+00	-3.7274e+00
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	4.5690e+01	-2.7223e+00	-1.9723e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	5.2226e+01	-4.0889e+00	-1.7534e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	5.2484e+01	-5.4284e+00	-3.1273e+00
	1521	0.0000e+00	0.0000e+00	0.0000e+00	4.5836e+01	-3.8117e+00	-3.3462e+00
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	4.5836e+01	-1.4233e+00	-5.5692e-01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	5.1827e+01	-2.6923e+00	-3.9358e-01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	5.2182e+01	-3.6863e+00	-1.7650e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	4.5783e+01	-1.9772e+00	-1.9284e+00
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	4.5810e+01	-1.2086e+00	7.1206e-01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	5.1793e+01	-2.5817e+00	7.4376e-01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	5.1826e+01	-2.5568e+00	-5.2178e-01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	4.5836e+01	-1.1819e+00	-5.5347e-01
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	4.5680e+01	-2.0684e+00	2.1039e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	5.2042e+01	-3.7905e+00	2.0070e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	5.1755e+01	-2.7444e+00	6.2133e-01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	4.5788e+01	-1.4576e+00	7.1827e-01
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	4.5653e+01	-3.9796e+00	3.5554e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	5.2216e+01	-5.6184e+00	3.4122e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	5.2043e+01	-4.2224e+00	2.0136e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	4.5562e+01	-2.8242e+00	2.1567e+00
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	4.4907e+01	-5.8858e+00	3.9830e+00



	1172	0.0000e+00	0.0000e+00	0.0000e+00	5.1898e+01	-6.5003e+00	4.3967e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	5.2323e+01	-6.1213e+00	3.5900e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	4.5245e+01	-4.9840e+00	3.1762e+00
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	3.4787e+01	-2.7239e+00	-2.6219e+00
	1521	0.0000e+00	0.0000e+00	0.0000e+00	4.2490e+01	-5.1919e+00	-2.7750e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	4.3101e+01	-6.2988e+00	-3.1091e+00
	15	0.0000e+00	0.0000e+00	0.0000e+00	3.3894e+01	-8.0415e+00	-2.9559e+00
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	3.7151e+01	-1.1529e+00	-9.4505e-01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	4.2573e+01	-2.3194e+00	-1.7935e+00
	1521	0.0000e+00	0.0000e+00	0.0000e+00	4.2470e+01	-4.2419e+00	-3.1557e+00
	1011	0.0000e+00	0.0000e+00	0.0000e+00	3.5692e+01	-2.4504e+00	-2.3073e+00
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	3.8102e+01	-2.6634e-01	-1.6438e-01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	4.3083e+01	-1.2396e+00	-5.6039e-01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	4.2900e+01	-2.1790e+00	-1.6521e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	3.7556e+01	-7.8162e-01	-1.2561e+00
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	3.8197e+01	-1.5996e-01	5.4198e-01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	4.3172e+01	-1.2380e+00	5.6257e-01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	4.3193e+01	-1.2213e+00	-4.3093e-01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	3.8213e+01	-1.4199e-01	-4.5152e-01
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	3.7487e+01	-8.4794e-01	1.3563e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	4.2808e+01	-2.2528e+00	1.7963e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	4.3036e+01	-1.2765e+00	6.9603e-01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	3.8070e+01	-2.9226e-01	2.5598e-01
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	3.5562e+01	-2.5817e+00	2.4280e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	4.2297e+01	-4.3867e+00	3.3284e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	4.2452e+01	-2.4160e+00	1.9496e+00
	1007	0.0000e+00	0.0000e+00	0.0000e+00	3.7065e+01	-1.2269e+00	1.0491e+00
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	3.3685e+01	-8.3732e+00	3.0528e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	4.2849e+01	-6.4785e+00	3.2598e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	4.2297e+01	-5.3871e+00	2.9613e+00
	1006	0.0000e+00	0.0000e+00	0.0000e+00	3.4618e+01	-2.8442e+00	2.7543e+00
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	-4.4354e+00	-5.3023e-01	-1.0516e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-1.2718e+01	4.6355e+01	-7.2620e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	-5.2715e+01	-3.8621e+01	1.3455e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	4.1557e+01	-1.0427e+01	-1.9089e+00
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	2.1695e+00	2.1591e+01	-4.3741e+00
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-1.0405e+01	4.5611e+01	-5.3169e+00
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-1.3481e+01	-1.0396e+01	-4.4695e+00
	1505	0.0000e+00	0.0000e+00	0.0000e+00	3.5090e+00	1.1784e+01	-3.5267e+00
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	6.9989e+00	2.8700e+01	-4.7161e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-8.2760e+00	4.4417e+01	-5.3189e+00
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-1.1176e+01	1.0174e+01	-4.8980e+00
	1504	0.0000e+00	0.0000e+00	0.0000e+00	8.7886e+00	2.4977e+01	-4.2952e+00
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	1.0032e+01	3.1532e+01	-5.1409e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-6.7411e+00	3.8470e+01	-5.9083e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-8.3173e+00	2.5638e+01	-4.9918e+00
	1503	0.0000e+00	0.0000e+00	0.0000e+00	1.0195e+01	3.0586e+01	-4.2244e+00
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	1.1854e+01	3.0250e+01	-6.2279e+00
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-6.6373e+00	2.8393e+01	-6.8538e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-6.4531e+00	3.6383e+01	-5.5623e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	1.0517e+01	3.1722e+01	-4.9364e+00
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	1.2420e+01	2.4996e+01	-7.5924e+00
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-8.6070e+00	1.4014e+01	-7.8061e+00
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-6.2340e+00	4.2916e+01	-6.4115e+00
	1501	0.0000e+00	0.0000e+00	0.0000e+00	9.6532e+00	2.8906e+01	-6.1978e+00
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	1.1577e+01	1.5679e+01	-8.7508e+00
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-1.3226e+01	-5.2044e+00	-8.3066e+00
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-8.2472e+00	4.5688e+01	-7.1314e+00
	1500	0.0000e+00	0.0000e+00	0.0000e+00	7.4168e+00	2.2252e+01	-7.5756e+00
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	9.0817e+00	1.8766e+00	-9.1688e+00
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-2.1186e+01	-3.0144e+01	-7.7862e+00
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-1.3054e+01	4.5023e+01	-7.1773e+00
	1499	0.0000e+00	0.0000e+00	0.0000e+00	3.4966e+00	1.1680e+01	-8.5600e+00

1110 1497 0.0000e+00 0.0000e+00 0.0000e+00 4.2399e+00 -1.8541e+01 -8.9024e+00  
1507 0.0000e+00 0.0000e+00 0.0000e+00 -3.3843e+01 -6.2046e+01 -5.9187e+00  
1508 0.0000e+00 0.0000e+00 0.0000e+00 -2.1363e+01 4.0948e+01 -5.7464e+00  
1498 0.0000e+00 0.0000e+00 0.0000e+00 -2.7435e+00 -2.9304e+00 -8.7301e+00

1111 1437 0.0000e+00 0.0000e+00 0.0000e+00 3.2070e+01 -4.7761e+01 -8.0395e+00  
32 0.0000e+00 0.0000e+00 0.0000e+00 -8.2405e+01 -1.0555e+02 -5.5908e+00  
1507 0.0000e+00 0.0000e+00 0.0000e+00 -3.5144e+01 3.7943e+01 -4.3337e-01  
1497 0.0000e+00 0.0000e+00 0.0000e+00 -1.0679e+01 -3.1046e+01 -2.8820e+00

1112 1495 0.0000e+00 0.0000e+00 0.0000e+00 1.7470e+01 -9.0053e-02 -6.9962e-01  
1505 0.0000e+00 0.0000e+00 0.0000e+00 8.9986e+00 9.0882e+00 -2.3437e+00  
1506 0.0000e+00 0.0000e+00 0.0000e+00 -2.1391e+01 -1.6150e+01 -4.1716e-01  
1496 0.0000e+00 0.0000e+00 0.0000e+00 4.4831e+01 -1.1155e+01 1.2270e+00

1113 1494 0.0000e+00 0.0000e+00 0.0000e+00 2.2404e+01 2.1205e+01 2.3327e+00  
1504 0.0000e+00 0.0000e+00 0.0000e+00 1.1840e+01 1.9936e+01 3.5470e-01  
1505 0.0000e+00 0.0000e+00 0.0000e+00 1.3648e+01 1.4443e+01 1.9743e+00  
1495 0.0000e+00 0.0000e+00 0.0000e+00 1.6952e+01 9.6566e+00 3.9524e+00

1114 1493 0.0000e+00 0.0000e+00 0.0000e+00 2.5184e+01 2.7540e+01 -2.3338e-01  
1503 0.0000e+00 0.0000e+00 0.0000e+00 1.5546e+01 2.8797e+01 -2.2298e+00  
1504 0.0000e+00 0.0000e+00 0.0000e+00 1.3542e+01 2.6344e+01 1.0291e-02  
1494 0.0000e+00 0.0000e+00 0.0000e+00 2.3509e+01 2.2737e+01 2.0068e+00

1115 1492 0.0000e+00 0.0000e+00 0.0000e+00 2.7450e+01 2.9316e+01 -3.0158e+00  
1502 0.0000e+00 0.0000e+00 0.0000e+00 1.7847e+01 3.1833e+01 -4.5022e+00  
1503 0.0000e+00 0.0000e+00 0.0000e+00 1.6753e+01 3.1348e+01 -1.9298e+00  
1493 0.0000e+00 0.0000e+00 0.0000e+00 2.5805e+01 2.8279e+01 -4.4340e-01

1116 1491 0.0000e+00 0.0000e+00 0.0000e+00 2.8995e+01 2.7152e+01 -6.4069e+00  
1501 0.0000e+00 0.0000e+00 0.0000e+00 1.9119e+01 3.1027e+01 -7.4251e+00  
1502 0.0000e+00 0.0000e+00 0.0000e+00 1.8406e+01 3.1708e+01 -4.4424e+00  
1492 0.0000e+00 0.0000e+00 0.0000e+00 2.7832e+01 2.9106e+01 -3.4242e+00

1117 1490 0.0000e+00 0.0000e+00 0.0000e+00 3.0166e+01 2.1516e+01 -1.0028e+01  
1500 0.0000e+00 0.0000e+00 0.0000e+00 1.9380e+01 2.6571e+01 -1.0685e+01  
1501 0.0000e+00 0.0000e+00 0.0000e+00 1.9038e+01 2.8105e+01 -7.4781e+00  
1491 0.0000e+00 0.0000e+00 0.0000e+00 2.9297e+01 2.6196e+01 -6.8209e+00

1118 1489 0.0000e+00 0.0000e+00 0.0000e+00 3.1313e+01 1.2438e+01 -1.3428e+01  
1499 0.0000e+00 0.0000e+00 0.0000e+00 1.8673e+01 1.8483e+01 -1.3864e+01  
1500 0.0000e+00 0.0000e+00 0.0000e+00 1.8652e+01 2.0673e+01 -1.0706e+01  
1490 0.0000e+00 0.0000e+00 0.0000e+00 3.0531e+01 1.9860e+01 -1.0269e+01

1119 1488 0.0000e+00 0.0000e+00 0.0000e+00 3.3202e+01 -1.6161e-01 -1.5889e+01  
1498 0.0000e+00 0.0000e+00 0.0000e+00 1.7086e+01 6.5568e+00 -1.6452e+01  
1499 0.0000e+00 0.0000e+00 0.0000e+00 1.7300e+01 9.2492e+00 -1.3711e+01  
1489 0.0000e+00 0.0000e+00 0.0000e+00 3.1951e+01 1.0015e+01 -1.3148e+01

1120 1487 0.0000e+00 0.0000e+00 0.0000e+00 3.6114e+01 -1.5834e+01 -1.5374e+01  
1497 0.0000e+00 0.0000e+00 0.0000e+00 1.7362e+01 -1.0301e+01 -1.7335e+01  
1498 0.0000e+00 0.0000e+00 0.0000e+00 1.5115e+01 -7.1061e+00 -1.6426e+01  
1488 0.0000e+00 0.0000e+00 0.0000e+00 3.4749e+01 -3.5462e+00 -1.4466e+01

1121 1426 0.0000e+00 0.0000e+00 0.0000e+00 4.1926e+01 -2.8303e+01 -3.7779e+00  
1437 0.0000e+00 0.0000e+00 0.0000e+00 1.7668e+01 -3.7933e+01 -6.8226e+00  
1497 0.0000e+00 0.0000e+00 0.0000e+00 1.3195e+01 -3.0401e+01 -1.5171e+01  
1487 0.0000e+00 0.0000e+00 0.0000e+00 4.0790e+01 -2.1904e+01 -1.2126e+01

1122 1485 0.0000e+00 0.0000e+00 0.0000e+00 2.7534e+01 1.6957e+00 3.0520e+00  
1495 0.0000e+00 0.0000e+00 0.0000e+00 2.3132e+01 7.8493e+00 1.6050e+00  
1496 0.0000e+00 0.0000e+00 0.0000e+00 1.8229e+00 -1.4164e+01 1.8846e+00  
1486 0.0000e+00 0.0000e+00 0.0000e+00 4.6177e+01 -8.6174e+00 3.3316e+00

1123 1484 0.0000e+00 0.0000e+00 0.0000e+00 3.0541e+01 1.8849e+01 4.8905e+00  
1494 0.0000e+00 0.0000e+00 0.0000e+00 2.5275e+01 1.9983e+01 4.0028e+00  
1495 0.0000e+00 0.0000e+00 0.0000e+00 2.6875e+01 1.0616e+01 5.1490e+00  
1485 0.0000e+00 0.0000e+00 0.0000e+00 2.7306e+01 9.2606e+00 6.0367e+00

1124 1483 0.0000e+00 0.0000e+00 0.0000e+00 3.2359e+01 2.4553e+01 2.2783e+00  
1493 0.0000e+00 0.0000e+00 0.0000e+00 2.8414e+01 2.7160e+01 8.4671e-01  
1494 0.0000e+00 0.0000e+00 0.0000e+00 2.6656e+01 2.2555e+01 3.0359e+00  
1484 0.0000e+00 0.0000e+00 0.0000e+00 3.1480e+01 2.0408e+01 4.4675e+00

1125 1482 0.0000e+00 0.0000e+00 0.0000e+00 3.4366e+01 2.5903e+01 -8.2500e-01  
1492 0.0000e+00 0.0000e+00 0.0000e+00 3.0794e+01 2.8790e+01 -2.2923e+00  
1493 0.0000e+00 0.0000e+00 0.0000e+00 2.9450e+01 2.7812e+01 2.7626e-01

	1483	0.0000e+00	0.0000e+00	0.0000e+00	3.3008e+01	2.5121e+01	1.7436e+00
1126	1481	0.0000e+00	0.0000e+00	0.0000e+00	3.6368e+01	2.3574e+01	-4.3068e+00
	1491	0.0000e+00	0.0000e+00	0.0000e+00	3.2722e+01	2.6677e+01	-5.8401e+00
	1492	0.0000e+00	0.0000e+00	0.0000e+00	3.1409e+01	2.8350e+01	-3.0652e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	3.4857e+01	2.5428e+01	-1.5319e+00
1127	1480	0.0000e+00	0.0000e+00	0.0000e+00	3.8649e+01	1.8269e+01	-7.6861e+00
	1490	0.0000e+00	0.0000e+00	0.0000e+00	3.4467e+01	2.1266e+01	-9.4705e+00
	1491	0.0000e+00	0.0000e+00	0.0000e+00	3.3027e+01	2.5257e+01	-6.7277e+00
	1481	0.0000e+00	0.0000e+00	0.0000e+00	3.6802e+01	2.2298e+01	-4.9433e+00
1128	1479	0.0000e+00	0.0000e+00	0.0000e+00	4.1558e+01	1.0335e+01	-1.0370e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	3.6405e+01	1.2686e+01	-1.2669e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	3.4533e+01	1.8884e+01	-1.0358e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	3.9195e+01	1.6218e+01	-8.0593e+00
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	4.5446e+01	3.5703e-01	-1.1343e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	3.9043e+01	9.1651e-01	-1.4468e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	3.6282e+01	9.3335e+00	-1.3348e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	4.2449e+01	7.4611e+00	-1.0223e+01
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	4.9956e+01	-9.8525e+00	-8.8511e+00
	1487	0.0000e+00	0.0000e+00	0.0000e+00	4.3281e+01	-1.3429e+01	-1.2930e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	3.8764e+01	-3.1235e+00	-1.4509e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	4.6959e+01	-3.2709e+00	-1.0430e+01
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	5.3122e+01	-1.6284e+01	-2.2064e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	4.6056e+01	-2.3392e+01	-4.7128e+00
	1487	0.0000e+00	0.0000e+00	0.0000e+00	4.2765e+01	-1.7659e+01	-1.0053e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	5.1797e+01	-1.3171e+01	-7.5470e+00
1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	3.3199e+01	3.6273e+00	5.3543e+00
	1485	0.0000e+00	0.0000e+00	0.0000e+00	3.0716e+01	6.7235e+00	4.7765e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	1.7946e+01	-9.6723e+00	3.9288e+00
	1476	0.0000e+00	0.0000e+00	0.0000e+00	4.4905e+01	-4.7353e+00	4.5066e+00
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	3.4201e+01	1.6664e+01	6.3486e+00
	1484	0.0000e+00	0.0000e+00	0.0000e+00	3.2072e+01	1.7570e+01	6.2956e+00
	1485	0.0000e+00	0.0000e+00	0.0000e+00	3.3531e+01	1.0019e+01	7.1209e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	3.2645e+01	9.1320e+00	7.1739e+00
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	3.4800e+01	2.1409e+01	3.9700e+00
	1483	0.0000e+00	0.0000e+00	0.0000e+00	3.4134e+01	2.3590e+01	3.2865e+00
	1484	0.0000e+00	0.0000e+00	0.0000e+00	3.3147e+01	2.0092e+01	5.2492e+00
	1474	0.0000e+00	0.0000e+00	0.0000e+00	3.4528e+01	1.8011e+01	5.9327e+00
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	3.5967e+01	2.2371e+01	1.0282e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	3.6043e+01	2.4819e+01	-4.6577e-02
	1483	0.0000e+00	0.0000e+00	0.0000e+00	3.4923e+01	2.4428e+01	2.2954e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	3.5108e+01	2.1790e+01	3.3703e+00
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	3.7617e+01	2.0152e+01	-2.0824e+00
	1481	0.0000e+00	0.0000e+00	0.0000e+00	3.8066e+01	2.2606e+01	-3.5876e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	3.6562e+01	2.4477e+01	-1.2141e+00
	1472	0.0000e+00	0.0000e+00	0.0000e+00	3.6349e+01	2.1777e+01	2.9107e-01
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	3.9888e+01	1.5486e+01	-4.8299e+00
	1480	0.0000e+00	0.0000e+00	0.0000e+00	4.0440e+01	1.7546e+01	-6.8729e+00
	1481	0.0000e+00	0.0000e+00	0.0000e+00	3.8439e+01	2.1272e+01	-4.7874e+00
	1471	0.0000e+00	0.0000e+00	0.0000e+00	3.8126e+01	1.8803e+01	-2.7444e+00
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	4.2895e+01	8.9360e+00	-6.6391e+00
	1479	0.0000e+00	0.0000e+00	0.0000e+00	4.3433e+01	1.0036e+01	-9.3348e+00
	1480	0.0000e+00	0.0000e+00	0.0000e+00	4.0737e+01	1.5360e+01	-7.9568e+00
	1470	0.0000e+00	0.0000e+00	0.0000e+00	4.0625e+01	1.3467e+01	-5.2611e+00
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	4.6530e+01	1.3383e+00	-6.8092e+00
	1478	0.0000e+00	0.0000e+00	0.0000e+00	4.7154e+01	6.9533e-01	-1.0094e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	4.3690e+01	7.1845e+00	-1.0012e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	4.3942e+01	6.3626e+00	-6.7268e+00
1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	5.0161e+01	-5.7040e+00	-4.7983e+00
	1477	0.0000e+00	0.0000e+00	0.0000e+00	5.0970e+01	-8.6709e+00	-8.0377e+00
	1478	0.0000e+00	0.0000e+00	0.0000e+00	4.7360e+01	-2.3117e+00	-9.8118e+00
	1468	0.0000e+00	0.0000e+00	0.0000e+00	4.7804e+01	-1.4263e+00	-6.5724e+00
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	5.2184e+01	-9.7775e+00	-1.0670e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	5.3282e+01	-1.4002e+01	-2.7803e+00

	1477	0.0000e+00	0.0000e+00	0.0000e+00	5.1116e+01	-1.0945e+01	-6.2039e+00
	1467	0.0000e+00	0.0000e+00	0.0000e+00	5.1194e+01	-7.7358e+00	-4.4906e+00
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	3.5708e+01	5.4443e+00	5.8770e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	3.4567e+01	6.6346e+00	6.1847e+00
	1476	0.0000e+00	0.0000e+00	0.0000e+00	2.8209e+01	-4.6862e+00	4.9244e+00
	1466	0.0000e+00	0.0000e+00	0.0000e+00	4.2633e+01	-7.5937e-01	4.6168e+00
1143	1464	0.0000e+00	0.0000e+00	0.0000e+00	3.4957e+01	1.4819e+01	6.2612e+00
	1474	0.0000e+00	0.0000e+00	0.0000e+00	3.4716e+01	1.5516e+01	7.1259e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	3.6331e+01	9.6981e+00	7.6565e+00
	1465	0.0000e+00	0.0000e+00	0.0000e+00	3.4935e+01	9.2429e+00	6.7918e+00
1144	1463	0.0000e+00	0.0000e+00	0.0000e+00	3.4303e+01	1.8592e+01	4.4176e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	3.5423e+01	2.0273e+01	4.6145e+00
	1474	0.0000e+00	0.0000e+00	0.0000e+00	3.5309e+01	1.7653e+01	6.1544e+00
	1464	0.0000e+00	0.0000e+00	0.0000e+00	3.4779e+01	1.5990e+01	5.9575e+00
1145	1462	0.0000e+00	0.0000e+00	0.0000e+00	3.4441e+01	1.9241e+01	2.0599e+00
	1472	0.0000e+00	0.0000e+00	0.0000e+00	3.6422e+01	2.1104e+01	1.6436e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	3.5836e+01	2.1075e+01	3.5086e+00
	1463	0.0000e+00	0.0000e+00	0.0000e+00	3.4260e+01	1.8888e+01	3.9249e+00
1146	1461	0.0000e+00	0.0000e+00	0.0000e+00	3.5295e+01	1.7282e+01	-3.6150e-01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	3.7910e+01	1.8970e+01	-1.3997e+00
	1472	0.0000e+00	0.0000e+00	0.0000e+00	3.6710e+01	2.0897e+01	4.0259e-01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	3.4584e+01	1.8672e+01	1.4407e+00
1147	1460	0.0000e+00	0.0000e+00	0.0000e+00	3.6868e+01	1.3386e+01	-2.3414e+00
	1470	0.0000e+00	0.0000e+00	0.0000e+00	3.9993e+01	1.4507e+01	-4.0008e+00
	1471	0.0000e+00	0.0000e+00	0.0000e+00	3.8164e+01	1.7965e+01	-2.5990e+00
	1461	0.0000e+00	0.0000e+00	0.0000e+00	3.5640e+01	1.6041e+01	-9.3960e-01
1148	1459	0.0000e+00	0.0000e+00	0.0000e+00	3.9097e+01	8.1374e+00	-3.4255e+00
	1469	0.0000e+00	0.0000e+00	0.0000e+00	4.2718e+01	8.2872e+00	-5.6614e+00
	1470	0.0000e+00	0.0000e+00	0.0000e+00	4.0261e+01	1.2896e+01	-4.9984e+00
	1460	0.0000e+00	0.0000e+00	0.0000e+00	3.7436e+01	1.1606e+01	-2.7624e+00
1149	1458	0.0000e+00	0.0000e+00	0.0000e+00	4.1765e+01	2.2293e+00	-3.2789e+00
	1468	0.0000e+00	0.0000e+00	0.0000e+00	4.5904e+01	1.1547e+00	-5.8770e+00
	1469	0.0000e+00	0.0000e+00	0.0000e+00	4.3028e+01	6.2975e+00	-6.2313e+00
	1459	0.0000e+00	0.0000e+00	0.0000e+00	3.9856e+01	5.9922e+00	-3.6332e+00
1150	1457	0.0000e+00	0.0000e+00	0.0000e+00	4.4381e+01	-3.2532e+00	-1.9739e+00
	1467	0.0000e+00	0.0000e+00	0.0000e+00	4.8846e+01	-5.3317e+00	-4.3690e+00
	1468	0.0000e+00	0.0000e+00	0.0000e+00	4.6251e+01	-8.4270e-01	-5.7454e+00
	1458	0.0000e+00	0.0000e+00	0.0000e+00	4.2564e+01	6.7469e-02	-3.3503e+00
1151	1393	0.0000e+00	0.0000e+00	0.0000e+00	4.5748e+01	-6.5546e+00	-2.3019e-01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	5.0625e+01	-8.8888e+00	-1.4711e+00
	1467	0.0000e+00	0.0000e+00	0.0000e+00	4.9168e+01	-6.7738e+00	-3.4478e+00
	1457	0.0000e+00	0.0000e+00	0.0000e+00	4.4918e+01	-4.8157e+00	-2.2069e+00
1152	1455	0.0000e+00	0.0000e+00	0.0000e+00	3.6182e+01	6.6229e+00	4.7634e+00
	1465	0.0000e+00	0.0000e+00	0.0000e+00	3.6063e+01	6.9367e+00	5.8778e+00
	1466	0.0000e+00	0.0000e+00	0.0000e+00	3.4118e+01	-2.2782e-01	4.8536e+00
	1456	0.0000e+00	0.0000e+00	0.0000e+00	4.0180e+01	2.3100e+00	3.7392e+00
1153	1454	0.0000e+00	0.0000e+00	0.0000e+00	3.4097e+01	1.3483e+01	4.7578e+00
	1464	0.0000e+00	0.0000e+00	0.0000e+00	3.4906e+01	1.3921e+01	6.4506e+00
	1465	0.0000e+00	0.0000e+00	0.0000e+00	3.6756e+01	9.6418e+00	6.7049e+00
	1455	0.0000e+00	0.0000e+00	0.0000e+00	3.5365e+01	9.5277e+00	5.0122e+00
1154	1453	0.0000e+00	0.0000e+00	0.0000e+00	3.2530e+01	1.6457e+01	3.7025e+00
	1463	0.0000e+00	0.0000e+00	0.0000e+00	3.4243e+01	1.7576e+01	4.6650e+00
	1464	0.0000e+00	0.0000e+00	0.0000e+00	3.4974e+01	1.5688e+01	5.6487e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	3.3572e+01	1.4670e+01	4.6863e+00
1155	1452	0.0000e+00	0.0000e+00	0.0000e+00	3.1733e+01	1.6820e+01	2.0972e+00
	1462	0.0000e+00	0.0000e+00	0.0000e+00	3.4211e+01	1.8082e+01	2.3763e+00
	1463	0.0000e+00	0.0000e+00	0.0000e+00	3.4282e+01	1.8292e+01	3.6735e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	3.2175e+01	1.6737e+01	3.3944e+00
1156	1451	0.0000e+00	0.0000e+00	0.0000e+00	3.1677e+01	1.5112e+01	4.3318e-01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	3.4832e+01	1.6159e+01	5.9518e-02
	1462	0.0000e+00	0.0000e+00	0.0000e+00	3.4222e+01	1.7981e+01	1.2915e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	3.1599e+01	1.6354e+01	1.6652e+00
1157	1450	0.0000e+00	0.0000e+00	0.0000e+00	3.2284e+01	1.1909e+01	-8.5582e-01

	1460	0.0000e+00	0.0000e+00	0.0000e+00	3.6085e+01	1.2412e+01	-1.8057e+00
	1461	0.0000e+00	0.0000e+00	0.0000e+00	3.4867e+01	1.5441e+01	-9.4922e-01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	3.1752e+01	1.4083e+01	6.1190e-04
1158	1449	0.0000e+00	0.0000e+00	0.0000e+00	3.3382e+01	7.7292e+00	-1.4301e+00
	1459	0.0000e+00	0.0000e+00	0.0000e+00	3.7879e+01	7.4039e+00	-2.8176e+00
	1460	0.0000e+00	0.0000e+00	0.0000e+00	3.6163e+01	1.1263e+01	-2.5974e+00
	1450	0.0000e+00	0.0000e+00	0.0000e+00	3.2542e+01	1.0460e+01	-1.2098e+00
1159	1448	0.0000e+00	0.0000e+00	0.0000e+00	3.4731e+01	3.0500e+00	-1.0858e+00
	1458	0.0000e+00	0.0000e+00	0.0000e+00	4.0016e+01	1.8062e+00	-2.7045e+00
	1459	0.0000e+00	0.0000e+00	0.0000e+00	3.8014e+01	6.0092e+00	-3.2698e+00
	1449	0.0000e+00	0.0000e+00	0.0000e+00	3.3751e+01	5.9928e+00	-1.6511e+00
1160	1447	0.0000e+00	0.0000e+00	0.0000e+00	3.6303e+01	-1.7864e+00	-6.0099e-02
	1457	0.0000e+00	0.0000e+00	0.0000e+00	4.2033e+01	-3.3758e+00	-1.6839e+00
	1458	0.0000e+00	0.0000e+00	0.0000e+00	4.0282e+01	3.4345e-01	-2.7687e+00
	1448	0.0000e+00	0.0000e+00	0.0000e+00	3.5062e+01	1.1095e+00	-1.1448e+00
1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	3.7127e+01	-5.7188e+00	3.6652e-01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	4.3494e+01	-6.5369e+00	-6.0171e-01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	4.2490e+01	-4.6575e+00	-1.4181e+00
	1447	0.0000e+00	0.0000e+00	0.0000e+00	3.6348e+01	-3.7030e+00	-4.4982e-01
1162	782	0.0000e+00	0.0000e+00	0.0000e+00	3.4614e+01	9.0383e+00	1.8231e+00
	1455	0.0000e+00	0.0000e+00	0.0000e+00	3.5927e+01	6.8831e+00	4.2994e+00
	1456	0.0000e+00	0.0000e+00	0.0000e+00	3.7437e+01	2.8115e+00	4.1232e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	3.7665e+01	1.0390e+00	1.6469e+00
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	3.2927e+01	1.3108e+01	2.7845e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	3.3530e+01	1.3129e+01	4.5858e+00
	1455	0.0000e+00	0.0000e+00	0.0000e+00	3.5747e+01	9.6397e+00	4.3934e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	3.4028e+01	1.0078e+01	2.5920e+00
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	3.0884e+01	1.5138e+01	2.1683e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	3.2160e+01	1.5779e+01	3.5760e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	3.3366e+01	1.4431e+01	4.1104e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	3.2272e+01	1.3911e+01	2.7026e+00
1165	779	0.0000e+00	0.0000e+00	0.0000e+00	2.9401e+01	1.5203e+01	1.2298e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	3.1286e+01	1.5949e+01	2.0783e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	3.1920e+01	1.6319e+01	2.8748e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	3.0331e+01	1.5336e+01	2.0263e+00
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	2.8578e+01	1.3638e+01	2.6085e-01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	3.1023e+01	1.4230e+01	5.1940e-01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	3.1046e+01	1.5887e+01	1.2776e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	2.9032e+01	1.4832e+01	1.0191e+00
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	2.8333e+01	1.0902e+01	-4.7650e-01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	3.1314e+01	1.1117e+01	-7.0893e-01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	3.0832e+01	1.3702e+01	-2.1116e-01
	778	0.0000e+00	0.0000e+00	0.0000e+00	2.8388e+01	1.2836e+01	2.1276e-02
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	2.8413e+01	7.4265e+00	-7.9193e-01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	3.1969e+01	7.0823e+00	-1.3060e+00
	1450	0.0000e+00	0.0000e+00	0.0000e+00	3.1163e+01	1.0289e+01	-1.2413e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	2.8273e+01	9.8049e+00	-7.2727e-01
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	2.8438e+01	3.5638e+00	-5.5831e-01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	3.2683e+01	2.5377e+00	-1.0616e+00
	1449	0.0000e+00	0.0000e+00	0.0000e+00	3.1811e+01	6.1383e+00	-1.5467e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	2.8382e+01	6.1657e+00	-1.0435e+00
1170	774	0.0000e+00	0.0000e+00	0.0000e+00	2.7711e+01	-6.5831e-01	2.4781e-01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	3.3417e+01	-2.3235e+00	4.0563e-02
	1448	0.0000e+00	0.0000e+00	0.0000e+00	3.2474e+01	1.5863e+00	-1.0352e+00
	775	0.0000e+00	0.0000e+00	0.0000e+00	2.8272e+01	2.2571e+00	-8.2797e-01
1171	21	0.0000e+00	0.0000e+00	0.0000e+00	2.6614e+01	-8.0921e+00	8.0307e-01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	3.5495e+01	-6.3364e+00	4.5543e-02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	3.3629e+01	-3.9273e+00	-2.7102e-01
	774	0.0000e+00	0.0000e+00	0.0000e+00	2.7084e+01	-1.4841e+00	4.8650e-01
1172	1436	0.0000e+00	0.0000e+00	0.0000e+00	-1.0007e+01	-2.8595e+01	-3.0679e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-3.1056e+01	3.7431e+01	-7.2859e+00
	32	0.0000e+00	0.0000e+00	0.0000e+00	-8.2290e+01	-1.0249e+02	-1.5486e+00
	1437	0.0000e+00	0.0000e+00	0.0000e+00	3.2680e+01	-4.7789e+01	2.6694e+00

1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	7.5759e-01	-1.6700e+00	2.1869e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-1.6374e+01	4.0685e+01	-1.9121e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-3.1081e+01	-5.7334e+01	-1.4367e+00
	1436	0.0000e+00	0.0000e+00	0.0000e+00	7.1591e+00	-1.5917e+01	2.6623e+00
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	8.5442e+00	1.2429e+01	9.7439e-01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-7.3044e+00	4.3213e+01	-1.3440e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-1.6772e+01	-2.4190e+01	4.3997e-02
	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.3314e+01	3.8540e+00	2.3623e+00
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	1.3693e+01	2.1543e+01	-1.4170e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-2.3692e+00	4.1502e+01	-2.6398e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-7.7323e+00	8.8638e-01	-4.2627e-01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	1.6579e+01	1.6476e+01	7.9655e-01
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	1.6721e+01	2.5738e+01	-4.5306e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-9.3456e-01	3.5282e+01	-4.8391e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-2.7120e+00	1.9439e+01	-2.2074e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	1.7873e+01	2.3789e+01	-1.8989e+00
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	1.7793e+01	2.5058e+01	-7.7691e+00
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-2.8498e+00	2.3923e+01	-7.2043e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.1390e+00	3.2541e+01	-4.5461e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	1.7227e+01	2.6159e+01	-5.1109e+00
1178	1430	0.0000e+00	0.0000e+00	0.0000e+00	1.6911e+01	1.9264e+01	-1.0540e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-8.3343e+00	6.4873e+00	-9.0303e+00
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-2.9085e+00	4.0905e+01	-6.7425e+00
	1431	0.0000e+00	0.0000e+00	0.0000e+00	1.4545e+01	2.3611e+01	-8.2524e+00
1179	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.3938e+01	7.7572e+00	-1.2222e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.8097e+01	-1.8362e+01	-9.5388e+00
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-8.2879e+00	4.4961e+01	-8.0420e+00
	1430	0.0000e+00	0.0000e+00	0.0000e+00	9.5656e+00	1.5887e+01	-1.0725e+01
1180	1428	0.0000e+00	0.0000e+00	0.0000e+00	7.7542e+00	-1.1594e+01	-1.2693e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-3.3599e+01	-5.2517e+01	-8.0489e+00
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.8058e+01	4.4820e+01	-7.4411e+00
	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.6229e+00	2.6979e+00	-1.2085e+01
1181	1427	0.0000e+00	0.0000e+00	0.0000e+00	3.2922e+01	-4.4237e+01	-1.3089e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	-8.7450e+01	-1.0060e+02	-7.8394e+00
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-3.3953e+01	4.4052e+01	-1.8486e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	-9.9381e+00	-2.4141e+01	-7.0981e+00
1182	1425	0.0000e+00	0.0000e+00	0.0000e+00	4.1454e+01	-2.1907e+01	7.7934e+00
	1436	0.0000e+00	0.0000e+00	0.0000e+00	1.3976e+01	-2.8689e+01	1.0023e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	1.7679e+01	-3.7273e+01	2.1755e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	4.2269e+01	-2.8563e+01	-5.4014e-02
1183	1424	0.0000e+00	0.0000e+00	0.0000e+00	3.7022e+01	-2.5933e+00	9.3991e+00
	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.7898e+01	-5.5539e+00	9.8637e+00
	1436	0.0000e+00	0.0000e+00	0.0000e+00	1.9367e+01	-8.3795e+00	1.1835e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	3.6495e+01	-1.5232e+01	1.1371e+01
1184	1423	0.0000e+00	0.0000e+00	0.0000e+00	3.6083e+01	9.8449e+00	6.5554e+00
	1434	0.0000e+00	0.0000e+00	0.0000e+00	2.1705e+01	1.0143e+01	5.8642e+00
	1435	0.0000e+00	0.0000e+00	0.0000e+00	2.0617e+01	7.8108e+00	9.7621e+00
	1424	0.0000e+00	0.0000e+00	0.0000e+00	3.5771e+01	4.1375e-01	1.0453e+01
1185	1422	0.0000e+00	0.0000e+00	0.0000e+00	3.6362e+01	1.7700e+01	1.8524e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	2.4399e+01	2.0092e+01	1.1506e+00
	1434	0.0000e+00	0.0000e+00	0.0000e+00	2.3599e+01	1.8430e+01	5.7056e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	3.5741e+01	1.1831e+01	6.4074e+00
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.6862e+01	2.1113e+01	-3.7381e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	2.5842e+01	2.5194e+01	-4.1920e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	2.5445e+01	2.4311e+01	6.9199e-01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	3.6339e+01	1.8751e+01	1.1459e+00
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	3.7364e+01	2.0134e+01	-9.5716e+00
	1431	0.0000e+00	0.0000e+00	0.0000e+00	2.5984e+01	2.5636e+01	-9.7137e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	2.6043e+01	2.5578e+01	-4.7521e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.7017e+01	2.1285e+01	-4.6100e+00
1188	1419	0.0000e+00	0.0000e+00	0.0000e+00	3.7910e+01	1.4575e+01	-1.5097e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	2.4822e+01	2.1331e+01	-1.4959e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	2.5322e+01	2.2109e+01	-1.0167e+01

	1420	0.0000e+00	0.0000e+00	0.0000e+00	3.7690e+01	1.9406e+01	-1.0306e+01
1189	1418	0.0000e+00	0.0000e+00	0.0000e+00	3.9013e+01	4.0695e+00	-1.9611e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	2.2379e+01	1.1927e+01	-1.9415e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	2.3255e+01	1.3495e+01	-1.5104e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	3.8533e+01	1.2842e+01	-1.5299e+01
1190	1417	0.0000e+00	0.0000e+00	0.0000e+00	4.0739e+01	-1.1442e+01	-2.1246e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	2.1429e+01	-3.6660e+00	-2.2118e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.9894e+01	-1.4208e+00	-1.9500e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	4.0506e+01	1.1869e+00	-1.8628e+01
1191	1416	0.0000e+00	0.0000e+00	0.0000e+00	4.7317e+01	-2.5876e+01	-1.0814e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	2.0035e+01	-3.2947e+01	-1.3423e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.6140e+01	-2.4807e+01	-2.0355e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	4.5924e+01	-1.8194e+01	-1.7746e+01
1192	1414	0.0000e+00	0.0000e+00	0.0000e+00	5.2644e+01	-1.4048e+01	4.7431e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	4.3483e+01	-1.7738e+01	6.3987e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	4.5858e+01	-2.3774e+01	9.3885e-01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	5.3624e+01	-1.6686e+01	-7.1669e-01
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	4.8648e+01	-3.8979e+00	7.0402e+00
	1424	0.0000e+00	0.0000e+00	0.0000e+00	4.0835e+01	-2.6825e+00	1.0008e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	4.4844e+01	-1.3091e+01	9.2143e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	5.0651e+01	-1.0310e+01	6.2470e+00
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	4.5671e+01	5.9054e+00	5.5566e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	3.9997e+01	8.8558e+00	7.2551e+00
	1424	0.0000e+00	0.0000e+00	0.0000e+00	4.1682e+01	9.8955e-01	9.4462e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	4.7428e+01	-3.8539e-01	7.7477e+00
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	4.4394e+01	1.2649e+01	1.8088e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	4.0090e+01	1.6450e+01	2.4910e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	4.0649e+01	1.1449e+01	6.0132e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	4.5218e+01	8.2966e+00	5.3309e+00
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	4.4442e+01	1.5763e+01	-3.0398e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	4.0677e+01	1.9923e+01	-3.1392e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	4.0548e+01	1.7769e+01	9.3638e-01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	4.4369e+01	1.3884e+01	1.0358e+00
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	4.5631e+01	1.5139e+01	-8.1491e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	4.1619e+01	1.9242e+01	-8.9524e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	4.0936e+01	1.9975e+01	-4.8005e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	4.4686e+01	1.5882e+01	-3.9972e+00
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	4.7994e+01	1.0728e+01	-1.2719e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	4.3031e+01	1.4257e+01	-1.4306e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	4.1671e+01	1.7996e+01	-1.0551e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	4.6137e+01	1.4113e+01	-8.9640e+00
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	5.1733e+01	2.7733e+00	-1.5614e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	4.5334e+01	4.6945e+00	-1.8228e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	4.2864e+01	1.1644e+01	-1.5639e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	4.8907e+01	8.4548e+00	-1.3025e+01
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	5.6536e+01	-7.1892e+00	-1.4788e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	4.9722e+01	-9.2629e+00	-1.8710e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	4.4928e+01	8.3284e-01	-1.8936e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	5.3381e+01	-7.9441e-01	-1.5014e+01
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	6.1151e+01	-1.4789e+01	-8.6485e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	5.2055e+01	-2.1042e+01	-1.1380e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	4.8749e+01	-1.4366e+01	-1.6124e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	5.8922e+01	-1.1254e+01	-1.3392e+01
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	5.1941e+01	-8.8887e+00	2.8922e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	5.1946e+01	-1.1816e+01	3.7921e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	5.3158e+01	-1.4372e+01	1.7661e-01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	5.2554e+01	-1.0161e+01	-7.2330e-01
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	4.9309e+01	-3.0859e+00	4.6658e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	4.9071e+01	-3.4512e+00	7.0447e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	5.2364e+01	-9.2304e+00	5.6434e+00
	1403	0.0000e+00	0.0000e+00	0.0000e+00	5.0837e+01	-6.8295e+00	3.2645e+00
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	4.6555e+01	3.6245e+00	3.9363e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	4.6767e+01	5.1171e+00	5.9992e+00

	1413	0.0000e+00	0.0000e+00	0.0000e+00	4.9378e+01	-3.3403e-01	6.8418e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	4.8124e+01	-5.0489e-01	4.7789e+00
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	4.4924e+01	8.7798e+00	1.3344e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	4.5696e+01	1.1341e+01	2.4311e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	4.7031e+01	7.5812e+00	4.7013e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	4.5810e+01	5.6608e+00	3.6047e+00
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	4.4741e+01	1.1341e+01	-2.3148e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	4.5867e+01	1.4359e+01	-2.2895e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	4.5965e+01	1.2676e+01	6.5493e-01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	4.4695e+01	9.8814e+00	6.2963e-01
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	4.6026e+01	1.0998e+01	-6.1814e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	4.7251e+01	1.3923e+01	-7.2332e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	4.6157e+01	1.4436e+01	-4.2203e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	4.4989e+01	1.1413e+01	-3.1685e+00
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	4.8754e+01	7.7694e+00	-9.4048e+00
	1408	0.0000e+00	0.0000e+00	0.0000e+00	4.9910e+01	9.9636e+00	-1.1555e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	4.7558e+01	1.2704e+01	-9.0775e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	4.6749e+01	1.0007e+01	-6.9275e+00
1209	1396	0.0000e+00	0.0000e+00	0.0000e+00	5.2747e+01	2.1546e+00	-1.1005e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	5.3886e+01	2.7440e+00	-1.4179e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	5.0212e+01	7.4998e+00	-1.2991e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	4.9989e+01	5.7434e+00	-9.8162e+00
1210	1395	0.0000e+00	0.0000e+00	0.0000e+00	5.7249e+01	-4.3392e+00	-1.0064e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	5.8572e+01	-6.2051e+00	-1.3655e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	5.4121e+01	-5.7870e-01	-1.4590e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	5.4424e+01	-5.9807e-01	-1.1000e+01
1211	1394	0.0000e+00	0.0000e+00	0.0000e+00	6.0901e+01	-8.8888e+00	-6.6969e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	6.1253e+01	-1.2546e+01	-8.9835e+00
	1406	0.0000e+00	0.0000e+00	0.0000e+00	5.8658e+01	-9.3118e+00	-1.2085e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	5.8862e+01	-6.8460e+00	-9.7986e+00
1212	1392	0.0000e+00	0.0000e+00	0.0000e+00	4.5452e+01	-6.0838e+00	1.4983e+00
	1403	0.0000e+00	0.0000e+00	0.0000e+00	4.9914e+01	-7.9512e+00	2.0767e+00
	1404	0.0000e+00	0.0000e+00	0.0000e+00	5.0558e+01	-9.2341e+00	-5.6750e-02
	1393	0.0000e+00	0.0000e+00	0.0000e+00	4.5980e+01	-6.8900e+00	-6.3520e-01
1213	1391	0.0000e+00	0.0000e+00	0.0000e+00	4.3670e+01	-2.1489e+00	2.5230e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	4.7651e+01	-2.8461e+00	4.2530e+00
	1403	0.0000e+00	0.0000e+00	0.0000e+00	4.9912e+01	-6.4993e+00	2.9888e+00
	1392	0.0000e+00	0.0000e+00	0.0000e+00	4.4914e+01	-4.7009e+00	1.2588e+00
1214	1390	0.0000e+00	0.0000e+00	0.0000e+00	4.1734e+01	2.4682e+00	2.3213e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	4.5454e+01	3.1030e+00	3.9874e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	4.7660e+01	-8.5191e-01	4.0312e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	4.2904e+01	-3.0373e-01	2.3652e+00
1215	1389	0.0000e+00	0.0000e+00	0.0000e+00	4.0509e+01	6.1871e+00	7.8128e-01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	4.4240e+01	7.7296e+00	1.7416e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	4.5544e+01	4.7892e+00	2.9076e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	4.1152e+01	4.0300e+00	1.9472e+00
1216	1388	0.0000e+00	0.0000e+00	0.0000e+00	4.0406e+01	8.1595e+00	-1.6182e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	4.4310e+01	1.0063e+01	-1.6112e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	4.4423e+01	8.6914e+00	1.7668e-01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	4.0307e+01	7.0658e+00	1.6965e-01
1217	1387	0.0000e+00	0.0000e+00	0.0000e+00	4.1562e+01	8.0477e+00	-4.1734e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	4.5731e+01	9.7556e+00	-5.1906e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	4.4591e+01	1.0133e+01	-3.3498e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	4.0641e+01	8.2067e+00	-2.3326e+00
1218	1386	0.0000e+00	0.0000e+00	0.0000e+00	4.3944e+01	5.8495e+00	-6.1418e+00
	1397	0.0000e+00	0.0000e+00	0.0000e+00	4.8480e+01	6.7965e+00	-8.1537e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	4.6111e+01	8.8955e+00	-6.8295e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	4.2236e+01	7.2285e+00	-4.8176e+00
1219	1385	0.0000e+00	0.0000e+00	0.0000e+00	4.7331e+01	1.9216e+00	-6.8826e+00
	1396	0.0000e+00	0.0000e+00	0.0000e+00	5.2306e+01	1.6653e+00	-9.6865e+00
	1397	0.0000e+00	0.0000e+00	0.0000e+00	4.8953e+01	5.0982e+00	-9.3816e+00
	1386	0.0000e+00	0.0000e+00	0.0000e+00	4.5003e+01	4.2401e+00	-6.5778e+00
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	5.1103e+01	-2.7345e+00	-6.2093e+00



	1395	0.0000e+00	0.0000e+00	0.0000e+00	5.6394e+01	-4.1775e+00	-9.2001e+00
	1396	0.0000e+00	0.0000e+00	0.0000e+00	5.2852e+01	-5.3580e-01	-1.0124e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	4.8585e+01	-1.5508e-01	-7.1331e+00
1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	5.4066e+01	-6.0558e+00	-4.7472e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	5.9059e+01	-8.1201e+00	-6.7443e+00
	1395	0.0000e+00	0.0000e+00	0.0000e+00	5.6919e+01	-6.1064e+00	-8.5527e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	5.2159e+01	-4.6010e+00	-6.5555e+00
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	3.6634e+01	-5.0088e+00	3.3117e-01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	4.3035e+01	-5.9856e+00	8.3513e-01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	4.3448e+01	-6.8253e+00	-1.1478e-01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	3.7242e+01	-5.9269e+00	-6.1874e-01
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	3.5724e+01	-1.3497e+00	1.0325e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	4.1245e+01	-2.1086e+00	2.1861e+00
	1392	0.0000e+00	0.0000e+00	0.0000e+00	4.2703e+01	-4.8102e+00	1.0634e+00
	1381	0.0000e+00	0.0000e+00	0.0000e+00	3.6604e+01	-3.3527e+00	-9.0310e-02
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	3.4836e+01	2.0101e+00	1.2878e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	3.9676e+01	2.1182e+00	2.2949e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	4.1198e+01	-7.8318e-01	1.8990e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	3.5355e+01	1.0658e-01	8.9188e-01
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	3.4252e+01	4.6267e+00	4.7396e-01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	3.8865e+01	5.4158e+00	1.0501e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	3.9777e+01	3.2248e+00	1.4986e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	3.4507e+01	3.1286e+00	9.2241e-01
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	3.4340e+01	6.0874e+00	-9.8624e-01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	3.9022e+01	7.1396e+00	-1.0693e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	3.9040e+01	6.0728e+00	-1.2567e-01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	3.4154e+01	5.2623e+00	-4.2623e-02
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	3.5270e+01	6.1344e+00	-2.5428e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	4.0251e+01	6.9848e+00	-3.3785e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	3.9275e+01	7.2086e+00	-2.3994e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	3.4552e+01	6.1262e+00	-1.5637e+00
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	3.6992e+01	4.7295e+00	-3.6332e+00
	1386	0.0000e+00	0.0000e+00	0.0000e+00	4.2502e+01	4.9282e+00	-5.1710e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	4.0584e+01	6.4305e+00	-4.6197e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	3.5794e+01	5.5409e+00	-3.0819e+00
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	3.9307e+01	2.0204e+00	-3.8027e+00
	1385	0.0000e+00	0.0000e+00	0.0000e+00	4.5538e+01	1.2854e+00	-5.8648e+00
	1386	0.0000e+00	0.0000e+00	0.0000e+00	4.2911e+01	3.8151e+00	-6.0991e+00
	1375	0.0000e+00	0.0000e+00	0.0000e+00	3.7755e+01	3.5426e+00	-4.0370e+00
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	4.2198e+01	-1.8101e+00	-3.0981e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	4.8808e+01	-3.0291e+00	-5.4566e+00
	1385	0.0000e+00	0.0000e+00	0.0000e+00	4.6110e+01	-2.4312e-01	-6.3480e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	4.0117e+01	2.9769e-01	-3.9895e+00
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	4.4529e+01	-5.3998e+00	-2.9213e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	5.1439e+01	-6.1819e+00	-4.7155e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	4.9642e+01	-4.6357e+00	-5.4439e+00
	1373	0.0000e+00	0.0000e+00	0.0000e+00	4.2691e+01	-3.9798e+00	-3.6498e+00
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	2.7372e+01	-2.4122e+00	-2.6337e-01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	3.3789e+01	-5.2632e+00	2.1736e-01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	3.5542e+01	-6.5475e+00	-1.6688e-01
	21	0.0000e+00	0.0000e+00	0.0000e+00	2.6594e+01	-8.6400e+00	-6.4762e-01
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	2.8571e+01	-4.3278e-01	9.8684e-01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	3.3075e+01	-1.0815e+00	9.5870e-01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	3.3684e+01	-3.8367e+00	-1.0918e-01
	674	0.0000e+00	0.0000e+00	0.0000e+00	2.7905e+01	-2.3774e+00	-8.1043e-02
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	2.8748e+01	1.8643e+00	1.0213e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	3.2718e+01	1.8368e+00	1.2741e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	3.3355e+01	-3.8060e-01	8.7747e-01
	673	0.0000e+00	0.0000e+00	0.0000e+00	2.8623e+01	3.7477e-01	6.2472e-01
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	2.8728e+01	3.6946e+00	4.6258e-01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	3.2517e+01	4.0989e+00	6.4346e-01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	3.2927e+01	2.4909e+00	8.1774e-01
	672	0.0000e+00	0.0000e+00	0.0000e+00	2.8684e+01	2.5511e+00	6.3686e-01

1236	670	0.0000e+00	0.0000e+00	0.0000e+00	2.8988e+01	4.7787e+00	-4.4442e-01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	3.2817e+01	5.3497e+00	-6.1730e-01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	3.2709e+01	4.5273e+00	-1.1941e-01
	671	0.0000e+00	0.0000e+00	0.0000e+00	2.8746e+01	4.1154e+00	5.3461e-02
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	2.9728e+01	4.9007e+00	-1.3891e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	3.3779e+01	5.3335e+00	-2.0262e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	3.3038e+01	5.4174e+00	-1.5055e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	2.9178e+01	4.8224e+00	-8.6835e-01
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	3.0861e+01	3.9948e+00	-2.0520e+00
	1375	0.0000e+00	0.0000e+00	0.0000e+00	3.5326e+01	3.9875e+00	-3.0736e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	3.4026e+01	5.0097e+00	-2.8367e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	3.0090e+01	4.5348e+00	-1.8151e+00
1239	667	0.0000e+00	0.0000e+00	0.0000e+00	3.2035e+01	2.0910e+00	-2.1533e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	3.7160e+01	1.3889e+00	-3.3091e+00
	1375	0.0000e+00	0.0000e+00	0.0000e+00	3.5549e+01	3.3437e+00	-3.6229e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	3.1304e+01	3.2612e+00	-2.4672e+00
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	3.2567e+01	-1.0331e+00	-1.5513e+00
	1373	0.0000e+00	0.0000e+00	0.0000e+00	3.9090e+01	-2.4803e+00	-2.5331e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	3.7309e+01	5.2053e-01	-3.5363e+00
	667	0.0000e+00	0.0000e+00	0.0000e+00	3.2358e+01	1.0537e+00	-2.5545e+00
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	3.3248e+01	-8.9501e+00	-1.1787e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	4.2651e+01	-6.2008e+00	-3.0444e+00
	1373	0.0000e+00	0.0000e+00	0.0000e+00	3.9727e+01	-4.4130e+00	-3.0993e+00
	666	0.0000e+00	0.0000e+00	0.0000e+00	3.2391e+01	-1.5554e+00	-1.2337e+00
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	-9.2177e+00	-2.2619e+01	5.2718e+00
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-3.3061e+01	4.6810e+01	-1.2979e-01
	30	0.0000e+00	0.0000e+00	0.0000e+00	-8.7082e+01	-1.0017e+02	6.1325e+00
	1362	0.0000e+00	0.0000e+00	0.0000e+00	3.3858e+01	-4.3104e+01	1.1534e+01
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	2.6515e+00	4.6965e+00	9.9200e+00
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-1.6979e+01	4.8011e+01	5.2062e+00
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-3.2733e+01	-5.1524e+01	6.0486e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	8.8538e+00	-9.8726e+00	1.0762e+01
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	1.0823e+01	1.8313e+01	8.1760e+00
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-7.1472e+00	4.8527e+01	5.4829e+00
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-1.7075e+01	-1.6791e+01	7.2415e+00
	1360	0.0000e+00	0.0000e+00	0.0000e+00	1.5293e+01	9.9518e+00	9.9345e+00
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	1.5975e+01	2.6417e+01	5.2986e+00
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-1.8410e+00	4.4701e+01	3.8326e+00
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-7.2731e+00	8.6785e+00	6.4033e+00
	1359	0.0000e+00	0.0000e+00	0.0000e+00	1.8436e+01	2.1887e+01	7.8693e+00
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	1.8770e+01	2.9239e+01	1.7494e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-3.0696e-01	3.6322e+01	1.2853e+00
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-1.8802e+00	2.6772e+01	4.2332e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	1.9403e+01	2.8036e+01	4.6973e+00
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.9455e+01	2.6957e+01	-1.8459e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-2.3190e+00	2.2831e+01	-1.3722e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-2.1310e-01	3.8805e+01	1.5371e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	1.8309e+01	2.8936e+01	1.0633e+00
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.8091e+01	1.9443e+01	-4.8679e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-8.0427e+00	3.3511e+00	-3.4002e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-2.0928e+00	4.5680e+01	-9.4404e-01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.5115e+01	2.4740e+01	-2.4117e+00
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.4595e+01	6.1825e+00	-6.6724e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-1.8152e+01	-2.3393e+01	-3.9955e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-7.7330e+00	4.7974e+01	-2.4234e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	9.5995e+00	1.5295e+01	-5.1002e+00
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	7.8845e+00	-1.4944e+01	-7.1429e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-3.4086e+01	-5.9207e+01	-2.4740e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-1.7880e+01	4.5883e+01	-1.8668e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.1391e+00	4.2155e-01	-6.5357e+00
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	3.4182e+01	-5.0160e+01	-7.7200e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	-8.9657e+01	-1.0852e+02	-2.5954e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-3.4198e+01	4.2974e+01	3.9027e+00

	1353	0.0000e+00	0.0000e+00	0.0000e+00	-1.0893e+01	-2.8208e+01	-1.2219e+00
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	4.6955e+01	-1.6966e+01	1.6341e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	1.7100e+01	-2.3442e+01	1.8793e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	2.0891e+01	-3.1824e+01	1.2048e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	4.8134e+01	-2.4984e+01	9.5954e+00
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	4.1821e+01	2.8597e+00	1.6870e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	2.1150e+01	4.4028e-01	1.7555e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	2.2535e+01	-2.0024e+00	2.0442e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	4.1824e+01	-1.0122e+01	1.9757e+01
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	4.0178e+01	1.4910e+01	1.3128e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	2.4781e+01	1.5812e+01	1.2741e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	2.3765e+01	1.4028e+01	1.7358e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	4.0410e+01	5.8162e+00	1.7744e+01
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	3.9685e+01	2.1821e+01	7.6731e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	2.7085e+01	2.4841e+01	7.3480e+00
	1359	0.0000e+00	0.0000e+00	0.0000e+00	2.6465e+01	2.3830e+01	1.2482e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	3.9647e+01	1.6715e+01	1.2807e+01
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	3.9378e+01	2.3950e+01	1.4799e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	2.8002e+01	2.8640e+01	1.4429e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	2.7845e+01	2.8460e+01	6.7814e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	3.9461e+01	2.2611e+01	6.8184e+00
1257	1345	0.0000e+00	0.0000e+00	0.0000e+00	3.9078e+01	2.1493e+01	-4.7966e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	2.7541e+01	2.7547e+01	-4.5087e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	2.7867e+01	2.8204e+01	7.8155e-01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	3.9336e+01	2.3815e+01	4.9365e-01
1258	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.8868e+01	1.4375e+01	-1.0584e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	2.5748e+01	2.1586e+01	-1.0029e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	2.6516e+01	2.3064e+01	-5.0446e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	3.9224e+01	2.0435e+01	-5.5990e+00
1259	1343	0.0000e+00	0.0000e+00	0.0000e+00	3.9321e+01	2.3415e+00	-1.5136e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	2.2708e+01	1.0507e+01	-1.4578e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	2.3813e+01	1.2724e+01	-1.0230e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.9347e+01	1.2308e+01	-1.0788e+01
1260	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.0597e+01	-1.4505e+01	-1.6449e+01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	2.1389e+01	-6.7222e+00	-1.7118e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.9873e+01	-3.8984e+00	-1.4709e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	4.0758e+01	-8.6991e-01	-1.4041e+01
1261	1341	0.0000e+00	0.0000e+00	0.0000e+00	4.6749e+01	-2.9122e+01	-4.3600e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	2.0625e+01	-3.8348e+01	-7.1406e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	1.5655e+01	-2.8931e+01	-1.5441e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.6086e+01	-2.1771e+01	-1.2660e+01
1262	1339	0.0000e+00	0.0000e+00	0.0000e+00	5.9899e+01	-1.0303e+01	1.2255e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	4.9783e+01	-1.3215e+01	1.4819e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	5.2937e+01	-2.0224e+01	1.0243e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	6.1939e+01	-1.4104e+01	7.6799e+00
1263	1338	0.0000e+00	0.0000e+00	0.0000e+00	5.4658e+01	5.1680e-01	1.3570e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	4.6274e+01	2.4035e+00	1.7296e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	5.0882e+01	-8.0515e+00	1.7300e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	5.7601e+01	-6.1709e+00	1.3573e+01
1264	1337	0.0000e+00	0.0000e+00	0.0000e+00	5.0548e+01	1.0121e+01	1.1216e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	4.4565e+01	1.3609e+01	1.3595e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	4.6812e+01	6.3065e+00	1.6456e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	5.3122e+01	4.1463e+00	1.4077e+01
1265	1336	0.0000e+00	0.0000e+00	0.0000e+00	4.8211e+01	1.6096e+01	6.7428e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	4.3764e+01	2.0314e+01	8.0575e+00
	1348	0.0000e+00	0.0000e+00	0.0000e+00	4.4872e+01	1.6241e+01	1.2118e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	4.9767e+01	1.2444e+01	1.0803e+01
1266	1335	0.0000e+00	0.0000e+00	0.0000e+00	4.7266e+01	1.8100e+01	1.3311e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	4.3458e+01	2.2556e+01	1.8203e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	4.3859e+01	2.1546e+01	6.3057e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	4.7857e+01	1.7148e+01	5.8165e+00
1267	1334	0.0000e+00	0.0000e+00	0.0000e+00	4.7537e+01	1.6186e+01	-4.1625e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	4.3536e+01	2.0454e+01	-4.4255e+00

	1346	0.0000e+00	0.0000e+00	0.0000e+00	4.3348e+01	2.2441e+01	2.1168e-03
	1335	0.0000e+00	0.0000e+00	0.0000e+00	4.7192e+01	1.7968e+01	2.6513e-01
1268	1333	0.0000e+00	0.0000e+00	0.0000e+00	4.9065e+01	1.0446e+01	-8.9058e+00
	1344	0.0000e+00	0.0000e+00	0.0000e+00	4.4147e+01	1.3977e+01	-1.0011e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	4.3224e+01	1.8995e+01	-6.1346e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	4.7750e+01	1.4875e+01	-5.0295e+00
1269	1332	0.0000e+00	0.0000e+00	0.0000e+00	5.2065e+01	1.2779e+00	-1.1699e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	4.5768e+01	2.9692e+00	-1.3904e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	4.3631e+01	1.1136e+01	-1.1398e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	4.9733e+01	7.8783e+00	-9.1920e+00
1270	1331	0.0000e+00	0.0000e+00	0.0000e+00	5.6197e+01	-9.4754e+00	-1.0350e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.9665e+01	-1.2213e+01	-1.3942e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	4.5032e+01	-1.0845e+00	-1.4581e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	5.3551e+01	-2.5604e+00	-1.0989e+01
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	5.9730e+01	-1.6928e+01	-3.3271e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	5.1471e+01	-2.3994e+01	-5.4815e+00
	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.8389e+01	-1.7430e+01	-1.1010e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	5.8447e+01	-1.3583e+01	-8.8552e+00
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	5.9709e+01	-6.1321e+00	8.9359e+00
	1339	0.0000e+00	0.0000e+00	0.0000e+00	5.9620e+01	-8.4462e+00	1.1059e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	6.2058e+01	-1.1923e+01	8.1004e+00
	1329	0.0000e+00	0.0000e+00	0.0000e+00	6.1574e+01	-8.3962e+00	5.9768e+00
1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	5.5556e+01	4.1559e-01	9.8870e+00
	1338	0.0000e+00	0.0000e+00	0.0000e+00	5.5394e+01	6.2860e-01	1.3282e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	5.9651e+01	-5.2752e+00	1.2531e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	5.8179e+01	-3.5791e+00	9.1358e+00
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	5.1477e+01	7.0667e+00	8.4089e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	5.1860e+01	9.0505e+00	1.1339e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	5.5291e+01	4.0069e+00	1.2747e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	5.3983e+01	3.2121e+00	9.8166e+00
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	4.8679e+01	1.1616e+01	5.1879e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	4.9656e+01	1.4567e+01	7.0365e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	5.1709e+01	1.1549e+01	9.7608e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	5.0372e+01	9.1227e+00	7.9122e+00
1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	4.7456e+01	1.3242e+01	1.0719e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	4.8787e+01	1.6537e+01	1.7574e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	4.9517e+01	1.5787e+01	5.0359e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	4.8114e+01	1.2611e+01	4.3505e+00
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	4.7806e+01	1.1805e+01	-3.0878e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	4.9218e+01	1.4876e+01	-3.5546e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	4.8681e+01	1.6409e+01	-3.3909e-01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	4.7396e+01	1.3133e+01	1.2774e-01
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	4.9680e+01	7.4794e+00	-6.3985e+00
	1333	0.0000e+00	0.0000e+00	0.0000e+00	5.1012e+01	9.6539e+00	-8.0234e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	4.9145e+01	1.3411e+01	-5.4984e+00
	1323	0.0000e+00	0.0000e+00	0.0000e+00	4.8254e+01	1.0601e+01	-3.8734e+00
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	5.2860e+01	9.4199e-01	-7.8359e+00
	1332	0.0000e+00	0.0000e+00	0.0000e+00	5.4202e+01	1.2954e+00	-1.0518e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	5.0951e+01	6.9548e+00	-9.4751e+00
	1322	0.0000e+00	0.0000e+00	0.0000e+00	5.0678e+01	5.2501e+00	-6.7934e+00
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	5.6523e+01	-6.0462e+00	-6.4701e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	5.8063e+01	-8.3760e+00	-9.5154e+00
	1332	0.0000e+00	0.0000e+00	0.0000e+00	5.4092e+01	-2.1682e+00	-1.0813e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	5.4323e+01	-1.9374e+00	-7.7673e+00
1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	5.8951e+01	-1.0330e+01	-2.5553e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	5.9866e+01	-1.4479e+01	-4.0867e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	5.7840e+01	-1.1405e+01	-7.6895e+00
	1320	0.0000e+00	0.0000e+00	0.0000e+00	5.7874e+01	-8.4419e+00	-6.1581e+00
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	5.2833e+01	-4.0822e+00	5.9330e+00
	1328	0.0000e+00	0.0000e+00	0.0000e+00	5.7734e+01	-5.4722e+00	7.7895e+00
	1329	0.0000e+00	0.0000e+00	0.0000e+00	5.9731e+01	-7.6800e+00	6.0959e+00
	1318	0.0000e+00	0.0000e+00	0.0000e+00	5.4598e+01	-5.7267e+00	4.2394e+00
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	4.9511e+01	6.2610e-01	6.3238e+00

	1327	0.0000e+00	0.0000e+00	0.0000e+00	5.3949e+01	3.8517e-01	9.1376e+00
	1328	0.0000e+00	0.0000e+00	0.0000e+00	5.7308e+01	-3.4878e+00	8.3506e+00
	1317	0.0000e+00	0.0000e+00	0.0000e+00	5.1853e+01	-2.1753e+00	5.5368e+00
1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	4.6253e+01	5.2944e+00	5.5535e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	5.0405e+01	6.3158e+00	8.1282e+00
	1327	0.0000e+00	0.0000e+00	0.0000e+00	5.3523e+01	2.6360e+00	8.5936e+00
	1316	0.0000e+00	0.0000e+00	0.0000e+00	4.8352e+01	2.7387e+00	6.0189e+00
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	4.3895e+01	8.5429e+00	3.5507e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	4.8006e+01	1.0389e+01	5.2724e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	5.0074e+01	8.0490e+00	6.7764e+00
	1315	0.0000e+00	0.0000e+00	0.0000e+00	4.5316e+01	6.9264e+00	5.0547e+00
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	4.2804e+01	9.7322e+00	8.0840e-01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	4.7026e+01	1.1842e+01	1.4659e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	4.7790e+01	1.1258e+01	3.4959e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	4.3372e+01	9.3608e+00	2.8384e+00
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	4.3078e+01	8.7006e+00	-1.9463e+00
	1323	0.0000e+00	0.0000e+00	0.0000e+00	4.7505e+01	1.0498e+01	-2.3917e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	4.6930e+01	1.1739e+01	-4.1971e-01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	4.2750e+01	9.6443e+00	2.5649e-02
1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	4.4639e+01	5.6039e+00	-3.9470e+00
	1322	0.0000e+00	0.0000e+00	0.0000e+00	4.9386e+01	6.5026e+00	-5.4313e+00
	1323	0.0000e+00	0.0000e+00	0.0000e+00	4.7527e+01	9.4406e+00	-4.1051e+00
	1312	0.0000e+00	0.0000e+00	0.0000e+00	4.3491e+01	7.7213e+00	-2.6209e+00
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	4.7210e+01	9.6407e-01	-4.5389e+00
	1321	0.0000e+00	0.0000e+00	0.0000e+00	5.2368e+01	5.1084e-01	-6.8111e+00
	1322	0.0000e+00	0.0000e+00	0.0000e+00	4.9516e+01	4.6367e+00	-6.6476e+00
	1311	0.0000e+00	0.0000e+00	0.0000e+00	4.5458e+01	3.8607e+00	-4.3754e+00
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	5.0117e+01	-4.0342e+00	-3.5660e+00
	1320	0.0000e+00	0.0000e+00	0.0000e+00	5.5520e+01	-5.7724e+00	-5.9495e+00
	1321	0.0000e+00	0.0000e+00	0.0000e+00	5.2585e+01	-1.7572e+00	-7.1340e+00
	1310	0.0000e+00	0.0000e+00	0.0000e+00	4.8222e+01	-1.1571e+00	-4.7505e+00
1291	1308	0.0000e+00	0.0000e+00	0.0000e+00	5.1932e+01	-7.1245e+00	-1.8047e+00
	1319	0.0000e+00	0.0000e+00	0.0000e+00	5.7182e+01	-9.4107e+00	-3.0325e+00
	1320	0.0000e+00	0.0000e+00	0.0000e+00	5.5748e+01	-7.5894e+00	-5.1204e+00
	1309	0.0000e+00	0.0000e+00	0.0000e+00	5.0879e+01	-5.7540e+00	-3.8926e+00
1292	1306	0.0000e+00	0.0000e+00	0.0000e+00	4.3187e+01	-3.6005e+00	3.2265e+00
	1317	0.0000e+00	0.0000e+00	0.0000e+00	5.0279e+01	-4.1842e+00	4.9085e+00
	1318	0.0000e+00	0.0000e+00	0.0000e+00	5.1958e+01	-5.8956e+00	4.2651e+00
	1307	0.0000e+00	0.0000e+00	0.0000e+00	4.4916e+01	-5.2091e+00	2.5831e+00
1293	1305	0.0000e+00	0.0000e+00	0.0000e+00	4.0841e+01	9.1400e-01	3.4511e+00
	1316	0.0000e+00	0.0000e+00	0.0000e+00	4.6989e+01	4.6573e-01	5.6521e+00
	1317	0.0000e+00	0.0000e+00	0.0000e+00	4.9524e+01	-2.5225e+00	4.8497e+00
	1306	0.0000e+00	0.0000e+00	0.0000e+00	4.2765e+01	-1.3868e+00	2.6486e+00
1294	1304	0.0000e+00	0.0000e+00	0.0000e+00	3.8768e+01	4.4051e+00	3.3575e+00
	1315	0.0000e+00	0.0000e+00	0.0000e+00	4.4109e+01	4.7842e+00	5.2141e+00
	1316	0.0000e+00	0.0000e+00	0.0000e+00	4.6522e+01	2.0399e+00	5.0865e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	4.0118e+01	2.6709e+00	3.2299e+00
1295	1303	0.0000e+00	0.0000e+00	0.0000e+00	3.7170e+01	6.6450e+00	2.2423e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	4.2184e+01	7.6489e+00	3.5198e+00
	1315	0.0000e+00	0.0000e+00	0.0000e+00	4.3827e+01	5.9338e+00	4.1902e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	3.8115e+01	5.6142e+00	2.9127e+00
1296	1302	0.0000e+00	0.0000e+00	0.0000e+00	3.6372e+01	7.4375e+00	5.5760e-01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	4.1369e+01	8.6309e+00	1.0705e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	4.2000e+01	8.2211e+00	2.1715e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	3.6780e+01	7.2410e+00	1.6586e+00
1297	1301	0.0000e+00	0.0000e+00	0.0000e+00	3.6503e+01	6.6982e+00	-1.1208e+00
	1312	0.0000e+00	0.0000e+00	0.0000e+00	4.1725e+01	7.6018e+00	-1.4290e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	4.1284e+01	8.5478e+00	-3.7356e-01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	3.6321e+01	7.3678e+00	-6.5375e-02
1298	1300	0.0000e+00	0.0000e+00	0.0000e+00	3.7472e+01	4.5399e+00	-2.2160e+00
	1311	0.0000e+00	0.0000e+00	0.0000e+00	4.3155e+01	4.6952e+00	-3.2546e+00
	1312	0.0000e+00	0.0000e+00	0.0000e+00	4.1737e+01	6.8808e+00	-2.7193e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	3.6787e+01	5.9794e+00	-1.6808e+00

1299	1299	0.0000e+00	0.0000e+00	0.0000e+00	3.9020e+01	1.2554e+00	-2.2758e+00
	1310	0.0000e+00	0.0000e+00	0.0000e+00	4.5364e+01	3.8777e-01	-3.8175e+00
	1311	0.0000e+00	0.0000e+00	0.0000e+00	4.3256e+01	3.4527e+00	-4.1603e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	3.8003e+01	3.2618e+00	-2.6186e+00
1300	1298	0.0000e+00	0.0000e+00	0.0000e+00	4.1079e+01	-2.8236e+00	-1.3736e+00
	1309	0.0000e+00	0.0000e+00	0.0000e+00	4.7715e+01	-4.2346e+00	-3.1354e+00
	1310	0.0000e+00	0.0000e+00	0.0000e+00	4.5634e+01	-1.1735e+00	-4.2063e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	3.9591e+01	-4.7061e-01	-2.4444e+00
1301	1297	0.0000e+00	0.0000e+00	0.0000e+00	4.2443e+01	-6.3341e+00	-1.0299e+00
	1308	0.0000e+00	0.0000e+00	0.0000e+00	4.9396e+01	-7.1424e+00	-2.1488e+00
	1309	0.0000e+00	0.0000e+00	0.0000e+00	4.8285e+01	-5.7515e+00	-3.0094e+00
	1298	0.0000e+00	0.0000e+00	0.0000e+00	4.1287e+01	-4.8610e+00	-1.8905e+00
1302	557	0.0000e+00	0.0000e+00	0.0000e+00	3.2763e+01	-1.2434e+00	1.0194e+00
	1306	0.0000e+00	0.0000e+00	0.0000e+00	4.0175e+01	-4.0698e+00	2.7624e+00
	1307	0.0000e+00	0.0000e+00	0.0000e+00	4.3026e+01	-6.0465e+00	2.7338e+00
	19	0.0000e+00	0.0000e+00	0.0000e+00	3.3444e+01	-8.8164e+00	9.9080e-01
1303	556	0.0000e+00	0.0000e+00	0.0000e+00	3.2948e+01	1.5667e+00	2.2638e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	3.7991e+01	1.0905e+00	3.0966e+00
	1306	0.0000e+00	0.0000e+00	0.0000e+00	3.9619e+01	-2.0943e+00	2.1480e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	3.3007e+01	-6.9791e-01	1.3152e+00
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	3.2155e+01	4.0003e+00	2.0921e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	3.6517e+01	4.1468e+00	3.0642e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	3.7936e+01	1.9988e+00	2.8157e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	3.2706e+01	2.6358e+00	1.8436e+00
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	3.1263e+01	5.5038e+00	1.3493e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	3.5347e+01	6.0450e+00	2.1419e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	3.6404e+01	4.8273e+00	2.4500e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	3.1812e+01	4.7602e+00	1.6574e+00
1306	553	0.0000e+00	0.0000e+00	0.0000e+00	3.0740e+01	5.9964e+00	3.1114e-01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	3.4790e+01	6.6531e+00	6.6711e-01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	3.5230e+01	6.3931e+00	1.2586e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	3.1021e+01	5.8822e+00	9.0262e-01
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	3.0766e+01	5.4234e+00	-6.9535e-01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	3.4971e+01	5.8831e+00	-8.5798e-01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	3.4716e+01	6.5852e+00	-2.9768e-01
	553	0.0000e+00	0.0000e+00	0.0000e+00	3.0691e+01	5.9388e+00	-1.3504e-01
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	3.1218e+01	3.8571e+00	-1.3476e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	3.5773e+01	3.8188e+00	-1.9143e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	3.4939e+01	5.4149e+00	-1.6959e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	3.0904e+01	4.9455e+00	-1.1292e+00
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	3.1704e+01	1.4525e+00	-1.3776e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	3.6847e+01	6.7898e-01	-2.0580e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	3.5728e+01	3.0667e+00	-2.4400e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	3.1444e+01	3.0472e+00	-1.7596e+00
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	3.1523e+01	-1.8962e+00	-6.7827e-01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	3.7909e+01	-3.4174e+00	-1.1203e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	3.6734e+01	-2.1106e-01	-2.2104e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	3.1803e+01	4.1970e-01	-1.7684e+00
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	3.1041e+01	-9.5915e+00	-1.9737e-01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	4.0683e+01	-7.0692e+00	-1.3642e+00
	1298	0.0000e+00	0.0000e+00	0.0000e+00	3.8261e+01	-5.2431e+00	-1.5921e+00
	549	0.0000e+00	0.0000e+00	0.0000e+00	3.1099e+01	-2.2709e+00	-4.2525e-01
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	-1.0891e+01	-2.8208e+01	1.2269e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-3.4193e+01	4.2975e+01	-3.8977e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	-8.9654e+01	-1.0852e+02	2.6065e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	3.4187e+01	-5.0175e+01	7.7311e+00
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.1429e+00	4.2435e-01	6.5396e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	-1.7877e+01	4.5890e+01	1.8714e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-3.4083e+01	-5.9209e+01	2.4793e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	7.8894e+00	-1.4944e+01	7.1474e+00
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	9.6038e+00	1.5300e+01	5.1041e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	-7.7301e+00	4.7982e+01	2.4274e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	-1.8150e+01	-2.3392e+01	3.9998e+00

	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.4600e+01	6.1862e+00	6.6765e+00
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.5121e+01	2.4746e+01	2.4155e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	-2.0887e+00	4.5688e+01	9.4708e-01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	-8.0397e+00	3.3545e+00	3.4037e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.8096e+01	1.9448e+01	4.8721e+00
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.8316e+01	2.8941e+01	-1.0604e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-2.0701e-01	3.8813e+01	-1.5354e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	-2.3145e+00	2.2835e+01	1.3747e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.9461e+01	2.6963e+01	1.8497e+00
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.9412e+01	2.8041e+01	-4.6959e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-1.8717e+00	2.6779e+01	-4.2334e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-3.0016e-01	3.6328e+01	-1.2842e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.8778e+01	2.9244e+01	-1.7467e+00
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.8449e+01	2.1892e+01	-7.8699e+00
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-7.2618e+00	8.6850e+00	-6.4059e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-1.8316e+00	4.4706e+01	-3.8335e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.5985e+01	2.6422e+01	-5.2975e+00
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.5310e+01	9.9561e+00	-9.9374e+00
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-1.7060e+01	-1.6785e+01	-7.2471e+00
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-7.1349e+00	4.8533e+01	-5.4866e+00
	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.0836e+01	1.8317e+01	-8.1769e+00
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	8.8793e+00	-9.8654e+00	-1.0765e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-3.2713e+01	-5.1517e+01	-6.0568e+00
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-1.6963e+01	4.8016e+01	-5.2135e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	2.6704e+00	4.6992e+00	-9.9220e+00
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	3.3875e+01	-4.3074e+01	-1.1523e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	-8.7018e+01	-1.0016e+02	-6.1347e+00
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-3.3039e+01	4.6813e+01	1.1482e-01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	-9.1854e+00	-2.2613e+01	-5.2739e+00
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	4.6092e+01	-2.1775e+01	1.2664e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	1.5659e+01	-2.8932e+01	1.5448e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.0633e+01	-3.8362e+01	7.1472e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	4.6759e+01	-2.9133e+01	4.3632e+00
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	4.0763e+01	-8.6688e-01	1.4045e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.9878e+01	-3.8958e+00	1.4714e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.1394e+01	-6.7220e+00	1.7123e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	4.0603e+01	-1.4506e+01	1.6454e+01
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.9352e+01	1.2313e+01	1.0793e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	2.3818e+01	1.2729e+01	1.0235e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	2.2713e+01	1.0511e+01	1.4582e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	3.9327e+01	2.3451e+00	1.5140e+01
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	3.9230e+01	2.0440e+01	5.6041e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	2.6522e+01	2.3069e+01	5.0492e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	2.5754e+01	2.1592e+01	1.0034e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.8873e+01	1.4380e+01	1.0589e+01
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	3.9343e+01	2.3819e+01	-4.8886e-01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	2.7875e+01	2.8209e+01	-7.7777e-01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	2.7548e+01	2.7552e+01	4.5129e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	3.9084e+01	2.1498e+01	4.8018e+00
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	3.9470e+01	2.2614e+01	-6.8145e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.7855e+01	2.8464e+01	-6.7790e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	2.8010e+01	2.8645e+01	-1.4397e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	3.9386e+01	2.3954e+01	-1.4752e+00
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.9658e+01	1.6718e+01	-1.2804e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	2.6478e+01	2.3833e+01	-1.2481e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.7096e+01	2.4845e+01	-7.3463e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	3.9695e+01	2.1824e+01	-7.6695e+00
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	4.0424e+01	5.8199e+00	-1.7743e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	2.3782e+01	1.4031e+01	-1.7358e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	2.4794e+01	1.5815e+01	-1.2741e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	4.0190e+01	1.4912e+01	-1.3126e+01
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.1839e+01	-1.0112e+01	-1.9755e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	2.2556e+01	-1.9963e+00	-2.0442e+01

	1279	0.0000e+00	0.0000e+00	0.0000e+00	2.1168e+01	4.4422e-01	-1.7556e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	4.1836e+01	2.8630e+00	-1.6869e+01
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.8144e+01	-2.4964e+01	-9.5980e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	2.0911e+01	-3.1796e+01	-1.2047e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.7123e+01	-2.3431e+01	-1.8790e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.6969e+01	-1.6953e+01	-1.6341e+01
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	5.8455e+01	-1.3586e+01	8.8557e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	4.8396e+01	-1.7433e+01	1.1014e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	5.1482e+01	-2.4004e+01	5.4839e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	5.9742e+01	-1.6936e+01	3.3260e+00
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	5.3556e+01	-2.5566e+00	1.0992e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	4.5038e+01	-1.0818e+00	1.4585e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	4.9672e+01	-1.2213e+01	1.3945e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	5.6204e+01	-9.4753e+00	1.0352e+01
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	4.9738e+01	7.8842e+00	9.1967e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	4.3636e+01	1.1141e+01	1.1403e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	4.5774e+01	2.9731e+00	1.3909e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	5.2070e+01	1.2827e+00	1.1703e+01
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	4.7754e+01	1.4880e+01	5.0352e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	4.3229e+01	1.9000e+01	6.1401e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	4.4153e+01	1.3982e+01	1.0016e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	4.9069e+01	1.0451e+01	8.9111e+00
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	4.7196e+01	1.7972e+01	-2.5924e-01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	4.3354e+01	2.2445e+01	3.1715e-03
	1272	0.0000e+00	0.0000e+00	0.0000e+00	4.3542e+01	2.0459e+01	4.4308e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	4.7541e+01	1.6191e+01	4.1684e+00
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	4.7862e+01	1.7151e+01	-5.8111e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	4.3867e+01	2.1549e+01	-6.3011e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	4.3465e+01	2.2560e+01	-1.8155e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	4.7271e+01	1.8103e+01	-1.3254e+00
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	4.9774e+01	1.2445e+01	-1.0799e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	4.4882e+01	1.6243e+01	-1.2115e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	4.3773e+01	2.0316e+01	-8.0535e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	4.8217e+01	1.6097e+01	-6.7376e+00
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	5.3129e+01	4.1484e+00	-1.4074e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	4.6824e+01	6.3092e+00	-1.6454e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	4.4576e+01	1.3611e+01	-1.3592e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.0555e+01	1.0122e+01	-1.1212e+01
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	5.7608e+01	-6.1647e+00	-1.3573e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	5.0893e+01	-8.0435e+00	-1.7299e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	4.6287e+01	2.4073e+00	-1.7294e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	5.4665e+01	5.1950e-01	-1.3569e+01
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	6.1942e+01	-1.4091e+01	-7.6863e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	5.2945e+01	-2.0206e+01	-1.0247e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.9795e+01	-1.3204e+01	-1.4818e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	5.9904e+01	-1.0294e+01	-1.2258e+01
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	5.7881e+01	-8.4408e+00	6.1538e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	5.7847e+01	-1.1407e+01	7.6895e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	5.9878e+01	-1.4487e+01	4.0846e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	5.8962e+01	-1.0337e+01	2.5489e+00
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	5.4327e+01	-1.9303e+00	7.7681e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	5.4097e+01	-2.1638e+00	1.0816e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	5.8070e+01	-8.3750e+00	9.5156e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	5.6529e+01	-6.0422e+00	6.4681e+00
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	5.0681e+01	5.2576e+00	6.7978e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	5.0955e+01	6.9610e+00	9.4800e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	5.4207e+01	1.3008e+00	1.0521e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	5.2864e+01	9.4973e-01	7.8386e+00
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	4.8257e+01	1.0607e+01	3.8792e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	4.9149e+01	1.3416e+01	5.5042e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	5.1016e+01	9.6601e+00	8.0285e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	4.9683e+01	7.4865e+00	6.4035e+00
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	4.7398e+01	1.3137e+01	-1.2177e-01



	1260	0.0000e+00	0.0000e+00	0.0000e+00	4.8685e+01	1.6413e+01	3.4513e-01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	4.9221e+01	1.4881e+01	3.5605e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	4.7808e+01	1.1810e+01	3.0936e+00
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	4.8116e+01	1.2613e+01	-4.3446e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	4.9522e+01	1.5789e+01	-5.0301e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	4.8791e+01	1.6541e+01	-1.7516e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	4.7457e+01	1.3245e+01	-1.0661e+00
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	5.0373e+01	9.1230e+00	-7.9069e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.1714e+01	1.1550e+01	-9.7559e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	4.9661e+01	1.4569e+01	-7.0313e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	4.8680e+01	1.1618e+01	-5.1823e+00
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	5.3985e+01	3.2110e+00	-9.8134e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	5.5297e+01	4.0078e+00	-1.2744e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.1865e+01	9.0510e+00	-1.1335e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	5.1477e+01	7.0663e+00	-8.4043e+00
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	5.8179e+01	-3.5789e+00	-9.1380e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	5.9655e+01	-5.2707e+00	-1.2532e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	5.5400e+01	6.2995e-01	-1.3280e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	5.5557e+01	4.1444e-01	-9.8859e+00
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	6.1571e+01	-8.3884e+00	-5.9868e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	6.2061e+01	-1.1912e+01	-8.1076e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	5.9625e+01	-8.4394e+00	-1.1062e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	5.9709e+01	-6.1300e+00	-8.9416e+00
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	5.0882e+01	-5.7456e+00	3.8823e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	5.5753e+01	-7.5871e+00	5.1161e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	5.7192e+01	-9.4158e+00	3.0242e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	5.1944e+01	-7.1279e+00	1.7904e+00
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	4.8226e+01	-1.1449e+00	4.7509e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	5.2588e+01	-1.7483e+00	7.1353e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	5.5524e+01	-5.7671e+00	5.9455e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	5.0121e+01	-4.0218e+00	3.5611e+00
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	4.5462e+01	3.8698e+00	4.3800e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	4.9518e+01	4.6450e+00	6.6519e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	5.2371e+01	5.1943e-01	6.8132e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	4.7213e+01	9.7611e-01	4.5413e+00
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	4.3493e+01	7.7273e+00	2.6255e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	4.7529e+01	9.4464e+00	4.1104e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	4.9389e+01	6.5102e+00	5.4363e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	4.4642e+01	5.6119e+00	3.9514e+00
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	4.2749e+01	9.6482e+00	-2.1433e-02
	1249	0.0000e+00	0.0000e+00	0.0000e+00	4.6931e+01	1.1743e+01	4.2521e-01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	4.7506e+01	1.0504e+01	2.3972e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	4.3079e+01	8.7057e+00	1.9506e+00
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	4.3368e+01	9.3630e+00	-2.8342e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	4.7790e+01	1.1260e+01	-3.4903e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	4.7026e+01	1.1846e+01	-1.4605e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	4.2803e+01	9.7354e+00	-8.0441e-01
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	4.5310e+01	6.9263e+00	-5.0502e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	5.0073e+01	8.0484e+00	-6.7710e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	4.8006e+01	1.0391e+01	-5.2672e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	4.3891e+01	8.5444e+00	-3.5464e+00
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	4.8346e+01	2.7343e+00	-6.0153e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	5.3522e+01	2.6335e+00	-8.5903e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	5.0404e+01	6.3146e+00	-8.1238e+00
	1236	0.0000e+00	0.0000e+00	0.0000e+00	4.6246e+01	5.2931e+00	-5.5488e+00
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	5.1849e+01	-2.1847e+00	-5.5391e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	5.7307e+01	-3.4897e+00	-8.3539e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	5.3949e+01	3.8168e-01	-9.1360e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	4.9504e+01	6.2066e-01	-6.3212e+00
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	5.4588e+01	-5.7268e+00	-4.2544e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	5.9729e+01	-7.6749e+00	-6.1075e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	5.7734e+01	-5.4732e+00	-7.7945e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	5.2828e+01	-4.0911e+00	-5.9414e+00

1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	4.1289e+01	-4.8224e+00	1.8753e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	4.8283e+01	-5.7386e+00	3.0031e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	4.9402e+01	-7.1434e+00	2.1309e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	4.2455e+01	-6.3379e+00	1.0032e+00
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	3.9602e+01	-4.5268e-01	2.4508e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	4.5635e+01	-1.1573e+00	4.2072e+00
	1242	0.0000e+00	0.0000e+00	0.0000e+00	4.7717e+01	-4.2209e+00	3.1297e+00
	1231	0.0000e+00	0.0000e+00	0.0000e+00	4.1078e+01	-2.7984e+00	1.3733e+00
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	3.8012e+01	3.2705e+00	2.6219e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	4.3261e+01	3.4620e+00	4.1636e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	4.5368e+01	4.0082e-01	3.8214e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	3.9030e+01	1.2679e+00	2.2797e+00
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	3.6791e+01	5.9843e+00	1.6817e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	4.1739e+01	6.8861e+00	2.7226e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	4.3160e+01	4.7038e+00	3.2591e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	3.7480e+01	4.5467e+00	2.2181e+00
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	3.6319e+01	7.3712e+00	6.5093e-02
	1238	0.0000e+00	0.0000e+00	0.0000e+00	4.1283e+01	8.5509e+00	3.7651e-01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	4.1727e+01	7.6074e+00	1.4325e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	3.6506e+01	6.7025e+00	1.1211e+00
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	3.6772e+01	7.2435e+00	-1.6589e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	4.1995e+01	8.2225e+00	-2.1684e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	4.1366e+01	8.6346e+00	-1.0676e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	3.6369e+01	7.4407e+00	-5.5813e-01
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	3.8101e+01	5.6152e+00	-2.9118e+00
	1236	0.0000e+00	0.0000e+00	0.0000e+00	4.3819e+01	5.9328e+00	-4.1861e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	4.2177e+01	7.6509e+00	-3.5168e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	3.7160e+01	6.6473e+00	-2.2425e+00
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	4.0099e+01	2.6675e+00	-3.2267e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	4.6513e+01	2.0341e+00	-5.0816e+00
	1236	0.0000e+00	0.0000e+00	0.0000e+00	4.4100e+01	4.7831e+00	-5.2108e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	3.8753e+01	4.4047e+00	-3.3559e+00
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	4.2754e+01	-1.4021e+00	-2.6451e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	4.9516e+01	-2.5339e+00	-4.8503e+00
	1235	0.0000e+00	0.0000e+00	0.0000e+00	4.6981e+01	4.5780e-01	-5.6501e+00
	1224	0.0000e+00	0.0000e+00	0.0000e+00	4.0821e+01	9.0475e-01	-3.4449e+00
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	4.4893e+01	-5.2167e+00	-2.6074e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	5.1952e+01	-5.9006e+00	-4.2838e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	5.0279e+01	-4.1995e+00	-4.9116e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	4.3169e+01	-3.6441e+00	-3.2353e+00
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	3.1151e+01	-2.2601e+00	4.4746e-01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	3.8258e+01	-5.1820e+00	1.5848e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	4.0662e+01	-7.0639e+00	1.3034e+00
	16	0.0000e+00	0.0000e+00	0.0000e+00	3.1052e+01	-9.4304e+00	1.6612e-01
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	3.1833e+01	4.3178e-01	1.7681e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	3.6751e+01	-1.9625e-01	2.2132e+00
	1231	0.0000e+00	0.0000e+00	0.0000e+00	3.7925e+01	-3.3859e+00	1.1273e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	3.1562e+01	-1.8704e+00	6.8223e-01
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	3.1462e+01	3.0522e+00	1.7551e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	3.5741e+01	3.0733e+00	2.4408e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	3.6863e+01	6.9338e-01	2.0620e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	3.1730e+01	1.4621e+00	1.3764e+00
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	3.0913e+01	4.9482e+00	1.1224e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	3.4945e+01	5.4184e+00	1.6947e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	3.5783e+01	3.8263e+00	1.9149e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	3.1234e+01	3.8616e+00	1.3427e+00
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	3.0691e+01	5.9412e+00	1.2726e-01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	3.4716e+01	6.5876e+00	2.9532e-01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	3.4975e+01	5.8878e+00	8.5646e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	3.0772e+01	5.4265e+00	6.8839e-01
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	3.1012e+01	5.8848e+00	-9.1033e-01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	3.5222e+01	6.3950e+00	-1.2610e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	3.4787e+01	6.6568e+00	-6.6954e-01

	436	0.0000e+00	0.0000e+00	0.0000e+00	3.0738e+01	5.9996e+00	-3.1892e-01
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	3.1794e+01	4.7618e+00	-1.6642e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	3.6389e+01	4.8276e+00	-2.4514e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	3.5337e+01	6.0481e+00	-2.1441e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	3.1251e+01	5.5073e+00	-1.3569e+00
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	3.2679e+01	2.6323e+00	-1.8494e+00
	1224	0.0000e+00	0.0000e+00	0.0000e+00	3.7912e+01	1.9937e+00	-2.8151e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	3.6499e+01	4.1484e+00	-3.0649e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	3.2135e+01	4.0030e+00	-2.0992e+00
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	3.2968e+01	-7.2109e-01	-1.3212e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	3.9579e+01	-2.1182e+00	-2.1448e+00
	1224	0.0000e+00	0.0000e+00	0.0000e+00	3.7963e+01	1.0880e+00	-3.0939e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	3.2915e+01	1.5644e+00	-2.2703e+00
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	3.3322e+01	-9.0098e+00	-1.0419e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	4.3056e+01	-6.0746e+00	-2.7859e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	4.0141e+01	-4.1280e+00	-2.7705e+00
	432	0.0000e+00	0.0000e+00	0.0000e+00	3.2702e+01	-1.2232e+00	-1.0266e+00
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	-9.9384e+00	-2.4192e+01	7.1382e+00
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-3.3959e+01	4.4001e+01	1.8999e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	-8.7440e+01	-1.0067e+02	7.8876e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	3.2928e+01	-4.4296e+01	1.3126e+01
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.6141e+00	2.6522e+00	1.2134e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	-1.8069e+01	4.4781e+01	7.4951e+00
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-3.3610e+01	-5.2580e+01	8.0988e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	7.7544e+00	-1.1643e+01	1.2738e+01
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	9.5533e+00	1.5846e+01	1.0782e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	-8.2981e+00	4.4926e+01	8.1001e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	-1.8111e+01	-1.8419e+01	9.5928e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.3931e+01	7.7142e+00	1.2275e+01
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.4533e+01	2.3576e+01	8.3160e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-2.9120e+00	4.0877e+01	6.8043e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	-8.3443e+00	6.4338e+00	9.0885e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.6902e+01	1.9226e+01	1.0600e+01
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.7217e+01	2.6129e+01	5.1791e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-1.1308e+00	3.2525e+01	4.6102e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-2.8519e+00	2.3870e+01	7.2658e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.7785e+01	2.5024e+01	7.8347e+00
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.7869e+01	2.3767e+01	1.9692e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-2.6868e+00	1.9443e+01	2.2713e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-9.2432e-01	3.5227e+01	4.9020e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.6719e+01	2.5710e+01	4.5999e+00
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.6584e+01	1.6470e+01	-7.2704e-01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-7.6833e+00	9.2229e-01	4.8663e-01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-2.3414e+00	4.1444e+01	2.7012e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.3702e+01	2.1525e+01	1.4875e+00
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.3335e+01	3.8730e+00	-2.2972e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-1.6689e+01	-2.4105e+01	7.9623e-03
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-7.2522e+00	4.3154e+01	1.3995e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	8.5696e+00	1.2429e+01	-9.0566e-01
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	7.2103e+00	-1.5854e+01	-2.6019e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-3.0948e+01	-5.7179e+01	1.4750e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-1.6287e+01	4.0628e+01	1.9550e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	8.1024e-01	-1.6444e+00	-2.1219e+00
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	3.2654e+01	-4.7627e+01	-2.5977e+00
	24	0.0000e+00	0.0000e+00	0.0000e+00	-8.1953e+01	-1.0222e+02	1.5859e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-3.0914e+01	3.7366e+01	7.2973e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	-9.9076e+00	-2.8506e+01	3.1138e+00
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.5927e+01	-1.8237e+01	1.7780e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	1.6139e+01	-2.4854e+01	2.0396e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	2.0040e+01	-3.3005e+01	1.3456e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.7327e+01	-2.5922e+01	1.0839e+01
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	4.0501e+01	1.1510e+00	1.8672e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.9886e+01	-1.4648e+00	1.9550e+01

	1211	0.0000e+00	0.0000e+00	0.0000e+00	2.1426e+01	-3.7109e+00	2.2161e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.0739e+01	-1.1481e+01	2.1284e+01
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.8520e+01	1.2810e+01	1.5354e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	2.3242e+01	1.3455e+01	1.5162e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	2.2370e+01	1.1888e+01	1.9467e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	3.9004e+01	4.0354e+00	1.9659e+01
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	3.7670e+01	1.9378e+01	1.0369e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	2.5306e+01	2.2072e+01	1.0234e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	2.4808e+01	2.1296e+01	1.5019e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.7894e+01	1.4544e+01	1.5155e+01
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.6992e+01	2.1261e+01	4.6817e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	2.6028e+01	2.5545e+01	4.8253e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	2.5969e+01	2.5606e+01	9.7812e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	3.7342e+01	2.0106e+01	9.6377e+00
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.6310e+01	1.8734e+01	-1.0675e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	2.5434e+01	2.4285e+01	-6.1347e-01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	2.5828e+01	2.5169e+01	4.2653e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.6836e+01	2.1089e+01	3.8113e+00
1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.5709e+01	1.1828e+01	-6.3238e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	2.3594e+01	1.8416e+01	-5.6234e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	2.4390e+01	2.0079e+01	-1.0731e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.6332e+01	1.7684e+01	-1.7736e+00
1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	3.5736e+01	4.3408e-01	-1.0367e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	2.0623e+01	7.8166e+00	-9.6777e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	2.1705e+01	1.0148e+01	-5.7842e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.6050e+01	9.8444e+00	-6.4732e+00
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	3.6455e+01	-1.5174e+01	-1.1286e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.9380e+01	-8.3394e+00	-1.1749e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.7911e+01	-5.5168e+00	-9.7809e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	3.6984e+01	-2.5682e+00	-9.3173e+00
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.2203e+01	-2.8468e+01	9.9976e-02
	1143	0.0000e+00	0.0000e+00	0.0000e+00	1.7693e+01	-3.7145e+01	-2.1180e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.4004e+01	-2.8593e+01	-9.9401e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	4.1398e+01	-2.1830e+01	-7.7222e+00
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	5.8926e+01	-1.1286e+01	1.3417e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.8751e+01	-1.4405e+01	1.6156e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	5.2064e+01	-2.1084e+01	1.1404e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	6.1163e+01	-1.4823e+01	8.6656e+00
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	5.3375e+01	-8.2007e-01	1.5049e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	4.4921e+01	7.9953e-01	1.8979e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.9722e+01	-9.2984e+00	1.8745e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	5.6537e+01	-7.2175e+00	1.4816e+01
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	4.8891e+01	8.4323e+00	1.3072e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	4.2848e+01	1.1614e+01	1.5692e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	4.5325e+01	4.6640e+00	1.8273e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	5.1724e+01	2.7499e+00	1.5653e+01
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	4.6112e+01	1.4092e+01	9.0200e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	4.1648e+01	1.7969e+01	1.0613e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	4.3013e+01	1.4229e+01	1.4361e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	4.7975e+01	1.0707e+01	1.2768e+01
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	4.4651e+01	1.5864e+01	4.0613e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	4.0907e+01	1.9951e+01	4.8705e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	4.1594e+01	1.9217e+01	9.0165e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	4.5603e+01	1.5119e+01	8.2073e+00
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	4.4324e+01	1.3872e+01	-9.6508e-01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	4.0512e+01	1.7751e+01	-8.5956e-01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	4.0646e+01	1.9903e+01	3.2109e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	4.4404e+01	1.5747e+01	3.1054e+00
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	4.5160e+01	8.2948e+00	-5.2561e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	4.0607e+01	1.1443e+01	-5.9315e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	4.0053e+01	1.6437e+01	-2.4132e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	4.4345e+01	1.2639e+01	-1.7378e+00
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	4.7356e+01	-3.7038e-01	-7.6736e+00

	1194	0.0000e+00	0.0000e+00	0.0000e+00	4.1632e+01	1.0044e+00	-9.3633e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.9954e+01	8.8572e+00	-7.1730e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	4.5609e+01	5.9085e+00	-5.4834e+00
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	5.0560e+01	-1.0273e+01	-6.1849e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	4.4778e+01	-1.3042e+01	-9.1385e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	4.0785e+01	-2.6572e+00	-9.9249e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	4.8569e+01	-3.8746e+00	-6.9713e+00
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	5.3513e+01	-1.6633e+01	7.5002e-01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.5780e+01	-2.3696e+01	-8.9334e-01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	4.3418e+01	-1.7674e+01	-6.3326e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	5.2544e+01	-1.4000e+01	-4.6892e+00
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	5.8864e+01	-6.8672e+00	9.8127e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	5.8661e+01	-9.3404e+00	1.2107e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	6.1263e+01	-1.2577e+01	8.9990e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	6.0912e+01	-8.9157e+00	6.7049e+00
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	5.4418e+01	-6.1227e-01	1.1025e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	5.4113e+01	-6.0107e-01	1.4623e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	5.8572e+01	-6.2300e+00	1.3680e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	5.7249e+01	-4.3562e+00	1.0082e+01
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	4.9973e+01	5.7307e+00	9.8535e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	5.0194e+01	7.4802e+00	1.3034e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	5.3876e+01	2.7240e+00	1.4215e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	5.2737e+01	2.1426e+00	1.1034e+01
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	4.6723e+01	9.9946e+00	6.9734e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	4.7531e+01	1.2685e+01	9.1304e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	4.9890e+01	9.9458e+00	1.1602e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	4.8735e+01	7.7579e+00	9.4447e+00
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	4.4950e+01	1.1401e+01	3.2210e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	4.6119e+01	1.4419e+01	4.2810e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	4.7221e+01	1.3906e+01	7.2890e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	4.5997e+01	1.0986e+01	6.2289e+00
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	4.4642e+01	9.8731e+00	-5.7231e-01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	4.5915e+01	1.2663e+01	-5.8800e-01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	4.5827e+01	1.4346e+01	2.3525e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	4.4698e+01	1.1331e+01	2.3682e+00
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	4.5741e+01	5.6591e+00	-3.5452e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	4.6968e+01	7.5779e+00	-4.6308e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	4.5643e+01	1.1334e+01	-2.3625e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	4.4866e+01	8.7746e+00	-1.2769e+00
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	4.8037e+01	-4.9744e-01	-4.7229e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	4.9298e+01	-3.2275e-01	-6.7732e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	4.6701e+01	5.1204e+00	-5.9283e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	4.6479e+01	3.6272e+00	-3.8780e+00
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	5.0732e+01	-6.8119e+00	-3.2214e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	5.2266e+01	-9.2001e+00	-5.5869e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	4.8989e+01	-3.4318e+00	-6.9786e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	4.9215e+01	-3.0727e+00	-4.6131e+00
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	5.2430e+01	-1.0135e+01	7.4431e-01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	5.3046e+01	-1.4328e+01	-1.4459e-01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	5.1846e+01	-1.1777e+01	-3.7438e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	5.1829e+01	-8.8653e+00	-2.8549e+00
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	5.2158e+01	-4.6106e+00	6.5581e+00
	1181	0.0000e+00	0.0000e+00	0.0000e+00	5.6921e+01	-6.1249e+00	8.5644e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	5.9067e+01	-8.1449e+00	6.7503e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	5.4077e+01	-6.0782e+00	4.7441e+00
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	4.8580e+01	-1.5672e-01	7.1518e+00
	1180	0.0000e+00	0.0000e+00	0.0000e+00	5.2843e+01	-5.4551e-01	1.0148e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	5.6392e+01	-4.1913e+00	9.2143e+00
	1171	0.0000e+00	0.0000e+00	0.0000e+00	5.1101e+01	-2.7371e+00	6.2182e+00
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	4.4993e+01	4.2356e+00	6.6074e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	4.8936e+01	5.0890e+00	9.4158e+00
	1180	0.0000e+00	0.0000e+00	0.0000e+00	5.2296e+01	1.6562e+00	9.7139e+00
	1170	0.0000e+00	0.0000e+00	0.0000e+00	4.7323e+01	1.9211e+00	6.9055e+00

1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	4.2215e+01	7.2212e+00	4.8523e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	4.6085e+01	8.8847e+00	6.8712e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	4.8461e+01	6.7877e+00	8.1915e+00
	1169	0.0000e+00	0.0000e+00	0.0000e+00	4.3930e+01	5.8451e+00	6.1725e+00
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	4.0606e+01	8.1989e+00	2.3706e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	4.4552e+01	1.0122e+01	3.3975e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	4.5701e+01	9.7465e+00	5.2354e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	4.1537e+01	8.0413e+00	4.2086e+00
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	4.0255e+01	7.0599e+00	-1.2929e-01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	4.4369e+01	8.6834e+00	-1.2464e-01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	4.4267e+01	1.0055e+01	1.6612e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	4.0366e+01	8.1537e+00	1.6566e+00
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	4.1080e+01	4.0277e+00	-1.9063e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	4.5472e+01	4.7867e+00	-2.8535e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	4.4182e+01	7.7257e+00	-1.6881e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	4.0451e+01	6.1841e+00	-7.4081e-01
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	4.2814e+01	-3.0313e-01	-2.3273e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	4.7570e+01	-8.4689e-01	-3.9803e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	4.5378e+01	3.1052e+00	-3.9336e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	4.1656e+01	2.4691e+00	-2.2806e+00
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	4.4808e+01	-4.7010e+00	-1.2311e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	4.9806e+01	-6.4863e+00	-2.9502e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	4.7558e+01	-2.8369e+00	-4.2052e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	4.3573e+01	-2.1448e+00	-2.4862e+00
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	4.5856e+01	-6.8843e+00	6.4258e-01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	5.0439e+01	-9.2148e+00	7.4978e-02
	1173	0.0000e+00	0.0000e+00	0.0000e+00	4.9804e+01	-7.9349e+00	-2.0443e+00
	1163	0.0000e+00	0.0000e+00	0.0000e+00	4.5340e+01	-6.0820e+00	-1.4767e+00
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	4.2685e+01	-3.9553e+00	3.6433e+00
	1171	0.0000e+00	0.0000e+00	0.0000e+00	4.9636e+01	-4.6402e+00	5.4490e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	5.1446e+01	-6.2024e+00	4.7086e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	4.4535e+01	-5.4256e+00	2.9029e+00
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	4.0125e+01	3.0706e-01	4.0126e+00
	1170	0.0000e+00	0.0000e+00	0.0000e+00	4.6102e+01	-2.3723e-01	6.3660e+00
	1171	0.0000e+00	0.0000e+00	0.0000e+00	4.8803e+01	-3.0294e+00	5.4629e+00
	1161	0.0000e+00	0.0000e+00	0.0000e+00	4.2192e+01	-1.7908e+00	3.1094e+00
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	3.7758e+01	3.5416e+00	4.0596e+00
	1169	0.0000e+00	0.0000e+00	0.0000e+00	4.2902e+01	3.8132e+00	6.1246e+00
	1170	0.0000e+00	0.0000e+00	0.0000e+00	4.5532e+01	1.2873e+00	5.8887e+00
	1160	0.0000e+00	0.0000e+00	0.0000e+00	3.9313e+01	2.0247e+00	3.8236e+00
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	3.5785e+01	5.5355e+00	3.1032e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	4.0565e+01	6.4244e+00	4.6493e+00
	1169	0.0000e+00	0.0000e+00	0.0000e+00	4.2491e+01	4.9260e+00	5.2004e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	3.6992e+01	4.7271e+00	3.6543e+00
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	3.4526e+01	6.1197e+00	1.5847e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	3.9242e+01	7.2014e+00	2.4318e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	4.0229e+01	6.9803e+00	3.4107e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	3.5256e+01	6.1296e+00	2.5636e+00
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	3.4108e+01	5.2570e+00	6.3555e-02
	1166	0.0000e+00	0.0000e+00	0.0000e+00	3.8989e+01	6.0671e+00	1.5992e-01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	3.8983e+01	7.1353e+00	1.1035e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	3.4309e+01	6.0830e+00	1.0071e+00
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	3.4440e+01	3.1254e+00	-9.0211e-01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	3.9706e+01	3.2219e+00	-1.4636e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	3.8808e+01	5.4139e+00	-1.0147e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	3.4200e+01	4.6242e+00	-4.5318e-01
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	3.5265e+01	1.0446e-01	-8.7307e-01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	4.1107e+01	-7.8431e-01	-1.8655e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	3.9599e+01	2.1193e+00	-2.2602e+00
	1155	0.0000e+00	0.0000e+00	0.0000e+00	3.4762e+01	2.0096e+00	-1.2678e+00
1440	1153	0.0000e+00	0.0000e+00	0.0000e+00	3.6501e+01	-3.3589e+00	1.0722e-01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	4.2596e+01	-4.8134e+00	-1.0370e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	4.1151e+01	-2.1069e+00	-2.1557e+00

	1154	0.0000e+00	0.0000e+00	0.0000e+00	3.5627e+01	-1.3530e+00	-1.0115e+00
1441	1088	0.0000e+00	0.0000e+00	0.0000e+00	3.7114e+01	-5.9355e+00	6.0824e-01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	4.3331e+01	-6.8266e+00	1.1722e-01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	4.2932e+01	-5.9917e+00	-8.1398e-01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	3.6518e+01	-5.0446e+00	-3.2297e-01
1442	323	0.0000e+00	0.0000e+00	0.0000e+00	3.2453e+01	-1.5370e+00	1.2944e+00
	1161	0.0000e+00	0.0000e+00	0.0000e+00	3.9704e+01	-4.3579e+00	3.1056e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	4.2640e+01	-6.2237e+00	2.9854e+00
	14	0.0000e+00	0.0000e+00	0.0000e+00	3.3188e+01	-8.8073e+00	1.1742e+00
1443	322	0.0000e+00	0.0000e+00	0.0000e+00	3.2400e+01	1.0575e+00	2.5718e+00
	1160	0.0000e+00	0.0000e+00	0.0000e+00	3.7326e+01	5.3016e-01	3.5536e+00
	1161	0.0000e+00	0.0000e+00	0.0000e+00	3.9094e+01	-2.4553e+00	2.5585e+00
	323	0.0000e+00	0.0000e+00	0.0000e+00	3.2621e+01	-1.0184e+00	1.5767e+00
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	3.1330e+01	3.2562e+00	2.4757e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	3.5559e+01	3.3414e+00	3.6399e+00
	1160	0.0000e+00	0.0000e+00	0.0000e+00	3.7175e+01	1.3961e+00	3.3316e+00
	322	0.0000e+00	0.0000e+00	0.0000e+00	3.2073e+01	2.0899e+00	2.1674e+00
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	3.0097e+01	4.5270e+00	1.8188e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	3.4022e+01	5.0036e+00	2.8521e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	3.5331e+01	3.9868e+00	3.0924e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	3.0882e+01	3.9892e+00	2.0590e+00
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	2.9165e+01	4.8147e+00	8.6953e-01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	3.3015e+01	5.4107e+00	1.5202e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	3.3769e+01	5.3301e+00	2.0429e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	2.9730e+01	4.8944e+00	1.3922e+00
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	2.8711e+01	4.1089e+00	-5.3913e-02
	1156	0.0000e+00	0.0000e+00	0.0000e+00	3.2666e+01	4.5219e+00	1.3369e-01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	3.2789e+01	5.3462e+00	6.3305e-01
	319	0.0000e+00	0.0000e+00	0.0000e+00	2.8969e+01	4.7734e+00	4.4545e-01
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	2.8627e+01	2.5453e+00	-6.3929e-01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	3.2862e+01	2.4872e+00	-8.0462e-01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	3.2468e+01	4.0970e+00	-6.2843e-01
	318	0.0000e+00	0.0000e+00	0.0000e+00	2.8686e+01	3.6911e+00	-4.6310e-01
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	2.8542e+01	3.6652e-01	-6.3110e-01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	3.3265e+01	-3.8430e-01	-8.6693e-01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	3.2645e+01	1.8371e+00	-1.2603e+00
	317	0.0000e+00	0.0000e+00	0.0000e+00	2.8683e+01	1.8628e+00	-1.0245e+00
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	2.7803e+01	-2.4001e+00	6.6206e-02
	1153	0.0000e+00	0.0000e+00	0.0000e+00	3.3553e+01	-3.8518e+00	1.1619e-01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	3.2976e+01	-1.0781e+00	-9.4516e-01
	316	0.0000e+00	0.0000e+00	0.0000e+00	2.8481e+01	-4.3466e-01	-9.9515e-01
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	2.6328e+01	-8.8173e+00	5.8339e-01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	3.5477e+01	-6.5809e+00	1.3357e-01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	3.3651e+01	-5.3063e+00	-2.1807e-01
	315	0.0000e+00	0.0000e+00	0.0000e+00	2.7243e+01	-2.3757e+00	2.3175e-01
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	-1.0578e+01	-3.0935e+01	2.9255e+00
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-3.4976e+01	3.7824e+01	4.9862e-01
	24	0.0000e+00	0.0000e+00	0.0000e+00	-8.2054e+01	-1.0518e+02	5.6440e+00
	1143	0.0000e+00	0.0000e+00	0.0000e+00	3.2030e+01	-4.7598e+01	8.0709e+00
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	-2.6809e+00	-2.9138e+00	8.7489e+00
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-2.1250e+01	4.0825e+01	5.7820e+00
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-3.3684e+01	-6.1825e+01	5.9595e+00
	1142	0.0000e+00	0.0000e+00	0.0000e+00	4.2873e+00	-1.8472e+01	8.9265e+00
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	3.5318e+00	1.1647e+01	8.5740e+00
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-1.2972e+01	4.4882e+01	7.1991e+00
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-2.1075e+01	-3.0027e+01	7.8116e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	9.1021e+00	1.8778e+00	9.1865e+00
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	7.4359e+00	2.2183e+01	7.5870e+00
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-8.1816e+00	4.5541e+01	7.1448e+00
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-1.3143e+01	-5.1694e+00	8.3216e+00
	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.1583e+01	1.5633e+01	8.7638e+00
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	9.6645e+00	2.8811e+01	6.2074e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-6.1734e+00	4.2774e+01	6.4191e+00

	1149	0.0000e+00	0.0000e+00	0.0000e+00	-8.5396e+00	1.3983e+01	7.8145e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	1.2421e+01	2.4916e+01	7.6029e+00
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	1.0527e+01	3.1613e+01	4.9435e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	-6.3883e+00	3.6260e+01	5.5642e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-6.5740e+00	2.8310e+01	6.8571e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	1.1856e+01	3.0149e+01	6.2364e+00
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	1.0212e+01	3.0478e+01	4.2268e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-8.2409e+00	2.5549e+01	4.9867e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	-6.6734e+00	3.8348e+01	5.9061e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	1.0044e+01	3.1423e+01	5.1462e+00
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	8.8214e+00	2.4887e+01	4.2907e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.1082e+01	1.0137e+01	4.8838e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-8.1973e+00	4.4270e+01	5.3094e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	7.0288e+00	2.8597e+01	4.7164e+00
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	3.5843e+00	1.1745e+01	3.5237e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.3369e+01	-1.0360e+01	4.4490e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.0311e+01	4.5455e+01	5.2972e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	2.2307e+00	2.1508e+01	4.3719e+00
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	4.1462e+01	-1.0359e+01	1.9265e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	-5.2369e+01	-3.8475e+01	-1.3396e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.2601e+01	4.6181e+01	7.2195e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	-4.3220e+00	-5.2068e-01	1.0486e+01
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	4.0718e+01	-2.1829e+01	1.2128e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	1.3216e+01	-3.0292e+01	1.5171e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	1.7681e+01	-3.7806e+01	6.8524e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.1858e+01	-2.8206e+01	3.8099e+00
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.4689e+01	-3.5315e+00	1.4457e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.5120e+01	-7.0764e+00	1.6418e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	1.7366e+01	-1.0260e+01	1.7326e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	3.6055e+01	-1.5778e+01	1.5366e+01
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	3.1892e+01	9.9834e+00	1.3140e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.7292e+01	9.2234e+00	1.3707e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.7083e+01	6.5415e+00	1.6442e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.3144e+01	-1.5766e-01	1.5875e+01
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	3.0473e+01	1.9793e+01	1.0268e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	1.8635e+01	2.0607e+01	1.0706e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.8659e+01	1.8426e+01	1.3857e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	3.1255e+01	1.2398e+01	1.3419e+01
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.9242e+01	2.6104e+01	6.8282e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	1.9019e+01	2.8010e+01	7.4837e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	1.9360e+01	2.6485e+01	1.0683e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	3.0108e+01	2.1443e+01	1.0028e+01
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.7784e+01	2.9001e+01	3.4397e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	1.8391e+01	3.1597e+01	4.4525e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	1.9100e+01	3.0922e+01	7.4282e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.8940e+01	2.7056e+01	6.4155e+00
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.5769e+01	2.8174e+01	4.6653e-01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	1.6750e+01	3.1236e+01	1.9431e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	1.7835e+01	3.1721e+01	4.5093e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.7404e+01	2.9210e+01	3.0328e+00
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.3490e+01	2.2653e+01	-1.9756e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	1.3561e+01	2.6247e+01	6.1500e-03
	1136	0.0000e+00	0.0000e+00	0.0000e+00	1.5548e+01	2.8692e+01	2.2394e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.5153e+01	2.7437e+01	2.5763e-01
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.6970e+01	9.6303e+00	-3.9106e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	1.3677e+01	1.4392e+01	-1.9488e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	1.1868e+01	1.9862e+01	-3.3753e-01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.2393e+01	2.1126e+01	-2.2994e+00
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	4.4724e+01	-1.1084e+01	-1.1954e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	-2.1191e+01	-1.6056e+01	4.3636e-01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	9.0509e+00	9.0598e+00	2.3519e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.7488e+01	-7.1679e-02	7.2012e-01
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	5.1680e+01	-1.3127e+01	7.5537e+00



	1131	0.0000e+00	0.0000e+00	0.0000e+00	4.2687e+01	-1.7600e+01	1.0060e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.5974e+01	-2.3312e+01	4.7389e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	5.3010e+01	-1.6230e+01	2.2326e+00
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	4.6849e+01	-3.2589e+00	1.0426e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.8690e+01	-3.1115e+00	1.4498e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	4.3198e+01	-1.3381e+01	1.2926e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	4.9843e+01	-9.8184e+00	8.8530e+00
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	4.2348e+01	7.4365e+00	1.0219e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	3.6208e+01	9.3031e+00	1.3339e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.8964e+01	9.1578e-01	1.4456e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	4.5339e+01	3.5788e-01	1.1336e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	3.9102e+01	1.6162e+01	8.0632e+00
	1128	0.0000e+00	0.0000e+00	0.0000e+00	3.4461e+01	1.8820e+01	1.0357e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	3.6329e+01	1.2644e+01	1.2660e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	4.1458e+01	1.0301e+01	1.0366e+01
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	3.6715e+01	2.2217e+01	4.9576e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	3.2959e+01	2.5168e+01	6.7362e+00
	1128	0.0000e+00	0.0000e+00	0.0000e+00	3.4394e+01	2.1192e+01	9.4703e+00
	1117	0.0000e+00	0.0000e+00	0.0000e+00	3.8556e+01	1.8205e+01	7.6917e+00
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	3.4780e+01	2.5334e+01	1.5580e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	3.1347e+01	2.8247e+01	3.0841e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	3.2654e+01	2.6582e+01	5.8498e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	3.6284e+01	2.3489e+01	4.3238e+00
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	3.2941e+01	2.5028e+01	-1.7052e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.9400e+01	2.7708e+01	-2.4724e-01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	3.0736e+01	2.8685e+01	2.3122e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	3.4291e+01	2.5807e+01	8.5420e-01
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	3.1426e+01	2.0334e+01	-4.4177e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.6624e+01	2.2472e+01	-2.9970e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.8370e+01	2.7058e+01	-8.1676e-01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	3.2298e+01	2.4461e+01	-2.2375e+00
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	2.7276e+01	9.2374e+00	-5.9794e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.6848e+01	1.0585e+01	-5.0999e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.5251e+01	1.9911e+01	-3.9595e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	3.0493e+01	1.8782e+01	-4.8389e+00
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	4.6064e+01	-8.5569e+00	-3.2863e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	1.9157e+00	-1.4079e+01	-1.8490e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.3123e+01	7.8324e+00	-1.5714e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	2.7504e+01	1.7079e+00	-3.0087e+00
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	5.1064e+01	-7.7108e+00	4.4954e+00
	1120	0.0000e+00	0.0000e+00	0.0000e+00	5.0999e+01	-1.0910e+01	6.2122e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	5.3165e+01	-1.3958e+01	2.8007e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	5.2059e+01	-9.7497e+00	1.0839e+00
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	4.7676e+01	-1.4184e+00	6.5729e+00
	1119	0.0000e+00	0.0000e+00	0.0000e+00	4.7246e+01	-2.3032e+00	9.8081e+00
	1120	0.0000e+00	0.0000e+00	0.0000e+00	5.0850e+01	-8.6418e+00	8.0381e+00
	1109	0.0000e+00	0.0000e+00	0.0000e+00	5.0032e+01	-5.6830e+00	4.8029e+00
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	4.3824e+01	6.3436e+00	6.7310e+00
	1118	0.0000e+00	0.0000e+00	0.0000e+00	4.3581e+01	7.1610e+00	1.0008e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	4.7037e+01	6.9415e-01	1.0088e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	4.6405e+01	1.3385e+00	6.8108e+00
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	4.0517e+01	1.3422e+01	5.2734e+00
	1117	0.0000e+00	0.0000e+00	0.0000e+00	4.0635e+01	1.5306e+01	7.9610e+00
	1118	0.0000e+00	0.0000e+00	0.0000e+00	4.3324e+01	1.0002e+01	9.3325e+00
	1107	0.0000e+00	0.0000e+00	0.0000e+00	4.2779e+01	8.9087e+00	6.6449e+00
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	3.8027e+01	1.8736e+01	2.7677e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	3.8345e+01	2.1195e+01	4.8031e+00
	1117	0.0000e+00	0.0000e+00	0.0000e+00	4.0339e+01	1.7484e+01	6.8800e+00
	1106	0.0000e+00	0.0000e+00	0.0000e+00	3.9782e+01	1.5433e+01	4.8445e+00
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	3.6259e+01	2.1698e+01	-2.5457e-01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	3.6476e+01	2.4387e+01	1.2431e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	3.7973e+01	2.2524e+01	3.6066e+00
	1105	0.0000e+00	0.0000e+00	0.0000e+00	3.7520e+01	2.0080e+01	2.1090e+00

1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	3.5027e+01	2.1711e+01	-3.3197e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	3.4847e+01	2.4337e+01	-2.2525e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	3.5960e+01	2.4727e+01	7.9116e-02
	1104	0.0000e+00	0.0000e+00	0.0000e+00	3.5880e+01	2.2290e+01	-9.8800e-01
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	3.4456e+01	1.7948e+01	-5.8699e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	3.3085e+01	2.0019e+01	-5.1938e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	3.4063e+01	2.3502e+01	-3.2402e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	3.4722e+01	2.1332e+01	-3.9163e+00
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	3.2588e+01	9.1089e+00	-7.1055e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	3.3472e+01	9.9922e+00	-7.0573e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	3.2017e+01	1.7508e+01	-6.2358e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	3.4132e+01	1.6607e+01	-6.2839e+00
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	4.4799e+01	-4.6913e+00	-4.4506e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	1.7963e+01	-9.6064e+00	-3.8795e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	3.0672e+01	6.7123e+00	-4.7235e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	3.3143e+01	3.6300e+00	-5.2946e+00
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	4.4785e+01	-4.7960e+00	2.2065e+00
	1109	0.0000e+00	0.0000e+00	0.0000e+00	4.9040e+01	-6.7528e+00	3.4539e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	5.0498e+01	-8.8656e+00	1.4822e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	4.5625e+01	-6.5409e+00	2.3479e-01
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	4.2437e+01	7.7786e-02	3.3575e+00
	1108	0.0000e+00	0.0000e+00	0.0000e+00	4.6122e+01	-8.3505e-01	5.7485e+00
	1109	0.0000e+00	0.0000e+00	0.0000e+00	4.8714e+01	-5.3124e+00	4.3702e+00
	1098	0.0000e+00	0.0000e+00	0.0000e+00	4.4250e+01	-3.2323e+00	1.9792e+00
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	3.9739e+01	5.9794e+00	3.6483e+00
	1107	0.0000e+00	0.0000e+00	0.0000e+00	4.2908e+01	6.2806e+00	6.2373e+00
	1108	0.0000e+00	0.0000e+00	0.0000e+00	4.5776e+01	1.1550e+00	5.8791e+00
	1097	0.0000e+00	0.0000e+00	0.0000e+00	4.1640e+01	2.2340e+00	3.2901e+00
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	3.7330e+01	1.1570e+01	2.7848e+00
	1106	0.0000e+00	0.0000e+00	0.0000e+00	4.0150e+01	1.2853e+01	5.0119e+00
	1107	0.0000e+00	0.0000e+00	0.0000e+00	4.2599e+01	8.2618e+00	5.6695e+00
	1096	0.0000e+00	0.0000e+00	0.0000e+00	3.8983e+01	8.1169e+00	3.4424e+00
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	3.5543e+01	1.5988e+01	9.7187e-01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	3.8062e+01	1.7902e+01	2.6237e+00
	1106	0.0000e+00	0.0000e+00	0.0000e+00	3.9883e+01	1.4457e+01	4.0179e+00
	1095	0.0000e+00	0.0000e+00	0.0000e+00	3.6765e+01	1.3343e+01	2.3661e+00
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	3.4494e+01	1.8608e+01	-1.3957e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	3.6616e+01	2.0822e+01	-3.6396e-01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	3.7810e+01	1.8902e+01	1.4288e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	3.5200e+01	1.7223e+01	3.9705e-01
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	3.4177e+01	1.8824e+01	-3.8656e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	3.5750e+01	2.0999e+01	-3.4550e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	3.6330e+01	2.1027e+01	-1.6002e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	3.4353e+01	1.9175e+01	-2.0109e+00
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	3.4702e+01	1.5938e+01	-5.8859e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	3.5232e+01	1.7592e+01	-6.0877e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	3.5341e+01	2.0200e+01	-4.5565e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	3.4222e+01	1.8529e+01	-4.3547e+00
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	3.4867e+01	9.2177e+00	-6.7156e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	3.6258e+01	9.6731e+00	-7.5836e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	3.4645e+01	1.5463e+01	-7.0553e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	3.4881e+01	1.4771e+01	-6.1874e+00
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	4.2541e+01	-7.3559e-01	-4.5540e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	2.8177e+01	-4.6426e+00	-4.8656e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	3.4504e+01	6.6231e+00	-6.1180e+00
	1090	0.0000e+00	0.0000e+00	0.0000e+00	3.5639e+01	5.4354e+00	-5.8063e+00
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	3.6213e+01	-3.6629e+00	4.4487e-01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	4.2358e+01	-4.6355e+00	1.4224e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	4.3366e+01	-6.5242e+00	5.9887e-01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	3.7006e+01	-5.7086e+00	-3.7868e-01
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	3.4951e+01	1.1298e+00	1.1698e+00
	1097	0.0000e+00	0.0000e+00	0.0000e+00	4.0152e+01	3.5971e-01	2.7806e+00
	1098	0.0000e+00	0.0000e+00	0.0000e+00	4.1900e+01	-3.3543e+00	1.6851e+00

	1087	0.0000e+00	0.0000e+00	0.0000e+00	3.6171e+01	-1.7458e+00	7.4376e-02
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	3.3650e+01	5.9854e+00	1.6783e+00
	1096	0.0000e+00	0.0000e+00	0.0000e+00	3.7900e+01	5.9992e+00	3.2866e+00
	1097	0.0000e+00	0.0000e+00	0.0000e+00	3.9892e+01	1.8124e+00	2.7192e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	3.4621e+01	3.0582e+00	1.1108e+00
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	3.2449e+01	1.0432e+01	1.2408e+00
	1095	0.0000e+00	0.0000e+00	0.0000e+00	3.6059e+01	1.1230e+01	2.6209e+00
	1096	0.0000e+00	0.0000e+00	0.0000e+00	3.7766e+01	7.3862e+00	2.8378e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	3.3284e+01	7.7132e+00	1.4577e+00
1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	3.1665e+01	1.4042e+01	3.8646e-02
	1094	0.0000e+00	0.0000e+00	0.0000e+00	3.4770e+01	1.5390e+01	9.8259e-01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	3.5982e+01	1.2373e+01	1.8329e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	3.2193e+01	1.1876e+01	8.8895e-01
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	3.1517e+01	1.6305e+01	-1.6142e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	3.4131e+01	1.7922e+01	-1.2452e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	3.4737e+01	1.6106e+01	-2.1637e-02
	1083	0.0000e+00	0.0000e+00	0.0000e+00	3.1591e+01	1.5066e+01	-3.9064e-01
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	3.2098e+01	1.6688e+01	-3.3300e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	3.4197e+01	1.8232e+01	-3.6126e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	3.4122e+01	1.8022e+01	-2.3249e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	3.1653e+01	1.6770e+01	-2.0423e+00
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	3.3498e+01	1.4629e+01	-4.6095e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	3.4894e+01	1.5638e+01	-5.5746e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	3.4160e+01	1.7518e+01	-4.5993e+00
	1081	0.0000e+00	0.0000e+00	0.0000e+00	3.2454e+01	1.6409e+01	-3.6342e+00
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	3.5297e+01	9.5010e+00	-4.9296e+00
	1090	0.0000e+00	0.0000e+00	0.0000e+00	3.6679e+01	9.6156e+00	-6.6252e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	3.4830e+01	1.3877e+01	-6.3730e+00
	1080	0.0000e+00	0.0000e+00	0.0000e+00	3.4022e+01	1.3444e+01	-4.6774e+00
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	4.0103e+01	2.3077e+00	-3.6736e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	3.4060e+01	-2.0896e-01	-4.7901e+00
	1090	0.0000e+00	0.0000e+00	0.0000e+00	3.5995e+01	6.9194e+00	-5.8012e+00
	1079	0.0000e+00	0.0000e+00	0.0000e+00	3.6111e+01	6.5984e+00	-4.6847e+00
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	2.7030e+01	-1.4233e+00	-4.1020e-01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	3.3467e+01	-3.8519e+00	2.8487e-01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	3.5360e+01	-6.3256e+00	-1.0169e-01
	13	0.0000e+00	0.0000e+00	0.0000e+00	2.6418e+01	-7.9149e+00	-7.9676e-01
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	2.8196e+01	2.2732e+00	8.5990e-01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	3.2372e+01	1.6087e+00	1.0591e+00
	1087	0.0000e+00	0.0000e+00	0.0000e+00	3.3285e+01	-2.2781e+00	-9.0897e-03
	215	0.0000e+00	0.0000e+00	0.0000e+00	2.7650e+01	-6.2321e-01	-2.0827e-01
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	2.8304e+01	6.1601e+00	1.0741e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	3.1718e+01	6.1300e+00	1.5741e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	3.2583e+01	2.5499e+00	1.0910e+00
	214	0.0000e+00	0.0000e+00	0.0000e+00	2.8360e+01	3.5688e+00	5.9103e-01
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	2.8196e+01	9.7838e+00	7.6212e-01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	3.1074e+01	1.0263e+01	1.2730e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	3.1876e+01	7.0700e+00	1.3353e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	2.8335e+01	7.4138e+00	8.2447e-01
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	2.8314e+01	1.2805e+01	2.2411e-02
	1083	0.0000e+00	0.0000e+00	0.0000e+00	3.0747e+01	1.3663e+01	2.5125e-01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	3.1226e+01	1.1088e+01	7.4339e-01
	212	0.0000e+00	0.0000e+00	0.0000e+00	2.8257e+01	1.0877e+01	5.1455e-01
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	2.8962e+01	1.4796e+01	-9.6388e-01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	3.0966e+01	1.5842e+01	-1.2259e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	3.0939e+01	1.4190e+01	-4.7535e-01
	211	0.0000e+00	0.0000e+00	0.0000e+00	2.8506e+01	1.3606e+01	-2.1337e-01
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	3.0265e+01	1.5300e+01	-1.9587e+00
	1081	0.0000e+00	0.0000e+00	0.0000e+00	3.1842e+01	1.6275e+01	-2.8098e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	3.1206e+01	1.5904e+01	-2.0217e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	2.9333e+01	1.5167e+01	-1.1706e+00
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	3.2209e+01	1.3880e+01	-2.6244e+00
	1080	0.0000e+00	0.0000e+00	0.0000e+00	3.3289e+01	1.4393e+01	-4.0333e+00

	1081	0.0000e+00	0.0000e+00	0.0000e+00	3.2084e+01	1.5737e+01	-3.5060e+00
	209	0.0000e+00	0.0000e+00	0.0000e+00	3.0819e+01	1.5105e+01	-2.0971e+00
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	3.3966e+01	1.0050e+01	-2.5081e+00
	1079	0.0000e+00	0.0000e+00	0.0000e+00	3.5669e+01	9.6113e+00	-4.3088e+00
	1080	0.0000e+00	0.0000e+00	0.0000e+00	3.3455e+01	1.3095e+01	-4.5042e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	3.2863e+01	1.3081e+01	-2.7036e+00
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	3.7589e+01	9.6155e-01	-1.5814e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	3.7383e+01	2.7994e+00	-4.0631e+00
	1079	0.0000e+00	0.0000e+00	0.0000e+00	3.5856e+01	6.8518e+00	-4.2186e+00
	207	0.0000e+00	0.0000e+00	0.0000e+00	3.4544e+01	9.0273e+00	-1.7369e+00
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	3.1273e+01	-3.9622e+00	3.7471e-01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	3.2208e+01	-1.4091e+00	-1.6659e+00
	20	0.0000e+00	0.0000e+00	0.0000e+00	2.5654e+01	-9.7023e+00	-2.0155e+00
	655	0.0000e+00	0.0000e+00	0.0000e+00	3.4084e+01	-6.3870e+00	2.5089e-02
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	3.3200e+01	-7.2752e-01	6.5758e-01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	3.5112e+01	-1.0443e+00	-8.1370e-01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	3.3685e+01	-2.7981e+00	-9.3466e-01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	3.1928e+01	-2.8512e+00	5.3663e-01
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	3.4291e+01	-5.5726e-02	3.3456e-01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	3.6370e+01	-2.6562e-01	-3.3469e-01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	3.5691e+01	-9.8198e-01	-5.0281e-01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	3.3742e+01	-8.2538e-01	1.6644e-01
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	3.4475e+01	-5.9402e-02	7.6905e-02
	1074	0.0000e+00	0.0000e+00	0.0000e+00	3.6571e+01	-2.3703e-01	5.7189e-02
	1075	0.0000e+00	0.0000e+00	0.0000e+00	3.6556e+01	-2.4129e-01	-1.0943e-01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	3.4454e+01	-5.5696e-02	-8.9709e-02
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	3.3821e+01	-8.2874e-01	-1.9083e-01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	3.5753e+01	-9.6549e-01	4.3846e-01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	3.6403e+01	-2.5772e-01	2.8076e-01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	3.4326e+01	-5.0659e-02	-3.4854e-01
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	3.2077e+01	-2.8602e+00	-5.8432e-01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	3.3788e+01	-2.7752e+00	8.4382e-01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	3.5191e+01	-1.0222e+00	7.4429e-01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	3.3295e+01	-7.2028e-01	-6.8385e-01
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	3.4399e+01	-6.3655e+00	-3.4191e-02
	19	0.0000e+00	0.0000e+00	0.0000e+00	2.5782e+01	-9.8149e+00	1.9254e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	3.2316e+01	-1.3512e+00	1.5547e+00
	1066	0.0000e+00	0.0000e+00	0.0000e+00	3.1461e+01	-3.9925e+00	-4.0488e-01
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	3.5453e+01	-3.5107e+00	1.5061e+00
	1071	0.0000e+00	0.0000e+00	0.0000e+00	3.2685e+01	-4.0510e+00	1.0943e+00
	655	0.0000e+00	0.0000e+00	0.0000e+00	3.2537e+01	-5.2114e+00	3.1202e-01
	644	0.0000e+00	0.0000e+00	0.0000e+00	3.4846e+01	-4.0463e+00	7.2372e-01
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	3.5448e+01	-1.7562e+00	1.2045e+00
	1070	0.0000e+00	0.0000e+00	0.0000e+00	3.3697e+01	-1.3909e+00	9.1128e-01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	3.3421e+01	-2.3255e+00	1.3333e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	3.5186e+01	-2.8801e+00	1.6264e+00
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	3.5638e+01	-8.8230e-01	5.3254e-01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	3.4404e+01	-3.4169e-01	2.5331e-01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	3.4002e+01	-7.7927e-01	8.3607e-01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	3.5528e+01	-1.5091e+00	1.1153e+00
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	3.5740e+01	-8.1811e-01	-2.5044e-01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	3.4539e+01	-1.8623e-01	-2.8284e-01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	3.4515e+01	-1.9105e-01	2.9105e-01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	3.5704e+01	-8.1025e-01	3.2345e-01
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	3.5668e+01	-1.5224e+00	-1.0469e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	3.4099e+01	-7.7424e-01	-8.3603e-01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	3.4451e+01	-3.4843e-01	-2.4695e-01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	3.5703e+01	-8.8442e-01	-4.5780e-01
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	3.5440e+01	-2.8809e+00	-1.5536e+00
	1066	0.0000e+00	0.0000e+00	0.0000e+00	3.3616e+01	-2.3188e+00	-1.3420e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	3.3819e+01	-1.4013e+00	-9.1782e-01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	3.5624e+01	-1.7640e+00	-1.1295e+00
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	3.5228e+01	-3.9866e+00	-6.2259e-01

	548	0.0000e+00	0.0000e+00	0.0000e+00	3.2828e+01	-5.1653e+00	-2.9411e-01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	3.2904e+01	-4.0682e+00	-1.0942e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	3.5754e+01	-3.5027e+00	-1.4227e+00
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	4.0389e+01	-3.3470e+00	1.9990e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	3.6293e+01	-3.0604e+00	1.3931e+00
	644	0.0000e+00	0.0000e+00	0.0000e+00	3.5873e+01	-3.5636e+00	1.4452e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	3.9698e+01	-3.3905e+00	2.0511e+00
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	4.0695e+01	-2.6145e+00	1.4355e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	3.6674e+01	-1.8042e+00	1.2796e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	3.6647e+01	-2.7184e+00	1.8343e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	4.0437e+01	-3.1172e+00	1.9901e+00
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	4.0783e+01	-1.9644e+00	5.8648e-01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	3.6949e+01	-1.0196e+00	5.0337e-01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	3.6870e+01	-1.4923e+00	1.3401e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	4.0710e+01	-2.3716e+00	1.4232e+00
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	4.0862e+01	-1.8813e+00	-3.4397e-01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	3.7062e+01	-8.9417e-01	-3.9544e-01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	3.7022e+01	-8.9989e-01	5.0424e-01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	4.0808e+01	-1.8741e+00	5.5571e-01
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	4.0921e+01	-2.3804e+00	-1.2094e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	3.7028e+01	-1.4906e+00	-1.2308e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	3.7025e+01	-1.0329e+00	-3.9408e-01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	4.0885e+01	-1.9670e+00	-3.7273e-01
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	4.0805e+01	-3.0985e+00	-1.7639e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	3.6931e+01	-2.7010e+00	-1.7154e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	3.6869e+01	-1.8160e+00	-1.1667e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	4.0956e+01	-2.6147e+00	-1.2152e+00
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	4.0226e+01	-3.2935e+00	-1.7979e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	3.6285e+01	-3.4785e+00	-1.2979e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	3.6616e+01	-3.0450e+00	-1.2614e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	4.0812e+01	-3.3093e+00	-1.7615e+00
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	4.7671e+01	-4.0284e+00	2.7590e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	4.2251e+01	-3.0543e+00	1.9747e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	4.1550e+01	-3.1613e+00	2.7666e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	4.6933e+01	-3.9134e+00	3.5509e+00
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	4.8115e+01	-3.5756e+00	1.6684e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	4.2713e+01	-2.5037e+00	1.4220e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	4.2523e+01	-2.9968e+00	2.3626e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	4.7853e+01	-3.9754e+00	2.6090e+00
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	4.8238e+01	-3.0355e+00	6.3500e-01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	4.2890e+01	-1.9460e+00	5.8160e-01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	4.2835e+01	-2.3167e+00	1.5863e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	4.8195e+01	-3.4174e+00	1.6397e+00
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	4.8357e+01	-2.9641e+00	-2.9847e-01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	4.2997e+01	-1.8535e+00	-3.7305e-01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	4.2937e+01	-1.8634e+00	6.3909e-01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	4.8280e+01	-2.9593e+00	7.1368e-01
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	4.8491e+01	-3.4176e+00	-1.2224e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	4.3068e+01	-2.3046e+00	-1.3171e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	4.3002e+01	-1.9608e+00	-3.1315e-01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	4.8383e+01	-3.0365e+00	-2.1839e-01
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	4.8365e+01	-3.9345e+00	-2.1811e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	4.2928e+01	-2.9525e+00	-2.0796e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	4.2998e+01	-2.5087e+00	-1.1445e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	4.8481e+01	-3.5653e+00	-1.2460e+00
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	4.7655e+01	-3.7737e+00	-3.0968e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	4.2127e+01	-3.0316e+00	-2.4527e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	4.2709e+01	-3.0128e+00	-1.6760e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	4.8254e+01	-3.9636e+00	-2.3202e+00
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	5.5721e+01	-5.6289e+00	3.5842e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	5.0170e+01	-3.9848e+00	2.7706e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	4.9298e+01	-3.9095e+00	4.2928e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	5.5100e+01	-5.5837e+00	5.1064e+00

1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	5.5978e+01	-4.8505e+00	1.7987e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	5.0609e+01	-3.5808e+00	1.6539e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	5.0357e+01	-3.9322e+00	3.0004e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	5.5964e+01	-5.5977e+00	3.1452e+00
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	5.5957e+01	-3.9939e+00	6.3405e-01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	5.0679e+01	-2.9941e+00	6.8534e-01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	5.0618e+01	-3.3377e+00	1.7509e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	5.6113e+01	-4.6609e+00	1.6996e+00
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	5.6126e+01	-3.8975e+00	-1.2109e-01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	5.0767e+01	-2.8691e+00	-2.2207e-01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	5.0684e+01	-2.8839e+00	7.1385e-01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	5.6024e+01	-3.8958e+00	8.1483e-01
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	5.6505e+01	-4.6546e+00	-1.0074e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	5.0940e+01	-3.3141e+00	-1.2581e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	5.0837e+01	-3.0099e+00	-1.9061e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	5.6148e+01	-3.9964e+00	6.0035e-02
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	5.6638e+01	-5.5381e+00	-2.4503e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	5.0913e+01	-3.8621e+00	-2.4972e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	5.1004e+01	-3.5784e+00	-1.1515e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	5.6461e+01	-4.8360e+00	-1.1046e+00
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	5.6044e+01	-5.3979e+00	-4.3920e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	5.0082e+01	-3.7323e+00	-3.7599e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	5.0797e+01	-3.9184e+00	-2.2503e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	5.6488e+01	-5.5439e+00	-2.8824e+00
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	6.1634e+01	-8.3985e+00	4.1007e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	5.8221e+01	-6.0509e+00	3.5217e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	5.7340e+01	-5.9543e+00	5.8931e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	6.1452e+01	-8.7764e+00	6.4721e+00
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	6.1214e+01	-6.3950e+00	1.4382e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	5.8257e+01	-5.1741e+00	1.7720e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	5.8190e+01	-5.7442e+00	3.4392e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	6.1893e+01	-8.1578e+00	3.1054e+00
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	6.0744e+01	-4.5342e+00	4.0586e-01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	5.7943e+01	-4.0556e+00	7.9406e-01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	5.8022e+01	-4.6148e+00	1.6165e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	6.1378e+01	-5.9292e+00	1.2283e+00
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	6.0953e+01	-4.3148e+00	2.9036e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	5.7963e+01	-3.7972e+00	1.6340e-01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	5.7855e+01	-3.8145e+00	6.3129e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	6.0828e+01	-4.3169e+00	7.5825e-01
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	6.1858e+01	-5.9222e+00	-1.8630e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	5.8441e+01	-4.5866e+00	-8.2548e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	5.8149e+01	-4.0742e+00	2.8342e-03
	1038	0.0000e+00	0.0000e+00	0.0000e+00	6.0977e+01	-4.5444e+00	6.4201e-01
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	6.2719e+01	-8.0911e+00	-2.0737e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	5.8910e+01	-5.6580e+00	-2.6478e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	5.8773e+01	-5.1708e+00	-9.7304e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	6.1803e+01	-6.3887e+00	-3.9894e-01
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	6.2600e+01	-8.5514e+00	-5.4391e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	5.8349e+01	-5.7330e+00	-5.0814e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	5.9033e+01	-5.9674e+00	-2.7142e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	6.2572e+01	-8.3094e+00	-3.0719e+00
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	6.0838e+01	-1.2851e+01	3.6727e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	6.3199e+01	-9.6771e+00	3.7787e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	6.2573e+01	-9.8553e+00	7.3109e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	6.1658e+01	-1.4382e+01	7.2049e+00
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	5.9155e+01	-7.9375e+00	9.8094e-03
	1040	0.0000e+00	0.0000e+00	0.0000e+00	6.2170e+01	-7.2462e+00	1.3640e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	6.2653e+01	-8.6866e+00	3.1158e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	6.1157e+01	-1.1814e+01	1.7615e+00
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	5.8051e+01	-4.0499e+00	-2.2973e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	6.1024e+01	-4.7570e+00	7.4419e-01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	6.1477e+01	-6.0029e+00	7.2537e-01

	1034	0.0000e+00	0.0000e+00	0.0000e+00	5.9385e+01	-6.6690e+00	-2.4856e-01
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	5.8299e+01	-3.4966e+00	1.0727e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	6.0905e+01	-4.2435e+00	9.2911e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	6.0777e+01	-4.2577e+00	2.4172e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	5.8164e+01	-3.5061e+00	3.8529e-01
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	5.9911e+01	-6.6644e+00	1.6993e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	6.1976e+01	-5.9829e+00	4.3819e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	6.1270e+01	-4.7801e+00	4.2660e-01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	5.8303e+01	-4.0733e+00	1.6877e+00
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	6.2070e+01	-1.1762e+01	-3.3348e-01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	6.3515e+01	-8.6048e+00	-1.9675e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	6.2788e+01	-7.2536e+00	-1.9845e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	5.9799e+01	-7.9532e+00	1.4355e+00
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	6.2924e+01	-1.4146e+01	-5.8103e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	6.3777e+01	-9.6083e+00	-6.1665e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	6.4174e+01	-9.5957e+00	-2.6206e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	6.1873e+01	-1.2788e+01	-2.2645e+00
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	4.6271e+01	-1.9685e+01	1.3814e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	6.0216e+01	-1.5594e+01	2.8627e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	6.0290e+01	-1.6795e+01	8.0990e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	4.8915e+01	-2.4119e+01	6.6177e+00
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	4.3434e+01	-8.3985e+00	-2.7373e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	5.7090e+01	-9.3501e+00	5.9324e-02
	1035	0.0000e+00	0.0000e+00	0.0000e+00	5.8581e+01	-1.3035e+01	1.1371e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	4.7074e+01	-1.6336e+01	-1.6595e+00
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	4.2588e+01	-1.7283e+00	-9.3566e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	5.4827e+01	-4.2962e+00	3.7720e-01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	5.5906e+01	-7.0603e+00	-1.3373e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	4.3918e+01	-5.8906e+00	-2.6502e+00
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	4.2909e+01	-7.6197e-01	2.1754e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	5.4636e+01	-3.4895e+00	2.0403e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	5.4503e+01	-3.4935e+00	-4.5222e-01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	4.2794e+01	-7.8743e-01	-3.1705e-01
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	4.4379e+01	-5.8734e+00	4.5158e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	5.6427e+01	-7.0616e+00	2.9255e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	5.5078e+01	-4.3180e+00	1.2073e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	4.2809e+01	-1.7605e+00	2.7976e+00
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	4.7916e+01	-1.6316e+01	3.5142e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	5.9494e+01	-1.2990e+01	4.2476e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	5.7740e+01	-9.3768e+00	1.5187e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	4.4002e+01	-8.4352e+00	4.6082e+00
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	5.0096e+01	-2.3932e+01	-4.8511e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	6.1580e+01	-1.6569e+01	-6.5890e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	6.1266e+01	-1.5552e+01	-1.3066e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	4.7222e+01	-1.9704e+01	4.3128e-01
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	5.1087e+00	-3.1766e+01	-3.2843e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	4.1771e+01	-2.4701e+01	-3.7266e-01
	578	0.0000e+00	0.0000e+00	0.0000e+00	4.2533e+01	-2.9352e+01	7.6610e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	9.6894e+00	-3.9800e+01	4.7493e+00
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	7.8899e+00	-1.0540e+01	-3.4348e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	3.6156e+01	-9.2479e+00	-2.1270e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	3.6976e+01	-1.8869e+01	-4.2568e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	9.4699e+00	-1.2934e+01	-5.5645e+00
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.0467e+01	3.6871e-01	-3.5296e-03
	1027	0.0000e+00	0.0000e+00	0.0000e+00	3.4424e+01	-1.7170e+00	-1.9878e-01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	3.4986e+01	-6.9980e+00	-4.0094e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	9.5469e+00	-7.7666e-01	-3.8141e+00
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.1131e+01	3.3654e+00	3.0707e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	3.4354e+01	-1.0266e+00	2.9850e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	3.4250e+01	-1.0181e+00	-1.0186e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.1078e+01	3.3178e+00	-9.3290e-01
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	9.7675e+00	-7.0242e-01	5.9846e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	3.5395e+01	-7.0163e+00	6.0020e+00

	1026	0.0000e+00	0.0000e+00	0.0000e+00	3.4613e+01	-1.7158e+00	2.1611e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.0582e+01	3.4365e-01	2.1436e+00
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	9.9144e+00	-1.2864e+01	7.7835e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	3.7714e+01	-1.8895e+01	6.2640e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	3.6670e+01	-9.2631e+00	4.1016e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	8.1700e+00	-1.0580e+01	5.6211e+00
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	1.0338e+01	-3.9865e+01	-2.6743e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	4.3672e+01	-2.9244e+01	-5.8113e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	4.2681e+01	-2.4765e+01	2.3380e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	5.5729e+00	-3.1910e+01	5.4750e+00
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	-6.1400e+01	3.3396e+01	1.3491e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-2.4560e+01	-3.3113e+01	8.7659e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	2.0995e+01	-5.0257e+01	1.3847e+00
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.1562e+02	-1.0068e+02	6.1096e+00
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	-4.5568e+01	2.5113e+01	7.6469e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-1.4390e+01	-7.2101e+00	2.3348e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-1.1005e+01	-2.1542e+01	1.9134e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-5.8700e+01	-5.2947e+01	7.2254e+00
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	-3.8196e+01	1.6599e+01	4.1188e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-7.2373e+00	6.5433e-01	1.6289e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-5.6215e+00	-5.1242e+00	1.7804e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-4.4380e+01	-2.1399e+01	4.2703e+00
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	-3.7839e+01	1.3937e+00	1.0201e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-4.4100e+00	1.4885e+00	1.0259e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-4.4329e+00	1.5055e+00	1.1577e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-3.7805e+01	1.3130e+00	1.1519e+00
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	-4.4529e+01	-2.1325e+01	-2.0901e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-5.5276e+00	-5.1293e+00	4.2124e-01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-7.1917e+00	6.9930e-01	5.5738e-01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-3.8257e+01	1.6598e+01	-1.9539e+00
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	-5.9040e+01	-5.2994e+01	-5.0335e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-1.0872e+01	-2.1610e+01	3.3591e-01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-1.4304e+01	-7.1426e+00	-1.2322e-01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-4.5755e+01	2.5242e+01	-5.4927e+00
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.1705e+02	-1.0097e+02	-3.8867e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	2.1906e+01	-5.0482e+01	9.4393e-01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-2.4451e+01	-3.3252e+01	-6.6108e+00
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-6.1830e+01	3.3705e+01	-1.1441e+01
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	3.1483e+01	-3.9078e+00	4.2792e-01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	3.2374e+01	-1.3349e+00	-1.5373e+00
	15	0.0000e+00	0.0000e+00	0.0000e+00	2.5890e+01	-9.5916e+00	-1.8625e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	3.4361e+01	-6.3097e+00	1.0268e-01
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.3329e+01	-6.9660e-01	6.9800e-01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	3.5221e+01	-9.9814e-01	-7.2793e-01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	3.3824e+01	-2.7253e+00	-8.2857e-01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	3.2110e+01	-2.8074e+00	5.9736e-01
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	3.4364e+01	-4.3813e-02	3.6404e-01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	3.6430e+01	-2.4702e-01	-2.6746e-01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	3.5781e+01	-9.4277e-01	-4.2394e-01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.3854e+01	-8.0484e-01	2.0756e-01
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	3.4499e+01	-6.5587e-02	1.0239e-01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	3.6584e+01	-2.4358e-01	1.1764e-01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	3.6598e+01	-2.3064e-01	-4.5056e-02
	1003	0.0000e+00	0.0000e+00	0.0000e+00	3.4513e+01	-5.3963e-02	-6.0304e-02
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.3798e+01	-8.5544e-01	-1.6064e-01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	3.5721e+01	-9.9942e-01	5.0285e-01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	3.6399e+01	-2.7471e-01	3.4189e-01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	3.4337e+01	-6.7802e-02	-3.2160e-01
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	3.2017e+01	-2.9075e+00	-5.3841e-01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	3.3704e+01	-2.8408e+00	9.2237e-01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	3.5142e+01	-1.0713e+00	8.1260e-01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.3259e+01	-7.6526e-01	-6.4817e-01
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	3.4185e+01	-6.4039e+00	5.2851e-02



	14	0.0000e+00	0.0000e+00	0.0000e+00	2.5794e+01	-9.8823e+00	2.0338e+00
	1006	0.0000e+00	0.0000e+00	0.0000e+00	3.2221e+01	-1.4708e+00	1.6197e+00
	1000	0.0000e+00	0.0000e+00	0.0000e+00	3.1393e+01	-4.0464e+00	-3.6127e-01
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	3.5757e+01	-3.4570e+00	1.4535e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	3.2915e+01	-3.9990e+00	1.1243e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	3.2843e+01	-5.1277e+00	3.3395e-01
	410	0.0000e+00	0.0000e+00	0.0000e+00	3.5225e+01	-3.9467e+00	6.6310e-01
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	3.5648e+01	-1.7336e+00	1.1602e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.3847e+01	-1.3680e+00	9.3243e-01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	3.3625e+01	-2.2761e+00	1.3587e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	3.5452e+01	-2.8398e+00	1.5865e+00
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	3.5750e+01	-8.7574e-01	4.8925e-01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	3.4490e+01	-3.3697e-01	2.6505e-01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.4130e+01	-7.5416e-01	8.5336e-01
	998	0.0000e+00	0.0000e+00	0.0000e+00	3.5698e+01	-1.4979e+00	1.0776e+00
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	3.5771e+01	-8.2279e-01	-2.9354e-01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	3.4567e+01	-1.9779e-01	-2.7489e-01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	3.4581e+01	-1.8411e-01	3.0103e-01
	997	0.0000e+00	0.0000e+00	0.0000e+00	3.5791e+01	-8.1463e-01	2.8238e-01
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	3.5616e+01	-1.5408e+00	-1.0880e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.4070e+01	-8.0603e-01	-8.2434e-01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	3.4459e+01	-3.5786e-01	-2.3830e-01
	996	0.0000e+00	0.0000e+00	0.0000e+00	3.5710e+01	-9.0065e-01	-5.0196e-01
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	3.5290e+01	-2.9205e+00	-1.5937e+00
	1000	0.0000e+00	0.0000e+00	0.0000e+00	3.3516e+01	-2.3776e+00	-1.3176e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.3768e+01	-1.4292e+00	-9.0062e-01
	995	0.0000e+00	0.0000e+00	0.0000e+00	3.5544e+01	-1.7954e+00	-1.1767e+00
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	3.4952e+01	-4.0727e+00	-6.9466e-01
	314	0.0000e+00	0.0000e+00	0.0000e+00	3.2624e+01	-5.2275e+00	-2.7699e-01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	3.2784e+01	-4.1031e+00	-1.0606e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	3.5559e+01	-3.5496e+00	-1.4783e+00
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	4.0822e+01	-3.2654e+00	1.8106e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	3.6623e+01	-3.0011e+00	1.3030e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	3.6289e+01	-3.4410e+00	1.3362e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	4.0224e+01	-3.2493e+00	1.8439e+00
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	4.0986e+01	-2.5830e+00	1.2700e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	3.6895e+01	-1.7850e+00	1.2045e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	3.6943e+01	-2.6608e+00	1.7523e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	4.0819e+01	-3.0571e+00	1.8178e+00
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	4.0942e+01	-1.9572e+00	4.3054e-01
	997	0.0000e+00	0.0000e+00	0.0000e+00	3.7073e+01	-1.0214e+00	4.3164e-01
	998	0.0000e+00	0.0000e+00	0.0000e+00	3.7060e+01	-1.4674e+00	1.2680e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	4.0957e+01	-2.3548e+00	1.2669e+00
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	4.0893e+01	-1.8889e+00	-4.9886e-01
	996	0.0000e+00	0.0000e+00	0.0000e+00	3.7094e+01	-9.1005e-01	-4.6801e-01
	997	0.0000e+00	0.0000e+00	0.0000e+00	3.7118e+01	-8.9250e-01	4.3344e-01
	991	0.0000e+00	0.0000e+00	0.0000e+00	4.0927e+01	-1.8788e+00	4.0258e-01
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	4.0820e+01	-2.4077e+00	-1.3714e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	3.6964e+01	-1.5231e+00	-1.3069e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	3.7028e+01	-1.0388e+00	-4.6644e-01
	990	0.0000e+00	0.0000e+00	0.0000e+00	4.0875e+01	-1.9864e+00	-5.3092e-01
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	4.0562e+01	-3.1650e+00	-1.9481e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	3.6756e+01	-2.7589e+00	-1.8034e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	3.6774e+01	-1.8404e+00	-1.2432e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	4.0810e+01	-2.6556e+00	-1.3879e+00
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	3.9828e+01	-3.4371e+00	-2.0289e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	3.5979e+01	-3.5921e+00	-1.4219e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	3.6406e+01	-3.0992e+00	-1.3574e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	4.0515e+01	-3.3948e+00	-1.9644e+00
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	4.8266e+01	-3.9065e+00	2.3903e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	4.2717e+01	-2.9651e+00	1.7338e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	4.2126e+01	-2.9849e+00	2.4990e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	4.7652e+01	-3.7117e+00	3.1556e+00

1614	986	0.0000e+00	0.0000e+00	0.0000e+00	4.8518e+01	-3.5260e+00	1.3307e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	4.3029e+01	-2.4739e+00	1.2088e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	4.2942e+01	-2.9100e+00	2.1370e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	4.8381e+01	-3.8815e+00	2.2589e+00
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	4.8453e+01	-3.0249e+00	3.1061e-01
	991	0.0000e+00	0.0000e+00	0.0000e+00	4.3062e+01	-1.9484e+00	3.8000e-01
	992	0.0000e+00	0.0000e+00	0.0000e+00	4.3107e+01	-2.2791e+00	1.3815e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	4.8535e+01	-3.3859e+00	1.3121e+00
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	4.8384e+01	-2.9800e+00	-6.2312e-01
	990	0.0000e+00	0.0000e+00	0.0000e+00	4.3027e+01	-1.8768e+00	-5.7473e-01
	991	0.0000e+00	0.0000e+00	0.0000e+00	4.3066e+01	-1.8523e+00	4.4033e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	4.8434e+01	-2.9620e+00	3.9194e-01
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	4.8330e+01	-3.4680e+00	-1.5613e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	4.2952e+01	-2.3532e+00	-1.5304e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	4.2989e+01	-1.9702e+00	-5.1664e-01
	984	0.0000e+00	0.0000e+00	0.0000e+00	4.8350e+01	-3.0655e+00	-5.4751e-01
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	4.8008e+01	-4.0470e+00	-2.5538e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	4.2658e+01	-3.0472e+00	-2.3217e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	4.2837e+01	-2.5483e+00	-1.3655e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	4.8255e+01	-3.6330e+00	-1.5976e+00
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	4.7096e+01	-3.9934e+00	-3.5294e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	4.1688e+01	-3.2135e+00	-2.7484e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	4.2390e+01	-3.1078e+00	-1.9341e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	4.7827e+01	-4.1032e+00	-2.7151e+00
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	5.6498e+01	-5.4607e+00	2.9788e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	5.0804e+01	-3.8542e+00	2.3304e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	5.0077e+01	-3.6639e+00	3.8205e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	5.6036e+01	-5.3059e+00	4.4689e+00
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	5.6503e+01	-4.7802e+00	1.2259e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	5.1039e+01	-3.5333e+00	1.2478e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	5.0928e+01	-3.8051e+00	2.5798e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	5.6654e+01	-5.4620e+00	2.5580e+00
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	5.6229e+01	-3.9804e+00	7.4447e-02
	985	0.0000e+00	0.0000e+00	0.0000e+00	5.0908e+01	-2.9948e+00	2.9411e-01
	986	0.0000e+00	0.0000e+00	0.0000e+00	5.0986e+01	-3.2810e+00	1.3559e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	5.6554e+01	-4.6101e+00	1.1363e+00
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	5.6147e+01	-3.9265e+00	-6.8259e-01
	984	0.0000e+00	0.0000e+00	0.0000e+00	5.0793e+01	-2.9040e+00	-6.1407e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	5.0850e+01	-2.8687e+00	3.2599e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	5.6215e+01	-3.8955e+00	2.5748e-01
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	5.6273e+01	-4.7373e+00	-1.5870e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	5.0761e+01	-3.3911e+00	-1.6671e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	5.0800e+01	-3.0289e+00	-5.8646e-01
	978	0.0000e+00	0.0000e+00	0.0000e+00	5.6087e+01	-4.0386e+00	-5.0640e-01
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	5.6151e+01	-5.7098e+00	-3.0699e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	5.0525e+01	-4.0103e+00	-2.9448e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	5.0762e+01	-3.6465e+00	-1.5727e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	5.6144e+01	-4.9384e+00	-1.6977e+00
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	5.5300e+01	-5.7138e+00	-5.0820e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	4.9474e+01	-3.9998e+00	-4.2754e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	5.0344e+01	-4.0697e+00	-2.7193e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	5.5910e+01	-5.7482e+00	-3.5259e+00
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	6.2579e+01	-8.1857e+00	3.1987e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	5.9035e+01	-5.8737e+00	2.8222e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	5.8337e+01	-5.6300e+00	5.1601e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	6.2586e+01	-8.4145e+00	5.5365e+00
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	6.1846e+01	-6.3063e+00	5.6297e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	5.8809e+01	-5.1067e+00	1.1077e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	5.8922e+01	-5.5743e+00	2.7611e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	6.2732e+01	-7.9791e+00	2.2163e+00
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	6.1064e+01	-4.5201e+00	-4.5800e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	5.8228e+01	-4.0542e+00	1.4493e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	5.8490e+01	-4.5386e+00	9.6352e-01

	974	0.0000e+00	0.0000e+00	0.0000e+00	6.1908e+01	-5.8572e+00	3.6059e-01
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	6.0961e+01	-4.3610e+00	-5.7605e-01
	978	0.0000e+00	0.0000e+00	0.0000e+00	5.7980e+01	-3.8461e+00	-4.8768e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	5.8057e+01	-3.7968e+00	-1.5252e-02
	973	0.0000e+00	0.0000e+00	0.0000e+00	6.1047e+01	-4.3118e+00	-1.0363e-01
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	6.1555e+01	-6.0430e+00	-1.0727e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	5.8190e+01	-4.6976e+00	-1.4966e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	5.8084e+01	-4.1078e+00	-6.5350e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	6.0884e+01	-4.6004e+00	-2.2955e-01
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	6.2104e+01	-8.3301e+00	-3.0024e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	5.8391e+01	-5.8683e+00	-3.3625e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	5.8439e+01	-5.2752e+00	-1.6586e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	6.1396e+01	-6.5281e+00	-1.2985e+00
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	6.1679e+01	-8.9796e+00	-6.4427e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	5.7553e+01	-6.1014e+00	-5.8738e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	5.8430e+01	-6.1862e+00	-3.4538e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	6.1846e+01	-8.5837e+00	-4.0226e+00
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	6.1879e+01	-1.2607e+01	2.4228e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	6.4169e+01	-9.4577e+00	2.7600e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	6.3758e+01	-9.4544e+00	6.2647e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	6.2909e+01	-1.3946e+01	5.9275e+00
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	5.9839e+01	-7.8331e+00	-1.2262e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	6.2821e+01	-7.1607e+00	3.7650e-01
	975	0.0000e+00	0.0000e+00	0.0000e+00	6.3521e+01	-8.4802e+00	2.1156e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	6.2079e+01	-1.1599e+01	5.1294e-01
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	5.8384e+01	-4.0354e+00	-1.4518e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	6.1349e+01	-4.7521e+00	-2.2862e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	6.2024e+01	-5.9110e+00	-2.5442e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	5.9955e+01	-6.5714e+00	-1.4777e+00
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	5.8289e+01	-3.5639e+00	-1.4979e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	6.0908e+01	-4.3054e+00	-4.6744e-02
	973	0.0000e+00	0.0000e+00	0.0000e+00	6.1001e+01	-4.2408e+00	-7.3067e-01
	967	0.0000e+00	0.0000e+00	0.0000e+00	5.8384e+01	-3.4914e+00	-8.3371e-01
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	5.9555e+01	-6.8293e+00	4.5368e-01
	971	0.0000e+00	0.0000e+00	0.0000e+00	6.1657e+01	-6.1282e+00	-5.6031e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	6.1172e+01	-4.8322e+00	-5.5500e-01
	966	0.0000e+00	0.0000e+00	0.0000e+00	5.8179e+01	-4.1427e+00	4.5899e-01
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	6.1363e+01	-1.2069e+01	-1.6232e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	6.2875e+01	-8.8783e+00	-3.0105e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	6.2367e+01	-7.3981e+00	-1.2109e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	5.9326e+01	-8.1304e+00	1.7633e-01
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	6.1885e+01	-1.4690e+01	-7.1690e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	6.2811e+01	-1.0085e+01	-7.2884e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	6.3432e+01	-9.8868e+00	-3.6887e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	6.1044e+01	-1.3129e+01	-3.5693e+00
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	4.7237e+01	-1.9447e+01	-2.4482e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	6.1255e+01	-1.5352e+01	1.4768e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	6.1559e+01	-1.6343e+01	6.7041e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	5.0093e+01	-2.3643e+01	4.9824e+00
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	4.4042e+01	-8.2731e+00	-4.3597e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	5.7766e+01	-9.2454e+00	-1.2987e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	5.9496e+01	-1.2808e+01	-2.4081e-01
	963	0.0000e+00	0.0000e+00	0.0000e+00	4.7929e+01	-1.6087e+01	-3.3018e+00
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	4.2870e+01	-1.7090e+00	-2.5222e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	5.5148e+01	-4.2795e+00	-9.6153e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	5.6466e+01	-6.9566e+00	-2.6962e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	4.4416e+01	-5.7453e+00	-4.2569e+00
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	4.2877e+01	-8.5980e-01	5.9349e-01
	966	0.0000e+00	0.0000e+00	0.0000e+00	5.4617e+01	-3.5606e+00	6.9798e-01
	967	0.0000e+00	0.0000e+00	0.0000e+00	5.4718e+01	-3.4804e+00	-1.7935e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	4.2967e+01	-7.4968e-01	-1.8980e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	4.4024e+01	-6.1017e+00	2.8991e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	5.6066e+01	-7.2397e+00	1.5526e+00

	966	0.0000e+00	0.0000e+00	0.0000e+00	5.4954e+01	-4.3962e+00	-1.4025e-01
	960	0.0000e+00	0.0000e+00	0.0000e+00	4.2665e+01	-1.8438e+00	1.2063e+00
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	4.7214e+01	-1.6697e+01	1.8391e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	5.8786e+01	-1.3319e+01	-9.9461e-01
	965	0.0000e+00	0.0000e+00	0.0000e+00	5.7267e+01	-9.5661e+00	1.3628e-01
	959	0.0000e+00	0.0000e+00	0.0000e+00	4.3534e+01	-8.6540e+00	2.9700e+00
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	4.9074e+01	-2.4579e+01	-6.5740e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	6.0518e+01	-1.7145e+01	-8.0730e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	6.0438e+01	-1.5909e+01	-2.7459e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	4.6403e+01	-2.0088e+01	-1.2468e+00
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	5.6442e+00	-3.1534e+01	-5.2693e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	4.2679e+01	-2.4481e+01	-2.1391e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	4.3669e+01	-2.8917e+01	5.9363e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	1.0397e+01	-3.9468e+01	2.8061e+00
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	8.2253e+00	-1.0341e+01	-5.3609e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	3.6695e+01	-9.0930e+00	-3.8487e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	3.7734e+01	-1.8640e+01	-6.0431e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	9.9613e+00	-1.2608e+01	-7.5553e+00
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	1.0610e+01	4.4455e-01	-1.8652e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	3.4656e+01	-1.6691e+00	-1.8824e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	3.5433e+01	-6.8716e+00	-5.7369e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	9.8020e+00	-5.8229e-01	-5.7197e+00
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	1.1075e+01	3.2744e+00	1.2109e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	3.4304e+01	-1.1063e+00	1.2999e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	3.4405e+01	-1.0059e+00	-2.7050e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	1.1137e+01	3.3440e+00	-2.7939e+00
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	9.5085e+00	-9.7999e-01	4.0716e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	3.5056e+01	-7.2364e+00	4.2686e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	3.4488e+01	-1.8342e+00	4.6976e-01
	950	0.0000e+00	0.0000e+00	0.0000e+00	1.0438e+01	1.9080e-01	2.7283e-01
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	9.4178e+00	-1.3326e+01	5.7728e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	3.7069e+01	-1.9271e+01	4.4539e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	3.6244e+01	-9.5216e+00	2.3608e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	7.8236e+00	-1.0903e+01	3.6797e+00
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	9.6256e+00	-4.0457e+01	-4.7022e+00
	244	0.0000e+00	0.0000e+00	0.0000e+00	4.2667e+01	-2.9878e+01	-7.6313e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	4.1906e+01	-2.5159e+01	5.2604e-01
	946	0.0000e+00	0.0000e+00	0.0000e+00	5.0123e+00	-3.2362e+01	3.4551e+00
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	-6.1665e+01	3.3725e+01	1.1576e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-2.4325e+01	-3.2867e+01	6.7443e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	2.1855e+01	-5.0026e+01	-8.3220e-01
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1671e+02	-1.0010e+02	3.9998e+00
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	-4.5694e+01	2.5120e+01	5.6638e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-1.4207e+01	-6.9315e+00	3.1320e-01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.0839e+01	-2.1298e+01	-1.6411e-01
	957	0.0000e+00	0.0000e+00	0.0000e+00	-5.8880e+01	-5.2309e+01	5.1864e+00
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	-3.8302e+01	1.6311e+01	2.1354e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-7.1412e+00	7.6306e-01	-3.5184e-01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-5.5340e+00	-4.9659e+00	-2.2174e-01
	955	0.0000e+00	0.0000e+00	0.0000e+00	-4.4473e+01	-2.0797e+01	2.2655e+00
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-3.7965e+01	8.2870e-01	-9.8096e-01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-4.4340e+00	1.4125e+00	-9.5946e-01
	952	0.0000e+00	0.0000e+00	0.0000e+00	-4.4691e+00	1.5022e+00	-8.2055e-01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-3.7890e+01	1.7832e+00	-8.4205e-01
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-4.4667e+01	-2.2127e+01	-4.1327e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	-5.6789e+00	-5.3946e+00	-1.6128e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	-7.3599e+00	5.0662e-01	-1.4398e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	-3.8362e+01	1.6862e+01	-3.9598e+00
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-5.9136e+01	-5.3976e+01	-7.1452e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.1127e+01	-2.2033e+01	-1.7975e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	-1.4589e+01	-7.5390e+00	-2.1848e+00
	949	0.0000e+00	0.0000e+00	0.0000e+00	-4.5862e+01	2.5248e+01	-7.5325e+00
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1650e+02	-1.0210e+02	-6.0914e+00

	234	0.0000e+00	0.0000e+00	0.0000e+00	2.1101e+01	-5.1025e+01	-1.3443e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	-2.4838e+01	-3.3729e+01	-8.7213e+00
	947	0.0000e+00	0.0000e+00	0.0000e+00	-6.1851e+01	3.3427e+01	-1.3468e+01
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	2.9149e+01	-3.8843e+00	7.2033e-01
	945	0.0000e+00	0.0000e+00	0.0000e+00	3.0056e+01	-1.3582e+00	-7.5044e-01
	18	0.0000e+00	0.0000e+00	0.0000e+00	2.4039e+01	-1.0252e+01	-1.1541e+00
	538	0.0000e+00	0.0000e+00	0.0000e+00	3.2214e+01	-6.9215e+00	3.1672e-01
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	3.0704e+01	-3.4335e-02	9.6106e-01
	944	0.0000e+00	0.0000e+00	0.0000e+00	3.2285e+01	-1.8713e-01	5.6700e-04
	945	0.0000e+00	0.0000e+00	0.0000e+00	3.1342e+01	-2.5813e+00	-9.5037e-02
	938	0.0000e+00	0.0000e+00	0.0000e+00	2.9719e+01	-2.5435e+00	8.6545e-01
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	3.1469e+01	1.4781e+00	5.0278e-01
	943	0.0000e+00	0.0000e+00	0.0000e+00	3.3159e+01	1.5370e+00	1.4727e-01
	944	0.0000e+00	0.0000e+00	0.0000e+00	3.2802e+01	1.5942e-01	1.6221e-01
	937	0.0000e+00	0.0000e+00	0.0000e+00	3.1113e+01	1.8861e-01	5.1772e-01
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	3.1771e+01	2.2644e+00	7.2253e-02
	942	0.0000e+00	0.0000e+00	0.0000e+00	3.3445e+01	2.4140e+00	-2.9485e-02
	943	0.0000e+00	0.0000e+00	0.0000e+00	3.3383e+01	1.7866e+00	7.9875e-02
	936	0.0000e+00	0.0000e+00	0.0000e+00	3.1629e+01	1.7182e+00	1.8161e-01
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	3.1829e+01	2.1965e+00	-3.4940e-01
	941	0.0000e+00	0.0000e+00	0.0000e+00	3.3461e+01	2.3465e+00	-3.4418e-01
	942	0.0000e+00	0.0000e+00	0.0000e+00	3.3488e+01	2.4775e+00	-2.0472e-01
	935	0.0000e+00	0.0000e+00	0.0000e+00	3.1813e+01	2.3495e+00	-2.0994e-01
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	3.1626e+01	1.1633e+00	-7.4920e-01
	940	0.0000e+00	0.0000e+00	0.0000e+00	3.3089e+01	1.2622e+00	-5.5790e-01
	941	0.0000e+00	0.0000e+00	0.0000e+00	3.3334e+01	2.2041e+00	-4.5905e-01
	934	0.0000e+00	0.0000e+00	0.0000e+00	3.1765e+01	2.1060e+00	-6.5034e-01
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	3.0714e+01	-1.2138e+00	-1.1736e+00
	939	0.0000e+00	0.0000e+00	0.0000e+00	3.1997e+01	-1.1042e+00	-5.0726e-01
	940	0.0000e+00	0.0000e+00	0.0000e+00	3.2697e+01	9.6542e-01	-4.8214e-01
	933	0.0000e+00	0.0000e+00	0.0000e+00	3.1351e+01	1.0250e+00	-1.1485e+00
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	3.3714e+01	-5.2737e+00	-5.5933e-01
	17	0.0000e+00	0.0000e+00	0.0000e+00	2.5622e+01	-8.7200e+00	3.9138e-01
	939	0.0000e+00	0.0000e+00	0.0000e+00	3.0875e+01	5.3851e-02	-1.9287e-02
	932	0.0000e+00	0.0000e+00	0.0000e+00	3.0369e+01	-2.5740e+00	-9.6999e-01
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	3.3407e+01	-3.5544e+00	1.2172e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	3.0513e+01	-3.9715e+00	1.3052e+00
	538	0.0000e+00	0.0000e+00	0.0000e+00	3.0841e+01	-5.6887e+00	4.7539e-01
	527	0.0000e+00	0.0000e+00	0.0000e+00	3.3256e+01	-4.4519e+00	3.8731e-01
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	3.2878e+01	-8.8318e-01	1.0319e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	3.1118e+01	-5.8654e-01	1.1079e+00
	938	0.0000e+00	0.0000e+00	0.0000e+00	3.1182e+01	-2.1023e+00	1.5153e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	3.2967e+01	-2.6176e+00	1.4393e+00
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	3.2804e+01	8.3677e-01	5.5547e-01
	936	0.0000e+00	0.0000e+00	0.0000e+00	3.1556e+01	1.2325e+00	5.0791e-01
	937	0.0000e+00	0.0000e+00	0.0000e+00	3.1345e+01	1.9555e-01	1.0041e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	3.2919e+01	-3.9776e-01	1.0517e+00
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	3.2929e+01	1.6904e+00	8.3114e-02
	935	0.0000e+00	0.0000e+00	0.0000e+00	3.1786e+01	2.1049e+00	1.4487e-02
	936	0.0000e+00	0.0000e+00	0.0000e+00	3.1681e+01	1.5955e+00	4.5953e-01
	929	0.0000e+00	0.0000e+00	0.0000e+00	3.2897e+01	1.1230e+00	5.2816e-01
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	3.3185e+01	1.6141e+00	-3.7341e-01
	934	0.0000e+00	0.0000e+00	0.0000e+00	3.1907e+01	2.1019e+00	-4.9880e-01
	935	0.0000e+00	0.0000e+00	0.0000e+00	3.1843e+01	2.1594e+00	-5.4152e-02
	928	0.0000e+00	0.0000e+00	0.0000e+00	3.2997e+01	1.7610e+00	7.1241e-02
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	3.3616e+01	5.9162e-01	-8.6103e-01
	933	0.0000e+00	0.0000e+00	0.0000e+00	3.1922e+01	1.1927e+00	-1.0598e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	3.1904e+01	1.8327e+00	-5.6702e-01
	927	0.0000e+00	0.0000e+00	0.0000e+00	3.3234e+01	1.4516e+00	-3.6824e-01
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	3.4168e+01	-1.2607e+00	-1.1768e+00
	932	0.0000e+00	0.0000e+00	0.0000e+00	3.2233e+01	-7.6284e-01	-1.5870e+00
	933	0.0000e+00	0.0000e+00	0.0000e+00	3.1839e+01	4.6337e-01	-1.1946e+00
	926	0.0000e+00	0.0000e+00	0.0000e+00	3.3739e+01	1.7911e-01	-7.8445e-01

1677	853	0.0000e+00	0.0000e+00	0.0000e+00	3.5047e+01	-2.9485e+00	-1.1814e-01
	861	0.0000e+00	0.0000e+00	0.0000e+00	3.2426e+01	-4.0689e+00	-5.9369e-01
	932	0.0000e+00	0.0000e+00	0.0000e+00	3.1752e+01	-2.6156e+00	-1.3798e+00
	925	0.0000e+00	0.0000e+00	0.0000e+00	3.4767e+01	-2.1692e+00	-9.0428e-01
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	3.8466e+01	-3.2150e+00	1.0414e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	3.4246e+01	-3.0673e+00	9.5585e-01
	527	0.0000e+00	0.0000e+00	0.0000e+00	3.4280e+01	-3.9050e+00	9.3851e-01
	516	0.0000e+00	0.0000e+00	0.0000e+00	3.8260e+01	-3.7228e+00	1.0240e+00
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	3.8063e+01	-1.4587e+00	7.0248e-01
	930	0.0000e+00	0.0000e+00	0.0000e+00	3.4061e+01	-9.0596e-01	1.0439e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	3.4464e+01	-2.3618e+00	1.4791e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	3.8346e+01	-2.6765e+00	1.1377e+00
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	3.7669e+01	2.7901e-01	3.2909e-01
	929	0.0000e+00	0.0000e+00	0.0000e+00	3.3962e+01	7.8540e-01	5.7701e-01
	930	0.0000e+00	0.0000e+00	0.0000e+00	3.4125e+01	-2.5585e-01	1.1437e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	3.8003e+01	-8.7888e-01	8.9575e-01
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	3.7630e+01	1.2500e+00	9.7104e-02
	928	0.0000e+00	0.0000e+00	0.0000e+00	3.4013e+01	1.7137e+00	1.1897e-01
	929	0.0000e+00	0.0000e+00	0.0000e+00	3.3990e+01	1.1981e+00	6.2817e-01
	922	0.0000e+00	0.0000e+00	0.0000e+00	3.7697e+01	6.4693e-01	6.0631e-01
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	3.8025e+01	1.1999e+00	-5.6022e-02
	927	0.0000e+00	0.0000e+00	0.0000e+00	3.4295e+01	1.7171e+00	-3.1998e-01
	928	0.0000e+00	0.0000e+00	0.0000e+00	3.4076e+01	1.7723e+00	1.6556e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	3.7714e+01	1.3217e+00	4.2952e-01
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	3.8794e+01	2.2202e-01	-2.3454e-01
	926	0.0000e+00	0.0000e+00	0.0000e+00	3.4848e+01	7.7249e-01	-7.6786e-01
	927	0.0000e+00	0.0000e+00	0.0000e+00	3.4401e+01	1.4066e+00	-2.6695e-01
	920	0.0000e+00	0.0000e+00	0.0000e+00	3.8170e+01	9.5866e-01	2.6636e-01
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	3.9694e+01	-1.2050e+00	-3.1323e-01
	925	0.0000e+00	0.0000e+00	0.0000e+00	3.5687e+01	-9.6341e-01	-1.0131e+00
	926	0.0000e+00	0.0000e+00	0.0000e+00	3.4942e+01	1.8086e-01	-6.6119e-01
	919	0.0000e+00	0.0000e+00	0.0000e+00	3.9034e+01	-2.7900e-01	3.8698e-02
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	4.0294e+01	-2.1757e+00	-5.3795e-02
	853	0.0000e+00	0.0000e+00	0.0000e+00	3.6121e+01	-2.3718e+00	-4.2842e-01
	925	0.0000e+00	0.0000e+00	0.0000e+00	3.5664e+01	-1.6778e+00	-4.9438e-01
	918	0.0000e+00	0.0000e+00	0.0000e+00	3.9999e+01	-1.7425e+00	-1.1976e-01
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	4.5891e+01	-3.6627e+00	9.4466e-01
	924	0.0000e+00	0.0000e+00	0.0000e+00	4.0304e+01	-2.8811e+00	7.8762e-01
	516	0.0000e+00	0.0000e+00	0.0000e+00	4.0148e+01	-3.3869e+00	1.5648e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	4.5732e+01	-4.1543e+00	1.7218e+00
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	4.5413e+01	-1.9075e+00	1.4774e-01
	923	0.0000e+00	0.0000e+00	0.0000e+00	4.0003e+01	-1.2610e+00	5.6855e-01
	924	0.0000e+00	0.0000e+00	0.0000e+00	4.0338e+01	-2.3988e+00	1.3051e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	4.5923e+01	-3.2203e+00	8.8428e-01
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	4.4801e+01	8.6709e-02	-1.2181e-01
	922	0.0000e+00	0.0000e+00	0.0000e+00	3.9578e+01	4.6676e-01	3.3684e-01
	923	0.0000e+00	0.0000e+00	0.0000e+00	3.9898e+01	-5.8840e-01	8.6519e-01
	916	0.0000e+00	0.0000e+00	0.0000e+00	4.5401e+01	-1.2614e+00	4.0653e-01
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	4.4642e+01	1.2849e+00	1.2134e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	3.9457e+01	1.5169e+00	2.3612e-01
	922	0.0000e+00	0.0000e+00	0.0000e+00	3.9500e+01	9.4662e-01	5.4874e-01
	915	0.0000e+00	0.0000e+00	0.0000e+00	4.4829e+01	5.5555e-01	4.3396e-01
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	4.5167e+01	1.2161e+00	5.4447e-01
	920	0.0000e+00	0.0000e+00	0.0000e+00	3.9843e+01	1.5311e+00	1.7114e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	3.9522e+01	1.5888e+00	4.3955e-01
	914	0.0000e+00	0.0000e+00	0.0000e+00	4.4739e+01	1.3687e+00	8.1288e-01
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	4.6228e+01	4.4642e-02	7.5667e-01
	919	0.0000e+00	0.0000e+00	0.0000e+00	4.0696e+01	5.7077e-01	-5.4197e-03
	920	0.0000e+00	0.0000e+00	0.0000e+00	4.0059e+01	1.1766e+00	3.9974e-01
	913	0.0000e+00	0.0000e+00	0.0000e+00	4.5335e+01	8.9523e-01	1.1618e+00
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	4.7352e+01	-1.4991e+00	5.6490e-01
	918	0.0000e+00	0.0000e+00	0.0000e+00	4.1688e+01	-8.5257e-01	-2.4766e-01
	919	0.0000e+00	0.0000e+00	0.0000e+00	4.0965e+01	-3.3057e-02	3.1808e-01

	912	0.0000e+00	0.0000e+00	0.0000e+00	4.6444e+01	-5.1413e-01	1.1306e+00
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	4.7919e+01	-2.3944e+00	4.1225e-02
	845	0.0000e+00	0.0000e+00	0.0000e+00	4.2201e+01	-1.7677e+00	-3.2211e-01
	918	0.0000e+00	0.0000e+00	0.0000e+00	4.1860e+01	-1.3661e+00	2.9019e-01
	911	0.0000e+00	0.0000e+00	0.0000e+00	4.7531e+01	-1.9598e+00	6.5352e-01
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	5.4267e+01	-5.0571e+00	7.2819e-01
	917	0.0000e+00	0.0000e+00	0.0000e+00	4.8417e+01	-3.5807e+00	6.5934e-01
	505	0.0000e+00	0.0000e+00	0.0000e+00	4.8215e+01	-4.0507e+00	2.2832e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	5.4331e+01	-5.8109e+00	2.3520e+00
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	5.3350e+01	-2.4778e+00	-7.7141e-01
	916	0.0000e+00	0.0000e+00	0.0000e+00	4.7861e+01	-1.7488e+00	-5.8567e-02
	917	0.0000e+00	0.0000e+00	0.0000e+00	4.8252e+01	-2.9856e+00	1.0374e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	5.4390e+01	-4.4411e+00	3.2460e-01
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	5.2324e+01	4.1844e-01	-8.7027e-01
	915	0.0000e+00	0.0000e+00	0.0000e+00	4.7052e+01	4.2241e-01	-9.8563e-02
	916	0.0000e+00	0.0000e+00	0.0000e+00	4.7515e+01	-8.4958e-01	2.5515e-01
	909	0.0000e+00	0.0000e+00	0.0000e+00	5.3410e+01	-1.5506e+00	-5.1656e-01
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	5.2001e+01	2.1152e+00	1.3530e-01
	914	0.0000e+00	0.0000e+00	0.0000e+00	4.6707e+01	1.7869e+00	3.8351e-01
	915	0.0000e+00	0.0000e+00	0.0000e+00	4.6821e+01	1.0807e+00	2.0944e-01
	908	0.0000e+00	0.0000e+00	0.0000e+00	5.2385e+01	1.0993e+00	-3.8777e-02
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	5.2703e+01	1.9150e+00	1.4462e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	4.7171e+01	1.7773e+00	9.4953e-01
	914	0.0000e+00	0.0000e+00	0.0000e+00	4.6770e+01	1.8815e+00	7.1027e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	5.2107e+01	2.2207e+00	1.2069e+00
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	5.4205e+01	6.7457e-02	2.1891e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	4.8330e+01	5.3396e-01	1.1215e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	4.7537e+01	1.2867e+00	1.2881e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	5.2856e+01	1.4212e+00	2.3557e+00
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	5.5784e+01	-2.3063e+00	1.7786e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	4.9646e+01	-1.1587e+00	6.6914e-01
	912	0.0000e+00	0.0000e+00	0.0000e+00	4.8838e+01	-2.6686e-01	1.4867e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	5.4365e+01	-7.4874e-01	2.5961e+00
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	5.6506e+01	-3.6384e+00	2.6524e-01
	837	0.0000e+00	0.0000e+00	0.0000e+00	5.0367e+01	-2.1793e+00	-2.1598e-01
	911	0.0000e+00	0.0000e+00	0.0000e+00	5.0019e+01	-1.7819e+00	1.1005e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	5.5888e+01	-2.9467e+00	1.5817e+00
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	6.0830e+01	-7.7328e+00	6.8557e-02
	910	0.0000e+00	0.0000e+00	0.0000e+00	5.6915e+01	-5.4530e+00	3.1290e-01
	494	0.0000e+00	0.0000e+00	0.0000e+00	5.6825e+01	-6.1386e+00	2.9703e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	6.1410e+01	-9.1555e+00	2.7260e+00
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	5.9040e+01	-3.1720e+00	-2.3886e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	5.5714e+01	-2.5468e+00	-1.0404e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	5.6407e+01	-4.4038e+00	3.5655e-01
	903	0.0000e+00	0.0000e+00	0.0000e+00	6.1052e+01	-6.5629e+00	-9.9168e-01
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	5.7372e+01	1.5535e+00	-2.0747e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	5.4226e+01	8.0832e-01	-7.8515e-01
	909	0.0000e+00	0.0000e+00	0.0000e+00	5.4991e+01	-1.0960e+00	-9.0835e-01
	902	0.0000e+00	0.0000e+00	0.0000e+00	5.9195e+01	-1.5956e+00	-2.1979e+00
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	5.6833e+01	4.1396e+00	1.2614e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	5.3538e+01	2.8197e+00	5.7106e-01
	908	0.0000e+00	0.0000e+00	0.0000e+00	5.3781e+01	1.8156e+00	-5.0664e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	5.7483e+01	2.6437e+00	-9.5157e-01
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	5.7750e+01	3.6585e+00	2.7531e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	5.4107e+01	2.6714e+00	2.0967e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	5.3597e+01	2.9467e+00	9.3483e-01
	900	0.0000e+00	0.0000e+00	0.0000e+00	5.6943e+01	4.2754e+00	1.5912e+00
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	5.9875e+01	4.4304e-01	4.3366e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	5.5751e+01	6.1651e-01	2.7959e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	5.4674e+01	1.8958e+00	2.4225e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	5.7860e+01	2.8137e+00	3.9631e+00
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	6.2251e+01	-3.8304e+00	3.7077e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	5.7714e+01	-2.1344e+00	2.0109e+00

	905	0.0000e+00	0.0000e+00	0.0000e+00	5.6616e+01	-6.7802e-01	3.0108e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	5.9944e+01	-9.7497e-01	4.7077e+00
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	6.3315e+01	-6.3342e+00	7.3166e-01
	829	0.0000e+00	0.0000e+00	0.0000e+00	5.8882e+01	-3.8175e+00	-3.2574e-02
	904	0.0000e+00	0.0000e+00	0.0000e+00	5.8412e+01	-3.1781e+00	2.1482e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	6.2251e+01	-5.0080e+00	2.9125e+00
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	6.1084e+01	-1.2280e+01	-1.5152e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	6.2753e+01	-9.0063e+00	-6.1614e-01
	483	0.0000e+00	0.0000e+00	0.0000e+00	6.2970e+01	-1.0316e+01	3.4461e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	6.2671e+01	-1.5139e+01	2.5471e+00
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	5.8112e+01	-3.7582e+00	-5.0432e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	6.0320e+01	-3.6358e+00	-2.6817e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	6.1589e+01	-6.9730e+00	-1.2453e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	6.1583e+01	-9.7135e+00	-3.6068e+00
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	5.5981e+01	3.9033e+00	-3.7106e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	5.7849e+01	1.9747e+00	-1.8490e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	5.9076e+01	-1.2485e+00	-2.9894e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	5.8490e+01	-9.0414e-01	-4.8510e+00
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	5.5395e+01	7.7665e+00	1.5961e-01
	900	0.0000e+00	0.0000e+00	0.0000e+00	5.6773e+01	5.0215e+00	7.7268e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	5.7191e+01	3.4675e+00	-1.7229e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	5.6208e+01	5.6966e+00	-2.3360e+00
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	5.6406e+01	6.9277e+00	4.4633e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	5.7464e+01	4.5243e+00	3.6959e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	5.6826e+01	5.1867e+00	1.1070e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	5.5504e+01	7.9433e+00	1.8745e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	5.8986e+01	1.6273e+00	7.3466e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	5.9703e+01	8.9545e-01	5.3191e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	5.8225e+01	3.3454e+00	3.8882e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	5.6396e+01	5.4657e+00	5.9156e+00
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	6.2410e+01	-6.2070e+00	6.7844e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	6.2646e+01	-4.0836e+00	4.1990e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	6.1047e+01	-1.2434e+00	5.1326e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	5.8820e+01	-9.8092e-01	7.7180e+00
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	6.3988e+01	-1.1396e+01	1.6081e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	6.4651e+01	-7.3125e+00	3.1665e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	6.3942e+01	-6.0318e+00	3.7129e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	6.2106e+01	-8.7172e+00	5.0044e+00
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	4.7857e+01	-1.9090e+01	-4.5987e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	6.1102e+01	-1.5018e+01	-2.5248e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	6.1955e+01	-1.7838e+01	3.4211e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	5.1166e+01	-2.5617e+01	1.3473e+00
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	4.4584e+01	-2.7110e+00	-8.3706e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	5.6608e+01	-4.5399e+00	-4.9521e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	5.8775e+01	-1.0947e+01	-4.4179e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	4.9278e+01	-1.3840e+01	-7.8364e+00
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	4.3647e+01	8.1871e+00	-4.8734e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	5.3460e+01	4.5179e+00	-3.1371e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	5.5161e+01	-9.8370e-01	-6.0086e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	4.5430e+01	1.0703e+00	-7.7449e+00
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	4.3699e+01	1.3093e+01	4.6227e-01
	893	0.0000e+00	0.0000e+00	0.0000e+00	5.2444e+01	8.7712e+00	9.3598e-01
	894	0.0000e+00	0.0000e+00	0.0000e+00	5.2956e+01	6.4040e+00	-3.1852e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	4.4138e+01	1.0296e+01	-3.6589e+00
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	4.4281e+01	1.1768e+01	6.0353e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	5.3157e+01	7.6786e+00	5.4693e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	5.2502e+01	8.9754e+00	1.2649e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	4.3799e+01	1.3266e+01	1.8310e+00
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	4.5751e+01	4.1182e+00	1.0440e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	5.5597e+01	1.6552e+00	8.6438e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	5.3761e+01	6.1948e+00	5.5021e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	4.3983e+01	9.9938e+00	7.2979e+00
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	4.9623e+01	-9.4292e+00	1.1176e+01



	890	0.0000e+00	0.0000e+00	0.0000e+00	5.9427e+01	-7.2759e+00	7.7510e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	5.7098e+01	-1.5282e+00	7.7513e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	4.5078e+01	6.2458e-01	1.1177e+01
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	5.1603e+01	-2.0667e+01	3.1672e+00
	813	0.0000e+00	0.0000e+00	0.0000e+00	6.2929e+01	-1.3884e+01	9.6802e-01
	890	0.0000e+00	0.0000e+00	0.0000e+00	6.1763e+01	-1.1105e+01	6.0628e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	4.8355e+01	-1.4477e+01	8.2620e+00
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	7.7820e+00	-3.0925e+01	-9.6165e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	4.4287e+01	-2.4165e+01	-6.2320e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	4.5253e+01	-3.1217e+01	2.4010e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	1.3608e+01	-4.1664e+01	-9.8351e-01
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	1.2470e+01	-4.8434e+00	-8.1471e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	3.8449e+01	-2.7299e+00	-7.5237e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	3.8392e+01	-1.6407e+01	-1.0662e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	1.3777e+01	-8.0383e+00	-1.1286e+01
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	1.6670e+01	1.0603e+01	-3.3371e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	3.7211e+01	9.0459e+00	-4.0861e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	3.7209e+01	2.5742e-01	-8.9840e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	1.5168e+01	8.4631e+00	-8.2350e+00
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	1.8687e+01	1.7923e+01	1.4348e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	3.7211e+01	1.3907e+01	1.0481e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	3.6979e+01	1.0546e+01	-4.1874e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	1.8142e+01	1.6966e+01	-3.8006e+00
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	1.8210e+01	1.8202e+01	6.3321e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	3.7178e+01	1.2033e+01	6.6489e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	3.7221e+01	1.4122e+01	1.3549e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	1.8803e+01	1.8504e+01	1.0381e+00
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	1.5351e+01	1.1481e+01	1.0969e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	3.7543e+01	3.3777e+00	1.1705e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	3.7413e+01	1.0960e+01	6.6217e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	1.6959e+01	1.2989e+01	5.8853e+00
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	1.3783e+01	-3.3104e+00	1.4423e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	3.8740e+01	-1.1849e+01	1.3941e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	3.8719e+01	8.1079e-01	1.0412e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	1.2837e+01	-6.9387e-01	1.0894e+01
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	1.3153e+01	-3.4973e+01	5.3073e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	4.5295e+01	-2.5998e+01	2.2709e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	4.4340e+01	-1.9074e+01	9.8146e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	8.0141e+00	-2.5134e+01	1.2851e+01
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	-5.3278e+01	4.4125e+01	1.1606e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-2.2945e+01	-3.0431e+01	5.3994e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	2.6943e+01	-5.4290e+01	-3.4631e+00
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1562e+02	-1.1118e+02	2.7434e+00
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	-3.4298e+01	4.1610e+01	5.8713e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	-9.1735e+00	-5.4760e-01	-4.4538e-01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-3.9293e+00	-1.6949e+01	-1.3770e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	-5.2219e+01	-5.7249e+01	4.9397e+00
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	-2.3974e+01	3.8303e+01	3.5420e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	2.0153e-01	1.2221e+01	2.9134e-01
	879	0.0000e+00	0.0000e+00	0.0000e+00	3.5318e+00	3.9401e+00	-5.8543e-01
	880	0.0000e+00	0.0000e+00	0.0000e+00	-3.3828e+01	-2.0394e+01	2.6653e+00
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	-2.0675e+01	2.8554e+01	2.4208e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	5.1437e+00	1.7874e+01	1.4928e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	6.4986e+00	1.4908e+01	3.1392e-01
	878	0.0000e+00	0.0000e+00	0.0000e+00	-2.3892e+01	6.5775e+00	1.2419e+00
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	-2.3664e+01	1.1622e+01	1.6461e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	6.1058e+00	1.6337e+01	2.8344e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	5.6774e+00	1.8292e+01	1.6281e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	-2.0850e+01	2.5412e+01	4.3982e-01
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	-3.3599e+01	-1.3579e+01	3.1028e-01
	871	0.0000e+00	0.0000e+00	0.0000e+00	3.2310e+00	7.1849e+00	3.8584e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	8.5216e-01	1.4475e+01	2.9003e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	-2.4099e+01	3.7149e+01	-6.4781e-01

1740	870	0.0000e+00	0.0000e+00	0.0000e+00	-5.2098e+01	-4.8860e+01	-1.8310e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	-4.2566e+00	-1.1919e+01	4.8558e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	-8.5005e+00	3.4777e+00	3.8078e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	-3.4435e+01	4.2507e+01	-2.8790e+00
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.1464e+02	-1.0140e+02	2.3571e-01
	797	0.0000e+00	0.0000e+00	0.0000e+00	2.4636e+01	-4.7339e+01	7.1860e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	-2.2479e+01	-2.4417e+01	-1.4908e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	-5.3580e+01	4.6934e+01	-8.4411e+00
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	3.0372e+01	-2.5052e+00	9.8184e-01
	868	0.0000e+00	0.0000e+00	0.0000e+00	3.0921e+01	6.3373e-02	8.3510e-03
	17	0.0000e+00	0.0000e+00	0.0000e+00	2.5662e+01	-8.5338e+00	-3.4995e-01
	861	0.0000e+00	0.0000e+00	0.0000e+00	3.3677e+01	-5.2511e+00	6.2353e-01
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	3.1372e+01	1.0419e+00	1.1482e+00
	867	0.0000e+00	0.0000e+00	0.0000e+00	3.2723e+01	9.8254e-01	4.8275e-01
	868	0.0000e+00	0.0000e+00	0.0000e+00	3.2027e+01	-1.0701e+00	5.0670e-01
	860	0.0000e+00	0.0000e+00	0.0000e+00	3.0733e+01	-1.1771e+00	1.1721e+00
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	3.1788e+01	2.1129e+00	6.5053e-01
	866	0.0000e+00	0.0000e+00	0.0000e+00	3.3355e+01	2.2120e+00	4.5968e-01
	867	0.0000e+00	0.0000e+00	0.0000e+00	3.3112e+01	1.2766e+00	5.5802e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	3.1647e+01	1.1797e+00	7.4887e-01
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	3.1836e+01	2.3490e+00	2.0956e-01
	865	0.0000e+00	0.0000e+00	0.0000e+00	3.3506e+01	2.4789e+00	2.0433e-01
	866	0.0000e+00	0.0000e+00	0.0000e+00	3.3480e+01	2.3524e+00	3.4457e-01
	858	0.0000e+00	0.0000e+00	0.0000e+00	3.1851e+01	2.2028e+00	3.4980e-01
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	3.1653e+01	1.7094e+00	-1.8429e-01
	864	0.0000e+00	0.0000e+00	0.0000e+00	3.3398e+01	1.7812e+00	-8.2268e-02
	865	0.0000e+00	0.0000e+00	0.0000e+00	3.3462e+01	2.4135e+00	2.9211e-02
	857	0.0000e+00	0.0000e+00	0.0000e+00	3.1794e+01	2.2630e+00	-7.2807e-02
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	3.1137e+01	1.6783e-01	-5.2471e-01
	863	0.0000e+00	0.0000e+00	0.0000e+00	3.2813e+01	1.4431e-01	-1.6811e-01
	864	0.0000e+00	0.0000e+00	0.0000e+00	3.3174e+01	1.5291e+00	-1.4937e-01
	856	0.0000e+00	0.0000e+00	0.0000e+00	3.1492e+01	1.4683e+00	-5.0597e-01
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	2.9748e+01	-2.5865e+00	-8.7726e-01
	862	0.0000e+00	0.0000e+00	0.0000e+00	3.1343e+01	-2.6173e+00	8.3931e-02
	863	0.0000e+00	0.0000e+00	0.0000e+00	3.2293e+01	-2.0642e-01	-6.3765e-03
	855	0.0000e+00	0.0000e+00	0.0000e+00	3.0728e+01	-5.7280e-02	-9.6757e-01
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	3.2283e+01	-6.9429e+00	-2.6214e-01
	16	0.0000e+00	0.0000e+00	0.0000e+00	2.4067e+01	-1.0431e+01	1.1784e+00
	862	0.0000e+00	0.0000e+00	0.0000e+00	3.0044e+01	-1.3800e+00	7.2199e-01
	854	0.0000e+00	0.0000e+00	0.0000e+00	2.9197e+01	-3.9585e+00	-7.1852e-01
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	3.4763e+01	-2.1479e+00	9.2142e-01
	860	0.0000e+00	0.0000e+00	0.0000e+00	3.1753e+01	-2.5665e+00	1.3993e+00
	861	0.0000e+00	0.0000e+00	0.0000e+00	3.2432e+01	-4.0606e+00	6.2690e-01
	853	0.0000e+00	0.0000e+00	0.0000e+00	3.5043e+01	-2.9397e+00	1.4901e-01
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	3.3748e+01	1.9745e-01	7.9427e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	3.1856e+01	4.8518e-01	1.1931e+00
	860	0.0000e+00	0.0000e+00	0.0000e+00	3.2233e+01	-7.3419e-01	1.5919e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	3.4171e+01	-1.2414e+00	1.1931e+00
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	3.3257e+01	1.4593e+00	3.7455e-01
	858	0.0000e+00	0.0000e+00	0.0000e+00	3.1926e+01	1.8420e+00	5.6719e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	3.1939e+01	1.2065e+00	1.0607e+00
	851	0.0000e+00	0.0000e+00	0.0000e+00	3.3630e+01	6.0560e-01	8.6807e-01
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	3.3028e+01	1.7594e+00	-6.7162e-02
	857	0.0000e+00	0.0000e+00	0.0000e+00	3.1868e+01	2.1604e+00	5.3842e-02
	858	0.0000e+00	0.0000e+00	0.0000e+00	3.1929e+01	2.1067e+00	4.9970e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	3.3209e+01	1.6191e+00	3.7870e-01
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	3.2935e+01	1.1118e+00	-5.2677e-01
	856	0.0000e+00	0.0000e+00	0.0000e+00	3.1709e+01	1.5880e+00	-4.6220e-01
	857	0.0000e+00	0.0000e+00	0.0000e+00	3.1812e+01	2.1019e+00	-1.4748e-02
	849	0.0000e+00	0.0000e+00	0.0000e+00	3.2962e+01	1.6863e+00	-7.9320e-02
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	3.2966e+01	-4.1980e-01	-1.0527e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	3.1378e+01	1.7691e-01	-1.0103e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	3.1586e+01	1.2202e+00	-5.1128e-01

	848	0.0000e+00	0.0000e+00	0.0000e+00	3.2844e+01	8.2234e-01	-5.5375e-01
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	3.3021e+01	-2.6461e+00	-1.4350e+00
	854	0.0000e+00	0.0000e+00	0.0000e+00	3.1230e+01	-2.1388e+00	-1.5198e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	3.1151e+01	-6.1316e-01	-1.1161e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	3.2929e+01	-9.1050e-01	-1.0313e+00
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	3.3308e+01	-4.4696e+00	-3.7586e-01
	431	0.0000e+00	0.0000e+00	0.0000e+00	3.0877e+01	-5.7010e+00	-4.5603e-01
	854	0.0000e+00	0.0000e+00	0.0000e+00	3.0559e+01	-4.0233e+00	-1.2943e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	3.3465e+01	-3.5837e+00	-1.2141e+00
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	4.0004e+01	-1.7332e+00	1.4688e-01
	852	0.0000e+00	0.0000e+00	0.0000e+00	3.5666e+01	-1.6612e+00	5.1914e-01
	853	0.0000e+00	0.0000e+00	0.0000e+00	3.6124e+01	-2.3669e+00	4.5794e-01
	845	0.0000e+00	0.0000e+00	0.0000e+00	4.0293e+01	-2.1729e+00	8.5681e-02
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	3.9049e+01	-2.6778e-01	-1.7597e-02
	851	0.0000e+00	0.0000e+00	0.0000e+00	3.4955e+01	1.9636e-01	6.7432e-01
	852	0.0000e+00	0.0000e+00	0.0000e+00	3.5692e+01	-9.4625e-01	1.0320e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	3.9701e+01	-1.1951e+00	3.4011e-01
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	3.8198e+01	9.6396e-01	-2.4948e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	3.4425e+01	1.4146e+00	2.7501e-01
	851	0.0000e+00	0.0000e+00	0.0000e+00	3.4863e+01	7.8474e-01	7.7918e-01
	843	0.0000e+00	0.0000e+00	0.0000e+00	3.8813e+01	2.3051e-01	2.5468e-01
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	3.7755e+01	1.3181e+00	-4.1575e-01
	849	0.0000e+00	0.0000e+00	0.0000e+00	3.4110e+01	1.7716e+00	-1.5978e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	3.4322e+01	1.7207e+00	3.2805e-01
	842	0.0000e+00	0.0000e+00	0.0000e+00	3.8057e+01	1.2019e+00	7.2082e-02
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	3.7749e+01	6.3347e-01	-5.9560e-01
	848	0.0000e+00	0.0000e+00	0.0000e+00	3.4033e+01	1.1878e+00	-6.2487e-01
	849	0.0000e+00	0.0000e+00	0.0000e+00	3.4049e+01	1.7084e+00	-1.1316e-01
	841	0.0000e+00	0.0000e+00	0.0000e+00	3.7673e+01	1.2429e+00	-8.3897e-02
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	3.8065e+01	-9.0150e-01	-8.8753e-01
	847	0.0000e+00	0.0000e+00	0.0000e+00	3.4176e+01	-2.7705e-01	-1.1422e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	3.4006e+01	7.7047e-01	-5.7362e-01
	840	0.0000e+00	0.0000e+00	0.0000e+00	3.7724e+01	2.6170e-01	-3.1897e-01
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	3.8412e+01	-2.7034e+00	-1.1310e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	3.4520e+01	-2.3896e+00	-1.4758e+00
	847	0.0000e+00	0.0000e+00	0.0000e+00	3.4114e+01	-9.3031e-01	-1.0403e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	3.8127e+01	-1.4845e+00	-6.9552e-01
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	3.8323e+01	-3.7443e+00	-1.0227e+00
	420	0.0000e+00	0.0000e+00	0.0000e+00	3.4330e+01	-3.9214e+00	-9.3225e-01
	846	0.0000e+00	0.0000e+00	0.0000e+00	3.4303e+01	-3.0932e+00	-9.4701e-01
	838	0.0000e+00	0.0000e+00	0.0000e+00	3.8531e+01	-3.2409e+00	-1.0375e+00
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	4.7540e+01	-1.9550e+00	-6.1637e-01
	844	0.0000e+00	0.0000e+00	0.0000e+00	4.1866e+01	-1.3575e+00	-2.5893e-01
	845	0.0000e+00	0.0000e+00	0.0000e+00	4.2203e+01	-1.7668e+00	3.5525e-01
	837	0.0000e+00	0.0000e+00	0.0000e+00	4.7920e+01	-2.3935e+00	-2.1919e-03
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	4.6465e+01	-5.0800e-01	-1.0969e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	4.0983e+01	-2.3130e-02	-2.9274e-01
	844	0.0000e+00	0.0000e+00	0.0000e+00	4.1697e+01	-8.4462e-01	2.7642e-01
	836	0.0000e+00	0.0000e+00	0.0000e+00	4.7364e+01	-1.4942e+00	-5.2774e-01
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	4.5371e+01	8.9704e-01	-1.1314e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	4.0090e+01	1.1816e+00	-3.7933e-01
	843	0.0000e+00	0.0000e+00	0.0000e+00	4.0716e+01	5.7779e-01	2.8939e-02
	835	0.0000e+00	0.0000e+00	0.0000e+00	4.6253e+01	4.8646e-02	-7.2316e-01
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	4.4790e+01	1.3621e+00	-7.8587e-01
	841	0.0000e+00	0.0000e+00	0.0000e+00	3.9565e+01	1.5855e+00	-4.2277e-01
	842	0.0000e+00	0.0000e+00	0.0000e+00	3.9877e+01	1.5318e+00	-1.5143e-01
	834	0.0000e+00	0.0000e+00	0.0000e+00	4.5207e+01	1.2144e+00	-5.1453e-01
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	4.4894e+01	5.3824e-01	-4.1128e-01
	840	0.0000e+00	0.0000e+00	0.0000e+00	3.9556e+01	9.3344e-01	-5.3559e-01
	841	0.0000e+00	0.0000e+00	0.0000e+00	3.9504e+01	1.5088e+00	-2.1952e-01
	833	0.0000e+00	0.0000e+00	0.0000e+00	4.4697e+01	1.2740e+00	-9.5210e-02
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	4.5477e+01	-1.2890e+00	-3.8992e-01
	839	0.0000e+00	0.0000e+00	0.0000e+00	3.9963e+01	-6.1101e-01	-8.5607e-01

	840	0.0000e+00	0.0000e+00	0.0000e+00	3.9637e+01	4.4888e-01	-3.2340e-01
	832	0.0000e+00	0.0000e+00	0.0000e+00	4.4868e+01	6.5161e-02	1.4275e-01
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	4.6005e+01	-3.2541e+00	-8.7652e-01
	838	0.0000e+00	0.0000e+00	0.0000e+00	4.0407e+01	-2.4259e+00	-1.3005e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	4.0071e+01	-1.2868e+00	-5.5822e-01
	831	0.0000e+00	0.0000e+00	0.0000e+00	4.5491e+01	-1.9380e+00	-1.3428e-01
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	4.5811e+01	-4.1874e+00	-1.7273e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	4.0215e+01	-3.4096e+00	-1.5674e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	4.0375e+01	-2.9081e+00	-7.8162e-01
	830	0.0000e+00	0.0000e+00	0.0000e+00	4.5972e+01	-3.6965e+00	-9.4155e-01
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	5.5899e+01	-2.9435e+00	-1.5319e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	5.0029e+01	-1.7770e+00	-1.0591e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	5.0369e+01	-2.1794e+00	2.5813e-01
	829	0.0000e+00	0.0000e+00	0.0000e+00	5.6507e+01	-3.6384e+00	-2.1459e-01
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	5.4391e+01	-7.4525e-01	-2.5478e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	4.8861e+01	-2.6108e-01	-1.4482e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	4.9659e+01	-1.1551e+00	-6.2891e-01
	828	0.0000e+00	0.0000e+00	0.0000e+00	5.5799e+01	-2.3039e+00	-1.7285e+00
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	5.2898e+01	1.4201e+00	-2.3095e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	4.7574e+01	1.2882e+00	-1.2532e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	4.8357e+01	5.3685e-01	-1.0843e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	5.4235e+01	6.8479e-02	-2.1407e+00
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	5.2167e+01	2.2101e+00	-1.1641e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	4.6823e+01	1.8747e+00	-6.7929e-01
	834	0.0000e+00	0.0000e+00	0.0000e+00	4.7213e+01	1.7745e+00	-9.1549e-01
	826	0.0000e+00	0.0000e+00	0.0000e+00	5.2749e+01	1.9099e+00	-1.4003e+00
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	5.2461e+01	1.0756e+00	7.5781e-02
	832	0.0000e+00	0.0000e+00	0.0000e+00	4.6889e+01	1.0629e+00	-1.8382e-01
	833	0.0000e+00	0.0000e+00	0.0000e+00	4.6765e+01	1.7747e+00	-3.5318e-01
	825	0.0000e+00	0.0000e+00	0.0000e+00	5.2065e+01	2.0994e+00	-9.3578e-02
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	5.3500e+01	-1.5883e+00	5.4347e-01
	831	0.0000e+00	0.0000e+00	0.0000e+00	4.7595e+01	-8.7834e-01	-2.3746e-01
	832	0.0000e+00	0.0000e+00	0.0000e+00	4.7124e+01	3.9906e-01	1.2362e-01
	824	0.0000e+00	0.0000e+00	0.0000e+00	5.2403e+01	3.8934e-01	9.0456e-01
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	5.4488e+01	-4.4896e+00	-3.1343e-01
	830	0.0000e+00	0.0000e+00	0.0000e+00	4.8339e+01	-3.0216e+00	-1.0311e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	4.7945e+01	-1.7818e+00	7.5651e-02
	823	0.0000e+00	0.0000e+00	0.0000e+00	5.3441e+01	-2.5198e+00	7.9333e-01
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	5.4428e+01	-5.8626e+00	-2.3620e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	4.8300e+01	-4.0872e+00	-2.2920e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	4.8505e+01	-3.6182e+00	-6.5416e-01
	822	0.0000e+00	0.0000e+00	0.0000e+00	5.4364e+01	-5.1071e+00	-7.2424e-01
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	6.2264e+01	-5.0049e+00	-2.8480e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	5.8423e+01	-3.1746e+00	-2.0937e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	5.8884e+01	-3.8180e+00	8.7274e-02
	821	0.0000e+00	0.0000e+00	0.0000e+00	6.3317e+01	-6.3347e+00	-6.6710e-01
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	5.9972e+01	-9.7226e-01	-4.6433e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	5.6643e+01	-6.7454e-01	-2.9574e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	5.7730e+01	-2.1326e+00	-1.9569e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	6.2268e+01	-3.8289e+00	-3.6429e+00
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	5.7906e+01	2.8107e+00	-3.8996e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	5.4718e+01	1.8945e+00	-2.3711e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	5.5783e+01	6.1686e-01	-2.7434e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	5.9908e+01	4.4256e-01	-4.2718e+00
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	5.7007e+01	4.2605e+00	-1.5305e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	5.3658e+01	2.9354e+00	-8.8723e-01
	826	0.0000e+00	0.0000e+00	0.0000e+00	5.4156e+01	2.6652e+00	-2.0464e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	5.7800e+01	3.6505e+00	-2.6897e+00
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	5.7565e+01	2.6115e+00	1.0054e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	5.3859e+01	1.7905e+00	5.4740e-01
	825	0.0000e+00	0.0000e+00	0.0000e+00	5.3605e+01	2.8021e+00	-5.2478e-01
	817	0.0000e+00	0.0000e+00	0.0000e+00	5.6901e+01	4.1181e+00	-6.6805e-02
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	5.9294e+01	-1.6485e+00	2.2383e+00

	823	0.0000e+00	0.0000e+00	0.0000e+00	5.5084e+01	-1.1365e+00	9.3715e-01
	824	0.0000e+00	0.0000e+00	0.0000e+00	5.4309e+01	7.7604e-01	8.2395e-01
	816	0.0000e+00	0.0000e+00	0.0000e+00	5.7457e+01	1.5136e+00	2.1251e+00
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	6.1162e+01	-6.6342e+00	1.0095e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	5.6510e+01	-4.4568e+00	-3.4618e-01
	823	0.0000e+00	0.0000e+00	0.0000e+00	5.5811e+01	-2.5938e+00	1.0664e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	5.9140e+01	-3.2318e+00	2.4221e+00
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	6.1521e+01	-9.2348e+00	-2.7390e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	5.6929e+01	-6.1963e+00	-2.9838e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	5.7020e+01	-5.5095e+00	-3.0618e-01
	814	0.0000e+00	0.0000e+00	0.0000e+00	6.0939e+01	-7.8079e+00	-6.1370e-02
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	6.2117e+01	-8.7130e+00	-4.9256e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	6.3954e+01	-6.0287e+00	-3.6436e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	6.4653e+01	-7.3128e+00	-2.4775e-01
	813	0.0000e+00	0.0000e+00	0.0000e+00	6.3991e+01	-1.1397e+01	-1.5297e+00
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	5.8846e+01	-9.7738e-01	-7.6377e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	6.1075e+01	-1.2408e+00	-5.0630e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	6.2663e+01	-4.0820e+00	-4.1300e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	6.2425e+01	-6.2050e+00	-6.7048e+00
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	5.6438e+01	5.4620e+00	-5.8349e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	5.8270e+01	3.3418e+00	-3.8193e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	5.9736e+01	8.9487e-01	-5.2501e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	5.9016e+01	1.6266e+00	-7.2657e+00
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	5.5563e+01	7.9247e+00	-1.7958e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	5.6889e+01	5.1705e+00	-1.0412e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	5.7514e+01	4.5156e+00	-3.6282e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	5.6452e+01	6.9174e+00	-4.3827e+00
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	5.6284e+01	5.6550e+00	2.4079e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	5.7272e+01	3.4324e+00	1.7813e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	5.6842e+01	4.9980e+00	-7.0902e-01
	809	0.0000e+00	0.0000e+00	0.0000e+00	5.5457e+01	7.7390e+00	-8.2463e-02
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	5.8583e+01	-9.7573e-01	4.9079e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	5.9175e+01	-1.3062e+00	3.0329e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	5.7937e+01	1.9306e+00	1.9037e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	5.6059e+01	3.8507e+00	3.7787e+00
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	6.1692e+01	-9.8161e+00	3.6357e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	6.1701e+01	-7.0517e+00	1.2633e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	6.0425e+01	-3.7031e+00	2.7196e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	5.8207e+01	-3.8413e+00	5.0920e+00
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	6.2784e+01	-1.5258e+01	-2.5612e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	6.3087e+01	-1.0405e+01	-3.4630e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	6.2869e+01	-9.0917e+00	6.2721e-01
	806	0.0000e+00	0.0000e+00	0.0000e+00	6.1191e+01	-1.2391e+01	1.5290e+00
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	4.8362e+01	-1.4470e+01	-8.1720e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	6.1773e+01	-1.1101e+01	-5.9795e+00
	813	0.0000e+00	0.0000e+00	0.0000e+00	6.2930e+01	-1.3884e+01	-8.8597e-01
	805	0.0000e+00	0.0000e+00	0.0000e+00	5.1605e+01	-2.0666e+01	-3.0784e+00
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	4.5095e+01	6.2982e-01	-1.1083e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	5.7121e+01	-1.5253e+00	-7.6663e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	5.9441e+01	-7.2728e+00	-7.6679e+00
	804	0.0000e+00	0.0000e+00	0.0000e+00	4.9633e+01	-9.4246e+00	-1.1085e+01
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	4.4011e+01	9.9895e+00	-7.2030e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	5.3800e+01	6.1896e+00	-5.4167e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	5.5624e+01	1.6552e+00	-8.5594e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	4.5771e+01	4.1192e+00	-1.0346e+01
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	4.3838e+01	1.3243e+01	-1.7380e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	5.2556e+01	8.9539e+00	-1.1819e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	5.3199e+01	7.6682e+00	-5.3853e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	4.4311e+01	1.1757e+01	-5.9414e+00
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	4.4188e+01	1.0244e+01	3.7457e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	5.3026e+01	6.3576e+00	3.2613e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	5.2503e+01	8.7421e+00	-8.5586e-01
	801	0.0000e+00	0.0000e+00	0.0000e+00	4.3739e+01	1.3062e+01	-3.7145e-01

1803	799	0.0000e+00	0.0000e+00	0.0000e+00	4.5491e+01	9.7819e-01	7.8180e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	5.5248e+01	-1.0629e+00	6.0696e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	5.3535e+01	4.4609e+00	3.2078e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	4.3696e+01	8.1236e+00	4.9563e+00
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	4.9356e+01	-1.3983e+01	7.8810e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	5.8879e+01	-1.1060e+01	4.4485e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	5.6702e+01	-4.6325e+00	5.0040e+00
	799	0.0000e+00	0.0000e+00	0.0000e+00	4.4644e+01	-2.8172e+00	8.4365e+00
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	5.1251e+01	-2.5793e+01	-1.3592e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	6.2070e+01	-1.7972e+01	-3.4395e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	6.1213e+01	-1.5144e+01	2.5436e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	4.7932e+01	-1.9249e+01	4.6239e+00
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	8.0129e+00	-2.5119e+01	-1.2756e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	4.4344e+01	-1.9068e+01	-9.7205e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	4.5295e+01	-2.5995e+01	-2.1801e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	1.3154e+01	-3.4974e+01	-5.2158e+00
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	1.2838e+01	-6.8256e-01	-1.0793e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	3.8731e+01	8.1484e-01	-1.0315e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	3.8747e+01	-1.1842e+01	-1.3847e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	1.3782e+01	-3.3046e+00	-1.4326e+01
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	1.6960e+01	1.2989e+01	-5.7840e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	3.7434e+01	1.0953e+01	-6.5237e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	3.7559e+01	3.3798e+00	-1.1609e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	1.5351e+01	1.1479e+01	-1.0869e+01
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	1.8803e+01	1.8484e+01	-9.3958e-01
	801	0.0000e+00	0.0000e+00	0.0000e+00	3.7249e+01	1.4094e+01	-1.2588e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	3.7202e+01	1.2022e+01	-6.5527e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	1.8209e+01	1.8183e+01	-6.2335e+00
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	1.8138e+01	1.6916e+01	3.8928e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	3.7014e+01	1.0488e+01	4.2777e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	3.7243e+01	1.3874e+01	-9.5570e-01
	789	0.0000e+00	0.0000e+00	0.0000e+00	1.8683e+01	1.7877e+01	-1.3407e+00
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	1.5159e+01	8.3698e+00	8.3156e+00
	799	0.0000e+00	0.0000e+00	0.0000e+00	3.7253e+01	1.5499e-01	9.0624e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	3.7251e+01	8.9787e+00	4.1697e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	1.6659e+01	1.0516e+01	3.4229e+00
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	1.3770e+01	-8.1927e+00	1.1345e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	3.8446e+01	-1.6566e+01	1.0715e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	3.8500e+01	-2.8445e+00	7.5904e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	1.2451e+01	-4.9891e+00	8.2204e+00
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	1.3603e+01	-4.1917e+01	9.7769e-01
	354	0.0000e+00	0.0000e+00	0.0000e+00	4.5329e+01	-3.1418e+01	-2.4178e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	4.4360e+01	-2.4347e+01	6.2649e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	7.7576e+00	-3.1154e+01	9.6604e+00
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	-5.3588e+01	4.6932e+01	8.5299e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	-2.2483e+01	-2.4402e+01	1.5837e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	2.4628e+01	-4.7334e+01	-7.1013e+00
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.1464e+02	-1.0136e+02	-1.5508e-01
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	-3.4459e+01	4.2485e+01	2.9702e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-8.5033e+00	3.4833e+00	-3.7127e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	-4.2654e+00	-1.1908e+01	-4.7614e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	-5.2109e+01	-4.8820e+01	1.9215e+00
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	-2.4143e+01	3.7099e+01	7.3522e-01
	791	0.0000e+00	0.0000e+00	0.0000e+00	8.4663e-01	1.4466e+01	-2.8080e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	3.2181e+00	7.1865e+00	-3.7640e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	-3.3626e+01	-1.3541e+01	-2.2073e-01
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	-2.0917e+01	2.5318e+01	-3.6032e-01
	789	0.0000e+00	0.0000e+00	0.0000e+00	5.6669e+00	1.8260e+01	-1.5430e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	6.0846e+00	1.6322e+01	-2.7447e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	-2.3708e+01	1.1659e+01	-1.5620e+00
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-2.3987e+01	6.4196e+00	-1.1751e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	6.4808e+00	1.4842e+01	-2.4100e-01
	789	0.0000e+00	0.0000e+00	0.0000e+00	5.1101e+00	1.7831e+01	-1.4122e+00

	790	0.0000e+00	0.0000e+00	0.0000e+00	-2.0742e+01	2.8588e+01	-2.3464e+00
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-3.3958e+01	-2.0641e+01	-2.6177e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	3.5041e+00	3.8234e+00	6.3990e-01
	787	0.0000e+00	0.0000e+00	0.0000e+00	1.5100e-01	1.2138e+01	-2.2520e-01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-2.4067e+01	3.8327e+01	-3.4827e+00
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-5.2395e+01	-5.7616e+01	-4.9198e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	-3.9724e+00	-1.7139e+01	1.4060e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	-9.2469e+00	-6.8633e-01	4.9065e-01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-3.4426e+01	4.1615e+01	-5.8351e+00
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-1.1596e+02	-1.1171e+02	-2.7514e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	2.6998e+01	-5.4588e+01	3.4595e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	-2.3046e+01	-3.0669e+01	-5.4002e+00
	784	0.0000e+00	0.0000e+00	0.0000e+00	-5.3453e+01	4.4110e+01	-1.1611e+01
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	3.6585e+01	7.8510e+00	-9.7933e-01
	782	0.0000e+00	0.0000e+00	0.0000e+00	3.4606e+01	1.0042e+01	1.7874e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	3.2802e+01	1.3323e+00	2.3530e-01
	773	0.0000e+00	0.0000e+00	0.0000e+00	4.3466e+01	6.9066e+00	-2.5314e+00
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	3.3249e+01	1.2852e+01	8.2985e-02
	781	0.0000e+00	0.0000e+00	0.0000e+00	3.2758e+01	1.2797e+01	2.2409e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	3.4832e+01	1.0401e+01	2.2379e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	3.5134e+01	1.0352e+01	7.9941e-02
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	3.0587e+01	1.4447e+01	-1.2407e-01
	780	0.0000e+00	0.0000e+00	0.0000e+00	3.0754e+01	1.4697e+01	1.7312e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	3.2280e+01	1.3886e+01	2.0141e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	3.2465e+01	1.3520e+01	1.5885e-01
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	2.8561e+01	1.4351e+01	-3.7956e-01
	779	0.0000e+00	0.0000e+00	0.0000e+00	2.9164e+01	1.4657e+01	9.3094e-01
	780	0.0000e+00	0.0000e+00	0.0000e+00	3.0246e+01	1.5162e+01	1.3089e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	2.9884e+01	1.4644e+01	-1.6298e-03
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	2.7238e+01	1.2830e+01	-6.4848e-01
	778	0.0000e+00	0.0000e+00	0.0000e+00	2.8182e+01	1.3095e+01	7.0656e-02
	779	0.0000e+00	0.0000e+00	0.0000e+00	2.8717e+01	1.4602e+01	4.2932e-01
	769	0.0000e+00	0.0000e+00	0.0000e+00	2.8022e+01	1.4086e+01	-2.8981e-01
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	2.6527e+01	1.0268e+01	-8.7449e-01
	777	0.0000e+00	0.0000e+00	0.0000e+00	2.7733e+01	1.0417e+01	-6.3895e-01
	778	0.0000e+00	0.0000e+00	0.0000e+00	2.7831e+01	1.2631e+01	-3.7773e-01
	768	0.0000e+00	0.0000e+00	0.0000e+00	2.6861e+01	1.2210e+01	-6.1327e-01
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	2.6180e+01	7.0327e+00	-1.0404e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	2.7565e+01	7.0354e+00	-1.0597e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	2.7447e+01	9.6877e+00	-9.4152e-01
	767	0.0000e+00	0.0000e+00	0.0000e+00	2.6263e+01	9.4328e+00	-9.2216e-01
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	2.5862e+01	3.3693e+00	-1.1665e+00
	775	0.0000e+00	0.0000e+00	0.0000e+00	2.7239e+01	3.2630e+00	-1.1168e+00
	776	0.0000e+00	0.0000e+00	0.0000e+00	2.7260e+01	6.1934e+00	-1.1425e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	2.5932e+01	6.1432e+00	-1.1922e+00
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	2.5094e+01	-9.1421e-01	-1.3530e+00
	774	0.0000e+00	0.0000e+00	0.0000e+00	2.6254e+01	-9.2927e-01	-8.6126e-01
	775	0.0000e+00	0.0000e+00	0.0000e+00	2.6777e+01	2.4437e+00	-9.5301e-01
	765	0.0000e+00	0.0000e+00	0.0000e+00	2.5474e+01	2.6286e+00	-1.4448e+00
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	2.7950e+01	-5.7048e+00	-4.8763e-01
	21	0.0000e+00	0.0000e+00	0.0000e+00	2.0596e+01	-9.2151e+00	2.5516e-01
	774	0.0000e+00	0.0000e+00	0.0000e+00	2.5114e+01	-3.7315e-01	-3.2838e-01
	764	0.0000e+00	0.0000e+00	0.0000e+00	2.4794e+01	-2.6113e+00	-1.0712e+00
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	3.8384e+01	9.2429e+00	-4.3241e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	3.7261e+01	9.6331e+00	-2.0537e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	3.5875e+01	7.0025e+00	-2.4464e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	4.3936e+01	8.2488e+00	-4.7168e+00
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	3.5097e+01	1.2930e+01	-3.5037e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	3.3691e+01	1.2543e+01	-6.7770e-01
	772	0.0000e+00	0.0000e+00	0.0000e+00	3.6768e+01	1.0912e+01	-9.6456e-01
	762	0.0000e+00	0.0000e+00	0.0000e+00	3.7205e+01	1.1151e+01	-3.7906e+00
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	3.1925e+01	1.4455e+01	-3.0341e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	3.0876e+01	1.4290e+01	-7.5075e-01

	771	0.0000e+00	0.0000e+00	0.0000e+00	3.2842e+01	1.3714e+01	-8.5952e-01
	761	0.0000e+00	0.0000e+00	0.0000e+00	3.4149e+01	1.3786e+01	-3.1429e+00
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	2.9623e+01	1.4355e+01	-2.4320e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	2.8715e+01	1.4199e+01	-8.3333e-01
	770	0.0000e+00	0.0000e+00	0.0000e+00	3.0141e+01	1.4724e+01	-9.4374e-01
	760	0.0000e+00	0.0000e+00	0.0000e+00	3.1131e+01	1.4809e+01	-2.5424e+00
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	2.8161e+01	1.2784e+01	-1.8781e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	2.7311e+01	1.2700e+01	-9.6488e-01
	769	0.0000e+00	0.0000e+00	0.0000e+00	2.8141e+01	1.4099e+01	-1.0492e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	2.9007e+01	1.4200e+01	-1.9625e+00
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	2.7442e+01	1.0139e+01	-1.4667e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	2.6564e+01	1.0171e+01	-1.1284e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	2.6908e+01	1.2179e+01	-1.1470e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	2.7718e+01	1.2252e+01	-1.4853e+00
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	2.7285e+01	6.8033e+00	-1.2730e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	2.6261e+01	6.9983e+00	-1.3311e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	2.6295e+01	9.3471e+00	-1.2486e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	2.7144e+01	9.3624e+00	-1.1905e+00
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	2.7548e+01	3.1099e+00	-1.2981e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	2.6143e+01	3.4755e+00	-1.5815e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	2.6064e+01	5.9515e+00	-1.3866e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	2.7106e+01	5.8921e+00	-1.1031e+00
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	2.8030e+01	-6.0329e-01	-1.2492e+00
	764	0.0000e+00	0.0000e+00	0.0000e+00	2.6413e+01	-3.8274e-01	-1.7726e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	2.5947e+01	2.1263e+00	-1.6667e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	2.7536e+01	2.1159e+00	-1.1432e+00
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	2.8659e+01	-3.3892e+00	-1.1767e-01
	665	0.0000e+00	0.0000e+00	0.0000e+00	2.6561e+01	-4.6074e+00	-5.7390e-01
	764	0.0000e+00	0.0000e+00	0.0000e+00	2.5955e+01	-2.5138e+00	-1.4774e+00
	754	0.0000e+00	0.0000e+00	0.0000e+00	2.8428e+01	-1.7623e+00	-1.0212e+00
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	4.0008e+01	9.5408e+00	-7.7477e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	3.9144e+01	1.0425e+01	-5.5788e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	3.8450e+01	7.7630e+00	-5.0104e+00
	753	0.0000e+00	0.0000e+00	0.0000e+00	4.4682e+01	7.4076e+00	-7.1794e+00
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	3.7170e+01	1.3711e+01	-7.1561e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	3.5487e+01	1.3153e+01	-4.4380e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	3.8264e+01	1.1420e+01	-4.7809e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	3.9381e+01	1.1610e+01	-7.4991e+00
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	3.4386e+01	1.5473e+01	-5.9805e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	3.2393e+01	1.4796e+01	-3.7120e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	3.4481e+01	1.4064e+01	-4.3386e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	3.6459e+01	1.4753e+01	-6.6071e+00
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	3.2340e+01	1.5402e+01	-4.4513e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	3.0090e+01	1.4696e+01	-2.8967e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	3.1589e+01	1.5120e+01	-3.6062e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	3.3694e+01	1.5960e+01	-5.1607e+00
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	3.1155e+01	1.3670e+01	-2.9655e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	2.8672e+01	1.3121e+01	-2.1662e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	2.9514e+01	1.4479e+01	-2.7968e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	3.1780e+01	1.5305e+01	-3.5961e+00
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	3.0781e+01	1.0718e+01	-1.7673e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	2.8052e+01	1.0449e+01	-1.6311e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	2.8325e+01	1.2460e+01	-2.0594e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	3.0758e+01	1.3125e+01	-2.1956e+00
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	3.1054e+01	7.0324e+00	-9.9819e-01
	756	0.0000e+00	0.0000e+00	0.0000e+00	2.8055e+01	7.0857e+00	-1.3639e+00
	757	0.0000e+00	0.0000e+00	0.0000e+00	2.7893e+01	9.4701e+00	-1.5233e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	3.0545e+01	9.8709e+00	-1.1576e+00
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	3.1743e+01	3.1405e+00	-6.4036e-01
	755	0.0000e+00	0.0000e+00	0.0000e+00	2.8484e+01	3.3828e+00	-1.3158e+00
	756	0.0000e+00	0.0000e+00	0.0000e+00	2.8015e+01	5.9175e+00	-1.2512e+00
	746	0.0000e+00	0.0000e+00	0.0000e+00	3.0973e+01	6.0190e+00	-5.7575e-01
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	3.2511e+01	-3.1882e-01	-4.4470e-01



	754	0.0000e+00	0.0000e+00	0.0000e+00	2.9171e+01	-2.8607e-01	-1.2083e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	2.8475e+01	2.1949e+00	-1.1478e+00
	745	0.0000e+00	0.0000e+00	0.0000e+00	3.1805e+01	2.0958e+00	-3.8418e-01
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	3.2934e+01	-2.5438e+00	-1.3804e-01
	654	0.0000e+00	0.0000e+00	0.0000e+00	2.9490e+01	-2.8474e+00	-5.1161e-01
	754	0.0000e+00	0.0000e+00	0.0000e+00	2.9102e+01	-1.2813e+00	-7.0400e-01
	744	0.0000e+00	0.0000e+00	0.0000e+00	3.2637e+01	-1.1656e+00	-3.3044e-01
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	4.1552e+01	9.2016e+00	-1.0562e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	4.0955e+01	1.0178e+01	-8.7342e+00
	753	0.0000e+00	0.0000e+00	0.0000e+00	4.1419e+01	6.4766e+00	-7.4532e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	4.4442e+01	4.6606e+00	-9.2810e+00
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	3.9464e+01	1.4963e+01	-1.0306e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	3.7717e+01	1.4218e+01	-7.9314e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	3.9937e+01	1.1709e+01	-8.3073e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	4.1601e+01	1.1783e+01	-1.0682e+01
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	3.7486e+01	1.7494e+01	-8.4307e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	3.4937e+01	1.6257e+01	-6.5430e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	3.6754e+01	1.5145e+01	-7.6557e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	3.9133e+01	1.6334e+01	-9.5433e+00
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	3.6125e+01	1.7572e+01	-5.9803e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	3.2974e+01	1.6236e+01	-4.7940e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	3.4215e+01	1.6509e+01	-6.1403e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	3.7060e+01	1.8107e+01	-7.3266e+00
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	3.5555e+01	1.5599e+01	-3.5299e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	3.1936e+01	1.4469e+01	-3.1130e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	3.2514e+01	1.5871e+01	-4.3651e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	3.5742e+01	1.7471e+01	-4.7820e+00
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	3.5779e+01	1.2134e+01	-1.4801e+00
	747	0.0000e+00	0.0000e+00	0.0000e+00	3.1764e+01	1.1424e+01	-1.7639e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	3.1735e+01	1.3614e+01	-2.7008e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	3.5286e+01	1.4947e+01	-2.4169e+00
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	3.6646e+01	7.7903e+00	-9.3960e-02
	746	0.0000e+00	0.0000e+00	0.0000e+00	3.2280e+01	7.6115e+00	-9.0993e-01
	747	0.0000e+00	0.0000e+00	0.0000e+00	3.1783e+01	1.0230e+01	-1.3963e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	3.5645e+01	1.1111e+01	-5.8029e-01
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	3.7846e+01	3.2923e+00	5.1544e-01
	745	0.0000e+00	0.0000e+00	0.0000e+00	3.3204e+01	3.5883e+00	-5.5940e-01
	746	0.0000e+00	0.0000e+00	0.0000e+00	3.2442e+01	6.2642e+00	-5.7621e-01
	736	0.0000e+00	0.0000e+00	0.0000e+00	3.6636e+01	6.5968e+00	4.9863e-01
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	3.8910e+01	-5.1302e-01	4.2682e-01
	744	0.0000e+00	0.0000e+00	0.0000e+00	3.4133e+01	3.6223e-02	-5.2160e-01
	745	0.0000e+00	0.0000e+00	0.0000e+00	3.3393e+01	2.3284e+00	-1.9137e-01
	735	0.0000e+00	0.0000e+00	0.0000e+00	3.7910e+01	2.1577e+00	7.5705e-01
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	3.9418e+01	-2.7882e+00	-1.1004e-01
	643	0.0000e+00	0.0000e+00	0.0000e+00	3.4494e+01	-2.2032e+00	-5.0582e-01
	744	0.0000e+00	0.0000e+00	0.0000e+00	3.4224e+01	-8.4570e-01	-1.6673e-02
	734	0.0000e+00	0.0000e+00	0.0000e+00	3.8962e+01	-1.3270e+00	3.7911e-01
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	4.2365e+01	8.5809e+00	-1.2326e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	4.2336e+01	9.0692e+00	-1.1099e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	4.5012e+01	3.5248e+00	-9.3905e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	4.1941e+01	2.8879e-01	-1.0618e+01
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	4.1302e+01	1.6658e+01	-1.2528e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	3.9990e+01	1.5743e+01	-1.0707e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	4.1332e+01	1.1691e+01	-1.1185e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	4.3301e+01	1.1818e+01	-1.3006e+01
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	4.0455e+01	2.0428e+01	-9.9671e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	3.7950e+01	1.8628e+01	-8.7129e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	3.9257e+01	1.6827e+01	-1.0302e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	4.1449e+01	1.8491e+01	-1.1556e+01
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	4.0030e+01	2.0825e+01	-6.6920e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	3.6706e+01	1.8819e+01	-6.0930e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	3.7439e+01	1.8882e+01	-8.0657e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	4.0397e+01	2.1176e+01	-8.6647e+00

1866	728	0.0000e+00	0.0000e+00	0.0000e+00	4.0248e+01	1.8599e+01	-3.3337e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	3.6337e+01	1.6792e+01	-3.4628e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	3.6448e+01	1.8321e+01	-5.3683e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	3.9900e+01	2.0668e+01	-5.2391e+00
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	4.1186e+01	1.4440e+01	-4.3461e-01
	737	0.0000e+00	0.0000e+00	0.0000e+00	3.6823e+01	1.3173e+01	-1.2626e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	3.6338e+01	1.5716e+01	-2.7756e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	4.0152e+01	1.7747e+01	-1.9477e+00
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	4.2758e+01	9.0646e+00	1.5673e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	3.8007e+01	8.6054e+00	1.8678e-01
	737	0.0000e+00	0.0000e+00	0.0000e+00	3.7067e+01	1.1691e+01	-6.7716e-01
	727	0.0000e+00	0.0000e+00	0.0000e+00	4.1166e+01	1.3115e+01	7.0335e-01
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	4.4643e+01	3.3734e+00	2.3246e+00
	735	0.0000e+00	0.0000e+00	0.0000e+00	3.9551e+01	3.8445e+00	7.1043e-01
	736	0.0000e+00	0.0000e+00	0.0000e+00	3.8422e+01	6.9425e+00	6.5919e-01
	726	0.0000e+00	0.0000e+00	0.0000e+00	4.2810e+01	7.5253e+00	2.2734e+00
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	4.6233e+01	-1.4594e+00	1.7177e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	4.0947e+01	-2.0997e-01	3.7098e-01
	735	0.0000e+00	0.0000e+00	0.0000e+00	3.9991e+01	2.3060e+00	1.1115e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	4.4718e+01	1.9411e+00	2.4582e+00
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	4.7012e+01	-4.2059e+00	7.9082e-02
	632	0.0000e+00	0.0000e+00	0.0000e+00	4.1497e+01	-2.6708e+00	-4.8241e-01
	734	0.0000e+00	0.0000e+00	0.0000e+00	4.1207e+01	-1.2418e+00	7.7495e-01
	724	0.0000e+00	0.0000e+00	0.0000e+00	4.6273e+01	-2.4477e+00	1.3364e+00
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	4.1481e+01	8.0577e+00	-1.2600e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	4.2477e+01	7.2353e+00	-1.2206e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	4.9040e+01	-6.8346e-01	-1.0475e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	3.5641e+01	-5.2811e+00	-1.0869e+01
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	4.1616e+01	1.8756e+01	-1.3464e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	4.1524e+01	1.7709e+01	-1.2394e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	4.1613e+01	1.1506e+01	-1.3047e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	4.3492e+01	1.1884e+01	-1.4117e+01
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	4.2086e+01	2.4105e+01	-1.0333e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	4.0540e+01	2.1781e+01	-9.8688e+00
	731	0.0000e+00	0.0000e+00	0.0000e+00	4.1197e+01	1.9050e+01	-1.1888e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	4.2280e+01	2.1127e+01	-1.2352e+01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	4.2642e+01	2.5003e+01	-6.4629e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	4.0234e+01	2.2338e+01	-6.5237e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	4.0329e+01	2.2128e+01	-9.0564e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	4.2436e+01	2.4984e+01	-8.9957e+00
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	4.3580e+01	2.2612e+01	-2.3577e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	4.0636e+01	2.0044e+01	-3.0292e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	4.0204e+01	2.1766e+01	-5.5815e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	4.2779e+01	2.4762e+01	-4.9099e+00
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	4.5098e+01	1.7693e+01	1.3542e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	4.1821e+01	1.5685e+01	2.0348e-02
	728	0.0000e+00	0.0000e+00	0.0000e+00	4.0828e+01	1.8774e+01	-2.1470e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	4.3643e+01	2.1491e+01	-8.1311e-01
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	4.7281e+01	1.0939e+01	4.0467e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	4.3732e+01	9.9953e+00	2.0947e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	4.2277e+01	1.3878e+01	7.2378e-01
	717	0.0000e+00	0.0000e+00	0.0000e+00	4.5155e+01	1.5923e+01	2.6757e+00
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	4.9919e+01	3.3285e+00	5.0225e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	4.6064e+01	3.8947e+00	2.7309e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	4.4428e+01	7.8713e+00	2.5598e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	4.7350e+01	8.8103e+00	4.8515e+00
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	5.2269e+01	-3.4846e+00	3.7566e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	4.8205e+01	-1.3836e+00	1.7594e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	4.6837e+01	1.8331e+00	2.9763e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	4.9973e+01	1.2811e+00	4.9735e+00
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	5.3477e+01	-7.2683e+00	5.3179e-01
	621	0.0000e+00	0.0000e+00	0.0000e+00	4.9133e+01	-4.5072e+00	-3.4133e-01
	724	0.0000e+00	0.0000e+00	0.0000e+00	4.8720e+01	-2.7860e+00	1.8999e+00

	714	0.0000e+00	0.0000e+00	0.0000e+00	5.2288e+01	-4.9108e+00	2.7730e+00
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	3.7590e+01	8.0558e+00	-1.1028e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	4.0214e+01	4.8894e+00	-1.1637e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	5.2882e+01	-5.5646e+00	-1.0447e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	2.3806e+01	-1.1323e+01	-9.8390e+00
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	3.8888e+01	2.1069e+01	-1.2888e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	4.1145e+01	2.0030e+01	-1.2707e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	3.9601e+01	1.1304e+01	-1.3558e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	4.0765e+01	1.2121e+01	-1.3739e+01
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	4.0634e+01	2.8171e+01	-9.4911e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	4.1391e+01	2.5460e+01	-9.8375e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	4.1363e+01	2.1675e+01	-1.2148e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	4.0026e+01	2.4000e+01	-1.1801e+01
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	4.1976e+01	2.9777e+01	-5.4325e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	4.2018e+01	2.6555e+01	-6.0481e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	4.1500e+01	2.6011e+01	-8.9899e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	4.1364e+01	2.9202e+01	-8.3743e+00
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	4.3284e+01	2.7465e+01	-8.9102e-01
	718	0.0000e+00	0.0000e+00	0.0000e+00	4.3027e+01	2.4093e+01	-1.8831e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	4.2163e+01	2.6027e+01	-5.0165e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	4.2327e+01	2.9485e+01	-4.0244e+00
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	4.4873e+01	2.1959e+01	3.5143e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	4.4649e+01	1.8946e+01	1.9850e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	4.3300e+01	2.2742e+01	-9.2064e-01
	708	0.0000e+00	0.0000e+00	0.0000e+00	4.3416e+01	2.6063e+01	6.0859e-01
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	4.7085e+01	1.3738e+01	7.0508e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	4.7048e+01	1.1799e+01	4.8326e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	4.5183e+01	1.6878e+01	2.6896e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	4.4879e+01	1.9611e+01	4.9078e+00
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	5.0099e+01	3.4866e+00	8.6245e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	5.0125e+01	3.6206e+00	5.7578e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	4.7948e+01	9.1438e+00	5.1221e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	4.7015e+01	1.0663e+01	7.9888e+00
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	5.3317e+01	-6.8547e+00	6.8850e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	5.3253e+01	-3.8933e+00	4.0012e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	5.1312e+01	7.5391e-01	5.5911e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	4.9966e+01	2.4930e-01	8.4749e+00
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	5.5090e+01	-1.2901e+01	1.3855e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	5.4834e+01	-8.3569e+00	-2.2465e-03
	714	0.0000e+00	0.0000e+00	0.0000e+00	5.4214e+01	-6.0159e+00	3.5959e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	5.3164e+01	-9.3158e+00	4.9837e+00
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	2.9012e+01	9.1006e+00	-7.4697e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	3.4036e+01	2.3305e+00	-9.0813e+00
	713	0.0000e+00	0.0000e+00	0.0000e+00	5.5393e+01	-1.0207e+01	-9.2016e+00
	703	0.0000e+00	0.0000e+00	0.0000e+00	4.6986e+00	-1.6715e+01	-7.5900e+00
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	3.0889e+01	2.3409e+01	-1.0892e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	3.7222e+01	2.2390e+01	-1.1504e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	3.3817e+01	1.1204e+01	-1.2465e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	3.3170e+01	1.2278e+01	-1.1852e+01
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	3.3611e+01	3.2260e+01	-7.6603e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	3.8589e+01	2.9212e+01	-8.6416e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	3.8066e+01	2.4386e+01	-1.1025e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	3.2334e+01	2.6534e+01	-1.0043e+01
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	3.5389e+01	3.4664e+01	-3.9689e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	3.9906e+01	3.1067e+01	-4.8884e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	3.8998e+01	3.0097e+01	-7.9825e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	3.4609e+01	3.3246e+01	-7.0630e+00
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	3.6547e+01	3.2687e+01	4.6556e-01
	708	0.0000e+00	0.0000e+00	0.0000e+00	4.1090e+01	2.8694e+01	-4.5112e-01
	709	0.0000e+00	0.0000e+00	0.0000e+00	4.0111e+01	3.0739e+01	-3.9623e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	3.5844e+01	3.4401e+01	-3.0456e+00
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	3.7359e+01	2.6919e+01	5.1512e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	4.2498e+01	2.2937e+01	4.0351e+00

	708	0.0000e+00	0.0000e+00	0.0000e+00	4.1217e+01	2.7452e+01	4.5030e-01
	698	0.0000e+00	0.0000e+00	0.0000e+00	3.6592e+01	3.1285e+01	1.5664e+00
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	3.8262e+01	1.7558e+01	9.4522e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	4.4555e+01	1.4234e+01	7.8218e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	4.2743e+01	2.0834e+01	4.6613e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	3.7081e+01	2.4400e+01	6.2917e+00
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	3.9910e+01	4.5539e+00	1.2240e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	4.7723e+01	3.2406e+00	9.6791e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	4.5197e+01	1.1212e+01	7.8420e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	3.7737e+01	1.3903e+01	1.0403e+01
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	4.3471e+01	-1.1484e+01	1.1299e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	5.1719e+01	-8.0907e+00	7.5510e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	4.9097e+01	-6.5434e-01	8.7739e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	3.9216e+01	7.3520e-02	1.2522e+01
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	4.5710e+01	-2.2880e+01	2.8780e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	5.4516e+01	-1.5406e+01	6.2736e-01
	704	0.0000e+00	0.0000e+00	0.0000e+00	5.3517e+01	-1.1721e+01	6.1115e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	4.2580e+01	-1.6203e+01	8.3621e+00
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	1.1874e+01	9.6322e+00	-3.3947e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	2.2446e+01	-3.8848e-01	-4.9757e+00
	703	0.0000e+00	0.0000e+00	0.0000e+00	5.4268e+01	-1.3157e+01	-6.8596e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	-2.2849e+01	-1.9070e+01	-5.2786e+00
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	1.3812e+01	2.2327e+01	-7.7978e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	2.7648e+01	2.4413e+01	-9.3246e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	2.1821e+01	1.0974e+01	-1.0495e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	1.6837e+01	1.5613e+01	-8.9683e+00
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	1.7378e+01	3.3736e+01	-5.1044e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	2.9759e+01	3.2593e+01	-6.7211e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	2.8428e+01	2.6605e+01	-9.1860e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	1.5743e+01	3.0836e+01	-7.5693e+00
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	1.9515e+01	3.8139e+01	-2.3575e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	3.1312e+01	3.5350e+01	-3.4751e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	3.0072e+01	3.3724e+01	-6.5741e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	1.8705e+01	3.7690e+01	-5.4565e+00
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	2.0348e+01	3.7858e+01	1.2217e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	3.2033e+01	3.3392e+01	7.0725e-01
	699	0.0000e+00	0.0000e+00	0.0000e+00	3.1397e+01	3.5293e+01	-2.9504e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	2.0040e+01	3.8801e+01	-2.4360e+00
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	1.9765e+01	3.3314e+01	5.2593e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	3.2203e+01	2.7393e+01	5.3142e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	3.2001e+01	3.2469e+01	1.3391e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	2.0068e+01	3.5213e+01	1.2841e+00
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	1.7768e+01	2.4656e+01	9.3298e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	3.2200e+01	1.7465e+01	9.8144e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	3.2186e+01	2.5708e+01	5.8083e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.8671e+01	2.7250e+01	5.3237e+00
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	1.4502e+01	1.1663e+01	1.2942e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	3.2980e+01	3.5111e+00	1.3397e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	3.2443e+01	1.4944e+01	9.7337e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.5874e+01	1.4779e+01	9.2787e+00
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	1.3314e+01	-7.0049e+00	1.4948e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	3.5048e+01	-1.4018e+01	1.3748e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	3.4249e+01	-1.1043e-01	1.1990e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	1.1910e+01	-3.2923e+00	1.3191e+01
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	1.2562e+01	-3.7910e+01	4.5234e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	4.0708e+01	-2.8178e+01	1.7805e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	3.9896e+01	-2.0709e+01	1.0226e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	8.3412e+00	-2.9388e+01	1.2969e+01
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	-1.9975e+01	5.1679e+01	-1.5350e+00
	691	0.0000e+00	0.0000e+00	0.0000e+00	-2.7210e+00	-2.7075e+00	5.6345e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	4.7839e+01	-1.2201e+01	-2.8515e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	-5.7381e+01	-4.8088e+01	-1.0021e+01
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	-1.6578e+01	5.4878e+01	-1.5047e+00

	689	0.0000e+00	0.0000e+00	0.0000e+00	1.5496e+00	2.3982e+01	-1.8934e+00
	691	0.0000e+00	0.0000e+00	0.0000e+00	5.7358e+00	1.2062e+01	-3.3700e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	-2.1478e+01	-1.5615e+01	-2.9813e+00
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.2777e+01	5.4241e+01	-1.0877e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	6.4437e+00	3.3960e+01	-1.9340e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	9.5515e+00	2.8609e+01	-2.6462e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	-1.7438e+01	9.8813e+00	-1.7999e+00
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.0037e+01	4.7738e+01	-5.0967e-01
	685	0.0000e+00	0.0000e+00	0.0000e+00	9.8210e+00	3.8164e+01	-1.5181e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	1.0631e+01	3.6338e+01	-2.6163e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.2697e+01	2.9158e+01	-1.6079e+00
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	-9.3824e+00	3.6516e+01	4.1289e-01
	683	0.0000e+00	0.0000e+00	0.0000e+00	1.1623e+01	3.7328e+01	-2.1002e-01
	685	0.0000e+00	0.0000e+00	0.0000e+00	1.0749e+01	3.8502e+01	-1.6912e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	-9.6511e+00	4.2543e+01	-1.0683e+00
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.1577e+01	2.0649e+01	1.3605e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.1613e+01	3.1876e+01	1.5277e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	9.3349e+00	3.5949e+01	-8.3307e-02
	684	0.0000e+00	0.0000e+00	0.0000e+00	-8.9927e+00	5.0687e+01	-2.5048e-01
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.7401e+01	-2.8952e-01	1.8521e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	9.5316e+00	2.1817e+01	3.2017e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	6.0204e+00	2.9019e+01	1.7664e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.1414e+01	5.4254e+01	4.1679e-01
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	-2.7962e+01	-2.7137e+01	1.3770e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	5.1422e+00	6.6676e+00	4.3674e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	3.5965e-01	1.7719e+01	3.3448e+00
	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.7692e+01	5.3753e+01	3.5432e-01
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	-4.4655e+01	-6.1414e+01	8.1658e-02
	675	0.0000e+00	0.0000e+00	0.0000e+00	-2.1494e+00	-1.6038e+01	5.3143e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	-8.3136e+00	1.8725e+00	4.2744e+00
	678	0.0000e+00	0.0000e+00	0.0000e+00	-2.8890e+01	4.9515e+01	-9.5826e-01
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.0200e+02	-1.0963e+02	1.5351e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	2.7788e+01	-4.8650e+01	6.0124e+00
	675	0.0000e+00	0.0000e+00	0.0000e+00	-1.8946e+01	-2.9532e+01	-1.1254e+00
	676	0.0000e+00	0.0000e+00	0.0000e+00	-4.7054e+01	4.7007e+01	-5.6027e+00
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	2.4718e+01	-3.8710e+00	1.1688e+00
	674	0.0000e+00	0.0000e+00	0.0000e+00	2.5446e+01	-1.4908e+00	3.4639e-01
	21	0.0000e+00	0.0000e+00	0.0000e+00	2.0484e+01	-9.5818e+00	-2.8047e-01
	665	0.0000e+00	0.0000e+00	0.0000e+00	2.8020e+01	-5.9593e+00	5.4198e-01
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	2.5437e+01	-2.6079e-01	1.4794e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	2.7021e+01	-4.1916e-01	9.8070e-01
	674	0.0000e+00	0.0000e+00	0.0000e+00	2.6497e+01	-2.5926e+00	8.7744e-01
	664	0.0000e+00	0.0000e+00	0.0000e+00	2.4953e+01	-2.5463e+00	1.3762e+00
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	2.5667e+01	1.5609e+00	1.0368e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	2.7453e+01	1.6662e+00	1.0055e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	2.7408e+01	8.8183e-02	1.0659e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	2.5648e+01	7.3800e-02	1.0972e+00
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	2.5750e+01	3.0452e+00	5.4511e-01
	671	0.0000e+00	0.0000e+00	0.0000e+00	2.7600e+01	3.3237e+00	5.6567e-01
	672	0.0000e+00	0.0000e+00	0.0000e+00	2.7657e+01	2.1580e+00	7.9176e-01
	662	0.0000e+00	0.0000e+00	0.0000e+00	2.5735e+01	1.9885e+00	7.7121e-01
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	2.6055e+01	3.9423e+00	-1.7953e-03
	670	0.0000e+00	0.0000e+00	0.0000e+00	2.7960e+01	4.3046e+00	-2.0664e-01
	671	0.0000e+00	0.0000e+00	0.0000e+00	2.7768e+01	3.6548e+00	1.3405e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	2.5834e+01	3.3419e+00	3.3890e-01
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	2.6749e+01	4.0609e+00	-5.4870e-01
	669	0.0000e+00	0.0000e+00	0.0000e+00	2.8718e+01	4.3975e+00	-1.0826e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	2.8157e+01	4.3654e+00	-7.2404e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	2.6233e+01	3.9915e+00	-1.9019e-01
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	2.7757e+01	3.3059e+00	-1.0438e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	2.9772e+01	3.5318e+00	-1.8227e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	2.8940e+01	4.1597e+00	-1.5445e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	2.7017e+01	3.8342e+00	-7.6555e-01

1929	657	0.0000e+00	0.0000e+00	0.0000e+00	2.8795e+01	1.6066e+00	-1.4778e+00
	667	0.0000e+00	0.0000e+00	0.0000e+00	3.0701e+01	1.7021e+00	-2.2317e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	2.9943e+01	3.0503e+00	-2.0894e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	2.8030e+01	2.8636e+00	-1.3355e+00
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	2.9133e+01	-1.4498e+00	-1.9143e+00
	666	0.0000e+00	0.0000e+00	0.0000e+00	3.0980e+01	-1.4013e+00	-2.1992e+00
	667	0.0000e+00	0.0000e+00	0.0000e+00	3.0649e+01	1.0702e+00	-2.2079e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	2.8889e+01	1.1361e+00	-1.9231e+00
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	3.4003e+01	-6.2409e+00	-1.1383e+00
	20	0.0000e+00	0.0000e+00	0.0000e+00	2.5081e+01	-1.0394e+01	-1.0425e+00
	666	0.0000e+00	0.0000e+00	0.0000e+00	3.0113e+01	-2.9818e-01	-1.6184e+00
	656	0.0000e+00	0.0000e+00	0.0000e+00	2.9165e+01	-3.3102e+00	-1.7142e+00
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	2.8247e+01	-3.2913e+00	9.6372e-01
	664	0.0000e+00	0.0000e+00	0.0000e+00	2.5829e+01	-3.8483e+00	1.4578e+00
	665	0.0000e+00	0.0000e+00	0.0000e+00	2.6454e+01	-4.7880e+00	5.8523e-01
	654	0.0000e+00	0.0000e+00	0.0000e+00	2.8619e+01	-3.6158e+00	9.1201e-02
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	2.7048e+01	-9.3406e-01	9.4010e-01
	663	0.0000e+00	0.0000e+00	0.0000e+00	2.5709e+01	-7.9265e-01	1.4828e+00
	664	0.0000e+00	0.0000e+00	0.0000e+00	2.6242e+01	-2.0945e+00	1.7292e+00
	653	0.0000e+00	0.0000e+00	0.0000e+00	2.7611e+01	-2.4414e+00	1.1865e+00
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	2.6359e+01	1.0652e+00	6.7125e-01
	662	0.0000e+00	0.0000e+00	0.0000e+00	2.5606e+01	1.2841e+00	1.0171e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	2.5763e+01	1.0220e-01	1.3570e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	2.6900e+01	-3.5252e-01	1.0111e+00
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	2.6100e+01	2.6228e+00	4.7011e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	2.5577e+01	2.8209e+00	6.2509e-01
	662	0.0000e+00	0.0000e+00	0.0000e+00	2.5642e+01	1.8803e+00	8.9415e-01
	651	0.0000e+00	0.0000e+00	0.0000e+00	2.6348e+01	1.5452e+00	7.3918e-01
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	2.6325e+01	3.5227e+00	3.6916e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	2.5860e+01	3.7347e+00	2.0005e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	2.5667e+01	3.1695e+00	4.3100e-01
	650	0.0000e+00	0.0000e+00	0.0000e+00	2.6178e+01	2.9237e+00	6.0012e-01
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	2.7115e+01	3.5984e+00	2.8684e-01
	659	0.0000e+00	0.0000e+00	0.0000e+00	2.6574e+01	3.8739e+00	-2.7596e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	2.6047e+01	3.7837e+00	-3.0690e-02
	649	0.0000e+00	0.0000e+00	0.0000e+00	2.6506e+01	3.5732e+00	5.3211e-01
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	2.8432e+01	2.7693e+00	1.0574e-01
	658	0.0000e+00	0.0000e+00	0.0000e+00	2.7665e+01	3.1704e+00	-8.0716e-01
	659	0.0000e+00	0.0000e+00	0.0000e+00	2.6858e+01	3.5924e+00	-4.9182e-01
	648	0.0000e+00	0.0000e+00	0.0000e+00	2.7397e+01	3.3686e+00	4.2109e-01
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	3.0192e+01	1.0303e+00	-2.4707e-01
	657	0.0000e+00	0.0000e+00	0.0000e+00	2.8929e+01	1.6020e+00	-1.4016e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	2.7995e+01	2.5450e+00	-9.7363e-01
	647	0.0000e+00	0.0000e+00	0.0000e+00	2.8796e+01	2.2686e+00	1.8085e-01
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	3.2179e+01	-1.5059e+00	-5.3687e-01
	656	0.0000e+00	0.0000e+00	0.0000e+00	3.0654e+01	-9.9086e-01	-1.9796e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	2.9231e+01	4.9615e-01	-1.6069e+00
	646	0.0000e+00	0.0000e+00	0.0000e+00	3.0690e+01	2.7262e-01	-1.6419e-01
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	3.4549e+01	-3.8201e+00	5.5028e-01
	655	0.0000e+00	0.0000e+00	0.0000e+00	3.2116e+01	-4.9537e+00	-9.0217e-01
	656	0.0000e+00	0.0000e+00	0.0000e+00	3.0518e+01	-3.3464e+00	-1.7530e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	3.3216e+01	-2.7938e+00	-3.0055e-01
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	3.2472e+01	-2.8285e+00	3.4763e-02
	653	0.0000e+00	0.0000e+00	0.0000e+00	2.8899e+01	-2.8403e+00	4.7186e-01
	654	0.0000e+00	0.0000e+00	0.0000e+00	2.9414e+01	-3.0639e+00	3.3361e-01
	643	0.0000e+00	0.0000e+00	0.0000e+00	3.2840e+01	-2.8016e+00	-1.0349e-01
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	3.1258e+01	-1.2421e+00	-9.1496e-02
	652	0.0000e+00	0.0000e+00	0.0000e+00	2.7975e+01	-9.4646e-01	7.6474e-01
	653	0.0000e+00	0.0000e+00	0.0000e+00	2.8845e+01	-2.1540e+00	9.9432e-01
	642	0.0000e+00	0.0000e+00	0.0000e+00	3.2116e+01	-2.3133e+00	1.3809e-01
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	3.0127e+01	8.6796e-01	-1.2016e-01
	651	0.0000e+00	0.0000e+00	0.0000e+00	2.7224e+01	1.0232e+00	6.0873e-01
	652	0.0000e+00	0.0000e+00	0.0000e+00	2.7814e+01	-1.5571e-01	8.7979e-01

	641	0.0000e+00	0.0000e+00	0.0000e+00	3.1008e+01	-5.3764e-01	1.5091e-01
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	2.9514e+01	2.6683e+00	1.6733e-01
	650	0.0000e+00	0.0000e+00	0.0000e+00	2.6831e+01	2.6549e+00	5.5491e-01
	651	0.0000e+00	0.0000e+00	0.0000e+00	2.7094e+01	1.7069e+00	6.6164e-01
	640	0.0000e+00	0.0000e+00	0.0000e+00	3.0034e+01	1.4820e+00	2.7406e-01
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	2.9639e+01	3.6942e+00	7.2870e-01
	649	0.0000e+00	0.0000e+00	0.0000e+00	2.6981e+01	3.6275e+00	6.1951e-01
	650	0.0000e+00	0.0000e+00	0.0000e+00	2.6832e+01	3.0584e+00	5.9320e-01
	639	0.0000e+00	0.0000e+00	0.0000e+00	2.9567e+01	3.0438e+00	7.0238e-01
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	3.0591e+01	3.7075e+00	1.3471e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	2.7783e+01	3.7475e+00	6.7070e-01
	649	0.0000e+00	0.0000e+00	0.0000e+00	2.7172e+01	3.6605e+00	6.5040e-01
	638	0.0000e+00	0.0000e+00	0.0000e+00	2.9837e+01	3.7407e+00	1.3268e+00
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	3.2318e+01	2.6736e+00	1.7747e+00
	647	0.0000e+00	0.0000e+00	0.0000e+00	2.9219e+01	2.9435e+00	5.6674e-01
	648	0.0000e+00	0.0000e+00	0.0000e+00	2.8165e+01	3.3767e+00	6.9513e-01
	637	0.0000e+00	0.0000e+00	0.0000e+00	3.0934e+01	3.3920e+00	1.9031e+00
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	3.4624e+01	7.8460e-01	1.8920e+00
	646	0.0000e+00	0.0000e+00	0.0000e+00	3.1178e+01	1.2376e+00	2.7462e-01
	647	0.0000e+00	0.0000e+00	0.0000e+00	2.9734e+01	2.1919e+00	5.8999e-01
	636	0.0000e+00	0.0000e+00	0.0000e+00	3.2804e+01	2.0199e+00	2.2074e+00
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	3.7149e+01	-1.4543e+00	1.8861e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	3.3543e+01	-1.2101e+00	4.8273e-02
	646	0.0000e+00	0.0000e+00	0.0000e+00	3.1720e+01	2.1683e-01	3.4463e-01
	635	0.0000e+00	0.0000e+00	0.0000e+00	3.5263e+01	-1.2630e-01	2.1825e+00
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	3.9317e+01	-3.1373e+00	2.0521e+00
	644	0.0000e+00	0.0000e+00	0.0000e+00	3.5464e+01	-3.2423e+00	5.9278e-01
	645	0.0000e+00	0.0000e+00	0.0000e+00	3.3961e+01	-2.3524e+00	5.5597e-01
	634	0.0000e+00	0.0000e+00	0.0000e+00	3.7874e+01	-2.3844e+00	2.0153e+00
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	3.8849e+01	-3.0910e+00	-9.1240e-01
	642	0.0000e+00	0.0000e+00	0.0000e+00	3.4032e+01	-2.5207e+00	-4.8375e-01
	643	0.0000e+00	0.0000e+00	0.0000e+00	3.4477e+01	-2.4569e+00	1.1987e-01
	632	0.0000e+00	0.0000e+00	0.0000e+00	3.9269e+01	-3.0829e+00	-3.0878e-01
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	3.7460e+01	-1.3828e+00	-1.4616e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	3.2884e+01	-1.0362e+00	-4.4732e-01
	642	0.0000e+00	0.0000e+00	0.0000e+00	3.3765e+01	-2.0009e+00	3.8849e-02
	631	0.0000e+00	0.0000e+00	0.0000e+00	3.8626e+01	-2.6178e+00	-9.7542e-01
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	3.5979e+01	1.1722e+00	-1.3019e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	3.1674e+01	1.0977e+00	-2.6051e-01
	641	0.0000e+00	0.0000e+00	0.0000e+00	3.2509e+01	-1.7084e-01	-1.1172e-01
	630	0.0000e+00	0.0000e+00	0.0000e+00	3.7246e+01	-5.4023e-01	-1.1531e+00
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	3.5061e+01	3.4566e+00	-3.5882e-01
	639	0.0000e+00	0.0000e+00	0.0000e+00	3.0909e+01	3.0170e+00	2.7140e-01
	640	0.0000e+00	0.0000e+00	0.0000e+00	3.1367e+01	1.9189e+00	1.8016e-02
	629	0.0000e+00	0.0000e+00	0.0000e+00	3.5875e+01	1.9814e+00	-6.1220e-01
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	3.5101e+01	4.7320e+00	1.1244e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	3.0923e+01	4.1522e+00	1.0774e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	3.0819e+01	3.5126e+00	5.6129e-01
	628	0.0000e+00	0.0000e+00	0.0000e+00	3.5111e+01	3.9556e+00	6.0831e-01
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	3.6247e+01	4.6490e+00	2.7246e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	3.1869e+01	4.2114e+00	1.9004e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	3.1128e+01	4.1730e+00	1.3777e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	3.5324e+01	4.7713e+00	2.2020e+00
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	3.8410e+01	3.2153e+00	3.9953e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	3.3711e+01	3.1537e+00	2.4553e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	3.2371e+01	3.7230e+00	2.1869e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	3.6641e+01	4.1932e+00	3.7269e+00
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	4.1252e+01	8.1488e-01	4.6094e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	3.6219e+01	1.1978e+00	2.5861e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	3.4434e+01	2.2363e+00	2.7253e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	3.8954e+01	2.3433e+00	4.7486e+00
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	4.4196e+01	-1.7798e+00	4.4849e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	3.8921e+01	-1.1013e+00	2.3992e+00

	635	0.0000e+00	0.0000e+00	0.0000e+00	3.7014e+01	6.8458e-02	2.9092e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	4.1893e+01	-2.6361e-01	4.9949e+00
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	4.6453e+01	-3.5991e+00	3.7555e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	4.1145e+01	-2.7661e+00	2.1807e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	3.9611e+01	-2.1095e+00	2.9039e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	4.4808e+01	-2.7097e+00	4.4787e+00
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	4.6232e+01	-4.2672e+00	-2.0187e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	4.1070e+01	-3.0191e+00	-1.4913e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	4.1552e+01	-2.9712e+00	-6.3199e-02
	621	0.0000e+00	0.0000e+00	0.0000e+00	4.6815e+01	-4.5533e+00	-5.9062e-01
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	4.4402e+01	-1.6256e+00	-3.2616e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	3.9604e+01	-1.1846e+00	-1.9265e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	4.0592e+01	-2.3553e+00	-1.0908e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	4.6108e+01	-3.5705e+00	-2.4259e+00
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	4.2452e+01	2.0614e+00	-2.9110e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	3.7902e+01	1.5943e+00	-1.4870e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	3.8964e+01	-4.4414e-02	-1.5346e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	4.4264e+01	-4.1718e-01	-2.9586e+00
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	4.1218e+01	5.2419e+00	-1.1102e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	3.6738e+01	4.1201e+00	-2.0856e-01
	629	0.0000e+00	0.0000e+00	0.0000e+00	3.7387e+01	2.6848e+00	-1.0409e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	4.2388e+01	3.2126e+00	-1.9425e+00
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	4.1181e+01	6.9345e+00	1.5763e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	3.6607e+01	5.5568e+00	1.6007e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	3.6546e+01	4.7723e+00	3.1817e-01
	617	0.0000e+00	0.0000e+00	0.0000e+00	4.1291e+01	5.9363e+00	2.9377e-01
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	4.2512e+01	6.7005e+00	4.4443e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	3.7709e+01	5.5084e+00	3.4698e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	3.6828e+01	5.5744e+00	2.1660e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	4.1426e+01	6.9663e+00	3.1404e+00
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	4.5113e+01	4.5648e+00	6.7824e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	3.9973e+01	3.9779e+00	4.8925e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	3.8345e+01	4.8551e+00	4.0029e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	4.2926e+01	6.0312e+00	5.8929e+00
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	4.8564e+01	1.0657e+00	7.9505e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	4.3044e+01	1.3767e+00	5.4660e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	4.0938e+01	2.7780e+00	5.3474e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	4.5656e+01	3.3240e+00	7.8319e+00
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	5.2077e+01	-2.6665e+00	7.5585e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	4.6252e+01	-1.4609e+00	5.0662e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	4.4142e+01	-5.1836e-02	5.8612e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	4.9157e+01	-4.2182e-01	8.3535e+00
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	5.4539e+01	-5.1919e+00	5.7441e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	4.8904e+01	-3.4624e+00	3.9467e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	4.7199e+01	-2.6622e+00	5.4422e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	5.2616e+01	-3.8965e+00	7.2396e+00
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	5.2294e+01	-6.6955e+00	-3.4917e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	4.8652e+01	-4.6335e+00	-2.7244e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	4.9273e+01	-4.8674e+00	-2.6515e-01
	610	0.0000e+00	0.0000e+00	0.0000e+00	5.3222e+01	-7.6792e+00	-1.0324e+00
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	4.9755e+01	-2.0173e+00	-5.6976e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	4.6592e+01	-1.5958e+00	-3.8014e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	4.7859e+01	-3.5135e+00	-2.6293e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	5.2316e+01	-5.4150e+00	-4.5254e+00
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	4.7277e+01	3.7133e+00	-4.9950e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	4.4213e+01	2.6025e+00	-3.0797e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	4.5601e+01	1.1564e-01	-3.5367e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	4.9755e+01	-8.9501e-02	-5.4520e+00
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	4.5802e+01	8.2845e+00	-2.0511e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	4.2596e+01	6.2017e+00	-8.7256e-01
	618	0.0000e+00	0.0000e+00	0.0000e+00	4.3469e+01	4.1319e+00	-2.5743e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	4.7307e+01	5.4215e+00	-3.7528e+00
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	4.5718e+01	1.0574e+01	2.0906e+00



	616	0.0000e+00	0.0000e+00	0.0000e+00	4.2313e+01	8.1100e+00	2.1917e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	4.2310e+01	7.0797e+00	-1.5405e-01
	606	0.0000e+00	0.0000e+00	0.0000e+00	4.5925e+01	9.2650e+00	-2.5523e-01
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	4.7138e+01	1.0136e+01	6.4530e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	4.3543e+01	7.8753e+00	5.3795e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	4.2544e+01	8.1385e+00	2.9969e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	4.5971e+01	1.0600e+01	4.0704e+00
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	5.0018e+01	6.9616e+00	1.0099e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	4.6201e+01	5.5366e+00	7.9139e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	4.4292e+01	7.0161e+00	6.1103e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	4.7516e+01	9.1655e+00	8.2958e+00
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	5.4020e+01	1.6151e+00	1.2024e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	4.9897e+01	1.6579e+00	9.0345e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	4.7411e+01	3.9105e+00	8.4370e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	5.0472e+01	5.1374e+00	1.1427e+01
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	5.8215e+01	-4.3355e+00	1.1333e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	5.3810e+01	-2.5658e+00	8.2656e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	5.1361e+01	-3.4405e-01	9.3076e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	5.4473e+01	-6.3937e-01	1.2375e+01
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	6.0851e+01	-8.3097e+00	7.9831e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	5.7008e+01	-5.5081e+00	5.9144e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	5.5085e+01	-4.2503e+00	8.3291e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	5.8599e+01	-6.2342e+00	1.0398e+01
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	5.3153e+01	-1.0928e+01	-5.6345e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	5.4210e+01	-7.8556e+00	-4.4076e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	5.5076e+01	-8.7917e+00	-5.5942e-01
	599	0.0000e+00	0.0000e+00	0.0000e+00	5.4763e+01	-1.3346e+01	-1.7863e+00
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	4.9833e+01	-2.3703e+00	-8.8962e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	5.1163e+01	-2.2855e+00	-6.2220e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	5.2851e+01	-5.8016e+00	-4.9347e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	5.3542e+01	-8.2679e+00	-7.6090e+00
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	4.7264e+01	6.4124e+00	-7.3160e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	4.8009e+01	4.3741e+00	-5.0234e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	4.9753e+01	3.2008e-01	-6.3249e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	5.0147e+01	8.6104e-01	-8.6174e+00
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	4.6021e+01	1.2752e+01	-2.9327e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	4.6073e+01	9.5353e+00	-1.6737e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	4.7120e+01	6.4352e+00	-4.5757e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	4.7515e+01	8.9700e+00	-5.8347e+00
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	4.6045e+01	1.5748e+01	2.6827e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	4.5717e+01	1.2039e+01	2.8104e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	4.5769e+01	1.0647e+01	-8.1249e-01
	595	0.0000e+00	0.0000e+00	0.0000e+00	4.6252e+01	1.4118e+01	-9.4024e-01
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	4.7285e+01	1.5118e+01	8.4996e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	4.6959e+01	1.1513e+01	7.4947e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	4.5939e+01	1.2098e+01	3.8213e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	4.6276e+01	1.5773e+01	4.8261e+00
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	4.9825e+01	1.0749e+01	1.3574e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	4.9747e+01	7.9887e+00	1.1415e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	4.7706e+01	1.0480e+01	8.3687e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	4.7507e+01	1.3757e+01	1.0528e+01
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	5.3757e+01	2.8647e+00	1.6634e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	5.3865e+01	2.0383e+00	1.3390e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	5.1076e+01	5.8848e+00	1.1878e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	4.9999e+01	8.0555e+00	1.5122e+01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	5.8486e+01	-6.9105e+00	1.5932e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	5.8521e+01	-4.7354e+00	1.2229e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	5.5711e+01	-8.1753e-01	1.3287e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	5.3821e+01	-7.4003e-01	1.6991e+01
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	6.1098e+01	-1.3817e+01	1.0355e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	6.2398e+01	-9.4983e+00	7.9892e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	6.0309e+01	-7.3296e+00	1.1655e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	5.8412e+01	-1.0275e+01	1.4021e+01

1992	587	0.0000e+00	0.0000e+00	0.0000e+00	4.2457e+01	-1.7165e+01	-8.7952e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	5.3545e+01	-1.3393e+01	-6.7253e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	5.4867e+01	-1.5897e+01	-1.0739e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	4.5313e+01	-2.3325e+01	-3.1439e+00
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	3.9496e+01	-1.1625e+00	-1.2217e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	4.8966e+01	-2.8157e+00	-8.9250e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	5.1232e+01	-9.4432e+00	-8.4246e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	4.3875e+01	-1.2088e+01	-1.1717e+01
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	3.8706e+01	1.0924e+01	-8.6878e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	4.5635e+01	7.3768e+00	-6.8851e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	4.7558e+01	8.4238e-01	-9.6721e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	4.0421e+01	2.8190e+00	-1.1475e+01
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	3.8861e+01	1.8730e+01	-3.0724e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	4.4173e+01	1.4281e+01	-2.3399e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	4.5106e+01	9.8139e+00	-6.5415e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	3.9406e+01	1.3692e+01	-7.2739e+00
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	3.9327e+01	2.2173e+01	3.3718e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	4.4061e+01	1.7340e+01	3.3796e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	4.4103e+01	1.5521e+01	-1.3737e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	3.9301e+01	2.0108e+01	-1.3815e+00
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	3.9897e+01	2.1245e+01	9.9513e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	4.5049e+01	1.6449e+01	9.3494e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	4.4244e+01	1.7455e+01	4.5398e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	3.9487e+01	2.2190e+01	5.1416e+00
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	4.0727e+01	1.5720e+01	1.6014e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	4.7184e+01	1.1524e+01	1.4690e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	4.5477e+01	1.5400e+01	1.0322e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	3.9763e+01	1.9861e+01	1.1646e+01
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	4.2410e+01	5.1387e+00	2.0486e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	5.0775e+01	2.7577e+00	1.8083e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	4.8049e+01	9.1553e+00	1.5035e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	4.0288e+01	1.2817e+01	1.7437e+01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	4.6493e+01	-1.0458e+01	2.1047e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	5.5613e+01	-8.2223e+00	1.7112e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	5.2491e+01	-1.0517e+00	1.7304e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	4.1675e+01	8.0265e-01	2.1239e+01
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	4.8522e+01	-2.3643e+01	1.2728e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	6.0422e+01	-1.6596e+01	9.9668e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	5.8195e+01	-1.2628e+01	1.5325e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	4.5176e+01	-1.6201e+01	1.8086e+01
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	8.5078e+00	-2.8379e+01	-1.2783e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	3.9759e+01	-2.1585e+01	-1.0275e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	4.0906e+01	-2.8562e+01	-2.3433e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	1.2424e+01	-3.7486e+01	-4.8515e+00
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	1.3471e+01	-3.4599e+00	-1.1680e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	3.4848e+01	-8.4077e-01	-1.1451e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	3.4353e+01	-1.4443e+01	-1.4190e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	1.4429e+01	-6.3959e+00	-1.4419e+01
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	1.8329e+01	1.2939e+01	-6.7995e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	3.4046e+01	1.2207e+01	-7.9046e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	3.3653e+01	2.1849e+00	-1.2509e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.6490e+01	1.0576e+01	-1.1403e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	2.1594e+01	2.3071e+01	-1.5425e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	3.4506e+01	2.0219e+01	-2.4678e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	3.3826e+01	1.4130e+01	-7.5814e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	2.0406e+01	2.1412e+01	-6.6561e+00
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	2.3006e+01	2.8105e+01	4.1896e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	3.4919e+01	2.3511e+01	3.8230e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	3.4527e+01	2.1225e+01	-1.5294e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	2.2658e+01	2.7238e+01	-1.1628e+00
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	2.2474e+01	2.8307e+01	1.0036e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	3.4976e+01	2.2183e+01	1.0328e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	3.4997e+01	2.3698e+01	4.9256e+00

	567	0.0000e+00	0.0000e+00	0.0000e+00	2.3043e+01	2.8280e+01	4.6333e+00
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	1.9971e+01	2.3534e+01	1.5616e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	3.4743e+01	1.5953e+01	1.6526e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	3.5097e+01	2.1522e+01	1.1256e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	2.1456e+01	2.4386e+01	1.0346e+01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	1.5575e+01	1.3238e+01	2.0510e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	3.4940e+01	4.2532e+00	2.1704e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	3.5074e+01	1.4281e+01	1.6818e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	1.7850e+01	1.4980e+01	1.5624e+01
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	1.2792e+01	-4.0920e+00	2.3778e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	3.5917e+01	-1.3132e+01	2.3718e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	3.6216e+01	1.2981e+00	2.0557e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	1.2373e+01	-1.4764e+00	2.0616e+01
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	1.0036e+01	-3.6985e+01	1.4411e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	4.2640e+01	-2.9302e+01	1.2063e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	4.1464e+01	-2.0534e+01	1.9606e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	6.4730e+00	-2.7800e+01	2.1954e+01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	-4.2986e+01	4.3335e+01	7.6896e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	-1.8475e+01	-2.7821e+01	1.5963e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	2.8033e+01	-4.9013e+01	-6.0994e+00
	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.0179e+02	-1.0492e+02	-6.0751e-03
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	-2.3961e+01	4.4789e+01	2.8104e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	-5.3458e+00	1.2407e+00	-3.4281e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	5.8354e-02	-1.4682e+01	-4.5660e+00
	576	0.0000e+00	0.0000e+00	0.0000e+00	-4.1957e+01	-5.5975e+01	1.6725e+00
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	-1.2301e+01	4.6736e+01	1.9025e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	4.2572e+00	1.5596e+01	-1.7374e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	8.1773e+00	6.3128e+00	-3.2635e+00
	574	0.0000e+00	0.0000e+00	0.0000e+00	-2.3567e+01	-2.1803e+01	3.7632e-01
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	-6.2562e+00	4.4446e+01	2.6942e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	1.0336e+01	2.4652e+01	8.9879e-01
	571	0.0000e+00	0.0000e+00	0.0000e+00	1.2730e+01	1.9367e+01	-1.2638e+00
	572	0.0000e+00	0.0000e+00	0.0000e+00	-1.2274e+01	3.8593e+00	5.3167e-01
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	-4.7979e+00	3.7513e+01	4.3973e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	1.3458e+01	2.8622e+01	4.1171e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	1.4540e+01	2.6744e+01	1.6163e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	-6.4453e+00	2.2809e+01	1.8965e+00
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	-7.6629e+00	2.5226e+01	6.2007e+00
	565	0.0000e+00	0.0000e+00	0.0000e+00	1.3832e+01	2.7554e+01	7.3599e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	1.3614e+01	2.8977e+01	4.8979e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	-5.1057e+00	3.6184e+01	3.7387e+00
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.5245e+01	6.5413e+00	7.3307e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	1.1411e+01	2.1094e+01	1.0091e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	9.8263e+00	2.6123e+01	8.0427e+00
	566	0.0000e+00	0.0000e+00	0.0000e+00	-8.0894e+00	4.4735e+01	5.2824e+00
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	-2.8817e+01	-1.9999e+01	7.0573e+00
	561	0.0000e+00	0.0000e+00	0.0000e+00	6.0220e+00	8.3711e+00	1.1857e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	2.7854e+00	1.7833e+01	1.0500e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.5892e+01	4.8893e+01	5.6998e+00
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	-5.0329e+01	-5.6582e+01	5.2136e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	-3.3471e+00	-1.3302e+01	1.2925e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-8.2708e+00	3.5715e+00	1.1934e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-2.9840e+01	4.8817e+01	4.2221e+00
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.1540e+02	-1.1030e+02	6.4054e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	2.3794e+01	-4.9902e+01	1.4352e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	-2.3534e+01	-2.6723e+01	6.5418e+00
	560	0.0000e+00	0.0000e+00	0.0000e+00	-5.2029e+01	4.9155e+01	-1.4052e+00
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	2.9548e+01	-3.0659e+00	1.6759e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	3.0480e+01	-1.2788e-02	1.4719e+00
	19	0.0000e+00	0.0000e+00	0.0000e+00	2.5297e+01	-1.0271e+01	9.4201e-01
	548	0.0000e+00	0.0000e+00	0.0000e+00	3.4319e+01	-6.1674e+00	1.1460e+00
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	2.9467e+01	1.5890e+00	1.8541e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	3.1228e+01	1.5549e+00	2.0040e+00

	557	0.0000e+00	0.0000e+00	0.0000e+00	3.1416e+01	-1.0832e+00	2.0304e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	2.9582e+01	-1.1696e+00	1.8804e+00
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	2.8850e+01	3.5382e+00	1.2335e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	3.0778e+01	3.7564e+00	1.8207e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	3.1362e+01	2.2265e+00	1.9975e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	2.9451e+01	2.0943e+00	1.4104e+00
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	2.8136e+01	4.7355e+00	6.3469e-01
	554	0.0000e+00	0.0000e+00	0.0000e+00	3.0088e+01	5.0917e+00	1.2058e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	3.0705e+01	4.2746e+00	1.5176e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	2.8671e+01	4.0128e+00	9.4654e-01
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	2.7715e+01	5.0951e+00	3.2891e-02
	553	0.0000e+00	0.0000e+00	0.0000e+00	2.9685e+01	5.4988e+00	3.1189e-01
	554	0.0000e+00	0.0000e+00	0.0000e+00	2.9982e+01	5.3554e+00	7.0318e-01
	544	0.0000e+00	0.0000e+00	0.0000e+00	2.7980e+01	4.9837e+00	4.2418e-01
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	2.7743e+01	4.5767e+00	-5.2344e-01
	552	0.0000e+00	0.0000e+00	0.0000e+00	2.9740e+01	4.9189e+00	-6.2045e-01
	553	0.0000e+00	0.0000e+00	0.0000e+00	2.9621e+01	5.4416e+00	-2.4750e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	2.7666e+01	5.0448e+00	-1.5050e-01
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	2.8118e+01	3.2160e+00	-9.8949e-01
	551	0.0000e+00	0.0000e+00	0.0000e+00	3.0123e+01	3.4162e+00	-1.3506e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	2.9716e+01	4.5548e+00	-1.0916e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	2.7797e+01	4.2418e+00	-7.3053e-01
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	2.8527e+01	1.0588e+00	-1.3654e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	3.0381e+01	1.1093e+00	-1.6928e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	3.0062e+01	2.8386e+00	-1.5957e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	2.8186e+01	2.6965e+00	-1.2683e+00
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	2.8258e+01	-2.2004e+00	-1.7272e+00
	549	0.0000e+00	0.0000e+00	0.0000e+00	2.9944e+01	-2.1968e+00	-1.5635e+00
	550	0.0000e+00	0.0000e+00	0.0000e+00	3.0110e+01	4.4531e-01	-1.6242e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	2.8422e+01	5.6926e-01	-1.7879e+00
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	3.2186e+01	-6.8971e+00	-9.2625e-01
	18	0.0000e+00	0.0000e+00	0.0000e+00	2.3721e+01	-1.0841e+01	-3.8638e-01
	549	0.0000e+00	0.0000e+00	0.0000e+00	2.8907e+01	-1.1477e+00	-9.8530e-01
	539	0.0000e+00	0.0000e+00	0.0000e+00	2.8089e+01	-3.9049e+00	-1.5252e+00
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	3.3735e+01	-2.5699e+00	4.2100e-01
	547	0.0000e+00	0.0000e+00	0.0000e+00	3.0937e+01	-3.1106e+00	1.7863e+00
	548	0.0000e+00	0.0000e+00	0.0000e+00	3.2454e+01	-4.8738e+00	9.3226e-01
	537	0.0000e+00	0.0000e+00	0.0000e+00	3.4974e+01	-3.7219e+00	-4.3304e-01
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	3.1388e+01	7.1069e-01	2.9948e-01
	546	0.0000e+00	0.0000e+00	0.0000e+00	2.9836e+01	9.4036e-01	1.6199e+00
	547	0.0000e+00	0.0000e+00	0.0000e+00	3.1135e+01	-7.0962e-01	2.0009e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	3.2754e+01	-1.2349e+00	6.8041e-01
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	2.9733e+01	2.9369e+00	-2.2201e-02
	545	0.0000e+00	0.0000e+00	0.0000e+00	2.8836e+01	3.2143e+00	9.7227e-01
	546	0.0000e+00	0.0000e+00	0.0000e+00	2.9608e+01	2.0884e+00	1.4031e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	3.0968e+01	1.5120e+00	4.0864e-01
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	2.8639e+01	4.2682e+00	-2.2751e-01
	544	0.0000e+00	0.0000e+00	0.0000e+00	2.7994e+01	4.4901e+00	4.8127e-01
	545	0.0000e+00	0.0000e+00	0.0000e+00	2.8597e+01	3.8761e+00	7.9445e-01
	534	0.0000e+00	0.0000e+00	0.0000e+00	2.9466e+01	3.4774e+00	8.5660e-02
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	2.8125e+01	4.6722e+00	-2.9833e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	2.7546e+01	4.8843e+00	1.0700e-02
	544	0.0000e+00	0.0000e+00	0.0000e+00	2.7823e+01	4.7948e+00	2.5361e-01
	533	0.0000e+00	0.0000e+00	0.0000e+00	2.8472e+01	4.5255e+00	-5.5420e-02
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	2.8246e+01	4.1403e+00	-3.3279e-01
	542	0.0000e+00	0.0000e+00	0.0000e+00	2.7593e+01	4.4005e+00	-4.6866e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	2.7490e+01	4.8330e+00	-2.3235e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	2.8075e+01	4.6249e+00	-9.6480e-02
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	2.8934e+01	2.7281e+00	-4.6078e-01
	541	0.0000e+00	0.0000e+00	0.0000e+00	2.8051e+01	3.1032e+00	-9.6871e-01
	542	0.0000e+00	0.0000e+00	0.0000e+00	2.7649e+01	4.0073e+00	-6.7599e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	2.8310e+01	3.8023e+00	-1.6807e-01
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	3.0065e+01	5.5082e-01	-7.5980e-01

	540	0.0000e+00	0.0000e+00	0.0000e+00	2.8689e+01	1.0859e+00	-1.5023e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	2.8166e+01	2.3951e+00	-1.1080e+00
	530	0.0000e+00	0.0000e+00	0.0000e+00	2.9089e+01	2.1487e+00	-3.6549e-01
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	3.1411e+01	-2.1773e+00	-9.9291e-01
	539	0.0000e+00	0.0000e+00	0.0000e+00	2.9749e+01	-1.7133e+00	-1.9916e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	2.8782e+01	-3.4866e-02	-1.6622e+00
	529	0.0000e+00	0.0000e+00	0.0000e+00	3.0362e+01	-2.2376e-01	-6.6347e-01
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	3.3086e+01	-4.3643e+00	1.6363e-01
	538	0.0000e+00	0.0000e+00	0.0000e+00	3.0629e+01	-5.5813e+00	-8.4647e-01
	539	0.0000e+00	0.0000e+00	0.0000e+00	2.9428e+01	-3.9492e+00	-1.7467e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	3.2248e+01	-3.3821e+00	-7.3660e-01
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	3.8583e+01	-2.1236e+00	-1.7213e+00
	536	0.0000e+00	0.0000e+00	0.0000e+00	3.4523e+01	-2.1052e+00	-3.7228e-01
	537	0.0000e+00	0.0000e+00	0.0000e+00	3.5924e+01	-3.1345e+00	-4.2856e-01
	526	0.0000e+00	0.0000e+00	0.0000e+00	3.9905e+01	-3.0046e+00	-1.7776e+00
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	3.6184e+01	3.5401e-01	-1.8301e+00
	535	0.0000e+00	0.0000e+00	0.0000e+00	3.2471e+01	6.7568e-01	-1.2548e-01
	536	0.0000e+00	0.0000e+00	0.0000e+00	3.4166e+01	-9.2749e-01	1.4749e-01
	525	0.0000e+00	0.0000e+00	0.0000e+00	3.7929e+01	-1.1468e+00	-1.5572e+00
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	3.3994e+01	2.7483e+00	-1.7722e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	3.0727e+01	2.8867e+00	-3.2670e-01
	535	0.0000e+00	0.0000e+00	0.0000e+00	3.2004e+01	1.7347e+00	-4.5213e-02
	524	0.0000e+00	0.0000e+00	0.0000e+00	3.5635e+01	1.3153e+00	-1.4907e+00
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	3.2465e+01	4.3644e+00	-1.3616e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	2.9467e+01	4.3089e+00	-3.7504e-01
	534	0.0000e+00	0.0000e+00	0.0000e+00	3.0307e+01	3.6705e+00	-2.9029e-01
	523	0.0000e+00	0.0000e+00	0.0000e+00	3.3616e+01	3.4470e+00	-1.2768e+00
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	3.1793e+01	4.9118e+00	-6.6710e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	2.8859e+01	4.7963e+00	-2.7005e-01
	533	0.0000e+00	0.0000e+00	0.0000e+00	2.9203e+01	4.6947e+00	-3.3536e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	3.2250e+01	4.7086e+00	-7.3241e-01
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	3.2038e+01	4.3141e+00	6.8385e-02
	531	0.0000e+00	0.0000e+00	0.0000e+00	2.8981e+01	4.3132e+00	-1.6438e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	2.8809e+01	4.7465e+00	-2.2389e-01
	521	0.0000e+00	0.0000e+00	0.0000e+00	3.1741e+01	4.8636e+00	8.8746e-03
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	3.3106e+01	2.6829e+00	5.7899e-01
	530	0.0000e+00	0.0000e+00	0.0000e+00	2.9781e+01	2.9266e+00	-2.1385e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	2.9142e+01	3.8425e+00	-1.1402e-01
	520	0.0000e+00	0.0000e+00	0.0000e+00	3.2145e+01	3.8883e+00	6.7881e-01
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	3.4759e+01	3.4463e-01	7.4147e-01
	529	0.0000e+00	0.0000e+00	0.0000e+00	3.1111e+01	7.8177e-01	-4.5445e-01
	530	0.0000e+00	0.0000e+00	0.0000e+00	3.0086e+01	2.1021e+00	-1.5585e-01
	519	0.0000e+00	0.0000e+00	0.0000e+00	3.3369e+01	1.9475e+00	1.0401e+00
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	3.6596e+01	-2.0773e+00	7.5999e-01
	528	0.0000e+00	0.0000e+00	0.0000e+00	3.2823e+01	-1.8570e+00	-6.2092e-01
	529	0.0000e+00	0.0000e+00	0.0000e+00	3.1446e+01	-2.4769e-01	-3.4186e-01
	518	0.0000e+00	0.0000e+00	0.0000e+00	3.5185e+01	-5.8044e-01	1.0390e+00
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	3.8059e+01	-3.5918e+00	9.7725e-01
	527	0.0000e+00	0.0000e+00	0.0000e+00	3.4054e+01	-3.7645e+00	8.1363e-03
	528	0.0000e+00	0.0000e+00	0.0000e+00	3.3035e+01	-2.9018e+00	-6.9205e-02
	517	0.0000e+00	0.0000e+00	0.0000e+00	3.7122e+01	-2.9213e+00	8.9990e-01
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	4.5764e+01	-2.3797e+00	-3.9691e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	4.0381e+01	-1.8091e+00	-2.5373e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	4.1779e+01	-2.6203e+00	-1.8448e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	4.7256e+01	-3.4220e+00	-3.2766e+00
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	4.3112e+01	3.1715e-01	-4.3876e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	3.8009e+01	5.9579e-01	-2.4630e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	3.9760e+01	-7.7113e-01	-2.0049e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	4.5246e+01	-1.4004e+00	-3.9294e+00
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	4.0491e+01	3.2062e+00	-3.9956e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	3.5706e+01	3.0222e+00	-2.1718e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	3.7297e+01	1.7614e+00	-2.1083e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	4.2581e+01	1.4516e+00	-3.9321e+00

2055	511	0.0000e+00	0.0000e+00	0.0000e+00	3.8576e+01	5.3256e+00	-2.7859e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	3.3993e+01	4.7637e+00	-1.5009e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	3.5087e+01	3.9685e+00	-1.8643e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	4.0076e+01	4.1268e+00	-3.1493e+00
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	3.7755e+01	6.1082e+00	-1.0492e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	3.3188e+01	5.4200e+00	-5.4843e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	3.3623e+01	5.2582e+00	-1.1726e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	3.8331e+01	5.8069e+00	-1.6733e+00
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	3.8144e+01	5.3713e+00	7.5268e-01
	520	0.0000e+00	0.0000e+00	0.0000e+00	3.3413e+01	4.8610e+00	3.9999e-01
	521	0.0000e+00	0.0000e+00	0.0000e+00	3.3144e+01	5.3653e+00	-2.0521e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	3.7701e+01	6.0544e+00	1.4748e-01
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	3.9614e+01	3.2817e+00	2.1457e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	3.4590e+01	3.1944e+00	1.0388e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	3.3691e+01	4.2725e+00	7.2921e-01
	509	0.0000e+00	0.0000e+00	0.0000e+00	3.8279e+01	4.7987e+00	1.8362e+00
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	4.1775e+01	3.7999e-01	2.7957e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	3.6445e+01	7.7721e-01	1.2094e+00
	519	0.0000e+00	0.0000e+00	0.0000e+00	3.5104e+01	2.2015e+00	1.3502e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	3.9914e+01	2.3196e+00	2.9366e+00
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	4.3986e+01	-2.4090e+00	2.6458e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	3.8467e+01	-1.7104e+00	1.0424e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	3.7031e+01	-3.5651e-01	1.5743e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	4.2186e+01	-7.1214e-01	3.1777e+00
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	4.5505e+01	-3.9815e+00	1.9169e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	3.9901e+01	-3.2052e+00	8.8440e-01
	517	0.0000e+00	0.0000e+00	0.0000e+00	3.8932e+01	-2.5970e+00	1.5999e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	4.4390e+01	-3.2387e+00	2.6324e+00
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	5.3847e+01	-3.4716e+00	-6.4624e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	4.8232e+01	-2.2823e+00	-4.8436e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	4.9761e+01	-3.2687e+00	-3.3874e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	5.5586e+01	-4.9653e+00	-5.0062e+00
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	5.0702e+01	3.1548e-01	-7.4432e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	4.5447e+01	5.9526e-01	-5.1432e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	4.7364e+01	-1.0472e+00	-4.4285e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	5.3427e+01	-2.1839e+00	-6.7285e+00
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	4.7570e+01	4.4036e+00	-6.7089e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	4.2568e+01	3.7255e+00	-4.4558e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	4.4443e+01	2.0657e+00	-4.6982e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	5.0243e+01	1.8680e+00	-6.9513e+00
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	4.5296e+01	7.4242e+00	-4.4896e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	4.0381e+01	6.0879e+00	-2.8926e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	4.1720e+01	4.9567e+00	-3.9406e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	4.7180e+01	5.6972e+00	-5.5375e+00
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	4.4360e+01	8.5802e+00	-1.4162e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	3.9371e+01	7.0219e+00	-8.1336e-01
	511	0.0000e+00	0.0000e+00	0.0000e+00	3.9894e+01	6.7426e+00	-2.2917e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	4.5054e+01	8.1140e+00	-2.8945e+00
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	4.4911e+01	7.6085e+00	1.7539e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	3.9710e+01	6.3007e+00	1.2687e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	3.9334e+01	6.9557e+00	-1.7836e-01
	499	0.0000e+00	0.0000e+00	0.0000e+00	4.4307e+01	8.5157e+00	3.0687e-01
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	4.6813e+01	4.7062e+00	4.2689e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	4.1285e+01	4.0898e+00	2.8159e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	4.0120e+01	5.5290e+00	1.8601e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	4.5045e+01	6.8069e+00	3.3131e+00
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	4.9592e+01	5.9591e-01	5.4675e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	4.3687e+01	9.6282e-01	3.4160e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	4.2044e+01	2.7911e+00	3.3165e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	4.7094e+01	3.3553e+00	5.3680e+00
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	5.2369e+01	-3.3878e+00	4.9795e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	4.6197e+01	-2.0833e+00	2.9751e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	4.4580e+01	-4.8710e-01	3.8493e+00

	496	0.0000e+00	0.0000e+00	0.0000e+00	4.9941e+01	-9.1506e-01	5.8537e+00
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	5.4092e+01	-5.5929e+00	3.0540e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	4.7953e+01	-3.8419e+00	1.8434e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	4.6909e+01	-3.1474e+00	3.4094e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	5.2692e+01	-4.4998e+00	4.6199e+00
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	6.0076e+01	-5.6957e+00	-9.3077e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	5.6395e+01	-3.7727e+00	-7.4459e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	5.8105e+01	-5.2629e+00	-5.0749e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	6.2124e+01	-8.0388e+00	-6.9367e+00
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	5.6297e+01	3.1054e-01	-1.1121e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	5.2987e+01	4.7142e-01	-8.2676e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	5.5210e+01	-2.0377e+00	-7.3362e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	5.9834e+01	-3.7227e+00	-1.0190e+01
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	5.2699e+01	6.5213e+00	-9.8897e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	4.9405e+01	5.0946e+00	-7.1538e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	5.1626e+01	2.5333e+00	-7.9308e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	5.5999e+01	2.6465e+00	-1.0667e+01
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	5.0233e+01	1.0929e+01	-6.3793e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	4.6741e+01	8.5344e+00	-4.5131e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	4.8324e+01	6.7651e+00	-6.5500e+00
	490	0.0000e+00	0.0000e+00	0.0000e+00	5.2416e+01	8.4070e+00	-8.4162e+00
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	4.9288e+01	1.2615e+01	-1.7157e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	4.5559e+01	9.8889e+00	-1.0449e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	4.6156e+01	9.3999e+00	-3.6901e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	5.0045e+01	1.1916e+01	-4.3609e+00
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	4.9964e+01	1.1322e+01	3.0609e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	4.6018e+01	8.8873e+00	2.4603e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	4.5530e+01	9.8056e+00	-1.4546e-01
	488	0.0000e+00	0.0000e+00	0.0000e+00	4.9240e+01	1.2535e+01	4.5514e-01
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	5.2200e+01	7.2190e+00	6.9603e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	4.7999e+01	5.7456e+00	5.1789e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	4.6546e+01	7.8686e+00	3.2631e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	5.0057e+01	1.0192e+01	5.0445e+00
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	5.5617e+01	1.0764e+00	8.9303e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	5.1059e+01	1.2176e+00	6.3208e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	4.9020e+01	3.9687e+00	5.7478e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	5.2389e+01	5.2454e+00	8.3573e+00
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	5.9175e+01	-5.2692e+00	8.0624e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	5.4315e+01	-3.2843e+00	5.4272e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	5.2344e+01	-8.5751e-01	6.6201e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	5.5827e+01	-1.2367e+00	9.2553e+00
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	6.1184e+01	-8.8959e+00	4.4273e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	5.6571e+01	-5.9202e+00	2.9274e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	5.5374e+01	-4.8463e+00	5.5416e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	5.9354e+01	-7.0514e+00	7.0415e+00
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	6.0013e+01	-9.6189e+00	-1.2598e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	6.1850e+01	-6.7479e+00	-1.0447e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	6.3702e+01	-9.2109e+00	-6.8213e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	6.2503e+01	-1.3525e+01	-8.9727e+00
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	5.5767e+01	4.7692e-01	-1.5380e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	5.7586e+01	2.1342e-01	-1.1888e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	6.0150e+01	-4.0674e+00	-1.0975e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	6.0249e+01	-6.1422e+00	-1.4466e+01
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	5.2350e+01	9.8299e+00	-1.3154e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	5.3336e+01	7.3848e+00	-1.0165e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	5.5844e+01	3.1630e+00	-1.1920e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	5.5874e+01	4.1957e+00	-1.4909e+01
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	5.0337e+01	1.5997e+01	-8.0873e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	5.0440e+01	1.2383e+01	-6.2446e+00
	490	0.0000e+00	0.0000e+00	0.0000e+00	5.2141e+01	9.5591e+00	-9.6042e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	5.2356e+01	1.2603e+01	-1.1447e+01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	4.9667e+01	1.8312e+01	-1.8418e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	4.9255e+01	1.4260e+01	-1.2271e+00

	489	0.0000e+00	0.0000e+00	0.0000e+00	4.9860e+01	1.3441e+01	-5.2572e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	5.0303e+01	1.7376e+01	-5.8719e+00
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	5.0296e+01	1.6695e+01	4.4939e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	4.9788e+01	1.2842e+01	3.8897e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	4.9235e+01	1.4157e+01	-1.0133e-01
	477	0.0000e+00	0.0000e+00	0.0000e+00	4.9629e+01	1.8213e+01	5.0284e-01
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	5.2326e+01	1.1208e+01	9.9213e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	5.1976e+01	8.3431e+00	8.0822e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	5.0333e+01	1.1587e+01	4.8480e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	5.0257e+01	1.5132e+01	6.6871e+00
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	5.5864e+01	2.2662e+00	1.3093e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	5.5572e+01	1.5462e+00	1.0106e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	5.3150e+01	6.0061e+00	8.5873e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	5.2257e+01	8.2955e+00	1.1574e+01
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	6.0215e+01	-8.1910e+00	1.2166e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	5.9732e+01	-5.6659e+00	8.7315e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	5.7305e+01	-1.4848e+00	1.0005e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	5.5709e+01	-1.4825e+00	1.3439e+01
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	6.2502e+01	-1.4839e+01	6.0772e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	6.2762e+01	-1.0116e+01	4.1405e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	6.1379e+01	-8.2107e+00	8.1821e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	5.9976e+01	-1.1497e+01	1.0119e+01
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	4.6638e+01	-1.5419e+01	-1.6358e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	5.9817e+01	-1.1954e+01	-1.3780e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	6.1817e+01	-1.6298e+01	-8.4479e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	4.9841e+01	-2.3401e+01	-1.1026e+01
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	4.3451e+01	2.3717e+00	-1.9289e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	5.4415e+01	2.4330e-01	-1.5535e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	5.7311e+01	-7.3947e+00	-1.5533e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	4.8133e+01	-9.5263e+00	-1.9287e+01
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	4.2439e+01	1.5073e+01	-1.5057e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	5.0341e+01	1.1048e+01	-1.2885e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	5.2807e+01	4.1958e+00	-1.6241e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	4.4356e+01	6.8229e+00	-1.8413e+01
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	4.2315e+01	2.2665e+01	-8.7365e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	4.8214e+01	1.7775e+01	-7.6830e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	4.9612e+01	1.3525e+01	-1.2432e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	4.3044e+01	1.8047e+01	-1.3485e+01
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	4.2448e+01	2.5336e+01	-1.6387e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	4.7497e+01	2.0124e+01	-1.3415e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	4.7940e+01	1.8885e+01	-6.5813e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	4.2605e+01	2.4057e+01	-6.8786e+00
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	4.2670e+01	2.3296e+01	5.5120e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	4.7946e+01	1.8204e+01	5.1602e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	4.7481e+01	2.0003e+01	-5.2024e-02
	466	0.0000e+00	0.0000e+00	0.0000e+00	4.2425e+01	2.5241e+01	2.9975e-01
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	4.3198e+01	1.6480e+01	1.2025e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	4.9636e+01	1.2111e+01	1.0888e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	4.8197e+01	1.6857e+01	6.2310e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	4.2342e+01	2.1718e+01	7.3681e+00
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	4.4718e+01	4.5762e+00	1.6756e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	5.2912e+01	2.2287e+00	1.4439e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	5.0378e+01	9.4125e+00	1.1274e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	4.2576e+01	1.3338e+01	1.3591e+01
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	4.8904e+01	-1.2198e+01	1.7208e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	5.7571e+01	-9.4884e+00	1.3224e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	5.4607e+01	-1.9140e+00	1.3619e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	4.3826e+01	1.2719e-02	1.7604e+01
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	5.1110e+01	-2.5365e+01	8.1018e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	6.1857e+01	-1.7687e+01	5.4732e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	6.0185e+01	-1.4022e+01	1.1414e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	4.7477e+01	-1.8118e+01	1.4043e+01
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	7.2818e+00	-2.7083e+01	-2.0016e+01



	470	0.0000e+00	0.0000e+00	0.0000e+00	4.2888e+01	-1.9786e+01	-1.7788e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	4.3836e+01	-2.9081e+01	-1.0242e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	1.0830e+01	-3.6738e+01	-1.2470e+01
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	1.3544e+01	2.7260e-01	-1.8342e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	3.7874e+01	2.9433e+00	-1.8466e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	3.7312e+01	-1.2138e+01	-2.1902e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	1.3855e+01	-2.6583e+00	-2.1778e+01
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	1.9347e+01	1.7573e+01	-1.2901e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	3.7062e+01	1.6635e+01	-1.4295e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	3.6664e+01	6.0572e+00	-1.9538e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	1.6931e+01	1.5511e+01	-1.8144e+01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	2.3191e+01	2.7646e+01	-7.1240e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	3.7430e+01	2.4422e+01	-8.2075e+00
	468	0.0000e+00	0.0000e+00	0.0000e+00	3.6818e+01	1.8442e+01	-1.3890e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	2.1617e+01	2.6480e+01	-1.2807e+01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	2.4896e+01	3.1994e+01	-8.7182e-01
	466	0.0000e+00	0.0000e+00	0.0000e+00	3.7651e+01	2.6920e+01	-1.2890e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	3.7400e+01	2.5188e+01	-7.1502e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	2.4304e+01	3.1730e+01	-6.7330e+00
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	2.4466e+01	3.1105e+01	5.4837e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	3.7460e+01	2.4448e+01	5.7893e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	3.7663e+01	2.6795e+01	-6.0679e-02
	450	0.0000e+00	0.0000e+00	0.0000e+00	2.4880e+01	3.1731e+01	-3.6628e-01
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	2.1967e+01	2.5000e+01	1.1538e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	3.6997e+01	1.6885e+01	1.2474e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	3.7523e+01	2.3434e+01	6.8278e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	2.3332e+01	2.6508e+01	5.8912e+00
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	1.7579e+01	1.3267e+01	1.6839e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	3.7084e+01	3.7994e+00	1.8002e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	3.7306e+01	1.4840e+01	1.2832e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	1.9705e+01	1.5619e+01	1.1668e+01
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	1.5071e+01	-5.5329e+00	2.0381e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	3.8219e+01	-1.4856e+01	2.0086e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	3.8442e+01	4.5681e-01	1.6819e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	1.4253e+01	-2.3917e+00	1.7114e+01
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	1.3799e+01	-4.0814e+01	1.0213e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	4.5231e+01	-3.1177e+01	7.1308e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	4.4279e+01	-2.2888e+01	1.5756e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	8.5286e+00	-3.0344e+01	1.8839e+01
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	-5.2150e+01	5.2686e+01	3.9891e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	-2.3429e+01	-2.5884e+01	-4.0650e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	2.4989e+01	-4.9834e+01	-1.2216e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.1682e+02	-1.1225e+02	-4.1623e+00
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	-2.9551e+01	5.2826e+01	-1.4549e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	-7.6886e+00	5.5073e+00	-9.2807e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	-2.5089e+00	-1.1965e+01	-1.0485e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-5.0526e+01	-5.6897e+01	-2.6590e+00
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	-1.5437e+01	5.3361e+01	-2.6986e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	3.7152e+00	2.0546e+01	-7.5068e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	7.1936e+00	1.0650e+01	-9.1011e+00
	457	0.0000e+00	0.0000e+00	0.0000e+00	-2.8620e+01	-1.9005e+01	-4.2930e+00
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	-7.7383e+00	4.9379e+01	-2.0164e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	1.0963e+01	2.9439e+01	-4.6797e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	1.2763e+01	2.4115e+01	-6.9863e+00
	455	0.0000e+00	0.0000e+00	0.0000e+00	-1.4913e+01	8.7470e+00	-4.3230e+00
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	-5.1614e+00	4.0593e+01	-2.1741e-01
	450	0.0000e+00	0.0000e+00	0.0000e+00	1.4801e+01	3.2656e+01	-1.1649e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	1.5191e+01	3.1113e+01	-3.8847e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	-7.4640e+00	2.8566e+01	-2.9373e+00
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	-7.2779e+00	2.6408e+01	1.8182e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	1.5581e+01	3.0447e+01	2.4475e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	1.4604e+01	3.2444e+01	-2.8327e-01
	451	0.0000e+00	0.0000e+00	0.0000e+00	-5.0307e+00	4.1894e+01	-9.1264e-01

2118	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.4375e+01	5.8715e+00	3.2588e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	1.3370e+01	2.2606e+01	5.5852e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	1.0980e+01	2.8359e+01	3.2440e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	-7.2907e+00	4.9734e+01	9.1768e-01
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	-2.7660e+01	-2.2403e+01	3.3316e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	8.0889e+00	8.3814e+00	7.7636e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	4.0122e+00	1.8659e+01	6.1071e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.4638e+01	5.2727e+01	1.6751e+00
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	-4.9059e+01	-6.0544e+01	1.8578e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	-1.2113e+00	-1.4908e+01	9.2589e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	-6.9971e+00	2.9463e+00	7.9444e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	-2.8335e+01	5.1188e+01	5.4332e-01
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1556e+02	-1.1576e+02	4.0505e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	2.7966e+01	-5.4159e+01	1.1476e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	-2.2232e+01	-2.9047e+01	2.6489e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-5.0371e+01	5.0052e+01	-4.7770e+00
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	2.8130e+01	-3.8491e+00	1.5250e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	2.8972e+01	-1.1548e+00	9.8095e-01
	16	0.0000e+00	0.0000e+00	0.0000e+00	2.3823e+01	-1.0662e+01	4.2959e-01
	431	0.0000e+00	0.0000e+00	0.0000e+00	3.2181e+01	-6.8751e+00	9.7365e-01
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	2.8459e+01	5.7568e-01	1.7730e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	3.0146e+01	4.5448e-01	1.6195e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	2.9989e+01	-2.1688e+00	1.5614e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	2.8307e+01	-2.1749e+00	1.7149e+00
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	2.8210e+01	2.6986e+00	1.2523e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	3.0083e+01	2.8420e+00	1.5881e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	3.0412e+01	1.1194e+00	1.6868e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.8559e+01	1.0673e+00	1.3509e+00
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	2.7810e+01	4.2430e+00	7.1352e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	2.9727e+01	4.5567e+00	1.0821e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	3.0141e+01	3.4211e+00	1.3421e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	2.8139e+01	3.2194e+00	9.7356e-01
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	2.7668e+01	5.0468e+00	1.3338e-01
	436	0.0000e+00	0.0000e+00	0.0000e+00	2.9622e+01	5.4436e+00	2.3721e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	2.9747e+01	4.9224e+00	6.1053e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	2.7752e+01	4.5793e+00	5.0670e-01
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	2.7974e+01	4.9867e+00	-4.4040e-01
	435	0.0000e+00	0.0000e+00	0.0000e+00	2.9974e+01	5.3579e+00	-7.1333e-01
	436	0.0000e+00	0.0000e+00	0.0000e+00	2.9683e+01	5.5023e+00	-3.2232e-01
	426	0.0000e+00	0.0000e+00	0.0000e+00	2.7714e+01	5.0987e+00	-4.9401e-02
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	2.8658e+01	4.0152e+00	-9.6109e-01
	434	0.0000e+00	0.0000e+00	0.0000e+00	3.0689e+01	4.2768e+00	-1.5272e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	3.0077e+01	5.0953e+00	-1.2159e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	2.8127e+01	4.7400e+00	-6.4981e-01
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	2.9435e+01	2.0911e+00	-1.4230e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	3.1338e+01	2.2247e+00	-2.0070e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	3.0759e+01	3.7583e+00	-1.8303e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	2.8835e+01	3.5416e+00	-1.2463e+00
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	2.9577e+01	-1.1905e+00	-1.8896e+00
	432	0.0000e+00	0.0000e+00	0.0000e+00	3.1382e+01	-1.1017e+00	-2.0413e+00
	433	0.0000e+00	0.0000e+00	0.0000e+00	3.1202e+01	1.5496e+00	-2.0141e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	2.9451e+01	1.5844e+00	-1.8624e+00
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	3.4354e+01	-6.1563e+00	-1.0717e+00
	15	0.0000e+00	0.0000e+00	0.0000e+00	2.5325e+01	-1.0432e+01	-9.1150e-01
	432	0.0000e+00	0.0000e+00	0.0000e+00	3.0436e+01	-2.1590e-02	-1.5062e+00
	422	0.0000e+00	0.0000e+00	0.0000e+00	2.9566e+01	-3.1188e+00	-1.6664e+00
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	3.2280e+01	-3.3726e+00	7.2788e-01
	430	0.0000e+00	0.0000e+00	0.0000e+00	2.9463e+01	-3.9098e+00	1.7473e+00
	431	0.0000e+00	0.0000e+00	0.0000e+00	3.0674e+01	-5.5766e+00	8.6476e-01
	420	0.0000e+00	0.0000e+00	0.0000e+00	3.3127e+01	-4.3648e+00	-1.5463e-01
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	3.0394e+01	-2.1809e-01	6.4387e-01
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.8816e+01	-2.4026e-02	1.6424e+00
	430	0.0000e+00	0.0000e+00	0.0000e+00	2.9778e+01	-1.6958e+00	1.9795e+00

	419	0.0000e+00	0.0000e+00	0.0000e+00	3.1448e+01	-2.1699e+00	9.8099e-01
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	2.9116e+01	2.1498e+00	3.4008e-01
	428	0.0000e+00	0.0000e+00	0.0000e+00	2.8191e+01	2.3979e+00	1.0883e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.8720e+01	1.0925e+00	1.4847e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	3.0097e+01	5.5505e-01	7.3648e-01
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	2.8326e+01	3.8032e+00	1.4053e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	2.7663e+01	4.0087e+00	6.5585e-01
	428	0.0000e+00	0.0000e+00	0.0000e+00	2.8072e+01	3.1062e+00	9.4938e-01
	417	0.0000e+00	0.0000e+00	0.0000e+00	2.8958e+01	2.7300e+00	4.3406e-01
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	2.8080e+01	4.6281e+00	6.9447e-02
	426	0.0000e+00	0.0000e+00	0.0000e+00	2.7493e+01	4.8353e+00	2.1265e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	2.7603e+01	4.4033e+00	4.4861e-01
	416	0.0000e+00	0.0000e+00	0.0000e+00	2.8260e+01	4.1430e+00	3.0541e-01
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	2.8468e+01	4.5315e+00	3.1303e-02
	425	0.0000e+00	0.0000e+00	0.0000e+00	2.7818e+01	4.7987e+00	-2.7161e-01
	426	0.0000e+00	0.0000e+00	0.0000e+00	2.7546e+01	4.8883e+00	-3.0331e-02
	415	0.0000e+00	0.0000e+00	0.0000e+00	2.8128e+01	4.6772e+00	2.7258e-01
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	2.9458e+01	3.4849e+00	-1.0412e-01
	424	0.0000e+00	0.0000e+00	0.0000e+00	2.8586e+01	3.8802e+00	-8.0941e-01
	425	0.0000e+00	0.0000e+00	0.0000e+00	2.7986e+01	4.4949e+00	-4.9930e-01
	414	0.0000e+00	0.0000e+00	0.0000e+00	2.8634e+01	4.2756e+00	2.0599e-01
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	3.0961e+01	1.5187e+00	-4.1712e-01
	423	0.0000e+00	0.0000e+00	0.0000e+00	2.9597e+01	2.0888e+00	-1.4131e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	2.8823e+01	3.2174e+00	-9.8772e-01
	413	0.0000e+00	0.0000e+00	0.0000e+00	2.9725e+01	2.9444e+00	8.2841e-03
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	3.2755e+01	-1.2263e+00	-6.6669e-01
	422	0.0000e+00	0.0000e+00	0.0000e+00	3.1142e+01	-7.2192e-01	-1.9975e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	2.9825e+01	9.3503e-01	-1.6314e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	3.1386e+01	7.1389e-01	-3.0059e-01
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	3.4978e+01	-3.6975e+00	4.7023e-01
	421	0.0000e+00	0.0000e+00	0.0000e+00	3.2457e+01	-4.8520e+00	-8.9229e-01
	422	0.0000e+00	0.0000e+00	0.0000e+00	3.0944e+01	-3.1362e+00	-1.7654e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	3.3742e+01	-2.5603e+00	-4.0286e-01
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	3.7174e+01	-2.9312e+00	-9.1351e-01
	419	0.0000e+00	0.0000e+00	0.0000e+00	3.3077e+01	-2.8990e+00	6.2930e-02
	420	0.0000e+00	0.0000e+00	0.0000e+00	3.4106e+01	-3.7698e+00	-2.9254e-03
	409	0.0000e+00	0.0000e+00	0.0000e+00	3.8116e+01	-3.6071e+00	-9.7937e-01
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	3.5228e+01	-5.8570e-01	-1.0662e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	3.1483e+01	-2.4594e-01	3.1951e-01
	419	0.0000e+00	0.0000e+00	0.0000e+00	3.2863e+01	-1.8518e+00	6.0869e-01
	408	0.0000e+00	0.0000e+00	0.0000e+00	3.6646e+01	-2.0852e+00	-7.7706e-01
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	3.3402e+01	1.9443e+00	-1.0758e+00
	417	0.0000e+00	0.0000e+00	0.0000e+00	3.0115e+01	2.1022e+00	1.2659e-01
	418	0.0000e+00	0.0000e+00	0.0000e+00	3.1144e+01	7.8472e-01	4.3058e-01
	407	0.0000e+00	0.0000e+00	0.0000e+00	3.4800e+01	3.4011e-01	-7.7183e-01
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	3.2167e+01	3.8888e+00	-7.1793e-01
	416	0.0000e+00	0.0000e+00	0.0000e+00	2.9160e+01	3.8434e+00	8.3038e-02
	417	0.0000e+00	0.0000e+00	0.0000e+00	2.9806e+01	2.9282e+00	1.8464e-01
	406	0.0000e+00	0.0000e+00	0.0000e+00	3.3137e+01	2.6814e+00	-6.1633e-01
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	3.1750e+01	4.8695e+00	-4.6832e-02
	415	0.0000e+00	0.0000e+00	0.0000e+00	2.8816e+01	4.7502e+00	1.9422e-01
	416	0.0000e+00	0.0000e+00	0.0000e+00	2.8995e+01	4.3165e+00	1.3375e-01
	405	0.0000e+00	0.0000e+00	0.0000e+00	3.2057e+01	4.3170e+00	-1.0730e-01
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	3.2249e+01	4.7209e+00	7.0003e-01
	414	0.0000e+00	0.0000e+00	0.0000e+00	2.9201e+01	4.7020e+00	3.0992e-01
	415	0.0000e+00	0.0000e+00	0.0000e+00	2.8862e+01	4.8027e+00	2.4095e-01
	404	0.0000e+00	0.0000e+00	0.0000e+00	3.1800e+01	4.9204e+00	6.3106e-01
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	3.3608e+01	3.4656e+00	1.2551e+00
	413	0.0000e+00	0.0000e+00	0.0000e+00	3.0299e+01	3.6805e+00	2.7263e-01
	414	0.0000e+00	0.0000e+00	0.0000e+00	2.9462e+01	4.3184e+00	3.5048e-01
	403	0.0000e+00	0.0000e+00	0.0000e+00	3.2462e+01	4.3790e+00	1.3329e+00
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	3.5625e+01	1.3398e+00	1.4861e+00
	412	0.0000e+00	0.0000e+00	0.0000e+00	3.1996e+01	1.7452e+00	4.0560e-02

	413	0.0000e+00	0.0000e+00	0.0000e+00	3.0717e+01	2.8978e+00	3.1060e-01
	402	0.0000e+00	0.0000e+00	0.0000e+00	3.3986e+01	2.7681e+00	1.7561e+00
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	3.7923e+01	-1.1153e+00	1.5759e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	3.4163e+01	-9.1421e-01	-1.3147e-01
	412	0.0000e+00	0.0000e+00	0.0000e+00	3.2463e+01	6.8690e-01	1.2532e-01
	401	0.0000e+00	0.0000e+00	0.0000e+00	3.6177e+01	3.7902e-01	1.8326e+00
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	3.9905e+01	-2.9639e+00	1.8172e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	3.5921e+01	-3.1042e+00	4.6634e-01
	411	0.0000e+00	0.0000e+00	0.0000e+00	3.4522e+01	-2.0882e+00	3.9615e-01
	400	0.0000e+00	0.0000e+00	0.0000e+00	3.8577e+01	-2.0894e+00	1.7470e+00
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	4.4460e+01	-3.2652e+00	-2.6551e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	3.8990e+01	-2.6110e+00	-1.6158e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	3.9967e+01	-3.2242e+00	-8.8841e-01
	398	0.0000e+00	0.0000e+00	0.0000e+00	4.5581e+01	-4.0116e+00	-1.9276e+00
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	4.2244e+01	-7.3057e-01	-3.2162e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	3.7080e+01	-3.6570e-01	-1.6047e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	3.8523e+01	-1.7212e+00	-1.0619e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	4.4053e+01	-2.4321e+00	-2.6734e+00
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	3.9958e+01	2.3096e+00	-2.9856e+00
	406	0.0000e+00	0.0000e+00	0.0000e+00	3.5142e+01	2.1962e+00	-1.3898e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	3.6490e+01	7.7123e-01	-1.2420e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	4.1830e+01	3.6482e-01	-2.8377e+00
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	3.8308e+01	4.7982e+00	-1.8894e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	3.3716e+01	4.2724e+00	-7.7210e-01
	406	0.0000e+00	0.0000e+00	0.0000e+00	3.4623e+01	3.1928e+00	-1.0791e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	3.9655e+01	3.2754e+00	-2.1964e+00
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	3.7715e+01	6.0646e+00	-1.9868e-01
	404	0.0000e+00	0.0000e+00	0.0000e+00	3.3155e+01	5.3720e+00	1.6426e-01
	405	0.0000e+00	0.0000e+00	0.0000e+00	3.3432e+01	4.8651e+00	-4.4253e-01
	394	0.0000e+00	0.0000e+00	0.0000e+00	3.8170e+01	5.3750e+00	-8.0546e-01
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	3.8331e+01	5.8289e+00	1.6303e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	3.3622e+01	5.2725e+00	1.1385e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	3.3195e+01	5.4310e+00	5.0867e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	3.7766e+01	6.1228e+00	1.0005e+00
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	4.0066e+01	4.1613e+00	3.1212e+00
	402	0.0000e+00	0.0000e+00	0.0000e+00	3.5078e+01	3.9906e+00	1.8427e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	3.3989e+01	4.7821e+00	1.4690e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	3.8575e+01	5.3518e+00	2.7476e+00
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	4.2566e+01	1.4983e+00	3.9260e+00
	401	0.0000e+00	0.0000e+00	0.0000e+00	3.7285e+01	1.7910e+00	2.1052e+00
	402	0.0000e+00	0.0000e+00	0.0000e+00	3.5694e+01	3.0478e+00	2.1537e+00
	391	0.0000e+00	0.0000e+00	0.0000e+00	4.0481e+01	3.2444e+00	3.9745e+00
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	4.5231e+01	-1.3432e+00	3.9507e+00
	400	0.0000e+00	0.0000e+00	0.0000e+00	3.9748e+01	-7.3300e-01	2.0256e+00
	401	0.0000e+00	0.0000e+00	0.0000e+00	3.7996e+01	6.2808e-01	2.4653e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	4.3098e+01	3.6687e-01	4.3904e+00
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	4.7251e+01	-3.3592e+00	3.3256e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	4.1773e+01	-2.5730e+00	1.8887e+00
	400	0.0000e+00	0.0000e+00	0.0000e+00	4.0372e+01	-1.7688e+00	2.5637e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	4.5752e+01	-2.3204e+00	4.0007e+00
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	5.2780e+01	-4.5457e+00	-4.6533e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	4.6987e+01	-3.1784e+00	-3.4359e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	4.8037e+01	-3.8764e+00	-1.8547e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	5.4187e+01	-5.6428e+00	-3.0721e+00
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	5.0014e+01	-9.4859e-01	-5.9070e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	4.4645e+01	-5.0974e-01	-3.8920e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	4.6271e+01	-2.1100e+00	-3.0049e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	5.2455e+01	-3.4292e+00	-5.0199e+00
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	4.7149e+01	3.3372e+00	-5.4340e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	4.2094e+01	2.7785e+00	-3.3700e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	4.3747e+01	9.4576e-01	-3.4614e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	4.9662e+01	5.6824e-01	-5.5254e+00
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	4.5082e+01	6.8054e+00	-3.3837e+00

	394	0.0000e+00	0.0000e+00	0.0000e+00	4.0153e+01	5.5278e+00	-1.9176e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	4.1328e+01	4.0833e+00	-2.8706e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	4.6866e+01	4.6945e+00	-4.3367e+00
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	4.4326e+01	8.5316e+00	-3.7431e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	3.9350e+01	6.9670e+00	1.2357e-01
	394	0.0000e+00	0.0000e+00	0.0000e+00	3.9737e+01	6.3058e+00	-1.3258e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	4.4945e+01	7.6137e+00	-1.8237e+00
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	4.5057e+01	8.1487e+00	2.8377e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	3.9895e+01	6.7675e+00	2.2463e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	3.9382e+01	7.0397e+00	7.6043e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	4.4377e+01	8.6031e+00	1.3519e+00
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	4.7169e+01	5.7520e+00	5.4993e+00
	391	0.0000e+00	0.0000e+00	0.0000e+00	4.1710e+01	4.9959e+00	3.9116e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	4.0377e+01	6.1193e+00	2.8506e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	4.5297e+01	7.4659e+00	4.4384e+00
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	5.0223e+01	1.9427e+00	6.9403e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	4.4425e+01	2.1192e+00	4.6931e+00
	391	0.0000e+00	0.0000e+00	0.0000e+00	4.2554e+01	3.7708e+00	4.4319e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	4.7558e+01	4.4649e+00	6.6791e+00
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	5.3406e+01	-2.0936e+00	6.7523e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	4.7345e+01	-9.8163e-01	4.4531e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	4.5427e+01	6.5354e-01	5.1445e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	5.0684e+01	3.9532e-01	7.4437e+00
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	5.5576e+01	-4.8700e+00	5.0689e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	4.9748e+01	-3.1973e+00	3.4432e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	4.8214e+01	-2.2145e+00	4.8749e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	5.3829e+01	-3.3792e+00	6.5006e+00
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	5.9456e+01	-7.1229e+00	-7.0873e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	5.5470e+01	-4.8986e+00	-5.5799e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	5.6674e+01	-5.9765e+00	-2.9453e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	6.1294e+01	-8.9735e+00	-4.4527e+00
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	5.5911e+01	-1.2882e+00	-9.3268e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	5.2425e+01	-8.9619e-01	-6.6786e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	5.4406e+01	-3.3306e+00	-5.4701e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	5.9275e+01	-5.3338e+00	-8.1182e+00
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	5.2453e+01	5.2184e+00	-8.4434e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	4.9081e+01	3.9477e+00	-5.8188e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	5.1132e+01	1.1871e+00	-6.3829e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	5.5699e+01	1.0342e+00	-9.0074e+00
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	5.0101e+01	1.0190e+01	-5.1348e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	4.6587e+01	7.8667e+00	-3.3383e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	4.8053e+01	5.7333e+00	-5.2516e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	5.2261e+01	7.2019e+00	-7.0481e+00
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	4.9264e+01	1.2559e+01	-5.4088e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	4.5552e+01	9.8235e+00	7.4004e-02
	383	0.0000e+00	0.0000e+00	0.0000e+00	4.6052e+01	8.8940e+00	-2.5351e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	5.0005e+01	1.1330e+01	-3.1500e+00
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	5.0052e+01	1.1966e+01	4.2879e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	4.6160e+01	9.4387e+00	3.6301e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	4.5574e+01	9.9155e+00	9.7590e-01
	371	0.0000e+00	0.0000e+00	0.0000e+00	4.9310e+01	1.2648e+01	1.6336e+00
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	5.2408e+01	8.4860e+00	8.3647e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	4.8313e+01	6.8262e+00	6.5100e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	4.6739e+01	8.5821e+00	4.4578e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	5.0239e+01	1.0989e+01	6.3124e+00
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	5.5979e+01	2.7555e+00	1.0647e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	5.1604e+01	2.6166e+00	7.9201e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	4.9389e+01	5.1647e+00	7.1206e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	5.2690e+01	6.6104e+00	9.8477e+00
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	5.9809e+01	-3.5889e+00	1.0214e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	5.5184e+01	-1.9365e+00	7.3639e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	5.2962e+01	5.6241e-01	8.2655e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	5.6278e+01	4.2796e-01	1.1116e+01

2181	366	0.0000e+00	0.0000e+00	0.0000e+00	6.2109e+01	-7.8967e+00	7.0142e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	5.8086e+01	-5.1557e+00	5.1458e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	5.6370e+01	-3.6678e+00	7.4828e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	6.0053e+01	-5.5584e+00	9.3512e+00
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	6.0078e+01	-1.1603e+01	-1.0179e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	6.1488e+01	-8.2918e+00	-8.2337e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	6.2878e+01	-1.0204e+01	-4.1648e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	6.2614e+01	-1.4956e+01	-6.1100e+00
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	5.5792e+01	-1.5546e+00	-1.3532e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	5.7395e+01	-1.5427e+00	-1.0081e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	5.9834e+01	-5.7378e+00	-8.7902e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	6.0316e+01	-8.2850e+00	-1.2240e+01
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	5.2320e+01	8.2599e+00	-1.1681e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	5.3219e+01	5.9764e+00	-8.6781e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	5.5654e+01	1.4997e+00	-1.0188e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	5.5945e+01	2.2086e+00	-1.3191e+01
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	5.0303e+01	1.5131e+01	-6.7964e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	5.0379e+01	1.1586e+01	-4.9425e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	5.2037e+01	8.3246e+00	-8.1754e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	5.2388e+01	1.1187e+01	-1.0029e+01
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	4.9660e+01	1.8246e+01	-6.0588e-01
	371	0.0000e+00	0.0000e+00	0.0000e+00	4.9262e+01	1.4184e+01	1.1796e-02
	372	0.0000e+00	0.0000e+00	0.0000e+00	4.9828e+01	1.2851e+01	-3.9838e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	5.0340e+01	1.6707e+01	-4.6015e+00
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	5.0319e+01	1.7443e+01	5.7830e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	4.9870e+01	1.3497e+01	5.1809e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	4.9277e+01	1.4297e+01	1.1407e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	4.9697e+01	1.8357e+01	1.7428e+00
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	5.2358e+01	1.2708e+01	1.1381e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	5.2135e+01	9.6463e+00	9.5502e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	5.0444e+01	1.2449e+01	6.1742e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	5.0353e+01	1.6078e+01	8.0049e+00
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	5.5863e+01	4.3442e+00	1.4878e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	5.5824e+01	3.2830e+00	1.1900e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	5.3323e+01	7.4840e+00	1.0120e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	5.2352e+01	9.9502e+00	1.3098e+01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	6.0227e+01	-5.9534e+00	1.4486e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	6.0122e+01	-3.9195e+00	1.1002e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	5.7560e+01	3.4518e-01	1.1880e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	5.5757e+01	6.3919e-01	1.5364e+01
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	6.2487e+01	-1.3318e+01	9.0623e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	6.3675e+01	-9.0527e+00	6.9077e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	6.1819e+01	-6.5924e+00	1.0488e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	5.9995e+01	-9.4220e+00	1.2642e+01
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	4.7549e+01	-1.8267e+01	-1.4119e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	6.0291e+01	-1.4142e+01	-1.1480e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	6.1970e+01	-1.7819e+01	-5.5038e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	5.1196e+01	-2.5539e+01	-8.1426e+00
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	4.3883e+01	-7.7032e-02	-1.7715e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	5.4691e+01	-1.9931e+00	-1.3715e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	5.7668e+01	-9.5931e+00	-1.3301e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	4.8980e+01	-1.2328e+01	-1.7301e+01
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	4.2624e+01	1.3299e+01	-1.3712e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	5.0441e+01	9.3756e+00	-1.1383e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	5.2989e+01	2.1645e+00	-1.4542e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	4.4777e+01	4.5032e+00	-1.6872e+01
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	4.2383e+01	2.1721e+01	-7.4892e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	4.8244e+01	1.6858e+01	-6.3423e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	4.9694e+01	1.2086e+01	-1.1000e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	4.3247e+01	1.6455e+01	-1.2147e+01
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	4.2461e+01	2.5285e+01	-4.1336e-01
	360	0.0000e+00	0.0000e+00	0.0000e+00	4.7513e+01	2.0040e+01	-5.2981e-02
	361	0.0000e+00	0.0000e+00	0.0000e+00	4.7989e+01	1.8216e+01	-5.2710e+00

	350	0.0000e+00	0.0000e+00	0.0000e+00	4.2713e+01	2.3312e+01	-5.6314e+00
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	4.2636e+01	2.4143e+01	6.7796e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	4.7960e+01	1.8959e+01	6.4904e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	4.7526e+01	2.0172e+01	1.2402e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	4.2486e+01	2.5393e+01	1.5293e+00
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	4.3069e+01	1.8181e+01	1.3409e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	4.9618e+01	1.3641e+01	1.2364e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	4.8230e+01	1.7862e+01	7.5990e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	4.2348e+01	2.2765e+01	8.6440e+00
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	4.4374e+01	7.0135e+00	1.8370e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	5.2800e+01	4.3581e+00	1.6208e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	5.0343e+01	1.1179e+01	1.2828e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	4.2468e+01	1.5222e+01	1.4989e+01
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	4.8135e+01	-9.2727e+00	1.9295e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	5.7292e+01	-7.1881e+00	1.5554e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	5.4403e+01	4.2218e-01	1.5517e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	4.3472e+01	2.5790e+00	1.9259e+01
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	4.9841e+01	-2.3106e+01	1.1119e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	6.1789e+01	-1.6070e+01	8.5455e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	5.9790e+01	-1.1732e+01	1.3820e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	4.6646e+01	-1.5148e+01	1.6393e+01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	8.5080e+00	-3.0555e+01	-1.8933e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	4.4349e+01	-2.3057e+01	-1.5839e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	4.5305e+01	-3.1375e+01	-7.1679e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	1.3796e+01	-4.1062e+01	-1.0261e+01
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	1.4247e+01	-2.5154e+00	-1.7228e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	3.8492e+01	3.6284e-01	-1.6930e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	3.8269e+01	-1.5000e+01	-2.0188e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	1.5070e+01	-5.6658e+00	-2.0486e+01
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	1.9715e+01	1.5560e+01	-1.1788e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	3.7349e+01	1.4800e+01	-1.2953e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	3.7128e+01	3.7177e+00	-1.8122e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	1.7585e+01	1.3202e+01	-1.6957e+01
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	2.3356e+01	2.6503e+01	-6.0101e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	3.7563e+01	2.3441e+01	-6.9492e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	3.7036e+01	1.6855e+01	-1.2599e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	2.1988e+01	2.4989e+01	-1.1659e+01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	2.4919e+01	3.1774e+01	2.5509e-01
	349	0.0000e+00	0.0000e+00	0.0000e+00	3.7701e+01	2.6845e+01	-5.3316e-02
	350	0.0000e+00	0.0000e+00	0.0000e+00	3.7497e+01	2.4464e+01	-5.9099e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	2.4500e+01	3.1142e+01	-5.6015e+00
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	2.4356e+01	3.1821e+01	6.6361e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	3.7437e+01	2.5283e+01	7.0505e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	3.7687e+01	2.6979e+01	1.1790e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	2.4943e+01	3.2078e+01	7.6465e-01
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	2.1680e+01	2.6624e+01	1.2730e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	3.6854e+01	1.8588e+01	1.3812e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	3.7465e+01	2.4527e+01	8.1153e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	2.3252e+01	2.7781e+01	7.0339e+00
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	1.7006e+01	1.5719e+01	1.8096e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	3.6696e+01	6.2634e+00	1.9490e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	3.7094e+01	1.6794e+01	1.4228e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	1.9421e+01	1.7767e+01	1.2834e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	1.3926e+01	-2.3716e+00	2.1770e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	3.7336e+01	-1.1863e+01	2.1902e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	3.7899e+01	3.1654e+00	1.8436e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	1.3629e+01	5.4197e-01	1.8305e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	1.0896e+01	-3.6331e+01	1.2553e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	4.3831e+01	-2.8756e+01	1.0341e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	4.2892e+01	-1.9482e+01	1.7816e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	7.3708e+00	-2.6722e+01	2.0028e+01
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	-5.0516e+01	5.0060e+01	4.7514e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-2.2327e+01	-2.9259e+01	-2.6930e+00

	343	0.0000e+00	0.0000e+00	0.0000e+00	2.8018e+01	-5.4452e+01	-1.1528e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-1.1589e+02	-1.1626e+02	-4.0836e+00
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	-2.8421e+01	5.1236e+01	-6.0806e-01
	339	0.0000e+00	0.0000e+00	0.0000e+00	-7.0522e+00	2.8349e+00	-8.0250e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.2402e+00	-1.5075e+01	-9.3275e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	-4.9203e+01	-6.0895e+01	-1.9105e+00
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	-1.4675e+01	5.2816e+01	-1.7543e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	3.9881e+00	1.8611e+01	-6.1993e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	8.0877e+00	8.2939e+00	-7.8499e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	-2.7747e+01	-2.2639e+01	-3.4049e+00
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	-7.2844e+00	4.9864e+01	-9.9986e-01
	335	0.0000e+00	0.0000e+00	0.0000e+00	1.0982e+01	2.8366e+01	-3.3384e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	1.3390e+01	2.2580e+01	-5.6800e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-1.4413e+01	5.7223e+00	-3.3415e+00
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	-4.9833e+00	4.2072e+01	8.3654e-01
	333	0.0000e+00	0.0000e+00	0.0000e+00	1.4628e+01	3.2501e+01	1.9581e-01
	335	0.0000e+00	0.0000e+00	0.0000e+00	1.5623e+01	3.0473e+01	-2.5410e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-7.2713e+00	2.6326e+01	-1.9003e+00
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-7.3769e+00	2.8804e+01	2.8754e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	1.5235e+01	3.1222e+01	3.8126e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	1.4864e+01	3.2733e+01	1.0816e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-5.1141e+00	4.0563e+01	1.4446e-01
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.4787e+01	9.0600e+00	4.2833e+00
	329	0.0000e+00	0.0000e+00	0.0000e+00	1.2825e+01	2.4282e+01	6.9377e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	1.1048e+01	2.9569e+01	4.6151e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	-7.6525e+00	4.9395e+01	1.9607e+00
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-2.8451e+01	-1.8597e+01	4.2829e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	7.2712e+00	1.0887e+01	9.0839e+00
	329	0.0000e+00	0.0000e+00	0.0000e+00	3.8232e+00	2.0738e+01	7.4690e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.5313e+01	5.3422e+01	2.6680e+00
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-5.0313e+01	-5.6371e+01	2.6844e+00
	325	0.0000e+00	0.0000e+00	0.0000e+00	-2.4183e+00	-1.1639e+01	1.0506e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-7.5566e+00	5.7732e+00	9.2782e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-2.9388e+01	5.2938e+01	1.4569e+00
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1649e+02	-1.1157e+02	4.2097e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	2.4966e+01	-4.9386e+01	1.2283e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-2.3280e+01	-2.5504e+01	4.1255e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	-5.1948e+01	5.2845e+01	-3.9476e+00
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	2.9268e+01	-3.2652e+00	1.7255e+00
	323	0.0000e+00	0.0000e+00	0.0000e+00	3.0213e+01	-3.3304e-01	1.6496e+00
	14	0.0000e+00	0.0000e+00	0.0000e+00	2.5297e+01	-1.0197e+01	1.1179e+00
	314	0.0000e+00	0.0000e+00	0.0000e+00	3.4031e+01	-6.2113e+00	1.1939e+00
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	2.8963e+01	1.1245e+00	1.9138e+00
	322	0.0000e+00	0.0000e+00	0.0000e+00	3.0709e+01	1.0668e+00	2.2182e+00
	323	0.0000e+00	0.0000e+00	0.0000e+00	3.1051e+01	-1.3801e+00	2.2183e+00
	313	0.0000e+00	0.0000e+00	0.0000e+00	2.9235e+01	-1.4381e+00	1.9139e+00
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	2.8079e+01	2.8509e+00	1.3216e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	2.9978e+01	3.0419e+00	2.0916e+00
	322	0.0000e+00	0.0000e+00	0.0000e+00	3.0751e+01	1.7030e+00	2.2398e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	2.8860e+01	1.6002e+00	1.4698e+00
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	2.7042e+01	3.8222e+00	7.4694e-01
	320	0.0000e+00	0.0000e+00	0.0000e+00	2.8953e+01	4.1505e+00	1.5417e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	2.9800e+01	3.5272e+00	1.8241e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	2.7799e+01	3.2959e+00	1.0293e+00
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	2.6233e+01	3.9817e+00	1.6868e-01
	319	0.0000e+00	0.0000e+00	0.0000e+00	2.8148e+01	4.3571e+00	7.1864e-01
	320	0.0000e+00	0.0000e+00	0.0000e+00	2.8724e+01	4.3920e+00	1.0797e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	2.6767e+01	4.0518e+00	5.2978e-01
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	2.5811e+01	3.3342e+00	-3.6161e-01
	318	0.0000e+00	0.0000e+00	0.0000e+00	2.7737e+01	3.6481e+00	-1.4091e-01
	319	0.0000e+00	0.0000e+00	0.0000e+00	2.7945e+01	4.2999e+00	2.0135e-01
	309	0.0000e+00	0.0000e+00	0.0000e+00	2.6048e+01	3.9355e+00	-1.9348e-02
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	2.5691e+01	1.9815e+00	-7.9407e-01



	317	0.0000e+00	0.0000e+00	0.0000e+00	2.7604e+01	2.1527e+00	-8.0026e-01
	318	0.0000e+00	0.0000e+00	0.0000e+00	2.7563e+01	3.3201e+00	-5.7277e-01
	308	0.0000e+00	0.0000e+00	0.0000e+00	2.5720e+01	3.0404e+00	-5.6658e-01
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	2.5591e+01	6.3846e-02	-1.1198e+00
	316	0.0000e+00	0.0000e+00	0.0000e+00	2.7338e+01	8.2275e-02	-1.0781e+00
	317	0.0000e+00	0.0000e+00	0.0000e+00	2.7395e+01	1.6621e+00	-1.0154e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	2.5618e+01	1.5562e+00	-1.0570e+00
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	2.4908e+01	-2.5659e+00	-1.3953e+00
	315	0.0000e+00	0.0000e+00	0.0000e+00	2.6410e+01	-2.6071e+00	-8.9702e-01
	316	0.0000e+00	0.0000e+00	0.0000e+00	2.6946e+01	-4.2866e-01	-9.9629e-01
	306	0.0000e+00	0.0000e+00	0.0000e+00	2.5378e+01	-2.7314e-01	-1.4946e+00
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	2.7971e+01	-5.9163e+00	-4.7259e-01
	13	0.0000e+00	0.0000e+00	0.0000e+00	2.0544e+01	-9.6924e+00	2.9118e-01
	315	0.0000e+00	0.0000e+00	0.0000e+00	2.5354e+01	-1.5176e+00	-4.0486e-01
	305	0.0000e+00	0.0000e+00	0.0000e+00	2.4701e+01	-3.9142e+00	-1.1686e+00
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	3.3302e+01	-2.7991e+00	2.9598e-01
	313	0.0000e+00	0.0000e+00	0.0000e+00	3.0605e+01	-3.3133e+00	1.7576e+00
	314	0.0000e+00	0.0000e+00	0.0000e+00	3.2212e+01	-4.9508e+00	9.3333e-01
	304	0.0000e+00	0.0000e+00	0.0000e+00	3.4645e+01	-3.8315e+00	-5.2828e-01
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	3.0772e+01	2.5649e-01	1.4108e-01
	312	0.0000e+00	0.0000e+00	0.0000e+00	2.9306e+01	4.9064e-01	1.5895e+00
	313	0.0000e+00	0.0000e+00	0.0000e+00	3.0730e+01	-9.8990e-01	1.9731e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	3.2271e+01	-1.5159e+00	5.2465e-01
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	2.8860e+01	2.2496e+00	-2.1677e-01
	311	0.0000e+00	0.0000e+00	0.0000e+00	2.8049e+01	2.5320e+00	9.5228e-01
	312	0.0000e+00	0.0000e+00	0.0000e+00	2.8998e+01	1.5932e+00	1.3867e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	3.0270e+01	1.0147e+00	2.1767e-01
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	2.7436e+01	3.3522e+00	-4.6480e-01
	310	0.0000e+00	0.0000e+00	0.0000e+00	2.6887e+01	3.5795e+00	4.6579e-01
	311	0.0000e+00	0.0000e+00	0.0000e+00	2.7711e+01	3.1601e+00	7.8581e-01
	301	0.0000e+00	0.0000e+00	0.0000e+00	2.8490e+01	2.7532e+00	-1.4477e-01
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	2.6517e+01	3.5619e+00	-5.7926e-01
	309	0.0000e+00	0.0000e+00	0.0000e+00	2.6051e+01	3.7733e+00	2.1674e-03
	310	0.0000e+00	0.0000e+00	0.0000e+00	2.6596e+01	3.8653e+00	2.4983e-01
	300	0.0000e+00	0.0000e+00	0.0000e+00	2.7147e+01	3.5859e+00	-3.3159e-01
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	2.6162e+01	2.9176e+00	-6.4663e-01
	308	0.0000e+00	0.0000e+00	0.0000e+00	2.5647e+01	3.1618e+00	-4.5967e-01
	309	0.0000e+00	0.0000e+00	0.0000e+00	2.5857e+01	3.7287e+00	-2.2871e-01
	299	0.0000e+00	0.0000e+00	0.0000e+00	2.6330e+01	3.5153e+00	-4.1567e-01
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	2.6309e+01	1.5433e+00	-7.8069e-01
	307	0.0000e+00	0.0000e+00	0.0000e+00	2.5602e+01	1.8742e+00	-9.2068e-01
	308	0.0000e+00	0.0000e+00	0.0000e+00	2.5550e+01	2.8170e+00	-6.5417e-01
	298	0.0000e+00	0.0000e+00	0.0000e+00	2.6078e+01	2.6198e+00	-5.1419e-01
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	2.6844e+01	-3.5091e-01	-1.0413e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	2.5710e+01	9.4610e-02	-1.3781e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	2.5559e+01	1.2799e+00	-1.0448e+00
	297	0.0000e+00	0.0000e+00	0.0000e+00	2.6316e+01	1.0649e+00	-7.0802e-01
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	2.7546e+01	-2.4288e+00	-1.1910e+00
	305	0.0000e+00	0.0000e+00	0.0000e+00	2.6194e+01	-2.1098e+00	-1.7332e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	2.5652e+01	-8.0116e-01	-1.5051e+00
	296	0.0000e+00	0.0000e+00	0.0000e+00	2.6994e+01	-9.3416e-01	-9.6294e-01
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	2.8535e+01	-3.5762e+00	-7.7995e-02
	206	0.0000e+00	0.0000e+00	0.0000e+00	2.6391e+01	-4.7467e+00	-5.5646e-01
	305	0.0000e+00	0.0000e+00	0.0000e+00	2.5781e+01	-3.8592e+00	-1.4441e+00
	295	0.0000e+00	0.0000e+00	0.0000e+00	2.8179e+01	-3.2706e+00	-9.6562e-01
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	3.7993e+01	-2.4238e+00	-2.0257e+00
	303	0.0000e+00	0.0000e+00	0.0000e+00	3.4063e+01	-2.3677e+00	-5.5988e-01
	304	0.0000e+00	0.0000e+00	0.0000e+00	3.5574e+01	-3.2627e+00	-5.7332e-01
	294	0.0000e+00	0.0000e+00	0.0000e+00	3.9441e+01	-3.1799e+00	-2.0391e+00
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	3.5368e+01	-1.6236e-01	-2.2222e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	3.1812e+01	1.9574e-01	-3.7517e-01
	303	0.0000e+00	0.0000e+00	0.0000e+00	3.3641e+01	-1.2248e+00	-5.9361e-02
	293	0.0000e+00	0.0000e+00	0.0000e+00	3.7267e+01	-1.4926e+00	-1.9064e+00

2244	291	0.0000e+00	0.0000e+00	0.0000e+00	3.2887e+01	1.9888e+00	-2.2681e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	2.9805e+01	2.1702e+00	-6.3470e-01
	302	0.0000e+00	0.0000e+00	0.0000e+00	3.1263e+01	1.2193e+00	-3.0665e-01
	292	0.0000e+00	0.0000e+00	0.0000e+00	3.4725e+01	7.5062e-01	-1.9400e+00
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	3.0987e+01	3.3693e+00	-1.9761e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	2.8210e+01	3.3586e+00	-7.4759e-01
	301	0.0000e+00	0.0000e+00	0.0000e+00	2.9281e+01	2.9264e+00	-6.1194e-01
	291	0.0000e+00	0.0000e+00	0.0000e+00	3.2394e+01	2.6468e+00	-1.8405e+00
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	2.9856e+01	3.7284e+00	-1.4045e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	2.7187e+01	3.6481e+00	-7.0570e-01
	300	0.0000e+00	0.0000e+00	0.0000e+00	2.7818e+01	3.7356e+00	-7.2338e-01
	290	0.0000e+00	0.0000e+00	0.0000e+00	3.0636e+01	3.6904e+00	-1.4222e+00
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	2.9553e+01	3.0422e+00	-7.7762e-01
	298	0.0000e+00	0.0000e+00	0.0000e+00	2.6818e+01	3.0522e+00	-6.4649e-01
	299	0.0000e+00	0.0000e+00	0.0000e+00	2.6986e+01	3.6218e+00	-6.7471e-01
	289	0.0000e+00	0.0000e+00	0.0000e+00	2.9650e+01	3.6877e+00	-8.0584e-01
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	2.9989e+01	1.4910e+00	-3.3949e-01
	297	0.0000e+00	0.0000e+00	0.0000e+00	2.7054e+01	1.7060e+00	-7.0757e-01
	298	0.0000e+00	0.0000e+00	0.0000e+00	2.6808e+01	2.6549e+00	-6.0768e-01
	288	0.0000e+00	0.0000e+00	0.0000e+00	2.9493e+01	2.6719e+00	-2.3960e-01
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	3.0937e+01	-5.1709e-01	-1.9828e-01
	296	0.0000e+00	0.0000e+00	0.0000e+00	2.7755e+01	-1.5200e-01	-9.1147e-01
	297	0.0000e+00	0.0000e+00	0.0000e+00	2.7177e+01	1.0280e+00	-6.5323e-01
	287	0.0000e+00	0.0000e+00	0.0000e+00	3.0076e+01	8.8133e-01	5.9961e-02
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	3.2023e+01	-2.2782e+00	-1.6142e-01
	295	0.0000e+00	0.0000e+00	0.0000e+00	2.8769e+01	-2.1387e+00	-1.0035e+00
	296	0.0000e+00	0.0000e+00	0.0000e+00	2.7910e+01	-9.3652e-01	-7.9152e-01
	286	0.0000e+00	0.0000e+00	0.0000e+00	3.1182e+01	-1.2170e+00	5.0524e-02
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	3.2729e+01	-2.7499e+00	9.9846e-02
	195	0.0000e+00	0.0000e+00	0.0000e+00	2.9318e+01	-3.0223e+00	-3.2349e-01
	295	0.0000e+00	0.0000e+00	0.0000e+00	2.8820e+01	-2.8137e+00	-4.7509e-01
	285	0.0000e+00	0.0000e+00	0.0000e+00	3.2372e+01	-2.7857e+00	-5.1746e-02
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	4.4962e+01	-2.7872e+00	-4.5004e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	3.9744e+01	-2.1581e+00	-2.9193e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	4.1286e+01	-2.8173e+00	-2.1670e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	4.6612e+01	-3.6790e+00	-3.7481e+00
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	4.2027e+01	-3.3034e-01	-5.0569e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	3.7132e+01	2.4202e-02	-2.9570e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	3.9050e+01	-1.1463e+00	-2.4210e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	4.4348e+01	-1.8539e+00	-4.5210e+00
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	3.9057e+01	2.2923e+00	-4.8403e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	3.4526e+01	2.1994e+00	-2.7959e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	3.6328e+01	1.1596e+00	-2.6381e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	4.1381e+01	7.5416e-01	-4.6825e+00
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	3.6707e+01	4.1607e+00	-3.8360e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	3.2431e+01	3.6968e+00	-2.2703e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	3.3792e+01	3.1252e+00	-2.5281e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	3.8506e+01	3.1723e+00	-4.0939e+00
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	3.5349e+01	4.7577e+00	-2.3175e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	3.1151e+01	4.1591e+00	-1.4654e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	3.1916e+01	4.1948e+00	-1.9847e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	3.6304e+01	4.6252e+00	-2.8368e+00
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	3.5094e+01	3.9610e+00	-7.2025e-01
	288	0.0000e+00	0.0000e+00	0.0000e+00	3.0805e+01	3.5110e+00	-6.4540e-01
	289	0.0000e+00	0.0000e+00	0.0000e+00	3.0934e+01	4.1481e+00	-1.1648e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	3.5117e+01	4.7274e+00	-1.2396e+00
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	3.5818e+01	2.0057e+00	5.1345e-01
	287	0.0000e+00	0.0000e+00	0.0000e+00	3.1319e+01	1.9295e+00	-9.0685e-02
	288	0.0000e+00	0.0000e+00	0.0000e+00	3.0884e+01	3.0251e+00	-3.5393e-01
	278	0.0000e+00	0.0000e+00	0.0000e+00	3.5035e+01	3.4707e+00	2.5020e-01
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	3.7154e+01	-4.9687e-01	1.0766e+00
	286	0.0000e+00	0.0000e+00	0.0000e+00	3.2432e+01	-1.4701e-01	5.8400e-02
	287	0.0000e+00	0.0000e+00	0.0000e+00	3.1616e+01	1.1178e+00	1.9105e-01

	277	0.0000e+00	0.0000e+00	0.0000e+00	3.5914e+01	1.2047e+00	1.2093e+00
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	3.8505e+01	-2.5563e+00	9.2764e-01
	285	0.0000e+00	0.0000e+00	0.0000e+00	3.3661e+01	-1.9611e+00	-6.7147e-02
	286	0.0000e+00	0.0000e+00	0.0000e+00	3.2798e+01	-1.0033e+00	3.9880e-01
	276	0.0000e+00	0.0000e+00	0.0000e+00	3.7361e+01	-1.3315e+00	1.3936e+00
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	3.9130e+01	-3.0081e+00	2.9113e-01
	184	0.0000e+00	0.0000e+00	0.0000e+00	3.4353e+01	-2.4009e+00	-1.2445e-01
	285	0.0000e+00	0.0000e+00	0.0000e+00	3.3923e+01	-2.4723e+00	4.5951e-01
	275	0.0000e+00	0.0000e+00	0.0000e+00	3.8721e+01	-3.0224e+00	8.7509e-01
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	5.2805e+01	-4.0250e+00	-7.2764e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	4.7370e+01	-2.7526e+00	-5.4716e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	4.9083e+01	-3.5539e+00	-3.9363e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	5.4734e+01	-5.3242e+00	-5.7411e+00
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	4.9319e+01	-5.2959e-01	-8.4456e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	4.4290e+01	-1.2991e-01	-5.9335e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	4.6416e+01	-1.5447e+00	-5.1041e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	5.2263e+01	-2.7887e+00	-7.6162e+00
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	4.5777e+01	3.2462e+00	-7.9631e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	4.1053e+01	2.7188e+00	-5.4507e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	4.3181e+01	1.3096e+00	-5.5450e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	4.8720e+01	9.6918e-01	-8.0574e+00
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	4.3002e+01	5.9852e+00	-6.0465e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	3.8418e+01	4.8176e+00	-4.1243e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	4.0073e+01	3.9318e+00	-5.0003e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	4.5227e+01	4.5003e+00	-6.9225e+00
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	4.1453e+01	6.9508e+00	-3.3020e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	3.6856e+01	5.5588e+00	-2.2936e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	3.7767e+01	5.4846e+00	-3.5933e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	4.2578e+01	6.6683e+00	-4.6017e+00
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	4.1269e+01	5.9503e+00	-4.5102e-01
	278	0.0000e+00	0.0000e+00	0.0000e+00	3.6529e+01	4.7781e+00	-4.4140e-01
	279	0.0000e+00	0.0000e+00	0.0000e+00	3.6620e+01	5.5548e+00	-1.7281e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	4.1197e+01	6.9326e+00	-1.7377e+00
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	4.2318e+01	3.2558e+00	1.8012e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	3.7327e+01	2.7118e+00	9.3219e-01
	278	0.0000e+00	0.0000e+00	0.0000e+00	3.6706e+01	4.1394e+00	8.7688e-02
	268	0.0000e+00	0.0000e+00	0.0000e+00	4.1185e+01	5.2691e+00	9.5666e-01
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	4.4151e+01	-3.4511e-01	2.8446e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	3.8865e+01	4.0159e-03	1.4502e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	3.7829e+01	1.6345e+00	1.3827e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	4.2373e+01	2.1174e+00	2.7771e+00
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	4.5959e+01	-3.4733e+00	2.3497e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	4.0460e+01	-2.2868e+00	1.0384e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	3.9493e+01	-1.1243e+00	1.8478e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	4.4280e+01	-1.5419e+00	3.1591e+00
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	4.6646e+01	-4.4409e+00	5.5919e-01
	173	0.0000e+00	0.0000e+00	0.0000e+00	4.1397e+01	-2.8887e+00	4.5681e-02
	275	0.0000e+00	0.0000e+00	0.0000e+00	4.0930e+01	-2.9414e+00	1.4446e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	4.6077e+01	-4.1616e+00	1.9581e+00
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	5.8811e+01	-6.4328e+00	-1.0455e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	5.5291e+01	-4.3979e+00	-8.3763e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	5.7225e+01	-5.6576e+00	-5.9068e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	6.1073e+01	-8.5167e+00	-7.9857e+00
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	5.4649e+01	-8.0001e-01	-1.2506e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	5.1538e+01	-4.6742e-01	-9.4121e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	5.4007e+01	-2.7025e+00	-8.3258e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	5.8424e+01	-4.5228e+00	-1.1419e+01
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	5.0602e+01	5.0267e+00	-1.1606e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	4.7544e+01	3.8220e+00	-8.5814e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	5.0059e+01	1.5517e+00	-9.1497e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	5.4191e+01	1.4733e+00	-1.2174e+01
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	4.7594e+01	9.1035e+00	-8.5004e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	4.4375e+01	6.9642e+00	-6.2773e+00

	271	0.0000e+00	0.0000e+00	0.0000e+00	4.6317e+01	5.4668e+00	-8.0655e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	5.0139e+01	6.8715e+00	-1.0289e+01
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	4.5997e+01	1.0582e+01	-4.2839e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	4.2574e+01	8.1213e+00	-3.1720e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	4.3609e+01	7.8416e+00	-5.5501e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	4.7206e+01	1.0094e+01	-6.6619e+00
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	4.5898e+01	9.2887e+00	4.6585e-02
	268	0.0000e+00	0.0000e+00	0.0000e+00	4.2288e+01	7.0952e+00	-1.6393e-02
	269	0.0000e+00	0.0000e+00	0.0000e+00	4.2326e+01	8.1100e+00	-2.3669e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	4.5733e+01	1.0575e+01	-2.3039e+00
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	4.7228e+01	5.4869e+00	3.5620e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	4.3397e+01	4.1797e+00	2.4208e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	4.2557e+01	6.2342e+00	7.0525e-01
	258	0.0000e+00	0.0000e+00	0.0000e+00	4.5764e+01	8.3269e+00	1.8464e+00
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	4.9627e+01	1.8531e-02	5.2935e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	4.5481e+01	1.9543e-01	3.4131e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	4.4124e+01	2.6673e+00	2.9323e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	4.7189e+01	3.7972e+00	4.8127e+00
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	5.2146e+01	-5.2688e+00	4.4158e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	4.7700e+01	-3.4055e+00	2.5481e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	4.6458e+01	-1.5003e+00	3.6861e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	4.9619e+01	-1.8923e+00	5.5538e+00
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	5.3032e+01	-7.5109e+00	9.8610e-01
	162	0.0000e+00	0.0000e+00	0.0000e+00	4.9088e+01	-4.7424e+00	2.3455e-01
	265	0.0000e+00	0.0000e+00	0.0000e+00	4.8484e+01	-4.5139e+00	2.6526e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	5.2119e+01	-6.5374e+00	3.4041e+00
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	5.8615e+01	-1.0569e+01	-1.4106e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	6.0538e+01	-7.5567e+00	-1.1725e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	6.2640e+01	-9.7315e+00	-7.9858e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	6.1318e+01	-1.4130e+01	-1.0367e+01
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	5.3980e+01	-9.6430e-01	-1.7169e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	5.5900e+01	-9.9872e-01	-1.3432e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	5.8734e+01	-4.9436e+00	-1.2320e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	5.8689e+01	-7.1815e+00	-1.6057e+01
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	5.0111e+01	7.9083e+00	-1.5352e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	5.1212e+01	5.7620e+00	-1.2070e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	5.4034e+01	1.8821e+00	-1.3551e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	5.3913e+01	2.6714e+00	-1.6834e+01
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	4.7572e+01	1.3678e+01	-1.0784e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	4.7788e+01	1.0413e+01	-8.5863e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	4.9865e+01	7.8899e+00	-1.1617e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	4.9931e+01	1.0632e+01	-1.3815e+01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	4.6295e+01	1.5753e+01	-5.0902e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	4.5967e+01	1.2080e+01	-4.0481e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	4.7023e+01	1.1467e+01	-7.7175e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	4.7342e+01	1.5066e+01	-8.7596e+00
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	4.6224e+01	1.4152e+01	6.8080e-01
	258	0.0000e+00	0.0000e+00	0.0000e+00	4.5743e+01	1.0674e+01	5.9016e-01
	259	0.0000e+00	0.0000e+00	0.0000e+00	4.5729e+01	1.2040e+01	-3.0376e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	4.6056e+01	1.5752e+01	-2.9469e+00
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	4.7440e+01	9.0590e+00	5.5931e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	4.7042e+01	6.5079e+00	4.3715e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	4.6031e+01	9.5821e+00	1.4554e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	4.5985e+01	1.2810e+01	2.6770e+00
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	5.0023e+01	1.0107e+00	8.4106e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	4.9623e+01	4.3956e-01	6.1551e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	4.7913e+01	4.4675e+00	4.8276e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	4.7181e+01	6.5273e+00	7.0831e+00
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	5.3373e+01	-8.0578e+00	7.4605e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	5.2677e+01	-5.6392e+00	4.8190e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	5.1016e+01	-2.1451e+00	6.0646e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	4.9703e+01	-2.1950e+00	8.7061e+00
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	5.4572e+01	-1.3098e+01	1.7234e+00

	151	0.0000e+00	0.0000e+00	0.0000e+00	5.4870e+01	-8.6035e+00	5.1482e-01
	255	0.0000e+00	0.0000e+00	0.0000e+00	5.4022e+01	-7.6767e+00	4.3071e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	5.2981e+01	-1.0698e+01	5.5158e+00
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	4.5297e+01	-1.6615e+01	-1.8211e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	5.8408e+01	-1.2963e+01	-1.5426e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	6.0654e+01	-1.6948e+01	-9.9713e+00
	244	0.0000e+00	0.0000e+00	0.0000e+00	4.8672e+01	-2.4106e+01	-1.2756e+01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	4.1756e+01	5.1827e-01	-2.1465e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	5.2650e+01	-1.2995e+00	-1.7492e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	5.5803e+01	-8.5232e+00	-1.7245e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	4.6622e+01	-1.0830e+01	-2.1219e+01
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	4.0341e+01	1.2639e+01	-1.7707e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	4.8156e+01	8.9977e+00	-1.5273e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	5.0916e+01	2.5435e+00	-1.8295e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	4.2493e+01	4.8915e+00	-2.0729e+01
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	3.9791e+01	1.9770e+01	-1.1938e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	4.5538e+01	1.5319e+01	-1.0587e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	4.7277e+01	1.1393e+01	-1.4943e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	4.0780e+01	1.5574e+01	-1.6294e+01
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	3.9492e+01	2.2170e+01	-5.4422e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	4.4262e+01	1.7436e+01	-4.8136e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	4.5099e+01	1.6389e+01	-9.6201e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	3.9924e+01	2.1181e+01	-1.0249e+01
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	3.9280e+01	2.0153e+01	1.0841e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	4.4077e+01	1.5560e+01	1.1034e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	4.4067e+01	1.7342e+01	-3.6540e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	3.9329e+01	2.2177e+01	-3.6732e+00
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	3.9357e+01	1.3806e+01	6.9920e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	4.5036e+01	9.9140e+00	6.2882e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	4.4135e+01	1.4342e+01	2.0745e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	3.8837e+01	1.8800e+01	2.7783e+00
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	4.0340e+01	3.0142e+00	1.1225e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	4.7442e+01	1.0087e+00	9.4536e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	4.5552e+01	7.4999e+00	6.6427e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	3.8655e+01	1.1065e+01	8.4140e+00
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	4.3753e+01	-1.1799e+01	1.1526e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	5.1070e+01	-9.2098e+00	8.2684e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	4.8833e+01	-2.6226e+00	8.7245e+00
	236	0.0000e+00	0.0000e+00	0.0000e+00	3.9414e+01	-9.3755e-01	1.1982e+01
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	4.5171e+01	-2.2965e+01	3.0623e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	5.4666e+01	-1.5619e+01	1.0143e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	5.3365e+01	-1.3133e+01	6.5931e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	4.2338e+01	-1.6844e+01	8.6411e+00
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	6.3614e+00	-2.8380e+01	-2.2127e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	4.1580e+01	-2.1007e+01	-1.9748e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	4.2777e+01	-2.9828e+01	-1.2084e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	9.9643e+00	-3.7644e+01	-1.4462e+01
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	1.2285e+01	-1.8577e+00	-2.0858e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	3.6277e+01	9.9593e-01	-2.0785e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	3.5985e+01	-1.3545e+01	-2.3912e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	1.2724e+01	-4.4937e+00	-2.3985e+01
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	1.7788e+01	1.4741e+01	-1.5898e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	3.5109e+01	1.4097e+01	-1.7090e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	3.4984e+01	3.9791e+00	-2.1960e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	1.5508e+01	1.2986e+01	-2.0768e+01
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	2.1417e+01	2.4254e+01	-1.0643e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	3.5116e+01	2.1430e+01	-1.1553e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	3.4768e+01	1.5790e+01	-1.6814e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	1.9928e+01	2.3394e+01	-1.5904e+01
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	2.3023e+01	2.8234e+01	-4.9411e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	3.5000e+01	2.3682e+01	-5.2318e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	3.4986e+01	2.2108e+01	-1.0632e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	2.2451e+01	2.8257e+01	-1.0341e+01

2307	222	0.0000e+00	0.0000e+00	0.0000e+00	2.2653e+01	2.7268e+01	8.5542e-01
	238	0.0000e+00	0.0000e+00	0.0000e+00	3.4514e+01	2.1279e+01	1.2249e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	3.4914e+01	2.3510e+01	-4.1301e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	2.2998e+01	2.8133e+01	-4.4996e+00
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	2.0414e+01	2.1522e+01	6.3606e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	3.3793e+01	1.4259e+01	7.2906e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	3.4483e+01	2.0288e+01	2.1685e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	2.1601e+01	2.3176e+01	1.2385e+00
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	1.6508e+01	1.0778e+01	1.1134e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	3.3598e+01	2.4016e+00	1.2246e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	3.4002e+01	1.2354e+01	7.6260e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	1.8350e+01	1.3134e+01	6.5133e+00
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	1.4440e+01	-6.0759e+00	1.4196e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	3.4272e+01	-1.4122e+01	1.3983e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	3.4776e+01	-6.0079e-01	1.1211e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	1.3505e+01	-3.1535e+00	1.1424e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	1.2436e+01	-3.6983e+01	4.7516e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	4.0772e+01	-2.8154e+01	2.2658e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	3.9643e+01	-2.1221e+01	1.0105e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	8.5479e+00	-2.7928e+01	1.2591e+01
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	-5.2466e+01	4.9070e+01	1.3699e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	-2.3826e+01	-2.7321e+01	-6.6033e+00
	234	0.0000e+00	0.0000e+00	0.0000e+00	2.3884e+01	-5.0667e+01	-1.4422e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1627e+02	-1.1156e+02	-6.4486e+00
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	-3.0148e+01	4.8793e+01	-4.3607e+00
	230	0.0000e+00	0.0000e+00	0.0000e+00	-8.4807e+00	3.2113e+00	-1.2105e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-3.4937e+00	-1.3790e+01	-1.3057e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	-5.0766e+01	-5.7485e+01	-5.3127e+00
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	-1.6098e+01	4.8937e+01	-5.8947e+00
	228	0.0000e+00	0.0000e+00	0.0000e+00	2.6401e+00	1.7609e+01	-1.0721e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	5.9278e+00	8.0615e+00	-1.2049e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	-2.9126e+01	-2.0634e+01	-7.2230e+00
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	-8.2075e+00	4.4838e+01	-5.5118e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	9.7315e+00	2.6007e+01	-8.2960e+00
	228	0.0000e+00	0.0000e+00	0.0000e+00	1.1355e+01	2.0911e+01	-1.0326e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	-1.5451e+01	6.1049e+00	-7.5421e+00
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-5.1433e+00	3.6351e+01	-3.9853e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	1.3560e+01	2.8951e+01	-5.1670e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	1.3811e+01	2.7472e+01	-7.6209e+00
	227	0.0000e+00	0.0000e+00	0.0000e+00	-7.7789e+00	2.4935e+01	-6.4392e+00
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-6.4055e+00	2.3058e+01	-2.1447e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	1.4520e+01	2.6801e+01	-1.8856e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	1.3470e+01	2.8625e+01	-4.3876e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	-4.8329e+00	3.7326e+01	-4.6467e+00
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.2156e+01	4.2202e+00	-7.6650e-01
	220	0.0000e+00	0.0000e+00	0.0000e+00	1.2738e+01	1.9511e+01	1.0100e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	1.0382e+01	2.4740e+01	-1.1630e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	-6.2147e+00	4.4337e+01	-2.9395e+00
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-2.3369e+01	-2.1288e+01	-5.8125e-01
	218	0.0000e+00	0.0000e+00	0.0000e+00	8.2093e+00	6.5613e+00	3.0427e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	4.3386e+00	1.5776e+01	1.4956e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.2184e+01	4.6692e+01	-2.1284e+00
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-4.1673e+01	-5.5252e+01	-1.8287e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	1.1385e-01	-1.4297e+01	4.3970e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	-5.2253e+00	1.5340e+00	3.2268e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	-2.3768e+01	4.4809e+01	-2.9989e+00
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.0127e+02	-1.0393e+02	-9.4525e-02
	118	0.0000e+00	0.0000e+00	0.0000e+00	2.7938e+01	-4.8433e+01	6.0004e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	-1.8316e+01	-2.7350e+01	-1.7106e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	-4.2710e+01	4.3430e+01	-7.8055e+00
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	2.4763e+01	-2.5246e+00	1.0871e+00
	215	0.0000e+00	0.0000e+00	0.0000e+00	2.5103e+01	-3.8365e-01	3.7304e-01
	13	0.0000e+00	0.0000e+00	0.0000e+00	2.0728e+01	-8.9614e+00	-1.7723e-01

	206	0.0000e+00	0.0000e+00	0.0000e+00	2.7828e+01	-5.6208e+00	5.3688e-01
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	2.5420e+01	2.6397e+00	1.4565e+00
	214	0.0000e+00	0.0000e+00	0.0000e+00	2.6720e+01	2.4518e+00	9.8224e-01
	215	0.0000e+00	0.0000e+00	0.0000e+00	2.6209e+01	-8.8276e-01	8.8754e-01
	205	0.0000e+00	0.0000e+00	0.0000e+00	2.5061e+01	-8.6424e-01	1.3618e+00
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	2.5867e+01	6.1411e+00	1.2165e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	2.7189e+01	6.1855e+00	1.1729e+00
	214	0.0000e+00	0.0000e+00	0.0000e+00	2.7175e+01	3.2734e+00	1.1429e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	2.5801e+01	3.3833e+00	1.1864e+00
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	2.6195e+01	9.4206e+00	9.5798e-01
	212	0.0000e+00	0.0000e+00	0.0000e+00	2.7374e+01	9.6685e+00	9.7722e-01
	213	0.0000e+00	0.0000e+00	0.0000e+00	2.7492e+01	7.0264e+00	1.0894e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	2.6113e+01	7.0296e+00	1.0702e+00
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	2.6797e+01	1.2191e+01	6.6135e-01
	211	0.0000e+00	0.0000e+00	0.0000e+00	2.7759e+01	1.2604e+01	4.2270e-01
	212	0.0000e+00	0.0000e+00	0.0000e+00	2.7659e+01	1.0396e+01	6.7650e-01
	202	0.0000e+00	0.0000e+00	0.0000e+00	2.6460e+01	1.0255e+01	9.1515e-01
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	2.7964e+01	1.4063e+01	3.5077e-01
	210	0.0000e+00	0.0000e+00	0.0000e+00	2.8650e+01	1.4571e+01	-3.7273e-01
	211	0.0000e+00	0.0000e+00	0.0000e+00	2.8111e+01	1.3066e+01	-2.2343e-02
	201	0.0000e+00	0.0000e+00	0.0000e+00	2.7176e+01	1.2810e+01	7.0116e-01
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	2.9834e+01	1.4622e+01	7.5316e-02
	209	0.0000e+00	0.0000e+00	0.0000e+00	3.0183e+01	1.5132e+01	-1.2400e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	2.9098e+01	1.4626e+01	-8.7021e-01
	200	0.0000e+00	0.0000e+00	0.0000e+00	2.8506e+01	1.4329e+01	4.4512e-01
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	3.2425e+01	1.3499e+01	-7.3919e-02
	208	0.0000e+00	0.0000e+00	0.0000e+00	3.2222e+01	1.3860e+01	-1.9347e+00
	209	0.0000e+00	0.0000e+00	0.0000e+00	3.0693e+01	1.4667e+01	-1.6583e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	3.0540e+01	1.4425e+01	2.0249e-01
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	3.5112e+01	1.0332e+01	1.4212e-02
	207	0.0000e+00	0.0000e+00	0.0000e+00	3.4778e+01	1.0379e+01	-2.1523e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	3.2702e+01	1.2770e+01	-2.1587e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	3.3212e+01	1.2831e+01	7.7716e-03
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	4.3465e+01	6.9095e+00	2.6624e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	3.2790e+01	1.2717e+00	-1.3099e-01
	207	0.0000e+00	0.0000e+00	0.0000e+00	3.4553e+01	1.0018e+01	-1.7099e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	3.6576e+01	7.8224e+00	1.0835e+00
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	2.8329e+01	-1.7055e+00	1.0255e+00
	205	0.0000e+00	0.0000e+00	0.0000e+00	2.5888e+01	-2.4355e+00	1.4893e+00
	206	0.0000e+00	0.0000e+00	0.0000e+00	2.6504e+01	-4.5504e+00	5.9649e-01
	195	0.0000e+00	0.0000e+00	0.0000e+00	2.8564e+01	-3.3341e+00	1.3274e-01
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	2.7448e+01	2.1488e+00	1.1567e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	2.5879e+01	2.1526e+00	1.6749e+00
	205	0.0000e+00	0.0000e+00	0.0000e+00	2.6336e+01	-3.4438e-01	1.7734e+00
	194	0.0000e+00	0.0000e+00	0.0000e+00	2.7941e+01	-5.5516e-01	1.2552e+00
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	2.7026e+01	5.9068e+00	1.1303e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	2.5992e+01	5.9563e+00	1.4113e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	2.6073e+01	3.4887e+00	1.5948e+00
	193	0.0000e+00	0.0000e+00	0.0000e+00	2.7462e+01	3.1382e+00	1.3138e+00
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	2.7072e+01	9.3654e+00	1.2325e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	2.6225e+01	9.3404e+00	1.2862e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	2.6189e+01	6.9971e+00	1.3581e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	2.7207e+01	6.8155e+00	1.3044e+00
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	2.7655e+01	1.2249e+01	1.5422e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	2.6843e+01	1.2166e+01	1.1976e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	2.6494e+01	1.0160e+01	1.1689e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	2.7372e+01	1.0140e+01	1.5135e+00
2337	189	0.0000e+00	0.0000e+00	0.0000e+00	2.8956e+01	1.4193e+01	2.0339e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	2.8084e+01	1.4083e+01	1.1131e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	2.7248e+01	1.2684e+01	1.0190e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	2.8102e+01	1.2780e+01	1.9398e+00
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	3.1092e+01	1.4802e+01	2.6282e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	3.0092e+01	1.4708e+01	1.0210e+00

	200	0.0000e+00	0.0000e+00	0.0000e+00	2.8660e+01	1.4181e+01	9.0118e-01
	189	0.0000e+00	0.0000e+00	0.0000e+00	2.9575e+01	1.4348e+01	2.5083e+00
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	3.4124e+01	1.3780e+01	3.2429e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	3.2805e+01	1.3699e+01	9.4970e-01
	199	0.0000e+00	0.0000e+00	0.0000e+00	3.0831e+01	1.4272e+01	8.3181e-01
	188	0.0000e+00	0.0000e+00	0.0000e+00	3.1890e+01	1.4448e+01	3.1250e+00
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	3.7194e+01	1.1150e+01	3.9070e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	3.6749e+01	1.0897e+01	1.0691e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	3.3658e+01	1.2526e+01	7.7108e-01
	187	0.0000e+00	0.0000e+00	0.0000e+00	3.5078e+01	1.2923e+01	3.6090e+00
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	4.3937e+01	8.2623e+00	4.8458e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	3.5864e+01	7.0096e+00	2.5695e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	3.7247e+01	9.6195e+00	2.1675e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	3.8377e+01	9.2430e+00	4.4439e+00
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	3.2518e+01	-1.1076e+00	3.3805e-01
	194	0.0000e+00	0.0000e+00	0.0000e+00	2.9001e+01	-1.2285e+00	7.1563e-01
	195	0.0000e+00	0.0000e+00	0.0000e+00	2.9395e+01	-2.7961e+00	5.1833e-01
	184	0.0000e+00	0.0000e+00	0.0000e+00	3.2817e+01	-2.4869e+00	1.4075e-01
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	3.1692e+01	2.1436e+00	4.0574e-01
	193	0.0000e+00	0.0000e+00	0.0000e+00	2.8380e+01	2.2310e+00	1.1631e+00
	194	0.0000e+00	0.0000e+00	0.0000e+00	2.9068e+01	-2.3741e-01	1.2151e+00
	183	0.0000e+00	0.0000e+00	0.0000e+00	3.2393e+01	-2.6345e-01	4.5775e-01
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	3.0872e+01	6.0523e+00	6.1409e-01
	192	0.0000e+00	0.0000e+00	0.0000e+00	2.7927e+01	5.9383e+00	1.2807e+00
	193	0.0000e+00	0.0000e+00	0.0000e+00	2.8390e+01	3.4127e+00	1.3333e+00
	182	0.0000e+00	0.0000e+00	0.0000e+00	3.1633e+01	3.1840e+00	6.6667e-01
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	3.0460e+01	9.8922e+00	1.2133e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	2.7815e+01	9.4796e+00	1.5687e+00
	192	0.0000e+00	0.0000e+00	0.0000e+00	2.7970e+01	7.1002e+00	1.3968e+00
	181	0.0000e+00	0.0000e+00	0.0000e+00	3.0957e+01	7.0624e+00	1.0413e+00
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	3.0689e+01	1.3138e+01	2.2678e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	2.8258e+01	1.2462e+01	2.1204e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	2.7977e+01	1.0454e+01	1.6803e+00
	180	0.0000e+00	0.0000e+00	0.0000e+00	3.0700e+01	1.0737e+01	1.8277e+00
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	3.1728e+01	1.5315e+01	3.6838e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	2.9460e+01	1.4478e+01	2.8728e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	2.8609e+01	1.3120e+01	2.2312e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	3.1091e+01	1.3682e+01	3.0422e+00
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	3.3658e+01	1.5969e+01	5.2632e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	3.1549e+01	1.5119e+01	3.6969e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	3.0040e+01	1.4693e+01	2.9770e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	3.2293e+01	1.5412e+01	4.5432e+00
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	3.6440e+01	1.4763e+01	6.7238e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	3.4456e+01	1.4064e+01	4.4441e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	3.2357e+01	1.4793e+01	3.8073e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	3.4356e+01	1.5482e+01	6.0870e+00
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	3.9374e+01	1.1623e+01	7.6282e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	3.8252e+01	1.1424e+01	4.9008e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	3.5466e+01	1.3153e+01	4.5487e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	3.7154e+01	1.3721e+01	7.2761e+00
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	4.4687e+01	7.4227e+00	7.3135e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	3.8441e+01	7.7772e+00	5.1397e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	3.9137e+01	1.0431e+01	5.7049e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	4.0003e+01	9.5532e+00	7.8787e+00
2352	172	0.0000e+00	0.0000e+00	0.0000e+00	3.8816e+01	-1.2502e+00	-3.7054e-01
	183	0.0000e+00	0.0000e+00	0.0000e+00	3.4095e+01	-7.8519e-01	2.8174e-02
	184	0.0000e+00	0.0000e+00	0.0000e+00	3.4370e+01	-2.1437e+00	5.0171e-01
	173	0.0000e+00	0.0000e+00	0.0000e+00	3.9272e+01	-2.7110e+00	1.0300e-01
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	3.7771e+01	2.2260e+00	-7.2416e-01
	182	0.0000e+00	0.0000e+00	0.0000e+00	3.3270e+01	2.3804e+00	2.1762e-01
	183	0.0000e+00	0.0000e+00	0.0000e+00	3.4005e+01	9.4530e-02	5.3266e-01
	172	0.0000e+00	0.0000e+00	0.0000e+00	3.8765e+01	-4.3779e-01	-4.0913e-01
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	3.6513e+01	6.6515e+00	-4.4275e-01



	181	0.0000e+00	0.0000e+00	0.0000e+00	3.2332e+01	6.3035e+00	6.1968e-01
	182	0.0000e+00	0.0000e+00	0.0000e+00	3.3084e+01	3.6350e+00	5.8769e-01
	171	0.0000e+00	0.0000e+00	0.0000e+00	3.7710e+01	3.3567e+00	-4.7473e-01
2355	169	0.0000e+00	0.0000e+00	0.0000e+00	3.5543e+01	1.1153e+01	6.5663e-01
	180	0.0000e+00	0.0000e+00	0.0000e+00	3.1690e+01	1.0258e+01	1.4575e+00
	181	0.0000e+00	0.0000e+00	0.0000e+00	3.2175e+01	7.6446e+00	9.5697e-01
	170	0.0000e+00	0.0000e+00	0.0000e+00	3.6528e+01	7.8408e+00	1.5610e-01
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	3.5206e+01	1.4979e+01	2.5109e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	3.1660e+01	1.3634e+01	2.7788e+00
	180	0.0000e+00	0.0000e+00	0.0000e+00	3.1676e+01	1.1447e+01	1.8293e+00
	169	0.0000e+00	0.0000e+00	0.0000e+00	3.5682e+01	1.2172e+01	1.5614e+00
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	3.5684e+01	1.7497e+01	4.8911e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	3.2457e+01	1.5887e+01	4.4586e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	3.1867e+01	1.4485e+01	3.1954e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	3.5481e+01	1.5629e+01	3.6280e+00
2358	166	0.0000e+00	0.0000e+00	0.0000e+00	3.7023e+01	1.8131e+01	7.4490e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	3.4177e+01	1.6523e+01	6.2481e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	3.2923e+01	1.6249e+01	4.8920e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	3.6073e+01	1.7597e+01	6.0929e+00
2359	165	0.0000e+00	0.0000e+00	0.0000e+00	3.9113e+01	1.6357e+01	9.6770e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	3.6732e+01	1.5160e+01	7.7767e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	3.4904e+01	1.6270e+01	6.6556e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	3.7454e+01	1.7517e+01	8.5558e+00
2360	164	0.0000e+00	0.0000e+00	0.0000e+00	4.1596e+01	1.1804e+01	1.0823e+01
	175	0.0000e+00	0.0000e+00	0.0000e+00	3.9927e+01	1.1725e+01	8.4388e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	3.7700e+01	1.4232e+01	8.0570e+00
	165	0.0000e+00	0.0000e+00	0.0000e+00	3.9448e+01	1.4985e+01	1.0441e+01
2361	163	0.0000e+00	0.0000e+00	0.0000e+00	4.4446e+01	4.6726e+00	9.4217e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	4.1416e+01	6.4913e+00	7.5885e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	4.0951e+01	1.0193e+01	8.8695e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	4.1547e+01	9.2194e+00	1.0703e+01
2362	161	0.0000e+00	0.0000e+00	0.0000e+00	4.6100e+01	-2.3361e+00	-1.3256e+00
	172	0.0000e+00	0.0000e+00	0.0000e+00	4.1048e+01	-1.1578e+00	-7.6236e-01
	173	0.0000e+00	0.0000e+00	0.0000e+00	4.1343e+01	-2.5860e+00	4.6900e-01
	162	0.0000e+00	0.0000e+00	0.0000e+00	4.6838e+01	-4.0921e+00	-9.4281e-02
2363	160	0.0000e+00	0.0000e+00	0.0000e+00	4.4554e+01	2.0402e+00	-2.4104e+00
	171	0.0000e+00	0.0000e+00	0.0000e+00	3.9840e+01	2.3818e+00	-1.0724e+00
	172	0.0000e+00	0.0000e+00	0.0000e+00	4.0789e+01	-1.2841e-01	-3.5517e-01
	161	0.0000e+00	0.0000e+00	0.0000e+00	4.6060e+01	-1.3503e+00	-1.6932e+00
2364	159	0.0000e+00	0.0000e+00	0.0000e+00	4.2666e+01	7.6064e+00	-2.1945e+00
	170	0.0000e+00	0.0000e+00	0.0000e+00	3.8289e+01	7.0045e+00	-5.9613e-01
	171	0.0000e+00	0.0000e+00	0.0000e+00	3.9405e+01	3.9144e+00	-6.6724e-01
	160	0.0000e+00	0.0000e+00	0.0000e+00	4.4483e+01	3.4674e+00	-2.2656e+00
2365	158	0.0000e+00	0.0000e+00	0.0000e+00	4.1047e+01	1.3179e+01	-6.0028e-01
	169	0.0000e+00	0.0000e+00	0.0000e+00	3.6956e+01	1.1739e+01	7.6094e-01
	170	0.0000e+00	0.0000e+00	0.0000e+00	3.7880e+01	8.6604e+00	-1.1919e-01
	159	0.0000e+00	0.0000e+00	0.0000e+00	4.2620e+01	9.1398e+00	-1.4804e+00
2366	157	0.0000e+00	0.0000e+00	0.0000e+00	4.0060e+01	1.7797e+01	2.0691e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	3.6251e+01	1.5754e+01	2.8770e+00
	169	0.0000e+00	0.0000e+00	0.0000e+00	3.6719e+01	1.3214e+01	1.3510e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	4.1073e+01	1.4498e+01	5.4308e-01
2367	156	0.0000e+00	0.0000e+00	0.0000e+00	3.9834e+01	2.0709e+01	5.3743e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	3.6384e+01	1.8352e+01	5.4844e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	3.6257e+01	1.6825e+01	3.5687e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	4.0163e+01	1.8644e+01	3.4586e+00
2368	155	0.0000e+00	0.0000e+00	0.0000e+00	4.0355e+01	2.1212e+01	8.8102e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	3.7397e+01	1.8910e+01	8.1941e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	3.6650e+01	1.8847e+01	6.2134e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	3.9971e+01	2.0863e+01	6.8295e+00
2369	154	0.0000e+00	0.0000e+00	0.0000e+00	4.1426e+01	1.8523e+01	1.1709e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	3.9235e+01	1.6854e+01	1.0440e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	3.7915e+01	1.8654e+01	8.8453e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	4.0418e+01	2.0461e+01	1.0114e+01

2370	153	0.0000e+00	0.0000e+00	0.0000e+00	4.3295e+01	1.1841e+01	1.3160e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	4.1324e+01	1.1713e+01	1.1328e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	3.9973e+01	1.5767e+01	1.0848e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	4.1284e+01	1.6686e+01	1.2680e+01
2371	152	0.0000e+00	0.0000e+00	0.0000e+00	4.1935e+01	2.9208e-01	1.0765e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	4.5018e+01	3.5356e+00	9.5323e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	4.2332e+01	9.0863e+00	1.1244e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	4.2360e+01	8.5988e+00	1.2477e+01
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	5.2095e+01	-4.7469e+00	-2.7575e+00
	161	0.0000e+00	0.0000e+00	0.0000e+00	4.8532e+01	-2.6620e+00	-1.8841e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	4.8948e+01	-4.3805e+00	3.1925e-01
	151	0.0000e+00	0.0000e+00	0.0000e+00	5.3281e+01	-7.0990e+00	-5.5408e-01
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	4.9794e+01	1.4230e+00	-4.9059e+00
	160	0.0000e+00	0.0000e+00	0.0000e+00	4.6660e+01	1.9439e+00	-2.9210e+00
	161	0.0000e+00	0.0000e+00	0.0000e+00	4.8019e+01	-1.2639e+00	-1.7363e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	5.2076e+01	-3.3255e+00	-3.7212e+00
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	4.7194e+01	8.9237e+00	-4.7444e+00
	159	0.0000e+00	0.0000e+00	0.0000e+00	4.4273e+01	7.9619e+00	-2.4725e+00
	160	0.0000e+00	0.0000e+00	0.0000e+00	4.5893e+01	3.9970e+00	-2.6682e+00
	149	0.0000e+00	0.0000e+00	0.0000e+00	4.9743e+01	3.4619e+00	-4.9402e+00
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	4.5027e+01	1.6009e+01	-2.5414e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	4.2150e+01	1.3949e+01	-6.1217e-01
	159	0.0000e+00	0.0000e+00	0.0000e+00	4.3587e+01	1.0077e+01	-2.0009e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	4.7130e+01	1.1043e+01	-3.9302e+00
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	4.3544e+01	2.1558e+01	9.6542e-01
	157	0.0000e+00	0.0000e+00	0.0000e+00	4.0730e+01	1.8830e+01	2.2766e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	4.1703e+01	1.5748e+01	9.6829e-02
	147	0.0000e+00	0.0000e+00	0.0000e+00	4.4976e+01	1.7771e+01	-1.2143e+00
2377	145	0.0000e+00	0.0000e+00	0.0000e+00	4.2707e+01	2.4815e+01	5.0738e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	4.0133e+01	2.1811e+01	5.7241e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	4.0546e+01	2.0093e+01	3.1634e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	4.3488e+01	2.2672e+01	2.5130e+00
2378	144	0.0000e+00	0.0000e+00	0.0000e+00	4.2388e+01	2.5028e+01	9.1659e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	4.0283e+01	2.2167e+01	9.2082e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	4.0171e+01	2.2378e+01	6.6701e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	4.2577e+01	2.5051e+01	6.6279e+00
2379	143	0.0000e+00	0.0000e+00	0.0000e+00	4.2252e+01	2.1161e+01	1.2524e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	4.1171e+01	1.9083e+01	1.2045e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	4.0501e+01	2.1816e+01	1.0023e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	4.2043e+01	2.4144e+01	1.0502e+01
2380	142	0.0000e+00	0.0000e+00	0.0000e+00	4.3482e+01	1.1903e+01	1.4286e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	4.1600e+01	1.1528e+01	1.3204e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	4.1505e+01	1.7739e+01	1.2552e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	4.1592e+01	1.8785e+01	1.3634e+01
2381	141	0.0000e+00	0.0000e+00	0.0000e+00	3.5614e+01	-5.2937e+00	1.1021e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	4.9057e+01	-6.8185e-01	1.0623e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	4.2470e+01	7.2475e+00	1.2361e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	4.1470e+01	8.0696e+00	1.2760e+01
2382	139	0.0000e+00	0.0000e+00	0.0000e+00	5.2974e+01	-9.0787e+00	-4.9591e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	5.4005e+01	-5.8326e+00	-3.5739e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	5.4629e+01	-8.1674e+00	-2.7826e-02
	140	0.0000e+00	0.0000e+00	0.0000e+00	5.4893e+01	-1.2652e+01	-1.4130e+00
2383	138	0.0000e+00	0.0000e+00	0.0000e+00	4.9795e+01	4.4567e-01	-8.3821e+00
	149	0.0000e+00	0.0000e+00	0.0000e+00	5.1121e+01	9.1252e-01	-5.5153e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	5.3050e+01	-3.7181e+00	-3.9665e+00
	139	0.0000e+00	0.0000e+00	0.0000e+00	5.3127e+01	-6.6278e+00	-6.8332e+00
2384	137	0.0000e+00	0.0000e+00	0.0000e+00	4.6869e+01	1.0814e+01	-7.8505e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	4.7784e+01	9.2688e+00	-5.0066e+00
	149	0.0000e+00	0.0000e+00	0.0000e+00	4.9943e+01	3.7663e+00	-5.6702e+00
	138	0.0000e+00	0.0000e+00	0.0000e+00	4.9929e+01	3.6677e+00	-8.5141e+00
2385	136	0.0000e+00	0.0000e+00	0.0000e+00	4.4760e+01	1.9722e+01	-4.7418e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	4.5050e+01	1.6973e+01	-2.5470e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	4.6894e+01	1.1911e+01	-4.7077e+00

	137	0.0000e+00	0.0000e+00	0.0000e+00	4.6942e+01	1.3873e+01	-6.9025e+00
2386	135	0.0000e+00	0.0000e+00	0.0000e+00	4.3321e+01	2.6145e+01	-4.2623e-01
	146	0.0000e+00	0.0000e+00	0.0000e+00	4.3198e+01	2.2814e+01	1.0808e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	4.4526e+01	1.9030e+01	-1.8356e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	4.4758e+01	2.2056e+01	-3.3427e+00
2387	134	0.0000e+00	0.0000e+00	0.0000e+00	4.2255e+01	2.9547e+01	4.2153e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	4.2089e+01	2.6082e+01	5.1874e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	4.2933e+01	2.4157e+01	2.0481e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	4.3194e+01	2.7536e+01	1.0759e+00
2388	133	0.0000e+00	0.0000e+00	0.0000e+00	4.1313e+01	2.9248e+01	8.5676e+00
	144	0.0000e+00	0.0000e+00	0.0000e+00	4.1450e+01	2.6054e+01	9.1661e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	4.1951e+01	2.6605e+01	6.2222e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	4.1909e+01	2.9829e+01	5.6237e+00
2389	132	0.0000e+00	0.0000e+00	0.0000e+00	3.9990e+01	2.4030e+01	1.1991e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	4.1334e+01	2.1707e+01	1.2324e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	4.1347e+01	2.5499e+01	1.0015e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	4.0587e+01	2.8209e+01	9.6825e+00
2390	131	0.0000e+00	0.0000e+00	0.0000e+00	4.0746e+01	1.2128e+01	1.3919e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	3.9581e+01	1.1318e+01	1.3728e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	4.1121e+01	2.0059e+01	1.2883e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	3.8854e+01	2.1090e+01	1.3074e+01
2391	130	0.0000e+00	0.0000e+00	0.0000e+00	2.3746e+01	-1.1361e+01	9.9940e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	5.2908e+01	-5.5792e+00	1.0600e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	4.0199e+01	4.8891e+00	1.1800e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	3.7566e+01	8.0551e+00	1.1194e+01
2392	128	0.0000e+00	0.0000e+00	0.0000e+00	4.2445e+01	-1.5869e+01	-8.3218e+00
	139	0.0000e+00	0.0000e+00	0.0000e+00	5.3317e+01	-1.1455e+01	-6.0788e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	5.4317e+01	-1.5127e+01	-6.6390e-01
	129	0.0000e+00	0.0000e+00	0.0000e+00	4.5560e+01	-2.2518e+01	-2.9069e+00
2393	127	0.0000e+00	0.0000e+00	0.0000e+00	3.9103e+01	3.2876e-01	-1.2400e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	4.8922e+01	-4.3649e-01	-8.6747e+00
	139	0.0000e+00	0.0000e+00	0.0000e+00	5.1528e+01	-7.8407e+00	-7.4977e+00
	128	0.0000e+00	0.0000e+00	0.0000e+00	4.3333e+01	-1.1172e+01	-1.1223e+01
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	3.7641e+01	1.4089e+01	-1.0238e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	4.5051e+01	1.1374e+01	-7.6983e+00
	138	0.0000e+00	0.0000e+00	0.0000e+00	4.7558e+01	3.4391e+00	-9.5618e+00
	127	0.0000e+00	0.0000e+00	0.0000e+00	3.9795e+01	4.7867e+00	-1.2102e+01
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	3.6999e+01	2.4532e+01	-6.1022e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	4.2626e+01	2.0951e+01	-4.4899e+00
	137	0.0000e+00	0.0000e+00	0.0000e+00	4.4418e+01	1.4382e+01	-7.6654e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	3.8165e+01	1.7723e+01	-9.2777e+00
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	3.6521e+01	3.1378e+01	-1.3633e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	4.1124e+01	2.7536e+01	-2.6265e-01
	136	0.0000e+00	0.0000e+00	0.0000e+00	4.2388e+01	2.3044e+01	-3.8555e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	3.7276e+01	2.7034e+01	-4.9561e+00
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	3.5783e+01	3.4466e+01	3.2546e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	4.0040e+01	3.0800e+01	4.1581e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	4.1004e+01	2.8771e+01	6.4372e-01
	124	0.0000e+00	0.0000e+00	0.0000e+00	3.6477e+01	3.2766e+01	-2.5979e-01
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	3.4557e+01	3.3289e+01	7.2713e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	3.8945e+01	3.0141e+01	8.1798e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	3.9841e+01	3.1123e+01	5.0866e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	3.5328e+01	3.4718e+01	4.1780e+00
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	3.2286e+01	2.6553e+01	1.0244e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	3.8029e+01	2.4411e+01	1.1216e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	3.8541e+01	2.9251e+01	8.8387e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	3.3559e+01	3.2293e+01	7.8661e+00
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	3.3134e+01	1.2265e+01	1.2037e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	3.3782e+01	1.1202e+01	1.2644e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	3.7188e+01	2.2410e+01	1.1695e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	3.0841e+01	2.3416e+01	1.1088e+01
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	4.5886e+00	-1.6784e+01	7.7415e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	5.5425e+01	-1.0245e+01	9.3550e+00

	131	0.0000e+00	0.0000e+00	0.0000e+00	3.4006e+01	2.3093e+00	9.2479e+00
	120	0.0000e+00	0.0000e+00	0.0000e+00	2.8968e+01	9.0815e+00	7.6345e+00
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	8.3752e+00	-2.8913e+01	-1.2902e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	3.9762e+01	-2.0332e+01	-1.0172e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	4.0576e+01	-2.7769e+01	-1.8204e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	1.2570e+01	-3.7395e+01	-4.5499e+00
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	1.1937e+01	-2.9510e+00	-1.3055e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	3.4147e+01	1.6577e-01	-1.1866e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	3.4941e+01	-1.3674e+01	-1.3661e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	1.3323e+01	-6.6460e+00	-1.4849e+01
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	1.5886e+01	1.5019e+01	-9.1096e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	3.2361e+01	1.5140e+01	-9.5681e+00
	127	0.0000e+00	0.0000e+00	0.0000e+00	3.2892e+01	3.7671e+00	-1.3250e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	1.4514e+01	1.1914e+01	-1.2791e+01
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	1.8668e+01	2.7417e+01	-5.1330e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	3.2115e+01	2.5843e+01	-5.6177e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	3.2125e+01	1.7647e+01	-9.6338e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	1.7769e+01	2.4828e+01	-9.1491e+00
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	2.0049e+01	3.5329e+01	-1.0814e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	3.1938e+01	3.2562e+01	-1.1346e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	3.2137e+01	2.7520e+01	-5.1144e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	1.9752e+01	3.3429e+01	-5.0611e+00
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	2.0005e+01	3.8879e+01	2.6434e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	3.1340e+01	3.5355e+01	3.1608e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	3.1974e+01	3.3480e+01	-4.9757e-01
	108	0.0000e+00	0.0000e+00	0.0000e+00	2.0320e+01	3.7931e+01	-1.0150e+00
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	1.8654e+01	3.7738e+01	5.6620e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	3.0018e+01	3.3761e+01	6.7836e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	3.1258e+01	3.5409e+01	3.6873e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	1.9472e+01	3.8182e+01	2.5657e+00
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	1.5675e+01	3.0853e+01	7.7661e+00
	121	0.0000e+00	0.0000e+00	0.0000e+00	2.8378e+01	2.6616e+01	9.3872e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	2.9709e+01	3.2627e+01	6.9288e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	1.7319e+01	3.3750e+01	5.3078e+00
2410	100	0.0000e+00	0.0000e+00	0.0000e+00	1.6766e+01	1.5584e+01	9.1477e+00
	120	0.0000e+00	0.0000e+00	0.0000e+00	2.1761e+01	1.0949e+01	1.0678e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	2.7600e+01	2.4419e+01	9.5217e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	1.3735e+01	2.2305e+01	7.9912e+00
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	-2.3027e+01	-1.9175e+01	5.4214e+00
	119	0.0000e+00	0.0000e+00	0.0000e+00	5.4296e+01	-1.3226e+01	7.0080e+00
	120	0.0000e+00	0.0000e+00	0.0000e+00	2.2391e+01	-4.3894e-01	5.1385e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	1.1789e+01	9.5857e+00	3.5519e+00
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	-4.6736e+01	4.7120e+01	5.6128e+00
	116	0.0000e+00	0.0000e+00	0.0000e+00	-1.8796e+01	-2.9026e+01	1.1193e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	2.7695e+01	-4.8064e+01	-6.0414e+00
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.0147e+02	-1.0860e+02	-1.5479e+00
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	-2.8646e+01	4.9581e+01	1.0333e+00
	114	0.0000e+00	0.0000e+00	0.0000e+00	-8.1912e+00	2.2066e+00	-4.1913e+00
	116	0.0000e+00	0.0000e+00	0.0000e+00	-2.0863e+00	-1.5613e+01	-5.2633e+00
	117	0.0000e+00	0.0000e+00	0.0000e+00	-4.4337e+01	-6.0650e+01	-3.8826e-02
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.7513e+01	5.3779e+01	-2.3881e-01
	112	0.0000e+00	0.0000e+00	0.0000e+00	4.4500e-01	1.7952e+01	-3.2165e+00
	114	0.0000e+00	0.0000e+00	0.0000e+00	5.1880e+00	6.9662e+00	-4.2624e+00
	115	0.0000e+00	0.0000e+00	0.0000e+00	-2.7719e+01	-2.6580e+01	-1.2847e+00
2415	111	0.0000e+00	0.0000e+00	0.0000e+00	-1.1294e+01	5.4255e+01	-2.7495e-01
	110	0.0000e+00	0.0000e+00	0.0000e+00	6.0713e+00	2.9178e+01	-1.6081e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	9.5572e+00	2.2025e+01	-3.0582e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.7226e+01	1.0953e-01	-1.7251e+00
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	-8.9306e+00	5.0670e+01	4.0765e-01
	108	0.0000e+00	0.0000e+00	0.0000e+00	9.3539e+00	3.6055e+01	2.5982e-01
	110	0.0000e+00	0.0000e+00	0.0000e+00	1.1617e+01	3.2018e+01	-1.3592e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	-1.1465e+01	2.0932e+01	-1.2114e+00
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	-9.6454e+00	4.2507e+01	1.2313e+00

	106	0.0000e+00	0.0000e+00	0.0000e+00	1.0738e+01	3.8567e+01	1.8758e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	1.1604e+01	3.7423e+01	3.9238e-01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-9.3290e+00	3.6717e+01	-2.5218e-01
2418	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.2749e+01	2.9098e+01	1.7683e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	1.0592e+01	3.6370e+01	2.8002e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	9.7774e+00	3.8223e+01	1.7047e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.0041e+01	4.7883e+01	6.7275e-01
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	-1.7551e+01	9.7838e+00	1.9519e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	9.4876e+00	2.8606e+01	2.8221e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	6.3731e+00	3.3985e+01	2.1156e+00
	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.2840e+01	5.4348e+01	1.2454e+00
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	-2.1650e+01	-1.5766e+01	3.1263e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	5.6534e+00	1.2011e+01	3.5343e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	1.4523e+00	2.3968e+01	2.0619e+00
	103	0.0000e+00	0.0000e+00	0.0000e+00	-1.6700e+01	5.4955e+01	1.6539e+00
2421	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.7629e+01	-4.8306e+01	1.0172e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	4.7839e+01	-1.2300e+01	2.9840e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	-2.8272e+00	-2.7916e+00	-5.5035e+00
	101	0.0000e+00	0.0000e+00	0.0000e+00	-2.0151e+01	5.1717e+01	1.6841e+00

SFORZI "Q2" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	-8.9302e+00	1.6716e+00	4.2019e+00
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-3.2598e+00	-1.9944e+00	2.1208e+00
	84	0.0000e+00	0.0000e+00	0.0000e+00	-1.5344e-01	-4.2026e+00	-1.9000e-01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-1.6083e+01	-3.1149e+00	1.8911e+00
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	-8.1647e+00	8.3372e-01	2.6875e+00
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-1.7030e+00	-1.4929e-01	2.2641e+00
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-1.9178e+00	-6.1049e-01	2.0444e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-8.7731e+00	-1.1416e+00	2.4678e+00
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	-8.0061e+00	7.9909e-01	2.0001e+00
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-1.4242e+00	9.2939e-02	1.9681e+00
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-1.3297e+00	5.8962e-02	1.8798e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-8.1627e+00	-4.6544e-01	1.9117e+00
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	-7.9898e+00	9.3522e-01	1.4675e+00
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-1.3706e+00	3.0927e-01	1.4944e+00
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-1.2629e+00	2.9886e-01	1.3900e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-8.0453e+00	-1.1243e-01	1.3632e+00
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	-7.9715e+00	1.1590e+00	9.8935e-01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-1.3651e+00	5.2802e-01	1.0204e+00
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-1.2405e+00	5.0045e-01	8.9455e-01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-8.0358e+00	1.2839e-01	8.6349e-01
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	-7.9592e+00	1.4460e+00	5.1607e-01
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-1.3833e+00	7.7738e-01	5.6105e-01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-1.2317e+00	7.3106e-01	4.2681e-01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-8.0233e+00	3.3855e-01	3.8183e-01
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	-8.0604e+00	1.7553e+00	2.8544e-02
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-1.5404e+00	9.9522e-01	1.8044e-01
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-1.2732e+00	1.0159e+00	1.9572e-02
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-8.0322e+00	5.8673e-01	-1.3232e-01
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-9.7836e+00	1.8680e+00	-2.7656e-01
	83	0.0000e+00	0.0000e+00	0.0000e+00	-1.3203e+00	6.3777e-01	3.7027e-01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-1.6380e+00	1.0303e+00	-2.4194e-01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-8.2083e+00	1.0595e+00	-8.8877e-01
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	-8.2083e+00	1.0595e+00	8.8874e-01
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-1.6380e+00	1.0303e+00	2.4191e-01
	83	0.0000e+00	0.0000e+00	0.0000e+00	-1.3203e+00	6.3777e-01	-3.7029e-01
	28	0.0000e+00	0.0000e+00	0.0000e+00	-9.7836e+00	1.8679e+00	2.7654e-01
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	-8.0322e+00	5.8673e-01	1.3230e-01
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-1.2732e+00	1.0159e+00	-1.9596e-02
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-1.5404e+00	9.9521e-01	-1.8046e-01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	-8.0604e+00	1.7553e+00	-2.8570e-02

684 1652 0.0000e+00 0.0000e+00 0.0000e+00 -8.0233e+00 3.3854e-01 -3.8185e-01  
1884 0.0000e+00 0.0000e+00 0.0000e+00 -1.2317e+00 7.3105e-01 -4.2683e-01  
1885 0.0000e+00 0.0000e+00 0.0000e+00 -1.3833e+00 7.7737e-01 -5.6107e-01  
1653 0.0000e+00 0.0000e+00 0.0000e+00 -7.9592e+00 1.4460e+00 -5.1609e-01

685 1651 0.0000e+00 0.0000e+00 0.0000e+00 -8.0358e+00 1.2838e-01 -8.6351e-01  
1883 0.0000e+00 0.0000e+00 0.0000e+00 -1.2405e+00 5.0044e-01 -8.9456e-01  
1884 0.0000e+00 0.0000e+00 0.0000e+00 -1.3651e+00 5.2801e-01 -1.0204e+00  
1652 0.0000e+00 0.0000e+00 0.0000e+00 -7.9715e+00 1.1590e+00 -9.8937e-01

686 1650 0.0000e+00 0.0000e+00 0.0000e+00 -8.0454e+00 -1.1245e-01 -1.3632e+00  
1882 0.0000e+00 0.0000e+00 0.0000e+00 -1.2629e+00 2.9884e-01 -1.3900e+00  
1883 0.0000e+00 0.0000e+00 0.0000e+00 -1.3706e+00 3.0925e-01 -1.4944e+00  
1651 0.0000e+00 0.0000e+00 0.0000e+00 -7.9898e+00 9.3523e-01 -1.4676e+00

687 1649 0.0000e+00 0.0000e+00 0.0000e+00 -8.1627e+00 -4.6548e-01 -1.9117e+00  
1881 0.0000e+00 0.0000e+00 0.0000e+00 -1.3297e+00 5.8935e-02 -1.8798e+00  
1882 0.0000e+00 0.0000e+00 0.0000e+00 -1.4242e+00 9.2915e-02 -1.9681e+00  
1650 0.0000e+00 0.0000e+00 0.0000e+00 -8.0061e+00 7.9909e-01 -2.0001e+00

688 1648 0.0000e+00 0.0000e+00 0.0000e+00 -8.7731e+00 -1.1416e+00 -2.4678e+00  
1880 0.0000e+00 0.0000e+00 0.0000e+00 -1.9178e+00 -6.1053e-01 -2.0444e+00  
1881 0.0000e+00 0.0000e+00 0.0000e+00 -1.7030e+00 -1.4933e-01 -2.2641e+00  
1649 0.0000e+00 0.0000e+00 0.0000e+00 -8.1647e+00 8.3372e-01 -2.6875e+00

689 27 0.0000e+00 0.0000e+00 0.0000e+00 -1.6083e+01 -3.1150e+00 -1.8910e+00  
82 0.0000e+00 0.0000e+00 0.0000e+00 -1.5344e-01 -4.2026e+00 1.9001e-01  
1880 0.0000e+00 0.0000e+00 0.0000e+00 -3.2598e+00 -1.9944e+00 -2.1208e+00  
1648 0.0000e+00 0.0000e+00 0.0000e+00 -8.9302e+00 1.6716e+00 -4.2018e+00

690 1879 0.0000e+00 0.0000e+00 0.0000e+00 -2.5180e+00 -1.2606e+00 -3.2501e+00  
882 0.0000e+00 0.0000e+00 0.0000e+00 -6.6638e+00 1.2660e+00 -3.7825e+00  
7 0.0000e+00 0.0000e+00 0.0000e+00 -1.3689e+01 -2.0392e+00 -9.7619e-01  
73 0.0000e+00 0.0000e+00 0.0000e+00 3.4719e+00 -5.2857e+00 -4.4374e-01

691 1878 0.0000e+00 0.0000e+00 0.0000e+00 -1.3011e+00 7.3035e-01 -2.0704e+00  
880 0.0000e+00 0.0000e+00 0.0000e+00 -7.3449e+00 8.4234e-01 -2.0096e+00  
882 0.0000e+00 0.0000e+00 0.0000e+00 -7.0358e+00 -3.9140e-01 -2.2504e+00  
1879 0.0000e+00 0.0000e+00 0.0000e+00 -1.4920e+00 2.1582e-01 -2.3111e+00

692 1877 0.0000e+00 0.0000e+00 0.0000e+00 -1.2303e+00 6.9714e-01 -1.1828e+00  
878 0.0000e+00 0.0000e+00 0.0000e+00 -7.5926e+00 7.7338e-01 -1.0674e+00  
880 0.0000e+00 0.0000e+00 0.0000e+00 -7.4458e+00 1.3893e-01 -1.3219e+00  
1878 0.0000e+00 0.0000e+00 0.0000e+00 -1.1527e+00 7.3858e-01 -1.4373e+00

693 1876 0.0000e+00 0.0000e+00 0.0000e+00 -1.2321e+00 7.3564e-01 -2.6801e-01  
876 0.0000e+00 0.0000e+00 0.0000e+00 -7.6868e+00 6.4315e-01 -2.3056e-01  
878 0.0000e+00 0.0000e+00 0.0000e+00 -7.6337e+00 4.4932e-01 -4.2426e-01  
1877 0.0000e+00 0.0000e+00 0.0000e+00 -1.2124e+00 7.5530e-01 -4.6171e-01

694 1875 0.0000e+00 0.0000e+00 0.0000e+00 -1.2118e+00 7.5901e-01 6.4087e-01  
874 0.0000e+00 0.0000e+00 0.0000e+00 -7.6304e+00 4.3957e-01 6.0151e-01  
876 0.0000e+00 0.0000e+00 0.0000e+00 -7.6865e+00 6.5010e-01 4.0534e-01  
1876 0.0000e+00 0.0000e+00 0.0000e+00 -1.2322e+00 7.3421e-01 4.4470e-01

695 1874 0.0000e+00 0.0000e+00 0.0000e+00 -1.1523e+00 7.4302e-01 1.6243e+00  
872 0.0000e+00 0.0000e+00 0.0000e+00 -7.4414e+00 1.2316e-01 1.5082e+00  
874 0.0000e+00 0.0000e+00 0.0000e+00 -7.5889e+00 7.7964e-01 1.2468e+00  
1875 0.0000e+00 0.0000e+00 0.0000e+00 -1.2306e+00 6.9752e-01 1.3629e+00

696 1873 0.0000e+00 0.0000e+00 0.0000e+00 -1.4894e+00 2.1683e-01 2.5085e+00  
870 0.0000e+00 0.0000e+00 0.0000e+00 -7.0435e+00 -4.1855e-01 2.4510e+00  
872 0.0000e+00 0.0000e+00 0.0000e+00 -7.3405e+00 8.5010e-01 2.2015e+00  
1874 0.0000e+00 0.0000e+00 0.0000e+00 -1.3042e+00 7.2817e-01 2.2590e+00

697 72 0.0000e+00 0.0000e+00 0.0000e+00 3.3563e+00 -5.3028e+00 6.3930e-01  
6 0.0000e+00 0.0000e+00 0.0000e+00 -1.3663e+01 -2.0823e+00 1.2047e+00  
870 0.0000e+00 0.0000e+00 0.0000e+00 -6.6762e+00 1.2704e+00 3.9918e+00  
1873 0.0000e+00 0.0000e+00 0.0000e+00 -2.5313e+00 -1.2424e+00 3.4264e+00

698 1872 0.0000e+00 0.0000e+00 0.0000e+00 -2.5312e+00 -1.2424e+00 -3.4260e+00  
796 0.0000e+00 0.0000e+00 0.0000e+00 -6.6763e+00 1.2705e+00 -3.9914e+00  
6 0.0000e+00 0.0000e+00 0.0000e+00 -1.3663e+01 -2.0822e+00 -1.2044e+00  
72 0.0000e+00 0.0000e+00 0.0000e+00 3.3564e+00 -5.3025e+00 -6.3904e-01

699 1871 0.0000e+00 0.0000e+00 0.0000e+00 -1.3042e+00 7.2817e-01 -2.2586e+00  
794 0.0000e+00 0.0000e+00 0.0000e+00 -7.3406e+00 8.5006e-01 -2.2011e+00  
796 0.0000e+00 0.0000e+00 0.0000e+00 -7.0435e+00 -4.1849e-01 -2.4507e+00

	1872	0.0000e+00	0.0000e+00	0.0000e+00	-1.4894e+00	2.1684e-01	-2.5082e+00
700	1870	0.0000e+00	0.0000e+00	0.0000e+00	-1.2306e+00	6.9748e-01	-1.3626e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	-7.5890e+00	7.7951e-01	-1.2465e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	-7.4415e+00	1.2324e-01	-1.5078e+00
	1871	0.0000e+00	0.0000e+00	0.0000e+00	-1.1523e+00	7.4299e-01	-1.6240e+00
701	1869	0.0000e+00	0.0000e+00	0.0000e+00	-1.2322e+00	7.3410e-01	-4.4434e-01
	790	0.0000e+00	0.0000e+00	0.0000e+00	-7.6866e+00	6.4983e-01	-4.0499e-01
	792	0.0000e+00	0.0000e+00	0.0000e+00	-7.6305e+00	4.3966e-01	-6.0115e-01
	1870	0.0000e+00	0.0000e+00	0.0000e+00	-1.2118e+00	7.5892e-01	-6.4050e-01
702	1868	0.0000e+00	0.0000e+00	0.0000e+00	-1.2124e+00	7.5508e-01	4.6205e-01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-7.6338e+00	4.4884e-01	4.2459e-01
	790	0.0000e+00	0.0000e+00	0.0000e+00	-7.6869e+00	6.4324e-01	2.3090e-01
	1869	0.0000e+00	0.0000e+00	0.0000e+00	-1.2322e+00	7.3544e-01	2.6836e-01
703	1867	0.0000e+00	0.0000e+00	0.0000e+00	-1.1527e+00	7.3818e-01	1.4376e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-7.4460e+00	1.3816e-01	1.3222e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-7.5928e+00	7.7344e-01	1.0678e+00
	1868	0.0000e+00	0.0000e+00	0.0000e+00	-1.2304e+00	6.9678e-01	1.1832e+00
704	1866	0.0000e+00	0.0000e+00	0.0000e+00	-1.4920e+00	2.1515e-01	2.3114e+00
	784	0.0000e+00	0.0000e+00	0.0000e+00	-7.0360e+00	-3.9256e-01	2.2506e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-7.3451e+00	8.4231e-01	2.0099e+00
	1867	0.0000e+00	0.0000e+00	0.0000e+00	-1.3012e+00	7.2977e-01	2.0707e+00
705	71	0.0000e+00	0.0000e+00	0.0000e+00	3.4723e+00	-5.2871e+00	4.4388e-01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-1.3689e+01	-2.0409e+00	9.7616e-01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-6.6639e+00	1.2658e+00	3.7827e+00
	1866	0.0000e+00	0.0000e+00	0.0000e+00	-2.5182e+00	-1.2616e+00	3.2504e+00
706	1865	0.0000e+00	0.0000e+00	0.0000e+00	-2.6679e+00	-1.2849e+00	-3.0092e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-6.7807e+00	1.7397e+00	-3.6372e+00
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.3982e+01	-1.6762e+00	-1.0926e+00
	75	0.0000e+00	0.0000e+00	0.0000e+00	3.4173e+00	-4.3769e+00	-4.6458e-01
707	1864	0.0000e+00	0.0000e+00	0.0000e+00	-1.3333e+00	1.2006e+00	-1.8297e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-7.2676e+00	9.8329e-01	-1.9196e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-6.9305e+00	6.6233e-02	-2.1833e+00
	1865	0.0000e+00	0.0000e+00	0.0000e+00	-1.8302e+00	4.4236e-01	-2.0934e+00
708	1863	0.0000e+00	0.0000e+00	0.0000e+00	-1.1670e+00	1.0726e+00	-9.8571e-01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-7.4201e+00	7.8010e-01	-9.3262e-01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-7.3371e+00	5.5024e-01	-1.3020e+00
	1864	0.0000e+00	0.0000e+00	0.0000e+00	-1.1557e+00	1.0887e+00	-1.3551e+00
709	1862	0.0000e+00	0.0000e+00	0.0000e+00	-1.1453e+00	1.0341e+00	1.1778e-02
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-7.4299e+00	5.0657e-01	-5.3810e-03
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-7.4271e+00	7.9145e-01	-3.5651e-01
	1863	0.0000e+00	0.0000e+00	0.0000e+00	-1.1786e+00	1.0540e+00	-3.3935e-01
710	1861	0.0000e+00	0.0000e+00	0.0000e+00	-1.1139e+00	9.4537e-01	1.0304e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-7.3143e+00	1.4534e-01	9.4031e-01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-7.3964e+00	9.3284e-01	5.6938e-01
	1862	0.0000e+00	0.0000e+00	0.0000e+00	-1.1920e+00	9.6741e-01	6.5946e-01
711	1860	0.0000e+00	0.0000e+00	0.0000e+00	-1.7880e+00	1.7989e-01	1.7776e+00
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-6.8529e+00	-4.3891e-01	1.8224e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-7.2163e+00	9.9276e-01	1.5526e+00
	1861	0.0000e+00	0.0000e+00	0.0000e+00	-1.3450e+00	9.8097e-01	1.5079e+00
712	74	0.0000e+00	0.0000e+00	0.0000e+00	3.7119e+00	-4.7264e+00	1.9086e-01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.3972e+01	-2.2605e+00	7.1923e-01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-6.6698e+00	1.6142e+00	3.2736e+00
	1860	0.0000e+00	0.0000e+00	0.0000e+00	-2.6508e+00	-1.6673e+00	2.7452e+00
713	1599	0.0000e+00	0.0000e+00	0.0000e+00	-9.0232e+00	2.4475e+00	3.3145e+00
	1859	0.0000e+00	0.0000e+00	0.0000e+00	-3.3409e+00	-1.3834e+00	1.3001e+00
	86	0.0000e+00	0.0000e+00	0.0000e+00	6.6357e-02	-2.8117e+00	-6.5816e-01
	31	0.0000e+00	0.0000e+00	0.0000e+00	-1.6012e+01	-2.2364e+00	1.3562e+00
714	1598	0.0000e+00	0.0000e+00	0.0000e+00	-8.1869e+00	1.2536e+00	1.7579e+00
	1858	0.0000e+00	0.0000e+00	0.0000e+00	-1.7564e+00	7.3518e-01	1.1931e+00
	1859	0.0000e+00	0.0000e+00	0.0000e+00	-2.2363e+00	1.7400e-01	1.1327e+00
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-8.7112e+00	-2.0845e-01	1.6975e+00
715	1597	0.0000e+00	0.0000e+00	0.0000e+00	-7.9636e+00	8.5713e-01	9.0926e-01
	1857	0.0000e+00	0.0000e+00	0.0000e+00	-1.3945e+00	8.2003e-01	7.9738e-01

	1858	0.0000e+00	0.0000e+00	0.0000e+00	-1.4309e+00	7.9099e-01	9.1982e-01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-8.1261e+00	4.7841e-01	1.0317e+00
716	1596	0.0000e+00	0.0000e+00	0.0000e+00	-7.9514e+00	5.0759e-01	1.6076e-01
	1856	0.0000e+00	0.0000e+00	0.0000e+00	-1.3267e+00	8.0321e-01	1.4616e-01
	1857	0.0000e+00	0.0000e+00	0.0000e+00	-1.3609e+00	8.2646e-01	2.8694e-01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-7.9432e+00	8.0532e-01	3.0154e-01
717	1595	0.0000e+00	0.0000e+00	0.0000e+00	-8.1247e+00	5.4156e-02	-5.6388e-01
	1855	0.0000e+00	0.0000e+00	0.0000e+00	-1.3954e+00	6.3041e-01	-4.8080e-01
	1856	0.0000e+00	0.0000e+00	0.0000e+00	-1.4259e+00	7.0572e-01	-3.6326e-01
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-7.9465e+00	1.0175e+00	-4.4634e-01
718	1594	0.0000e+00	0.0000e+00	0.0000e+00	-8.6992e+00	-7.4325e-01	-1.2170e+00
	1854	0.0000e+00	0.0000e+00	0.0000e+00	-2.2080e+00	-1.2445e-01	-6.7681e-01
	1855	0.0000e+00	0.0000e+00	0.0000e+00	-1.7858e+00	4.8854e-01	-7.4903e-01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-8.1610e+00	1.2698e+00	-1.2893e+00
719	30	0.0000e+00	0.0000e+00	0.0000e+00	-1.6055e+01	-2.8637e+00	-8.4028e-01
	85	0.0000e+00	0.0000e+00	0.0000e+00	1.1008e-01	-3.2810e+00	1.1697e+00
	1854	0.0000e+00	0.0000e+00	0.0000e+00	-3.3816e+00	-1.7707e+00	-8.3334e-01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-8.9895e+00	2.3189e+00	-2.8434e+00
720	1853	0.0000e+00	0.0000e+00	0.0000e+00	-2.6505e+00	-1.6658e+00	-2.7447e+00
	957	0.0000e+00	0.0000e+00	0.0000e+00	-6.6698e+00	1.6143e+00	-3.2730e+00
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3971e+01	-2.2577e+00	-7.1896e-01
	70	0.0000e+00	0.0000e+00	0.0000e+00	3.7119e+00	-4.7242e+00	-1.9067e-01
721	1852	0.0000e+00	0.0000e+00	0.0000e+00	-1.3448e+00	9.8178e-01	-1.5072e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	-7.2165e+00	9.9223e-01	-1.5519e+00
	957	0.0000e+00	0.0000e+00	0.0000e+00	-6.8528e+00	-4.3669e-01	-1.8218e+00
	1853	0.0000e+00	0.0000e+00	0.0000e+00	-1.7881e+00	1.8095e-01	-1.7770e+00
722	1851	0.0000e+00	0.0000e+00	0.0000e+00	-1.1919e+00	9.6752e-01	-6.5875e-01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-7.3968e+00	9.3154e-01	-5.6870e-01
	955	0.0000e+00	0.0000e+00	0.0000e+00	-7.3145e+00	1.4707e-01	-9.3963e-01
	1852	0.0000e+00	0.0000e+00	0.0000e+00	-1.1141e+00	9.4570e-01	-1.0297e+00
723	1850	0.0000e+00	0.0000e+00	0.0000e+00	-1.1786e+00	1.0533e+00	3.4001e-01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-7.4277e+00	7.8919e-01	3.5713e-01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-7.4302e+00	5.0783e-01	6.0483e-03
	1851	0.0000e+00	0.0000e+00	0.0000e+00	-1.1456e+00	1.0337e+00	-1.1067e-02
724	1849	0.0000e+00	0.0000e+00	0.0000e+00	-1.1556e+00	1.0871e+00	1.3556e+00
	949	0.0000e+00	0.0000e+00	0.0000e+00	-7.3379e+00	5.4679e-01	1.3024e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	-7.4206e+00	7.8088e-01	9.3319e-01
	1850	0.0000e+00	0.0000e+00	0.0000e+00	-1.1674e+00	1.0713e+00	9.8635e-01
725	1848	0.0000e+00	0.0000e+00	0.0000e+00	-1.8302e+00	4.3953e-01	2.0937e+00
	947	0.0000e+00	0.0000e+00	0.0000e+00	-6.9316e+00	6.1292e-02	2.1835e+00
	949	0.0000e+00	0.0000e+00	0.0000e+00	-7.2683e+00	9.8350e-01	1.9200e+00
	1849	0.0000e+00	0.0000e+00	0.0000e+00	-1.3338e+00	1.1982e+00	1.8302e+00
726	69	0.0000e+00	0.0000e+00	0.0000e+00	3.4178e+00	-4.3816e+00	4.6429e-01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3984e+01	-1.6831e+00	1.0921e+00
	947	0.0000e+00	0.0000e+00	0.0000e+00	-6.7816e+00	1.7393e+00	3.6372e+00
	1848	0.0000e+00	0.0000e+00	0.0000e+00	-2.6686e+00	-1.2888e+00	3.0094e+00
727	1557	0.0000e+00	0.0000e+00	0.0000e+00	-8.9895e+00	2.3188e+00	2.8434e+00
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-3.3815e+00	-1.7707e+00	8.3338e-01
	81	0.0000e+00	0.0000e+00	0.0000e+00	1.1002e-01	-3.2809e+00	-1.1697e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	-1.6054e+01	-2.8635e+00	8.4032e-01
728	1556	0.0000e+00	0.0000e+00	0.0000e+00	-8.1610e+00	1.2696e+00	1.2893e+00
	1846	0.0000e+00	0.0000e+00	0.0000e+00	-1.7858e+00	4.8845e-01	7.4909e-01
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-2.2080e+00	-1.2450e-01	6.7685e-01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-8.6992e+00	-7.4315e-01	1.2171e+00
729	1555	0.0000e+00	0.0000e+00	0.0000e+00	-7.9466e+00	1.0172e+00	4.4644e-01
	1845	0.0000e+00	0.0000e+00	0.0000e+00	-1.4259e+00	7.0556e-01	3.6335e-01
	1846	0.0000e+00	0.0000e+00	0.0000e+00	-1.3955e+00	6.3027e-01	4.8087e-01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	-8.1248e+00	5.4204e-02	5.6395e-01
730	1554	0.0000e+00	0.0000e+00	0.0000e+00	-7.9433e+00	8.0494e-01	-3.0140e-01
	1844	0.0000e+00	0.0000e+00	0.0000e+00	-1.3609e+00	8.2621e-01	-2.8680e-01
	1845	0.0000e+00	0.0000e+00	0.0000e+00	-1.3268e+00	8.0298e-01	-1.4606e-01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	-7.9515e+00	5.0758e-01	-1.6066e-01
731	1553	0.0000e+00	0.0000e+00	0.0000e+00	-8.1262e+00	4.7792e-01	-1.0315e+00



	1843	0.0000e+00	0.0000e+00	0.0000e+00	-1.4309e+00	7.9064e-01	-9.1963e-01
	1844	0.0000e+00	0.0000e+00	0.0000e+00	-1.3945e+00	8.1971e-01	-7.9724e-01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-7.9637e+00	8.5705e-01	-9.0910e-01
732	1552	0.0000e+00	0.0000e+00	0.0000e+00	-8.7113e+00	-2.0907e-01	-1.6972e+00
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-2.2363e+00	1.7354e-01	-1.1324e+00
	1843	0.0000e+00	0.0000e+00	0.0000e+00	-1.7565e+00	7.3477e-01	-1.1929e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-8.1870e+00	1.2535e+00	-1.7577e+00
733	25	0.0000e+00	0.0000e+00	0.0000e+00	-1.6012e+01	-2.2371e+00	-1.3559e+00
	80	0.0000e+00	0.0000e+00	0.0000e+00	6.6385e-02	-2.8123e+00	6.5847e-01
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-3.3409e+00	-1.3839e+00	-1.2999e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-9.0233e+00	2.4472e+00	-3.3142e+00
734	1515	0.0000e+00	0.0000e+00	0.0000e+00	-7.6278e+00	-1.0539e+01	1.7486e+01
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-4.4481e+00	-9.7578e+00	1.1611e+01
	88	0.0000e+00	0.0000e+00	0.0000e+00	-1.2725e+00	-1.5952e+01	6.2295e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	-2.1249e+01	-3.0626e+00	1.2105e+01
735	1514	0.0000e+00	0.0000e+00	0.0000e+00	-4.7195e+00	-1.2912e+01	1.4492e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-8.2682e-01	-7.8056e+00	1.2354e+01
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-2.8300e+00	-9.1813e+00	1.2494e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-6.5163e+00	-4.3904e+00	1.4632e+01
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	-3.8807e+00	-1.2569e+01	1.1706e+01
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-1.5878e-01	-8.7263e+00	1.1128e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-8.3324e-01	-8.8836e+00	1.2302e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-4.2350e+00	-7.6827e+00	1.2881e+01
737	1512	0.0000e+00	0.0000e+00	0.0000e+00	-4.0829e+00	-1.1163e+01	8.9290e+00
	1838	0.0000e+00	0.0000e+00	0.0000e+00	-2.3960e-01	-9.1181e+00	9.0387e+00
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-3.5100e-01	-9.2066e+00	1.0440e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-3.7764e+00	-1.0315e+01	1.0330e+01
738	1511	0.0000e+00	0.0000e+00	0.0000e+00	-4.7197e+00	-9.3041e+00	6.4085e+00
	1837	0.0000e+00	0.0000e+00	0.0000e+00	-5.2644e-01	-8.9544e+00	6.8563e+00
	1838	0.0000e+00	0.0000e+00	0.0000e+00	-2.2617e-01	-9.1017e+00	8.1929e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-4.2239e+00	-1.1759e+01	7.7451e+00
739	1510	0.0000e+00	0.0000e+00	0.0000e+00	-5.4885e+00	-7.3697e+00	4.2358e+00
	1836	0.0000e+00	0.0000e+00	0.0000e+00	-8.4635e-01	-8.3070e+00	4.8281e+00
	1837	0.0000e+00	0.0000e+00	0.0000e+00	-2.8224e-01	-8.5281e+00	5.9837e+00
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-4.9996e+00	-1.2065e+01	5.3914e+00
740	1509	0.0000e+00	0.0000e+00	0.0000e+00	-6.2527e+00	-5.5994e+00	2.4143e+00
	1835	0.0000e+00	0.0000e+00	0.0000e+00	-1.1462e+00	-7.3369e+00	3.0498e+00
	1836	0.0000e+00	0.0000e+00	0.0000e+00	-4.3459e-01	-7.6084e+00	3.9911e+00
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-5.8345e+00	-1.1464e+01	3.3555e+00
741	1508	0.0000e+00	0.0000e+00	0.0000e+00	-7.0609e+00	-4.1792e+00	9.0102e-01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	-1.4540e+00	-6.2553e+00	1.5839e+00
	1835	0.0000e+00	0.0000e+00	0.0000e+00	-6.7677e-01	-6.5170e+00	2.2987e+00
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-6.6241e+00	-1.0202e+01	1.6159e+00
742	1507	0.0000e+00	0.0000e+00	0.0000e+00	-8.1270e+00	-3.3677e+00	-2.8771e-01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-2.3942e+00	-5.6289e+00	7.6738e-01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	-1.1857e+00	-5.3908e+00	1.1248e+00
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-7.4597e+00	-8.4561e+00	6.9690e-02
743	32	0.0000e+00	0.0000e+00	0.0000e+00	-1.5575e+01	-4.1167e+00	-3.1544e-01
	87	0.0000e+00	0.0000e+00	0.0000e+00	-2.7578e-01	-7.2544e+00	2.0731e+00
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-2.8606e+00	-6.2142e+00	4.6492e-01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-8.7441e+00	-5.7334e+00	-1.9236e+00
744	1446	0.0000e+00	0.0000e+00	0.0000e+00	-8.7632e+00	1.3115e+00	4.4784e+00
	1832	0.0000e+00	0.0000e+00	0.0000e+00	-3.4648e+00	-4.1907e+00	2.8168e+00
	87	0.0000e+00	0.0000e+00	0.0000e+00	1.5829e-01	-6.6306e+00	8.7135e-01
	32	0.0000e+00	0.0000e+00	0.0000e+00	-1.5635e+01	-8.1534e+00	2.5329e+00
745	1445	0.0000e+00	0.0000e+00	0.0000e+00	-8.2729e+00	1.1692e+00	2.7519e+00
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-1.9815e+00	-1.4955e+00	2.6002e+00
	1832	0.0000e+00	0.0000e+00	0.0000e+00	-1.6479e+00	-2.0779e+00	2.6090e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-8.9033e+00	-4.7606e+00	2.7608e+00
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	-8.2587e+00	1.4439e+00	1.9150e+00
	1830	0.0000e+00	0.0000e+00	0.0000e+00	-1.6891e+00	-5.1315e-01	2.0449e+00
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-1.2134e+00	-6.5148e-01	2.1145e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-8.4804e+00	-2.7509e+00	1.9845e+00

747 1443 0.0000e+00 0.0000e+00 0.0000e+00 -8.3078e+00 1.6054e+00 1.2684e+00  
1829 0.0000e+00 0.0000e+00 0.0000e+00 -1.5852e+00 2.1506e-01 1.3801e+00  
1830 0.0000e+00 0.0000e+00 0.0000e+00 -1.2402e+00 1.3543e-01 1.3978e+00  
1444 0.0000e+00 0.0000e+00 0.0000e+00 -8.4343e+00 -1.2910e+00 1.2861e+00

748 1442 0.0000e+00 0.0000e+00 0.0000e+00 -8.3072e+00 1.6105e+00 6.8589e-01  
1828 0.0000e+00 0.0000e+00 0.0000e+00 -1.5113e+00 7.1181e-01 7.3961e-01  
1829 0.0000e+00 0.0000e+00 0.0000e+00 -1.2892e+00 6.5379e-01 7.2299e-01  
1443 0.0000e+00 0.0000e+00 0.0000e+00 -8.4243e+00 -2.1094e-01 6.6927e-01

749 1441 0.0000e+00 0.0000e+00 0.0000e+00 -8.2567e+00 1.4653e+00 1.0266e-01  
1827 0.0000e+00 0.0000e+00 0.0000e+00 -1.4429e+00 1.0169e+00 1.0392e-01  
1828 0.0000e+00 0.0000e+00 0.0000e+00 -1.3297e+00 9.7326e-01 8.6012e-02  
1442 0.0000e+00 0.0000e+00 0.0000e+00 -8.3674e+00 5.6152e-01 8.4750e-02

750 1440 0.0000e+00 0.0000e+00 0.0000e+00 -8.1834e+00 1.1738e+00 -5.2197e-01  
1826 0.0000e+00 0.0000e+00 0.0000e+00 -1.3878e+00 1.1519e+00 -5.5356e-01  
1827 0.0000e+00 0.0000e+00 0.0000e+00 -1.3629e+00 1.1236e+00 -5.4546e-01  
1441 0.0000e+00 0.0000e+00 0.0000e+00 -8.2701e+00 1.0851e+00 -5.1387e-01

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1825 0.0000e+00 0.0000e+00 0.0000e+00 -1.3839e+00 1.0931e+00 -1.2156e+00  
1826 0.0000e+00 0.0000e+00 0.0000e+00 -1.4251e+00 1.1126e+00 -1.1813e+00  
1440 0.0000e+00 0.0000e+00 0.0000e+00 -8.1655e+00 1.4311e+00 -1.1819e+00

752 1438 0.0000e+00 0.0000e+00 0.0000e+00 -8.7123e+00 -1.0780e-01 -1.9392e+00  
1824 0.0000e+00 0.0000e+00 0.0000e+00 -1.8863e+00 4.9973e-01 -1.5787e+00  
1825 0.0000e+00 0.0000e+00 0.0000e+00 -1.6914e+00 9.5440e-01 -1.6602e+00  
1439 0.0000e+00 0.0000e+00 0.0000e+00 -8.2022e+00 1.7286e+00 -2.0207e+00

753 31 0.0000e+00 0.0000e+00 0.0000e+00 -1.5803e+01 -2.1598e+00 -1.5433e+00  
86 0.0000e+00 0.0000e+00 0.0000e+00 -7.4126e-02 -3.1075e+00 4.2694e-01  
1824 0.0000e+00 0.0000e+00 0.0000e+00 -3.1943e+00 -8.3912e-01 -1.7267e+00  
1438 0.0000e+00 0.0000e+00 0.0000e+00 -8.8302e+00 2.6183e+00 -3.6969e+00

754 1823 0.0000e+00 0.0000e+00 0.0000e+00 -4.4562e+00 -1.0134e+01 -1.3652e+01  
692 0.0000e+00 0.0000e+00 0.0000e+00 -6.6114e+00 -1.0460e+01 -1.8924e+01  
11 0.0000e+00 0.0000e+00 0.0000e+00 -2.0319e+01 -4.7165e+00 -1.3076e+01  
77 0.0000e+00 0.0000e+00 0.0000e+00 -1.2108e-01 -1.8201e+01 -7.8039e+00

755 1822 0.0000e+00 0.0000e+00 0.0000e+00 -7.6961e-01 -7.6671e+00 -1.3914e+01  
690 0.0000e+00 0.0000e+00 0.0000e+00 -4.3974e+00 -1.2399e+01 -1.5749e+01  
692 0.0000e+00 0.0000e+00 0.0000e+00 -5.8433e+00 -5.3825e+00 -1.6119e+01  
1823 0.0000e+00 0.0000e+00 0.0000e+00 -2.5855e+00 -9.2803e+00 -1.4285e+01

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688 0.0000e+00 0.0000e+00 0.0000e+00 -3.7579e+00 -1.1905e+01 -1.2810e+01  
690 0.0000e+00 0.0000e+00 0.0000e+00 -4.0343e+00 -8.1835e+00 -1.4181e+01  
1822 0.0000e+00 0.0000e+00 0.0000e+00 -6.7980e-01 -8.5943e+00 -1.3733e+01

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688 0.0000e+00 0.0000e+00 0.0000e+00 -3.7045e+00 -1.0423e+01 -1.1434e+01  
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758 1819 0.0000e+00 0.0000e+00 0.0000e+00 -5.2630e-01 -8.3680e+00 -7.6600e+00  
684 0.0000e+00 0.0000e+00 0.0000e+00 -4.6209e+00 -8.6250e+00 -7.2065e+00  
686 0.0000e+00 0.0000e+00 0.0000e+00 -4.1654e+00 -1.1580e+01 -8.6784e+00  
1820 0.0000e+00 0.0000e+00 0.0000e+00 -1.7542e-01 -8.5247e+00 -9.1320e+00

759 1818 0.0000e+00 0.0000e+00 0.0000e+00 -8.1712e-01 -7.6432e+00 -5.4456e+00  
682 0.0000e+00 0.0000e+00 0.0000e+00 -5.3283e+00 -6.7285e+00 -4.8780e+00  
684 0.0000e+00 0.0000e+00 0.0000e+00 -4.9036e+00 -1.1694e+01 -6.1691e+00  
1819 0.0000e+00 0.0000e+00 0.0000e+00 -2.3276e-01 -7.8741e+00 -6.7367e+00

760 1817 0.0000e+00 0.0000e+00 0.0000e+00 -1.0682e+00 -6.6096e+00 -3.4535e+00  
680 0.0000e+00 0.0000e+00 0.0000e+00 -5.9687e+00 -4.9939e+00 -2.8834e+00  
682 0.0000e+00 0.0000e+00 0.0000e+00 -5.6612e+00 -1.0984e+01 -3.9803e+00  
1818 0.0000e+00 0.0000e+00 0.0000e+00 -3.6196e-01 -6.9003e+00 -4.5504e+00

761 1816 0.0000e+00 0.0000e+00 0.0000e+00 -1.2699e+00 -5.4473e+00 -1.6891e+00  
678 0.0000e+00 0.0000e+00 0.0000e+00 -6.5077e+00 -3.5758e+00 -1.1609e+00  
680 0.0000e+00 0.0000e+00 0.0000e+00 -6.3028e+00 -9.6955e+00 -2.0835e+00  
1817 0.0000e+00 0.0000e+00 0.0000e+00 -5.3566e-01 -5.7481e+00 -2.6118e+00

762 1815 0.0000e+00 0.0000e+00 0.0000e+00 -2.0865e+00 -4.8056e+00 -4.3105e-01  
676 0.0000e+00 0.0000e+00 0.0000e+00 -6.8309e+00 -2.6664e+00 2.6057e-01  
678 0.0000e+00 0.0000e+00 0.0000e+00 -6.8039e+00 -8.0588e+00 -3.8575e-01

1816 0.0000e+00 0.0000e+00 0.0000e+00 -8.8392e-01 -4.4653e+00 -1.0774e+00

763 76 0.0000e+00 0.0000e+00 0.0000e+00 2.1774e+00 -7.3761e+00 -1.3559e+00  
10 0.0000e+00 0.0000e+00 0.0000e+00 -1.3997e+01 -3.2196e+00 -1.5799e-02  
676 0.0000e+00 0.0000e+00 0.0000e+00 -7.1307e+00 -5.6259e+00 1.7885e+00  
1815 0.0000e+00 0.0000e+00 0.0000e+00 -2.3065e+00 -5.5291e+00 4.4839e-01

764 1814 0.0000e+00 0.0000e+00 0.0000e+00 -2.9752e+00 -3.4635e+00 -4.3524e+00  
576 0.0000e+00 0.0000e+00 0.0000e+00 -7.0714e+00 9.2845e-01 -5.0473e+00  
10 0.0000e+00 0.0000e+00 0.0000e+00 -1.3763e+01 -7.1021e+00 -2.5576e+00  
76 0.0000e+00 0.0000e+00 0.0000e+00 2.3576e+00 -7.8028e+00 -1.8627e+00

765 1813 0.0000e+00 0.0000e+00 0.0000e+00 -1.6672e+00 -8.4671e-01 -3.3435e+00  
574 0.0000e+00 0.0000e+00 0.0000e+00 -7.6239e+00 1.1639e+00 -3.1510e+00  
576 0.0000e+00 0.0000e+00 0.0000e+00 -7.5937e+00 -4.0762e+00 -3.4480e+00  
1814 0.0000e+00 0.0000e+00 0.0000e+00 -1.3209e+00 -1.4581e+00 -3.6405e+00

766 1812 0.0000e+00 0.0000e+00 0.0000e+00 -1.5362e+00 -1.0023e-01 -2.4312e+00  
572 0.0000e+00 0.0000e+00 0.0000e+00 -7.9242e+00 1.5096e+00 -2.1837e+00  
574 0.0000e+00 0.0000e+00 0.0000e+00 -7.9032e+00 -2.2991e+00 -2.4460e+00  
1813 0.0000e+00 0.0000e+00 0.0000e+00 -1.0732e+00 -1.5270e-01 -2.6935e+00

767 1811 0.0000e+00 0.0000e+00 0.0000e+00 -1.4963e+00 5.0928e-01 -1.5631e+00  
570 0.0000e+00 0.0000e+00 0.0000e+00 -8.0850e+00 1.6619e+00 -1.4142e+00  
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769 1809 0.0000e+00 0.0000e+00 0.0000e+00 -1.3786e+00 1.2100e+00 -1.5052e-02  
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564 0.0000e+00 0.0000e+00 0.0000e+00 -7.8659e+00 1.1905e+00 7.2236e-01  
566 0.0000e+00 0.0000e+00 0.0000e+00 -8.0405e+00 1.1949e+00 5.9055e-01  
1809 0.0000e+00 0.0000e+00 0.0000e+00 -1.2958e+00 1.2979e+00 6.7828e-01

771 1807 0.0000e+00 0.0000e+00 0.0000e+00 -1.1972e+00 1.3810e+00 1.7563e+00  
562 0.0000e+00 0.0000e+00 0.0000e+00 -7.5883e+00 7.6167e-01 1.5983e+00  
564 0.0000e+00 0.0000e+00 0.0000e+00 -7.8111e+00 1.4650e+00 1.3655e+00  
1808 0.0000e+00 0.0000e+00 0.0000e+00 -1.2835e+00 1.3218e+00 1.5236e+00

772 1806 0.0000e+00 0.0000e+00 0.0000e+00 -1.4893e+00 8.5264e-01 2.6397e+00  
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1807 0.0000e+00 0.0000e+00 0.0000e+00 -1.3474e+00 1.3439e+00 2.3921e+00

773 75 0.0000e+00 0.0000e+00 0.0000e+00 3.2301e+00 -4.6500e+00 7.9267e-01  
9 0.0000e+00 0.0000e+00 0.0000e+00 -1.3734e+01 -1.6199e+00 1.3875e+00  
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8 0.0000e+00 0.0000e+00 0.0000e+00 -1.3622e+01 -1.9847e+00 -1.7657e+00  
74 0.0000e+00 0.0000e+00 0.0000e+00 3.4213e+00 -5.4222e+00 -1.2059e+00

775 1804 0.0000e+00 0.0000e+00 0.0000e+00 -1.2926e+00 7.6985e-01 -2.8975e+00  
457 0.0000e+00 0.0000e+00 0.0000e+00 -7.3229e+00 9.3378e-01 -2.8076e+00  
459 0.0000e+00 0.0000e+00 0.0000e+00 -6.9875e+00 -3.8996e-01 -3.0550e+00  
1805 0.0000e+00 0.0000e+00 0.0000e+00 -1.4522e+00 2.8005e-01 -3.1449e+00

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1804 0.0000e+00 0.0000e+00 0.0000e+00 -1.1450e+00 8.0391e-01 -2.2567e+00

777 1802 0.0000e+00 0.0000e+00 0.0000e+00 -1.2660e+00 7.7361e-01 -1.1869e+00  
453 0.0000e+00 0.0000e+00 0.0000e+00 -7.8082e+00 8.9802e-01 -1.1035e+00  
455 0.0000e+00 0.0000e+00 0.0000e+00 -7.6932e+00 4.4392e-01 -1.2302e+00  
1803 0.0000e+00 0.0000e+00 0.0000e+00 -1.2179e+00 8.2741e-01 -1.3136e+00

778 1801 0.0000e+00 0.0000e+00 0.0000e+00 -1.2735e+00 7.9903e-01 -4.2951e-01  
451 0.0000e+00 0.0000e+00 0.0000e+00 -7.8757e+00 8.1402e-01 -4.0069e-01

	453	0.0000e+00	0.0000e+00	0.0000e+00	-7.8361e+00	6.6084e-01	-4.7065e-01
	1802	0.0000e+00	0.0000e+00	0.0000e+00	-1.2568e+00	8.1892e-01	-4.9946e-01
779	1800	0.0000e+00	0.0000e+00	0.0000e+00	-1.2598e+00	8.1077e-01	3.1315e-01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-7.8537e+00	6.7028e-01	2.9319e-01
	451	0.0000e+00	0.0000e+00	0.0000e+00	-7.8772e+00	8.0777e-01	2.2848e-01
	1801	0.0000e+00	0.0000e+00	0.0000e+00	-1.2753e+00	7.9964e-01	2.4844e-01
780	1799	0.0000e+00	0.0000e+00	0.0000e+00	-1.2250e+00	8.1018e-01	1.1083e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	-7.7303e+00	4.4999e-01	1.0334e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	-7.8285e+00	8.9904e-01	9.2251e-01
	1800	0.0000e+00	0.0000e+00	0.0000e+00	-1.2733e+00	7.6567e-01	9.9741e-01
781	1798	0.0000e+00	0.0000e+00	0.0000e+00	-1.1548e+00	7.7410e-01	2.0194e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	-7.4937e+00	1.2047e-01	1.8773e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	-7.6714e+00	9.4820e-01	1.6723e+00
	1799	0.0000e+00	0.0000e+00	0.0000e+00	-1.2550e+00	7.1399e-01	1.8144e+00
782	1797	0.0000e+00	0.0000e+00	0.0000e+00	-1.4596e+00	2.3552e-01	2.8674e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-7.0529e+00	-4.2763e-01	2.7774e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	-7.3777e+00	9.5571e-01	2.5631e+00
	1798	0.0000e+00	0.0000e+00	0.0000e+00	-1.3108e+00	7.3093e-01	2.6531e+00
783	73	0.0000e+00	0.0000e+00	0.0000e+00	3.4300e+00	-5.4680e+00	9.0599e-01
	70	0.0000e+00	0.0000e+00	0.0000e+00	-1.3633e+01	-2.0896e+00	1.4320e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-6.6486e+00	1.3008e+00	4.3130e+00
	1797	0.0000e+00	0.0000e+00	0.0000e+00	-2.5263e+00	-1.2139e+00	3.7871e+00
784	1371	0.0000e+00	0.0000e+00	0.0000e+00	-8.7936e+00	1.9000e+00	4.2901e+00
	1796	0.0000e+00	0.0000e+00	0.0000e+00	-3.1678e+00	-1.4408e+00	2.2737e+00
	85	0.0000e+00	0.0000e+00	0.0000e+00	-7.1534e-02	-3.6635e+00	8.7627e-02
	30	0.0000e+00	0.0000e+00	0.0000e+00	-1.5833e+01	-2.5328e+00	2.1040e+00
785	1370	0.0000e+00	0.0000e+00	0.0000e+00	-8.1134e+00	1.0014e+00	2.6376e+00
	1795	0.0000e+00	0.0000e+00	0.0000e+00	-1.6541e+00	2.9250e-01	2.2449e+00
	1796	0.0000e+00	0.0000e+00	0.0000e+00	-1.8877e+00	-1.3829e-01	2.1366e+00
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-8.6476e+00	-6.2561e-01	2.5293e+00
786	1369	0.0000e+00	0.0000e+00	0.0000e+00	-8.0204e+00	8.0042e-01	1.8293e+00
	1794	0.0000e+00	0.0000e+00	0.0000e+00	-1.3893e+00	4.2556e-01	1.8066e+00
	1795	0.0000e+00	0.0000e+00	0.0000e+00	-1.3509e+00	4.2070e-01	1.8126e+00
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-8.1032e+00	3.3601e-02	1.8353e+00
787	1368	0.0000e+00	0.0000e+00	0.0000e+00	-8.0634e+00	6.7769e-01	1.1917e+00
	1793	0.0000e+00	0.0000e+00	0.0000e+00	-1.3357e+00	4.8439e-01	1.2139e+00
	1794	0.0000e+00	0.0000e+00	0.0000e+00	-1.3177e+00	5.1293e-01	1.1911e+00
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-8.0381e+00	3.6621e-01	1.1690e+00
788	1367	0.0000e+00	0.0000e+00	0.0000e+00	-8.0992e+00	5.3859e-01	6.2466e-01
	1792	0.0000e+00	0.0000e+00	0.0000e+00	-1.3196e+00	4.7952e-01	6.3428e-01
	1793	0.0000e+00	0.0000e+00	0.0000e+00	-1.3283e+00	5.0486e-01	5.7961e-01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-8.0716e+00	5.5761e-01	5.7000e-01
789	1366	0.0000e+00	0.0000e+00	0.0000e+00	-8.1071e+00	3.4774e-01	7.9201e-02
	1791	0.0000e+00	0.0000e+00	0.0000e+00	-1.3079e+00	4.2975e-01	6.7775e-02
	1792	0.0000e+00	0.0000e+00	0.0000e+00	-1.3465e+00	4.4732e-01	1.3147e-03
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-8.0908e+00	6.6527e-01	1.2741e-02
790	1365	0.0000e+00	0.0000e+00	0.0000e+00	-8.1007e+00	7.7287e-02	-4.7712e-01
	1790	0.0000e+00	0.0000e+00	0.0000e+00	-1.3045e+00	3.3096e-01	-5.0061e-01
	1791	0.0000e+00	0.0000e+00	0.0000e+00	-1.3688e+00	3.4560e-01	-5.5898e-01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-8.0823e+00	7.1865e-01	-5.3548e-01
791	1364	0.0000e+00	0.0000e+00	0.0000e+00	-8.1953e+00	-3.2931e-01	-1.0694e+00
	1789	0.0000e+00	0.0000e+00	0.0000e+00	-1.3471e+00	1.3285e-01	-1.0458e+00
	1790	0.0000e+00	0.0000e+00	0.0000e+00	-1.4291e+00	1.8196e-01	-1.1002e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-8.0672e+00	7.5532e-01	-1.1238e+00
792	1363	0.0000e+00	0.0000e+00	0.0000e+00	-8.7858e+00	-1.0605e+00	-1.6562e+00
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-1.9000e+00	-5.3445e-01	-1.2529e+00
	1789	0.0000e+00	0.0000e+00	0.0000e+00	-1.7054e+00	-5.4738e-02	-1.4506e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-8.1918e+00	8.7554e-01	-1.8539e+00
793	29	0.0000e+00	0.0000e+00	0.0000e+00	-1.6065e+01	-3.0653e+00	-1.0795e+00
	84	0.0000e+00	0.0000e+00	0.0000e+00	-1.6705e-01	-4.2103e+00	9.9275e-01
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-3.2558e+00	-1.8875e+00	-1.3299e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-8.9244e+00	1.7183e+00	-3.4021e+00
794	1296	0.0000e+00	0.0000e+00	0.0000e+00	-8.9244e+00	1.7183e+00	3.4021e+00

1787 0.0000e+00 0.0000e+00 0.0000e+00 -3.2558e+00 -1.8876e+00 1.3299e+00  
82 0.0000e+00 0.0000e+00 0.0000e+00 -1.6704e-01 -4.2104e+00 -9.9273e-01  
27 0.0000e+00 0.0000e+00 0.0000e+00 -1.6065e+01 -3.0654e+00 1.0795e+00

795 1295 0.0000e+00 0.0000e+00 0.0000e+00 -8.1919e+00 8.7555e-01 1.8539e+00  
1786 0.0000e+00 0.0000e+00 0.0000e+00 -1.7054e+00 -5.4803e-02 1.4506e+00  
1787 0.0000e+00 0.0000e+00 0.0000e+00 -1.9000e+00 -5.3452e-01 1.2529e+00  
1296 0.0000e+00 0.0000e+00 0.0000e+00 -8.7859e+00 -1.0606e+00 1.6562e+00

796 1294 0.0000e+00 0.0000e+00 0.0000e+00 -8.0672e+00 7.5534e-01 1.1238e+00  
1785 0.0000e+00 0.0000e+00 0.0000e+00 -1.4291e+00 1.8193e-01 1.1002e+00  
1786 0.0000e+00 0.0000e+00 0.0000e+00 -1.3471e+00 1.3281e-01 1.0458e+00  
1295 0.0000e+00 0.0000e+00 0.0000e+00 -8.1953e+00 -3.2940e-01 1.0694e+00

797 1293 0.0000e+00 0.0000e+00 0.0000e+00 -8.0823e+00 7.1868e-01 5.3551e-01  
1784 0.0000e+00 0.0000e+00 0.0000e+00 -1.3688e+00 3.4559e-01 5.5901e-01  
1785 0.0000e+00 0.0000e+00 0.0000e+00 -1.3045e+00 3.3094e-01 5.0064e-01  
1294 0.0000e+00 0.0000e+00 0.0000e+00 -8.1007e+00 7.7235e-02 4.7714e-01

798 1292 0.0000e+00 0.0000e+00 0.0000e+00 -8.0908e+00 6.6532e-01 -1.2703e-02  
1783 0.0000e+00 0.0000e+00 0.0000e+00 -1.3465e+00 4.4733e-01 -1.2759e-03  
1784 0.0000e+00 0.0000e+00 0.0000e+00 -1.3079e+00 4.2975e-01 -6.7742e-02  
1293 0.0000e+00 0.0000e+00 0.0000e+00 -8.1071e+00 3.4771e-01 -7.9170e-02

799 1291 0.0000e+00 0.0000e+00 0.0000e+00 -8.0716e+00 5.5767e-01 -5.6995e-01  
1782 0.0000e+00 0.0000e+00 0.0000e+00 -1.3283e+00 5.0488e-01 -5.7956e-01  
1783 0.0000e+00 0.0000e+00 0.0000e+00 -1.3196e+00 4.7954e-01 -6.3424e-01  
1292 0.0000e+00 0.0000e+00 0.0000e+00 -8.0992e+00 5.3858e-01 -6.2463e-01

800 1290 0.0000e+00 0.0000e+00 0.0000e+00 -8.0381e+00 3.6628e-01 -1.1689e+00  
1781 0.0000e+00 0.0000e+00 0.0000e+00 -1.3177e+00 5.1297e-01 -1.1910e+00  
1782 0.0000e+00 0.0000e+00 0.0000e+00 -1.3357e+00 4.8443e-01 -1.2138e+00  
1291 0.0000e+00 0.0000e+00 0.0000e+00 -8.0634e+00 6.7770e-01 -1.1917e+00

801 1289 0.0000e+00 0.0000e+00 0.0000e+00 -8.1032e+00 3.3690e-02 -1.8352e+00  
1780 0.0000e+00 0.0000e+00 0.0000e+00 -1.3509e+00 4.2075e-01 -1.8125e+00  
1781 0.0000e+00 0.0000e+00 0.0000e+00 -1.3893e+00 4.2561e-01 -1.8065e+00  
1290 0.0000e+00 0.0000e+00 0.0000e+00 -8.0204e+00 8.0044e-01 -1.8292e+00

802 1288 0.0000e+00 0.0000e+00 0.0000e+00 -8.6476e+00 -6.2550e-01 -2.5292e+00  
1779 0.0000e+00 0.0000e+00 0.0000e+00 -1.8877e+00 -1.3822e-01 -2.1365e+00  
1780 0.0000e+00 0.0000e+00 0.0000e+00 -1.6541e+00 2.9256e-01 -2.2449e+00  
1289 0.0000e+00 0.0000e+00 0.0000e+00 -8.1134e+00 1.0014e+00 -2.6375e+00

803 26 0.0000e+00 0.0000e+00 0.0000e+00 -1.5833e+01 -2.5327e+00 -2.1040e+00  
81 0.0000e+00 0.0000e+00 0.0000e+00 -7.1582e-02 -3.6634e+00 -8.7572e-02  
1779 0.0000e+00 0.0000e+00 0.0000e+00 -3.1678e+00 -1.4407e+00 -2.2736e+00  
1288 0.0000e+00 0.0000e+00 0.0000e+00 -8.7937e+00 1.9001e+00 -4.2900e+00

804 1778 0.0000e+00 0.0000e+00 0.0000e+00 -2.5265e+00 -1.2148e+00 -3.7874e+00  
342 0.0000e+00 0.0000e+00 0.0000e+00 -6.6486e+00 1.3008e+00 -4.3132e+00  
5 0.0000e+00 0.0000e+00 0.0000e+00 -1.3634e+01 -2.0914e+00 -1.4319e+00  
71 0.0000e+00 0.0000e+00 0.0000e+00 3.4304e+00 -5.4694e+00 -9.0605e-01

805 1777 0.0000e+00 0.0000e+00 0.0000e+00 -1.3109e+00 7.3047e-01 -2.6533e+00  
340 0.0000e+00 0.0000e+00 0.0000e+00 -7.3778e+00 9.5596e-01 -2.5632e+00  
342 0.0000e+00 0.0000e+00 0.0000e+00 -7.0531e+00 -4.2887e-01 -2.7775e+00  
1778 0.0000e+00 0.0000e+00 0.0000e+00 -1.4595e+00 2.3494e-01 -2.8676e+00

806 1776 0.0000e+00 0.0000e+00 0.0000e+00 -1.2551e+00 7.1387e-01 -1.8146e+00  
338 0.0000e+00 0.0000e+00 0.0000e+00 -7.6715e+00 9.4866e-01 -1.6725e+00  
340 0.0000e+00 0.0000e+00 0.0000e+00 -7.4939e+00 1.1969e-01 -1.8775e+00  
1777 0.0000e+00 0.0000e+00 0.0000e+00 -1.1547e+00 7.7391e-01 -2.0197e+00

807 1775 0.0000e+00 0.0000e+00 0.0000e+00 -1.2734e+00 7.6582e-01 -9.9760e-01  
336 0.0000e+00 0.0000e+00 0.0000e+00 -7.8285e+00 8.9966e-01 -9.2268e-01  
338 0.0000e+00 0.0000e+00 0.0000e+00 -7.7304e+00 4.4956e-01 -1.0336e+00  
1776 0.0000e+00 0.0000e+00 0.0000e+00 -1.2249e+00 8.1028e-01 -1.1085e+00

808 1774 0.0000e+00 0.0000e+00 0.0000e+00 -1.2754e+00 8.0004e-01 -2.4858e-01  
334 0.0000e+00 0.0000e+00 0.0000e+00 -7.8771e+00 8.0857e-01 -2.2861e-01  
336 0.0000e+00 0.0000e+00 0.0000e+00 -7.8538e+00 6.7015e-01 -2.9336e-01  
1775 0.0000e+00 0.0000e+00 0.0000e+00 -1.2597e+00 8.1112e-01 -3.1333e-01

809 1773 0.0000e+00 0.0000e+00 0.0000e+00 -1.2568e+00 8.1955e-01 4.9940e-01  
332 0.0000e+00 0.0000e+00 0.0000e+00 -7.8360e+00 6.6183e-01 4.7059e-01  
334 0.0000e+00 0.0000e+00 0.0000e+00 -7.8757e+00 8.1412e-01 4.0058e-01  
1774 0.0000e+00 0.0000e+00 0.0000e+00 -1.2735e+00 7.9961e-01 4.2938e-01

810	1772	0.0000e+00	0.0000e+00	0.0000e+00	-1.2180e+00	8.2827e-01	1.3136e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	-7.6930e+00	4.4511e-01	1.2302e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	-7.8082e+00	8.9832e-01	1.1035e+00
	1773	0.0000e+00	0.0000e+00	0.0000e+00	-1.2659e+00	7.7441e-01	1.1869e+00
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	-1.1450e+00	8.0501e-01	2.2569e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-7.4378e+00	1.2951e-01	2.1079e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	-7.6325e+00	9.3802e-01	1.8768e+00
	1772	0.0000e+00	0.0000e+00	0.0000e+00	-1.2416e+00	7.3522e-01	2.0258e+00
812	1770	0.0000e+00	0.0000e+00	0.0000e+00	-1.4522e+00	2.8139e-01	3.1453e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	-6.9871e+00	-3.8824e-01	3.0553e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-7.3227e+00	9.3445e-01	2.8078e+00
	1771	0.0000e+00	0.0000e+00	0.0000e+00	-1.2924e+00	7.7115e-01	2.8977e+00
813	70	0.0000e+00	0.0000e+00	0.0000e+00	3.4212e+00	-5.4211e+00	1.2062e+00
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3621e+01	-1.9826e+00	1.7660e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	-6.5925e+00	1.2592e+00	4.6248e+00
	1770	0.0000e+00	0.0000e+00	0.0000e+00	-2.5129e+00	-1.1500e+00	4.0651e+00
814	1769	0.0000e+00	0.0000e+00	0.0000e+00	-2.5609e+00	-6.1372e-01	-3.5330e+00
	233	0.0000e+00	0.0000e+00	0.0000e+00	-6.7813e+00	1.9623e+00	-4.1277e+00
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3736e+01	-1.6264e+00	-1.3876e+00
	69	0.0000e+00	0.0000e+00	0.0000e+00	3.2306e+00	-4.6551e+00	-7.9298e-01
815	1768	0.0000e+00	0.0000e+00	0.0000e+00	-1.3479e+00	1.3413e+00	-2.3934e+00
	231	0.0000e+00	0.0000e+00	0.0000e+00	-7.4711e+00	1.5811e+00	-2.3055e+00
	233	0.0000e+00	0.0000e+00	0.0000e+00	-7.1579e+00	1.0386e-01	-2.5529e+00
	1769	0.0000e+00	0.0000e+00	0.0000e+00	-1.4892e+00	8.4968e-01	-2.6408e+00
816	1767	0.0000e+00	0.0000e+00	0.0000e+00	-1.2838e+00	1.3201e+00	-1.5250e+00
	229	0.0000e+00	0.0000e+00	0.0000e+00	-7.8114e+00	1.4650e+00	-1.3670e+00
	231	0.0000e+00	0.0000e+00	0.0000e+00	-7.5890e+00	7.5831e-01	-1.5996e+00
	1768	0.0000e+00	0.0000e+00	0.0000e+00	-1.1971e+00	1.3791e+00	-1.7577e+00
817	1766	0.0000e+00	0.0000e+00	0.0000e+00	-1.2961e+00	1.2970e+00	-6.7980e-01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-8.0406e+00	1.1953e+00	-5.9209e-01
	229	0.0000e+00	0.0000e+00	0.0000e+00	-7.8663e+00	1.1881e+00	-7.2383e-01
	1767	0.0000e+00	0.0000e+00	0.0000e+00	-1.2989e+00	1.3559e+00	-8.1155e-01
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	-1.2871e+00	1.1652e+00	9.2289e-02
	225	0.0000e+00	0.0000e+00	0.0000e+00	-8.1673e+00	7.3217e-01	1.0878e-01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-8.0438e+00	1.4816e+00	3.0016e-02
	1766	0.0000e+00	0.0000e+00	0.0000e+00	-1.3784e+00	1.2097e+00	1.3524e-02
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	-1.2483e+00	9.0088e-01	8.6209e-01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-8.1977e+00	2.6448e-02	8.0294e-01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-8.1165e+00	1.6447e+00	7.2123e-01
	1765	0.0000e+00	0.0000e+00	0.0000e+00	-1.4451e+00	9.3738e-01	7.8039e-01
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	-1.1785e+00	4.7902e-01	1.7056e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	-8.1110e+00	-9.6633e-01	1.5567e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	-8.0846e+00	1.6612e+00	1.4128e+00
	1764	0.0000e+00	0.0000e+00	0.0000e+00	-1.4960e+00	5.1034e-01	1.5617e+00
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	-1.0732e+00	-1.5043e-01	2.6924e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	-7.9021e+00	-2.2950e+00	2.4450e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	-7.9236e+00	1.5094e+00	2.1824e+00
	1763	0.0000e+00	0.0000e+00	0.0000e+00	-1.5357e+00	-9.8230e-02	2.4299e+00
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	-1.3210e+00	-1.4545e+00	3.6398e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	-7.5922e+00	-4.0704e+00	3.4474e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	-7.6230e+00	1.1642e+00	3.1501e+00
	1762	0.0000e+00	0.0000e+00	0.0000e+00	-1.6665e+00	-8.4350e-01	3.3425e+00
823	68	0.0000e+00	0.0000e+00	0.0000e+00	2.3573e+00	-7.7971e+00	1.8628e+00
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3761e+01	-7.0940e+00	2.5579e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	-7.0703e+00	9.2947e-01	5.0470e+00
	1761	0.0000e+00	0.0000e+00	0.0000e+00	-2.9743e+00	-3.4587e+00	4.3518e+00
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	-2.3058e+00	-5.5240e+00	-4.4768e-01
	117	0.0000e+00	0.0000e+00	0.0000e+00	-7.1295e+00	-5.6241e+00	-1.7880e+00
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3995e+01	-3.2118e+00	1.5619e-02
	68	0.0000e+00	0.0000e+00	0.0000e+00	2.1771e+00	-7.3701e+00	1.3560e+00
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	-8.8335e-01	-4.4615e+00	1.0784e+00
	115	0.0000e+00	0.0000e+00	0.0000e+00	-6.8029e+00	-8.0574e+00	3.8677e-01
	117	0.0000e+00	0.0000e+00	0.0000e+00	-6.8295e+00	-2.6605e+00	-2.5989e-01

	1760	0.0000e+00	0.0000e+00	0.0000e+00	-2.0864e+00	-4.8014e+00	4.3179e-01
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	-5.3523e-01	-5.7452e+00	2.6131e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	-6.3021e+00	-9.6944e+00	2.0849e+00
	115	0.0000e+00	0.0000e+00	0.0000e+00	-6.5066e+00	-3.5714e+00	1.1620e+00
	1759	0.0000e+00	0.0000e+00	0.0000e+00	-1.2698e+00	-5.4441e+00	1.6903e+00
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	-3.6167e-01	-6.8980e+00	4.5520e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	-5.6608e+00	-1.0983e+01	3.9819e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	-5.9679e+00	-4.9905e+00	2.8848e+00
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-1.0681e+00	-6.6072e+00	3.4549e+00
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	-2.3258e-01	-7.8724e+00	6.7383e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	-4.9034e+00	-1.1693e+01	6.1708e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	-5.3278e+00	-6.7258e+00	4.8796e+00
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-8.1712e-01	-7.6413e+00	5.4472e+00
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	-1.7534e-01	-8.5234e+00	9.1337e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-4.1655e+00	-1.1579e+01	8.6802e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	-4.6207e+00	-8.6229e+00	7.2082e+00
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-5.2637e-01	-8.3666e+00	7.6617e+00
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	-2.7378e-01	-8.7455e+00	1.1593e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-3.7050e+00	-1.0423e+01	1.1435e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-4.0036e+00	-1.0465e+01	9.8803e+00
	1755	0.0000e+00	0.0000e+00	0.0000e+00	-2.5467e-01	-8.6439e+00	1.0038e+01
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	-6.8001e-01	-8.5940e+00	1.3735e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-4.0354e+00	-8.1843e+00	1.4182e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-3.7584e+00	-1.1903e+01	1.2812e+01
	1754	0.0000e+00	0.0000e+00	0.0000e+00	-1.6192e-01	-8.4113e+00	1.2365e+01
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	-2.5860e+00	-9.2812e+00	1.4286e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	-5.8456e+00	-5.3844e+00	1.6121e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-4.3985e+00	-1.2397e+01	1.5750e+01
	1753	0.0000e+00	0.0000e+00	0.0000e+00	-7.7041e-01	-7.6674e+00	1.3915e+01
833	67	0.0000e+00	0.0000e+00	0.0000e+00	-1.2496e-01	-1.8205e+01	7.8021e+00
	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0323e+01	-4.7205e+00	1.3076e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	-6.6140e+00	-1.0458e+01	1.8926e+01
	1752	0.0000e+00	0.0000e+00	0.0000e+00	-4.4582e+00	-1.0135e+01	1.3652e+01
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	-8.8303e+00	2.6178e+00	3.6972e+00
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-3.1943e+00	-8.3981e-01	1.7270e+00
	80	0.0000e+00	0.0000e+00	0.0000e+00	-7.4107e-02	-3.1081e+00	-4.2660e-01
	25	0.0000e+00	0.0000e+00	0.0000e+00	-1.5803e+01	-2.1605e+00	1.5436e+00
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	-8.2023e+00	1.7281e+00	2.0212e+00
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-1.6914e+00	9.5374e-01	1.6606e+00
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-1.8863e+00	4.9908e-01	1.5791e+00
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-8.7124e+00	-1.0846e-01	1.9396e+00
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	-8.1655e+00	1.4306e+00	1.1824e+00
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-1.4251e+00	1.1119e+00	1.1818e+00
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-1.3839e+00	1.0925e+00	1.2160e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	-8.2079e+00	7.0374e-01	1.2166e+00
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	-8.2701e+00	1.0847e+00	5.1447e-01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	-1.3629e+00	1.1230e+00	5.4605e-01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-1.3878e+00	1.1514e+00	5.5410e-01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	-8.1834e+00	1.1731e+00	5.2253e-01
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	-8.3673e+00	5.6135e-01	-8.4091e-02
	1747	0.0000e+00	0.0000e+00	0.0000e+00	-1.3297e+00	9.7281e-01	-8.5370e-02
	1748	0.0000e+00	0.0000e+00	0.0000e+00	-1.4429e+00	1.0164e+00	-1.0331e-01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-8.2566e+00	1.4646e+00	-1.0203e-01
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	-8.4240e+00	-2.1079e-01	-6.6858e-01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	-1.2892e+00	6.5352e-01	-7.2232e-01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	-1.5112e+00	7.1150e-01	-7.3896e-01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-8.3070e+00	1.6098e+00	-6.8522e-01
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	-8.4339e+00	-1.2904e+00	-1.2854e+00
	1745	0.0000e+00	0.0000e+00	0.0000e+00	-1.2402e+00	1.3545e-01	-1.3971e+00
	1746	0.0000e+00	0.0000e+00	0.0000e+00	-1.5850e+00	2.1500e-01	-1.3795e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-8.3076e+00	1.6047e+00	-1.2677e+00
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	-8.4798e+00	-2.7496e+00	-1.9839e+00
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-1.2134e+00	-6.5103e-01	-2.1138e+00

1745 0.0000e+00 0.0000e+00 0.0000e+00 -1.6889e+00 -5.1282e-01 -2.0442e+00  
1215 0.0000e+00 0.0000e+00 0.0000e+00 -8.2584e+00 1.4433e+00 -1.9143e+00

842 1213 0.0000e+00 0.0000e+00 0.0000e+00 -8.9026e+00 -4.7584e+00 -2.7602e+00  
1743 0.0000e+00 0.0000e+00 0.0000e+00 -1.6479e+00 -2.0768e+00 -2.6085e+00  
1744 0.0000e+00 0.0000e+00 0.0000e+00 -1.9811e+00 -1.4946e+00 -2.5996e+00  
1214 0.0000e+00 0.0000e+00 0.0000e+00 -8.2725e+00 1.1687e+00 -2.7513e+00

843 24 0.0000e+00 0.0000e+00 0.0000e+00 -1.5634e+01 -8.1498e+00 -2.5328e+00  
79 0.0000e+00 0.0000e+00 0.0000e+00 1.5774e-01 -6.6284e+00 -8.7112e-01  
1743 0.0000e+00 0.0000e+00 0.0000e+00 -3.4643e+00 -4.1889e+00 -2.8162e+00  
1213 0.0000e+00 0.0000e+00 0.0000e+00 -8.7626e+00 1.3112e+00 -4.4779e+00

844 1152 0.0000e+00 0.0000e+00 0.0000e+00 -8.7435e+00 -5.7340e+00 1.9237e+00  
1742 0.0000e+00 0.0000e+00 0.0000e+00 -2.8602e+00 -6.2125e+00 -4.6507e-01  
79 0.0000e+00 0.0000e+00 0.0000e+00 -2.7633e-01 -7.2522e+00 -2.0729e+00  
24 0.0000e+00 0.0000e+00 0.0000e+00 -1.5574e+01 -4.1130e+00 3.1582e-01

845 1151 0.0000e+00 0.0000e+00 0.0000e+00 -7.4592e+00 -8.4570e+00 -6.9808e-02  
1741 0.0000e+00 0.0000e+00 0.0000e+00 -1.1853e+00 -5.3900e+00 -1.1250e+00  
1742 0.0000e+00 0.0000e+00 0.0000e+00 -2.3941e+00 -5.6279e+00 -7.6747e-01  
1152 0.0000e+00 0.0000e+00 0.0000e+00 -8.1262e+00 -3.3654e+00 2.8770e-01

846 1150 0.0000e+00 0.0000e+00 0.0000e+00 -6.6237e+00 -1.0203e+01 -1.6161e+00  
1740 0.0000e+00 0.0000e+00 0.0000e+00 -6.7649e-01 -6.5169e+00 -2.2990e+00  
1741 0.0000e+00 0.0000e+00 0.0000e+00 -1.4539e+00 -6.2550e+00 -1.5841e+00  
1151 0.0000e+00 0.0000e+00 0.0000e+00 -7.0603e+00 -4.1779e+00 -9.0117e-01

847 1149 0.0000e+00 0.0000e+00 0.0000e+00 -5.8341e+00 -1.1465e+01 -3.3558e+00  
1739 0.0000e+00 0.0000e+00 0.0000e+00 -4.3438e-01 -7.6088e+00 -3.9914e+00  
1740 0.0000e+00 0.0000e+00 0.0000e+00 -1.1462e+00 -7.3371e+00 -3.0501e+00  
1150 0.0000e+00 0.0000e+00 0.0000e+00 -6.2522e+00 -5.5989e+00 -2.4145e+00

848 1148 0.0000e+00 0.0000e+00 0.0000e+00 -4.9992e+00 -1.2067e+01 -5.3916e+00  
1738 0.0000e+00 0.0000e+00 0.0000e+00 -2.8208e-01 -8.5287e+00 -5.9840e+00  
1739 0.0000e+00 0.0000e+00 0.0000e+00 -8.4629e-01 -8.3075e+00 -4.8284e+00  
1149 0.0000e+00 0.0000e+00 0.0000e+00 -5.4880e+00 -7.3698e+00 -4.2360e+00

849 1147 0.0000e+00 0.0000e+00 0.0000e+00 -4.2235e+00 -1.1760e+01 -7.7453e+00  
1737 0.0000e+00 0.0000e+00 0.0000e+00 -2.2605e-01 -9.1024e+00 -8.1931e+00  
1738 0.0000e+00 0.0000e+00 0.0000e+00 -5.2635e-01 -8.9551e+00 -6.8566e+00  
1148 0.0000e+00 0.0000e+00 0.0000e+00 -4.7193e+00 -9.3046e+00 -6.4088e+00

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1736 0.0000e+00 0.0000e+00 0.0000e+00 -3.5091e-01 -9.2073e+00 -1.0440e+01  
1737 0.0000e+00 0.0000e+00 0.0000e+00 -2.3948e-01 -9.1188e+00 -9.0389e+00  
1147 0.0000e+00 0.0000e+00 0.0000e+00 -4.0825e+00 -1.1164e+01 -8.9292e+00

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1735 0.0000e+00 0.0000e+00 0.0000e+00 -8.3319e-01 -8.8841e+00 -1.2302e+01  
1736 0.0000e+00 0.0000e+00 0.0000e+00 -1.5862e-01 -8.7269e+00 -1.1128e+01  
1146 0.0000e+00 0.0000e+00 0.0000e+00 -3.8803e+00 -1.2570e+01 -1.1707e+01

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1734 0.0000e+00 0.0000e+00 0.0000e+00 -2.8300e+00 -9.1816e+00 -1.2495e+01  
1735 0.0000e+00 0.0000e+00 0.0000e+00 -8.2666e-01 -7.8059e+00 -1.2354e+01  
1145 0.0000e+00 0.0000e+00 0.0000e+00 -4.7191e+00 -1.2913e+01 -1.4492e+01

853 23 0.0000e+00 0.0000e+00 0.0000e+00 -2.1249e+01 -3.0616e+00 -1.2105e+01  
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1734 0.0000e+00 0.0000e+00 0.0000e+00 -4.4479e+00 -9.7578e+00 -1.1611e+01  
1144 0.0000e+00 0.0000e+00 0.0000e+00 -7.6275e+00 -1.0540e+01 -1.7486e+01

854 1733 0.0000e+00 0.0000e+00 0.0000e+00 -9.4621e+00 -2.5146e+00 -2.1591e+00  
90 0.0000e+00 0.0000e+00 0.0000e+00 -1.1046e+01 -2.9209e-01 -1.5602e+00  
12 0.0000e+00 0.0000e+00 0.0000e+00 -1.1615e+01 -1.2645e+01 -2.9664e+00  
196 0.0000e+00 0.0000e+00 0.0000e+00 -7.6566e+00 -7.6972e+00 -3.5653e+00

855 1732 0.0000e+00 0.0000e+00 0.0000e+00 -8.2216e+00 -1.3222e+00 -7.6108e-01  
1733 0.0000e+00 0.0000e+00 0.0000e+00 -8.5195e+00 -1.5905e+00 -1.6046e+00  
196 0.0000e+00 0.0000e+00 0.0000e+00 -9.5856e+00 -7.5901e+00 -1.9184e+00  
185 0.0000e+00 0.0000e+00 0.0000e+00 -8.8968e+00 -7.2503e+00 -1.0749e+00

856 1731 0.0000e+00 0.0000e+00 0.0000e+00 -8.3433e+00 -1.0081e+00 1.0148e+00  
1732 0.0000e+00 0.0000e+00 0.0000e+00 -8.3155e+00 -1.2030e+00 4.8136e-02  
185 0.0000e+00 0.0000e+00 0.0000e+00 -8.7900e+00 -7.1620e+00 -1.6330e-01  
174 0.0000e+00 0.0000e+00 0.0000e+00 -9.8642e+00 -6.9471e+00 8.0341e-01

857 1730 0.0000e+00 0.0000e+00 0.0000e+00 -8.6552e+00 -8.0259e-01 3.0726e+00



	1731	0.0000e+00	0.0000e+00	0.0000e+00	-8.6007e+00	-1.1141e+00	1.9913e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	-8.6586e+00	-6.7856e+00	1.6493e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	-1.0829e+01	-6.4344e+00	2.7306e+00
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	-9.0442e+00	-6.1283e-01	5.3638e+00
	1730	0.0000e+00	0.0000e+00	0.0000e+00	-8.9958e+00	-9.4873e-01	4.1007e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	-9.1309e+00	-6.2051e+00	3.6544e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.1516e+01	-5.6761e+00	4.9175e+00
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	-9.3348e+00	-4.7688e-01	7.8938e+00
	1729	0.0000e+00	0.0000e+00	0.0000e+00	-9.2924e+00	-6.9002e-01	6.4244e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.0116e+01	-5.4410e+00	5.9930e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.1544e+01	-4.8183e+00	7.4625e+00
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	-9.3582e+00	-4.9218e-01	1.0538e+01
	1728	0.0000e+00	0.0000e+00	0.0000e+00	-9.2824e+00	-3.9376e-01	8.9447e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.1397e+01	-4.6767e+00	8.7378e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.0532e+01	-4.1773e+00	1.0331e+01
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	-9.0848e+00	-8.3740e-01	1.2876e+01
	1727	0.0000e+00	0.0000e+00	0.0000e+00	-8.8158e+00	-2.3499e-01	1.1455e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.2551e+01	-4.2656e+00	1.1846e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-8.2825e+00	-4.4210e+00	1.3267e+01
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	-9.3452e+00	-2.3696e+00	1.3612e+01
	1726	0.0000e+00	0.0000e+00	0.0000e+00	-7.8941e+00	-7.4779e-01	1.3220e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-1.2807e+01	-4.9208e+00	1.5105e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-5.2425e+00	-6.9524e+00	1.5498e+01
863	89	0.0000e+00	0.0000e+00	0.0000e+00	-1.6659e+01	-1.5732e+00	7.1818e+00
	1725	0.0000e+00	0.0000e+00	0.0000e+00	-9.1920e+00	-4.2964e+00	1.2657e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-1.0216e+01	-8.0107e+00	1.8686e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3328e+00	-2.2416e+01	1.3210e+01
864	773	0.0000e+00	0.0000e+00	0.0000e+00	-7.6572e+00	-7.6974e+00	3.5663e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	-1.1615e+01	-1.2645e+01	2.9673e+00
	96	0.0000e+00	0.0000e+00	0.0000e+00	-1.1046e+01	-2.9219e-01	1.5610e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-9.4623e+00	-2.5146e+00	2.1600e+00
865	763	0.0000e+00	0.0000e+00	0.0000e+00	-8.8976e+00	-7.2504e+00	1.0760e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	-9.5854e+00	-7.5902e+00	1.9195e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-8.5198e+00	-1.5906e+00	1.6056e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	-8.2221e+00	-1.3222e+00	7.6213e-01
866	753	0.0000e+00	0.0000e+00	0.0000e+00	-9.8651e+00	-6.9472e+00	-8.0216e-01
	763	0.0000e+00	0.0000e+00	0.0000e+00	-8.7902e+00	-7.1621e+00	1.6444e-01
	1723	0.0000e+00	0.0000e+00	0.0000e+00	-8.3160e+00	-1.2030e+00	-4.7057e-02
	1722	0.0000e+00	0.0000e+00	0.0000e+00	-8.3439e+00	-1.0081e+00	-1.0137e+00
867	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.0830e+01	-6.4344e+00	-2.7293e+00
	753	0.0000e+00	0.0000e+00	0.0000e+00	-8.6590e+00	-6.7856e+00	-1.6481e+00
	1722	0.0000e+00	0.0000e+00	0.0000e+00	-8.6014e+00	-1.1142e+00	-1.9901e+00
	1721	0.0000e+00	0.0000e+00	0.0000e+00	-8.6560e+00	-8.0254e-01	-3.0713e+00
868	733	0.0000e+00	0.0000e+00	0.0000e+00	-1.1517e+01	-5.6759e+00	-4.9160e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	-9.1316e+00	-6.2050e+00	-3.6530e+00
	1721	0.0000e+00	0.0000e+00	0.0000e+00	-8.9967e+00	-9.4872e-01	-4.0993e+00
	1720	0.0000e+00	0.0000e+00	0.0000e+00	-9.0451e+00	-6.1277e-01	-5.3624e+00
869	723	0.0000e+00	0.0000e+00	0.0000e+00	-1.1545e+01	-4.8179e+00	-7.4608e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	-1.0117e+01	-5.4408e+00	-5.9915e+00
	1720	0.0000e+00	0.0000e+00	0.0000e+00	-9.2933e+00	-6.8994e-01	-6.4229e+00
	1719	0.0000e+00	0.0000e+00	0.0000e+00	-9.3357e+00	-4.7682e-01	-7.8923e+00
870	713	0.0000e+00	0.0000e+00	0.0000e+00	-1.0533e+01	-4.1768e+00	-1.0329e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-1.1398e+01	-4.6764e+00	-8.7361e+00
	1719	0.0000e+00	0.0000e+00	0.0000e+00	-9.2832e+00	-3.9360e-01	-8.9431e+00
	1718	0.0000e+00	0.0000e+00	0.0000e+00	-9.3590e+00	-4.9212e-01	-1.0536e+01
871	703	0.0000e+00	0.0000e+00	0.0000e+00	-8.2820e+00	-4.4202e+00	-1.3266e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-1.2553e+01	-4.2651e+00	-1.1845e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	-8.8163e+00	-2.3471e-01	-1.1454e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	-9.0851e+00	-8.3734e-01	-1.2875e+01
872	693	0.0000e+00	0.0000e+00	0.0000e+00	-5.2409e+00	-6.9512e+00	-1.5496e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	-1.2809e+01	-4.9201e+00	-1.5103e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	-7.8941e+00	-7.4732e-01	-1.3218e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	-9.3447e+00	-2.3694e+00	-1.3611e+01

873 11 0.0000e+00 0.0000e+00 0.0000e+00 -4.3295e+00 -2.2412e+01 -1.3210e+01  
693 0.0000e+00 0.0000e+00 0.0000e+00 -1.0218e+01 -8.0097e+00 -1.8684e+01  
1716 0.0000e+00 0.0000e+00 0.0000e+00 -9.1907e+00 -4.2953e+00 -1.2656e+01  
95 0.0000e+00 0.0000e+00 0.0000e+00 -1.6656e+01 -1.5735e+00 -7.1818e+00

874 1506 0.0000e+00 0.0000e+00 0.0000e+00 -1.1733e+01 -7.5685e+00 1.7816e+01  
33 0.0000e+00 0.0000e+00 0.0000e+00 -5.7651e+00 -2.1783e+01 1.2516e+01  
97 0.0000e+00 0.0000e+00 0.0000e+00 -1.7804e+01 -1.3062e+00 6.6218e+00  
1715 0.0000e+00 0.0000e+00 0.0000e+00 -1.0678e+01 -4.1444e+00 1.1922e+01

875 1496 0.0000e+00 0.0000e+00 0.0000e+00 -1.4127e+01 -4.5691e+00 1.4215e+01  
1506 0.0000e+00 0.0000e+00 0.0000e+00 -6.8239e+00 -6.5302e+00 1.4662e+01  
1715 0.0000e+00 0.0000e+00 0.0000e+00 -1.0745e+01 -2.2810e+00 1.2817e+01  
1714 0.0000e+00 0.0000e+00 0.0000e+00 -9.2792e+00 -6.7944e-01 1.2370e+01

876 1486 0.0000e+00 0.0000e+00 0.0000e+00 -1.3599e+01 -3.9295e+00 1.0907e+01  
1496 0.0000e+00 0.0000e+00 0.0000e+00 -9.9149e+00 -4.1069e+00 1.2383e+01  
1714 0.0000e+00 0.0000e+00 0.0000e+00 -1.0392e+01 -7.1504e-01 1.2024e+01  
1713 0.0000e+00 0.0000e+00 0.0000e+00 -1.0063e+01 -1.9960e-01 1.0548e+01

877 1476 0.0000e+00 0.0000e+00 0.0000e+00 -1.2142e+01 -4.3403e+00 7.7025e+00  
1486 0.0000e+00 0.0000e+00 0.0000e+00 -1.2115e+01 -3.8883e+00 9.3772e+00  
1713 0.0000e+00 0.0000e+00 0.0000e+00 -1.0473e+01 -3.6038e-01 9.6265e+00  
1712 0.0000e+00 0.0000e+00 0.0000e+00 -1.0314e+01 -3.8955e-01 7.9518e+00

878 1466 0.0000e+00 0.0000e+00 0.0000e+00 -1.0577e+01 -5.1859e+00 4.8100e+00  
1476 0.0000e+00 0.0000e+00 0.0000e+00 -1.2964e+01 -4.5452e+00 6.3795e+00  
1712 0.0000e+00 0.0000e+00 0.0000e+00 -1.0200e+01 -3.6787e-01 6.9117e+00  
1711 0.0000e+00 0.0000e+00 0.0000e+00 -1.0088e+01 -7.5435e-01 5.3422e+00

879 1456 0.0000e+00 0.0000e+00 0.0000e+00 -9.4570e+00 -6.4232e+00 2.3043e+00  
1466 0.0000e+00 0.0000e+00 0.0000e+00 -1.2605e+01 -5.5340e+00 3.5696e+00  
1711 0.0000e+00 0.0000e+00 0.0000e+00 -9.6231e+00 -6.9866e-01 4.4424e+00  
1710 0.0000e+00 0.0000e+00 0.0000e+00 -9.8167e+00 -1.4942e+00 3.1771e+00

880 22 0.0000e+00 0.0000e+00 0.0000e+00 -9.7470e+00 -1.2451e+01 9.2576e-01  
1456 0.0000e+00 0.0000e+00 0.0000e+00 -1.0896e+01 -6.9219e+00 4.9801e-01  
1710 0.0000e+00 0.0000e+00 0.0000e+00 -1.0075e+01 -2.0464e+00 2.5574e+00  
96 0.0000e+00 0.0000e+00 0.0000e+00 -1.1454e+01 -4.9256e-01 2.9852e+00

881 1709 0.0000e+00 0.0000e+00 0.0000e+00 -1.0677e+01 -4.1440e+00 -1.1922e+01  
91 0.0000e+00 0.0000e+00 0.0000e+00 -1.7804e+01 -1.3065e+00 -6.6216e+00  
23 0.0000e+00 0.0000e+00 0.0000e+00 -5.7630e+00 -2.1782e+01 -1.2516e+01  
1133 0.0000e+00 0.0000e+00 0.0000e+00 -1.1734e+01 -7.5680e+00 -1.7816e+01

882 1708 0.0000e+00 0.0000e+00 0.0000e+00 -9.2790e+00 -6.7918e-01 -1.2369e+01  
1709 0.0000e+00 0.0000e+00 0.0000e+00 -1.0745e+01 -2.2810e+00 -1.2816e+01  
1133 0.0000e+00 0.0000e+00 0.0000e+00 -6.8228e+00 -6.5296e+00 -1.4662e+01  
1122 0.0000e+00 0.0000e+00 0.0000e+00 -1.4128e+01 -4.5686e+00 -1.4215e+01

883 1707 0.0000e+00 0.0000e+00 0.0000e+00 -1.0063e+01 -1.9942e-01 -1.0548e+01  
1708 0.0000e+00 0.0000e+00 0.0000e+00 -1.0392e+01 -7.1498e-01 -1.2024e+01  
1122 0.0000e+00 0.0000e+00 0.0000e+00 -9.9146e+00 -4.1064e+00 -1.2383e+01  
1111 0.0000e+00 0.0000e+00 0.0000e+00 -1.3600e+01 -3.9291e+00 -1.0907e+01

884 1706 0.0000e+00 0.0000e+00 0.0000e+00 -1.0314e+01 -3.8943e-01 -7.9513e+00  
1707 0.0000e+00 0.0000e+00 0.0000e+00 -1.0473e+01 -3.6030e-01 -9.6261e+00  
1111 0.0000e+00 0.0000e+00 0.0000e+00 -1.2115e+01 -3.8879e+00 -9.3768e+00  
1100 0.0000e+00 0.0000e+00 0.0000e+00 -1.2142e+01 -4.3400e+00 -7.7020e+00

885 1705 0.0000e+00 0.0000e+00 0.0000e+00 -1.0089e+01 -7.5427e-01 -5.3416e+00  
1706 0.0000e+00 0.0000e+00 0.0000e+00 -1.0200e+01 -3.6778e-01 -6.9112e+00  
1100 0.0000e+00 0.0000e+00 0.0000e+00 -1.2964e+01 -4.5448e+00 -6.3790e+00  
1089 0.0000e+00 0.0000e+00 0.0000e+00 -1.0577e+01 -5.1856e+00 -4.8093e+00

886 1704 0.0000e+00 0.0000e+00 0.0000e+00 -9.8169e+00 -1.4941e+00 -3.1764e+00  
1705 0.0000e+00 0.0000e+00 0.0000e+00 -9.6233e+00 -6.9856e-01 -4.4418e+00  
1089 0.0000e+00 0.0000e+00 0.0000e+00 -1.2605e+01 -5.5337e+00 -3.5689e+00  
1078 0.0000e+00 0.0000e+00 0.0000e+00 -9.4571e+00 -6.4230e+00 -2.3035e+00

887 90 0.0000e+00 0.0000e+00 0.0000e+00 -1.1454e+01 -4.9255e-01 -2.9844e+00  
1704 0.0000e+00 0.0000e+00 0.0000e+00 -1.0075e+01 -2.0463e+00 -2.5567e+00  
1078 0.0000e+00 0.0000e+00 0.0000e+00 -1.0896e+01 -6.9217e+00 -4.9723e-01  
12 0.0000e+00 0.0000e+00 0.0000e+00 -9.7468e+00 -1.2450e+01 -9.2490e-01

888 33 0.0000e+00 0.0000e+00 0.0000e+00 -2.5446e+01 -2.5804e+01 8.2174e+00  
88 0.0000e+00 0.0000e+00 0.0000e+00 1.8958e+00 -1.7583e+01 6.6655e+00  
94 0.0000e+00 0.0000e+00 0.0000e+00 -8.2888e+00 -8.5185e+00 5.6461e+00

	97	0.0000e+00	0.0000e+00	0.0000e+00	-1.8365e+01	1.7407e+00	7.1981e+00
889	77	0.0000e+00	0.0000e+00	0.0000e+00	2.8832e+00	-2.0040e+01	-7.1880e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	-2.4352e+01	-2.6644e+01	-9.2353e+00
	95	0.0000e+00	0.0000e+00	0.0000e+00	-1.7523e+01	1.3227e+00	-7.6188e+00
	98	0.0000e+00	0.0000e+00	0.0000e+00	-8.0403e+00	-8.5143e+00	-5.5715e+00
890	91	0.0000e+00	0.0000e+00	0.0000e+00	-1.8365e+01	1.7406e+00	-7.1978e+00
	93	0.0000e+00	0.0000e+00	0.0000e+00	-8.2888e+00	-8.5183e+00	-5.6461e+00
	78	0.0000e+00	0.0000e+00	0.0000e+00	1.8957e+00	-1.7583e+01	-6.6655e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	-2.5446e+01	-2.5803e+01	-8.2173e+00
891	92	0.0000e+00	0.0000e+00	0.0000e+00	-8.0427e+00	-8.5157e+00	5.5728e+00
	89	0.0000e+00	0.0000e+00	0.0000e+00	-1.7527e+01	1.3239e+00	7.6191e+00
	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4358e+01	-2.6648e+01	9.2347e+00
	67	0.0000e+00	0.0000e+00	0.0000e+00	2.8803e+00	-2.0040e+01	7.1884e+00
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	-1.9816e+01	-6.3089e-02	1.4023e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-1.0240e+01	-2.1281e+00	3.9831e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	-2.9729e+00	-3.6290e-02	1.9366e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-2.1883e+01	1.9616e+00	-6.4420e-01
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	-2.2171e+01	-4.6150e-01	1.5020e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-1.2053e+01	-6.0741e-01	2.6907e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-1.1028e+01	-1.0285e+00	2.0660e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-2.0800e+01	6.5846e-02	8.7730e-01
894	1694	0.0000e+00	0.0000e+00	0.0000e+00	-2.3187e+01	-6.8050e-02	1.5254e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.2812e+01	-1.8984e-01	2.0675e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-1.2404e+01	-9.4294e-01	1.5617e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-2.2503e+01	-6.0485e-02	1.0195e+00
895	1693	0.0000e+00	0.0000e+00	0.0000e+00	-2.3651e+01	2.0144e-01	1.3097e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.3117e+01	1.0174e-01	1.5689e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.2991e+01	-7.6068e-01	1.0781e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-2.3255e+01	1.1382e-01	8.1896e-01
896	1692	0.0000e+00	0.0000e+00	0.0000e+00	-2.3826e+01	4.5573e-01	1.0222e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.3171e+01	3.9856e-01	1.1155e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.3208e+01	-5.9659e-01	6.2475e-01
	1693	0.0000e+00	0.0000e+00	0.0000e+00	-2.3600e+01	3.2061e-01	5.3145e-01
897	1691	0.0000e+00	0.0000e+00	0.0000e+00	-2.3764e+01	7.3860e-01	7.2646e-01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.3000e+01	7.5974e-01	6.6792e-01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.3202e+01	-4.6296e-01	1.7154e-01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	-2.3680e+01	5.4366e-01	2.3007e-01
898	1690	0.0000e+00	0.0000e+00	0.0000e+00	-2.3339e+01	1.1642e+00	5.1008e-01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.2497e+01	1.2519e+00	2.0949e-01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.2960e+01	-3.7458e-01	-3.2003e-01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	-2.3481e+01	7.6436e-01	-1.9444e-02
899	1647	0.0000e+00	0.0000e+00	0.0000e+00	-2.4076e+01	2.2028e+00	6.6489e-01
	28	0.0000e+00	0.0000e+00	0.0000e+00	-9.6256e+00	2.1962e+00	-4.4163e-02
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.2315e+01	-6.2252e-01	-1.0417e+00
	1690	0.0000e+00	0.0000e+00	0.0000e+00	-2.2815e+01	1.3512e+00	-3.3260e-01
900	1689	0.0000e+00	0.0000e+00	0.0000e+00	-2.9168e+01	5.7758e-01	4.2126e-01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-2.4210e+01	1.5110e-01	4.5737e-01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-2.4161e+01	7.6486e-01	1.4623e-01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	-2.9145e+01	9.5610e-01	1.1012e-01
901	1688	0.0000e+00	0.0000e+00	0.0000e+00	-2.9238e+01	-2.6113e-01	7.2302e-01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-2.5273e+01	-6.4118e-01	1.1508e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-2.4587e+01	-6.5659e-01	4.7035e-01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	-2.9062e+01	3.1419e-01	4.2606e-02
902	1687	0.0000e+00	0.0000e+00	0.0000e+00	-2.9713e+01	-3.2803e-01	8.7173e-01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-2.5990e+01	-6.0047e-01	1.2745e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-2.5410e+01	-6.0368e-01	9.0506e-01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	-2.9482e+01	-1.4265e-01	5.0229e-01
903	1686	0.0000e+00	0.0000e+00	0.0000e+00	-3.0112e+01	-2.0644e-01	8.4789e-01
	1693	0.0000e+00	0.0000e+00	0.0000e+00	-2.6404e+01	-4.1362e-01	1.1108e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-2.6089e+01	-4.2222e-01	9.0453e-01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	-2.9897e+01	-2.1995e-01	6.4165e-01
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	-3.0369e+01	2.1255e-02	7.4033e-01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	-2.6597e+01	-1.9187e-01	8.8473e-01

	1693	0.0000e+00	0.0000e+00	0.0000e+00	-2.6457e+01	-2.1682e-01	7.2796e-01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	-3.0218e+01	-1.1870e-01	5.8355e-01
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	-3.0521e+01	3.5027e-01	6.3473e-01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	-2.6595e+01	6.3846e-02	6.8130e-01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	-2.6607e+01	2.4914e-02	5.0193e-01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	-3.0415e+01	9.4593e-02	4.5536e-01
906	1683	0.0000e+00	0.0000e+00	0.0000e+00	-3.0600e+01	8.1358e-01	5.7184e-01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	-2.6509e+01	3.9739e-01	5.7611e-01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	-2.6567e+01	3.5440e-01	3.3446e-01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	-3.0533e+01	4.1796e-01	3.3018e-01
907	1639	0.0000e+00	0.0000e+00	0.0000e+00	-3.0793e+01	1.2334e+00	1.9168e-01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	-2.6461e+01	1.2743e+00	2.7043e-01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	-2.6357e+01	9.7977e-01	2.7211e-01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	-3.0737e+01	1.0174e+00	1.9336e-01
908	1682	0.0000e+00	0.0000e+00	0.0000e+00	-2.9905e+01	4.3248e-01	2.0546e-01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	-2.9954e+01	4.2791e-01	1.9614e-01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	-2.9985e+01	7.1721e-01	2.4181e-01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	-2.9893e+01	6.2198e-01	2.5113e-01
909	1681	0.0000e+00	0.0000e+00	0.0000e+00	-2.9861e+01	-6.8179e-02	3.4290e-01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	-3.0138e+01	-1.7834e-01	3.7815e-01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	-3.0065e+01	1.5418e-01	2.6283e-01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-2.9862e+01	2.7297e-01	2.2758e-01
910	1680	0.0000e+00	0.0000e+00	0.0000e+00	-2.9984e+01	-3.6815e-01	4.4170e-01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	-3.0476e+01	-3.5295e-01	6.0542e-01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	-3.0211e+01	-2.9177e-01	5.3207e-01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-2.9919e+01	-1.3095e-01	3.6835e-01
911	1679	0.0000e+00	0.0000e+00	0.0000e+00	-3.0210e+01	-4.0438e-01	4.4528e-01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	-3.0780e+01	-3.1583e-01	6.2938e-01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	-3.0540e+01	-3.6806e-01	6.6119e-01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-3.0079e+01	-3.4266e-01	4.7708e-01
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	-3.0453e+01	-2.3998e-01	3.8174e-01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	-3.1015e+01	-1.3562e-01	5.5147e-01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	-3.0836e+01	-2.6030e-01	6.4087e-01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	-3.0290e+01	-3.3344e-01	4.7114e-01
913	1677	0.0000e+00	0.0000e+00	0.0000e+00	-3.0692e+01	7.7340e-02	2.9801e-01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	-3.1194e+01	1.6741e-01	4.5448e-01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	-3.1061e+01	-2.8939e-02	5.5395e-01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	-3.0510e+01	-1.3635e-01	3.9748e-01
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	-3.0914e+01	4.6447e-01	1.8521e-01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	-3.1385e+01	6.0642e-01	3.4818e-01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	-3.1223e+01	3.1357e-01	4.6966e-01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	-3.0747e+01	2.1437e-01	3.0668e-01
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	-3.1057e+01	7.2530e-01	-1.4049e-02
	1639	0.0000e+00	0.0000e+00	0.0000e+00	-3.1479e+01	9.7050e-01	7.3097e-02
	1683	0.0000e+00	0.0000e+00	0.0000e+00	-3.1376e+01	7.8999e-01	2.8887e-01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	-3.0984e+01	6.0682e-01	2.0173e-01
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	-2.6547e+01	3.8766e-01	1.3981e-01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-2.9290e+01	5.4495e-01	1.2401e-01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	-2.9304e+01	7.1029e-01	2.8449e-01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	-2.6565e+01	5.4896e-01	3.0030e-01
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	-2.6470e+01	-4.5902e-02	2.3609e-01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-2.9283e+01	1.1273e-01	1.8492e-01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-2.9312e+01	3.8736e-01	3.3043e-01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-2.6544e+01	2.5711e-01	3.8160e-01
918	1673	0.0000e+00	0.0000e+00	0.0000e+00	-2.6471e+01	-4.0200e-01	2.4917e-01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-2.9369e+01	-1.8878e-01	2.7359e-01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-2.9301e+01	-2.3125e-02	4.5033e-01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-2.6490e+01	-1.6079e-01	4.2592e-01
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	-2.6582e+01	-5.2908e-01	1.8868e-01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	-2.9538e+01	-2.6520e-01	2.8877e-01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-2.9400e+01	-2.4149e-01	5.2082e-01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-2.6519e+01	-4.3832e-01	4.2073e-01
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	-2.6771e+01	-4.1789e-01	8.4114e-02

1678 0.0000e+00 0.0000e+00 0.0000e+00 -2.9751e+01 -1.3268e-01 2.3347e-01  
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1672 0.0000e+00 0.0000e+00 0.0000e+00 -2.6639e+01 -4.8637e-01 3.5587e-01

921 1670 0.0000e+00 0.0000e+00 0.0000e+00 -2.7010e+01 -1.1089e-01 -2.9987e-02  
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1671 0.0000e+00 0.0000e+00 0.0000e+00 -2.6826e+01 -3.0918e-01 2.5215e-01

922 1669 0.0000e+00 0.0000e+00 0.0000e+00 -2.7251e+01 2.8295e-01 -1.1521e-01  
1676 0.0000e+00 0.0000e+00 0.0000e+00 -3.0225e+01 5.4795e-01 6.7494e-02  
1677 0.0000e+00 0.0000e+00 0.0000e+00 -3.0046e+01 3.1919e-01 3.4116e-01  
1670 0.0000e+00 0.0000e+00 0.0000e+00 -2.7061e+01 4.0874e-02 1.5845e-01

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1319 0.0000e+00 0.0000e+00 0.0000e+00 -2.5276e+01 8.1764e-01 2.7482e-01  
1308 0.0000e+00 0.0000e+00 0.0000e+00 -2.1442e+01 7.2017e-01 3.1919e-01

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1668 0.0000e+00 0.0000e+00 0.0000e+00 -2.1401e+01 3.0407e-01 5.2426e-01

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1661 0.0000e+00 0.0000e+00 0.0000e+00 -1.4224e+01 1.0669e+00 2.3638e-01  
1297 0.0000e+00 0.0000e+00 0.0000e+00 -1.4861e+01 1.6750e+00 2.7418e-01  
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942 943 0.0000e+00 0.0000e+00 0.0000e+00 -1.1714e+01 -7.3120e-01 -4.7364e-02  
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944 0.0000e+00 0.0000e+00 0.0000e+00 -1.1516e+01 -4.6293e-01 2.4520e-01

943 942 0.0000e+00 0.0000e+00 0.0000e+00 -1.1851e+01 -8.7026e-01 -8.5681e-02  
1658 0.0000e+00 0.0000e+00 0.0000e+00 -1.4677e+01 -6.1244e-01 -1.9820e-02  
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943 0.0000e+00 0.0000e+00 0.0000e+00 -1.1777e+01 -7.7366e-01 1.8008e-01

944 941 0.0000e+00 0.0000e+00 0.0000e+00 -1.1824e+01 -8.1938e-01 -1.3059e-01  
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1616 0.0000e+00 0.0000e+00 0.0000e+00 -2.5222e+01 5.0554e-01 -4.2742e-01  
1617 0.0000e+00 0.0000e+00 0.0000e+00 -2.5161e+01 2.1773e-01 -1.7634e-01  
1609 0.0000e+00 0.0000e+00 0.0000e+00 -2.1267e+01 -7.9271e-02 -2.7319e-01

987 1243 0.0000e+00 0.0000e+00 0.0000e+00 -2.1441e+01 7.2015e-01 -3.1919e-01  
1254 0.0000e+00 0.0000e+00 0.0000e+00 -2.5276e+01 8.1762e-01 -2.7482e-01  
1616 0.0000e+00 0.0000e+00 0.0000e+00 -2.5262e+01 6.6729e-01 -1.3721e-01  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -2.1366e+01 4.9156e-01 -1.8158e-01

988 1606 0.0000e+00 0.0000e+00 0.0000e+00 -1.6087e+01 6.6398e-01 2.4788e-01  
1614 0.0000e+00 0.0000e+00 0.0000e+00 -2.0348e+01 7.9738e-01 1.1395e-01  
1615 0.0000e+00 0.0000e+00 0.0000e+00 -2.0423e+01 1.0067e+00 1.5762e-01  
1607 0.0000e+00 0.0000e+00 0.0000e+00 -1.6282e+01 1.0534e+00 2.9155e-01

989 1605 0.0000e+00 0.0000e+00 0.0000e+00 -1.6045e+01 -2.1749e-01 2.1318e-01  
1613 0.0000e+00 0.0000e+00 0.0000e+00 -2.0060e+01 1.4383e-01 7.0489e-02  
1614 0.0000e+00 0.0000e+00 0.0000e+00 -2.0189e+01 5.4654e-01 4.2944e-01  
1606 0.0000e+00 0.0000e+00 0.0000e+00 -1.6203e+01 1.9523e-01 5.7213e-01

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1612 0.0000e+00 0.0000e+00 0.0000e+00 -1.9890e+01 -2.7807e-01 -7.9078e-02  
1613 0.0000e+00 0.0000e+00 0.0000e+00 -2.0011e+01 1.6783e-03 3.3831e-01  
1605 0.0000e+00 0.0000e+00 0.0000e+00 -1.6074e+01 -4.5076e-01 4.0139e-01

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1611 0.0000e+00 0.0000e+00 0.0000e+00 -1.9796e+01 -4.3040e-01 -2.3595e-01  
1612 0.0000e+00 0.0000e+00 0.0000e+00 -1.9876e+01 -3.3841e-01 1.5706e-01  
1604 0.0000e+00 0.0000e+00 0.0000e+00 -1.6067e+01 -7.5146e-01 2.0674e-01

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1610 0.0000e+00 0.0000e+00 0.0000e+00 -1.9732e+01 -3.3100e-01 -3.8352e-01  
1611 0.0000e+00 0.0000e+00 0.0000e+00 -1.9775e+01 -4.3138e-01 -2.1953e-03  
1603 0.0000e+00 0.0000e+00 0.0000e+00 -1.6025e+01 -8.0726e-01 4.5088e-02

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1609 0.0000e+00 0.0000e+00 0.0000e+00 -1.9722e+01 2.6505e-02 -5.2332e-01  
1610 0.0000e+00 0.0000e+00 0.0000e+00 -1.9704e+01 -2.7056e-01 -1.3571e-01  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -1.5935e+01 -6.3174e-01 -1.1504e-01

994 1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.5919e+01 2.8830e-01 -6.4342e-01  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -1.9788e+01 6.0282e-01 -5.6528e-01  
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1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.5817e+01 -1.6052e-01 -3.1756e-01

995 1232 0.0000e+00 0.0000e+00 0.0000e+00 -1.5946e+01 1.1793e+00 -3.4446e-01  
1243 0.0000e+00 0.0000e+00 0.0000e+00 -1.9950e+01 1.0951e+00 -2.4789e-01  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -1.9918e+01 8.6061e-01 -2.3524e-01  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.5783e+01 7.5123e-01 -3.3180e-01

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1607 0.0000e+00 0.0000e+00 0.0000e+00 -1.5152e+01 1.5554e+00 2.1420e-01  
17 0.0000e+00 0.0000e+00 0.0000e+00 -1.0345e+01 2.4472e+00 2.9408e-01

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866 0.0000e+00 0.0000e+00 0.0000e+00 -1.1824e+01 -8.1938e-01 1.3059e-01

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1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.4450e+01 -1.3612e-01 -3.9414e-01  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -1.4552e+01 -4.7716e-01 -1.0157e-01  
864 0.0000e+00 0.0000e+00 0.0000e+00 -1.1714e+01 -7.3120e-01 4.7362e-02

1002 862 0.0000e+00 0.0000e+00 0.0000e+00 -1.1001e+01 2.2745e-01 -3.5971e-01  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.4232e+01 6.3936e-01 -5.9648e-01  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.4331e+01 -7.8859e-02 -2.4942e-01  
863 0.0000e+00 0.0000e+00 0.0000e+00 -1.1378e+01 -3.5597e-01 -1.2645e-02

1003 16 0.0000e+00 0.0000e+00 0.0000e+00 -1.0130e+01 2.5313e+00 -3.0479e-01  
1232 0.0000e+00 0.0000e+00 0.0000e+00 -1.4861e+01 1.6750e+00 -2.7414e-01  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.4224e+01 1.0670e+00 -2.3638e-01  
862 0.0000e+00 0.0000e+00 0.0000e+00 -1.0705e+01 1.3570e-01 -2.6702e-01

1004 1593 0.0000e+00 0.0000e+00 0.0000e+00 -1.8728e+01 8.6826e-01 7.5623e-01  
1599 0.0000e+00 0.0000e+00 0.0000e+00 -9.5336e+00 -1.5895e+00 3.1674e+00  
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1427 0.0000e+00 0.0000e+00 0.0000e+00 -2.1304e+01 2.6043e+00 -1.0509e+00

1005 1592 0.0000e+00 0.0000e+00 0.0000e+00 -2.0792e+01 6.7479e-03 6.9791e-01  
1598 0.0000e+00 0.0000e+00 0.0000e+00 -1.1202e+01 -2.5506e-01 1.8115e+00  
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1595 0.0000e+00 0.0000e+00 0.0000e+00 -1.1492e+01 -4.0981e-01 -2.6033e-01  
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1009 1588 0.0000e+00 0.0000e+00 0.0000e+00 -1.9673e+01 5.0505e-01 2.8322e-01  
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1010 1362 0.0000e+00 0.0000e+00 0.0000e+00 -2.1415e+01 2.2334e+00 1.6026e+00  
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1427 0.0000e+00 0.0000e+00 0.0000e+00 -2.3255e+01 1.4437e+00 -2.8843e-01  
1416 0.0000e+00 0.0000e+00 0.0000e+00 -2.8116e+01 1.6560e+00 -2.3730e-01

1012 1586 0.0000e+00 0.0000e+00 0.0000e+00 -2.7893e+01 2.4124e-01 1.2123e-01  
1592 0.0000e+00 0.0000e+00 0.0000e+00 -2.3955e+01 -2.5879e-02 3.5250e-01  
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1013 1585 0.0000e+00 0.0000e+00 0.0000e+00 -2.8070e+01 -3.3466e-02 2.4394e-01  
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1592 0.0000e+00 0.0000e+00 0.0000e+00 -2.4054e+01 -2.4476e-01 1.3970e-01  
1586 0.0000e+00 0.0000e+00 0.0000e+00 -2.8016e+01 2.4777e-01 -7.6436e-02

1014 1584 0.0000e+00 0.0000e+00 0.0000e+00 -2.8158e+01 -6.8411e-02 3.1529e-01  
1590 0.0000e+00 0.0000e+00 0.0000e+00 -2.4456e+01 -3.1203e-01 3.3444e-01  
1591 0.0000e+00 0.0000e+00 0.0000e+00 -2.4445e+01 -2.8427e-01 1.0471e-01

	1585	0.0000e+00	0.0000e+00	0.0000e+00	-2.8134e+01	-2.9032e-02	8.5551e-02
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	-2.8107e+01	1.0150e-01	4.9033e-01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-2.4114e+01	-3.9297e-01	3.1256e-01
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-2.4436e+01	-3.2811e-01	-1.9503e-02
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-2.8112e+01	-1.0152e-01	1.5827e-01
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	-2.8041e+01	6.2159e-01	8.6857e-01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-2.3650e+01	-3.2335e-01	6.7715e-01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-2.4041e+01	-2.3160e-01	1.0467e-01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-2.8002e+01	6.6565e-02	2.9609e-01
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	-2.8349e+01	1.2956e+00	7.0138e-01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-2.3411e+01	1.0661e+00	7.9239e-01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	-2.3346e+01	7.6819e-01	6.2470e-01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-2.8246e+01	9.0276e-01	5.3369e-01
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	-2.8793e+01	9.4581e-01	-8.9565e-02
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-2.8806e+01	1.0004e+00	-2.0400e-01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	-2.8952e+01	1.3948e+00	-9.6790e-02
	1405	0.0000e+00	0.0000e+00	0.0000e+00	-2.8858e+01	1.2166e+00	1.7646e-02
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.8619e+01	3.8080e-01	-2.0291e-02
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-2.8780e+01	2.9446e-01	-1.2215e-01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-2.8866e+01	7.0572e-01	-1.8558e-01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-2.8721e+01	7.5712e-01	-8.3722e-02
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	-2.8553e+01	3.8598e-03	8.5955e-02
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-2.8872e+01	-5.0560e-02	8.8813e-02
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-2.8816e+01	1.0581e-01	-6.2176e-03
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.8604e+01	2.5775e-01	-9.0753e-03
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	-2.8593e+01	-7.3582e-02	2.0148e-01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-2.8916e+01	-1.6470e-01	2.2720e-01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-2.8894e+01	-1.2030e-01	1.4739e-01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-2.8567e+01	-3.8130e-02	1.2168e-01
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	-2.8708e+01	1.2817e-01	3.4287e-01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-2.8912e+01	-4.2227e-02	3.9218e-01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	-2.8924e+01	-1.0985e-01	2.8786e-01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-2.8606e+01	-5.3738e-02	2.3856e-01
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	-2.8907e+01	5.2945e-01	4.3748e-01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-2.9039e+01	4.5405e-01	5.9339e-01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	-2.8907e+01	1.3150e-01	5.1385e-01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-2.8752e+01	2.2881e-01	3.5795e-01
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	-2.9129e+01	8.8360e-01	3.6185e-01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-2.9201e+01	1.0344e+00	5.3074e-01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	-2.9009e+01	7.3326e-01	6.1784e-01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-2.9010e+01	6.9489e-01	4.4895e-01
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	-2.5584e+01	8.3567e-01	-2.7479e-02
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-2.8189e+01	1.0191e+00	-1.1925e-01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	-2.8301e+01	1.2769e+00	5.6678e-02
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-2.5641e+01	1.0783e+00	1.4845e-01
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	-2.5430e+01	3.7004e-01	2.5385e-02
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.8059e+01	5.1687e-01	-1.1098e-01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-2.8184e+01	8.5255e-01	3.0295e-02
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-2.5557e+01	6.9261e-01	1.6666e-01
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	-2.5336e+01	1.3714e-02	4.6887e-02
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-2.7998e+01	1.5942e-01	-2.2736e-02
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.8054e+01	3.6695e-01	1.0371e-01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-2.5408e+01	2.3808e-01	1.7334e-01
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	-2.5362e+01	-7.3513e-02	5.5956e-02
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-2.8030e+01	5.9615e-02	8.3500e-02
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-2.8005e+01	9.4921e-02	2.0737e-01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-2.5337e+01	-4.0917e-02	1.7982e-01
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	-2.5512e+01	1.2263e-01	7.1082e-02
	1577	0.0000e+00	0.0000e+00	0.0000e+00	-2.8161e+01	2.4099e-01	1.9646e-01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	-2.8055e+01	1.0531e-01	3.1560e-01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-2.5388e+01	-3.5022e-02	1.9022e-01
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	-2.5740e+01	4.8765e-01	9.5532e-02
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-2.8375e+01	6.3110e-01	2.8876e-01

	1577	0.0000e+00	0.0000e+00	0.0000e+00	-2.8199e+01	3.7131e-01	4.1655e-01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-2.5561e+01	2.3727e-01	2.2332e-01
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	-2.5906e+01	7.7120e-01	1.3768e-01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-2.8577e+01	9.5160e-01	2.8652e-01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	-2.8412e+01	7.7590e-01	4.4553e-01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-2.5797e+01	6.1102e-01	2.9669e-01
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	-2.0599e+01	8.8636e-01	9.4157e-02
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-2.4314e+01	1.0745e+00	-5.2660e-03
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-2.4405e+01	1.3084e+00	1.3367e-01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-2.0691e+01	1.1949e+00	2.3309e-01
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	-2.0449e+01	3.1650e-01	1.5227e-01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-2.4151e+01	5.9294e-01	1.7315e-03
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-2.4268e+01	9.1381e-01	2.2434e-01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-2.0609e+01	7.0687e-01	3.7488e-01
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	-2.0377e+01	-7.3005e-02	6.0496e-02
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-2.4046e+01	2.3020e-01	-1.7520e-02
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-2.4118e+01	4.5160e-01	2.5575e-01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-2.0449e+01	1.6141e-01	3.3377e-01
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	-2.0405e+01	-1.6626e-01	-6.3607e-02
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-2.4069e+01	1.4178e-01	-3.8983e-02
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-2.4045e+01	1.7128e-01	2.4438e-01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-2.0384e+01	-1.3598e-01	2.1976e-01
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	-2.0538e+01	5.7932e-02	-1.7177e-01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-2.4220e+01	3.4247e-01	-4.3162e-02
	1572	0.0000e+00	0.0000e+00	0.0000e+00	-2.4099e+01	1.8198e-01	2.2493e-01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-2.0422e+01	-1.1561e-01	9.6321e-02
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	-2.0769e+01	5.2487e-01	-1.9800e-01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-2.4450e+01	7.1808e-01	5.2687e-03
	1571	0.0000e+00	0.0000e+00	0.0000e+00	-2.4283e+01	4.6449e-01	2.1637e-01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-2.0561e+01	1.9930e-01	1.3104e-02
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	-2.0921e+01	9.1395e-01	-3.1682e-02
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-2.4667e+01	1.0127e+00	1.1889e-01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	-2.4526e+01	8.5632e-01	2.4229e-01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-2.0784e+01	6.8716e-01	9.1712e-02
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.5222e+01	1.1011e+00	2.9714e-01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.9162e+01	1.2151e+00	1.5912e-01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-1.9254e+01	1.5268e+00	1.7222e-01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.5385e+01	1.6123e+00	3.1024e-01
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.5189e+01	2.2649e-01	2.6944e-01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.8941e+01	5.3782e-01	1.4263e-01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.9044e+01	9.7368e-01	4.2691e-01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.5320e+01	6.6773e-01	5.5372e-01
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.5234e+01	-2.3256e-01	5.9251e-02
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.8845e+01	1.2298e-01	2.7914e-02
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.8909e+01	3.9317e-01	3.7844e-01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.5228e+01	-1.2437e-02	4.0978e-01
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.5264e+01	-3.3491e-01	-1.2699e-01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.8870e+01	4.6135e-02	-1.0910e-01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.8851e+01	7.0991e-02	2.3980e-01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.5250e+01	-3.0556e-01	2.2190e-01
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.5288e+01	-1.1148e-01	-3.1448e-01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.8992e+01	2.9744e-01	-2.4513e-01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.8888e+01	7.7782e-02	1.0473e-01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.5265e+01	-2.7299e-01	3.5379e-02
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.5441e+01	5.0403e-01	-4.5220e-01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.9195e+01	8.0219e-01	-2.7996e-01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.9051e+01	4.2319e-01	-3.1866e-03
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.5268e+01	1.2036e-01	-1.7543e-01
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.5557e+01	1.3612e+00	-1.7736e-01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-1.9477e+01	1.2604e+00	1.7737e-03
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.9344e+01	1.0236e+00	-4.3734e-03
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.5360e+01	9.3615e-01	-1.8351e-01
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	-1.0309e+01	6.0984e-01	2.7851e-01

	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.3717e+01	1.3868e+00	2.2633e-01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.4308e+01	2.0452e+00	2.8346e-01
	20	0.0000e+00	0.0000e+00	0.0000e+00	-9.8137e+00	2.6980e+00	3.3564e-01
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	-1.0903e+01	1.0748e-02	3.3170e-02
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.3711e+01	2.7936e-01	2.1436e-01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.3703e+01	9.9350e-01	5.3291e-01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-1.0577e+01	5.7041e-01	3.5172e-01
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	-1.1146e+01	-3.6033e-01	-3.6133e-02
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.3849e+01	-1.1191e-01	6.0884e-02
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.3799e+01	2.0937e-01	3.2702e-01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-1.1018e+01	-1.2011e-01	2.3001e-01
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.1191e+01	-4.3476e-01	-9.6041e-02
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.3896e+01	-1.6068e-01	-8.6493e-02
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.3884e+01	-1.3774e-01	1.6393e-01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-1.1185e+01	-4.0744e-01	1.5439e-01
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.1047e+01	-2.1753e-01	-1.7293e-01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.3848e+01	1.1906e-01	-2.5105e-01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.3875e+01	-1.5867e-01	1.6906e-02
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.1164e+01	-4.0392e-01	9.5021e-02
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	-1.0620e+01	4.1124e-01	-2.9770e-01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.3797e+01	8.4505e-01	-4.5943e-01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.3774e+01	1.6564e-01	-1.3606e-01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.0942e+01	-1.0274e-01	2.5678e-02
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	-9.8786e+00	2.5826e+00	-2.5676e-01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.4495e+01	1.8156e+00	-1.5905e-01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.3841e+01	1.2376e+00	-1.3637e-01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-1.0353e+01	4.2139e-01	-2.3408e-01
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	-1.8827e+01	5.5363e-01	2.2974e-01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-9.5197e+00	-1.7398e+00	2.6699e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	-2.4374e+00	5.4828e-01	8.3763e-01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	-2.1415e+01	2.2335e+00	-1.6025e+00
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	-2.0874e+01	-2.0619e-01	1.8793e-01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	-1.1204e+01	-2.3319e-01	1.3203e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-1.0319e+01	-4.9093e-01	8.4918e-01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-1.9673e+01	5.0504e-01	-2.8317e-01
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	-2.1666e+01	1.1166e-01	1.4861e-01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	-1.1815e+01	3.3818e-02	5.7127e-01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	-1.1493e+01	-4.0975e-01	2.6040e-01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-2.1209e+01	1.8744e-01	-1.6225e-01
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	-2.1733e+01	2.5027e-01	-1.0303e-01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-1.1890e+01	7.5094e-02	-9.8651e-02
	1555	0.0000e+00	0.0000e+00	0.0000e+00	-1.1903e+01	-2.3219e-01	-3.8681e-01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	-2.1712e+01	2.1835e-01	-3.9119e-01
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	-2.1198e+01	3.4025e-01	-3.4141e-01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.1473e+01	2.0499e-02	-7.5292e-01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-1.1817e+01	-1.3658e-01	-1.0564e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	-2.1611e+01	2.0259e-01	-6.4486e-01
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	-1.9635e+01	7.7089e-01	-2.4103e-01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-1.0308e+01	4.0888e-02	-1.3546e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.1203e+01	-2.5517e-01	-1.8113e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	-2.0792e+01	6.4676e-03	-6.9770e-01
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	-2.1304e+01	2.6038e+00	1.0512e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	-2.5163e+00	1.1373e+00	-1.3599e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-9.5340e+00	-1.5897e+00	-3.1670e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	-1.8728e+01	8.6786e-01	-7.5596e-01
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	-2.8247e+01	9.0278e-01	-5.3368e-01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-2.3346e+01	7.6821e-01	-6.2468e-01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	-2.3411e+01	1.0661e+00	-7.9237e-01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	-2.8349e+01	1.2957e+00	-7.0137e-01
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	-2.8002e+01	6.6545e-02	-2.9606e-01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-2.4041e+01	-2.3162e-01	-1.0464e-01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-2.3650e+01	-3.2336e-01	-6.7713e-01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-2.8041e+01	6.2161e-01	-8.6856e-01

1062 1543 0.0000e+00 0.0000e+00 0.0000e+00 -2.8112e+01 -1.0159e-01 -1.5822e-01  
1549 0.0000e+00 0.0000e+00 0.0000e+00 -2.4436e+01 -3.2819e-01 1.9561e-02  
1550 0.0000e+00 0.0000e+00 0.0000e+00 -2.4114e+01 -3.9303e-01 -3.1252e-01  
1544 0.0000e+00 0.0000e+00 0.0000e+00 -2.8107e+01 1.0147e-01 -4.9030e-01

1063 1542 0.0000e+00 0.0000e+00 0.0000e+00 -2.8134e+01 -2.9163e-02 -8.5472e-02  
1548 0.0000e+00 0.0000e+00 0.0000e+00 -2.4445e+01 -2.8441e-01 -1.0461e-01  
1549 0.0000e+00 0.0000e+00 0.0000e+00 -2.4456e+01 -3.1215e-01 -3.3437e-01  
1543 0.0000e+00 0.0000e+00 0.0000e+00 -2.8158e+01 -6.8493e-02 -3.1523e-01

1064 1541 0.0000e+00 0.0000e+00 0.0000e+00 -2.8017e+01 2.4756e-01 7.6556e-02  
1547 0.0000e+00 0.0000e+00 0.0000e+00 -2.4054e+01 -2.4498e-01 -1.3956e-01  
1548 0.0000e+00 0.0000e+00 0.0000e+00 -2.4398e+01 -2.3681e-01 -4.5997e-01  
1542 0.0000e+00 0.0000e+00 0.0000e+00 -2.8071e+01 -3.3610e-02 -2.4385e-01

1065 1540 0.0000e+00 0.0000e+00 0.0000e+00 -2.7883e+01 8.7304e-01 4.3033e-01  
1546 0.0000e+00 0.0000e+00 0.0000e+00 -2.3539e+01 -5.7157e-02 1.9908e-01  
1547 0.0000e+00 0.0000e+00 0.0000e+00 -2.3955e+01 -2.6159e-02 -3.5234e-01  
1541 0.0000e+00 0.0000e+00 0.0000e+00 -2.7893e+01 2.4102e-01 -1.2109e-01

1066 1202 0.0000e+00 0.0000e+00 0.0000e+00 -2.8117e+01 1.6556e+00 2.3757e-01  
1212 0.0000e+00 0.0000e+00 0.0000e+00 -2.3255e+01 1.4433e+00 2.8871e-01  
1546 0.0000e+00 0.0000e+00 0.0000e+00 -2.3213e+01 1.0758e+00 1.4290e-01  
1540 0.0000e+00 0.0000e+00 0.0000e+00 -2.8065e+01 1.1801e+00 9.1757e-02

1067 1539 0.0000e+00 0.0000e+00 0.0000e+00 -2.9010e+01 6.9492e-01 -4.4894e-01  
1545 0.0000e+00 0.0000e+00 0.0000e+00 -2.9009e+01 7.3329e-01 -6.1783e-01  
1266 0.0000e+00 0.0000e+00 0.0000e+00 -2.9201e+01 1.0344e+00 -5.3073e-01  
1255 0.0000e+00 0.0000e+00 0.0000e+00 -2.9129e+01 8.8365e-01 -3.6185e-01

1068 1538 0.0000e+00 0.0000e+00 0.0000e+00 -2.8752e+01 2.2881e-01 -3.5793e-01  
1544 0.0000e+00 0.0000e+00 0.0000e+00 -2.8907e+01 1.3149e-01 -5.1383e-01  
1545 0.0000e+00 0.0000e+00 0.0000e+00 -2.9039e+01 4.5407e-01 -5.9338e-01  
1539 0.0000e+00 0.0000e+00 0.0000e+00 -2.8907e+01 5.2947e-01 -4.3748e-01

1069 1537 0.0000e+00 0.0000e+00 0.0000e+00 -2.8606e+01 -5.3781e-02 -2.3852e-01  
1543 0.0000e+00 0.0000e+00 0.0000e+00 -2.8924e+01 -1.0991e-01 -2.8783e-01  
1544 0.0000e+00 0.0000e+00 0.0000e+00 -2.8913e+01 -4.2249e-02 -3.9215e-01  
1538 0.0000e+00 0.0000e+00 0.0000e+00 -2.8708e+01 1.2816e-01 -3.4285e-01

1070 1536 0.0000e+00 0.0000e+00 0.0000e+00 -2.8567e+01 -3.8222e-02 -1.2162e-01  
1542 0.0000e+00 0.0000e+00 0.0000e+00 -2.8894e+01 -1.2042e-01 -1.4733e-01  
1543 0.0000e+00 0.0000e+00 0.0000e+00 -2.8916e+01 -1.6477e-01 -2.2715e-01  
1537 0.0000e+00 0.0000e+00 0.0000e+00 -2.8593e+01 -7.3636e-02 -2.0144e-01

1071 1535 0.0000e+00 0.0000e+00 0.0000e+00 -2.8604e+01 2.5760e-01 9.1741e-03  
1541 0.0000e+00 0.0000e+00 0.0000e+00 -2.8817e+01 1.0563e-01 6.3275e-03  
1542 0.0000e+00 0.0000e+00 0.0000e+00 -2.8872e+01 -5.0691e-02 -8.8730e-02  
1536 0.0000e+00 0.0000e+00 0.0000e+00 -2.8553e+01 3.7540e-03 -8.5883e-02

1072 1534 0.0000e+00 0.0000e+00 0.0000e+00 -2.8721e+01 7.5690e-01 8.3877e-02  
1540 0.0000e+00 0.0000e+00 0.0000e+00 -2.8866e+01 7.0545e-01 1.8575e-01  
1541 0.0000e+00 0.0000e+00 0.0000e+00 -2.8781e+01 2.9426e-01 1.2228e-01  
1535 0.0000e+00 0.0000e+00 0.0000e+00 -2.8619e+01 3.8063e-01 2.0406e-02

1073 1192 0.0000e+00 0.0000e+00 0.0000e+00 -2.8858e+01 1.2163e+00 -1.7414e-02  
1202 0.0000e+00 0.0000e+00 0.0000e+00 -2.8952e+01 1.3944e+00 9.7040e-02  
1540 0.0000e+00 0.0000e+00 0.0000e+00 -2.8806e+01 1.0001e+00 2.0419e-01  
1534 0.0000e+00 0.0000e+00 0.0000e+00 -2.8794e+01 9.4557e-01 8.9740e-02

1074 1533 0.0000e+00 0.0000e+00 0.0000e+00 -2.5797e+01 6.1106e-01 -2.9668e-01  
1539 0.0000e+00 0.0000e+00 0.0000e+00 -2.8413e+01 7.7594e-01 -4.4553e-01  
1255 0.0000e+00 0.0000e+00 0.0000e+00 -2.8577e+01 9.5166e-01 -2.8652e-01  
1244 0.0000e+00 0.0000e+00 0.0000e+00 -2.5906e+01 7.7126e-01 -1.3768e-01

1075 1532 0.0000e+00 0.0000e+00 0.0000e+00 -2.5561e+01 2.3728e-01 -2.2331e-01  
1538 0.0000e+00 0.0000e+00 0.0000e+00 -2.8199e+01 3.7131e-01 -4.1654e-01  
1539 0.0000e+00 0.0000e+00 0.0000e+00 -2.8375e+01 6.3113e-01 -2.8875e-01  
1533 0.0000e+00 0.0000e+00 0.0000e+00 -2.5740e+01 4.8768e-01 -9.5522e-02

1076 1531 0.0000e+00 0.0000e+00 0.0000e+00 -2.5388e+01 -3.5044e-02 -1.9019e-01  
1537 0.0000e+00 0.0000e+00 0.0000e+00 -2.8055e+01 1.0528e-01 -3.1557e-01  
1538 0.0000e+00 0.0000e+00 0.0000e+00 -2.8161e+01 2.4098e-01 -1.9645e-01  
1532 0.0000e+00 0.0000e+00 0.0000e+00 -2.5512e+01 1.2263e-01 -7.1064e-02

1077 1530 0.0000e+00 0.0000e+00 0.0000e+00 -2.5337e+01 -4.0977e-02 -1.7977e-01  
1536 0.0000e+00 0.0000e+00 0.0000e+00 -2.8005e+01 9.4843e-02 -2.0731e-01  
1537 0.0000e+00 0.0000e+00 0.0000e+00 -2.8030e+01 5.9569e-02 -8.3463e-02

	1531	0.0000e+00	0.0000e+00	0.0000e+00	-2.5363e+01	-7.3544e-02	-5.5923e-02
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	-2.5408e+01	2.3797e-01	-1.7325e-01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	-2.8054e+01	3.6682e-01	-1.0362e-01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	-2.7998e+01	1.5932e-01	2.2801e-02
	1530	0.0000e+00	0.0000e+00	0.0000e+00	-2.5336e+01	1.3644e-02	-4.6829e-02
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	-2.5557e+01	6.9245e-01	-1.6653e-01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	-2.8184e+01	8.5236e-01	-3.0154e-02
	1535	0.0000e+00	0.0000e+00	0.0000e+00	-2.8059e+01	5.1672e-01	1.1109e-01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	-2.5430e+01	3.6992e-01	-2.5290e-02
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	-2.5641e+01	1.0781e+00	-1.4826e-01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-2.8301e+01	1.2767e+00	-5.6467e-02
	1534	0.0000e+00	0.0000e+00	0.0000e+00	-2.8189e+01	1.0189e+00	1.1942e-01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	-2.5584e+01	8.3551e-01	2.7624e-02
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	-2.0784e+01	6.8721e-01	-9.1694e-02
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-2.4526e+01	8.5637e-01	-2.4228e-01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	-2.4667e+01	1.0128e+00	-1.1889e-01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-2.0921e+01	9.1402e-01	3.1696e-02
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	-2.0561e+01	1.9932e-01	-1.3086e-02
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-2.4283e+01	4.6451e-01	-2.1636e-01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-2.4450e+01	7.1811e-01	-5.2569e-03
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-2.0769e+01	5.2491e-01	1.9802e-01
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	-2.0422e+01	-1.1562e-01	-9.6296e-02
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-2.4099e+01	1.8197e-01	-2.2490e-01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-2.4220e+01	3.4248e-01	4.3180e-02
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-2.0538e+01	5.7942e-02	1.7179e-01
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	-2.0384e+01	-1.3602e-01	-2.1971e-01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	-2.4045e+01	1.7123e-01	-2.4434e-01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-2.4069e+01	1.4176e-01	3.9014e-02
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-2.0405e+01	-1.6627e-01	6.3638e-02
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	-2.0449e+01	1.6134e-01	-3.3370e-01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	-2.4118e+01	4.5151e-01	-2.5568e-01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	-2.4046e+01	2.3014e-01	1.7575e-02
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-2.0377e+01	-7.3045e-02	-6.0445e-02
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	-2.0609e+01	7.0677e-01	-3.7477e-01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	-2.4268e+01	9.1368e-01	-2.2423e-01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	-2.4151e+01	5.9284e-01	-1.6416e-03
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-2.0449e+01	3.1642e-01	-1.5219e-01
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	-2.0691e+01	1.1948e+00	-2.3294e-01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	-2.4405e+01	1.3082e+00	-1.3350e-01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	-2.4314e+01	1.0744e+00	5.4031e-03
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-2.0599e+01	8.8625e-01	-9.4040e-02
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.5360e+01	9.3619e-01	1.8355e-01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.9344e+01	1.0236e+00	4.3915e-03
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-1.9477e+01	1.2605e+00	-1.7555e-03
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-1.5557e+01	1.3613e+00	1.7740e-01
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.5268e+01	1.2038e-01	1.7544e-01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.9051e+01	4.2321e-01	3.2022e-03
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.9195e+01	8.0223e-01	2.7998e-01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.5441e+01	5.0405e-01	4.5222e-01
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.5265e+01	-2.7298e-01	-3.5352e-02
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.8887e+01	7.7783e-02	-1.0470e-01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.8992e+01	2.9746e-01	2.4515e-01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.5288e+01	-1.1146e-01	3.1450e-01
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.5250e+01	-3.0557e-01	-2.2186e-01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.8851e+01	7.0970e-02	-2.3976e-01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.8870e+01	4.6129e-02	1.0913e-01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.5264e+01	-3.3491e-01	1.2703e-01
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.5228e+01	-1.2478e-02	-4.0971e-01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.8909e+01	3.9312e-01	-3.7838e-01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.8845e+01	1.2295e-01	-2.7863e-02
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.5234e+01	-2.3258e-01	-5.9198e-02
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.5320e+01	6.6765e-01	-5.5363e-01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.9044e+01	9.7359e-01	-4.2682e-01

	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.8941e+01	5.3775e-01	-1.4256e-01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.5189e+01	2.2644e-01	-2.6937e-01
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-1.5385e+01	1.6122e+00	-3.1012e-01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.9254e+01	1.5267e+00	-1.7209e-01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.9162e+01	1.2150e+00	-1.5901e-01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.5222e+01	1.1011e+00	-2.9705e-01
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	-1.0353e+01	4.2138e-01	2.3402e-01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.3841e+01	1.2376e+00	1.3639e-01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-1.4495e+01	1.8157e+00	1.5913e-01
	15	0.0000e+00	0.0000e+00	0.0000e+00	-9.8784e+00	2.5826e+00	2.5677e-01
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	-1.0942e+01	-1.0270e-01	-2.5655e-02
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.3773e+01	1.6566e-01	1.3608e-01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.3797e+01	8.4507e-01	4.5944e-01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-1.0620e+01	4.1128e-01	2.9770e-01
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	-1.1164e+01	-4.0389e-01	-9.4974e-02
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.3874e+01	-1.5865e-01	-1.6874e-02
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.3848e+01	1.1908e-01	2.5106e-01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-1.1047e+01	-2.1748e-01	1.7296e-01
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	-1.1184e+01	-4.0744e-01	-1.5432e-01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.3884e+01	-1.3774e-01	-1.6389e-01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.3896e+01	-1.6067e-01	8.6531e-02
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-1.1191e+01	-4.3474e-01	9.6095e-02
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.1018e+01	-1.2013e-01	-2.2993e-01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.3799e+01	2.0935e-01	-3.2696e-01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.3849e+01	-1.1192e-01	-6.0827e-02
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-1.1146e+01	-3.6033e-01	3.6202e-02
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	-1.0577e+01	5.7036e-01	-3.5162e-01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.3703e+01	9.9344e-01	-5.3282e-01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.3711e+01	2.7931e-01	-2.1429e-01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.0903e+01	1.0712e-02	-3.3089e-02
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-9.8134e+00	2.6981e+00	-3.3550e-01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-1.4308e+01	2.0451e+00	-2.8334e-01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.3716e+01	1.3867e+00	-2.2623e-01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-1.0309e+01	6.0973e-01	-2.7839e-01
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	-1.0236e+01	-7.8004e+00	1.9413e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-4.4984e+00	-1.4927e+01	1.8158e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-8.4083e-01	2.0227e+00	1.7338e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-1.6205e+01	-3.3222e+00	1.8592e+01
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	-1.2698e+01	-1.2582e+01	1.5586e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-1.5810e+00	-1.4773e+01	1.4863e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-3.0726e+00	-4.7334e+00	1.6758e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-1.2539e+01	-1.1041e+01	1.7482e+01
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	-1.3964e+01	-1.3855e+01	1.1621e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-1.0017e+00	-1.4353e+01	1.1672e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-9.5968e-01	-8.8654e+00	1.3729e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-1.3913e+01	-1.3829e+01	1.3678e+01
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	-1.5117e+01	-1.3847e+01	7.8616e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-1.9550e+00	-1.2931e+01	8.6469e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-1.1145e+00	-1.1503e+01	1.0360e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-1.4511e+01	-1.4306e+01	9.5742e+00
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	-1.6342e+01	-1.2906e+01	4.8101e+00
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-3.6589e+00	-1.0985e+01	6.0135e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-2.4943e+00	-1.2804e+01	7.2829e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	-1.5290e+01	-1.3640e+01	6.0795e+00
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	-1.7502e+01	-1.1398e+01	2.5169e+00
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-5.5442e+00	-8.8844e+00	3.8324e+00
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-4.3938e+00	-1.2984e+01	4.6737e+00
	1501	0.0000e+00	0.0000e+00	0.0000e+00	-1.6229e+01	-1.2296e+01	3.3581e+00
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	-1.8396e+01	-9.6177e+00	9.1645e-01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-7.2072e+00	-6.8752e+00	2.0815e+00
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-6.2998e+00	-1.2332e+01	2.5492e+00
	1500	0.0000e+00	0.0000e+00	0.0000e+00	-1.7157e+01	-1.0606e+01	1.3842e+00
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	-1.8758e+01	-7.7510e+00	-6.0238e-02



	1508	0.0000e+00	0.0000e+00	0.0000e+00	-8.3018e+00	-5.0862e+00	6.8933e-01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-7.8438e+00	-1.1172e+01	8.3962e-01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	-1.7835e+01	-8.8338e+00	9.0052e-02
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	-1.8013e+01	-5.5924e+00	-2.8250e-01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-8.4016e+00	-3.4574e+00	-3.6078e-01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-8.6849e+00	-9.8661e+00	-5.8328e-01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	-1.7874e+01	-7.2479e+00	-5.0500e-01
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	-2.0329e+01	-2.1885e+00	9.4555e-01
	32	0.0000e+00	0.0000e+00	0.0000e+00	-1.6337e+00	-1.0408e+00	-5.9667e-01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-8.1858e+00	-9.6010e+00	-2.3105e+00
	1497	0.0000e+00	0.0000e+00	0.0000e+00	-1.6617e+01	-4.7319e+00	-7.6828e-01
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	-1.4343e+01	-1.0367e+01	1.5168e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-1.3085e+01	-1.0640e+01	1.7361e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-7.2964e+00	-1.3579e+00	1.6772e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-1.6094e+01	-3.5172e-01	1.4579e+01
1113	1494	0.0000e+00	0.0000e+00	0.0000e+00	-1.8906e+01	-1.7105e+01	1.2412e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-1.5055e+01	-1.4748e+01	1.4344e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-1.3986e+01	-1.1714e+01	1.6056e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	-1.6415e+01	-1.3073e+01	1.4123e+01
1114	1493	0.0000e+00	0.0000e+00	0.0000e+00	-2.1773e+01	-1.8358e+01	9.2723e+00
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-1.6694e+01	-1.6007e+01	1.0749e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-1.5630e+01	-1.5221e+01	1.2976e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-2.0117e+01	-1.7706e+01	1.1499e+01
1115	1492	0.0000e+00	0.0000e+00	0.0000e+00	-2.3541e+01	-1.7545e+01	6.1494e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	-1.8031e+01	-1.5560e+01	7.2682e+00
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-1.7223e+01	-1.5972e+01	9.2792e+00
	1493	0.0000e+00	0.0000e+00	0.0000e+00	-2.2288e+01	-1.8354e+01	8.1605e+00
1116	1491	0.0000e+00	0.0000e+00	0.0000e+00	-2.4620e+01	-1.5662e+01	3.5733e+00
	1501	0.0000e+00	0.0000e+00	0.0000e+00	-1.9223e+01	-1.4240e+01	4.4717e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	-1.8477e+01	-1.5237e+01	6.0019e+00
	1492	0.0000e+00	0.0000e+00	0.0000e+00	-2.3712e+01	-1.7138e+01	5.1036e+00
1117	1490	0.0000e+00	0.0000e+00	0.0000e+00	-2.5297e+01	-1.3285e+01	1.6890e+00
	1500	0.0000e+00	0.0000e+00	0.0000e+00	-2.0249e+01	-1.2445e+01	2.4124e+00
	1501	0.0000e+00	0.0000e+00	0.0000e+00	-1.9581e+01	-1.3669e+01	3.4302e+00
	1491	0.0000e+00	0.0000e+00	0.0000e+00	-2.4633e+01	-1.5039e+01	2.7068e+00
1118	1489	0.0000e+00	0.0000e+00	0.0000e+00	-2.5706e+01	-1.0732e+01	5.0913e-01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	-2.1022e+01	-1.0461e+01	1.0445e+00
	1500	0.0000e+00	0.0000e+00	0.0000e+00	-2.0512e+01	-1.1695e+01	1.5785e+00
	1490	0.0000e+00	0.0000e+00	0.0000e+00	-2.5231e+01	-1.2583e+01	1.0432e+00
1119	1488	0.0000e+00	0.0000e+00	0.0000e+00	-2.5962e+01	-8.1397e+00	1.8993e-02
	1498	0.0000e+00	0.0000e+00	0.0000e+00	-2.1409e+01	-8.4843e+00	3.4761e-01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	-2.1181e+01	-9.5891e+00	3.9858e-01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	-2.5585e+01	-1.0044e+01	6.9969e-02
1120	1487	0.0000e+00	0.0000e+00	0.0000e+00	-2.6196e+01	-5.4523e+00	1.3945e-01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	-2.1606e+01	-6.4796e+00	4.0760e-01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	-2.1474e+01	-7.4008e+00	-2.3786e-02
	1488	0.0000e+00	0.0000e+00	0.0000e+00	-2.5833e+01	-7.4914e+00	-2.9193e-01
1121	1426	0.0000e+00	0.0000e+00	0.0000e+00	-2.6794e+01	-2.9168e+00	-2.4555e-02
	1437	0.0000e+00	0.0000e+00	0.0000e+00	-2.1903e+01	-3.3586e+00	4.5728e-01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	-2.1399e+01	-4.5097e+00	2.8089e-01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	-2.6410e+01	-4.5685e+00	-2.0094e-01
1122	1485	0.0000e+00	0.0000e+00	0.0000e+00	-1.5322e+01	-1.1640e+01	1.0692e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	-1.5367e+01	-1.1543e+01	1.2930e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-1.1193e+01	3.2083e-01	1.3118e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	-1.5372e+01	1.0037e-02	1.0879e+01
1123	1484	0.0000e+00	0.0000e+00	0.0000e+00	-1.9457e+01	-1.9806e+01	8.8196e+00
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-1.9133e+01	-1.8142e+01	1.1199e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	-1.6955e+01	-1.3620e+01	1.2389e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	-1.7252e+01	-1.4539e+01	1.0009e+01
1124	1483	0.0000e+00	0.0000e+00	0.0000e+00	-2.2598e+01	-2.1629e+01	6.6349e+00
	1493	0.0000e+00	0.0000e+00	0.0000e+00	-2.1976e+01	-1.9705e+01	8.6106e+00
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-2.0104e+01	-1.8590e+01	1.0343e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-2.0831e+01	-2.0428e+01	8.3677e+00

1125 1482 0.0000e+00 0.0000e+00 0.0000e+00 -2.4693e+01 -2.0534e+01 4.3515e+00  
1492 0.0000e+00 0.0000e+00 0.0000e+00 -2.3879e+01 -1.8729e+01 5.7676e+00  
1493 0.0000e+00 0.0000e+00 0.0000e+00 -2.2644e+01 -1.9380e+01 7.5367e+00  
1483 0.0000e+00 0.0000e+00 0.0000e+00 -2.3320e+01 -2.1416e+01 6.1206e+00

1126 1481 0.0000e+00 0.0000e+00 0.0000e+00 -2.5946e+01 -1.8014e+01 2.3659e+00  
1491 0.0000e+00 0.0000e+00 0.0000e+00 -2.5131e+01 -1.6570e+01 3.3439e+00  
1492 0.0000e+00 0.0000e+00 0.0000e+00 -2.4313e+01 -1.8110e+01 4.8282e+00  
1482 0.0000e+00 0.0000e+00 0.0000e+00 -2.4963e+01 -1.9889e+01 3.8503e+00

1127 1480 0.0000e+00 0.0000e+00 0.0000e+00 -2.6648e+01 -1.4915e+01 8.7819e-01  
1490 0.0000e+00 0.0000e+00 0.0000e+00 -2.5951e+01 -1.3916e+01 1.5551e+00  
1491 0.0000e+00 0.0000e+00 0.0000e+00 -2.5404e+01 -1.5851e+01 2.6265e+00  
1481 0.0000e+00 0.0000e+00 0.0000e+00 -2.5949e+01 -1.7179e+01 1.9495e+00

1128 1479 0.0000e+00 0.0000e+00 0.0000e+00 -2.7039e+01 -1.1679e+01 -5.1305e-02  
1489 0.0000e+00 0.0000e+00 0.0000e+00 -2.6487e+01 -1.1140e+01 4.3534e-01  
1490 0.0000e+00 0.0000e+00 0.0000e+00 -2.6114e+01 -1.3175e+01 1.0731e+00  
1480 0.0000e+00 0.0000e+00 0.0000e+00 -2.6516e+01 -1.4021e+01 5.8641e-01

1129 1478 0.0000e+00 0.0000e+00 0.0000e+00 -2.7318e+01 -8.5253e+00 -4.6921e-01  
1488 0.0000e+00 0.0000e+00 0.0000e+00 -2.6864e+01 -8.3857e+00 -6.8578e-02  
1489 0.0000e+00 0.0000e+00 0.0000e+00 -2.6575e+01 -1.0390e+01 1.8037e-01  
1479 0.0000e+00 0.0000e+00 0.0000e+00 -2.6868e+01 -1.0791e+01 -2.2027e-01

1130 1477 0.0000e+00 0.0000e+00 0.0000e+00 -2.7609e+01 -5.6095e+00 -5.6972e-01  
1487 0.0000e+00 0.0000e+00 0.0000e+00 -2.7306e+01 -5.5975e+00 -1.2594e-01  
1488 0.0000e+00 0.0000e+00 0.0000e+00 -2.6902e+01 -7.6234e+00 -1.0586e-01  
1478 0.0000e+00 0.0000e+00 0.0000e+00 -2.7196e+01 -7.6550e+00 -5.4964e-01

1131 1415 0.0000e+00 0.0000e+00 0.0000e+00 -2.7915e+01 -3.2013e+00 -6.0436e-01  
1426 0.0000e+00 0.0000e+00 0.0000e+00 -2.7729e+01 -3.0903e+00 -1.9139e-01  
1487 0.0000e+00 0.0000e+00 0.0000e+00 -2.7297e+01 -4.8278e+00 -1.5815e-01  
1477 0.0000e+00 0.0000e+00 0.0000e+00 -2.7586e+01 -4.7890e+00 -5.7111e-01

1132 1475 0.0000e+00 0.0000e+00 0.0000e+00 -1.5000e+01 -1.2787e+01 6.7222e+00  
1485 0.0000e+00 0.0000e+00 0.0000e+00 -1.5453e+01 -1.2029e+01 8.4790e+00  
1486 0.0000e+00 0.0000e+00 0.0000e+00 -1.3429e+01 -2.0642e-01 9.2483e+00  
1476 0.0000e+00 0.0000e+00 0.0000e+00 -1.3787e+01 -1.1186e+00 7.4915e+00

1133 1474 0.0000e+00 0.0000e+00 0.0000e+00 -1.8050e+01 -2.1295e+01 5.5616e+00  
1484 0.0000e+00 0.0000e+00 0.0000e+00 -1.9136e+01 -2.0086e+01 7.4862e+00  
1485 0.0000e+00 0.0000e+00 0.0000e+00 -1.7128e+01 -1.5076e+01 8.3079e+00  
1475 0.0000e+00 0.0000e+00 0.0000e+00 -1.6512e+01 -1.5651e+01 6.3833e+00

1134 1473 0.0000e+00 0.0000e+00 0.0000e+00 -2.0579e+01 -2.3660e+01 4.1739e+00  
1483 0.0000e+00 0.0000e+00 0.0000e+00 -2.1999e+01 -2.2184e+01 5.9385e+00  
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1474 0.0000e+00 0.0000e+00 0.0000e+00 -1.9160e+01 -2.2093e+01 5.3252e+00

1135 1472 0.0000e+00 0.0000e+00 0.0000e+00 -2.2404e+01 -2.2588e+01 2.6769e+00  
1482 0.0000e+00 0.0000e+00 0.0000e+00 -2.3975e+01 -2.1125e+01 4.0400e+00  
1483 0.0000e+00 0.0000e+00 0.0000e+00 -2.2644e+01 -2.2077e+01 5.3331e+00  
1473 0.0000e+00 0.0000e+00 0.0000e+00 -2.1224e+01 -2.3421e+01 3.9700e+00

1136 1471 0.0000e+00 0.0000e+00 0.0000e+00 -2.3561e+01 -1.9745e+01 1.2999e+00  
1481 0.0000e+00 0.0000e+00 0.0000e+00 -2.5240e+01 -1.8503e+01 2.2698e+00  
1482 0.0000e+00 0.0000e+00 0.0000e+00 -2.4347e+01 -2.0467e+01 3.4642e+00  
1472 0.0000e+00 0.0000e+00 0.0000e+00 -2.2667e+01 -2.1819e+01 2.4943e+00

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1481 0.0000e+00 0.0000e+00 0.0000e+00 -2.5430e+01 -1.7613e+01 1.8360e+00  
1471 0.0000e+00 0.0000e+00 0.0000e+00 -2.3570e+01 -1.8749e+01 1.1675e+00

1138 1469 0.0000e+00 0.0000e+00 0.0000e+00 -2.4579e+01 -1.2439e+01 -5.0413e-01  
1479 0.0000e+00 0.0000e+00 0.0000e+00 -2.6494e+01 -1.1836e+01 -2.0533e-02  
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1470 0.0000e+00 0.0000e+00 0.0000e+00 -2.4092e+01 -1.5109e+01 1.5364e-01

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1477 0.0000e+00 0.0000e+00 0.0000e+00 -2.7200e+01 -5.5239e+00 -6.0058e-01  
1478 0.0000e+00 0.0000e+00 0.0000e+00 -2.6853e+01 -7.6534e+00 -4.0728e-01

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1477 0.0000e+00 0.0000e+00 0.0000e+00 -2.7185e+01 -4.7659e+00 -4.9903e-01  
1467 0.0000e+00 0.0000e+00 0.0000e+00 -2.4913e+01 -4.8689e+00 -7.8511e-01

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1475 0.0000e+00 0.0000e+00 0.0000e+00 -1.4562e+01 -1.2703e+01 4.9461e+00  
1476 0.0000e+00 0.0000e+00 0.0000e+00 -1.4255e+01 -1.7550e+00 5.7921e+00  
1466 0.0000e+00 0.0000e+00 0.0000e+00 -1.1964e+01 -2.6104e+00 4.5893e+00

1143 1464 0.0000e+00 0.0000e+00 0.0000e+00 -1.5780e+01 -2.2082e+01 3.2415e+00  
1474 0.0000e+00 0.0000e+00 0.0000e+00 -1.7456e+01 -2.1248e+01 4.4318e+00  
1475 0.0000e+00 0.0000e+00 0.0000e+00 -1.5989e+01 -1.6080e+01 4.9681e+00  
1465 0.0000e+00 0.0000e+00 0.0000e+00 -1.5054e+01 -1.6410e+01 3.7778e+00

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1473 0.0000e+00 0.0000e+00 0.0000e+00 -1.9668e+01 -2.3747e+01 3.5714e+00  
1474 0.0000e+00 0.0000e+00 0.0000e+00 -1.8316e+01 -2.2523e+01 4.3166e+00  
1464 0.0000e+00 0.0000e+00 0.0000e+00 -1.6576e+01 -2.3079e+01 3.0949e+00

1145 1462 0.0000e+00 0.0000e+00 0.0000e+00 -1.8789e+01 -2.3850e+01 1.3769e+00  
1472 0.0000e+00 0.0000e+00 0.0000e+00 -2.1277e+01 -2.2766e+01 2.4405e+00  
1473 0.0000e+00 0.0000e+00 0.0000e+00 -2.0168e+01 -2.3819e+01 3.3286e+00  
1463 0.0000e+00 0.0000e+00 0.0000e+00 -1.7939e+01 -2.4664e+01 2.2650e+00

1146 1461 0.0000e+00 0.0000e+00 0.0000e+00 -1.9659e+01 -2.0887e+01 4.6942e-01  
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1472 0.0000e+00 0.0000e+00 0.0000e+00 -2.1537e+01 -2.2140e+01 2.1639e+00  
1462 0.0000e+00 0.0000e+00 0.0000e+00 -1.8962e+01 -2.3067e+01 1.3467e+00

1147 1460 0.0000e+00 0.0000e+00 0.0000e+00 -2.0144e+01 -1.7054e+01 -2.7165e-01  
1470 0.0000e+00 0.0000e+00 0.0000e+00 -2.2991e+01 -1.6251e+01 3.1024e-01  
1471 0.0000e+00 0.0000e+00 0.0000e+00 -2.2436e+01 -1.8962e+01 1.0718e+00  
1461 0.0000e+00 0.0000e+00 0.0000e+00 -1.9626e+01 -1.9812e+01 4.8986e-01

1148 1459 0.0000e+00 0.0000e+00 0.0000e+00 -2.0369e+01 -1.3031e+01 -8.0858e-01  
1469 0.0000e+00 0.0000e+00 0.0000e+00 -2.3372e+01 -1.2415e+01 -3.9094e-01  
1470 0.0000e+00 0.0000e+00 0.0000e+00 -2.2980e+01 -1.5204e+01 2.0968e-01  
1460 0.0000e+00 0.0000e+00 0.0000e+00 -1.9992e+01 -1.5892e+01 -2.0797e-01

1149 1458 0.0000e+00 0.0000e+00 0.0000e+00 -2.0478e+01 -9.1724e+00 -1.1354e+00  
1468 0.0000e+00 0.0000e+00 0.0000e+00 -2.3638e+01 -8.7447e+00 -7.9436e-01  
1469 0.0000e+00 0.0000e+00 0.0000e+00 -2.3318e+01 -1.1383e+01 -3.6477e-01  
1459 0.0000e+00 0.0000e+00 0.0000e+00 -2.0170e+01 -1.1888e+01 -7.0578e-01

1150 1457 0.0000e+00 0.0000e+00 0.0000e+00 -2.0588e+01 -5.6781e+00 -1.2219e+00  
1467 0.0000e+00 0.0000e+00 0.0000e+00 -2.3867e+01 -5.4751e+00 -9.0406e-01  
1468 0.0000e+00 0.0000e+00 0.0000e+00 -2.3590e+01 -7.7882e+00 -6.6191e-01  
1458 0.0000e+00 0.0000e+00 0.0000e+00 -2.0280e+01 -8.1111e+00 -9.7970e-01

1151 1393 0.0000e+00 0.0000e+00 0.0000e+00 -2.0625e+01 -2.8665e+00 -9.7908e-01  
1404 0.0000e+00 0.0000e+00 0.0000e+00 -2.4033e+01 -2.8758e+00 -7.5527e-01  
1467 0.0000e+00 0.0000e+00 0.0000e+00 -2.3838e+01 -4.6642e+00 -7.1210e-01  
1457 0.0000e+00 0.0000e+00 0.0000e+00 -2.0407e+01 -4.7673e+00 -9.3591e-01

1152 1455 0.0000e+00 0.0000e+00 0.0000e+00 -1.2235e+01 -1.3691e+01 1.8805e+00  
1465 0.0000e+00 0.0000e+00 0.0000e+00 -1.3309e+01 -1.3149e+01 2.5256e+00  
1466 0.0000e+00 0.0000e+00 0.0000e+00 -1.4126e+01 -3.2632e+00 2.8283e+00  
1456 0.0000e+00 0.0000e+00 0.0000e+00 -1.0229e+01 -3.3784e+00 2.1831e+00

1153 1454 0.0000e+00 0.0000e+00 0.0000e+00 -1.3132e+01 -2.2472e+01 1.9836e+00  
1464 0.0000e+00 0.0000e+00 0.0000e+00 -1.5140e+01 -2.1903e+01 2.3883e+00  
1465 0.0000e+00 0.0000e+00 0.0000e+00 -1.4224e+01 -1.6699e+01 2.7179e+00  
1455 0.0000e+00 0.0000e+00 0.0000e+00 -1.3302e+01 -1.6846e+01 2.3132e+00

1154 1453 0.0000e+00 0.0000e+00 0.0000e+00 -1.4261e+01 -2.5479e+01 1.1629e+00  
1463 0.0000e+00 0.0000e+00 0.0000e+00 -1.6484e+01 -2.4723e+01 1.8832e+00  
1464 0.0000e+00 0.0000e+00 0.0000e+00 -1.5719e+01 -2.3345e+01 2.4554e+00  
1454 0.0000e+00 0.0000e+00 0.0000e+00 -1.3700e+01 -2.3830e+01 1.7352e+00

1155 1452 0.0000e+00 0.0000e+00 0.0000e+00 -1.5132e+01 -2.4575e+01 5.0059e-01  
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1453 0.0000e+00 0.0000e+00 0.0000e+00 -1.4548e+01 -2.5456e+01 1.1096e+00

1156 1451 0.0000e+00 0.0000e+00 0.0000e+00 -1.5684e+01 -2.1562e+01 -5.7133e-02  
1461 0.0000e+00 0.0000e+00 0.0000e+00 -1.8373e+01 -2.0866e+01 5.4588e-01

1462 0.0000e+00 0.0000e+00 0.0000e+00 -1.7752e+01 -2.3224e+01 1.1427e+00  
1452 0.0000e+00 0.0000e+00 0.0000e+00 -1.5194e+01 -2.3824e+01 5.3973e-01

1157 1450 0.0000e+00 0.0000e+00 0.0000e+00 -1.5927e+01 -1.7612e+01 -5.0993e-01  
1460 0.0000e+00 0.0000e+00 0.0000e+00 -1.8799e+01 -1.6993e+01 -8.4344e-02  
1461 0.0000e+00 0.0000e+00 0.0000e+00 -1.8360e+01 -1.9900e+01 4.6329e-01  
1451 0.0000e+00 0.0000e+00 0.0000e+00 -1.5583e+01 -2.0470e+01 3.7700e-02

1158 1449 0.0000e+00 0.0000e+00 0.0000e+00 -1.5927e+01 -1.3452e+01 -8.6456e-01  
1459 0.0000e+00 0.0000e+00 0.0000e+00 -1.8986e+01 -1.2906e+01 -5.9266e-01  
1460 0.0000e+00 0.0000e+00 0.0000e+00 -1.8689e+01 -1.5913e+01 -1.1024e-01  
1450 0.0000e+00 0.0000e+00 0.0000e+00 -1.5724e+01 -1.6414e+01 -3.8214e-01

1159 1448 0.0000e+00 0.0000e+00 0.0000e+00 -1.5779e+01 -9.4590e+00 -1.1375e+00  
1458 0.0000e+00 0.0000e+00 0.0000e+00 -1.9063e+01 -8.9742e+00 -9.5578e-01  
1459 0.0000e+00 0.0000e+00 0.0000e+00 -1.8833e+01 -1.1844e+01 -5.3959e-01  
1449 0.0000e+00 0.0000e+00 0.0000e+00 -1.5674e+01 -1.2263e+01 -7.2130e-01

1160 1447 0.0000e+00 0.0000e+00 0.0000e+00 -1.5667e+01 -5.7241e+00 -1.2938e+00  
1457 0.0000e+00 0.0000e+00 0.0000e+00 -1.9137e+01 -5.3994e+00 -1.0999e+00  
1458 0.0000e+00 0.0000e+00 0.0000e+00 -1.8937e+01 -7.9784e+00 -8.0671e-01  
1448 0.0000e+00 0.0000e+00 0.0000e+00 -1.5509e+01 -8.2903e+00 -1.0007e+00

1161 1382 0.0000e+00 0.0000e+00 0.0000e+00 -1.5618e+01 -2.2630e+00 -1.0003e+00  
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1457 0.0000e+00 0.0000e+00 0.0000e+00 -1.9126e+01 -4.4639e+00 -8.4963e-01  
1447 0.0000e+00 0.0000e+00 0.0000e+00 -1.5366e+01 -4.5447e+00 -1.0639e+00

1162 782 0.0000e+00 0.0000e+00 0.0000e+00 -8.9343e+00 -1.5380e+01 1.9027e+00  
1455 0.0000e+00 0.0000e+00 0.0000e+00 -1.1588e+01 -1.2425e+01 9.7173e-01  
1456 0.0000e+00 0.0000e+00 0.0000e+00 -1.4136e+01 -3.6432e+00 -1.4140e-01  
22 0.0000e+00 0.0000e+00 0.0000e+00 -8.1010e+00 1.7296e+00 7.8959e-01

1163 781 0.0000e+00 0.0000e+00 0.0000e+00 -1.0721e+01 -2.3178e+01 8.1247e-01  
1454 0.0000e+00 0.0000e+00 0.0000e+00 -1.2187e+01 -2.2606e+01 1.1998e+00  
1455 0.0000e+00 0.0000e+00 0.0000e+00 -1.1883e+01 -1.6805e+01 1.7427e+00  
782 0.0000e+00 0.0000e+00 0.0000e+00 -1.0311e+01 -1.7411e+01 1.3553e+00

1164 780 0.0000e+00 0.0000e+00 0.0000e+00 -1.1683e+01 -2.5921e+01 2.9603e-01  
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1454 0.0000e+00 0.0000e+00 0.0000e+00 -1.2800e+01 -2.3927e+01 1.2368e+00  
781 0.0000e+00 0.0000e+00 0.0000e+00 -1.1214e+01 -2.4341e+01 7.0296e-01

1165 779 0.0000e+00 0.0000e+00 0.0000e+00 -1.2281e+01 -2.4937e+01 -4.0427e-02  
1452 0.0000e+00 0.0000e+00 0.0000e+00 -1.4136e+01 -2.4503e+01 4.7288e-01  
1453 0.0000e+00 0.0000e+00 0.0000e+00 -1.3596e+01 -2.5546e+01 8.2606e-01  
780 0.0000e+00 0.0000e+00 0.0000e+00 -1.1876e+01 -2.5880e+01 3.1276e-01

1166 778 0.0000e+00 0.0000e+00 0.0000e+00 -1.2576e+01 -2.1872e+01 -2.9223e-01  
1451 0.0000e+00 0.0000e+00 0.0000e+00 -1.4617e+01 -2.1466e+01 1.1468e-01  
1452 0.0000e+00 0.0000e+00 0.0000e+00 -1.4185e+01 -2.3882e+01 4.4684e-01  
779 0.0000e+00 0.0000e+00 0.0000e+00 -1.2259e+01 -2.4198e+01 3.9938e-02

1167 777 0.0000e+00 0.0000e+00 0.0000e+00 -1.2603e+01 -1.7864e+01 -4.8066e-01  
1450 0.0000e+00 0.0000e+00 0.0000e+00 -1.4796e+01 -1.7491e+01 -2.2114e-01  
1451 0.0000e+00 0.0000e+00 0.0000e+00 -1.4511e+01 -2.0489e+01 9.1168e-02  
778 0.0000e+00 0.0000e+00 0.0000e+00 -1.2409e+01 -2.0794e+01 -1.6835e-01

1168 776 0.0000e+00 0.0000e+00 0.0000e+00 -1.2388e+01 -1.3645e+01 -6.1817e-01  
1449 0.0000e+00 0.0000e+00 0.0000e+00 -1.4727e+01 -1.3294e+01 -5.1906e-01  
1450 0.0000e+00 0.0000e+00 0.0000e+00 -1.4591e+01 -1.6402e+01 -2.2676e-01  
777 0.0000e+00 0.0000e+00 0.0000e+00 -1.2342e+01 -1.6685e+01 -3.2586e-01

1169 775 0.0000e+00 0.0000e+00 0.0000e+00 -1.1947e+01 -9.6030e+00 -7.2477e-01  
1448 0.0000e+00 0.0000e+00 0.0000e+00 -1.4467e+01 -9.2387e+00 -7.8399e-01  
1449 0.0000e+00 0.0000e+00 0.0000e+00 -1.4458e+01 -1.2245e+01 -4.9947e-01  
776 0.0000e+00 0.0000e+00 0.0000e+00 -1.2066e+01 -1.2499e+01 -4.4025e-01

1170 774 0.0000e+00 0.0000e+00 0.0000e+00 -1.1212e+01 -5.8107e+00 -8.3186e-01  
1447 0.0000e+00 0.0000e+00 0.0000e+00 -1.4143e+01 -5.3836e+00 -1.0345e+00  
1448 0.0000e+00 0.0000e+00 0.0000e+00 -1.4158e+01 -8.2990e+00 -7.2596e-01  
775 0.0000e+00 0.0000e+00 0.0000e+00 -1.1570e+01 -8.5420e+00 -5.2328e-01

1171 21 0.0000e+00 0.0000e+00 0.0000e+00 -1.0079e+01 -1.4767e+00 -8.8490e-01  
1382 0.0000e+00 0.0000e+00 0.0000e+00 -1.4523e+01 -1.7941e+00 -9.2138e-01  
1447 0.0000e+00 0.0000e+00 0.0000e+00 -1.3926e+01 -4.3387e+00 -7.6113e-01  
774 0.0000e+00 0.0000e+00 0.0000e+00 -1.0743e+01 -5.0040e+00 -7.2465e-01

1172 1436 0.0000e+00 0.0000e+00 0.0000e+00 -1.8757e+01 -2.6472e+00 9.1074e-01

	1446	0.0000e+00	0.0000e+00	0.0000e+00	-9.3626e+00	-2.4774e+00	3.9510e+00
	32	0.0000e+00	0.0000e+00	0.0000e+00	-2.1626e+00	-5.2714e+00	2.2049e+00
	1437	0.0000e+00	0.0000e+00	0.0000e+00	-1.9796e+01	-1.6547e+00	-8.3536e-01
1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	-2.1258e+01	-1.9208e+00	9.7797e-01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-1.1635e+01	-3.1374e-01	2.5449e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-1.0532e+01	-4.6635e+00	1.9905e+00
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-1.9186e+01	-1.9619e+00	4.2352e-01
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	-2.2382e+01	-7.3502e-01	1.0615e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-1.2666e+01	4.3324e-01	1.8513e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-1.2255e+01	-3.2143e+00	1.3682e+00
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-2.1193e+01	-1.0922e+00	5.7834e-01
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	-2.2873e+01	3.3199e-02	9.1780e-01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-1.3097e+01	7.6527e-01	1.3057e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-1.3006e+01	-1.9272e+00	8.3441e-01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-2.2178e+01	-2.6473e-01	4.4649e-01
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	-2.3017e+01	5.0722e-01	6.6693e-01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.3196e+01	8.4349e-01	8.0352e-01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-1.3263e+01	-9.2793e-01	3.4898e-01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-2.2674e+01	3.0561e-01	2.1239e-01
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	-2.2911e+01	7.4832e-01	3.5040e-01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-1.3071e+01	7.4365e-01	2.9511e-01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.3241e+01	-2.1606e-01	-1.3854e-01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	-2.2853e+01	6.3531e-01	-8.3256e-02
1178	1430	0.0000e+00	0.0000e+00	0.0000e+00	-2.2542e+01	8.0557e-01	6.4758e-03
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.2724e+01	5.1076e-01	-2.4815e-01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-1.3012e+01	2.3129e-01	-6.6223e-01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	-2.2770e+01	7.5389e-01	-4.0761e-01
1179	1429	0.0000e+00	0.0000e+00	0.0000e+00	-2.1780e+01	7.3785e-01	-2.9915e-01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.2018e+01	1.9120e-01	-8.5368e-01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.2546e+01	4.1974e-01	-1.2608e+00
	1430	0.0000e+00	0.0000e+00	0.0000e+00	-2.2377e+01	6.7684e-01	-7.0631e-01
1180	1428	0.0000e+00	0.0000e+00	0.0000e+00	-2.0117e+01	8.3211e-01	-3.2806e-01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-1.0551e+01	-7.1865e-02	-1.5171e+00
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.1648e+01	2.7605e-01	-2.0116e+00
	1429	0.0000e+00	0.0000e+00	0.0000e+00	-2.1429e+01	3.4836e-01	-8.2262e-01
1181	1427	0.0000e+00	0.0000e+00	0.0000e+00	-2.1227e+01	2.4316e+00	8.6347e-01
	31	0.0000e+00	0.0000e+00	0.0000e+00	-2.6285e+00	7.0769e-01	-1.6486e+00
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-9.7433e+00	-1.1157e+00	-3.4426e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	-1.9203e+01	7.0177e-01	-9.3054e-01
1182	1425	0.0000e+00	0.0000e+00	0.0000e+00	-2.7174e+01	-2.0378e+00	-1.1165e-01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-2.2526e+01	-2.5837e+00	2.9768e-01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	-2.1994e+01	-2.7568e+00	4.3833e-02
	1426	0.0000e+00	0.0000e+00	0.0000e+00	-2.6876e+01	-2.8016e+00	-3.6550e-01
1183	1424	0.0000e+00	0.0000e+00	0.0000e+00	-2.7457e+01	-1.5911e+00	2.4469e-01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-2.3851e+01	-2.1300e+00	8.6795e-01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-2.2925e+01	-2.5847e+00	2.1826e-01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-2.7119e+01	-1.8411e+00	-4.0500e-01
1184	1423	0.0000e+00	0.0000e+00	0.0000e+00	-2.8023e+01	-8.5523e-01	4.8056e-01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-2.4727e+01	-1.2561e+00	9.9266e-01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-2.3988e+01	-1.5249e+00	6.1734e-01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-2.7725e+01	-1.1849e+00	1.0524e-01
1185	1422	0.0000e+00	0.0000e+00	0.0000e+00	-2.8454e+01	-2.9383e-01	5.2515e-01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-2.5214e+01	-5.5746e-01	8.3498e-01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-2.4808e+01	-7.0154e-01	6.3714e-01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-2.8232e+01	-5.7462e-01	3.2731e-01
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	-2.8688e+01	7.0032e-02	4.3255e-01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	-2.5413e+01	-1.0392e-01	5.7158e-01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-2.5242e+01	-1.6629e-01	4.6385e-01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-2.8578e+01	-1.2760e-01	3.2482e-01
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	-2.8738e+01	2.7158e-01	2.7421e-01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	-2.5376e+01	1.3612e-01	2.6404e-01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	-2.5400e+01	1.2739e-01	1.8798e-01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	-2.8735e+01	1.4209e-01	1.9814e-01

1188 1419 0.0000e+00 0.0000e+00 0.0000e+00 -2.8611e+01 3.7527e-01 1.3789e-01  
1430 0.0000e+00 0.0000e+00 0.0000e+00 -2.5093e+01 1.9987e-01 -2.3472e-02  
1431 0.0000e+00 0.0000e+00 0.0000e+00 -2.5324e+01 2.2779e-01 -1.3123e-01  
1420 0.0000e+00 0.0000e+00 0.0000e+00 -2.8708e+01 2.6512e-01 3.0126e-02

1189 1418 0.0000e+00 0.0000e+00 0.0000e+00 -2.8349e+01 4.9265e-01 1.4775e-01  
1429 0.0000e+00 0.0000e+00 0.0000e+00 -2.4486e+01 1.2520e-01 -1.7681e-01  
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1419 0.0000e+00 0.0000e+00 0.0000e+00 -2.8493e+01 3.0119e-01 -9.6399e-02

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1429 0.0000e+00 0.0000e+00 0.0000e+00 -2.4357e+01 1.5323e-01 -4.7174e-01  
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1427 0.0000e+00 0.0000e+00 0.0000e+00 -2.3269e+01 1.2057e+00 1.0828e-01  
1428 0.0000e+00 0.0000e+00 0.0000e+00 -2.3366e+01 8.0789e-01 -4.3872e-02  
1417 0.0000e+00 0.0000e+00 0.0000e+00 -2.8162e+01 1.0473e+00 1.6594e-02

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1426 0.0000e+00 0.0000e+00 0.0000e+00 -2.7759e+01 -3.1115e+00 -3.2417e-01  
1415 0.0000e+00 0.0000e+00 0.0000e+00 -2.7869e+01 -3.1083e+00 -5.4117e-01

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1417 0.0000e+00 0.0000e+00 0.0000e+00 -2.8976e+01 6.2923e-01 1.9441e-01  
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1219 1385 0.0000e+00 0.0000e+00 0.0000e+00 -2.0384e+01 1.6640e-01 -2.6905e-01  
1396 0.0000e+00 0.0000e+00 0.0000e+00 -2.4079e+01 4.7937e-01 -1.5630e-01

	1397	0.0000e+00	0.0000e+00	0.0000e+00	-2.3958e+01	3.3347e-01	1.6032e-01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-2.0276e+01	2.1440e-02	4.7568e-02
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	-2.0586e+01	5.1287e-01	-3.1110e-01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	-2.4269e+01	7.4432e-01	-1.5585e-01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	-2.4134e+01	6.0026e-01	1.1546e-01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-2.0407e+01	2.9616e-01	-3.9797e-02
1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	-2.0703e+01	6.9054e-01	-1.5609e-01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-2.4376e+01	8.3536e-01	-8.2923e-02
	1395	0.0000e+00	0.0000e+00	0.0000e+00	-2.4340e+01	8.5195e-01	9.1630e-02
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-2.0591e+01	6.5220e-01	1.8463e-02
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.5267e+01	-1.0603e+00	-2.2666e-01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.9184e+01	-1.2066e+00	-3.0400e-01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-1.9182e+01	-2.3946e+00	-4.8329e-01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-1.5426e+01	-2.1870e+00	-4.0595e-01
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	-1.5115e+01	-8.2355e-01	-9.4110e-03
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.8821e+01	-6.1204e-01	-1.4154e-01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.8898e+01	-1.0725e+00	4.8148e-02
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.5305e+01	-1.2355e+00	1.8028e-01
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	-1.5145e+01	-5.4707e-01	-9.4834e-02
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.8665e+01	-3.0540e-01	-9.5922e-02
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.8716e+01	-5.1241e-01	1.7920e-01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-1.5096e+01	-8.1385e-01	1.8029e-01
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	-1.5198e+01	-3.5879e-01	-1.1513e-01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.8661e+01	-1.1741e-01	-7.9893e-02
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.8647e+01	-2.2756e-01	1.7983e-01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-1.5141e+01	-4.9889e-01	1.4459e-01
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	-1.5242e+01	-2.6770e-01	-1.1829e-01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-1.8701e+01	-9.7796e-03	-8.2454e-02
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.8663e+01	-6.9969e-02	1.7560e-01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-1.5207e+01	-3.2145e-01	1.3976e-01
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	-1.5260e+01	-2.2392e-01	-1.4110e-01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-1.8749e+01	6.8113e-02	-1.1625e-01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-1.8705e+01	1.5460e-02	1.6161e-01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-1.5254e+01	-2.4100e-01	1.3676e-01
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	-1.5247e+01	-1.5750e-01	-2.1204e-01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-1.8803e+01	1.8695e-01	-1.9553e-01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-1.8747e+01	8.8437e-02	1.2040e-01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-1.5269e+01	-1.9078e-01	1.0389e-01
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.5217e+01	2.5601e-02	-3.4966e-01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-1.8894e+01	4.2520e-01	-3.1803e-01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-1.8801e+01	2.2753e-01	4.2922e-02
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-1.5246e+01	-8.5392e-02	1.1289e-02
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.5328e+01	4.7701e-01	-4.9332e-01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-1.9040e+01	7.9634e-01	-3.7585e-01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-1.8935e+01	5.2477e-01	-5.3451e-02
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.5195e+01	2.0767e-01	-1.7092e-01
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.5384e+01	1.0777e+00	-2.0483e-01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-1.9238e+01	1.0464e+00	-1.0484e-01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-1.9198e+01	9.8869e-01	-7.7292e-02
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.5221e+01	9.0300e-01	-1.7728e-01
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	-1.0230e+01	-1.8897e+00	-4.1991e-02
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.3777e+01	-6.2756e-01	-1.7877e-01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-1.4717e+01	-1.5909e+00	-4.7991e-01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-9.5672e+00	2.6567e-01	-3.4314e-01
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	-1.0926e+01	-9.5985e-01	-2.7133e-01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-1.3701e+01	-7.5899e-01	-1.3020e-02
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.3599e+01	-8.2423e-01	2.6940e-01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-1.0504e+01	-1.1809e+00	1.1091e-02
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	-1.1236e+01	-5.5715e-01	-2.3854e-01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-1.3865e+01	-3.8827e-01	-7.4107e-02
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-1.3761e+01	-5.3765e-01	1.4252e-01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-1.1007e+01	-7.9640e-01	-2.1913e-02
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	-1.1384e+01	-3.1843e-01	-1.8012e-01



1378 0.0000e+00 0.0000e+00 0.0000e+00 -1.3977e+01 -1.5764e-01 -8.8500e-02  
1379 0.0000e+00 0.0000e+00 0.0000e+00 -1.3904e+01 -2.5966e-01 8.9723e-02  
672 0.0000e+00 0.0000e+00 0.0000e+00 -1.1271e+01 -4.5070e-01 -1.9001e-03

1236 670 0.0000e+00 0.0000e+00 0.0000e+00 -1.1442e+01 -2.2083e-01 -1.2422e-01  
1377 0.0000e+00 0.0000e+00 0.0000e+00 -1.4037e+01 -5.0716e-02 -8.4598e-02  
1378 0.0000e+00 0.0000e+00 0.0000e+00 -1.3996e+01 -9.8838e-02 8.5941e-02  
671 0.0000e+00 0.0000e+00 0.0000e+00 -1.1403e+01 -2.6537e-01 4.6317e-02

1237 669 0.0000e+00 0.0000e+00 0.0000e+00 -1.1428e+01 -1.9783e-01 -8.8268e-02  
1376 0.0000e+00 0.0000e+00 0.0000e+00 -1.4047e+01 -2.6899e-03 -9.4282e-02  
1377 0.0000e+00 0.0000e+00 0.0000e+00 -1.4038e+01 -3.4125e-02 8.9785e-02  
670 0.0000e+00 0.0000e+00 0.0000e+00 -1.1449e+01 -2.0234e-01 9.5799e-02

1238 668 0.0000e+00 0.0000e+00 0.0000e+00 -1.1325e+01 -1.7178e-01 -8.6369e-02  
1375 0.0000e+00 0.0000e+00 0.0000e+00 -1.3996e+01 6.7950e-02 -1.4574e-01  
1376 0.0000e+00 0.0000e+00 0.0000e+00 -1.4025e+01 -8.1762e-03 6.9883e-02  
669 0.0000e+00 0.0000e+00 0.0000e+00 -1.1416e+01 -1.9408e-01 1.2925e-01

1239 667 0.0000e+00 0.0000e+00 0.0000e+00 -1.1081e+01 -4.0641e-02 -1.3555e-01  
1374 0.0000e+00 0.0000e+00 0.0000e+00 -1.3870e+01 2.7305e-01 -2.6759e-01  
1375 0.0000e+00 0.0000e+00 0.0000e+00 -1.3940e+01 5.3972e-02 5.4278e-04  
668 0.0000e+00 0.0000e+00 0.0000e+00 -1.1279e+01 -1.6164e-01 1.3259e-01

1240 666 0.0000e+00 0.0000e+00 0.0000e+00 -1.0599e+01 4.1874e-01 -2.4754e-01  
1373 0.0000e+00 0.0000e+00 0.0000e+00 -1.3689e+01 8.2376e-01 -4.7000e-01  
1374 0.0000e+00 0.0000e+00 0.0000e+00 -1.3771e+01 2.6912e-01 -1.3337e-01  
667 0.0000e+00 0.0000e+00 0.0000e+00 -1.0968e+01 9.6210e-03 8.9096e-02

1241 20 0.0000e+00 0.0000e+00 0.0000e+00 -9.7338e+00 2.6088e+00 -1.4773e-01  
1372 0.0000e+00 0.0000e+00 0.0000e+00 -1.4390e+01 1.5716e+00 -1.0054e-01  
1373 0.0000e+00 0.0000e+00 0.0000e+00 -1.3715e+01 1.2134e+00 -1.2028e-01  
666 0.0000e+00 0.0000e+00 0.0000e+00 -1.0313e+01 2.1514e-01 -1.6747e-01

1242 1361 0.0000e+00 0.0000e+00 0.0000e+00 -1.9310e+01 1.7000e-01 1.5272e+00  
1371 0.0000e+00 0.0000e+00 0.0000e+00 -9.7633e+00 -1.8689e+00 4.0618e+00  
30 0.0000e+00 0.0000e+00 0.0000e+00 -2.5533e+00 3.8810e-01 2.2134e+00  
1362 0.0000e+00 0.0000e+00 0.0000e+00 -2.1384e+01 1.9981e+00 -3.2129e-01

1243 1360 0.0000e+00 0.0000e+00 0.0000e+00 -2.1614e+01 -2.6232e-01 1.4543e+00  
1370 0.0000e+00 0.0000e+00 0.0000e+00 -1.1647e+01 -4.6087e-01 2.6458e+00  
1371 0.0000e+00 0.0000e+00 0.0000e+00 -1.0556e+01 -5.6978e-01 2.1244e+00  
1361 0.0000e+00 0.0000e+00 0.0000e+00 -2.0290e+01 2.6094e-01 9.3290e-01

1244 1359 0.0000e+00 0.0000e+00 0.0000e+00 -2.2626e+01 4.5152e-02 1.3555e+00  
1369 0.0000e+00 0.0000e+00 0.0000e+00 -1.2496e+01 -2.1804e-01 1.9111e+00  
1370 0.0000e+00 0.0000e+00 0.0000e+00 -1.2004e+01 -4.7050e-01 1.4849e+00  
1360 0.0000e+00 0.0000e+00 0.0000e+00 -2.1992e+01 1.0766e-01 9.2930e-01

1245 1358 0.0000e+00 0.0000e+00 0.0000e+00 -2.3095e+01 1.7364e-01 1.0487e+00  
1368 0.0000e+00 0.0000e+00 0.0000e+00 -1.2903e+01 -1.8654e-01 1.3189e+00  
1369 0.0000e+00 0.0000e+00 0.0000e+00 -1.2673e+01 -2.9350e-01 8.9509e-01  
1359 0.0000e+00 0.0000e+00 0.0000e+00 -2.2778e+01 1.8286e-01 6.2493e-01

1246 1357 0.0000e+00 0.0000e+00 0.0000e+00 -2.3283e+01 2.1072e-01 6.8653e-01  
1367 0.0000e+00 0.0000e+00 0.0000e+00 -1.3079e+01 -2.5677e-01 7.8974e-01  
1368 0.0000e+00 0.0000e+00 0.0000e+00 -1.2981e+01 -1.6292e-01 3.5749e-01  
1358 0.0000e+00 0.0000e+00 0.0000e+00 -2.3172e+01 2.2287e-01 2.5427e-01

1247 1356 0.0000e+00 0.0000e+00 0.0000e+00 -2.3258e+01 1.7767e-01 3.2168e-01  
1366 0.0000e+00 0.0000e+00 0.0000e+00 -1.3088e+01 -3.9735e-01 2.8847e-01  
1367 0.0000e+00 0.0000e+00 0.0000e+00 -1.3091e+01 -9.7506e-02 -1.5483e-01  
1357 0.0000e+00 0.0000e+00 0.0000e+00 -2.3323e+01 2.0256e-01 -1.2162e-01

1248 1355 0.0000e+00 0.0000e+00 0.0000e+00 -2.2989e+01 8.6595e-02 -6.3510e-03  
1365 0.0000e+00 0.0000e+00 0.0000e+00 -1.2895e+01 -5.9814e-01 -2.0730e-01  
1366 0.0000e+00 0.0000e+00 0.0000e+00 -1.3032e+01 -1.0558e-01 -6.6457e-01  
1356 0.0000e+00 0.0000e+00 0.0000e+00 -2.3259e+01 1.1235e-01 -4.6362e-01

1249 1354 0.0000e+00 0.0000e+00 0.0000e+00 -2.2322e+01 -3.3210e-02 -2.3354e-01  
1364 0.0000e+00 0.0000e+00 0.0000e+00 -1.2338e+01 -8.3726e-01 -7.2367e-01  
1365 0.0000e+00 0.0000e+00 0.0000e+00 -1.2741e+01 -2.1766e-01 -1.2073e+00  
1355 0.0000e+00 0.0000e+00 0.0000e+00 -2.2912e+01 -6.6955e-02 -7.1720e-01

1250 1353 0.0000e+00 0.0000e+00 0.0000e+00 -2.0715e+01 9.6075e-02 -1.1394e-01  
1363 0.0000e+00 0.0000e+00 0.0000e+00 -1.0982e+01 -9.8444e-01 -1.2549e+00  
1364 0.0000e+00 0.0000e+00 0.0000e+00 -1.2001e+01 -5.4378e-01 -1.8635e+00  
1354 0.0000e+00 0.0000e+00 0.0000e+00 -2.2008e+01 -4.2289e-01 -7.2254e-01

1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	-2.1872e+01	1.9577e+00	1.3792e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	-2.9612e+00	-3.7522e-02	-1.1543e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-1.0205e+01	-2.0421e+00	-3.1787e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	-1.9762e+01	-4.1185e-02	-6.4521e-01
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	-2.8472e+01	5.6034e-01	4.8898e-01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-2.3577e+01	2.8732e-01	5.9048e-01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-2.3455e+01	7.7401e-01	4.0089e-01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-2.8388e+01	8.7525e-01	2.9939e-01
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	-2.8564e+01	-2.1567e-01	6.4603e-01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-2.4643e+01	-4.6937e-01	1.0761e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-2.3967e+01	-5.1414e-01	5.1833e-01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-2.8369e+01	3.3315e-01	8.8296e-02
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	-2.9006e+01	-3.2674e-01	6.7377e-01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-2.5361e+01	-4.8064e-01	1.0609e+00
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-2.4793e+01	-4.8999e-01	7.8579e-01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-2.8790e+01	-1.0078e-01	3.9864e-01
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	-2.9348e+01	-3.3354e-01	5.4837e-01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-2.5771e+01	-4.1264e-01	7.8429e-01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-2.5472e+01	-4.0775e-01	6.6041e-01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	-2.9169e+01	-2.4230e-01	4.2449e-01
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	-2.9524e+01	-3.2485e-01	3.4755e-01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-2.5955e+01	-3.8389e-01	4.5180e-01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-2.5836e+01	-3.7584e-01	3.7814e-01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	-2.9431e+01	-2.8947e-01	2.7389e-01
1257	1345	0.0000e+00	0.0000e+00	0.0000e+00	-2.9543e+01	-3.1775e-01	1.5002e-01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	-2.5942e+01	-4.0625e-01	1.3389e-01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-2.5980e+01	-3.9791e-01	4.9146e-02
	1346	0.0000e+00	0.0000e+00	0.0000e+00	-2.9538e+01	-3.1912e-01	6.5271e-02
1258	1344	0.0000e+00	0.0000e+00	0.0000e+00	-2.9409e+01	-2.8809e-01	4.3066e-02
	1355	0.0000e+00	0.0000e+00	0.0000e+00	-2.5708e+01	-4.8057e-01	-1.0416e-01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	-2.5927e+01	-4.7005e-01	-2.6248e-01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	-2.9488e+01	-3.5000e-01	-1.1525e-01
1259	1343	0.0000e+00	0.0000e+00	0.0000e+00	-2.9163e+01	-1.5033e-01	1.4992e-01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	-2.5156e+01	-5.9908e-01	-1.4714e-01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	-2.5648e+01	-5.7686e-01	-4.8455e-01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	-2.9272e+01	-3.5956e-01	-1.8748e-01
1260	1342	0.0000e+00	0.0000e+00	0.0000e+00	-2.8896e+01	3.1403e-01	5.8797e-01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	-2.4453e+01	-6.4273e-01	2.5560e-01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	-2.5059e+01	-5.9239e-01	-4.0318e-01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	-2.8963e+01	-2.4871e-01	-7.0806e-02
1261	1341	0.0000e+00	0.0000e+00	0.0000e+00	-2.9126e+01	9.2624e-01	5.0906e-01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-2.4139e+01	7.4164e-01	5.6049e-01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	-2.4116e+01	1.7687e-01	2.5926e-01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	-2.9045e+01	5.8690e-01	2.0784e-01
1262	1339	0.0000e+00	0.0000e+00	0.0000e+00	-2.9215e+01	3.0102e-01	2.5296e-01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-2.9233e+01	3.7873e-01	2.7678e-01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-2.9217e+01	5.8717e-01	4.0020e-01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-2.9182e+01	4.2124e-01	3.7638e-01
1263	1338	0.0000e+00	0.0000e+00	0.0000e+00	-2.9169e+01	-1.3721e-01	2.8835e-01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-2.9423e+01	-1.7150e-01	3.2427e-01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-2.9348e+01	1.3095e-01	2.8861e-01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	-2.9172e+01	1.6706e-01	2.5268e-01
1264	1337	0.0000e+00	0.0000e+00	0.0000e+00	-2.9245e+01	-4.5149e-01	3.0329e-01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	-2.9726e+01	-3.7567e-01	4.3305e-01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-2.9494e+01	-2.8677e-01	4.2797e-01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-2.9215e+01	-2.0094e-01	2.9822e-01
1265	1336	0.0000e+00	0.0000e+00	0.0000e+00	-2.9379e+01	-5.9263e-01	2.4283e-01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	-2.9964e+01	-4.5359e-01	3.6235e-01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	-2.9781e+01	-4.2353e-01	4.4914e-01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-2.9319e+01	-4.5582e-01	3.2962e-01
1266	1335	0.0000e+00	0.0000e+00	0.0000e+00	-2.9482e+01	-6.2757e-01	1.3382e-01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	-3.0093e+01	-4.7996e-01	2.0406e-01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	-3.0003e+01	-4.6337e-01	3.3901e-01

	1336	0.0000e+00	0.0000e+00	0.0000e+00	-2.9430e+01	-5.8215e-01	2.6876e-01
1267	1334	0.0000e+00	0.0000e+00	0.0000e+00	-2.9530e+01	-5.8433e-01	3.5312e-02
	1345	0.0000e+00	0.0000e+00	0.0000e+00	-3.0108e+01	-4.8333e-01	4.8287e-02
	1346	0.0000e+00	0.0000e+00	0.0000e+00	-3.0115e+01	-4.7302e-01	1.7327e-01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-2.9496e+01	-6.1874e-01	1.6030e-01
1268	1333	0.0000e+00	0.0000e+00	0.0000e+00	-2.9539e+01	-4.4517e-01	1.2691e-02
	1344	0.0000e+00	0.0000e+00	0.0000e+00	-3.0016e+01	-4.5194e-01	-2.0199e-02
	1345	0.0000e+00	0.0000e+00	0.0000e+00	-3.0113e+01	-4.5835e-01	3.6030e-02
	1334	0.0000e+00	0.0000e+00	0.0000e+00	-2.9508e+01	-5.7612e-01	6.8920e-02
1269	1332	0.0000e+00	0.0000e+00	0.0000e+00	-2.9566e+01	-1.6270e-01	1.1118e-01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	-2.9868e+01	-3.1048e-01	7.6881e-02
	1344	0.0000e+00	0.0000e+00	0.0000e+00	-3.0007e+01	-3.8417e-01	1.9408e-02
	1333	0.0000e+00	0.0000e+00	0.0000e+00	-2.9496e+01	-4.1849e-01	5.3703e-02
1270	1331	0.0000e+00	0.0000e+00	0.0000e+00	-2.9679e+01	2.5553e-01	2.4582e-01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	-2.9886e+01	1.4461e-01	3.2544e-01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	-2.9846e+01	-1.6520e-01	2.1996e-01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	-2.9558e+01	-6.7908e-02	1.4034e-01
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	-2.9870e+01	5.8383e-01	2.1839e-01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	-2.9959e+01	6.7920e-01	3.3381e-01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	-2.9824e+01	4.3971e-01	3.8480e-01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	-2.9771e+01	4.3441e-01	2.6938e-01
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	-2.5946e+01	1.7877e-01	1.7387e-01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	-2.8609e+01	3.8055e-01	1.8216e-01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-2.8579e+01	4.7678e-01	3.9090e-01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-2.5960e+01	2.6651e-01	3.8261e-01
1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	-2.5863e+01	-1.8562e-01	2.0718e-01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-2.8595e+01	1.5651e-02	1.5216e-01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	-2.8631e+01	2.4752e-01	3.4453e-01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-2.5938e+01	6.9054e-02	3.9955e-01
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	-2.5819e+01	-5.3431e-01	1.7742e-01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-2.8634e+01	-2.9469e-01	1.6614e-01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-2.8606e+01	-1.2153e-01	3.7762e-01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-2.5869e+01	-2.9936e-01	3.8890e-01
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	-2.5842e+01	-7.3962e-01	9.8765e-02
	1336	0.0000e+00	0.0000e+00	0.0000e+00	-2.8710e+01	-4.6733e-01	1.2812e-01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-2.8650e+01	-3.7743e-01	3.7810e-01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-2.5843e+01	-5.9861e-01	3.4874e-01
1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	-2.5893e+01	-8.0230e-01	3.1037e-03
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-2.8780e+01	-5.2544e-01	4.1396e-02
	1336	0.0000e+00	0.0000e+00	0.0000e+00	-2.8730e+01	-4.9864e-01	3.1374e-01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-2.5865e+01	-7.5941e-01	2.7545e-01
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	-2.5950e+01	-7.3998e-01	-7.9701e-02
	1334	0.0000e+00	0.0000e+00	0.0000e+00	-2.8824e+01	-4.9021e-01	-4.4395e-02
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-2.8799e+01	-5.1842e-01	2.2003e-01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-2.5904e+01	-7.9063e-01	1.8472e-01
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	-2.6030e+01	-5.4250e-01	-1.2357e-01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	-2.8862e+01	-3.4776e-01	-7.4504e-02
	1334	0.0000e+00	0.0000e+00	0.0000e+00	-2.8843e+01	-4.4336e-01	1.5187e-01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	-2.5950e+01	-6.9549e-01	1.0281e-01
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	-2.6172e+01	-1.9483e-01	-1.1493e-01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	-2.8952e+01	-5.6444e-02	-1.4486e-02
	1333	0.0000e+00	0.0000e+00	0.0000e+00	-2.8886e+01	-2.4476e-01	1.5919e-01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	-2.6033e+01	-4.4922e-01	5.8745e-02
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	-2.6378e+01	2.3664e-01	-6.3400e-02
	1331	0.0000e+00	0.0000e+00	0.0000e+00	-2.9131e+01	3.6945e-01	9.7947e-02
	1332	0.0000e+00	0.0000e+00	0.0000e+00	-2.8983e+01	1.0865e-01	2.4288e-01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	-2.6199e+01	-4.4643e-02	8.1537e-02
1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	-2.6544e+01	5.0736e-01	2.0368e-02
	1330	0.0000e+00	0.0000e+00	0.0000e+00	-2.9279e+01	6.7289e-01	1.3804e-01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	-2.9158e+01	5.4310e-01	2.9992e-01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	-2.6427e+01	3.8908e-01	1.8224e-01
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	-2.0897e+01	2.3469e-01	2.0247e-01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-2.4691e+01	4.3012e-01	1.8107e-01

	1329	0.0000e+00	0.0000e+00	0.0000e+00	-2.4669e+01	5.1205e-01	3.4520e-01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-2.0963e+01	3.8348e-01	3.6660e-01
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	-2.0800e+01	-2.5585e-01	2.6321e-01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-2.4584e+01	5.5424e-02	1.6686e-01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-2.4651e+01	2.9490e-01	4.3888e-01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-2.0928e+01	6.9209e-02	5.3522e-01
1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	-2.0767e+01	-6.4099e-01	1.6052e-01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-2.4518e+01	-3.0688e-01	1.1520e-01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-2.4561e+01	-8.5747e-02	4.4578e-01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-2.0816e+01	-4.0422e-01	4.9111e-01
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	-2.0787e+01	-8.5703e-01	3.7725e-02
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-2.4524e+01	-5.2046e-01	4.1165e-02
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-2.4522e+01	-3.9198e-01	3.8365e-01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-2.0781e+01	-7.3148e-01	3.8021e-01
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	-2.0825e+01	-9.2167e-01	-6.9136e-02
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-2.4564e+01	-5.8707e-01	-4.4508e-02
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-2.4539e+01	-5.5314e-01	2.9550e-01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-2.0800e+01	-8.8973e-01	2.7087e-01
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	-2.0866e+01	-8.5336e-01	-1.6303e-01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	-2.4617e+01	-5.2336e-01	-1.2747e-01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-2.4578e+01	-5.7844e-01	2.0691e-01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-2.0833e+01	-9.0853e-01	1.7136e-01
1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	-2.0928e+01	-6.4129e-01	-2.5184e-01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	-2.4699e+01	-3.1845e-01	-1.9037e-01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	-2.4632e+01	-4.7213e-01	1.3578e-01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-2.0871e+01	-7.9311e-01	7.4303e-02
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	-2.1053e+01	-2.5212e-01	-3.2974e-01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	-2.4850e+01	4.2708e-02	-2.1006e-01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	-2.4727e+01	-2.1111e-01	9.5566e-02
	1311	0.0000e+00	0.0000e+00	0.0000e+00	-2.0934e+01	-5.1960e-01	-2.4113e-02
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	-2.1275e+01	2.9190e-01	-3.3323e-01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	-2.5070e+01	4.9181e-01	-1.4867e-01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	-2.4907e+01	2.1127e-01	9.3405e-02
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-2.1063e+01	-6.6687e-02	-9.1157e-02
1291	1308	0.0000e+00	0.0000e+00	0.0000e+00	-2.1424e+01	6.7993e-01	-1.2055e-01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	-2.5256e+01	7.8274e-01	5.0741e-03
	1320	0.0000e+00	0.0000e+00	0.0000e+00	-2.5150e+01	6.6144e-01	1.4015e-01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-2.1276e+01	4.9760e-01	1.4525e-02
1292	1306	0.0000e+00	0.0000e+00	0.0000e+00	-1.5454e+01	4.8632e-01	3.2668e-01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.9490e+01	5.8161e-01	2.6456e-01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-1.9484e+01	7.4410e-01	2.8799e-01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.5586e+01	7.9314e-01	3.5010e-01
1293	1305	0.0000e+00	0.0000e+00	0.0000e+00	-1.5504e+01	-3.5213e-01	3.0964e-01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-1.9308e+01	-2.1713e-02	2.4084e-01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.9358e+01	3.5412e-01	5.7196e-01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-1.5593e+01	3.0905e-02	6.4076e-01
1294	1304	0.0000e+00	0.0000e+00	0.0000e+00	-1.5634e+01	-7.6968e-01	1.0856e-01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-1.9265e+01	-4.3187e-01	1.2994e-01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-1.9297e+01	-1.4860e-01	5.0914e-01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-1.5559e+01	-5.5933e-01	4.8775e-01
1295	1303	0.0000e+00	0.0000e+00	0.0000e+00	-1.5734e+01	-9.5466e-01	-1.7823e-02
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-1.9305e+01	-6.3568e-01	2.0559e-02
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-1.9295e+01	-4.8928e-01	3.6752e-01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	-1.5666e+01	-8.5521e-01	3.2913e-01
1296	1302	0.0000e+00	0.0000e+00	0.0000e+00	-1.5789e+01	-9.9998e-01	-1.0324e-01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-1.9353e+01	-6.8687e-01	-7.3673e-02
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-1.9330e+01	-6.5376e-01	2.5074e-01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	-1.5752e+01	-9.8105e-01	2.2118e-01
1297	1301	0.0000e+00	0.0000e+00	0.0000e+00	-1.5800e+01	-9.3256e-01	-1.7891e-01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-1.9390e+01	-6.0811e-01	-1.6303e-01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-1.9363e+01	-6.7746e-01	1.5784e-01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-1.5795e+01	-9.8642e-01	1.4196e-01
1298	1300	0.0000e+00	0.0000e+00	0.0000e+00	-1.5771e+01	-7.4133e-01	-2.7396e-01

1311 0.0000e+00 0.0000e+00 0.0000e+00 -1.9430e+01 -3.8437e-01 -2.6279e-01  
1312 0.0000e+00 0.0000e+00 0.0000e+00 -1.9386e+01 -5.7018e-01 7.3964e-02  
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1299 1299 0.0000e+00 0.0000e+00 0.0000e+00 -1.5730e+01 -3.7440e-01 -4.1181e-01  
1310 0.0000e+00 0.0000e+00 0.0000e+00 -1.9518e+01 2.3200e-02 -3.7597e-01  
1311 0.0000e+00 0.0000e+00 0.0000e+00 -1.9423e+01 -3.0441e-01 -1.2197e-02  
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1300 1298 0.0000e+00 0.0000e+00 0.0000e+00 -1.5841e+01 2.8950e-01 -5.3987e-01  
1309 0.0000e+00 0.0000e+00 0.0000e+00 -1.9680e+01 6.0097e-01 -4.0473e-01  
1310 0.0000e+00 0.0000e+00 0.0000e+00 -1.9553e+01 1.7562e-01 -9.0116e-02  
1299 0.0000e+00 0.0000e+00 0.0000e+00 -1.5694e+01 -1.3396e-01 -2.2525e-01

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1302 557 0.0000e+00 0.0000e+00 0.0000e+00 -1.0478e+01 -2.0089e-01 2.4448e-01  
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1306 553 0.0000e+00 0.0000e+00 0.0000e+00 -1.1845e+01 -1.0086e+00 -1.0874e-01  
1302 0.0000e+00 0.0000e+00 0.0000e+00 -1.4530e+01 -7.9581e-01 -6.8447e-02  
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1307 552 0.0000e+00 0.0000e+00 0.0000e+00 -1.1829e+01 -9.3893e-01 -1.1360e-01  
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1302 0.0000e+00 0.0000e+00 0.0000e+00 -1.4536e+01 -7.8608e-01 9.6184e-02  
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1308 551 0.0000e+00 0.0000e+00 0.0000e+00 -1.1712e+01 -7.6712e-01 -1.3337e-01  
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1309 550 0.0000e+00 0.0000e+00 0.0000e+00 -1.1452e+01 -4.3685e-01 -1.8958e-01  
1299 0.0000e+00 0.0000e+00 0.0000e+00 -1.4339e+01 -1.1589e-01 -3.2067e-01  
1300 0.0000e+00 0.0000e+00 0.0000e+00 -1.4408e+01 -4.8014e-01 -4.3174e-02  
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1310 549 0.0000e+00 0.0000e+00 0.0000e+00 -1.0958e+01 2.4050e-01 -3.0085e-01  
1298 0.0000e+00 0.0000e+00 0.0000e+00 -1.4164e+01 6.5130e-01 -5.1316e-01  
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1311 18 0.0000e+00 0.0000e+00 0.0000e+00 -1.0110e+01 2.5593e+00 -2.3239e-01  
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549 0.0000e+00 0.0000e+00 0.0000e+00 -1.0670e+01 1.3347e-01 -2.1247e-01

1312 1286 0.0000e+00 0.0000e+00 0.0000e+00 -1.9762e+01 -4.1266e-02 6.4521e-01  
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1240 0.0000e+00 0.0000e+00 0.0000e+00 -2.0928e+01 -6.4129e-01 2.5183e-01

1356 1238 0.0000e+00 0.0000e+00 0.0000e+00 -2.0833e+01 -9.0852e-01 -1.7137e-01  
1249 0.0000e+00 0.0000e+00 0.0000e+00 -2.4578e+01 -5.7842e-01 -2.0691e-01  
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1239 0.0000e+00 0.0000e+00 0.0000e+00 -2.0866e+01 -8.5335e-01 1.6302e-01

1357 1237 0.0000e+00 0.0000e+00 0.0000e+00 -2.0800e+01 -8.8970e-01 -2.7088e-01  
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1238 0.0000e+00 0.0000e+00 0.0000e+00 -2.0825e+01 -9.2165e-01 6.9128e-02

1358 1236 0.0000e+00 0.0000e+00 0.0000e+00 -2.0781e+01 -7.3144e-01 -3.8022e-01  
1247 0.0000e+00 0.0000e+00 0.0000e+00 -2.4522e+01 -3.9194e-01 -3.8366e-01  
1248 0.0000e+00 0.0000e+00 0.0000e+00 -2.4524e+01 -5.2043e-01 -4.1169e-02  
1237 0.0000e+00 0.0000e+00 0.0000e+00 -2.0787e+01 -8.5700e-01 -3.7734e-02

1359 1235 0.0000e+00 0.0000e+00 0.0000e+00 -2.0816e+01 -4.0416e-01 -4.9112e-01  
1246 0.0000e+00 0.0000e+00 0.0000e+00 -2.4561e+01 -8.5687e-02 -4.4579e-01  
1247 0.0000e+00 0.0000e+00 0.0000e+00 -2.4518e+01 -3.0683e-01 -1.1520e-01  
1236 0.0000e+00 0.0000e+00 0.0000e+00 -2.0767e+01 -6.4094e-01 -1.6053e-01

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1245 0.0000e+00 0.0000e+00 0.0000e+00 -2.4651e+01 2.9497e-01 -4.3889e-01  
1246 0.0000e+00 0.0000e+00 0.0000e+00 -2.4584e+01 5.5487e-02 -1.6687e-01  
1235 0.0000e+00 0.0000e+00 0.0000e+00 -2.0800e+01 -2.5579e-01 -2.6322e-01

1361 1233 0.0000e+00 0.0000e+00 0.0000e+00 -2.0963e+01 3.8356e-01 -3.6660e-01



	1244	0.0000e+00	0.0000e+00	0.0000e+00	-2.4669e+01	5.1212e-01	-3.4520e-01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	-2.4691e+01	4.3020e-01	-1.8107e-01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-2.0897e+01	2.3477e-01	-2.0247e-01
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.5726e+01	7.6929e-01	2.2259e-01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.9840e+01	8.5893e-01	7.3212e-02
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-1.9937e+01	1.0647e+00	7.9888e-02
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-1.5932e+01	1.1411e+00	2.2926e-01
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	-1.5694e+01	-1.3400e-01	2.2522e-01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.9553e+01	1.7558e-01	9.0103e-02
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.9680e+01	6.0093e-01	4.0472e-01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.5841e+01	2.8945e-01	5.3984e-01
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	-1.5752e+01	-6.2492e-01	4.8004e-02
	1240	0.0000e+00	0.0000e+00	0.0000e+00	-1.9423e+01	-3.0442e-01	1.2183e-02
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.9517e+01	2.3174e-02	3.7596e-01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-1.5730e+01	-3.7443e-01	4.1178e-01
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	-1.5792e+01	-8.7798e-01	-6.2819e-02
	1239	0.0000e+00	0.0000e+00	0.0000e+00	-1.9386e+01	-5.7018e-01	-7.3977e-02
	1240	0.0000e+00	0.0000e+00	0.0000e+00	-1.9430e+01	-3.8437e-01	2.6278e-01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	-1.5771e+01	-7.4134e-01	2.7393e-01
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	-1.5795e+01	-9.8640e-01	-1.4198e-01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	-1.9363e+01	-6.7744e-01	-1.5785e-01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	-1.9390e+01	-6.0811e-01	1.6302e-01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	-1.5800e+01	-9.3256e-01	1.7889e-01
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	-1.5752e+01	-9.8102e-01	-2.2120e-01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	-1.9330e+01	-6.5373e-01	-2.5076e-01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	-1.9353e+01	-6.8685e-01	7.3662e-02
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-1.5789e+01	-9.9996e-01	1.0322e-01
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	-1.5666e+01	-8.5517e-01	-3.2914e-01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	-1.9295e+01	-4.8924e-01	-3.6753e-01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	-1.9305e+01	-6.3565e-01	-2.0570e-02
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-1.5734e+01	-9.5462e-01	1.7811e-02
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.5559e+01	-5.5927e-01	-4.8776e-01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-1.9297e+01	-1.4854e-01	-5.0915e-01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	-1.9265e+01	-4.3182e-01	-1.2995e-01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-1.5634e+01	-7.6963e-01	-1.0857e-01
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	-1.5593e+01	3.0976e-02	-6.4076e-01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-1.9358e+01	3.5420e-01	-5.7197e-01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-1.9308e+01	-2.1653e-02	-2.4085e-01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.5504e+01	-3.5207e-01	-3.0964e-01
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	-1.5586e+01	7.9324e-01	-3.5008e-01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-1.9484e+01	7.4419e-01	-2.8797e-01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-1.9490e+01	5.8170e-01	-2.6457e-01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-1.5454e+01	4.8644e-01	-3.2667e-01
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	-1.0670e+01	1.3342e-01	2.1241e-01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.4175e+01	1.0813e+00	1.4768e-01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-1.4866e+01	1.6506e+00	1.6766e-01
	16	0.0000e+00	0.0000e+00	0.0000e+00	-1.0110e+01	2.5591e+00	2.3239e-01
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	-1.1322e+01	-3.2368e-01	-3.9721e-02
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-1.4229e+01	-6.2254e-02	1.7259e-01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.4164e+01	6.5124e-01	5.1313e-01
	440	0.0000e+00	0.0000e+00	0.0000e+00	-1.0958e+01	2.4045e-01	3.0081e-01
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	-1.1648e+01	-7.0697e-01	-8.7946e-02
	1229	0.0000e+00	0.0000e+00	0.0000e+00	-1.4408e+01	-4.8015e-01	4.3145e-02
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-1.4339e+01	-1.1592e-01	3.2064e-01
	439	0.0000e+00	0.0000e+00	0.0000e+00	-1.1452e+01	-4.3688e-01	1.8955e-01
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	-1.1803e+01	-9.0629e-01	-1.0267e-01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	-1.4509e+01	-6.9530e-01	-3.9986e-02
	1229	0.0000e+00	0.0000e+00	0.0000e+00	-1.4473e+01	-5.1223e-01	1.9602e-01
	438	0.0000e+00	0.0000e+00	0.0000e+00	-1.1712e+01	-7.6713e-01	1.3333e-01
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	-1.1848e+01	-9.9535e-01	-1.0533e-01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-1.4536e+01	-7.8606e-01	-9.6204e-02
	1228	0.0000e+00	0.0000e+00	0.0000e+00	-1.4535e+01	-7.1609e-01	1.2270e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	-1.1829e+01	-9.3892e-01	1.1357e-01

1377 435 0.0000e+00 0.0000e+00 0.0000e+00 -1.1799e+01 -9.9515e-01 -1.1198e-01  
1226 0.0000e+00 0.0000e+00 0.0000e+00 -1.4494e+01 -7.7223e-01 -1.5227e-01  
1227 0.0000e+00 0.0000e+00 0.0000e+00 -1.4530e+01 -7.9579e-01 6.8428e-02  
436 0.0000e+00 0.0000e+00 0.0000e+00 -1.1845e+01 -1.0085e+00 1.0871e-01

1378 434 0.0000e+00 0.0000e+00 0.0000e+00 -1.1646e+01 -8.9522e-01 -1.3814e-01  
1225 0.0000e+00 0.0000e+00 0.0000e+00 -1.4379e+01 -6.3752e-01 -2.3545e-01  
1226 0.0000e+00 0.0000e+00 0.0000e+00 -1.4455e+01 -7.7173e-01 5.5618e-03  
435 0.0000e+00 0.0000e+00 0.0000e+00 -1.1768e+01 -9.8980e-01 1.0287e-01

1379 433 0.0000e+00 0.0000e+00 0.0000e+00 -1.1342e+01 -6.4023e-01 -2.0398e-01  
1224 0.0000e+00 0.0000e+00 0.0000e+00 -1.4183e+01 -3.1540e-01 -3.7656e-01  
1225 0.0000e+00 0.0000e+00 0.0000e+00 -1.4300e+01 -6.2798e-01 -9.2006e-02  
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1380 432 0.0000e+00 0.0000e+00 0.0000e+00 -1.0790e+01 -3.5380e-02 -3.2544e-01  
1223 0.0000e+00 0.0000e+00 0.0000e+00 -1.3931e+01 3.7771e-01 -5.8967e-01  
1224 0.0000e+00 0.0000e+00 0.0000e+00 -1.4056e+01 -2.8743e-01 -2.4212e-01  
433 0.0000e+00 0.0000e+00 0.0000e+00 -1.1200e+01 -5.6042e-01 2.2110e-02

1381 15 0.0000e+00 0.0000e+00 0.0000e+00 -9.8552e+00 2.2915e+00 -2.4326e-01  
1222 0.0000e+00 0.0000e+00 0.0000e+00 -1.4566e+01 1.2898e+00 -2.3502e-01  
1223 0.0000e+00 0.0000e+00 0.0000e+00 -1.3926e+01 7.9864e-01 -2.3615e-01  
432 0.0000e+00 0.0000e+00 0.0000e+00 -1.0478e+01 -2.0087e-01 -2.4439e-01

1382 1211 0.0000e+00 0.0000e+00 0.0000e+00 -1.9203e+01 7.0123e-01 9.3094e-01  
1221 0.0000e+00 0.0000e+00 0.0000e+00 -9.7437e+00 -1.1162e+00 3.4430e+00  
25 0.0000e+00 0.0000e+00 0.0000e+00 -2.6291e+00 7.0698e-01 1.6489e+00  
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1383 1210 0.0000e+00 0.0000e+00 0.0000e+00 -2.1430e+01 3.4786e-01 8.2312e-01  
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1221 0.0000e+00 0.0000e+00 0.0000e+00 -1.0551e+01 -7.2510e-02 1.5175e+00  
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1384 1209 0.0000e+00 0.0000e+00 0.0000e+00 -2.2377e+01 6.7637e-01 7.0689e-01  
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1385 1208 0.0000e+00 0.0000e+00 0.0000e+00 -2.2770e+01 7.5346e-01 4.0826e-01  
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1386 1207 0.0000e+00 0.0000e+00 0.0000e+00 -2.2853e+01 6.3497e-01 8.3957e-02  
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1202 0.0000e+00 0.0000e+00 0.0000e+00 -2.8137e+01 1.2662e+00 -1.6845e-01

1393 1200 0.0000e+00 0.0000e+00 0.0000e+00 -2.8163e+01 3.7013e-01 9.6753e-02  
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1201 0.0000e+00 0.0000e+00 0.0000e+00 -2.8032e+01 8.4420e-01 -4.1829e-01

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1396 1197 0.0000e+00 0.0000e+00 0.0000e+00 -2.8735e+01 1.4181e-01 -1.9741e-01  
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1397 1196 0.0000e+00 0.0000e+00 0.0000e+00 -2.8578e+01 -1.2773e-01 -3.2402e-01  
1206 0.0000e+00 0.0000e+00 0.0000e+00 -2.5242e+01 -1.6655e-01 -4.6303e-01  
1207 0.0000e+00 0.0000e+00 0.0000e+00 -2.5414e+01 -1.0418e-01 -5.7081e-01  
1197 0.0000e+00 0.0000e+00 0.0000e+00 -2.8688e+01 6.9777e-02 -4.3180e-01

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1205 0.0000e+00 0.0000e+00 0.0000e+00 -2.4809e+01 -7.0159e-01 -6.3627e-01  
1206 0.0000e+00 0.0000e+00 0.0000e+00 -2.5214e+01 -5.5752e-01 -8.3417e-01  
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1205 0.0000e+00 0.0000e+00 0.0000e+00 -2.4728e+01 -1.2559e+00 -9.9182e-01  
1195 0.0000e+00 0.0000e+00 0.0000e+00 -2.8024e+01 -8.5509e-01 -4.7974e-01

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1203 0.0000e+00 0.0000e+00 0.0000e+00 -2.2926e+01 -2.5840e+00 -2.1745e-01  
1204 0.0000e+00 0.0000e+00 0.0000e+00 -2.3851e+01 -2.1293e+00 -8.6711e-01  
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1203 0.0000e+00 0.0000e+00 0.0000e+00 -2.2526e+01 -2.5824e+00 -2.9698e-01  
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1201 0.0000e+00 0.0000e+00 0.0000e+00 -2.8976e+01 6.2884e-01 -1.9400e-01  
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1200 0.0000e+00 0.0000e+00 0.0000e+00 -2.9020e+01 2.9841e-01 -8.9952e-02  
1190 0.0000e+00 0.0000e+00 0.0000e+00 -2.8698e+01 3.6842e-01 -1.3712e-01

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1189 0.0000e+00 0.0000e+00 0.0000e+00 -2.8672e+01 1.6325e-01 -1.0613e-01

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1198 0.0000e+00 0.0000e+00 0.0000e+00 -2.9276e+01 1.1340e-01 -1.7917e-01  
1188 0.0000e+00 0.0000e+00 0.0000e+00 -2.8639e+01 1.4548e-02 -1.3586e-01

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1197 0.0000e+00 0.0000e+00 0.0000e+00 -2.9236e+01 -5.0542e-02 -2.9477e-01  
1187 0.0000e+00 0.0000e+00 0.0000e+00 -2.8551e+01 -1.5401e-01 -1.7468e-01

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1196 0.0000e+00 0.0000e+00 0.0000e+00 -2.9058e+01 -3.5047e-01 -3.4531e-01  
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1180 0.0000e+00 0.0000e+00 0.0000e+00 -2.5367e+01 2.6403e-01 6.6652e-02

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1177 0.0000e+00 0.0000e+00 0.0000e+00 -2.5028e+01 -2.3358e-01 -1.3711e-02

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1419 1174 0.0000e+00 0.0000e+00 0.0000e+00 -2.4958e+01 -9.0730e-01 7.4169e-02  
1184 0.0000e+00 0.0000e+00 0.0000e+00 -2.7563e+01 -9.1573e-01 3.9860e-02  
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1175 0.0000e+00 0.0000e+00 0.0000e+00 -2.4927e+01 -6.3928e-01 1.1880e-01

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1174 0.0000e+00 0.0000e+00 0.0000e+00 -2.4999e+01 -1.0718e+00 3.2428e-01

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1173 0.0000e+00 0.0000e+00 0.0000e+00 -2.5136e+01 -1.9491e+00 6.2051e-01

1422 1171 0.0000e+00 0.0000e+00 0.0000e+00 -2.0591e+01 6.5200e-01 -1.8274e-02  
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1182 0.0000e+00 0.0000e+00 0.0000e+00 -2.4376e+01 8.3517e-01 8.3119e-02  
1172 0.0000e+00 0.0000e+00 0.0000e+00 -2.0703e+01 6.9038e-01 1.5625e-01

1423 1170 0.0000e+00 0.0000e+00 0.0000e+00 -2.0407e+01 2.9595e-01 4.0021e-02  
1180 0.0000e+00 0.0000e+00 0.0000e+00 -2.4135e+01 6.0002e-01 -1.1517e-01  
1181 0.0000e+00 0.0000e+00 0.0000e+00 -2.4269e+01 7.4410e-01 1.5610e-01  
1171 0.0000e+00 0.0000e+00 0.0000e+00 -2.0586e+01 5.1268e-01 3.1129e-01

1424 1169 0.0000e+00 0.0000e+00 0.0000e+00 -2.0276e+01 2.1238e-02 -4.7301e-02

	1179	0.0000e+00	0.0000e+00	0.0000e+00	-2.3959e+01	3.3323e-01	-1.5997e-01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-2.4079e+01	4.7915e-01	1.5661e-01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-2.0384e+01	1.6620e-01	2.6928e-01
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	-2.0194e+01	-1.3366e-01	-1.3398e-01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-2.3845e+01	1.6136e-01	-2.0440e-01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-2.3931e+01	2.5544e-01	1.0704e-01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-2.0251e+01	-6.4333e-02	1.7746e-01
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	-2.0131e+01	-2.2455e-01	-1.7897e-01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-2.3763e+01	4.5565e-02	-2.3207e-01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-2.3831e+01	1.1498e-01	5.6047e-02
	1168	0.0000e+00	0.0000e+00	0.0000e+00	-2.0170e+01	-1.8366e-01	1.0915e-01
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	-2.0081e+01	-3.2496e-01	-1.8243e-01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	-2.3699e+01	-8.3910e-02	-2.2557e-01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-2.3757e+01	7.6198e-03	3.3952e-02
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-2.0110e+01	-2.6365e-01	7.7099e-02
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	-2.0071e+01	-4.9785e-01	-1.5201e-01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	-2.3676e+01	-2.8917e-01	-1.6735e-01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	-2.3706e+01	-1.2858e-01	6.0441e-02
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-2.0072e+01	-3.6956e-01	7.5774e-02
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	-2.0158e+01	-8.0248e-01	-8.0173e-02
	1174	0.0000e+00	0.0000e+00	0.0000e+00	-2.3737e+01	-6.5304e-01	-3.4156e-02
	1175	0.0000e+00	0.0000e+00	0.0000e+00	-2.3716e+01	-3.4836e-01	1.4739e-01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	-2.0086e+01	-5.5730e-01	1.0137e-01
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	-2.0369e+01	-1.3925e+00	1.0446e-01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	-2.3878e+01	-1.3716e+00	2.0685e-01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	-2.3833e+01	-7.5164e-01	2.9776e-01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-2.0207e+01	-9.1021e-01	1.9537e-01
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	-2.0490e+01	-2.7891e+00	5.2767e-01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	-2.3957e+01	-2.8349e+00	5.2035e-01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	-2.4012e+01	-1.6192e+00	5.0661e-01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-2.0450e+01	-1.6378e+00	5.1393e-01
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	-1.5221e+01	9.0281e-01	1.7740e-01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.9198e+01	9.8851e-01	7.7446e-02
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.9238e+01	1.0463e+00	1.0499e-01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-1.5384e+01	1.0776e+00	2.0495e-01
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	-1.5196e+01	2.0750e-01	1.7104e-01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-1.8935e+01	5.2457e-01	5.3638e-02
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.9040e+01	7.9617e-01	3.7603e-01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-1.5328e+01	4.7683e-01	4.9343e-01
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	-1.5246e+01	-8.5554e-02	-1.1140e-02
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-1.8801e+01	2.2735e-01	-4.2693e-02
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-1.8894e+01	4.2502e-01	3.1823e-01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-1.5217e+01	2.5444e-02	3.4979e-01
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	-1.5269e+01	-1.9092e-01	-1.0371e-01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	-1.8747e+01	8.8274e-02	-1.2013e-01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-1.8803e+01	1.8678e-01	1.9578e-01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	-1.5247e+01	-1.5764e-01	2.1220e-01
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	-1.5255e+01	-2.4111e-01	-1.3655e-01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-1.8705e+01	1.5332e-02	-1.6130e-01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	-1.8750e+01	6.7974e-02	1.1654e-01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	-1.5260e+01	-2.2404e-01	1.4129e-01
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	-1.5207e+01	-3.2152e-01	-1.3954e-01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-1.8664e+01	-7.0040e-02	-1.7528e-01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-1.8702e+01	-9.8771e-03	8.2774e-02
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-1.5242e+01	-2.6779e-01	1.1851e-01
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	-1.5141e+01	-4.9890e-01	-1.4439e-01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	-1.8648e+01	-2.2755e-01	-1.7952e-01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-1.8662e+01	-1.1745e-01	8.0223e-02
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-1.5199e+01	-3.5883e-01	1.1535e-01
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.5097e+01	-8.1378e-01	-1.8013e-01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-1.8717e+01	-5.1228e-01	-1.7894e-01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	-1.8666e+01	-3.0534e-01	9.6229e-02
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-1.5146e+01	-5.4704e-01	9.5043e-02

1440 1153 0.0000e+00 0.0000e+00 0.0000e+00 -1.5306e+01 -1.2353e+00 -1.8019e-01  
1163 0.0000e+00 0.0000e+00 0.0000e+00 -1.8899e+01 -1.0723e+00 -4.7973e-02  
1164 0.0000e+00 0.0000e+00 0.0000e+00 -1.8822e+01 -6.1187e-01 1.4178e-01  
1154 0.0000e+00 0.0000e+00 0.0000e+00 -1.5116e+01 -8.2343e-01 9.5699e-03  
  
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1099 0.0000e+00 0.0000e+00 0.0000e+00 -1.9183e+01 -2.3943e+00 4.8341e-01  
1163 0.0000e+00 0.0000e+00 0.0000e+00 -1.9185e+01 -1.2063e+00 3.0415e-01  
1153 0.0000e+00 0.0000e+00 0.0000e+00 -1.5268e+01 -1.0600e+00 2.2677e-01  
  
1442 323 0.0000e+00 0.0000e+00 0.0000e+00 -1.0313e+01 2.1496e-01 1.6744e-01  
1161 0.0000e+00 0.0000e+00 0.0000e+00 -1.3715e+01 1.2131e+00 1.2036e-01  
1162 0.0000e+00 0.0000e+00 0.0000e+00 -1.4390e+01 1.5715e+00 1.0069e-01  
14 0.0000e+00 0.0000e+00 0.0000e+00 -9.7336e+00 2.6085e+00 1.4777e-01  
  
1443 322 0.0000e+00 0.0000e+00 0.0000e+00 -1.0968e+01 9.4692e-03 -8.9067e-02  
1160 0.0000e+00 0.0000e+00 0.0000e+00 -1.3771e+01 2.6896e-01 1.3345e-01  
1161 0.0000e+00 0.0000e+00 0.0000e+00 -1.3689e+01 8.2359e-01 4.7007e-01  
323 0.0000e+00 0.0000e+00 0.0000e+00 -1.0599e+01 4.1858e-01 2.4755e-01  
  
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1160 0.0000e+00 0.0000e+00 0.0000e+00 -1.3870e+01 2.7290e-01 2.6769e-01  
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1158 0.0000e+00 0.0000e+00 0.0000e+00 -1.4047e+01 -2.7995e-03 9.4438e-02  
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1123 0.0000e+00 0.0000e+00 0.0000e+00 -1.5367e+01 -1.1543e+01 -1.2930e+01  
1112 0.0000e+00 0.0000e+00 0.0000e+00 -1.5322e+01 -1.1639e+01 -1.0691e+01

1482 1109 0.0000e+00 0.0000e+00 0.0000e+00 -2.4915e+01 -4.8686e+00 7.8512e-01  
1120 0.0000e+00 0.0000e+00 0.0000e+00 -2.7186e+01 -4.7654e+00 4.9901e-01  
1121 0.0000e+00 0.0000e+00 0.0000e+00 -2.7475e+01 -3.0786e+00 5.8411e-01  
1110 0.0000e+00 0.0000e+00 0.0000e+00 -2.5153e+01 -3.1602e+00 8.7022e-01

1483 1108 0.0000e+00 0.0000e+00 0.0000e+00 -2.4670e+01 -7.9053e+00 7.8771e-01  
1119 0.0000e+00 0.0000e+00 0.0000e+00 -2.6855e+01 -7.6532e+00 4.0709e-01  
1120 0.0000e+00 0.0000e+00 0.0000e+00 -2.7201e+01 -5.5235e+00 6.0048e-01  
1109 0.0000e+00 0.0000e+00 0.0000e+00 -2.5024e+01 -5.6913e+00 9.8110e-01

1484 1107 0.0000e+00 0.0000e+00 0.0000e+00 -2.4412e+01 -1.1400e+01 4.9291e-01  
1118 0.0000e+00 0.0000e+00 0.0000e+00 -2.6515e+01 -1.0889e+01 8.6081e-02  
1119 0.0000e+00 0.0000e+00 0.0000e+00 -2.6859e+01 -8.5413e+00 4.7414e-01  
1108 0.0000e+00 0.0000e+00 0.0000e+00 -2.4817e+01 -8.8725e+00 8.8097e-01

1485 1106 0.0000e+00 0.0000e+00 0.0000e+00 -2.4093e+01 -1.5109e+01 -1.5375e-01  
1117 0.0000e+00 0.0000e+00 0.0000e+00 -2.6091e+01 -1.4283e+01 -6.3744e-01  
1118 0.0000e+00 0.0000e+00 0.0000e+00 -2.6495e+01 -1.1836e+01 2.0301e-02  
1107 0.0000e+00 0.0000e+00 0.0000e+00 -2.4580e+01 -1.2439e+01 5.0399e-01

1486 1105 0.0000e+00 0.0000e+00 0.0000e+00 -2.3571e+01 -1.8749e+01 -1.1675e+00  
1116 0.0000e+00 0.0000e+00 0.0000e+00 -2.5431e+01 -1.7613e+01 -1.8361e+00  
1117 0.0000e+00 0.0000e+00 0.0000e+00 -2.6013e+01 -1.5240e+01 -8.8580e-01  
1106 0.0000e+00 0.0000e+00 0.0000e+00 -2.4220e+01 -1.6168e+01 -2.1724e-01

1487 1104 0.0000e+00 0.0000e+00 0.0000e+00 -2.2668e+01 -2.1819e+01 -2.4942e+00



1115 0.0000e+00 0.0000e+00 0.0000e+00 -2.4348e+01 -2.0468e+01 -3.4642e+00  
1116 0.0000e+00 0.0000e+00 0.0000e+00 -2.5241e+01 -1.8503e+01 -2.2699e+00  
1105 0.0000e+00 0.0000e+00 0.0000e+00 -2.3562e+01 -1.9745e+01 -1.2999e+00

1488 1103 0.0000e+00 0.0000e+00 0.0000e+00 -2.1225e+01 -2.3422e+01 -3.9697e+00  
1114 0.0000e+00 0.0000e+00 0.0000e+00 -2.2645e+01 -2.2077e+01 -5.3330e+00  
1115 0.0000e+00 0.0000e+00 0.0000e+00 -2.3975e+01 -2.1125e+01 -4.0400e+00  
1104 0.0000e+00 0.0000e+00 0.0000e+00 -2.2405e+01 -2.2588e+01 -2.6767e+00

1489 1102 0.0000e+00 0.0000e+00 0.0000e+00 -1.9160e+01 -2.2093e+01 -5.3248e+00  
1113 0.0000e+00 0.0000e+00 0.0000e+00 -2.0168e+01 -2.1069e+01 -7.0895e+00  
1114 0.0000e+00 0.0000e+00 0.0000e+00 -2.2000e+01 -2.2184e+01 -5.9383e+00  
1103 0.0000e+00 0.0000e+00 0.0000e+00 -2.0579e+01 -2.3660e+01 -4.1736e+00

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1113 0.0000e+00 0.0000e+00 0.0000e+00 -1.9136e+01 -2.0086e+01 -7.4859e+00  
1102 0.0000e+00 0.0000e+00 0.0000e+00 -1.8051e+01 -2.1296e+01 -5.5612e+00

1491 1100 0.0000e+00 0.0000e+00 0.0000e+00 -1.3788e+01 -1.1179e+00 -7.4910e+00  
1111 0.0000e+00 0.0000e+00 0.0000e+00 -1.3430e+01 -2.0563e-01 -9.2479e+00  
1112 0.0000e+00 0.0000e+00 0.0000e+00 -1.5454e+01 -1.2029e+01 -8.4787e+00  
1101 0.0000e+00 0.0000e+00 0.0000e+00 -1.5000e+01 -1.2787e+01 -6.7218e+00

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1497 1093 0.0000e+00 0.0000e+00 0.0000e+00 -1.8963e+01 -2.3067e+01 -1.3465e+00  
1104 0.0000e+00 0.0000e+00 0.0000e+00 -2.1538e+01 -2.2140e+01 -2.1637e+00  
1105 0.0000e+00 0.0000e+00 0.0000e+00 -2.2345e+01 -1.9909e+01 -1.2865e+00  
1094 0.0000e+00 0.0000e+00 0.0000e+00 -1.9660e+01 -2.0887e+01 -4.6929e-01

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1093 0.0000e+00 0.0000e+00 0.0000e+00 -1.8790e+01 -2.3850e+01 -1.3766e+00

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1102 0.0000e+00 0.0000e+00 0.0000e+00 -1.8316e+01 -2.2523e+01 -4.3161e+00  
1103 0.0000e+00 0.0000e+00 0.0000e+00 -1.9669e+01 -2.3747e+01 -3.5711e+00  
1092 0.0000e+00 0.0000e+00 0.0000e+00 -1.7475e+01 -2.4808e+01 -2.3493e+00

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1090 0.0000e+00 0.0000e+00 0.0000e+00 -1.3872e+01 -1.3684e+01 -3.7427e+00

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1094 0.0000e+00 0.0000e+00 0.0000e+00 -1.8361e+01 -1.9901e+01 -4.6317e-01  
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1090 0.0000e+00 0.0000e+00 0.0000e+00 -1.4225e+01 -1.6699e+01 -2.7172e+00  
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1079 0.0000e+00 0.0000e+00 0.0000e+00 -1.2235e+01 -1.3690e+01 -1.8797e+00

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1087 0.0000e+00 0.0000e+00 0.0000e+00 -1.3927e+01 -4.3385e+00 7.6118e-01  
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1087 0.0000e+00 0.0000e+00 0.0000e+00 -1.4144e+01 -5.3835e+00 1.0346e+00  
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1514 213 0.0000e+00 0.0000e+00 0.0000e+00 -1.2067e+01 -1.2499e+01 4.4035e-01  
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214 0.0000e+00 0.0000e+00 0.0000e+00 -1.1948e+01 -9.6030e+00 7.2484e-01

1515 212 0.0000e+00 0.0000e+00 0.0000e+00 -1.2343e+01 -1.6685e+01 3.2606e-01  
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1085 0.0000e+00 0.0000e+00 0.0000e+00 -1.4728e+01 -1.3294e+01 5.1913e-01  
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1516 211 0.0000e+00 0.0000e+00 0.0000e+00 -1.2410e+01 -2.0794e+01 1.6866e-01  
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211 0.0000e+00 0.0000e+00 0.0000e+00 -1.2577e+01 -2.1872e+01 2.9259e-01

1518 209 0.0000e+00 0.0000e+00 0.0000e+00 -1.1876e+01 -2.5880e+01 -3.1215e-01  
1081 0.0000e+00 0.0000e+00 0.0000e+00 -1.3596e+01 -2.5546e+01 -8.2553e-01  
1082 0.0000e+00 0.0000e+00 0.0000e+00 -1.4137e+01 -2.4503e+01 -4.7245e-01

	210	0.0000e+00	0.0000e+00	0.0000e+00	-1.2281e+01	-2.4937e+01	4.0936e-02
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	-1.1215e+01	-2.4340e+01	-7.0221e-01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.2801e+01	-2.3927e+01	-1.2361e+00
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-1.3315e+01	-2.5451e+01	-8.2925e-01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.1684e+01	-2.5920e+01	-2.9537e-01
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.0311e+01	-1.7411e+01	-1.3545e+00
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.1884e+01	-1.6805e+01	-1.7419e+00
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.2188e+01	-2.2605e+01	-1.1991e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	-1.0721e+01	-2.3178e+01	-8.1169e-01
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-8.1008e+00	1.7302e+00	-7.8869e-01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-1.4137e+01	-3.6426e+00	1.4222e-01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.1588e+01	-1.2424e+01	-9.7089e-01
	207	0.0000e+00	0.0000e+00	0.0000e+00	-8.9344e+00	-1.5380e+01	-1.9018e+00
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	-8.6168e+00	1.2339e+00	-2.6073e-01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-9.3901e+00	5.0330e-01	-1.3835e-02
	20	0.0000e+00	0.0000e+00	0.0000e+00	-7.9935e+00	3.0698e+00	9.9369e-02
	655	0.0000e+00	0.0000e+00	0.0000e+00	-9.5603e+00	2.0925e+00	-1.4753e-01
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	-8.8820e+00	6.1542e-02	-2.8389e-01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-1.0064e+01	1.0670e-01	-1.5827e-02
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-9.7466e+00	7.3327e-01	-3.5084e-02
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-8.7072e+00	8.2041e-01	-3.0315e-01
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	-9.0883e+00	-2.7650e-01	-1.3045e-01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-1.0345e+01	-2.4355e-01	-4.0676e-03
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-1.0200e+01	2.1491e-02	6.0476e-03
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-9.0014e+00	3.2394e-02	-1.2034e-01
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	-9.1329e+00	-3.2050e-01	9.4239e-03
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.0395e+01	-3.0251e-01	1.5355e-02
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-1.0389e+01	-2.7792e-01	3.2133e-02
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-9.1274e+00	-2.9651e-01	2.6203e-02
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	-9.0267e+00	-5.8665e-02	1.5823e-01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.0224e+01	-7.2215e-02	4.2687e-02
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.0360e+01	-2.8966e-01	5.1201e-02
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-9.1027e+00	-3.2177e-01	1.6674e-01
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	-8.7525e+00	6.7227e-01	3.4632e-01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-9.7817e+00	5.7959e-01	8.6500e-02
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.0096e+01	-9.7082e-03	6.3519e-02
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-8.9152e+00	-5.2284e-02	3.2334e-01
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	-9.6968e+00	1.8742e+00	1.4997e-01
	19	0.0000e+00	0.0000e+00	0.0000e+00	-7.9911e+00	2.9723e+00	-7.5285e-02
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-9.4194e+00	3.0070e-01	6.6860e-02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-8.6818e+00	1.0889e+00	2.9212e-01
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	-9.5580e+00	1.0866e+00	-2.6275e-01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-8.8338e+00	1.2656e+00	-3.9307e-01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-9.0246e+00	1.8004e+00	-1.3546e-01
	644	0.0000e+00	0.0000e+00	0.0000e+00	-9.6063e+00	1.4179e+00	-5.1388e-03
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	-9.3406e+00	3.8146e-01	-2.4539e-01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-8.8969e+00	2.9072e-01	-3.3021e-01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-8.9786e+00	7.0523e-01	-4.2722e-01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-9.4145e+00	8.2597e-01	-3.4240e-01
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	-9.2768e+00	1.4589e-03	-1.0153e-01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-8.9909e+00	-1.4805e-01	-1.0255e-01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-8.9510e+00	5.4586e-02	-2.6314e-01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-9.3186e+00	2.5516e-01	-2.6212e-01
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	-9.2926e+00	-6.5777e-02	8.4289e-02
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-9.0196e+00	-2.4325e-01	9.3021e-02
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-9.0131e+00	-2.1708e-01	-6.8503e-02
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-9.2832e+00	-4.2437e-02	-7.7234e-02
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	-9.3621e+00	1.6474e-01	2.6944e-01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-8.9832e+00	-3.9660e-02	2.8955e-01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-9.0090e+00	-1.8969e-01	1.2774e-01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-9.2993e+00	-4.1350e-02	1.0763e-01
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	-9.4953e+00	6.6345e-01	3.4268e-01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-9.0490e+00	5.4702e-01	4.5328e-01

	1067	0.0000e+00	0.0000e+00	0.0000e+00	-8.9407e+00	1.8524e-01	3.5980e-01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-9.4006e+00	2.7262e-01	2.4919e-01
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	-9.7291e+00	1.1618e+00	-1.8432e-02
	548	0.0000e+00	0.0000e+00	0.0000e+00	-9.1244e+00	1.5633e+00	1.3336e-01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-8.9132e+00	1.1081e+00	4.1023e-01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-9.6617e+00	9.0603e-01	2.5844e-01
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.1559e+01	9.1287e-01	-9.0101e-02
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-9.8688e+00	9.1542e-01	-1.6575e-01
	644	0.0000e+00	0.0000e+00	0.0000e+00	-9.9755e+00	1.2332e+00	-1.0706e-01
	633	0.0000e+00	0.0000e+00	0.0000e+00	-1.1591e+01	1.1079e+00	-3.1415e-02
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.1437e+01	5.2116e-01	-1.1631e-01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-9.7616e+00	3.5332e-01	-2.3159e-01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-9.9055e+00	7.3886e-01	-3.2305e-01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.1504e+01	7.7040e-01	-2.0777e-01
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.1354e+01	2.3225e-01	-3.3555e-02
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-9.7300e+00	7.4051e-03	-8.7069e-02
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-9.7840e+00	2.1632e-01	-2.7632e-01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.1398e+01	4.0404e-01	-2.2280e-01
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.1360e+01	1.6025e-01	9.1017e-02
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-9.7523e+00	-7.4681e-02	1.0350e-01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-9.7418e+00	-4.8487e-02	-1.1146e-01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.1348e+01	1.8518e-01	-1.2394e-01
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.1453e+01	3.0766e-01	1.8646e-01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-9.8306e+00	1.2228e-01	2.6590e-01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-9.7542e+00	-3.3673e-02	7.9030e-02
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.1384e+01	1.8832e-01	-4.0936e-04
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.1602e+01	5.9302e-01	1.6151e-01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-9.9916e+00	5.7124e-01	3.0408e-01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-9.8224e+00	2.4262e-01	2.1967e-01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.1509e+01	4.0485e-01	7.7104e-02
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.1730e+01	8.3063e-01	-2.9604e-02
	537	0.0000e+00	0.0000e+00	0.0000e+00	-1.0097e+01	9.6803e-01	6.9291e-02
	1060	0.0000e+00	0.0000e+00	0.0000e+00	-9.9698e+00	7.2693e-01	1.3941e-01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.1675e+01	7.1146e-01	4.0518e-02
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.5052e+01	8.3694e-01	9.6488e-03
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.2375e+01	7.0924e-01	-2.3449e-02
	633	0.0000e+00	0.0000e+00	0.0000e+00	-1.2411e+01	9.1575e-01	-1.1526e-01
	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.5077e+01	9.8819e-01	-8.2158e-02
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.4991e+01	5.6827e-01	-7.8487e-03
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.2299e+01	3.6868e-01	-8.0967e-02
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.2390e+01	6.1941e-01	-2.3112e-01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.5034e+01	7.4716e-01	-1.5800e-01
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.4941e+01	3.5764e-01	2.3567e-02
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.2254e+01	1.1680e-01	-2.2386e-02
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-1.2308e+01	2.8250e-01	-2.2587e-01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.4971e+01	4.8526e-01	-1.7991e-01
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.4954e+01	2.9203e-01	6.9752e-02
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.2275e+01	5.0387e-02	8.5253e-02
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.2262e+01	7.7926e-02	-1.3631e-01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.4939e+01	3.1930e-01	-1.5181e-01
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.5036e+01	3.8109e-01	9.3606e-02
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.2365e+01	1.8188e-01	1.7063e-01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	-1.2284e+01	7.3419e-02	-2.9528e-02
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.4975e+01	3.1055e-01	-1.0655e-01
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.5148e+01	5.5693e-01	6.2719e-02
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.2491e+01	4.3610e-01	1.6630e-01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	-1.2373e+01	2.5016e-01	2.2662e-02
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.5075e+01	4.4247e-01	-8.0923e-02
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.5238e+01	6.9718e-01	-2.4038e-02
	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.2552e+01	6.3101e-01	3.6972e-02
	1054	0.0000e+00	0.0000e+00	0.0000e+00	-1.2493e+01	5.0383e-01	-4.7143e-02
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.5185e+01	6.2103e-01	-1.0815e-01
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.9597e+01	8.2745e-01	6.7354e-02

1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.6256e+01	6.0756e-01	4.8605e-02	
622	0.0000e+00	0.0000e+00	0.0000e+00	-1.6254e+01	7.6995e-01	-1.4663e-01	
611	0.0000e+00	0.0000e+00	0.0000e+00	-1.9634e+01	9.7567e-01	-1.2788e-01	
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.9554e+01	5.8103e-01	6.9535e-02
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.6208e+01	3.5763e-01	1.7069e-02
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.6262e+01	5.4026e-01	-1.8399e-01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.9597e+01	7.5518e-01	-1.3153e-01
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.9521e+01	3.8975e-01	5.9680e-02
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.6174e+01	1.5999e-01	2.5073e-02
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.6208e+01	2.9037e-01	-1.8291e-01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.9551e+01	5.1402e-01	-1.4830e-01
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.9543e+01	3.2661e-01	3.5081e-02
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.6195e+01	9.8485e-02	5.3188e-02
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.6179e+01	1.2822e-01	-1.5617e-01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.9526e+01	3.5651e-01	-1.7428e-01
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.9625e+01	4.0165e-01	4.6909e-03
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.6274e+01	1.8174e-01	7.5445e-02
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.6209e+01	1.1325e-01	-1.2908e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.9561e+01	3.3921e-01	-1.9983e-01
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.9728e+01	5.5301e-01	-2.0720e-02
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.6379e+01	3.4384e-01	6.7475e-02
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.6294e+01	2.3029e-01	-1.2758e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.9651e+01	4.4633e-01	-2.1577e-01
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.9822e+01	6.7291e-01	-3.4425e-02
	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.6420e+01	4.7170e-01	1.9121e-02
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.6393e+01	3.8931e-01	-1.6973e-01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.9751e+01	5.9979e-01	-2.2328e-01
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	-2.4342e+01	8.6194e-01	1.1397e-01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-2.0977e+01	6.0068e-01	8.3376e-02
	611	0.0000e+00	0.0000e+00	0.0000e+00	-2.0967e+01	7.5431e-01	-1.6737e-01
	600	0.0000e+00	0.0000e+00	0.0000e+00	-2.4408e+01	1.0397e+00	-1.3678e-01
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	-2.4279e+01	5.5837e-01	1.3608e-01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-2.0923e+01	3.5420e-01	7.2981e-02
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-2.0969e+01	5.2423e-01	-1.3766e-01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-2.4350e+01	7.7926e-01	-7.4568e-02
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	-2.4242e+01	3.2885e-01	7.8697e-02
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-2.0883e+01	1.5387e-01	4.0215e-02
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-2.0910e+01	2.7865e-01	-1.3321e-01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-2.4286e+01	4.8174e-01	-9.4731e-02
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	-2.4270e+01	2.5832e-01	-2.2551e-02
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-2.0902e+01	8.6723e-02	-2.4403e-03
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-2.0884e+01	1.1873e-01	-1.6037e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-2.4251e+01	2.9141e-01	-1.8048e-01
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	-2.4367e+01	3.6017e-01	-1.1330e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-2.0985e+01	1.6206e-01	-3.4430e-02
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-2.0922e+01	1.0337e-01	-2.0397e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-2.4285e+01	2.7486e-01	-2.8284e-01
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	-2.4493e+01	5.6407e-01	-1.4321e-01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-2.1102e+01	3.1609e-01	-3.9303e-02
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-2.1021e+01	2.1795e-01	-2.4330e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-2.4384e+01	4.1468e-01	-3.4720e-01
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	-2.4617e+01	7.2370e-01	-9.2676e-02
	504	0.0000e+00	0.0000e+00	0.0000e+00	-2.1159e+01	4.4461e-01	-2.0648e-02
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-2.1134e+01	3.7090e-01	-2.6410e-01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-2.4511e+01	6.2252e-01	-3.3612e-01
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	-2.7908e+01	9.2954e-01	1.7611e-01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-2.5558e+01	6.9527e-01	1.0852e-01
	600	0.0000e+00	0.0000e+00	0.0000e+00	-2.5567e+01	8.7223e-01	-1.4034e-01
	589	0.0000e+00	0.0000e+00	0.0000e+00	-2.8024e+01	1.1805e+00	-7.2741e-02
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	-2.7813e+01	4.7275e-01	2.0420e-01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-2.5460e+01	3.6570e-01	1.0772e-01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-2.5522e+01	5.8115e-01	-3.7609e-02
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-2.7928e+01	7.9093e-01	5.8866e-02

1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	-2.7782e+01	1.5785e-01	7.1139e-02
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-2.5395e+01	1.0489e-01	2.5056e-02
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-2.5429e+01	2.6236e-01	-3.9501e-02
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-2.7832e+01	3.5013e-01	6.5819e-03
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	-2.7814e+01	6.5924e-02	-1.1591e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-2.5410e+01	2.6458e-02	-9.5484e-02
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-2.5391e+01	6.0541e-02	-1.3305e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-2.7796e+01	1.0297e-01	-1.5348e-01
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	-2.7912e+01	2.1733e-01	-2.8237e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-2.5509e+01	1.3760e-01	-1.9490e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-2.5436e+01	4.9772e-02	-2.5442e-01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-2.7825e+01	9.9786e-02	-3.4189e-01
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	-2.8072e+01	5.5982e-01	-3.4702e-01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-2.5665e+01	3.6105e-01	-2.0778e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-2.5564e+01	2.1932e-01	-3.4442e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-2.7918e+01	3.1842e-01	-4.8366e-01
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	-2.8234e+01	8.4706e-01	-2.3062e-01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-2.5776e+01	5.5042e-01	-1.1848e-01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-2.5727e+01	4.5261e-01	-3.5701e-01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-2.8078e+01	6.7596e-01	-4.6914e-01
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	-2.8230e+01	1.0067e+00	2.6087e-01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-2.8459e+01	9.1125e-01	1.3855e-01
	589	0.0000e+00	0.0000e+00	0.0000e+00	-2.8513e+01	1.1659e+00	-2.5470e-02
	578	0.0000e+00	0.0000e+00	0.0000e+00	-2.8401e+01	1.4280e+00	9.6857e-02
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	-2.8203e+01	2.5257e-01	2.0993e-01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-2.8289e+01	3.6602e-01	1.1029e-01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-2.8372e+01	7.1621e-01	1.7046e-01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-2.8304e+01	6.9848e-01	2.7010e-01
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	-2.8306e+01	-1.1498e-01	-3.8116e-02
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-2.8224e+01	4.2766e-03	-3.0478e-02
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-2.8262e+01	2.4039e-01	1.0932e-01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-2.8255e+01	5.4902e-02	1.0168e-01
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	-2.8346e+01	-2.3300e-01	-2.3550e-01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-2.8250e+01	-7.4673e-02	-2.1821e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-2.8233e+01	-3.8799e-02	-7.6821e-02
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-2.8332e+01	-1.8871e-01	-9.4107e-02
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	-2.8319e+01	-9.4568e-02	-4.3990e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-2.8338e+01	1.0649e-01	-4.1212e-01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-2.8264e+01	-5.7252e-02	-2.6529e-01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-2.8342e+01	-1.7627e-01	-2.9308e-01
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	-2.8423e+01	4.4535e-01	-6.2460e-01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-2.8508e+01	4.8248e-01	-4.8717e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-2.8388e+01	2.0668e-01	-4.1504e-01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-2.8291e+01	8.6568e-02	-5.5247e-01
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	-2.8574e+01	1.0698e+00	-4.7044e-01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-2.8715e+01	8.2936e-01	-3.0842e-01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-2.8621e+01	6.5223e-01	-4.5777e-01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-2.8372e+01	7.3737e-01	-6.1978e-01
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	-2.2249e+01	1.1821e+00	2.1941e-01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-2.7424e+01	1.2324e+00	1.5241e-01
	578	0.0000e+00	0.0000e+00	0.0000e+00	-2.7485e+01	1.7389e+00	2.4792e-01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-2.2311e+01	1.5810e+00	3.1493e-01
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	-2.3043e+01	-5.2623e-02	-2.8349e-01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-2.7228e+01	2.0924e-01	-3.9082e-02
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-2.7213e+01	8.9345e-01	5.2911e-01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-2.2610e+01	-8.3327e-02	2.8469e-01
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	-2.3539e+01	-3.3008e-01	-4.2319e-01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-2.7402e+01	-1.0320e-01	-1.8790e-01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-2.7344e+01	2.0602e-01	1.6806e-01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-2.3165e+01	-3.4307e-01	-6.7240e-02
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	-2.3597e+01	-4.2529e-01	-3.1799e-01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-2.7479e+01	-1.3954e-01	-3.0780e-01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-2.7464e+01	-1.0092e-01	-4.0559e-02

1018 0.0000e+00 0.0000e+00 0.0000e+00 -2.3593e+01 -3.9776e-01 -5.0751e-02

1582 1014 0.0000e+00 0.0000e+00 0.0000e+00 -2.3193e+01 -4.8909e-01 -3.1199e-01  
1025 0.0000e+00 0.0000e+00 0.0000e+00 -2.7402e+01 6.0078e-02 -5.2674e-01  
1026 0.0000e+00 0.0000e+00 0.0000e+00 -2.7428e+01 -1.7282e-01 -1.6132e-01  
1016 0.0000e+00 0.0000e+00 0.0000e+00 -2.3561e+01 -4.2026e-01 5.3426e-02

1583 1012 0.0000e+00 0.0000e+00 0.0000e+00 -2.2664e+01 -3.4438e-01 -6.8460e-01  
1024 0.0000e+00 0.0000e+00 0.0000e+00 -2.7316e+01 6.4297e-01 -9.0677e-01  
1025 0.0000e+00 0.0000e+00 0.0000e+00 -2.7299e+01 3.2923e-02 -3.2151e-01  
1014 0.0000e+00 0.0000e+00 0.0000e+00 -2.3088e+01 -2.5560e-01 -9.9332e-02

1584 460 0.0000e+00 0.0000e+00 0.0000e+00 -2.2388e+01 1.2114e+00 -7.3585e-01  
471 0.0000e+00 0.0000e+00 0.0000e+00 -2.7641e+01 1.3839e+00 -6.4546e-01  
1024 0.0000e+00 0.0000e+00 0.0000e+00 -2.7544e+01 9.5401e-01 -5.3154e-01  
1012 0.0000e+00 0.0000e+00 0.0000e+00 -2.2318e+01 8.7815e-01 -6.2193e-01

1585 1023 0.0000e+00 0.0000e+00 0.0000e+00 -8.0024e+00 -1.8670e+00 -3.2570e+00  
1022 0.0000e+00 0.0000e+00 0.0000e+00 -1.7547e+01 9.6951e-01 -7.6978e-01  
558 0.0000e+00 0.0000e+00 0.0000e+00 -2.0381e+01 2.8127e+00 1.1232e+00  
9 0.0000e+00 0.0000e+00 0.0000e+00 -6.0425e-01 1.5226e+00 -1.3640e+00

1586 1021 0.0000e+00 0.0000e+00 0.0000e+00 -1.0000e+01 -3.7801e-01 -1.9501e+00  
1020 0.0000e+00 0.0000e+00 0.0000e+00 -1.9729e+01 -7.4792e-02 -6.6959e-01  
1022 0.0000e+00 0.0000e+00 0.0000e+00 -1.8535e+01 8.2512e-01 -1.9671e-01  
1023 0.0000e+00 0.0000e+00 0.0000e+00 -8.8444e+00 9.7452e-02 -1.4772e+00

1587 1019 0.0000e+00 0.0000e+00 0.0000e+00 -1.0803e+01 -2.1664e-01 -1.1060e+00  
1018 0.0000e+00 0.0000e+00 0.0000e+00 -2.0656e+01 8.9030e-02 -5.9972e-01  
1020 0.0000e+00 0.0000e+00 0.0000e+00 -2.0203e+01 2.8387e-01 -3.3101e-01  
1021 0.0000e+00 0.0000e+00 0.0000e+00 -1.0327e+01 3.7487e-03 -8.3729e-01

1588 1017 0.0000e+00 0.0000e+00 0.0000e+00 -1.0900e+01 -2.7380e-01 -3.1410e-01  
1016 0.0000e+00 0.0000e+00 0.0000e+00 -2.0770e+01 1.1598e-01 -3.2628e-01  
1018 0.0000e+00 0.0000e+00 0.0000e+00 -2.0798e+01 1.4706e-01 -8.7813e-02  
1019 0.0000e+00 0.0000e+00 0.0000e+00 -1.0894e+01 1.6976e-02 -7.5633e-02

1589 1015 0.0000e+00 0.0000e+00 0.0000e+00 -1.0317e+01 -4.0671e-01 4.4275e-01  
1014 0.0000e+00 0.0000e+00 0.0000e+00 -2.0185e+01 1.3445e-01 -9.0370e-02  
1016 0.0000e+00 0.0000e+00 0.0000e+00 -2.0693e+01 -4.4702e-04 1.8403e-01  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -1.0786e+01 -5.7467e-02 7.1715e-01

1590 1013 0.0000e+00 0.0000e+00 0.0000e+00 -8.8045e+00 -4.1479e-01 1.0732e+00  
1012 0.0000e+00 0.0000e+00 0.0000e+00 -1.8522e+01 5.6555e-01 -2.4104e-01  
1014 0.0000e+00 0.0000e+00 0.0000e+00 -1.9772e+01 -2.8331e-01 2.4361e-01  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -9.9661e+00 -3.5952e-01 1.5579e+00

1591 8 0.0000e+00 0.0000e+00 0.0000e+00 -4.6217e-01 9.3288e-01 9.5045e-01  
460 0.0000e+00 0.0000e+00 0.0000e+00 -2.0406e+01 2.4518e+00 -1.5843e+00  
1012 0.0000e+00 0.0000e+00 0.0000e+00 -1.7588e+01 6.5901e-01 3.3005e-01  
1013 0.0000e+00 0.0000e+00 0.0000e+00 -7.9312e+00 -1.9954e+00 2.8648e+00

1592 1005 0.0000e+00 0.0000e+00 0.0000e+00 -8.6818e+00 1.0889e+00 -2.9205e-01  
1011 0.0000e+00 0.0000e+00 0.0000e+00 -9.4194e+00 3.0082e-01 -6.6882e-02  
15 0.0000e+00 0.0000e+00 0.0000e+00 -7.9913e+00 2.9722e+00 7.5236e-02  
421 0.0000e+00 0.0000e+00 0.0000e+00 -9.6967e+00 1.8742e+00 -1.4994e-01

1593 1004 0.0000e+00 0.0000e+00 0.0000e+00 -8.9151e+00 -5.2214e-02 -3.2325e-01  
1010 0.0000e+00 0.0000e+00 0.0000e+00 -1.0096e+01 -9.6474e-03 -6.3483e-02  
1011 0.0000e+00 0.0000e+00 0.0000e+00 -9.7816e+00 5.7962e-01 -8.6477e-02  
1005 0.0000e+00 0.0000e+00 0.0000e+00 -8.7525e+00 6.7232e-01 -3.4624e-01

1594 1003 0.0000e+00 0.0000e+00 0.0000e+00 -9.1025e+00 -3.2173e-01 -1.6665e-01  
1009 0.0000e+00 0.0000e+00 0.0000e+00 -1.0360e+01 -2.8962e-01 -5.1146e-02  
1010 0.0000e+00 0.0000e+00 0.0000e+00 -1.0224e+01 -7.2174e-02 -4.2639e-02  
1004 0.0000e+00 0.0000e+00 0.0000e+00 -9.0266e+00 -5.8608e-02 -1.5814e-01

1595 1002 0.0000e+00 0.0000e+00 0.0000e+00 -9.1272e+00 -2.9650e-01 -2.6107e-02  
1008 0.0000e+00 0.0000e+00 0.0000e+00 -1.0389e+01 -2.7790e-01 -3.2067e-02  
1009 0.0000e+00 0.0000e+00 0.0000e+00 -1.0395e+01 -3.0248e-01 -1.5288e-02  
1003 0.0000e+00 0.0000e+00 0.0000e+00 -9.1327e+00 -3.2046e-01 -9.3285e-03

1596 1001 0.0000e+00 0.0000e+00 0.0000e+00 -9.0011e+00 3.2368e-02 1.2042e-01  
1007 0.0000e+00 0.0000e+00 0.0000e+00 -1.0200e+01 2.1476e-02 -5.9753e-03  
1008 0.0000e+00 0.0000e+00 0.0000e+00 -1.0345e+01 -2.4354e-01 4.1461e-03  
1002 0.0000e+00 0.0000e+00 0.0000e+00 -9.0881e+00 -2.7650e-01 1.3054e-01

1597 1000 0.0000e+00 0.0000e+00 0.0000e+00 -8.7070e+00 8.2034e-01 3.0320e-01  
1006 0.0000e+00 0.0000e+00 0.0000e+00 -9.7464e+00 7.3322e-01 3.5160e-02

	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.0063e+01	1.0668e-01	1.5913e-02
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-8.8817e+00	6.1517e-02	2.8396e-01
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	-9.5601e+00	2.0923e+00	1.4748e-01
	14	0.0000e+00	0.0000e+00	0.0000e+00	-7.9936e+00	3.0698e+00	-9.9321e-02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-9.3899e+00	5.0328e-01	1.3969e-02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	-8.6166e+00	1.2338e+00	2.6077e-01
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	-9.6616e+00	9.0610e-01	-2.5831e-01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-8.9131e+00	1.1082e+00	-4.1014e-01
	421	0.0000e+00	0.0000e+00	0.0000e+00	-9.1243e+00	1.5633e+00	-1.3330e-01
	410	0.0000e+00	0.0000e+00	0.0000e+00	-9.7290e+00	1.1619e+00	1.8532e-02
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	-9.4004e+00	2.7269e-01	-2.4904e-01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-8.9406e+00	1.8531e-01	-3.5968e-01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-9.0489e+00	5.4709e-01	-4.5318e-01
	999	0.0000e+00	0.0000e+00	0.0000e+00	-9.4952e+00	6.6353e-01	-3.4253e-01
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	-9.2991e+00	-4.1313e-02	-1.0747e-01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	-9.0088e+00	-1.8964e-01	-1.2764e-01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-8.9830e+00	-3.9599e-02	-2.8944e-01
	998	0.0000e+00	0.0000e+00	0.0000e+00	-9.3618e+00	1.6480e-01	-2.6927e-01
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	-9.2829e+00	-4.2448e-02	7.7377e-02
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-9.0128e+00	-2.1706e-01	6.8602e-02
	1003	0.0000e+00	0.0000e+00	0.0000e+00	-9.0194e+00	-2.4322e-01	-9.2905e-02
	997	0.0000e+00	0.0000e+00	0.0000e+00	-9.2924e+00	-6.5750e-02	-8.4130e-02
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	-9.3182e+00	2.5509e-01	2.6222e-01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-8.9508e+00	5.4565e-02	2.6322e-01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-8.9907e+00	-1.4806e-01	1.0266e-01
	996	0.0000e+00	0.0000e+00	0.0000e+00	-9.2765e+00	1.4363e-03	1.0166e-01
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	-9.4141e+00	8.2583e-01	3.4243e-01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	-8.9783e+00	7.0517e-01	4.2724e-01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-8.8966e+00	2.9068e-01	3.3029e-01
	995	0.0000e+00	0.0000e+00	0.0000e+00	-9.3402e+00	3.8138e-01	2.4548e-01
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	-9.6059e+00	1.4177e+00	5.1166e-03
	314	0.0000e+00	0.0000e+00	0.0000e+00	-9.0243e+00	1.8003e+00	1.3543e-01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	-8.8335e+00	1.2655e+00	3.9308e-01
	994	0.0000e+00	0.0000e+00	0.0000e+00	-9.5576e+00	1.0864e+00	2.6277e-01
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	-1.1675e+01	7.1159e-01	-4.0315e-02
	999	0.0000e+00	0.0000e+00	0.0000e+00	-9.9697e+00	7.2703e-01	-1.3926e-01
	410	0.0000e+00	0.0000e+00	0.0000e+00	-1.0097e+01	9.6813e-01	-6.9174e-02
	399	0.0000e+00	0.0000e+00	0.0000e+00	-1.1730e+01	8.3078e-01	2.9773e-02
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	-1.1509e+01	4.0494e-01	-7.6864e-02
	998	0.0000e+00	0.0000e+00	0.0000e+00	-9.8221e+00	2.4270e-01	-2.1949e-01
	999	0.0000e+00	0.0000e+00	0.0000e+00	-9.9914e+00	5.7133e-01	-3.0392e-01
	993	0.0000e+00	0.0000e+00	0.0000e+00	-1.1602e+01	5.9314e-01	-1.6129e-01
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.1383e+01	1.8834e-01	6.5582e-04
	997	0.0000e+00	0.0000e+00	0.0000e+00	-9.7539e+00	-3.3626e-02	-7.8851e-02
	998	0.0000e+00	0.0000e+00	0.0000e+00	-9.8303e+00	1.2235e-01	-2.6571e-01
	992	0.0000e+00	0.0000e+00	0.0000e+00	-1.1453e+01	3.0773e-01	-1.8620e-01
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	-1.1347e+01	1.8513e-01	1.2416e-01
	996	0.0000e+00	0.0000e+00	0.0000e+00	-9.7414e+00	-4.8494e-02	1.1161e-01
	997	0.0000e+00	0.0000e+00	0.0000e+00	-9.7519e+00	-7.4660e-02	-1.0331e-01
	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.1360e+01	1.6026e-01	-9.0770e-02
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	-1.1398e+01	4.0390e-01	2.2296e-01
	995	0.0000e+00	0.0000e+00	0.0000e+00	-9.7836e+00	2.1625e-01	2.7642e-01
	996	0.0000e+00	0.0000e+00	0.0000e+00	-9.7296e+00	7.3689e-03	8.7224e-02
	990	0.0000e+00	0.0000e+00	0.0000e+00	-1.1354e+01	2.3217e-01	3.3761e-02
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	-1.1504e+01	7.7017e-01	2.0783e-01
	994	0.0000e+00	0.0000e+00	0.0000e+00	-9.9050e+00	7.3872e-01	3.2308e-01
	995	0.0000e+00	0.0000e+00	0.0000e+00	-9.7612e+00	3.5321e-01	2.3169e-01
	989	0.0000e+00	0.0000e+00	0.0000e+00	-1.1436e+01	5.2099e-01	1.1644e-01
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	-1.1591e+01	1.1076e+00	3.1375e-02
	304	0.0000e+00	0.0000e+00	0.0000e+00	-9.9750e+00	1.2330e+00	1.0702e-01
	994	0.0000e+00	0.0000e+00	0.0000e+00	-9.8683e+00	9.1524e-01	1.6577e-01
	988	0.0000e+00	0.0000e+00	0.0000e+00	-1.1559e+01	9.1262e-01	9.0132e-02
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.5185e+01	6.2122e-01	1.0845e-01



	993	0.0000e+00	0.0000e+00	0.0000e+00	-1.2493e+01	5.0399e-01	4.7375e-02
	399	0.0000e+00	0.0000e+00	0.0000e+00	-1.2552e+01	6.3117e-01	-3.6784e-02
	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.5238e+01	6.9741e-01	2.4293e-02
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.5075e+01	4.4259e-01	8.1276e-02
	992	0.0000e+00	0.0000e+00	0.0000e+00	-1.2373e+01	2.5026e-01	-2.2391e-02
	993	0.0000e+00	0.0000e+00	0.0000e+00	-1.2491e+01	4.3623e-01	-1.6606e-01
	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.5147e+01	5.5710e-01	-6.2391e-02
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.4975e+01	3.1056e-01	1.0692e-01
	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.2283e+01	7.3456e-02	2.9803e-02
	992	0.0000e+00	0.0000e+00	0.0000e+00	-1.2365e+01	1.8195e-01	-1.7035e-01
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.5035e+01	3.8118e-01	-9.3235e-02
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	-1.4938e+01	3.1918e-01	1.5214e-01
	990	0.0000e+00	0.0000e+00	0.0000e+00	-1.2261e+01	7.7873e-02	1.3655e-01
	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.2275e+01	5.0384e-02	-8.4976e-02
	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.4953e+01	2.9201e-01	-6.9385e-02
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.4970e+01	4.8501e-01	1.8015e-01
	989	0.0000e+00	0.0000e+00	0.0000e+00	-1.2307e+01	2.8235e-01	2.2603e-01
	990	0.0000e+00	0.0000e+00	0.0000e+00	-1.2254e+01	1.1671e-01	2.2621e-02
	984	0.0000e+00	0.0000e+00	0.0000e+00	-1.4940e+01	3.5748e-01	-2.3256e-02
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.5033e+01	7.4679e-01	1.5811e-01
	988	0.0000e+00	0.0000e+00	0.0000e+00	-1.2390e+01	6.1916e-01	2.3118e-01
	989	0.0000e+00	0.0000e+00	0.0000e+00	-1.2299e+01	3.6849e-01	8.1121e-02
	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.4990e+01	5.6798e-01	8.0505e-03
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.5076e+01	9.8774e-01	8.2095e-02
	294	0.0000e+00	0.0000e+00	0.0000e+00	-1.2410e+01	9.1542e-01	1.1519e-01
	988	0.0000e+00	0.0000e+00	0.0000e+00	-1.2375e+01	7.0896e-01	2.3496e-02
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.5051e+01	8.3654e-01	-9.5983e-03
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.9750e+01	6.0008e-01	2.2370e-01
	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.6393e+01	3.8953e-01	1.7007e-01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.6420e+01	4.7195e-01	-1.8847e-02
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.9821e+01	6.7325e-01	3.4780e-02
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.9650e+01	4.4650e-01	2.1627e-01
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.6294e+01	2.3043e-01	1.2797e-01
	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.6378e+01	3.4403e-01	-6.7120e-02
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.9727e+01	5.5326e-01	2.1179e-02
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.9560e+01	3.3921e-01	2.0036e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.6208e+01	1.1327e-01	1.2949e-01
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.6274e+01	1.8184e-01	-7.5041e-02
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.9624e+01	4.0177e-01	-4.1685e-03
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.9525e+01	3.5631e-01	1.7476e-01
	984	0.0000e+00	0.0000e+00	0.0000e+00	-1.6178e+01	1.2810e-01	1.5654e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.6194e+01	9.8451e-02	-5.2783e-02
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.9542e+01	3.2655e-01	-3.4555e-02
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.9550e+01	5.1361e-01	1.4866e-01
	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.6207e+01	2.9009e-01	1.8317e-01
	984	0.0000e+00	0.0000e+00	0.0000e+00	-1.6173e+01	1.5981e-01	-2.4723e-02
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.9520e+01	3.8949e-01	-5.9225e-02
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.9596e+01	7.5459e-01	1.3169e-01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.6261e+01	5.3985e-01	1.8409e-01
	983	0.0000e+00	0.0000e+00	0.0000e+00	-1.6207e+01	3.5730e-01	-1.6833e-02
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.9553e+01	5.8057e-01	-6.9233e-02
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.9633e+01	9.7498e-01	1.2779e-01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.6253e+01	7.6945e-01	1.4654e-01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.6255e+01	6.0712e-01	-4.8531e-02
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.9596e+01	8.2683e-01	-6.7274e-02
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.4510e+01	6.2294e-01	3.3668e-01
	981	0.0000e+00	0.0000e+00	0.0000e+00	-2.1133e+01	3.7122e-01	2.6456e-01
	377	0.0000e+00	0.0000e+00	0.0000e+00	-2.1159e+01	4.4498e-01	2.1022e-02
	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.4617e+01	7.2418e-01	9.3140e-02
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.4384e+01	4.1492e-01	3.4787e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-2.1020e+01	2.1814e-01	2.4385e-01
	981	0.0000e+00	0.0000e+00	0.0000e+00	-2.1102e+01	3.1637e-01	3.9791e-02
	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.4493e+01	5.6444e-01	1.4382e-01

1629	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.4284e+01	2.7486e-01	2.8356e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	-2.0922e+01	1.0338e-01	2.0454e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-2.0985e+01	1.6220e-01	3.4990e-02
	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.4366e+01	3.6034e-01	1.1400e-01
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.4250e+01	2.9112e-01	1.8115e-01
	978	0.0000e+00	0.0000e+00	0.0000e+00	-2.0883e+01	1.1852e-01	1.6089e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	-2.0901e+01	8.6655e-02	3.0092e-03
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.4269e+01	2.5824e-01	2.3267e-02
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.4285e+01	4.8113e-01	9.5247e-02
	977	0.0000e+00	0.0000e+00	0.0000e+00	-2.0909e+01	2.7821e-01	1.3359e-01
	978	0.0000e+00	0.0000e+00	0.0000e+00	-2.0882e+01	1.5357e-01	-3.9715e-02
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.4241e+01	3.2846e-01	-7.8063e-02
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.4348e+01	7.7838e-01	7.4816e-02
	976	0.0000e+00	0.0000e+00	0.0000e+00	-2.0967e+01	5.2358e-01	1.3782e-01
	977	0.0000e+00	0.0000e+00	0.0000e+00	-2.0922e+01	3.5368e-01	-7.2636e-02
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.4278e+01	5.5768e-01	-1.3564e-01
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.4407e+01	1.0386e+00	1.3667e-01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-2.0966e+01	7.5353e-01	1.6724e-01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-2.0976e+01	5.9998e-01	-8.3266e-02
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.4341e+01	8.6099e-01	-1.1384e-01
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	-2.8077e+01	6.7657e-01	4.6984e-01
	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.5726e+01	4.5307e-01	3.5762e-01
	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.5776e+01	5.5096e-01	1.1896e-01
	355	0.0000e+00	0.0000e+00	0.0000e+00	-2.8234e+01	8.4774e-01	2.3118e-01
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	-2.7917e+01	3.1878e-01	4.8451e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.5563e+01	2.1959e-01	3.4515e-01
	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.5665e+01	3.6146e-01	2.0842e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-2.8072e+01	5.6034e-01	3.4778e-01
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	-2.7824e+01	9.9803e-02	3.4280e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.5435e+01	4.9778e-02	2.5519e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.5509e+01	1.3779e-01	1.9564e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-2.7911e+01	2.1757e-01	2.8325e-01
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	-2.7796e+01	1.0257e-01	1.5435e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.5390e+01	6.0221e-02	1.3376e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.5409e+01	2.6359e-02	9.6242e-02
	967	0.0000e+00	0.0000e+00	0.0000e+00	-2.7814e+01	6.5805e-02	1.1682e-01
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	-2.7831e+01	3.4927e-01	-5.8813e-03
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.5428e+01	2.6169e-01	4.0047e-02
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.5394e+01	1.0445e-01	-2.4377e-02
	966	0.0000e+00	0.0000e+00	0.0000e+00	-2.7781e+01	1.5731e-01	-7.0306e-02
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	-2.7927e+01	7.8963e-01	-5.8500e-02
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.5521e+01	5.8017e-01	3.7852e-02
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.5459e+01	3.6491e-01	-1.0724e-01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-2.7812e+01	4.7175e-01	-2.0359e-01
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.8023e+01	1.1789e+00	7.2607e-02
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.5566e+01	8.7105e-01	1.4017e-01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.5557e+01	6.9420e-01	-1.0835e-01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-2.7907e+01	9.2814e-01	-1.7592e-01
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	-2.8371e+01	7.3820e-01	6.2059e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-2.8620e+01	6.5288e-01	4.5851e-01
	355	0.0000e+00	0.0000e+00	0.0000e+00	-2.8715e+01	8.3013e-01	3.0899e-01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-2.8574e+01	1.0708e+00	4.7107e-01
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	-2.8290e+01	8.7040e-02	5.5346e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-2.8388e+01	2.0705e-01	4.1593e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-2.8508e+01	4.8307e-01	4.8795e-01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-2.8422e+01	4.4608e-01	6.2548e-01
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	-2.8342e+01	-1.7624e-01	2.9413e-01
	967	0.0000e+00	0.0000e+00	0.0000e+00	-2.8263e+01	-5.7249e-02	2.6624e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-2.8337e+01	1.0677e-01	4.1303e-01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-2.8319e+01	-9.4230e-02	4.4092e-01
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	-2.8332e+01	-1.8920e-01	9.5131e-02
	966	0.0000e+00	0.0000e+00	0.0000e+00	-2.8232e+01	-3.9245e-02	7.7730e-02
	967	0.0000e+00	0.0000e+00	0.0000e+00	-2.8250e+01	-7.4791e-02	2.1915e-01

	961	0.0000e+00	0.0000e+00	0.0000e+00	-2.8346e+01	-2.3313e-01	2.3655e-01
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	-2.8254e+01	5.3785e-02	-1.0081e-01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-2.8261e+01	2.3945e-01	-1.0858e-01
	966	0.0000e+00	0.0000e+00	0.0000e+00	-2.8224e+01	3.6862e-03	3.1333e-02
	960	0.0000e+00	0.0000e+00	0.0000e+00	-2.8306e+01	-1.1566e-01	3.9104e-02
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	-2.8303e+01	6.9666e-01	-2.6958e-01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-2.8371e+01	7.1476e-01	-1.7009e-01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-2.8288e+01	3.6490e-01	-1.0965e-01
	959	0.0000e+00	0.0000e+00	0.0000e+00	-2.8203e+01	2.5126e-01	-2.0914e-01
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	-2.8400e+01	1.4257e+00	-9.6990e-02
	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.8512e+01	1.1642e+00	2.5274e-02
	964	0.0000e+00	0.0000e+00	0.0000e+00	-2.8458e+01	9.0966e-01	-1.3830e-01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-2.8229e+01	1.0047e+00	-2.6057e-01
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	-2.2318e+01	8.7934e-01	6.2280e-01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-2.7544e+01	9.5491e-01	5.3239e-01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-2.7641e+01	1.3850e+00	6.4609e-01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-2.2387e+01	1.2127e+00	7.3649e-01
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.3088e+01	-2.5489e-01	1.0034e-01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-2.7299e+01	3.3400e-02	3.2251e-01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-2.7315e+01	6.4377e-01	9.0768e-01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-2.2664e+01	-3.4361e-01	6.8551e-01
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	-2.3561e+01	-4.2007e-01	-5.2373e-02
	961	0.0000e+00	0.0000e+00	0.0000e+00	-2.7428e+01	-1.7282e-01	1.6239e-01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-2.7402e+01	6.0463e-02	5.2776e-01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.3193e+01	-4.8881e-01	3.1300e-01
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	-2.3593e+01	-3.9816e-01	5.1775e-02
	960	0.0000e+00	0.0000e+00	0.0000e+00	-2.7463e+01	-1.0150e-01	4.1604e-02
	961	0.0000e+00	0.0000e+00	0.0000e+00	-2.7479e+01	-1.3966e-01	3.0885e-01
	952	0.0000e+00	0.0000e+00	0.0000e+00	-2.3596e+01	-4.2559e-01	3.1902e-01
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	-2.3165e+01	-3.4419e-01	6.8148e-02
	959	0.0000e+00	0.0000e+00	0.0000e+00	-2.7344e+01	2.0477e-01	-1.6714e-01
	960	0.0000e+00	0.0000e+00	0.0000e+00	-2.7401e+01	-1.0391e-01	1.8888e-01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-2.3539e+01	-3.3107e-01	4.2416e-01
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	-2.2610e+01	-8.5329e-02	-2.8404e-01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-2.7212e+01	8.9144e-01	-5.2851e-01
	959	0.0000e+00	0.0000e+00	0.0000e+00	-2.7228e+01	2.0782e-01	3.9865e-02
	948	0.0000e+00	0.0000e+00	0.0000e+00	-2.3043e+01	-5.4454e-02	2.8433e-01
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	-2.2311e+01	1.5777e+00	-3.1504e-01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-2.7485e+01	1.7363e+00	-2.4813e-01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-2.7423e+01	1.2301e+00	-1.5202e-01
	946	0.0000e+00	0.0000e+00	0.0000e+00	-2.2249e+01	1.1792e+00	-2.1894e-01
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	-7.9308e+00	-1.9954e+00	-2.8643e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.7587e+01	6.6019e-01	-3.2944e-01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-2.0406e+01	2.4533e+00	1.5849e+00
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.6114e-01	9.3559e-01	-9.4996e-01
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	-9.9661e+00	-3.6013e-01	-1.5572e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-1.9772e+01	-2.8272e-01	-2.4287e-01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.8522e+01	5.6650e-01	2.4174e-01
	957	0.0000e+00	0.0000e+00	0.0000e+00	-8.8041e+00	-4.1254e-01	-1.0726e+00
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	-1.0787e+01	-5.8832e-02	-7.1649e-01
	952	0.0000e+00	0.0000e+00	0.0000e+00	-2.0693e+01	-4.2278e-04	-1.8327e-01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.0185e+01	1.3487e-01	9.1125e-02
	955	0.0000e+00	0.0000e+00	0.0000e+00	-1.0317e+01	-4.0490e-01	-4.4210e-01
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.0895e+01	1.4672e-02	7.6209e-02
	950	0.0000e+00	0.0000e+00	0.0000e+00	-2.0798e+01	1.4643e-01	8.8496e-02
	952	0.0000e+00	0.0000e+00	0.0000e+00	-2.0770e+01	1.1580e-01	3.2702e-01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-1.0900e+01	-2.7242e-01	3.1473e-01
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-1.0328e+01	2.6606e-04	8.3769e-01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-2.0203e+01	2.8244e-01	3.3152e-01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-2.0656e+01	8.8152e-02	6.0034e-01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.0804e+01	-2.1570e-01	1.1065e+00
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-8.8465e+00	9.2499e-02	1.4774e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.8536e+01	8.2267e-01	1.9695e-01

	948	0.0000e+00	0.0000e+00	0.0000e+00	-1.9730e+01	-7.6502e-02	6.7000e-01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-1.0002e+01	-3.7758e-01	1.9504e+00
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.0809e-01	1.5157e+00	1.3639e+00
	234	0.0000e+00	0.0000e+00	0.0000e+00	-2.0380e+01	2.8090e+00	-1.1233e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.7548e+01	9.6647e-01	7.6968e-01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-8.0045e+00	-1.8670e+00	3.2569e+00
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	-8.8286e+00	8.7675e-01	-3.1513e-01
	945	0.0000e+00	0.0000e+00	0.0000e+00	-9.7545e+00	4.6272e-02	-2.1513e-02
	18	0.0000e+00	0.0000e+00	0.0000e+00	-8.1434e+00	2.9178e+00	1.4011e-01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-9.8505e+00	1.7652e+00	-1.5351e-01
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	-9.2124e+00	-3.0433e-01	-3.5462e-01
	944	0.0000e+00	0.0000e+00	0.0000e+00	-1.0513e+01	-2.3723e-01	-4.0434e-02
	945	0.0000e+00	0.0000e+00	0.0000e+00	-1.0140e+01	4.0141e-01	-2.9021e-02
	938	0.0000e+00	0.0000e+00	0.0000e+00	-8.9550e+00	4.4575e-01	-3.4321e-01
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	-9.4768e+00	-6.4913e-01	-1.9906e-01
	943	0.0000e+00	0.0000e+00	0.0000e+00	-1.0881e+01	-5.8949e-01	-3.3009e-02
	944	0.0000e+00	0.0000e+00	0.0000e+00	-1.0673e+01	-3.0809e-01	2.4484e-03
	937	0.0000e+00	0.0000e+00	0.0000e+00	-9.3517e+00	-3.1912e-01	-1.6361e-01
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	-9.5864e+00	-7.7603e-01	-7.6948e-02
	942	0.0000e+00	0.0000e+00	0.0000e+00	-1.1024e+01	-7.1678e-01	-1.8163e-02
	943	0.0000e+00	0.0000e+00	0.0000e+00	-1.0952e+01	-6.2475e-01	3.2053e-02
	936	0.0000e+00	0.0000e+00	0.0000e+00	-9.5402e+00	-6.6559e-01	-2.6732e-02
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	-9.5579e+00	-7.0984e-01	4.0117e-02
	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.0990e+01	-6.6129e-01	2.8562e-03
	942	0.0000e+00	0.0000e+00	0.0000e+00	-1.1031e+01	-7.2442e-01	5.4695e-02
	935	0.0000e+00	0.0000e+00	0.0000e+00	-9.5915e+00	-7.7918e-01	9.1956e-02
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	-9.3863e+00	-4.0494e-01	1.7668e-01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.0747e+01	-3.8481e-01	2.5975e-02
	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.0932e+01	-6.4154e-01	6.5484e-02
	934	0.0000e+00	0.0000e+00	0.0000e+00	-9.5032e+00	-7.0017e-01	2.1619e-01
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	-8.9856e+00	3.3619e-01	3.5982e-01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-1.0234e+01	2.9954e-01	4.8003e-02
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.0595e+01	-3.2960e-01	6.4752e-02
	933	0.0000e+00	0.0000e+00	0.0000e+00	-9.2504e+00	-3.9963e-01	3.7657e-01
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	-9.9426e+00	1.6697e+00	1.6792e-01
	17	0.0000e+00	0.0000e+00	0.0000e+00	-8.1307e+00	2.8816e+00	-1.4283e-01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-9.8406e+00	-1.0005e-01	2.4920e-02
	932	0.0000e+00	0.0000e+00	0.0000e+00	-8.8563e+00	7.7759e-01	3.3567e-01
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	-9.7462e+00	7.4901e-01	-3.3594e-01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-9.0423e+00	9.2598e-01	-4.6684e-01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-9.2431e+00	1.4235e+00	-1.7044e-01
	527	0.0000e+00	0.0000e+00	0.0000e+00	-9.8081e+00	1.0097e+00	-3.9540e-02
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	-9.5029e+00	4.9799e-03	-3.3182e-01
	937	0.0000e+00	0.0000e+00	0.0000e+00	-9.1586e+00	-6.9369e-02	-3.9602e-01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-9.2223e+00	3.3864e-01	-4.9684e-01
	931	0.0000e+00	0.0000e+00	0.0000e+00	-9.5680e+00	4.6524e-01	-4.3264e-01
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	-9.4501e+00	-4.0119e-01	-1.9491e-01
	936	0.0000e+00	0.0000e+00	0.0000e+00	-9.2974e+00	-5.1344e-01	-1.7726e-01
	937	0.0000e+00	0.0000e+00	0.0000e+00	-9.2219e+00	-2.9207e-01	-3.2412e-01
	930	0.0000e+00	0.0000e+00	0.0000e+00	-9.4902e+00	-1.1160e-01	-3.4178e-01
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	-9.4599e+00	-5.5515e-01	-2.3952e-02
	935	0.0000e+00	0.0000e+00	0.0000e+00	-9.3632e+00	-6.7642e-01	-1.0261e-02
	936	0.0000e+00	0.0000e+00	0.0000e+00	-9.3309e+00	-5.9755e-01	-1.4516e-01
	929	0.0000e+00	0.0000e+00	0.0000e+00	-9.4647e+00	-4.4994e-01	-1.5885e-01
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	-9.4687e+00	-4.8902e-01	1.5993e-01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-9.3443e+00	-6.3579e-01	1.5205e-01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-9.3672e+00	-6.8413e-01	1.6169e-02
	928	0.0000e+00	0.0000e+00	0.0000e+00	-9.4616e+00	-5.6007e-01	2.4049e-02
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	-9.4998e+00	-1.8860e-01	3.4873e-01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-9.2483e+00	-3.7186e-01	3.3528e-01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-9.3180e+00	-5.6597e-01	1.8494e-01
	927	0.0000e+00	0.0000e+00	0.0000e+00	-9.4570e+00	-4.4959e-01	1.9839e-01
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	-9.5822e+00	3.6364e-01	4.4863e-01

	932	0.0000e+00	0.0000e+00	0.0000e+00	-9.2614e+00	2.3023e-01	5.1730e-01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-9.1906e+00	-1.5807e-01	4.1097e-01
	926	0.0000e+00	0.0000e+00	0.0000e+00	-9.5152e+00	-7.9540e-02	3.4230e-01
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	-9.8326e+00	8.9484e-01	5.0890e-02
	861	0.0000e+00	0.0000e+00	0.0000e+00	-9.2856e+00	1.3175e+00	1.8539e-01
	932	0.0000e+00	0.0000e+00	0.0000e+00	-9.0791e+00	8.3109e-01	4.8883e-01
	925	0.0000e+00	0.0000e+00	0.0000e+00	-9.7692e+00	6.4899e-01	3.5433e-01
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.1709e+01	5.4452e-01	-1.3486e-01
	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.0020e+01	5.6935e-01	-2.2288e-01
	527	0.0000e+00	0.0000e+00	0.0000e+00	-1.0147e+01	8.0242e-01	-1.4207e-01
	516	0.0000e+00	0.0000e+00	0.0000e+00	-1.1759e+01	6.6617e-01	-5.4039e-02
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	-1.1524e+01	1.5384e-01	-1.7567e-01
	930	0.0000e+00	0.0000e+00	0.0000e+00	-9.8850e+00	-6.8599e-03	-3.1297e-01
	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.0063e+01	3.6148e-01	-4.1057e-01
	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.1622e+01	3.9530e-01	-2.7327e-01
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.1391e+01	-1.7663e-01	-9.4442e-02
	929	0.0000e+00	0.0000e+00	0.0000e+00	-9.8356e+00	-3.8487e-01	-1.6830e-01
	930	0.0000e+00	0.0000e+00	0.0000e+00	-9.9053e+00	-1.6476e-01	-3.6824e-01
	923	0.0000e+00	0.0000e+00	0.0000e+00	-1.1469e+01	2.5505e-02	-2.9438e-01
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.1343e+01	-3.2536e-01	4.0867e-02
	928	0.0000e+00	0.0000e+00	0.0000e+00	-9.8285e+00	-5.5045e-01	1.8556e-02
	929	0.0000e+00	0.0000e+00	0.0000e+00	-9.8450e+00	-4.7125e-01	-2.0936e-01
	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.1371e+01	-2.4207e-01	-1.8705e-01
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	-1.1367e+01	-2.7605e-01	1.8718e-01
	927	0.0000e+00	0.0000e+00	0.0000e+00	-9.8465e+00	-5.0626e-01	2.0728e-01
	928	0.0000e+00	0.0000e+00	0.0000e+00	-9.8305e+00	-5.5745e-01	-2.2103e-02
	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.1343e+01	-3.3048e-01	-4.2201e-02
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	-1.1462e+01	-4.3358e-02	2.9978e-01
	926	0.0000e+00	0.0000e+00	0.0000e+00	-9.9105e+00	-2.3667e-01	3.7212e-01
	927	0.0000e+00	0.0000e+00	0.0000e+00	-9.8407e+00	-4.3276e-01	1.6840e-01
	920	0.0000e+00	0.0000e+00	0.0000e+00	-1.1387e+01	-2.2003e-01	9.6060e-02
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	-1.1614e+01	2.9946e-01	2.8441e-01
	925	0.0000e+00	0.0000e+00	0.0000e+00	-1.0074e+01	2.6485e-01	4.2217e-01
	926	0.0000e+00	0.0000e+00	0.0000e+00	-9.8929e+00	-8.8707e-02	3.2111e-01
	919	0.0000e+00	0.0000e+00	0.0000e+00	-1.1519e+01	7.8104e-02	1.8336e-01
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	-1.1750e+01	5.5173e-01	6.8427e-02
	853	0.0000e+00	0.0000e+00	0.0000e+00	-1.0160e+01	6.8941e-01	1.5528e-01
	925	0.0000e+00	0.0000e+00	0.0000e+00	-1.0032e+01	4.6823e-01	2.3596e-01
	918	0.0000e+00	0.0000e+00	0.0000e+00	-1.1703e+01	4.4510e-01	1.4911e-01
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.5205e+01	4.4599e-01	2.2986e-02
	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.2496e+01	3.2979e-01	-3.7235e-02
	516	0.0000e+00	0.0000e+00	0.0000e+00	-1.2573e+01	4.4633e-01	-1.3249e-01
	505	0.0000e+00	0.0000e+00	0.0000e+00	-1.5249e+01	5.1998e-01	-7.2264e-02
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.5067e+01	2.0292e-01	-2.1202e-03
	923	0.0000e+00	0.0000e+00	0.0000e+00	-1.2356e+01	1.1419e-03	-1.1828e-01
	924	0.0000e+00	0.0000e+00	0.0000e+00	-1.2499e+01	2.2305e-01	-2.8714e-01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.5158e+01	3.5784e-01	-1.7098e-01
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.4937e+01	-4.0553e-02	3.3699e-02
	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.2248e+01	-2.8898e-01	-5.9385e-02
	923	0.0000e+00	0.0000e+00	0.0000e+00	-1.2352e+01	-1.1381e-01	-2.9259e-01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.5020e+01	1.0259e-01	-1.9951e-01
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.4877e+01	-1.6623e-01	9.9952e-02
	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.2206e+01	-4.3066e-01	6.3955e-02
	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.2244e+01	-3.6016e-01	-1.9801e-01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.4912e+01	-1.0246e-01	-1.6202e-01
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	-1.4901e+01	-1.3248e-01	1.6922e-01
	920	0.0000e+00	0.0000e+00	0.0000e+00	-1.2238e+01	-3.9096e-01	1.9741e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	-1.2207e+01	-4.3720e-01	-6.5732e-02
	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.4876e+01	-1.7119e-01	-9.3922e-02
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	-1.4999e+01	4.0088e-02	2.1075e-01
	919	0.0000e+00	0.0000e+00	0.0000e+00	-1.2342e+01	-1.7823e-01	2.9685e-01
	920	0.0000e+00	0.0000e+00	0.0000e+00	-1.2243e+01	-3.3209e-01	6.0783e-02
	913	0.0000e+00	0.0000e+00	0.0000e+00	-1.4925e+01	-7.9882e-02	-2.5324e-02

1692	911	0.0000e+00	0.0000e+00	0.0000e+00	-1.5127e+01	2.6816e-01	1.8721e-01
	918	0.0000e+00	0.0000e+00	0.0000e+00	-1.2486e+01	1.3209e-01	2.9754e-01
	919	0.0000e+00	0.0000e+00	0.0000e+00	-1.2346e+01	-7.3592e-02	1.2573e-01
	912	0.0000e+00	0.0000e+00	0.0000e+00	-1.5044e+01	1.3279e-01	1.5396e-02
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.5208e+01	4.1124e-01	9.3636e-02
	845	0.0000e+00	0.0000e+00	0.0000e+00	-1.2555e+01	3.3601e-01	1.4811e-01
	918	0.0000e+00	0.0000e+00	0.0000e+00	-1.2483e+01	2.3143e-01	5.0499e-02
	911	0.0000e+00	0.0000e+00	0.0000e+00	-1.5172e+01	3.5076e-01	-3.9745e-03
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.9800e+01	4.2666e-01	1.4868e-01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.6392e+01	2.0275e-01	9.6715e-02
	505	0.0000e+00	0.0000e+00	0.0000e+00	-1.6445e+01	2.7475e-01	-1.2475e-01
	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.9852e+01	4.9225e-01	-7.2789e-02
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.9678e+01	2.2071e-01	1.5505e-01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.6268e+01	-2.0936e-02	5.3292e-02
	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.6376e+01	1.3020e-01	-1.8182e-01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.9775e+01	3.5716e-01	-8.0065e-02
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.9561e+01	8.1251e-03	1.5359e-01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.6152e+01	-2.4648e-01	6.3111e-02
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.6247e+01	-1.0976e-01	-1.8702e-01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.9648e+01	1.3418e-01	-9.6540e-02
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.9503e+01	-1.0534e-01	1.4587e-01
	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.6098e+01	-3.6494e-01	1.0721e-01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.6138e+01	-3.0559e-01	-1.5164e-01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.9541e+01	-4.9269e-02	-1.1298e-01
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.9524e+01	-7.6071e-02	1.3507e-01
	913	0.0000e+00	0.0000e+00	0.0000e+00	-1.6125e+01	-3.3274e-01	1.6065e-01
	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.6097e+01	-3.7129e-01	-9.9109e-02
	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.9501e+01	-1.1022e-01	-1.2470e-01
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.9612e+01	7.7018e-02	1.2208e-01
	912	0.0000e+00	0.0000e+00	0.0000e+00	-1.6222e+01	-1.6813e-01	1.9984e-01
	913	0.0000e+00	0.0000e+00	0.0000e+00	-1.6137e+01	-2.8595e-01	-5.2529e-02
	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.9540e+01	-2.8090e-02	-1.3029e-01
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.9719e+01	2.7310e-01	1.1011e-01
	911	0.0000e+00	0.0000e+00	0.0000e+00	-1.6339e+01	4.5334e-02	1.9974e-01
	912	0.0000e+00	0.0000e+00	0.0000e+00	-1.6240e+01	-9.0510e-02	-3.7818e-02
	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.9638e+01	1.5520e-01	-1.2744e-01
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.9778e+01	3.8844e-01	1.0702e-01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.6398e+01	1.7080e-01	1.4775e-01
	911	0.0000e+00	0.0000e+00	0.0000e+00	-1.6352e+01	1.0888e-01	-7.5373e-02
	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.9741e+01	3.3596e-01	-1.1611e-01
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	-2.4629e+01	4.6202e-01	2.5424e-01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-2.1175e+01	1.8440e-01	1.9523e-01
	494	0.0000e+00	0.0000e+00	0.0000e+00	-2.1223e+01	2.4787e-01	-9.5020e-02
	483	0.0000e+00	0.0000e+00	0.0000e+00	-2.4700e+01	5.4877e-01	-3.6016e-02
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	-2.4504e+01	2.0923e-01	2.9018e-01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-2.1049e+01	-2.7994e-02	1.8656e-01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-2.1141e+01	1.0999e-01	-6.7138e-02
	903	0.0000e+00	0.0000e+00	0.0000e+00	-2.4619e+01	3.7841e-01	3.6486e-02
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	-2.4400e+01	-2.8414e-02	2.4761e-01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-2.0928e+01	-2.4516e-01	1.6089e-01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-2.1013e+01	-1.1573e-01	-6.2188e-02
	902	0.0000e+00	0.0000e+00	0.0000e+00	-2.4490e+01	1.1214e-01	2.4541e-02
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	-2.4352e+01	-1.4746e-01	1.6933e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	-2.0870e+01	-3.5809e-01	1.3186e-01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-2.0908e+01	-3.0151e-01	-7.9810e-02
	901	0.0000e+00	0.0000e+00	0.0000e+00	-2.4389e+01	-9.0233e-02	-4.2343e-02
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	-2.4366e+01	-1.1381e-01	8.7166e-02
	906	0.0000e+00	0.0000e+00	0.0000e+00	-2.0889e+01	-3.2556e-01	1.0638e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	-2.0868e+01	-3.6437e-01	-1.0621e-01
	900	0.0000e+00	0.0000e+00	0.0000e+00	-2.4349e+01	-1.5238e-01	-1.2543e-01
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	-2.4439e+01	6.0310e-02	2.4068e-02
	905	0.0000e+00	0.0000e+00	0.0000e+00	-2.0973e+01	-1.6889e-01	9.2292e-02
	906	0.0000e+00	0.0000e+00	0.0000e+00	-2.0905e+01	-2.8168e-01	-1.3306e-01

	899	0.0000e+00	0.0000e+00	0.0000e+00	-2.4370e+01	-6.1719e-02	-2.0128e-01
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	-2.4539e+01	2.9974e-01	1.7045e-02
	904	0.0000e+00	0.0000e+00	0.0000e+00	-2.1080e+01	3.0791e-02	1.0181e-01
	905	0.0000e+00	0.0000e+00	0.0000e+00	-2.1003e+01	-9.3245e-02	-1.5424e-01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-2.4446e+01	1.4816e-01	-2.3901e-01
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.4589e+01	4.4798e-01	9.3084e-02
	829	0.0000e+00	0.0000e+00	0.0000e+00	-2.1142e+01	1.4904e-01	1.3338e-01
	904	0.0000e+00	0.0000e+00	0.0000e+00	-2.1108e+01	9.4467e-02	-1.5744e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	-2.4542e+01	3.7517e-01	-1.9773e-01
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	-2.8287e+01	5.3258e-01	3.4369e-01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-2.5853e+01	2.7935e-01	2.6585e-01
	483	0.0000e+00	0.0000e+00	0.0000e+00	-2.5906e+01	3.6694e-01	-1.8758e-02
	472	0.0000e+00	0.0000e+00	0.0000e+00	-2.8390e+01	6.8096e-01	5.9086e-02
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	-2.8176e+01	1.3655e-01	3.8406e-01
	902	0.0000e+00	0.0000e+00	0.0000e+00	-2.5704e+01	-1.1019e-02	2.7564e-01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-2.5793e+01	1.7322e-01	9.4403e-02
	896	0.0000e+00	0.0000e+00	0.0000e+00	-2.8304e+01	3.8690e-01	2.0282e-01
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	-2.8132e+01	-1.5514e-01	2.7746e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-2.5586e+01	-2.7403e-01	2.1352e-01
	902	0.0000e+00	0.0000e+00	0.0000e+00	-2.5661e+01	-1.1167e-01	9.5697e-02
	895	0.0000e+00	0.0000e+00	0.0000e+00	-2.8186e+01	4.2756e-03	1.5964e-01
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	-2.8118e+01	-2.8126e-01	1.5016e-01
	900	0.0000e+00	0.0000e+00	0.0000e+00	-2.5536e+01	-3.9360e-01	1.2550e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-2.5570e+01	-3.2742e-01	1.9010e-02
	894	0.0000e+00	0.0000e+00	0.0000e+00	-2.8134e+01	-2.2752e-01	4.3672e-02
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	-2.8106e+01	-2.4708e-01	3.0908e-02
	899	0.0000e+00	0.0000e+00	0.0000e+00	-2.5545e+01	-3.4841e-01	3.2898e-02
	900	0.0000e+00	0.0000e+00	0.0000e+00	-2.5533e+01	-3.9968e-01	-7.4866e-02
	893	0.0000e+00	0.0000e+00	0.0000e+00	-2.8114e+01	-2.8622e-01	-7.6856e-02
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	-2.8123e+01	-4.0689e-02	-7.9701e-02
	898	0.0000e+00	0.0000e+00	0.0000e+00	-2.5606e+01	-1.5955e-01	-3.9401e-02
	899	0.0000e+00	0.0000e+00	0.0000e+00	-2.5554e+01	-3.0735e-01	-1.6053e-01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-2.8095e+01	-1.8478e-01	-2.0083e-01
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	-2.8204e+01	3.1535e-01	-1.1546e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	-2.5708e+01	9.9498e-02	-3.2523e-02
	898	0.0000e+00	0.0000e+00	0.0000e+00	-2.5642e+01	-7.1663e-02	-2.1752e-01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-2.8104e+01	8.1207e-02	-3.0046e-01
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	-2.8247e+01	5.8388e-01	3.4120e-02
	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.5790e+01	2.7124e-01	8.4502e-02
	897	0.0000e+00	0.0000e+00	0.0000e+00	-2.5758e+01	1.9291e-01	-2.0156e-01
	890	0.0000e+00	0.0000e+00	0.0000e+00	-2.8177e+01	4.5044e-01	-2.5195e-01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	-2.8669e+01	5.9587e-01	3.9494e-01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-2.8856e+01	4.9866e-01	2.9656e-01
	472	0.0000e+00	0.0000e+00	0.0000e+00	-2.8920e+01	6.6600e-01	1.3118e-01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-2.8802e+01	8.9841e-01	2.2956e-01
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	-2.8720e+01	-8.6674e-02	3.3208e-01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-2.8683e+01	4.9737e-04	2.7428e-01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-2.8755e+01	3.1779e-01	3.3405e-01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-2.8764e+01	2.8584e-01	3.9184e-01
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	-2.8904e+01	-3.5353e-01	1.2803e-01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-2.8643e+01	-3.2403e-01	1.7600e-01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-2.8675e+01	-9.1153e-02	2.6643e-01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-2.8776e+01	-2.4190e-01	2.1847e-01
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	-2.8985e+01	-4.4558e-01	5.3883e-02
	893	0.0000e+00	0.0000e+00	0.0000e+00	-2.8656e+01	-4.2778e-01	7.4685e-02
	894	0.0000e+00	0.0000e+00	0.0000e+00	-2.8666e+01	-3.4717e-01	1.2026e-01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-2.8933e+01	-4.2020e-01	9.9457e-02
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	-2.8902e+01	-4.3439e-01	9.4654e-03
	892	0.0000e+00	0.0000e+00	0.0000e+00	-2.8637e+01	-3.6454e-01	-3.6493e-02
	893	0.0000e+00	0.0000e+00	0.0000e+00	-2.8652e+01	-4.3325e-01	7.1330e-03
	886	0.0000e+00	0.0000e+00	0.0000e+00	-2.8979e+01	-4.5036e-01	5.3092e-02
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	-2.8708e+01	-2.7668e-01	-1.0149e-01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-2.8611e+01	-1.3238e-01	-1.7604e-01

	892	0.0000e+00	0.0000e+00	0.0000e+00	-2.8605e+01	-3.5270e-01	-9.1115e-02
	885	0.0000e+00	0.0000e+00	0.0000e+00	-2.8863e+01	-3.7767e-01	-1.6567e-02
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	-2.8654e+01	2.2627e-01	-2.6221e-01
	890	0.0000e+00	0.0000e+00	0.0000e+00	-2.8652e+01	2.5116e-01	-2.3449e-01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-2.8609e+01	-5.3220e-02	-1.8218e-01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-2.8641e+01	-1.3261e-01	-2.0989e-01
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	-2.8642e+01	8.0999e-01	-8.7418e-02
	813	0.0000e+00	0.0000e+00	0.0000e+00	-2.8773e+01	5.7399e-01	-2.3886e-02
	890	0.0000e+00	0.0000e+00	0.0000e+00	-2.8741e+01	4.1778e-01	-1.9520e-01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-2.8546e+01	5.2322e-01	-2.5873e-01
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	-2.2669e+01	5.2277e-01	2.5493e-01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-2.7856e+01	8.1142e-01	2.1234e-01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-2.7913e+01	1.2173e+00	3.9871e-01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-2.2697e+01	1.1345e+00	4.4130e-01
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	-2.3693e+01	-4.2397e-01	-3.3154e-01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-2.7782e+01	-1.4363e-01	3.4067e-02
	889	0.0000e+00	0.0000e+00	0.0000e+00	-2.7684e+01	5.0413e-01	6.5076e-01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-2.3058e+01	-4.4468e-01	2.8515e-01
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	-2.4344e+01	-5.2046e-01	-3.7989e-01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-2.8100e+01	-3.2619e-01	-6.0146e-02
	888	0.0000e+00	0.0000e+00	0.0000e+00	-2.7972e+01	-6.0954e-02	2.7210e-01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-2.3831e+01	-5.2889e-01	-4.7645e-02
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	-2.4572e+01	-4.9706e-01	-1.4865e-01
	886	0.0000e+00	0.0000e+00	0.0000e+00	-2.8270e+01	-3.4256e-01	-4.5785e-02
	887	0.0000e+00	0.0000e+00	0.0000e+00	-2.8215e+01	-2.7097e-01	1.4560e-01
	877	0.0000e+00	0.0000e+00	0.0000e+00	-2.4421e+01	-4.9794e-01	4.2741e-02
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	-2.4393e+01	-5.0503e-01	1.0083e-01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-2.8184e+01	-2.8370e-01	-2.6520e-02
	886	0.0000e+00	0.0000e+00	0.0000e+00	-2.8266e+01	-3.4686e-01	1.6224e-01
	875	0.0000e+00	0.0000e+00	0.0000e+00	-2.4567e+01	-5.0175e-01	2.8959e-01
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	-2.3769e+01	-5.4895e-01	2.0166e-01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-2.7905e+01	-9.2600e-02	-1.4346e-01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-2.8061e+01	-3.4777e-01	1.8072e-01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-2.4305e+01	-5.3757e-01	5.2584e-01
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	-2.2959e+01	-4.8145e-01	-1.1188e-01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-2.7576e+01	4.4894e-01	-5.0587e-01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-2.7706e+01	-1.8512e-01	9.6957e-02
	871	0.0000e+00	0.0000e+00	0.0000e+00	-2.3619e+01	-4.5625e-01	4.9095e-01
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	-2.2550e+01	1.0670e+00	-2.4234e-01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-2.7753e+01	1.1341e+00	-2.3745e-01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-2.7735e+01	7.4218e-01	-6.6204e-02
	869	0.0000e+00	0.0000e+00	0.0000e+00	-2.2558e+01	4.6794e-01	-7.1096e-02
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	-8.4208e+00	-2.0478e+00	-3.3538e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	-1.8153e+01	3.2047e-01	-7.6180e-01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-2.0495e+01	2.4358e+00	1.2809e+00
	7	0.0000e+00	0.0000e+00	0.0000e+00	-8.7751e-01	7.3280e-01	-1.3111e+00
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	-1.0576e+01	-4.8441e-01	-2.0320e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	-2.0546e+01	-2.9391e-01	-7.1061e-01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-1.9224e+01	3.9544e-01	-1.5201e-01
	882	0.0000e+00	0.0000e+00	0.0000e+00	-9.2467e+00	-5.2743e-01	-1.4734e+00
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	-1.1530e+01	-2.2993e-01	-1.1941e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	-2.1568e+01	-2.6587e-02	-6.1430e-01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-2.0974e+01	1.0079e-01	-2.3214e-01
	880	0.0000e+00	0.0000e+00	0.0000e+00	-1.0961e+01	-4.5756e-01	-8.1196e-01
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	-1.1836e+01	-2.0812e-01	-4.4508e-01
	875	0.0000e+00	0.0000e+00	0.0000e+00	-2.1880e+01	7.8848e-02	-2.8491e-01
	877	0.0000e+00	0.0000e+00	0.0000e+00	-2.1708e+01	1.0262e-01	6.1275e-02
	878	0.0000e+00	0.0000e+00	0.0000e+00	-1.1688e+01	-3.0040e-01	-9.8899e-02
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	-1.1667e+01	-3.0407e-01	2.7135e-01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-2.1680e+01	9.5515e-02	9.1043e-02
	875	0.0000e+00	0.0000e+00	0.0000e+00	-2.1877e+01	7.6049e-02	4.3453e-01
	876	0.0000e+00	0.0000e+00	0.0000e+00	-1.1832e+01	-2.0898e-01	6.1483e-01
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	-1.0916e+01	-4.6851e-01	9.9454e-01



	871	0.0000e+00	0.0000e+00	0.0000e+00	-2.0915e+01	8.2160e-02	3.9479e-01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-2.1534e+01	-3.9399e-02	7.6853e-01
	874	0.0000e+00	0.0000e+00	0.0000e+00	-1.1500e+01	-2.3364e-01	1.3683e+00
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	-9.1791e+00	-5.4938e-01	1.6750e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	-1.9134e+01	3.6061e-01	3.3431e-01
	871	0.0000e+00	0.0000e+00	0.0000e+00	-2.0483e+01	-3.1813e-01	8.7738e-01
	872	0.0000e+00	0.0000e+00	0.0000e+00	-1.0521e+01	-4.9057e-01	2.2180e+00
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	-8.0762e-01	6.9671e-01	1.5455e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	-2.0365e+01	2.3677e+00	-1.0624e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	-1.8063e+01	2.8011e-01	9.5001e-01
	870	0.0000e+00	0.0000e+00	0.0000e+00	-8.3441e+00	-2.0600e+00	3.5579e+00
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	-8.8563e+00	7.7753e-01	-3.3566e-01
	868	0.0000e+00	0.0000e+00	0.0000e+00	-9.8407e+00	-1.0005e-01	-2.4904e-02
	17	0.0000e+00	0.0000e+00	0.0000e+00	-8.1307e+00	2.8815e+00	1.4280e-01
	861	0.0000e+00	0.0000e+00	0.0000e+00	-9.9426e+00	1.6696e+00	-1.6796e-01
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	-9.2503e+00	-3.9964e-01	-3.7655e-01
	867	0.0000e+00	0.0000e+00	0.0000e+00	-1.0595e+01	-3.2961e-01	-6.4748e-02
	868	0.0000e+00	0.0000e+00	0.0000e+00	-1.0234e+01	2.9952e-01	-4.7996e-02
	860	0.0000e+00	0.0000e+00	0.0000e+00	-8.9856e+00	3.3616e-01	-3.5980e-01
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	-9.5031e+00	-7.0017e-01	-2.1617e-01
	866	0.0000e+00	0.0000e+00	0.0000e+00	-1.0932e+01	-6.4154e-01	-6.5481e-02
	867	0.0000e+00	0.0000e+00	0.0000e+00	-1.0747e+01	-3.8482e-01	-2.5969e-02
	859	0.0000e+00	0.0000e+00	0.0000e+00	-9.3863e+00	-4.0495e-01	-1.7666e-01
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	-9.5915e+00	-7.7918e-01	-9.1941e-02
	865	0.0000e+00	0.0000e+00	0.0000e+00	-1.1031e+01	-7.2441e-01	-5.4693e-02
	866	0.0000e+00	0.0000e+00	0.0000e+00	-1.0990e+01	-6.6129e-01	-2.8514e-03
	858	0.0000e+00	0.0000e+00	0.0000e+00	-9.5579e+00	-7.0984e-01	-4.0099e-02
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	-9.5401e+00	-6.6559e-01	2.6743e-02
	864	0.0000e+00	0.0000e+00	0.0000e+00	-1.0952e+01	-6.2475e-01	-3.2053e-02
	865	0.0000e+00	0.0000e+00	0.0000e+00	-1.1024e+01	-7.1678e-01	1.8167e-02
	857	0.0000e+00	0.0000e+00	0.0000e+00	-9.5863e+00	-7.7603e-01	7.6963e-02
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	-9.3516e+00	-3.1912e-01	1.6361e-01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.0673e+01	-3.0808e-01	-2.4499e-03
	864	0.0000e+00	0.0000e+00	0.0000e+00	-1.0881e+01	-5.8949e-01	3.3011e-02
	856	0.0000e+00	0.0000e+00	0.0000e+00	-9.4767e+00	-6.4913e-01	1.9907e-01
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	-8.9549e+00	4.4576e-01	3.4320e-01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-1.0140e+01	4.0141e-01	2.9019e-02
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.0513e+01	-2.3722e-01	4.0435e-02
	855	0.0000e+00	0.0000e+00	0.0000e+00	-9.2123e+00	-3.0432e-01	3.5462e-01
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	-9.8504e+00	1.7652e+00	1.5342e-01
	16	0.0000e+00	0.0000e+00	0.0000e+00	-8.1434e+00	2.9179e+00	-1.4015e-01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-9.7544e+00	4.6276e-02	2.1537e-02
	854	0.0000e+00	0.0000e+00	0.0000e+00	-8.8285e+00	8.7677e-01	3.1511e-01
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	-9.7692e+00	6.4897e-01	-3.5429e-01
	860	0.0000e+00	0.0000e+00	0.0000e+00	-9.0790e+00	8.3105e-01	-4.8882e-01
	861	0.0000e+00	0.0000e+00	0.0000e+00	-9.2856e+00	1.3175e+00	-1.8539e-01
	853	0.0000e+00	0.0000e+00	0.0000e+00	-9.8326e+00	8.9483e-01	-5.0867e-02
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	-9.5151e+00	-7.9553e-02	-3.4226e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	-9.1906e+00	-1.5808e-01	-4.1094e-01
	860	0.0000e+00	0.0000e+00	0.0000e+00	-9.2614e+00	2.3021e-01	-5.1728e-01
	852	0.0000e+00	0.0000e+00	0.0000e+00	-9.5821e+00	3.6363e-01	-4.4859e-01
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	-9.4570e+00	-4.4959e-01	-1.9835e-01
	858	0.0000e+00	0.0000e+00	0.0000e+00	-9.3180e+00	-5.6597e-01	-1.8492e-01
	859	0.0000e+00	0.0000e+00	0.0000e+00	-9.2483e+00	-3.7187e-01	-3.3525e-01
	851	0.0000e+00	0.0000e+00	0.0000e+00	-9.4997e+00	-1.8861e-01	-3.4868e-01
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	-9.4615e+00	-5.6007e-01	-2.4013e-02
	857	0.0000e+00	0.0000e+00	0.0000e+00	-9.3671e+00	-6.8412e-01	-1.6149e-02
	858	0.0000e+00	0.0000e+00	0.0000e+00	-9.3442e+00	-6.3579e-01	-1.5203e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	-9.4686e+00	-4.8902e-01	-1.5989e-01
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	-9.4646e+00	-4.4995e-01	1.5888e-01
	856	0.0000e+00	0.0000e+00	0.0000e+00	-9.3308e+00	-5.9755e-01	1.4518e-01
	857	0.0000e+00	0.0000e+00	0.0000e+00	-9.3631e+00	-6.7642e-01	1.0283e-02
	849	0.0000e+00	0.0000e+00	0.0000e+00	-9.4598e+00	-5.5516e-01	2.3986e-02

1755	847	0.0000e+00	0.0000e+00	0.0000e+00	-9.4900e+00	-1.1161e-01	3.4179e-01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-9.2218e+00	-2.9207e-01	3.2413e-01
	856	0.0000e+00	0.0000e+00	0.0000e+00	-9.2973e+00	-5.1345e-01	1.7727e-01
	848	0.0000e+00	0.0000e+00	0.0000e+00	-9.4500e+00	-4.0120e-01	1.9494e-01
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	-9.5679e+00	4.6521e-01	4.3262e-01
	854	0.0000e+00	0.0000e+00	0.0000e+00	-9.2222e+00	3.3864e-01	4.9683e-01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-9.1585e+00	-6.9370e-02	3.9603e-01
	847	0.0000e+00	0.0000e+00	0.0000e+00	-9.5027e+00	4.9643e-03	3.3183e-01
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	-9.8079e+00	1.0097e+00	3.9496e-02
	431	0.0000e+00	0.0000e+00	0.0000e+00	-9.2430e+00	1.4235e+00	1.7038e-01
	854	0.0000e+00	0.0000e+00	0.0000e+00	-9.0422e+00	9.2598e-01	4.6681e-01
	846	0.0000e+00	0.0000e+00	0.0000e+00	-9.7460e+00	7.4897e-01	3.3592e-01
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	-1.1703e+01	4.4509e-01	-1.4904e-01
	852	0.0000e+00	0.0000e+00	0.0000e+00	-1.0032e+01	4.6822e-01	-2.3592e-01
	853	0.0000e+00	0.0000e+00	0.0000e+00	-1.0160e+01	6.8940e-01	-1.5525e-01
	845	0.0000e+00	0.0000e+00	0.0000e+00	-1.1750e+01	5.5173e-01	-6.8363e-02
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	-1.1519e+01	7.8096e-02	-1.8328e-01
	851	0.0000e+00	0.0000e+00	0.0000e+00	-9.8928e+00	-8.8713e-02	-3.2107e-01
	852	0.0000e+00	0.0000e+00	0.0000e+00	-1.0074e+01	2.6483e-01	-4.2213e-01
	844	0.0000e+00	0.0000e+00	0.0000e+00	-1.1614e+01	2.9945e-01	-2.8435e-01
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	-1.1387e+01	-2.2004e-01	-9.5989e-02
	850	0.0000e+00	0.0000e+00	0.0000e+00	-9.8406e+00	-4.3277e-01	-1.6835e-01
	851	0.0000e+00	0.0000e+00	0.0000e+00	-9.9104e+00	-2.3668e-01	-3.7207e-01
	843	0.0000e+00	0.0000e+00	0.0000e+00	-1.1462e+01	-4.3366e-02	-2.9971e-01
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.1343e+01	-3.3049e-01	4.2265e-02
	849	0.0000e+00	0.0000e+00	0.0000e+00	-9.8304e+00	-5.5746e-01	2.2145e-02
	850	0.0000e+00	0.0000e+00	0.0000e+00	-9.8464e+00	-5.0627e-01	-2.0723e-01
	842	0.0000e+00	0.0000e+00	0.0000e+00	-1.1367e+01	-2.7606e-01	-1.8711e-01
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	-1.1371e+01	-2.4210e-01	1.8710e-01
	848	0.0000e+00	0.0000e+00	0.0000e+00	-9.8449e+00	-4.7126e-01	2.0939e-01
	849	0.0000e+00	0.0000e+00	0.0000e+00	-9.8284e+00	-5.5046e-01	-1.8514e-02
	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.1343e+01	-3.2537e-01	-4.0805e-02
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	-1.1469e+01	2.5464e-02	2.9440e-01
	847	0.0000e+00	0.0000e+00	0.0000e+00	-9.9052e+00	-1.6477e-01	3.6825e-01
	848	0.0000e+00	0.0000e+00	0.0000e+00	-9.8355e+00	-3.8488e-01	1.6833e-01
	840	0.0000e+00	0.0000e+00	0.0000e+00	-1.1390e+01	-1.7666e-01	9.4487e-02
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	-1.1622e+01	3.9524e-01	2.7326e-01
	846	0.0000e+00	0.0000e+00	0.0000e+00	-1.0063e+01	3.6145e-01	4.1055e-01
	847	0.0000e+00	0.0000e+00	0.0000e+00	-9.8848e+00	-6.8843e-03	3.1298e-01
	839	0.0000e+00	0.0000e+00	0.0000e+00	-1.1524e+01	1.5380e-01	1.7569e-01
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	-1.1758e+01	6.6609e-01	5.4001e-02
	420	0.0000e+00	0.0000e+00	0.0000e+00	-1.0147e+01	8.0237e-01	1.4202e-01
	846	0.0000e+00	0.0000e+00	0.0000e+00	-1.0020e+01	5.6931e-01	2.2286e-01
	838	0.0000e+00	0.0000e+00	0.0000e+00	-1.1709e+01	5.4446e-01	1.3484e-01
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.5172e+01	3.5076e-01	4.0875e-03
	844	0.0000e+00	0.0000e+00	0.0000e+00	-1.2483e+01	2.3143e-01	-5.0420e-02
	845	0.0000e+00	0.0000e+00	0.0000e+00	-1.2555e+01	3.3601e-01	-1.4803e-01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.5208e+01	4.1123e-01	-9.3524e-02
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.5044e+01	1.3279e-01	-1.5281e-02
	843	0.0000e+00	0.0000e+00	0.0000e+00	-1.2346e+01	-7.3595e-02	-1.2565e-01
	844	0.0000e+00	0.0000e+00	0.0000e+00	-1.2486e+01	1.3208e-01	-2.9746e-01
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.5126e+01	2.6815e-01	-1.8710e-01
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.4925e+01	-7.9893e-02	2.5437e-02
	842	0.0000e+00	0.0000e+00	0.0000e+00	-1.2243e+01	-3.3209e-01	-6.0702e-02
	843	0.0000e+00	0.0000e+00	0.0000e+00	-1.2342e+01	-1.7824e-01	-2.9677e-01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.4999e+01	4.0079e-02	-2.1063e-01
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.4875e+01	-1.7121e-01	9.4026e-02
	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.2207e+01	-4.3721e-01	6.5806e-02
	842	0.0000e+00	0.0000e+00	0.0000e+00	-1.2238e+01	-3.9097e-01	-1.9733e-01
	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.4901e+01	-1.3250e-01	-1.6911e-01
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.4911e+01	-1.0250e-01	1.6210e-01
	840	0.0000e+00	0.0000e+00	0.0000e+00	-1.2243e+01	-3.6019e-01	1.9807e-01
	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.2206e+01	-4.3068e-01	-6.3882e-02

	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.4877e+01	-1.6626e-01	-9.9850e-02
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.5020e+01	1.0251e-01	1.9956e-01
	839	0.0000e+00	0.0000e+00	0.0000e+00	-1.2352e+01	-1.1385e-01	2.9262e-01
	840	0.0000e+00	0.0000e+00	0.0000e+00	-1.2248e+01	-2.8901e-01	5.9440e-02
	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.4937e+01	-4.0609e-02	-3.3620e-02
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.5157e+01	3.5774e-01	1.7099e-01
	838	0.0000e+00	0.0000e+00	0.0000e+00	-1.2499e+01	2.2299e-01	2.8713e-01
	839	0.0000e+00	0.0000e+00	0.0000e+00	-1.2356e+01	1.0871e-03	1.1831e-01
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.5067e+01	2.0283e-01	2.1641e-03
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.5249e+01	5.1986e-01	7.2231e-02
	409	0.0000e+00	0.0000e+00	0.0000e+00	-1.2572e+01	4.4625e-01	1.3244e-01
	838	0.0000e+00	0.0000e+00	0.0000e+00	-1.2496e+01	3.2971e-01	3.7226e-02
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.5204e+01	4.4588e-01	-2.2987e-02
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.9741e+01	3.3596e-01	1.1628e-01
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.6352e+01	1.0889e-01	7.5502e-02
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.6398e+01	1.7079e-01	-1.4762e-01
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.9778e+01	3.8844e-01	-1.0685e-01
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.9638e+01	1.5520e-01	1.2761e-01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.6240e+01	-9.0511e-02	3.7947e-02
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.6339e+01	4.5327e-02	-1.9961e-01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.9719e+01	2.7310e-01	-1.0994e-01
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.9540e+01	-2.8105e-02	1.3046e-01
	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.6137e+01	-2.8596e-01	5.2656e-02
	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.6222e+01	-1.6815e-01	-1.9971e-01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.9611e+01	7.7007e-02	-1.2191e-01
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.9501e+01	-1.1026e-01	1.2485e-01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.6097e+01	-3.7132e-01	9.9227e-02
	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.6125e+01	-3.3276e-01	-1.6053e-01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.9524e+01	-7.6096e-02	-1.3490e-01
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.9541e+01	-4.9342e-02	1.1311e-01
	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.6137e+01	-3.0564e-01	1.5174e-01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.6098e+01	-3.6498e-01	-1.0709e-01
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.9503e+01	-1.0539e-01	-1.4572e-01
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.9648e+01	1.3406e-01	9.6637e-02
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.6246e+01	-1.0984e-01	1.8708e-01
	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.6152e+01	-2.4655e-01	-6.3019e-02
	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.9561e+01	8.0366e-03	-1.5346e-01
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.9774e+01	3.5700e-01	8.0105e-02
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.6376e+01	1.3009e-01	1.8183e-01
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.6268e+01	-2.1031e-02	-5.3236e-02
	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.9678e+01	2.2058e-01	-1.5496e-01
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.9851e+01	4.9208e-01	7.2761e-02
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.6444e+01	2.7463e-01	1.2471e-01
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.6392e+01	2.0263e-01	-9.6707e-02
	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.9800e+01	4.2650e-01	-1.4866e-01
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	-2.4542e+01	3.7518e-01	1.9797e-01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-2.1108e+01	9.4471e-02	1.5762e-01
	829	0.0000e+00	0.0000e+00	0.0000e+00	-2.1142e+01	1.4904e-01	-1.3319e-01
	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.4589e+01	4.4798e-01	-9.2853e-02
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.4446e+01	1.4816e-01	2.3924e-01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-2.1003e+01	-9.3245e-02	1.5443e-01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-2.1080e+01	3.0785e-02	-1.0163e-01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-2.4539e+01	2.9974e-01	-1.6813e-02
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.4370e+01	-6.1737e-02	2.0152e-01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-2.0905e+01	-2.8169e-01	1.3325e-01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-2.0973e+01	-1.6891e-01	-9.2104e-02
	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.4439e+01	6.0298e-02	-2.3834e-02
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	-2.4348e+01	-1.5243e-01	1.2565e-01
	825	0.0000e+00	0.0000e+00	0.0000e+00	-2.0867e+01	-3.6441e-01	1.0639e-01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-2.0889e+01	-3.2558e-01	-1.0620e-01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.4366e+01	-1.1384e-01	-8.6934e-02
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	-2.4389e+01	-9.0336e-02	4.2544e-02
	824	0.0000e+00	0.0000e+00	0.0000e+00	-2.0907e+01	-3.0158e-01	7.9962e-02

	825	0.0000e+00	0.0000e+00	0.0000e+00	-2.0869e+01	-3.5815e-01	-1.3169e-01
	817	0.0000e+00	0.0000e+00	0.0000e+00	-2.4352e+01	-1.4754e-01	-1.6911e-01
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	-2.4490e+01	1.1197e-01	-2.4386e-02
	823	0.0000e+00	0.0000e+00	0.0000e+00	-2.1013e+01	-1.1586e-01	6.2297e-02
	824	0.0000e+00	0.0000e+00	0.0000e+00	-2.0928e+01	-2.4526e-01	-1.6074e-01
	816	0.0000e+00	0.0000e+00	0.0000e+00	-2.4400e+01	-2.8541e-02	-2.4742e-01
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	-2.4618e+01	3.7818e-01	-3.6405e-02
	822	0.0000e+00	0.0000e+00	0.0000e+00	-2.1141e+01	1.0982e-01	6.7182e-02
	823	0.0000e+00	0.0000e+00	0.0000e+00	-2.1048e+01	-2.8142e-02	-1.8646e-01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-2.4503e+01	2.0904e-01	-2.9005e-01
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	-2.4699e+01	5.4851e-01	3.5997e-02
	387	0.0000e+00	0.0000e+00	0.0000e+00	-2.1222e+01	2.4768e-01	9.4986e-02
	822	0.0000e+00	0.0000e+00	0.0000e+00	-2.1175e+01	1.8422e-01	-1.9520e-01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-2.4628e+01	4.6177e-01	-2.5419e-01
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	-2.8177e+01	4.5045e-01	2.5224e-01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-2.5758e+01	1.9292e-01	2.0182e-01
	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.5790e+01	2.7124e-01	-8.4251e-02
	813	0.0000e+00	0.0000e+00	0.0000e+00	-2.8247e+01	5.8388e-01	-3.3824e-02
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.8103e+01	8.1209e-02	3.0076e-01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.5642e+01	-7.1663e-02	2.1777e-01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-2.5708e+01	9.9494e-02	3.2775e-02
	812	0.0000e+00	0.0000e+00	0.0000e+00	-2.8204e+01	3.1535e-01	1.1576e-01
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	-2.8094e+01	-1.8480e-01	2.0113e-01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.5554e+01	-3.0737e-01	1.6079e-01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.5606e+01	-1.5957e-01	3.9653e-02
	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.8123e+01	-4.0701e-02	8.0001e-02
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	-2.8113e+01	-2.8628e-01	7.7150e-02
	817	0.0000e+00	0.0000e+00	0.0000e+00	-2.5533e+01	-3.9973e-01	7.5110e-02
	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.5545e+01	-3.4844e-01	-3.2649e-02
	810	0.0000e+00	0.0000e+00	0.0000e+00	-2.8106e+01	-2.4712e-01	-3.0609e-02
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	-2.8134e+01	-2.2765e-01	-4.3398e-02
	816	0.0000e+00	0.0000e+00	0.0000e+00	-2.5570e+01	-3.2753e-01	-1.8790e-02
	817	0.0000e+00	0.0000e+00	0.0000e+00	-2.5536e+01	-3.9367e-01	-1.2526e-01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-2.8118e+01	-2.8135e-01	-1.4987e-01
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	-2.8186e+01	4.0474e-03	-1.5941e-01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-2.5660e+01	-1.1185e-01	-9.5526e-02
	816	0.0000e+00	0.0000e+00	0.0000e+00	-2.5586e+01	-2.7417e-01	-2.1331e-01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-2.8132e+01	-1.5531e-01	-2.7720e-01
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	-2.8304e+01	3.8657e-01	-2.0269e-01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-2.5792e+01	1.7297e-01	-9.4315e-02
	815	0.0000e+00	0.0000e+00	0.0000e+00	-2.5703e+01	-1.1236e-02	-2.7549e-01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-2.8175e+01	1.3628e-01	-3.8386e-01
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	-2.8390e+01	6.8057e-01	-5.9087e-02
	376	0.0000e+00	0.0000e+00	0.0000e+00	-2.5905e+01	3.6665e-01	1.8733e-02
	814	0.0000e+00	0.0000e+00	0.0000e+00	-2.5852e+01	2.7907e-01	-2.6578e-01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-2.8287e+01	5.3222e-01	-3.4360e-01
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	-2.8546e+01	5.2324e-01	2.5908e-01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-2.8741e+01	4.1779e-01	1.9551e-01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-2.8773e+01	5.7399e-01	2.4200e-02
	805	0.0000e+00	0.0000e+00	0.0000e+00	-2.8642e+01	8.0999e-01	8.7768e-02
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	-2.8641e+01	-1.3260e-01	2.1025e-01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.8609e+01	-5.3220e-02	1.8249e-01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-2.8652e+01	2.5116e-01	2.3481e-01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-2.8654e+01	2.2627e-01	2.6256e-01
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	-2.8863e+01	-3.7768e-01	1.6926e-02
	810	0.0000e+00	0.0000e+00	0.0000e+00	-2.8605e+01	-3.5273e-01	9.1434e-02
	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.8611e+01	-1.3239e-01	1.7636e-01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-2.8708e+01	-2.7669e-01	1.0185e-01
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	-2.8979e+01	-4.5043e-01	-5.2736e-02
	809	0.0000e+00	0.0000e+00	0.0000e+00	-2.8652e+01	-4.3332e-01	-6.8197e-03
	810	0.0000e+00	0.0000e+00	0.0000e+00	-2.8636e+01	-3.6458e-01	3.6808e-02
	802	0.0000e+00	0.0000e+00	0.0000e+00	-2.8902e+01	-4.3443e-01	-9.1083e-03
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	-2.8932e+01	-4.2036e-01	-9.9118e-02

	808	0.0000e+00	0.0000e+00	0.0000e+00	-2.8666e+01	-3.4732e-01	-1.1997e-01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-2.8655e+01	-4.2787e-01	-7.4381e-02
	801	0.0000e+00	0.0000e+00	0.0000e+00	-2.8985e+01	-4.4568e-01	-5.3533e-02
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	-2.8775e+01	-2.4219e-01	-2.1817e-01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-2.8675e+01	-9.1405e-02	-2.6619e-01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-2.8643e+01	-3.2421e-01	-1.7573e-01
	800	0.0000e+00	0.0000e+00	0.0000e+00	-2.8904e+01	-3.5373e-01	-1.2771e-01
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	-2.8764e+01	2.8539e-01	-3.9163e-01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-2.8754e+01	3.1743e-01	-3.3390e-01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-2.8682e+01	1.9922e-04	-2.7407e-01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-2.8720e+01	-8.7014e-02	-3.3180e-01
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	-2.8802e+01	8.9784e-01	-2.2953e-01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-2.8919e+01	6.6556e-01	-1.3119e-01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-2.8856e+01	4.9825e-01	-2.9645e-01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-2.8668e+01	5.9535e-01	-3.9479e-01
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	-2.2558e+01	4.6796e-01	7.1479e-02
	804	0.0000e+00	0.0000e+00	0.0000e+00	-2.7735e+01	7.4219e-01	6.6570e-02
	805	0.0000e+00	0.0000e+00	0.0000e+00	-2.7753e+01	1.1341e+00	2.3781e-01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-2.2550e+01	1.0670e+00	2.4272e-01
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	-2.3619e+01	-4.5624e-01	-4.9056e-01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-2.7706e+01	-1.8512e-01	-9.6585e-02
	804	0.0000e+00	0.0000e+00	0.0000e+00	-2.7576e+01	4.4894e-01	5.0624e-01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-2.2959e+01	-4.8145e-01	1.1227e-01
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	-2.4305e+01	-5.3757e-01	-5.2545e-01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-2.8061e+01	-3.4780e-01	-1.8034e-01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-2.7905e+01	-9.2605e-02	1.4383e-01
	793	0.0000e+00	0.0000e+00	0.0000e+00	-2.3769e+01	-5.4896e-01	-2.0127e-01
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	-2.4567e+01	-5.0180e-01	-2.8920e-01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-2.8266e+01	-3.4695e-01	-1.6187e-01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-2.8184e+01	-2.8374e-01	2.6888e-02
	791	0.0000e+00	0.0000e+00	0.0000e+00	-2.4393e+01	-5.0509e-01	-1.0045e-01
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	-2.4421e+01	-4.9809e-01	-4.2365e-02
	800	0.0000e+00	0.0000e+00	0.0000e+00	-2.8214e+01	-2.7116e-01	-1.4525e-01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-2.8270e+01	-3.4267e-01	4.6144e-02
	789	0.0000e+00	0.0000e+00	0.0000e+00	-2.4572e+01	-4.9720e-01	1.4902e-01
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	-2.3831e+01	-5.2918e-01	4.7990e-02
	799	0.0000e+00	0.0000e+00	0.0000e+00	-2.7972e+01	-6.1277e-02	-2.7177e-01
	800	0.0000e+00	0.0000e+00	0.0000e+00	-2.8100e+01	-3.2640e-01	6.0482e-02
	787	0.0000e+00	0.0000e+00	0.0000e+00	-2.4344e+01	-5.2073e-01	3.8024e-01
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	-2.3058e+01	-4.4517e-01	-2.8487e-01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-2.7683e+01	5.0362e-01	-6.5051e-01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-2.7782e+01	-1.4399e-01	-3.3780e-02
	785	0.0000e+00	0.0000e+00	0.0000e+00	-2.3693e+01	-4.2443e-01	3.3186e-01
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	-2.2697e+01	1.1336e+00	-4.4123e-01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-2.7913e+01	1.2166e+00	-3.9869e-01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-2.7855e+01	8.1082e-01	-2.1216e-01
	783	0.0000e+00	0.0000e+00	0.0000e+00	-2.2669e+01	5.2204e-01	-2.5470e-01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	-8.3442e+00	-2.0600e+00	-3.5576e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.8063e+01	2.8012e-01	-9.4962e-01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-2.0365e+01	2.3677e+00	1.0628e+00
	6	0.0000e+00	0.0000e+00	0.0000e+00	-8.0762e-01	6.9673e-01	-1.5451e+00
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	-1.0521e+01	-4.9062e-01	-2.2177e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-2.0483e+01	-3.1813e-01	-8.7700e-01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.9134e+01	3.6062e-01	-3.3393e-01
	796	0.0000e+00	0.0000e+00	0.0000e+00	-9.1792e+00	-5.4931e-01	-1.6746e+00
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	-1.1500e+01	-2.3377e-01	-1.3679e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-2.1534e+01	-3.9431e-02	-7.6815e-01
	793	0.0000e+00	0.0000e+00	0.0000e+00	-2.0915e+01	8.2154e-02	-3.9441e-01
	794	0.0000e+00	0.0000e+00	0.0000e+00	-1.0916e+01	-4.6843e-01	-9.9417e-01
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	-1.1832e+01	-2.0924e-01	-6.1449e-01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-2.1877e+01	7.5953e-02	-4.3417e-01
	791	0.0000e+00	0.0000e+00	0.0000e+00	-2.1680e+01	9.5465e-02	-9.0677e-02
	792	0.0000e+00	0.0000e+00	0.0000e+00	-1.1667e+01	-3.0397e-01	-2.7099e-01

1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.1688e+01	-3.0088e-01	9.9212e-02
	787	0.0000e+00	0.0000e+00	0.0000e+00	-2.1708e+01	1.0242e-01	-6.0953e-02
	789	0.0000e+00	0.0000e+00	0.0000e+00	-2.1880e+01	7.8717e-02	2.8525e-01
	790	0.0000e+00	0.0000e+00	0.0000e+00	-1.1836e+01	-2.0801e-01	4.4541e-01
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-1.0961e+01	-4.5834e-01	8.1222e-01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-2.0974e+01	1.0043e-01	2.3241e-01
	787	0.0000e+00	0.0000e+00	0.0000e+00	-2.1568e+01	-2.6844e-02	6.1460e-01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.1531e+01	-2.2984e-01	1.1944e+00
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-9.2472e+00	-5.2861e-01	1.4736e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	-1.9224e+01	3.9484e-01	1.5220e-01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-2.0546e+01	-2.9435e-01	7.1084e-01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-1.0576e+01	-4.8437e-01	2.0322e+00
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-8.7849e-01	7.3111e-01	1.3112e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	-2.0494e+01	2.4348e+00	-1.2808e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	-1.8154e+01	3.1971e-01	7.6189e-01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-8.4212e+00	-2.0479e+00	3.3539e+00
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	-1.0243e+01	-1.4112e+01	9.8204e-01
	782	0.0000e+00	0.0000e+00	0.0000e+00	-8.3823e+00	-1.5201e+01	-1.5204e-01
	22	0.0000e+00	0.0000e+00	0.0000e+00	-9.6670e+00	1.1850e+00	2.4030e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	-1.1039e+01	-5.4746e+00	3.5370e+00
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	-1.0032e+01	-2.3342e+01	4.5408e-02
	781	0.0000e+00	0.0000e+00	0.0000e+00	-1.0294e+01	-2.3181e+01	1.9529e-01
	782	0.0000e+00	0.0000e+00	0.0000e+00	-9.7810e+00	-1.7593e+01	3.9062e-01
	772	0.0000e+00	0.0000e+00	0.0000e+00	-1.0270e+01	-1.7858e+01	2.4074e-01
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	-1.0526e+01	-2.6012e+01	-1.9315e-01
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.1193e+01	-2.5823e+01	8.9231e-02
	781	0.0000e+00	0.0000e+00	0.0000e+00	-1.0833e+01	-2.4454e+01	1.9751e-01
	771	0.0000e+00	0.0000e+00	0.0000e+00	-1.0368e+01	-2.4501e+01	-8.4867e-02
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.0822e+01	-2.4978e+01	-2.7380e-01
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.1720e+01	-2.4827e+01	2.7003e-02
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.1373e+01	-2.5931e+01	1.1442e-01
	770	0.0000e+00	0.0000e+00	0.0000e+00	-1.0617e+01	-2.5970e+01	-1.8639e-01
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.0915e+01	-2.1887e+01	-2.9297e-01
	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.1952e+01	-2.1759e+01	-4.4835e-02
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.1680e+01	-2.4207e+01	3.9494e-02
	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.0731e+01	-2.4264e+01	-2.0864e-01
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	-1.0819e+01	-1.7846e+01	-2.6554e-01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-1.1931e+01	-1.7749e+01	-1.1780e-01
	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.1775e+01	-2.0769e+01	-4.1810e-02
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.0704e+01	-2.0837e+01	-1.8955e-01
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	-1.0545e+01	-1.3576e+01	-1.9007e-01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-1.1682e+01	-1.3521e+01	-1.7475e-01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-1.1667e+01	-1.6633e+01	-1.1852e-01
	767	0.0000e+00	0.0000e+00	0.0000e+00	-1.0531e+01	-1.6701e+01	-1.3385e-01
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	-1.0103e+01	-9.4574e+00	-5.8534e-02
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.1194e+01	-9.4616e+00	-2.0159e-01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-1.1356e+01	-1.2433e+01	-1.7830e-01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-1.0204e+01	-1.2488e+01	-3.5246e-02
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	-9.4654e+00	-5.5187e+00	1.5202e-01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-1.0438e+01	-5.6366e+00	-1.7956e-01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.0803e+01	-8.4748e+00	-2.1088e-01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-9.7085e+00	-8.5244e+00	1.2070e-01
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.0065e+01	-1.6277e+00	2.0953e-01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-8.1875e+00	-1.0598e+00	-1.8415e-01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-9.8785e+00	-5.1467e+00	-2.5759e-01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-9.0962e+00	-4.4187e+00	1.3609e-01
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	-1.0337e+01	-1.6046e+01	4.2982e-01
	772	0.0000e+00	0.0000e+00	0.0000e+00	-9.9009e+00	-1.5046e+01	3.9546e-01
	773	0.0000e+00	0.0000e+00	0.0000e+00	-9.9155e+00	-6.2548e+00	1.3435e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	-1.0385e+01	-7.3218e+00	1.3779e+00
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	-1.0688e+01	-2.3375e+01	-1.2335e-01
	771	0.0000e+00	0.0000e+00	0.0000e+00	-1.0159e+01	-2.3202e+01	-4.5168e-01
	772	0.0000e+00	0.0000e+00	0.0000e+00	-1.0724e+01	-1.8272e+01	-9.9783e-02

	762	0.0000e+00	0.0000e+00	0.0000e+00	-1.0726e+01	-1.8866e+01	2.2855e-01
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	-1.0746e+01	-2.5841e+01	-2.8732e-01
	770	0.0000e+00	0.0000e+00	0.0000e+00	-1.0511e+01	-2.5876e+01	-3.1279e-01
	771	0.0000e+00	0.0000e+00	0.0000e+00	-1.0503e+01	-2.4649e+01	-3.2799e-01
	761	0.0000e+00	0.0000e+00	0.0000e+00	-1.0801e+01	-2.4651e+01	-3.0253e-01
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	-1.0830e+01	-2.4799e+01	-2.8062e-01
	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.0713e+01	-2.4876e+01	-1.5188e-01
	770	0.0000e+00	0.0000e+00	0.0000e+00	-1.0572e+01	-2.6011e+01	-2.3228e-01
	760	0.0000e+00	0.0000e+00	0.0000e+00	-1.0735e+01	-2.5912e+01	-3.6102e-01
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	-1.0839e+01	-2.1702e+01	-1.7797e-01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.0759e+01	-2.1806e+01	-1.5619e-02
	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.0604e+01	-2.4253e+01	-1.1286e-01
	759	0.0000e+00	0.0000e+00	0.0000e+00	-1.0696e+01	-2.4145e+01	-2.7521e-01
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	-1.0746e+01	-1.7649e+01	-2.1917e-02
	767	0.0000e+00	0.0000e+00	0.0000e+00	-1.0650e+01	-1.7781e+01	1.0587e-01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.0545e+01	-2.0792e+01	-3.4207e-03
	758	0.0000e+00	0.0000e+00	0.0000e+00	-1.0617e+01	-2.0687e+01	-1.3121e-01
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	-1.0570e+01	-1.3359e+01	1.6858e-01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-1.0404e+01	-1.3531e+01	2.3397e-01
	767	0.0000e+00	0.0000e+00	0.0000e+00	-1.0377e+01	-1.6620e+01	1.0708e-01
	757	0.0000e+00	0.0000e+00	0.0000e+00	-1.0478e+01	-1.6515e+01	4.1694e-02
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	-1.0375e+01	-9.2384e+00	3.7076e-01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-1.0053e+01	-9.4524e+00	3.8861e-01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-1.0103e+01	-1.2357e+01	2.4095e-01
	756	0.0000e+00	0.0000e+00	0.0000e+00	-1.0292e+01	-1.2249e+01	2.2310e-01
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	-1.0235e+01	-5.4806e+00	4.8589e-01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-9.7722e+00	-5.6448e+00	5.4842e-01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-9.7454e+00	-8.2800e+00	4.3821e-01
	755	0.0000e+00	0.0000e+00	0.0000e+00	-1.0147e+01	-8.2039e+00	3.7568e-01
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	-1.0225e+01	-2.3829e+00	1.2680e-01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-9.6212e+00	-1.9355e+00	2.6530e-01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-9.4051e+00	-4.3167e+00	5.4232e-01
	754	0.0000e+00	0.0000e+00	0.0000e+00	-1.0187e+01	-4.4733e+00	4.0382e-01
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.0536e+01	-1.6369e+01	-2.3395e-01
	762	0.0000e+00	0.0000e+00	0.0000e+00	-1.0242e+01	-1.6444e+01	-1.3450e-01
	763	0.0000e+00	0.0000e+00	0.0000e+00	-9.6517e+00	-7.4424e+00	-1.5695e-01
	753	0.0000e+00	0.0000e+00	0.0000e+00	-1.0944e+01	-7.4689e+00	-2.5639e-01
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	-1.1418e+01	-2.3498e+01	-4.1055e-01
	761	0.0000e+00	0.0000e+00	0.0000e+00	-1.0709e+01	-2.3561e+01	-4.2994e-01
	762	0.0000e+00	0.0000e+00	0.0000e+00	-1.0913e+01	-1.8936e+01	-3.6310e-01
	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.1250e+01	-1.9145e+01	-3.4371e-01
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	-1.1856e+01	-2.5687e+01	-4.2041e-01
	760	0.0000e+00	0.0000e+00	0.0000e+00	-1.0955e+01	-2.5891e+01	-3.6295e-01
	761	0.0000e+00	0.0000e+00	0.0000e+00	-1.0999e+01	-2.4665e+01	-4.3480e-01
	751	0.0000e+00	0.0000e+00	0.0000e+00	-1.1706e+01	-2.4712e+01	-4.9226e-01
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	-1.2110e+01	-2.4544e+01	-3.2086e-01
	759	0.0000e+00	0.0000e+00	0.0000e+00	-1.1093e+01	-2.4804e+01	-1.5192e-01
	760	0.0000e+00	0.0000e+00	0.0000e+00	-1.1002e+01	-2.5901e+01	-3.2449e-01
	750	0.0000e+00	0.0000e+00	0.0000e+00	-1.1892e+01	-2.5785e+01	-4.9343e-01
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	-1.2247e+01	-2.1417e+01	-1.2752e-01
	758	0.0000e+00	0.0000e+00	0.0000e+00	-1.1131e+01	-2.1703e+01	8.3762e-02
	759	0.0000e+00	0.0000e+00	0.0000e+00	-1.0982e+01	-2.4116e+01	-1.3548e-01
	749	0.0000e+00	0.0000e+00	0.0000e+00	-1.2008e+01	-2.3924e+01	-3.4677e-01
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	-1.2283e+01	-1.7367e+01	1.0982e-01
	757	0.0000e+00	0.0000e+00	0.0000e+00	-1.1069e+01	-1.7659e+01	3.0838e-01
	758	0.0000e+00	0.0000e+00	0.0000e+00	-1.0925e+01	-2.0646e+01	7.2544e-02
	748	0.0000e+00	0.0000e+00	0.0000e+00	-1.2064e+01	-2.0424e+01	-1.2602e-01
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	-1.2253e+01	-1.3111e+01	3.4302e-01
	756	0.0000e+00	0.0000e+00	0.0000e+00	-1.0937e+01	-1.3388e+01	5.1083e-01
	757	0.0000e+00	0.0000e+00	0.0000e+00	-1.0816e+01	-1.6466e+01	2.8034e-01
	747	0.0000e+00	0.0000e+00	0.0000e+00	-1.2065e+01	-1.6240e+01	1.1253e-01
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	-1.2206e+01	-9.0858e+00	5.1243e-01
	755	0.0000e+00	0.0000e+00	0.0000e+00	-1.0787e+01	-9.2968e+00	6.6539e-01

	756	0.0000e+00	0.0000e+00	0.0000e+00	-1.0669e+01	-1.2200e+01	4.7467e-01
	746	0.0000e+00	0.0000e+00	0.0000e+00	-1.2042e+01	-1.1995e+01	3.2170e-01
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	-1.2170e+01	-5.5660e+00	5.2201e-01
	754	0.0000e+00	0.0000e+00	0.0000e+00	-1.0702e+01	-5.5881e+00	6.8687e-01
	755	0.0000e+00	0.0000e+00	0.0000e+00	-1.0528e+01	-8.1984e+00	6.1195e-01
	745	0.0000e+00	0.0000e+00	0.0000e+00	-1.2041e+01	-8.0572e+00	4.4708e-01
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	-1.2105e+01	-2.7871e+00	3.0818e-01
	654	0.0000e+00	0.0000e+00	0.0000e+00	-1.0592e+01	-2.5971e+00	4.0481e-01
	754	0.0000e+00	0.0000e+00	0.0000e+00	-1.0462e+01	-4.6407e+00	5.1662e-01
	744	0.0000e+00	0.0000e+00	0.0000e+00	-1.2058e+01	-4.6945e+00	4.1998e-01
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.1285e+01	-1.5844e+01	-1.3805e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.0884e+01	-1.6618e+01	-1.0613e+00
	753	0.0000e+00	0.0000e+00	0.0000e+00	-9.7844e+00	-7.1203e+00	-1.7072e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.1799e+01	-6.4857e+00	-2.0264e+00
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	-1.2750e+01	-2.3301e+01	-1.1657e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	-1.1729e+01	-2.3638e+01	-8.1812e-01
	752	0.0000e+00	0.0000e+00	0.0000e+00	-1.1611e+01	-1.9045e+01	-1.0876e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.2230e+01	-1.8794e+01	-1.4352e+00
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	-1.3747e+01	-2.5425e+01	-9.3314e-01
	750	0.0000e+00	0.0000e+00	0.0000e+00	-1.2309e+01	-2.5832e+01	-5.4221e-01
	751	0.0000e+00	0.0000e+00	0.0000e+00	-1.2087e+01	-2.4629e+01	-7.8837e-01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-1.3252e+01	-2.4499e+01	-1.1793e+00
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	-1.4435e+01	-2.4197e+01	-6.5548e-01
	749	0.0000e+00	0.0000e+00	0.0000e+00	-1.2692e+01	-2.4646e+01	-2.3940e-01
	750	0.0000e+00	0.0000e+00	0.0000e+00	-1.2430e+01	-2.5721e+01	-5.4303e-01
	740	0.0000e+00	0.0000e+00	0.0000e+00	-1.3933e+01	-2.5508e+01	-9.5910e-01
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	-1.4881e+01	-2.1042e+01	-3.0933e-01
	748	0.0000e+00	0.0000e+00	0.0000e+00	-1.2922e+01	-2.1499e+01	8.4025e-02
	749	0.0000e+00	0.0000e+00	0.0000e+00	-1.2643e+01	-2.3876e+01	-2.6367e-01
	739	0.0000e+00	0.0000e+00	0.0000e+00	-1.4438e+01	-2.3575e+01	-6.5703e-01
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	-1.5143e+01	-1.7023e+01	4.4888e-02
	747	0.0000e+00	0.0000e+00	0.0000e+00	-1.3024e+01	-1.7447e+01	3.8382e-01
	748	0.0000e+00	0.0000e+00	0.0000e+00	-1.2766e+01	-2.0397e+01	3.2513e-02
	738	0.0000e+00	0.0000e+00	0.0000e+00	-1.4780e+01	-2.0055e+01	-3.0642e-01
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	-1.5282e+01	-1.2848e+01	3.4274e-01
	746	0.0000e+00	0.0000e+00	0.0000e+00	-1.3041e+01	-1.3206e+01	6.2403e-01
	747	0.0000e+00	0.0000e+00	0.0000e+00	-1.2812e+01	-1.6240e+01	3.0795e-01
	737	0.0000e+00	0.0000e+00	0.0000e+00	-1.4995e+01	-1.5908e+01	2.6666e-02
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	-1.5350e+01	-8.9577e+00	5.3036e-01
	745	0.0000e+00	0.0000e+00	0.0000e+00	-1.3018e+01	-9.2093e+00	7.6496e-01
	746	0.0000e+00	0.0000e+00	0.0000e+00	-1.2811e+01	-1.2036e+01	5.2078e-01
	736	0.0000e+00	0.0000e+00	0.0000e+00	-1.5127e+01	-1.1756e+01	2.8618e-01
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.5369e+01	-5.6193e+00	5.7084e-01
	744	0.0000e+00	0.0000e+00	0.0000e+00	-1.2977e+01	-5.7318e+00	7.5385e-01
	745	0.0000e+00	0.0000e+00	0.0000e+00	-1.2796e+01	-8.1682e+00	6.1513e-01
	735	0.0000e+00	0.0000e+00	0.0000e+00	-1.5213e+01	-7.9783e+00	4.3213e-01
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.5326e+01	-3.0050e+00	4.7043e-01
	643	0.0000e+00	0.0000e+00	0.0000e+00	-1.2863e+01	-3.0099e+00	5.5939e-01
	744	0.0000e+00	0.0000e+00	0.0000e+00	-1.2778e+01	-4.8874e+00	5.2689e-01
	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.5248e+01	-4.8215e+00	4.3793e-01
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	-1.2355e+01	-1.4845e+01	-3.1575e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.1879e+01	-1.6015e+01	-2.4772e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.0477e+01	-5.8209e+00	-3.5092e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	-1.2509e+01	-4.7412e+00	-4.1895e+00
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.4543e+01	-2.2747e+01	-2.6023e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	-1.3284e+01	-2.3391e+01	-1.7890e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.2765e+01	-1.8527e+01	-2.3341e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	-1.3570e+01	-1.7983e+01	-3.1474e+00
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.6241e+01	-2.4897e+01	-2.0646e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	-1.4436e+01	-2.5581e+01	-1.2002e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	-1.3814e+01	-2.4306e+01	-1.6807e+00
	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.5277e+01	-2.3943e+01	-2.5451e+00
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.7491e+01	-2.3626e+01	-1.4650e+00



739 0.0000e+00 0.0000e+00 0.0000e+00 -1.5288e+01 -2.4326e+01 -6.7411e-01  
740 0.0000e+00 0.0000e+00 0.0000e+00 -1.4708e+01 -2.5372e+01 -1.1924e+00  
730 0.0000e+00 0.0000e+00 0.0000e+00 -1.6620e+01 -2.4941e+01 -1.9833e+00

1866 728 0.0000e+00 0.0000e+00 0.0000e+00 -1.8335e+01 -2.0488e+01 -8.3010e-01  
738 0.0000e+00 0.0000e+00 0.0000e+00 -1.5862e+01 -2.1150e+01 -1.7373e-01  
739 0.0000e+00 0.0000e+00 0.0000e+00 -1.5352e+01 -2.3487e+01 -7.1068e-01  
729 0.0000e+00 0.0000e+00 0.0000e+00 -1.7641e+01 -2.2979e+01 -1.3671e+00

1867 727 0.0000e+00 0.0000e+00 0.0000e+00 -1.8865e+01 -1.6562e+01 -2.5804e-01  
737 0.0000e+00 0.0000e+00 0.0000e+00 -1.6205e+01 -1.7133e+01 2.5622e-01  
738 0.0000e+00 0.0000e+00 0.0000e+00 -1.5781e+01 -2.0020e+01 -2.4402e-01  
728 0.0000e+00 0.0000e+00 0.0000e+00 -1.8345e+01 -1.9501e+01 -7.5827e-01

1868 726 0.0000e+00 0.0000e+00 0.0000e+00 -1.9184e+01 -1.2528e+01 1.7690e-01  
736 0.0000e+00 0.0000e+00 0.0000e+00 -1.6386e+01 -1.2980e+01 5.7347e-01  
737 0.0000e+00 0.0000e+00 0.0000e+00 -1.6043e+01 -1.5931e+01 1.5332e-01  
727 0.0000e+00 0.0000e+00 0.0000e+00 -1.8799e+01 -1.5467e+01 -2.4325e-01

1869 725 0.0000e+00 0.0000e+00 0.0000e+00 -1.9374e+01 -8.7951e+00 4.4624e-01  
735 0.0000e+00 0.0000e+00 0.0000e+00 -1.6469e+01 -9.1242e+00 7.5266e-01  
736 0.0000e+00 0.0000e+00 0.0000e+00 -1.6195e+01 -1.1840e+01 4.3234e-01  
726 0.0000e+00 0.0000e+00 0.0000e+00 -1.9086e+01 -1.1470e+01 1.2593e-01

1870 724 0.0000e+00 0.0000e+00 0.0000e+00 -1.9475e+01 -5.6071e+00 5.6241e-01  
734 0.0000e+00 0.0000e+00 0.0000e+00 -1.6486e+01 -5.8276e+00 7.8470e-01  
735 0.0000e+00 0.0000e+00 0.0000e+00 -1.6282e+01 -8.1253e+00 5.6323e-01  
725 0.0000e+00 0.0000e+00 0.0000e+00 -1.9271e+01 -7.8630e+00 3.4094e-01

1871 621 0.0000e+00 0.0000e+00 0.0000e+00 -1.9507e+01 -3.1088e+00 5.6083e-01  
632 0.0000e+00 0.0000e+00 0.0000e+00 -1.6409e+01 -3.2512e+00 6.8315e-01  
734 0.0000e+00 0.0000e+00 0.0000e+00 -1.6316e+01 -5.0249e+00 5.3985e-01  
724 0.0000e+00 0.0000e+00 0.0000e+00 -1.9375e+01 -4.8549e+00 4.1754e-01

1872 722 0.0000e+00 0.0000e+00 0.0000e+00 -1.3449e+01 -1.3680e+01 -5.7658e+00  
732 0.0000e+00 0.0000e+00 0.0000e+00 -1.2991e+01 -1.4885e+01 -4.6001e+00  
733 0.0000e+00 0.0000e+00 0.0000e+00 -1.1662e+01 -3.9449e+00 -5.7447e+00  
723 0.0000e+00 0.0000e+00 0.0000e+00 -1.2639e+01 -2.6553e+00 -6.9104e+00

1873 721 0.0000e+00 0.0000e+00 0.0000e+00 -1.6453e+01 -2.1826e+01 -4.9042e+00  
731 0.0000e+00 0.0000e+00 0.0000e+00 -1.5186e+01 -2.2790e+01 -3.5072e+00  
732 0.0000e+00 0.0000e+00 0.0000e+00 -1.4128e+01 -1.7570e+01 -4.2683e+00  
722 0.0000e+00 0.0000e+00 0.0000e+00 -1.4949e+01 -1.6875e+01 -5.6652e+00

1874 720 0.0000e+00 0.0000e+00 0.0000e+00 -1.8905e+01 -2.3934e+01 -3.9415e+00  
730 0.0000e+00 0.0000e+00 0.0000e+00 -1.7082e+01 -2.4979e+01 -2.5247e+00  
731 0.0000e+00 0.0000e+00 0.0000e+00 -1.5984e+01 -2.3622e+01 -3.3092e+00  
721 0.0000e+00 0.0000e+00 0.0000e+00 -1.7404e+01 -2.2956e+01 -4.7261e+00

1875 719 0.0000e+00 0.0000e+00 0.0000e+00 -2.0711e+01 -2.2642e+01 -2.8111e+00  
729 0.0000e+00 0.0000e+00 0.0000e+00 -1.8522e+01 -2.3677e+01 -1.6113e+00  
730 0.0000e+00 0.0000e+00 0.0000e+00 -1.7556e+01 -2.4692e+01 -2.4525e+00  
720 0.0000e+00 0.0000e+00 0.0000e+00 -1.9475e+01 -2.3893e+01 -3.6523e+00

1876 718 0.0000e+00 0.0000e+00 0.0000e+00 -2.1924e+01 -1.9610e+01 -1.7048e+00  
728 0.0000e+00 0.0000e+00 0.0000e+00 -1.9495e+01 -2.0528e+01 -7.8396e-01  
729 0.0000e+00 0.0000e+00 0.0000e+00 -1.8715e+01 -2.2805e+01 -1.5953e+00  
719 0.0000e+00 0.0000e+00 0.0000e+00 -2.1014e+01 -2.1954e+01 -2.5161e+00

1877 717 0.0000e+00 0.0000e+00 0.0000e+00 -2.2688e+01 -1.5891e+01 -7.8969e-01  
727 0.0000e+00 0.0000e+00 0.0000e+00 -2.0089e+01 -1.6625e+01 -1.1636e-01  
728 0.0000e+00 0.0000e+00 0.0000e+00 -1.9491e+01 -1.9412e+01 -8.1061e-01  
718 0.0000e+00 0.0000e+00 0.0000e+00 -2.2051e+01 -1.8632e+01 -1.4839e+00

1878 716 0.0000e+00 0.0000e+00 0.0000e+00 -2.3161e+01 -1.2098e+01 -1.4579e-01  
726 0.0000e+00 0.0000e+00 0.0000e+00 -2.0429e+01 -1.2638e+01 3.4868e-01  
727 0.0000e+00 0.0000e+00 0.0000e+00 -1.9974e+01 -1.5465e+01 -1.8720e-01  
717 0.0000e+00 0.0000e+00 0.0000e+00 -2.2709e+01 -1.4837e+01 -6.8167e-01

1879 715 0.0000e+00 0.0000e+00 0.0000e+00 -2.3474e+01 -8.5721e+00 2.3805e-01  
725 0.0000e+00 0.0000e+00 0.0000e+00 -2.0620e+01 -8.9595e+00 6.1648e-01  
726 0.0000e+00 0.0000e+00 0.0000e+00 -2.0274e+01 -1.1545e+01 2.2977e-01  
716 0.0000e+00 0.0000e+00 0.0000e+00 -2.3126e+01 -1.1089e+01 -1.4865e-01

1880 714 0.0000e+00 0.0000e+00 0.0000e+00 -2.3691e+01 -5.5252e+00 4.3705e-01  
724 0.0000e+00 0.0000e+00 0.0000e+00 -2.0725e+01 -5.8196e+00 7.2676e-01  
725 0.0000e+00 0.0000e+00 0.0000e+00 -2.0470e+01 -7.9974e+00 4.4770e-01  
715 0.0000e+00 0.0000e+00 0.0000e+00 -2.3415e+01 -7.6834e+00 1.5800e-01

1881 610 0.0000e+00 0.0000e+00 0.0000e+00 -2.3838e+01 -3.1236e+00 5.3119e-01  
621 0.0000e+00 0.0000e+00 0.0000e+00 -2.0729e+01 -3.3534e+00 7.2071e-01  
724 0.0000e+00 0.0000e+00 0.0000e+00 -2.0592e+01 -5.0391e+00 5.0774e-01  
714 0.0000e+00 0.0000e+00 0.0000e+00 -2.3627e+01 -4.8048e+00 3.1822e-01

1882 712 0.0000e+00 0.0000e+00 0.0000e+00 -1.4160e+01 -1.2656e+01 -9.3417e+00  
722 0.0000e+00 0.0000e+00 0.0000e+00 -1.3852e+01 -1.3489e+01 -7.6206e+00  
723 0.0000e+00 0.0000e+00 0.0000e+00 -1.3097e+01 -1.9793e+00 -8.5203e+00  
713 0.0000e+00 0.0000e+00 0.0000e+00 -1.1757e+01 -8.5027e-01 -1.0241e+01

1883 711 0.0000e+00 0.0000e+00 0.0000e+00 -1.7885e+01 -2.0439e+01 -8.1339e+00  
721 0.0000e+00 0.0000e+00 0.0000e+00 -1.7042e+01 -2.1773e+01 -6.1003e+00  
722 0.0000e+00 0.0000e+00 0.0000e+00 -1.5334e+01 -1.6346e+01 -7.0609e+00  
712 0.0000e+00 0.0000e+00 0.0000e+00 -1.5861e+01 -1.5586e+01 -9.0945e+00

1884 710 0.0000e+00 0.0000e+00 0.0000e+00 -2.0917e+01 -2.2301e+01 -6.5066e+00  
720 0.0000e+00 0.0000e+00 0.0000e+00 -1.9743e+01 -2.3798e+01 -4.5839e+00  
721 0.0000e+00 0.0000e+00 0.0000e+00 -1.8165e+01 -2.2477e+01 -5.7897e+00  
711 0.0000e+00 0.0000e+00 0.0000e+00 -1.8967e+01 -2.1345e+01 -7.7123e+00

1885 709 0.0000e+00 0.0000e+00 0.0000e+00 -2.3075e+01 -2.1022e+01 -4.5884e+00  
719 0.0000e+00 0.0000e+00 0.0000e+00 -2.1734e+01 -2.2460e+01 -3.0762e+00  
720 0.0000e+00 0.0000e+00 0.0000e+00 -2.0412e+01 -2.3469e+01 -4.3598e+00  
710 0.0000e+00 0.0000e+00 0.0000e+00 -2.1623e+01 -2.2110e+01 -5.8720e+00

1886 708 0.0000e+00 0.0000e+00 0.0000e+00 -2.4496e+01 -1.8254e+01 -2.8362e+00  
718 0.0000e+00 0.0000e+00 0.0000e+00 -2.3030e+01 -1.9452e+01 -1.7461e+00  
719 0.0000e+00 0.0000e+00 0.0000e+00 -2.2028e+01 -2.1623e+01 -2.9011e+00  
709 0.0000e+00 0.0000e+00 0.0000e+00 -2.3498e+01 -2.0303e+01 -3.9912e+00

1887 707 0.0000e+00 0.0000e+00 0.0000e+00 -2.5386e+01 -1.4928e+01 -1.4808e+00  
717 0.0000e+00 0.0000e+00 0.0000e+00 -2.3802e+01 -1.5809e+01 -7.2229e-01  
718 0.0000e+00 0.0000e+00 0.0000e+00 -2.3072e+01 -1.8420e+01 -1.6270e+00  
708 0.0000e+00 0.0000e+00 0.0000e+00 -2.4724e+01 -1.7328e+01 -2.3856e+00

1888 706 0.0000e+00 0.0000e+00 0.0000e+00 -2.5946e+01 -1.1537e+01 -5.8996e-01  
716 0.0000e+00 0.0000e+00 0.0000e+00 -2.4248e+01 -1.2110e+01 -4.7591e-02  
717 0.0000e+00 0.0000e+00 0.0000e+00 -2.3710e+01 -1.4746e+01 -6.7142e-01  
707 0.0000e+00 0.0000e+00 0.0000e+00 -2.5488e+01 -1.3959e+01 -1.2138e+00

1889 705 0.0000e+00 0.0000e+00 0.0000e+00 -2.6350e+01 -8.3140e+00 -1.0387e-01  
715 0.0000e+00 0.0000e+00 0.0000e+00 -2.4530e+01 -8.6707e+00 3.2750e-01  
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705 0.0000e+00 0.0000e+00 0.0000e+00 -2.6339e+01 -7.4606e+00 -1.2475e-01

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1892 702 0.0000e+00 0.0000e+00 0.0000e+00 -1.3943e+01 -1.2001e+01 -1.3806e+01  
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711 0.0000e+00 0.0000e+00 0.0000e+00 -1.8200e+01 -2.0111e+01 -9.5233e+00  
712 0.0000e+00 0.0000e+00 0.0000e+00 -1.5886e+01 -1.4983e+01 -1.0775e+01  
702 0.0000e+00 0.0000e+00 0.0000e+00 -1.5548e+01 -1.4002e+01 -1.3243e+01

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711 0.0000e+00 0.0000e+00 0.0000e+00 -1.9594e+01 -2.0668e+01 -9.0229e+00  
701 0.0000e+00 0.0000e+00 0.0000e+00 -1.8770e+01 -1.8770e+01 -1.1135e+01

1895 699 0.0000e+00 0.0000e+00 0.0000e+00 -2.2821e+01 -1.8597e+01 -6.4901e+00  
709 0.0000e+00 0.0000e+00 0.0000e+00 -2.3741e+01 -2.0413e+01 -4.9355e+00  
710 0.0000e+00 0.0000e+00 0.0000e+00 -2.2237e+01 -2.1430e+01 -6.7182e+00  
700 0.0000e+00 0.0000e+00 0.0000e+00 -2.1473e+01 -1.9360e+01 -8.2728e+00

1896 698 0.0000e+00 0.0000e+00 0.0000e+00 -2.4209e+01 -1.6319e+01 -4.0472e+00  
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709 0.0000e+00 0.0000e+00 0.0000e+00 -2.4046e+01 -1.9718e+01 -4.4382e+00

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698 0.0000e+00 0.0000e+00 0.0000e+00 -2.4512e+01 -1.5563e+01 -3.3062e+00

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705 0.0000e+00 0.0000e+00 0.0000e+00 -2.6730e+01 -8.2637e+00 -1.1459e-01  
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704 0.0000e+00 0.0000e+00 0.0000e+00 -2.7055e+01 -5.4298e+00 9.7581e-02  
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695 0.0000e+00 0.0000e+00 0.0000e+00 -2.6142e+01 -7.3158e+00 -4.6404e-01

1901 588 0.0000e+00 0.0000e+00 0.0000e+00 -2.7033e+01 -2.8264e+00 -1.1534e-01  
599 0.0000e+00 0.0000e+00 0.0000e+00 -2.7396e+01 -3.0914e+00 3.2412e-01  
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694 0.0000e+00 0.0000e+00 0.0000e+00 -2.6561e+01 -4.5347e+00 -2.7815e-01

1902 691 0.0000e+00 0.0000e+00 0.0000e+00 -1.1678e+01 -1.1122e+01 -1.8305e+01  
702 0.0000e+00 0.0000e+00 0.0000e+00 -1.2881e+01 -1.0764e+01 -1.6090e+01  
703 0.0000e+00 0.0000e+00 0.0000e+00 -1.4785e+01 -9.0562e-01 -1.5471e+01  
693 0.0000e+00 0.0000e+00 0.0000e+00 -5.7081e+00 -1.8960e+00 -1.7687e+01

1903 689 0.0000e+00 0.0000e+00 0.0000e+00 -1.3784e+01 -1.4979e+01 -1.5313e+01  
701 0.0000e+00 0.0000e+00 0.0000e+00 -1.7540e+01 -1.7331e+01 -1.3262e+01  
702 0.0000e+00 0.0000e+00 0.0000e+00 -1.4966e+01 -1.3419e+01 -1.4983e+01  
691 0.0000e+00 0.0000e+00 0.0000e+00 -1.2595e+01 -1.2019e+01 -1.7034e+01

1904 687 0.0000e+00 0.0000e+00 0.0000e+00 -1.5584e+01 -1.6022e+01 -1.1685e+01  
700 0.0000e+00 0.0000e+00 0.0000e+00 -2.0562e+01 -1.8381e+01 -1.0074e+01  
701 0.0000e+00 0.0000e+00 0.0000e+00 -1.8806e+01 -1.7864e+01 -1.2340e+01  
689 0.0000e+00 0.0000e+00 0.0000e+00 -1.4383e+01 -1.5282e+01 -1.3952e+01

1905 685 0.0000e+00 0.0000e+00 0.0000e+00 -1.7053e+01 -1.5393e+01 -8.1392e+00  
699 0.0000e+00 0.0000e+00 0.0000e+00 -2.2488e+01 -1.7395e+01 -6.9032e+00  
700 0.0000e+00 0.0000e+00 0.0000e+00 -2.1130e+01 -1.8323e+01 -8.9625e+00  
687 0.0000e+00 0.0000e+00 0.0000e+00 -1.6143e+01 -1.5835e+01 -1.0199e+01

1906 683 0.0000e+00 0.0000e+00 0.0000e+00 -1.8332e+01 -1.3950e+01 -5.2720e+00  
698 0.0000e+00 0.0000e+00 0.0000e+00 -2.3690e+01 -1.5390e+01 -4.2920e+00  
699 0.0000e+00 0.0000e+00 0.0000e+00 -2.2701e+01 -1.6951e+01 -5.8669e+00  
685 0.0000e+00 0.0000e+00 0.0000e+00 -1.7523e+01 -1.4958e+01 -6.8470e+00

1907 681 0.0000e+00 0.0000e+00 0.0000e+00 -1.9391e+01 -1.2090e+01 -3.1436e+00  
697 0.0000e+00 0.0000e+00 0.0000e+00 -2.4444e+01 -1.2950e+01 -2.3797e+00  
698 0.0000e+00 0.0000e+00 0.0000e+00 -2.3731e+01 -1.4752e+01 -3.4370e+00  
683 0.0000e+00 0.0000e+00 0.0000e+00 -1.8702e+01 -1.3306e+01 -4.2009e+00

1908 679 0.0000e+00 0.0000e+00 0.0000e+00 -2.0145e+01 -1.0087e+01 -1.7060e+00  
696 0.0000e+00 0.0000e+00 0.0000e+00 -2.4888e+01 -1.0379e+01 -1.1682e+00  
697 0.0000e+00 0.0000e+00 0.0000e+00 -2.4394e+01 -1.2250e+01 -1.7403e+00  
681 0.0000e+00 0.0000e+00 0.0000e+00 -1.9652e+01 -1.1295e+01 -2.2782e+00

1909 677 0.0000e+00 0.0000e+00 0.0000e+00 -2.0474e+01 -8.1100e+00 -9.3540e-01  
695 0.0000e+00 0.0000e+00 0.0000e+00 -2.5155e+01 -7.7895e+00 -6.2736e-01  
696 0.0000e+00 0.0000e+00 0.0000e+00 -2.4775e+01 -9.7052e+00 -7.2121e-01  
679 0.0000e+00 0.0000e+00 0.0000e+00 -2.0288e+01 -9.1802e+00 -1.0293e+00

1910 675 0.0000e+00 0.0000e+00 0.0000e+00 -2.0623e+01 -6.0822e+00 -9.0906e-01  
694 0.0000e+00 0.0000e+00 0.0000e+00 -2.5405e+01 -5.1003e+00 -6.5113e-01  
695 0.0000e+00 0.0000e+00 0.0000e+00 -2.5040e+01 -7.1529e+00 -2.8275e-01  
677 0.0000e+00 0.0000e+00 0.0000e+00 -2.0515e+01 -6.9741e+00 -5.4068e-01

1911 577 0.0000e+00 0.0000e+00 0.0000e+00 -2.0908e+01 -2.8699e+00 -8.0035e-01  
588 0.0000e+00 0.0000e+00 0.0000e+00 -2.6052e+01 -2.5689e+00 -2.9985e-01  
694 0.0000e+00 0.0000e+00 0.0000e+00 -2.5653e+01 -4.2094e+00 -2.4858e-01  
675 0.0000e+00 0.0000e+00 0.0000e+00 -2.0389e+01 -4.0201e+00 -7.4908e-01

1912 692 0.0000e+00 0.0000e+00 0.0000e+00 -3.4082e+00 -1.4726e+01 -1.9349e+01  
691 0.0000e+00 0.0000e+00 0.0000e+00 -8.9028e+00 -8.3181e+00 -2.0317e+01

	693	0.0000e+00	0.0000e+00	0.0000e+00	-1.4627e+01	-3.8914e+00	-1.9416e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	5.3859e-01	5.5265e-01	-1.8448e+01
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	-7.7207e-01	-1.4234e+01	-1.6043e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	-1.1605e+01	-1.2824e+01	-1.6508e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-1.1104e+01	-1.1370e+01	-1.8421e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	-2.1277e+00	-5.7904e+00	-1.7955e+01
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	-3.4726e-01	-1.3727e+01	-1.2736e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	-1.3040e+01	-1.3836e+01	-1.2520e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	-1.2738e+01	-1.3924e+01	-1.4646e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-2.5156e-01	-9.3990e+00	-1.4862e+01
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.3635e+00	-1.2284e+01	-9.5812e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	-1.4295e+01	-1.3636e+01	-8.7003e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	-1.3522e+01	-1.4197e+01	-1.0498e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-5.2036e-01	-1.1630e+01	-1.1379e+01
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	-3.0651e+00	-1.0351e+01	-6.8197e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	-1.5563e+01	-1.2571e+01	-5.5783e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	-1.4421e+01	-1.3382e+01	-6.9348e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.9300e+00	-1.2645e+01	-8.1761e+00
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	-4.8877e+00	-8.2825e+00	-4.5100e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	-1.6712e+01	-1.0998e+01	-3.2103e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	-1.5416e+01	-1.1948e+01	-4.1383e+00
	684	0.0000e+00	0.0000e+00	0.0000e+00	-3.7989e+00	-1.2641e+01	-5.4380e+00
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	-6.4193e+00	-6.3110e+00	-2.6258e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	-1.7541e+01	-9.1905e+00	-1.5313e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	-1.6336e+01	-1.0218e+01	-2.0855e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	-5.6158e+00	-1.1890e+01	-3.1800e+00
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	-7.2935e+00	-4.5543e+00	-1.0998e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	-1.7793e+01	-7.3055e+00	-4.7733e-01
	679	0.0000e+00	0.0000e+00	0.0000e+00	-1.6941e+01	-8.4406e+00	-7.0691e-01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-7.0026e+00	-1.0691e+01	-1.3293e+00
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	-7.0839e+00	-2.9284e+00	4.9746e-02
	675	0.0000e+00	0.0000e+00	0.0000e+00	-1.6925e+01	-5.0939e+00	-1.9428e-01
	677	0.0000e+00	0.0000e+00	0.0000e+00	-1.6854e+01	-6.8507e+00	-2.0788e-02
	678	0.0000e+00	0.0000e+00	0.0000e+00	-7.6026e+00	-9.3944e+00	2.2324e-01
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	1.3448e-01	-3.5981e-01	2.8967e-01
	577	0.0000e+00	0.0000e+00	0.0000e+00	-1.9382e+01	-1.6044e+00	-1.3554e+00
	675	0.0000e+00	0.0000e+00	0.0000e+00	-1.5480e+01	-4.2229e+00	3.6638e-01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-6.7856e+00	-9.2210e+00	2.0114e+00
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	-8.8756e+00	-6.9277e-01	-5.2061e-01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-9.3742e+00	-1.9684e+00	-3.5420e-01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-7.6683e+00	6.4271e-01	3.9223e-02
	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.0246e+01	-1.4126e+00	-1.2719e-01
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	-9.0413e+00	-8.4889e-01	-5.8486e-01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-1.0149e+01	-8.2881e-01	-2.6118e-01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-9.7400e+00	-1.0053e+00	-3.0938e-01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-8.7973e+00	-8.8973e-01	-6.3306e-01
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	-9.2340e+00	-4.2388e-01	-3.7396e-01
	672	0.0000e+00	0.0000e+00	0.0000e+00	-1.0490e+01	-4.0525e-01	-1.9733e-01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-1.0253e+01	-6.3486e-01	-2.1435e-01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-9.1145e+00	-5.8250e-01	-3.9097e-01
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	-9.3328e+00	-1.8746e-01	-2.1790e-01
	671	0.0000e+00	0.0000e+00	0.0000e+00	-1.0644e+01	-1.5786e-01	-1.3116e-01
	672	0.0000e+00	0.0000e+00	0.0000e+00	-1.0532e+01	-2.9254e-01	-1.2013e-01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-9.2697e+00	-2.8480e-01	-2.0687e-01
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	-9.3670e+00	-9.6721e-02	-9.3599e-02
	670	0.0000e+00	0.0000e+00	0.0000e+00	-1.0700e+01	-6.0134e-02	-6.4663e-02
	671	0.0000e+00	0.0000e+00	0.0000e+00	-1.0659e+01	-1.0931e-01	-3.7178e-02
	661	0.0000e+00	0.0000e+00	0.0000e+00	-9.3491e+00	-1.2719e-01	-6.6115e-02
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	-9.3468e+00	-8.0089e-02	1.4025e-02
	669	0.0000e+00	0.0000e+00	0.0000e+00	-1.0680e+01	-4.0577e-02	-5.4134e-03
	670	0.0000e+00	0.0000e+00	0.0000e+00	-1.0698e+01	-5.0351e-02	3.1735e-02
	660	0.0000e+00	0.0000e+00	0.0000e+00	-9.3683e+00	-8.4461e-02	5.1173e-02
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	-9.2588e+00	-5.2249e-02	1.2082e-01

	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.0567e+01	-1.9071e-02	4.3254e-02
	669	0.0000e+00	0.0000e+00	0.0000e+00	-1.0655e+01	-4.9179e-02	8.2850e-02
	659	0.0000e+00	0.0000e+00	0.0000e+00	-9.3272e+00	-9.4472e-02	1.6042e-01
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	-9.0753e+00	1.0290e-01	2.4742e-01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.0298e+01	1.1086e-01	8.2710e-02
	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.0502e+01	-2.9998e-02	1.1212e-01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-9.2031e+00	-8.0322e-02	2.7683e-01
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	-8.7074e+00	6.2451e-01	4.1552e-01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-9.7949e+00	5.8219e-01	1.1366e-01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.0156e+01	1.2000e-01	1.2324e-01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-8.9557e+00	5.8705e-02	4.2510e-01
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	-9.6658e+00	1.6093e+00	1.3195e-01
	20	0.0000e+00	0.0000e+00	0.0000e+00	-7.8911e+00	2.9586e+00	-1.1324e-01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-9.4245e+00	1.3742e-01	1.2042e-01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-8.6273e+00	1.0236e+00	3.6562e-01
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	-1.0020e+01	-1.0860e+00	-3.7081e-01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-9.1823e+00	-7.5693e-01	-5.1780e-01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-9.3889e+00	-1.8550e+00	-1.2692e-01
	654	0.0000e+00	0.0000e+00	0.0000e+00	-1.0110e+01	-2.3006e+00	2.0069e-02
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	-9.5435e+00	-5.1602e-01	-4.1244e-01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-9.0786e+00	-5.7724e-01	-5.5858e-01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-9.2575e+00	-1.0510e+00	-6.3284e-01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-9.6595e+00	-9.6503e-01	-4.8671e-01
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	-9.3309e+00	-1.7058e-01	-3.0248e-01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-9.1125e+00	-2.7343e-01	-3.2124e-01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-9.0578e+00	-5.7337e-01	-4.6911e-01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-9.4235e+00	-3.8317e-01	-4.5035e-01
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	-9.2639e+00	1.3398e-02	-1.6438e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	-9.1428e+00	-7.9806e-02	-1.6049e-01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-9.1008e+00	-2.3209e-01	-2.8331e-01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-9.2981e+00	-8.1891e-02	-2.8719e-01
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	-9.2413e+00	8.1268e-02	-3.0847e-02
	660	0.0000e+00	0.0000e+00	0.0000e+00	-9.1512e+00	-1.0594e-02	-3.0687e-02
	661	0.0000e+00	0.0000e+00	0.0000e+00	-9.1373e+00	-5.8415e-02	-1.3422e-01
	650	0.0000e+00	0.0000e+00	0.0000e+00	-9.2549e+00	5.4913e-02	-1.3438e-01
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	-9.2343e+00	9.5689e-02	1.0128e-01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-9.1295e+00	-8.2556e-03	9.1106e-02
	660	0.0000e+00	0.0000e+00	0.0000e+00	-9.1468e+00	-5.3018e-03	-8.6575e-03
	649	0.0000e+00	0.0000e+00	0.0000e+00	-9.2376e+00	8.8467e-02	1.5147e-03
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	-9.2369e+00	1.3529e-01	2.4516e-01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-9.0689e+00	2.7650e-03	2.2416e-01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-9.1197e+00	-7.9826e-05	1.1247e-01
	648	0.0000e+00	0.0000e+00	0.0000e+00	-9.2285e+00	8.8742e-02	1.3347e-01
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	-9.2763e+00	2.9021e-01	4.0010e-01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-8.9681e+00	1.2150e-01	3.8412e-01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-9.0459e+00	4.6435e-02	2.5158e-01
	647	0.0000e+00	0.0000e+00	0.0000e+00	-9.2307e+00	1.4038e-01	2.6756e-01
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	-9.3693e+00	6.2104e-01	4.6915e-01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-9.0009e+00	5.1097e-01	5.3871e-01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-8.9237e+00	2.8238e-01	4.5094e-01
	646	0.0000e+00	0.0000e+00	0.0000e+00	-9.3061e+00	3.4625e-01	3.8138e-01
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	-9.6200e+00	9.0361e-01	8.8485e-02
	655	0.0000e+00	0.0000e+00	0.0000e+00	-8.9919e+00	1.2723e+00	1.9305e-01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-8.8416e+00	1.0291e+00	4.7961e-01
	645	0.0000e+00	0.0000e+00	0.0000e+00	-9.5592e+00	8.2994e-01	3.7504e-01
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.1894e+01	-1.4197e+00	2.1336e-02
	653	0.0000e+00	0.0000e+00	0.0000e+00	-1.0256e+01	-1.3148e+00	-8.4575e-02
	654	0.0000e+00	0.0000e+00	0.0000e+00	-1.0398e+01	-2.5393e+00	7.4110e-02
	643	0.0000e+00	0.0000e+00	0.0000e+00	-1.1965e+01	-2.7489e+00	1.8002e-01
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.1531e+01	-4.5067e-01	-1.0597e-01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-9.9135e+00	-5.5481e-01	-2.9932e-01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-1.0163e+01	-1.0884e+00	-3.2408e-01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.1672e+01	-1.1435e+00	-1.3072e-01

1944	640	0.0000e+00	0.0000e+00	0.0000e+00	-1.1250e+01	-5.7136e-03	-1.0418e-01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-9.7160e+00	-1.6310e-01	-2.2997e-01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-9.8425e+00	-4.5624e-01	-3.7430e-01
	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.1377e+01	-3.2760e-01	-2.4851e-01
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.1095e+01	1.8470e-01	-4.2080e-02
	650	0.0000e+00	0.0000e+00	0.0000e+00	-9.6192e+00	1.4410e-02	-1.0564e-01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-9.6715e+00	-1.2693e-01	-2.8316e-01
	640	0.0000e+00	0.0000e+00	0.0000e+00	-1.1171e+01	5.4581e-02	-2.1960e-01
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	-1.1037e+01	2.4689e-01	4.1529e-02
	649	0.0000e+00	0.0000e+00	0.0000e+00	-9.5792e+00	6.7827e-02	1.9327e-02
	650	0.0000e+00	0.0000e+00	0.0000e+00	-9.5979e+00	2.6704e-02	-1.6308e-01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.1063e+01	2.0915e-01	-1.4088e-01
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	-1.1049e+01	2.6253e-01	1.3765e-01
	648	0.0000e+00	0.0000e+00	0.0000e+00	-9.5752e+00	6.9507e-02	1.4625e-01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-9.5755e+00	7.3889e-02	-4.1310e-02
	638	0.0000e+00	0.0000e+00	0.0000e+00	-1.1031e+01	2.5257e-01	-4.9912e-02
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	-1.1119e+01	2.9947e-01	2.4154e-01
	647	0.0000e+00	0.0000e+00	0.0000e+00	-9.6045e+00	9.4721e-02	2.8198e-01
	648	0.0000e+00	0.0000e+00	0.0000e+00	-9.5818e+00	8.8821e-02	8.7715e-02
	637	0.0000e+00	0.0000e+00	0.0000e+00	-1.1060e+01	2.6906e-01	4.7276e-02
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	-1.1251e+01	4.0258e-01	3.2244e-01
	646	0.0000e+00	0.0000e+00	0.0000e+00	-9.6875e+00	2.2628e-01	4.0770e-01
	647	0.0000e+00	0.0000e+00	0.0000e+00	-9.6133e+00	1.4979e-01	2.2812e-01
	636	0.0000e+00	0.0000e+00	0.0000e+00	-1.1153e+01	3.2939e-01	1.4285e-01
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	-1.1430e+01	5.4893e-01	2.9411e-01
	645	0.0000e+00	0.0000e+00	0.0000e+00	-9.8639e+00	5.1370e-01	4.3418e-01
	646	0.0000e+00	0.0000e+00	0.0000e+00	-9.6894e+00	3.2680e-01	3.4228e-01
	635	0.0000e+00	0.0000e+00	0.0000e+00	-1.1321e+01	4.7371e-01	2.0221e-01
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	-1.1581e+01	5.8848e-01	9.3403e-02
	644	0.0000e+00	0.0000e+00	0.0000e+00	-9.9559e+00	6.9894e-01	1.7524e-01
	645	0.0000e+00	0.0000e+00	0.0000e+00	-9.8439e+00	6.5330e-01	2.4170e-01
	634	0.0000e+00	0.0000e+00	0.0000e+00	-1.1528e+01	6.3206e-01	1.5986e-01
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	-1.5163e+01	-1.6402e+00	3.1520e-01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.2617e+01	-1.6693e+00	2.6407e-01
	643	0.0000e+00	0.0000e+00	0.0000e+00	-1.2699e+01	-2.9777e+00	2.5211e-01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.5184e+01	-2.9831e+00	3.0324e-01
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	-1.4905e+01	-5.2211e-01	1.8728e-01
	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.2308e+01	-6.3946e-01	4.8441e-02
	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.2489e+01	-1.3323e+00	-2.6293e-02
	631	0.0000e+00	0.0000e+00	0.0000e+00	-1.5004e+01	-1.3016e+00	1.1254e-01
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	-1.4669e+01	2.8781e-02	1.1693e-01
	640	0.0000e+00	0.0000e+00	0.0000e+00	-1.2062e+01	-1.4519e-01	-1.1583e-02
	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.2217e+01	-4.8619e-01	-1.5959e-01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-1.4774e+01	-3.6684e-01	-3.1081e-02
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.4520e+01	2.6360e-01	9.1484e-02
	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.1916e+01	6.1008e-02	1.3766e-02
	640	0.0000e+00	0.0000e+00	0.0000e+00	-1.2005e+01	-8.4829e-02	-1.7761e-01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-1.4587e+01	9.1857e-02	-9.9893e-02
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	-1.4468e+01	3.4400e-01	9.6268e-02
	638	0.0000e+00	0.0000e+00	0.0000e+00	-1.1859e+01	1.2353e-01	7.3649e-02
	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.1891e+01	8.2491e-02	-1.4008e-01
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.4483e+01	2.8559e-01	-1.1746e-01
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	-1.4502e+01	3.6990e-01	1.2316e-01
	637	0.0000e+00	0.0000e+00	0.0000e+00	-1.1879e+01	1.3538e-01	1.5118e-01
	638	0.0000e+00	0.0000e+00	0.0000e+00	-1.1860e+01	1.3615e-01	-7.6891e-02
	627	0.0000e+00	0.0000e+00	0.0000e+00	-1.4464e+01	3.5363e-01	-1.0491e-01
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	-1.4607e+01	4.0302e-01	1.6145e-01
	636	0.0000e+00	0.0000e+00	0.0000e+00	-1.1967e+01	1.6568e-01	2.3713e-01
	637	0.0000e+00	0.0000e+00	0.0000e+00	-1.1899e+01	1.5947e-01	2.6411e-03
	626	0.0000e+00	0.0000e+00	0.0000e+00	-1.4523e+01	3.8685e-01	-7.3038e-02
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	-1.4767e+01	4.6465e-01	1.8701e-01
	635	0.0000e+00	0.0000e+00	0.0000e+00	-1.2119e+01	2.5525e-01	3.0372e-01
	636	0.0000e+00	0.0000e+00	0.0000e+00	-1.1997e+01	2.1367e-01	8.4016e-02

	625	0.0000e+00	0.0000e+00	0.0000e+00	-1.4652e+01	4.3968e-01	-3.2694e-02
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	-1.4941e+01	5.1753e-01	1.6439e-01
	634	0.0000e+00	0.0000e+00	0.0000e+00	-1.2296e+01	3.7575e-01	2.9167e-01
	635	0.0000e+00	0.0000e+00	0.0000e+00	-1.2148e+01	3.2143e-01	1.2158e-01
	624	0.0000e+00	0.0000e+00	0.0000e+00	-1.4832e+01	5.1674e-01	-5.6934e-03
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.5045e+01	4.6958e-01	8.9030e-02
	633	0.0000e+00	0.0000e+00	0.0000e+00	-1.2404e+01	3.7334e-01	1.5328e-01
	634	0.0000e+00	0.0000e+00	0.0000e+00	-1.2317e+01	4.2636e-01	4.3571e-02
	623	0.0000e+00	0.0000e+00	0.0000e+00	-1.5002e+01	5.4756e-01	-2.0681e-02
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.9420e+01	-1.7847e+00	5.0758e-01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-1.6251e+01	-1.9166e+00	5.1390e-01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.6275e+01	-3.2224e+00	3.8300e-01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.9383e+01	-3.0949e+00	3.7668e-01
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.9263e+01	-6.4069e-01	4.0319e-01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-1.6019e+01	-7.8925e-01	3.2883e-01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-1.6121e+01	-1.5372e+00	1.9986e-01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.9312e+01	-1.4302e+00	2.7422e-01
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.9116e+01	-4.1966e-02	2.8483e-01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-1.5814e+01	-2.1623e-01	2.0095e-01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-1.5927e+01	-5.9340e-01	4.8956e-02
	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.9172e+01	-4.6645e-01	1.3283e-01
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.9029e+01	2.3566e-01	1.8191e-01
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.5687e+01	3.4448e-02	1.3245e-01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-1.5760e+01	-1.2624e-01	-4.9593e-02
	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.9055e+01	3.3317e-02	-1.2730e-04
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.9018e+01	3.4844e-01	1.0850e-01
	627	0.0000e+00	0.0000e+00	0.0000e+00	-1.5649e+01	1.2440e-01	1.0712e-01
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.5668e+01	7.4561e-02	-1.0283e-01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.9002e+01	2.6659e-01	-1.0144e-01
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.9076e+01	3.9671e-01	6.5129e-02
	626	0.0000e+00	0.0000e+00	0.0000e+00	-1.5694e+01	1.5621e-01	1.1158e-01
	627	0.0000e+00	0.0000e+00	0.0000e+00	-1.5658e+01	1.4837e-01	-1.2047e-01
	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.9018e+01	3.6775e-01	-1.6692e-01
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.9195e+01	4.4081e-01	4.4227e-02
	625	0.0000e+00	0.0000e+00	0.0000e+00	-1.5810e+01	1.9207e-01	1.3409e-01
	626	0.0000e+00	0.0000e+00	0.0000e+00	-1.5724e+01	1.8444e-01	-1.1213e-01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.9100e+01	4.2368e-01	-2.0200e-01
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.9354e+01	4.9890e-01	3.8083e-02
	624	0.0000e+00	0.0000e+00	0.0000e+00	-1.5976e+01	2.5159e-01	1.5772e-01
	625	0.0000e+00	0.0000e+00	0.0000e+00	-1.5854e+01	2.3319e-01	-9.3022e-02
	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.9235e+01	4.8280e-01	-2.1266e-01
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.9514e+01	5.3341e-01	4.4205e-02
	623	0.0000e+00	0.0000e+00	0.0000e+00	-1.6142e+01	2.9567e-01	1.5839e-01
	624	0.0000e+00	0.0000e+00	0.0000e+00	-1.6023e+01	2.9586e-01	-8.7498e-02
	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.9403e+01	5.4542e-01	-2.0168e-01
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.9589e+01	4.6619e-01	6.6162e-02
	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.6259e+01	2.3242e-01	1.2173e-01
	623	0.0000e+00	0.0000e+00	0.0000e+00	-1.6181e+01	3.1573e-01	-1.1438e-01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.9555e+01	5.4990e-01	-1.6996e-01
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.3854e+01	-1.8762e+00	5.7733e-01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-2.0672e+01	-2.0633e+00	6.5134e-01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-2.0629e+01	-3.3200e+00	4.5320e-01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-2.3748e+01	-3.1144e+00	3.7919e-01
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	-2.3814e+01	-7.9416e-01	5.0273e-01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-2.0533e+01	-9.4051e-01	4.9898e-01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-2.0554e+01	-1.6766e+00	3.5483e-01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.3801e+01	-1.5373e+00	3.5858e-01
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	-2.3789e+01	-1.9993e-01	3.4500e-01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-2.0408e+01	-3.4354e-01	3.3123e-01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-2.0453e+01	-7.2416e-01	2.0668e-01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-2.3772e+01	-6.2095e-01	2.2046e-01
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	-2.3807e+01	1.1182e-01	1.8224e-01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-2.0346e+01	-5.6350e-02	1.9131e-01

	618	0.0000e+00	0.0000e+00	0.0000e+00	-2.0371e+01	-2.2683e-01	4.9310e-02
	607	0.0000e+00	0.0000e+00	0.0000e+00	-2.3764e+01	-1.1358e-01	4.0241e-02
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	-2.3860e+01	2.6592e-01	5.6308e-02
	616	0.0000e+00	0.0000e+00	0.0000e+00	-2.0357e+01	7.1517e-02	9.2633e-02
	617	0.0000e+00	0.0000e+00	0.0000e+00	-2.0344e+01	7.4173e-03	-8.1571e-02
	606	0.0000e+00	0.0000e+00	0.0000e+00	-2.3799e+01	1.5825e-01	-1.1790e-01
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	-2.3939e+01	3.4564e-01	-3.0318e-02
	615	0.0000e+00	0.0000e+00	0.0000e+00	-2.0429e+01	1.3476e-01	3.0671e-02
	616	0.0000e+00	0.0000e+00	0.0000e+00	-2.0376e+01	1.0997e-01	-1.7156e-01
	605	0.0000e+00	0.0000e+00	0.0000e+00	-2.3868e+01	2.9987e-01	-2.3255e-01
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	-2.4044e+01	4.1359e-01	-8.9037e-02
	614	0.0000e+00	0.0000e+00	0.0000e+00	-2.0552e+01	1.9102e-01	-3.0349e-03
	615	0.0000e+00	0.0000e+00	0.0000e+00	-2.0463e+01	1.6748e-01	-2.2510e-01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-2.3959e+01	3.8501e-01	-3.1110e-01
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	-2.4177e+01	5.0411e-01	-1.1679e-01
	613	0.0000e+00	0.0000e+00	0.0000e+00	-2.0710e+01	2.5832e-01	-8.9832e-03
	614	0.0000e+00	0.0000e+00	0.0000e+00	-2.0599e+01	2.3064e-01	-2.5270e-01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-2.4071e+01	4.6786e-01	-3.6051e-01
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	-2.4315e+01	5.8702e-01	-8.4619e-02
	612	0.0000e+00	0.0000e+00	0.0000e+00	-2.0865e+01	3.0062e-01	1.9289e-02
	613	0.0000e+00	0.0000e+00	0.0000e+00	-2.0767e+01	3.0067e-01	-2.5900e-01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-2.4204e+01	5.6579e-01	-3.6291e-01
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	-2.4359e+01	5.4928e-01	2.8134e-02
	611	0.0000e+00	0.0000e+00	0.0000e+00	-2.0984e+01	2.3529e-01	7.4684e-02
	612	0.0000e+00	0.0000e+00	0.0000e+00	-2.0915e+01	3.1906e-01	-2.3444e-01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-2.4335e+01	6.1770e-01	-2.8099e-01
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	-2.7150e+01	-1.9271e+00	4.9334e-01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.4953e+01	-2.1018e+00	6.4926e-01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-2.4824e+01	-3.2645e+00	4.4626e-01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-2.6965e+01	-3.0369e+00	2.9034e-01
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	-2.7272e+01	-1.0064e+00	4.3729e-01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-2.4921e+01	-1.0734e+00	5.2160e-01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.4851e+01	-1.7347e+00	4.4110e-01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-2.7172e+01	-1.6421e+00	3.5679e-01
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.7440e+01	-4.4066e-01	2.2928e-01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-2.4915e+01	-5.0119e-01	3.2404e-01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-2.4871e+01	-8.4754e-01	2.9343e-01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-2.7293e+01	-8.4740e-01	1.9867e-01
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	-2.7616e+01	-8.1105e-02	3.9986e-02
	606	0.0000e+00	0.0000e+00	0.0000e+00	-2.4967e+01	-1.7977e-01	1.4204e-01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-2.4917e+01	-3.5171e-01	8.4453e-02
	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.7459e+01	-3.3625e-01	-1.7605e-02
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	-2.7752e+01	1.2983e-01	-7.8724e-02
	605	0.0000e+00	0.0000e+00	0.0000e+00	-2.5051e+01	-1.1263e-03	7.8160e-03
	606	0.0000e+00	0.0000e+00	0.0000e+00	-2.4994e+01	-8.4664e-02	-9.7230e-02
	595	0.0000e+00	0.0000e+00	0.0000e+00	-2.7634e+01	-7.4382e-03	-1.8377e-01
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	-2.7830e+01	2.4297e-01	-1.4761e-01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-2.5143e+01	1.0360e-01	-8.5652e-02
	605	0.0000e+00	0.0000e+00	0.0000e+00	-2.5081e+01	5.2622e-02	-2.2234e-01
	594	0.0000e+00	0.0000e+00	0.0000e+00	-2.7766e+01	1.8414e-01	-2.8430e-01
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	-2.7863e+01	3.2434e-01	-2.0253e-01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-2.5240e+01	1.9226e-01	-1.5502e-01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-2.5170e+01	1.3426e-01	-3.0218e-01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-2.7838e+01	2.9383e-01	-3.4969e-01
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	-2.7901e+01	4.5247e-01	-2.5077e-01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-2.5355e+01	3.0100e-01	-1.9133e-01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-2.5273e+01	2.2404e-01	-3.5296e-01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-2.7864e+01	3.9288e-01	-4.1239e-01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	-2.7983e+01	6.5097e-01	-2.2554e-01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-2.5483e+01	4.0562e-01	-1.4360e-01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-2.5409e+01	3.5045e-01	-3.6751e-01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-2.7892e+01	5.4886e-01	-4.4945e-01
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	-2.7983e+01	7.2037e-01	-2.2794e-02



	600	0.0000e+00	0.0000e+00	0.0000e+00	-2.5595e+01	3.8788e-01	1.1255e-02
	601	0.0000e+00	0.0000e+00	0.0000e+00	-2.5546e+01	4.4602e-01	-3.0354e-01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-2.7964e+01	7.3740e-01	-3.3759e-01
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	-2.7337e+01	-1.9257e+00	2.1071e-01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-2.7634e+01	-2.0097e+00	4.6858e-01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-2.7379e+01	-3.0112e+00	3.4810e-01
	588	0.0000e+00	0.0000e+00	0.0000e+00	-2.7071e+01	-2.8565e+00	9.0224e-02
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	-2.7776e+01	-1.3281e+00	9.2812e-02
	597	0.0000e+00	0.0000e+00	0.0000e+00	-2.7728e+01	-1.2048e+00	3.2918e-01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-2.7532e+01	-1.7025e+00	4.6077e-01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-2.7494e+01	-1.8400e+00	2.2440e-01
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	-2.8297e+01	-7.2309e-01	-1.8527e-01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.7934e+01	-6.6789e-01	1.1018e-01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-2.7748e+01	-9.4821e-01	2.6592e-01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-2.7886e+01	-1.2017e+00	-2.9528e-02
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	-2.8698e+01	-2.6613e-01	-3.0379e-01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-2.8176e+01	-2.7583e-01	-6.3022e-02
	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.8010e+01	-4.5560e-01	7.3091e-03
	585	0.0000e+00	0.0000e+00	0.0000e+00	-2.8379e+01	-6.0469e-01	-2.3346e-01
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	-2.8922e+01	2.0433e-02	-3.0378e-01
	594	0.0000e+00	0.0000e+00	0.0000e+00	-2.8357e+01	-2.2380e-02	-1.6154e-01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-2.8244e+01	-1.3596e-01	-1.6548e-01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-2.8747e+01	-1.7098e-01	-3.0771e-01
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	-2.8959e+01	1.5849e-01	-2.5057e-01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-2.8443e+01	1.2618e-01	-2.1446e-01
	594	0.0000e+00	0.0000e+00	0.0000e+00	-2.8392e+01	4.4929e-02	-2.5007e-01
	583	0.0000e+00	0.0000e+00	0.0000e+00	-2.8937e+01	8.3186e-02	-2.8618e-01
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	-2.8825e+01	2.0818e-01	-2.1403e-01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-2.8445e+01	2.3483e-01	-2.6916e-01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-2.8439e+01	1.3782e-01	-2.8768e-01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-2.8941e+01	2.0118e-01	-2.3256e-01
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	-2.8584e+01	2.9014e-01	-2.5416e-01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-2.8420e+01	3.8734e-01	-3.4772e-01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-2.8417e+01	2.2510e-01	-3.1894e-01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-2.8776e+01	2.6526e-01	-2.2538e-01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	-2.8476e+01	6.3424e-01	-3.3762e-01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-2.8446e+01	6.1374e-01	-3.4284e-01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-2.8422e+01	4.1980e-01	-3.4501e-01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-2.8510e+01	4.0360e-01	-3.3978e-01
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	-2.8384e+01	9.9710e-01	-8.9989e-02
	589	0.0000e+00	0.0000e+00	0.0000e+00	-2.8545e+01	7.3272e-01	-7.4556e-02
	590	0.0000e+00	0.0000e+00	0.0000e+00	-2.8536e+01	7.1570e-01	-2.9025e-01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-2.8362e+01	8.7879e-01	-3.0569e-01
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	-2.1570e+01	-2.1946e+00	-4.5970e-01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-2.6497e+01	-1.7780e+00	-1.1671e-02
	588	0.0000e+00	0.0000e+00	0.0000e+00	-2.6150e+01	-2.4680e+00	1.2283e-01
	577	0.0000e+00	0.0000e+00	0.0000e+00	-2.1012e+01	-2.3180e+00	-3.2519e-01
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	-2.3048e+01	-1.9107e+00	-9.5846e-01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-2.6853e+01	-1.4462e+00	-2.5113e-01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-2.6430e+01	-1.6096e+00	3.5619e-01
	575	0.0000e+00	0.0000e+00	0.0000e+00	-2.2043e+01	-2.3487e+00	-3.5113e-01
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	-2.4096e+01	-1.1243e+00	-1.0513e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	-2.7525e+01	-7.5886e-01	-4.4114e-01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-2.7138e+01	-1.0328e+00	-7.7667e-02
	573	0.0000e+00	0.0000e+00	0.0000e+00	-2.3251e+01	-1.3877e+00	-6.8784e-01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	-2.4710e+01	-4.7041e-01	-8.7215e-01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-2.8047e+01	-2.1653e-01	-4.8983e-01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-2.7755e+01	-4.6340e-01	-2.8646e-01
	571	0.0000e+00	0.0000e+00	0.0000e+00	-2.4230e+01	-6.1257e-01	-6.6878e-01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	-2.4971e+01	-5.0881e-02	-6.0111e-01
	583	0.0000e+00	0.0000e+00	0.0000e+00	-2.8326e+01	1.3153e-01	-4.3139e-01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-2.8183e+01	-4.2428e-02	-3.0613e-01
	569	0.0000e+00	0.0000e+00	0.0000e+00	-2.4770e+01	-1.0824e-01	-4.7585e-01

2007	565	0.0000e+00	0.0000e+00	0.0000e+00	-2.4921e+01	1.5398e-01	-2.9599e-01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-2.8366e+01	3.1099e-01	-3.2158e-01
	583	0.0000e+00	0.0000e+00	0.0000e+00	-2.8373e+01	1.9808e-01	-2.2091e-01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-2.4966e+01	1.5559e-01	-1.9532e-01
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	-2.4552e+01	1.8305e-01	-1.6218e-02
	581	0.0000e+00	0.0000e+00	0.0000e+00	-2.8180e+01	3.9160e-01	-2.3647e-01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-2.8323e+01	2.8534e-01	-1.0077e-01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-2.4854e+01	2.2497e-01	1.1948e-01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	-2.3797e+01	9.0251e-02	1.2528e-01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-2.7831e+01	5.0331e-01	-2.8711e-01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-2.8039e+01	2.9048e-01	-1.4563e-02
	563	0.0000e+00	0.0000e+00	0.0000e+00	-2.4421e+01	1.6340e-01	3.9783e-01
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	-2.2894e+01	4.3945e-02	-1.0785e-01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-2.7432e+01	8.8808e-01	-5.6082e-01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-2.7625e+01	3.6070e-01	-2.9652e-02
	561	0.0000e+00	0.0000e+00	0.0000e+00	-2.3616e+01	1.5215e-01	4.2332e-01
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	-2.2336e+01	1.3395e+00	-1.1884e-01
	578	0.0000e+00	0.0000e+00	0.0000e+00	-2.7516e+01	1.3576e+00	-2.1428e-01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-2.7574e+01	1.1033e+00	-1.1002e-01
	559	0.0000e+00	0.0000e+00	0.0000e+00	-2.2470e+01	9.1474e-01	-1.4578e-02
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	-7.9770e+00	-2.5908e+00	-4.3415e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	-1.7597e+01	-2.2381e+00	-1.2225e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	-1.8908e+01	-1.1141e+00	5.4534e-01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-3.7098e-01	-4.2651e+00	-2.5737e+00
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	-1.0626e+01	-2.8517e-01	-2.9351e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	-2.0330e+01	-1.7311e+00	-1.1648e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	-1.8190e+01	-1.6252e+00	-6.4478e-01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-9.1927e+00	-4.1016e+00	-2.4151e+00
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	-1.1939e+01	4.5088e-01	-2.1216e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	-2.1678e+01	-6.1338e-01	-1.1786e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	-2.0404e+01	-8.9347e-01	-7.5537e-01
	574	0.0000e+00	0.0000e+00	0.0000e+00	-1.1310e+01	-2.7964e+00	-1.6985e+00
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	-1.2540e+01	7.7244e-01	-1.4613e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	-2.2321e+01	1.1764e-01	-9.8210e-01
	571	0.0000e+00	0.0000e+00	0.0000e+00	-2.1570e+01	-1.3931e-01	-5.6785e-01
	572	0.0000e+00	0.0000e+00	0.0000e+00	-1.2324e+01	-1.6151e+00	-1.0470e+00
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	-1.2713e+01	8.4471e-01	-8.6335e-01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-2.2536e+01	5.6136e-01	-6.9452e-01
	569	0.0000e+00	0.0000e+00	0.0000e+00	-2.2182e+01	3.8407e-01	-2.8812e-01
	570	0.0000e+00	0.0000e+00	0.0000e+00	-1.2727e+01	-7.0468e-01	-4.5695e-01
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	-1.2569e+01	7.4239e-01	-2.6839e-01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-2.2416e+01	7.7294e-01	-3.5106e-01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-2.2398e+01	6.7287e-01	3.9581e-02
	568	0.0000e+00	0.0000e+00	0.0000e+00	-1.2754e+01	-7.0759e-02	1.2226e-01
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.2096e+01	5.1291e-01	3.6246e-01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-2.1948e+01	8.0721e-01	1.4630e-02
	565	0.0000e+00	0.0000e+00	0.0000e+00	-2.2267e+01	7.4985e-01	3.8781e-01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-1.2480e+01	3.0457e-01	7.3564e-01
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	-1.1122e+01	2.0687e-01	1.0548e+00
	561	0.0000e+00	0.0000e+00	0.0000e+00	-2.1008e+01	7.4378e-01	3.2976e-01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-2.1736e+01	6.3561e-01	7.0701e-01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.1857e+01	4.2488e-01	1.4320e+00
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	-9.2113e+00	-1.1907e-02	1.7602e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	-1.9123e+01	9.1014e-01	3.2907e-01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-2.0562e+01	2.9886e-01	8.3930e-01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-1.0660e+01	2.0972e-01	2.2704e+00
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.3522e-01	1.1025e+00	1.7583e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	-2.0316e+01	2.6486e+00	-8.9416e-01
	559	0.0000e+00	0.0000e+00	0.0000e+00	-1.8088e+01	8.0060e-01	9.9475e-01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-8.3167e+00	-1.3968e+00	3.6472e+00
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	-8.7488e+00	6.0226e-01	-3.5729e-01
	557	0.0000e+00	0.0000e+00	0.0000e+00	-9.5722e+00	-2.8641e-01	-6.4986e-02
	19	0.0000e+00	0.0000e+00	0.0000e+00	-7.9433e+00	2.6524e+00	1.4852e-01

	548	0.0000e+00	0.0000e+00	0.0000e+00	-9.7877e+00	1.3406e+00	-1.4378e-01
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	-9.1424e+00	-5.1721e-01	-4.1830e-01
	556	0.0000e+00	0.0000e+00	0.0000e+00	-1.0371e+01	-4.4799e-01	-8.0467e-02
	557	0.0000e+00	0.0000e+00	0.0000e+00	-9.9699e+00	1.2766e-01	-6.7327e-02
	547	0.0000e+00	0.0000e+00	0.0000e+00	-8.8616e+00	1.7084e-01	-4.0516e-01
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	-9.4395e+00	-7.9468e-01	-2.7521e-01
	555	0.0000e+00	0.0000e+00	0.0000e+00	-1.0778e+01	-7.3125e-01	-8.0615e-02
	556	0.0000e+00	0.0000e+00	0.0000e+00	-1.0537e+01	-4.9192e-01	-4.2378e-02
	546	0.0000e+00	0.0000e+00	0.0000e+00	-9.2872e+00	-5.0428e-01	-2.3697e-01
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	-9.6020e+00	-9.0977e-01	-1.7203e-01
	554	0.0000e+00	0.0000e+00	0.0000e+00	-1.0980e+01	-8.4399e-01	-7.0454e-02
	555	0.0000e+00	0.0000e+00	0.0000e+00	-1.0862e+01	-7.4859e-01	-1.5516e-02
	545	0.0000e+00	0.0000e+00	0.0000e+00	-9.5158e+00	-7.9168e-01	-1.1709e-01
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	-9.6663e+00	-9.2084e-01	-8.5266e-02
	553	0.0000e+00	0.0000e+00	0.0000e+00	-1.1060e+01	-8.5731e-01	-4.8410e-02
	554	0.0000e+00	0.0000e+00	0.0000e+00	-1.1017e+01	-8.4729e-01	1.1976e-02
	544	0.0000e+00	0.0000e+00	0.0000e+00	-9.6349e+00	-9.0343e-01	-2.4880e-02
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	-9.6500e+00	-8.4298e-01	-1.5550e-03
	552	0.0000e+00	0.0000e+00	0.0000e+00	-1.1042e+01	-7.8522e-01	-1.9745e-02
	553	0.0000e+00	0.0000e+00	0.0000e+00	-1.1062e+01	-8.4762e-01	4.0136e-02
	543	0.0000e+00	0.0000e+00	0.0000e+00	-9.6666e+00	-9.0853e-01	5.8327e-02
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	-9.5486e+00	-6.5660e-01	9.2407e-02
	551	0.0000e+00	0.0000e+00	0.0000e+00	-1.0918e+01	-6.1210e-01	1.1863e-02
	552	0.0000e+00	0.0000e+00	0.0000e+00	-1.1011e+01	-7.6199e-01	6.5612e-02
	542	0.0000e+00	0.0000e+00	0.0000e+00	-9.6182e+00	-8.2402e-01	1.4616e-01
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	-9.3418e+00	-2.9232e-01	2.1451e-01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.0631e+01	-2.7738e-01	4.5087e-02
	551	0.0000e+00	0.0000e+00	0.0000e+00	-1.0840e+01	-5.7367e-01	8.2401e-02
	541	0.0000e+00	0.0000e+00	0.0000e+00	-9.4746e+00	-6.3269e-01	2.5182e-01
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	-8.9417e+00	4.5725e-01	3.8530e-01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.0108e+01	4.1883e-01	7.6481e-02
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.0473e+01	-2.1245e-01	8.9872e-02
	540	0.0000e+00	0.0000e+00	0.0000e+00	-9.2008e+00	-2.7741e-01	3.9869e-01
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	-9.8628e+00	1.7385e+00	1.7111e-01
	18	0.0000e+00	0.0000e+00	0.0000e+00	-8.1244e+00	2.9498e+00	-1.0694e-01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-9.7269e+00	3.8603e-02	7.2681e-02
	539	0.0000e+00	0.0000e+00	0.0000e+00	-8.8215e+00	8.9395e-01	3.5074e-01
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	-9.7105e+00	4.2256e-01	-4.1015e-01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-8.9757e+00	6.1829e-01	-5.0071e-01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-9.1127e+00	9.9470e-01	-2.0726e-01
	537	0.0000e+00	0.0000e+00	0.0000e+00	-9.7563e+00	6.0885e-01	-1.1670e-01
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	-9.4909e+00	-2.2471e-01	-4.1714e-01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-9.1083e+00	-2.8777e-01	-4.6448e-01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-9.1591e+00	5.3374e-02	-5.5521e-01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-9.5356e+00	1.7012e-01	-5.0787e-01
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	-9.4518e+00	-5.7351e-01	-3.0166e-01
	545	0.0000e+00	0.0000e+00	0.0000e+00	-9.2745e+00	-6.6495e-01	-2.6561e-01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-9.1729e+00	-4.8843e-01	-3.9828e-01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-9.4806e+00	-3.1693e-01	-4.3434e-01
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	-9.4764e+00	-7.3000e-01	-1.6705e-01
	544	0.0000e+00	0.0000e+00	0.0000e+00	-9.3818e+00	-8.1351e-01	-1.3203e-01
	545	0.0000e+00	0.0000e+00	0.0000e+00	-9.3136e+00	-7.4037e-01	-2.4101e-01
	534	0.0000e+00	0.0000e+00	0.0000e+00	-9.4739e+00	-6.0789e-01	-2.7603e-01
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	-9.4949e+00	-7.5578e-01	-3.6757e-02
	543	0.0000e+00	0.0000e+00	0.0000e+00	-9.4263e+00	-8.4046e-01	-2.1371e-02
	544	0.0000e+00	0.0000e+00	0.0000e+00	-9.3997e+00	-8.3721e-01	-1.1520e-01
	533	0.0000e+00	0.0000e+00	0.0000e+00	-9.4903e+00	-7.3594e-01	-1.3058e-01
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	-9.4953e+00	-6.7377e-01	9.4293e-02
	542	0.0000e+00	0.0000e+00	0.0000e+00	-9.4116e+00	-7.7281e-01	8.8002e-02
	543	0.0000e+00	0.0000e+00	0.0000e+00	-9.4260e+00	-8.3097e-01	-5.5666e-03
	532	0.0000e+00	0.0000e+00	0.0000e+00	-9.4936e+00	-7.4458e-01	7.2452e-04
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	-9.4841e+00	-4.7047e-01	2.3878e-01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-9.3390e+00	-6.0003e-01	2.1439e-01

	542	0.0000e+00	0.0000e+00	0.0000e+00	-9.3933e+00	-7.2975e-01	1.0623e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-9.4790e+00	-6.4496e-01	1.3062e-01
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	-9.4991e+00	-1.0143e-01	3.9580e-01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-9.2152e+00	-2.6968e-01	3.7290e-01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-9.3003e+00	-5.0445e-01	2.4148e-01
	530	0.0000e+00	0.0000e+00	0.0000e+00	-9.4602e+00	-4.1225e-01	2.6438e-01
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	-9.5706e+00	4.6693e-01	4.7068e-01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-9.2178e+00	3.4903e-01	5.3400e-01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-9.1526e+00	-4.9049e-02	4.4201e-01
	529	0.0000e+00	0.0000e+00	0.0000e+00	-9.5080e+00	1.5355e-02	3.7869e-01
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	-9.8108e+00	9.7886e-01	6.6616e-02
	538	0.0000e+00	0.0000e+00	0.0000e+00	-9.2379e+00	1.3945e+00	1.9497e-01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-9.0392e+00	9.3232e-01	4.9807e-01
	528	0.0000e+00	0.0000e+00	0.0000e+00	-9.7505e+00	7.4727e-01	3.6972e-01
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.1705e+01	2.1851e-01	-2.3101e-01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-9.9980e+00	2.4189e-01	-2.9515e-01
	537	0.0000e+00	0.0000e+00	0.0000e+00	-1.0096e+01	3.9903e-01	-2.2196e-01
	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.1737e+01	2.7735e-01	-1.5781e-01
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.1534e+01	-9.0398e-02	-2.7375e-01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-9.8795e+00	-2.4221e-01	-3.9642e-01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.0039e+01	6.0477e-02	-4.9042e-01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.1622e+01	9.4945e-02	-3.6775e-01
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	-1.1400e+01	-3.7420e-01	-2.0683e-01
	534	0.0000e+00	0.0000e+00	0.0000e+00	-9.8382e+00	-5.6218e-01	-2.7554e-01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-9.8969e+00	-3.8158e-01	-4.6212e-01
	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.1480e+01	-1.9981e-01	-3.9340e-01
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	-1.1334e+01	-5.3563e-01	-9.6760e-02
	533	0.0000e+00	0.0000e+00	0.0000e+00	-9.8320e+00	-7.2782e-01	-1.2601e-01
	534	0.0000e+00	0.0000e+00	0.0000e+00	-9.8449e+00	-6.4848e-01	-3.3071e-01
	523	0.0000e+00	0.0000e+00	0.0000e+00	-1.1380e+01	-4.3500e-01	-3.0145e-01
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	-1.1313e+01	-5.7306e-01	2.2064e-02
	532	0.0000e+00	0.0000e+00	0.0000e+00	-9.8334e+00	-7.6761e-01	1.5152e-02
	533	0.0000e+00	0.0000e+00	0.0000e+00	-9.8331e+00	-7.6197e-01	-1.8654e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	-1.1328e+01	-5.5680e-01	-1.7963e-01
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	-1.1327e+01	-4.9493e-01	1.4264e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-9.8363e+00	-6.9790e-01	1.5296e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	-9.8315e+00	-7.5815e-01	-4.7961e-02
	521	0.0000e+00	0.0000e+00	0.0000e+00	-1.1311e+01	-5.6292e-01	-5.8282e-02
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	-1.1379e+01	-2.9904e-01	2.6127e-01
	530	0.0000e+00	0.0000e+00	0.0000e+00	-9.8509e+00	-5.0894e-01	2.9533e-01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-9.8315e+00	-6.4439e-01	9.2856e-02
	520	0.0000e+00	0.0000e+00	0.0000e+00	-1.1329e+01	-4.5304e-01	5.8797e-02
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	-1.1482e+01	1.3384e-02	3.4790e-01
	529	0.0000e+00	0.0000e+00	0.0000e+00	-9.9091e+00	-1.6378e-01	4.2420e-01
	530	0.0000e+00	0.0000e+00	0.0000e+00	-9.8412e+00	-4.0218e-01	2.4105e-01
	519	0.0000e+00	0.0000e+00	0.0000e+00	-1.1396e+01	-2.1638e-01	1.6476e-01
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	-1.1632e+01	3.8537e-01	3.1348e-01
	528	0.0000e+00	0.0000e+00	0.0000e+00	-1.0065e+01	3.5953e-01	4.4852e-01
	529	0.0000e+00	0.0000e+00	0.0000e+00	-9.8900e+00	-2.3861e-03	3.6049e-01
	518	0.0000e+00	0.0000e+00	0.0000e+00	-1.1535e+01	1.4624e-01	2.2544e-01
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	-1.1761e+01	6.3333e-01	8.7420e-02
	527	0.0000e+00	0.0000e+00	0.0000e+00	-1.0145e+01	7.7132e-01	1.6925e-01
	528	0.0000e+00	0.0000e+00	0.0000e+00	-1.0024e+01	5.6225e-01	2.5438e-01
	517	0.0000e+00	0.0000e+00	0.0000e+00	-1.1717e+01	5.3153e-01	1.7255e-01
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.5213e+01	1.2795e-01	-9.3383e-02
	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.2499e+01	6.7438e-03	-1.3263e-01
	526	0.0000e+00	0.0000e+00	0.0000e+00	-1.2565e+01	5.9300e-02	-2.3802e-01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.5227e+01	1.4694e-01	-1.9877e-01
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.5091e+01	-4.1138e-02	-1.0731e-01
	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.2370e+01	-2.4510e-01	-2.1112e-01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.2500e+01	-7.8667e-02	-3.8480e-01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.5170e+01	6.1583e-02	-2.8099e-01
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.4957e+01	-2.4596e-01	-6.7257e-02

	523	0.0000e+00	0.0000e+00	0.0000e+00	-1.2257e+01	-4.8989e-01	-1.6202e-01
	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.2362e+01	-3.4523e-01	-3.9436e-01
	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.5044e+01	-1.2873e-01	-2.9959e-01
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	-1.4867e+01	-3.8726e-01	3.8402e-04
	522	0.0000e+00	0.0000e+00	0.0000e+00	-1.2188e+01	-6.4320e-01	-5.7673e-02
	523	0.0000e+00	0.0000e+00	0.0000e+00	-1.2245e+01	-5.6437e-01	-3.1471e-01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.4927e+01	-3.1091e-01	-2.5665e-01
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.4832e+01	-4.2677e-01	7.6212e-02
	521	0.0000e+00	0.0000e+00	0.0000e+00	-1.2162e+01	-6.8524e-01	5.7617e-02
	522	0.0000e+00	0.0000e+00	0.0000e+00	-1.2179e+01	-6.7671e-01	-2.0437e-01
	511	0.0000e+00	0.0000e+00	0.0000e+00	-1.4853e+01	-4.1597e-01	-1.8578e-01
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	-1.4852e+01	-3.5639e-01	1.5145e-01
	520	0.0000e+00	0.0000e+00	0.0000e+00	-1.2179e+01	-6.1484e-01	1.7155e-01
	521	0.0000e+00	0.0000e+00	0.0000e+00	-1.2160e+01	-6.7580e-01	-8.9160e-02
	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.4830e+01	-4.1758e-01	-1.0925e-01
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	-1.4925e+01	-1.8024e-01	2.1673e-01
	519	0.0000e+00	0.0000e+00	0.0000e+00	-1.2243e+01	-4.2906e-01	2.7776e-01
	520	0.0000e+00	0.0000e+00	0.0000e+00	-1.2182e+01	-5.6195e-01	2.4472e-02
	509	0.0000e+00	0.0000e+00	0.0000e+00	-1.4862e+01	-3.0880e-01	-3.6558e-02
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	-1.5044e+01	7.6231e-02	2.5005e-01
	518	0.0000e+00	0.0000e+00	0.0000e+00	-1.2362e+01	-1.3324e-01	3.5055e-01
	519	0.0000e+00	0.0000e+00	0.0000e+00	-1.2250e+01	-3.3404e-01	1.2432e-01
	508	0.0000e+00	0.0000e+00	0.0000e+00	-1.4953e+01	-9.5162e-02	2.3817e-02
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	-1.5176e+01	3.4040e-01	2.1823e-01
	517	0.0000e+00	0.0000e+00	0.0000e+00	-1.2507e+01	2.1009e-01	3.3069e-01
	518	0.0000e+00	0.0000e+00	0.0000e+00	-1.2367e+01	-1.1539e-02	1.6581e-01
	507	0.0000e+00	0.0000e+00	0.0000e+00	-1.5089e+01	1.8491e-01	5.3347e-02
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	-1.5251e+01	4.8614e-01	1.1820e-01
	516	0.0000e+00	0.0000e+00	0.0000e+00	-1.2573e+01	4.1366e-01	1.6834e-01
	517	0.0000e+00	0.0000e+00	0.0000e+00	-1.2504e+01	3.1303e-01	7.4216e-02
	506	0.0000e+00	0.0000e+00	0.0000e+00	-1.5219e+01	4.2708e-01	2.4079e-02
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.9805e+01	1.2462e-01	1.3108e-06
	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.6400e+01	-1.1054e-01	-2.1233e-02
	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.6448e+01	-9.1934e-02	-2.5409e-01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.9800e+01	1.3438e-01	-2.3285e-01
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.9718e+01	-5.7781e-03	3.2960e-02
	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.6295e+01	-2.6618e-01	-4.6876e-02
	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.6387e+01	-1.5958e-01	-2.9749e-01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.9788e+01	7.6693e-02	-2.1766e-01
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.9616e+01	-1.7949e-01	6.0145e-02
	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.6177e+01	-4.5354e-01	-2.5179e-02
	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.6274e+01	-3.3759e-01	-2.9248e-01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.9691e+01	-8.1896e-02	-2.0716e-01
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.9542e+01	-3.0654e-01	8.6086e-02
	511	0.0000e+00	0.0000e+00	0.0000e+00	-1.6094e+01	-5.8726e-01	2.8659e-02
	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.6158e+01	-5.1312e-01	-2.4934e-01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.9594e+01	-2.4289e-01	-1.9192e-01
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.9513e+01	-3.4491e-01	1.1259e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.6061e+01	-6.2581e-01	9.3781e-02
	511	0.0000e+00	0.0000e+00	0.0000e+00	-1.6082e+01	-6.1538e-01	-1.8825e-01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.9530e+01	-3.3734e-01	-1.6944e-01
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.9532e+01	-2.8210e-01	1.3620e-01
	509	0.0000e+00	0.0000e+00	0.0000e+00	-1.6082e+01	-5.5749e-01	1.5784e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.6058e+01	-6.1645e-01	-1.2232e-01
	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.9512e+01	-3.3663e-01	-1.4395e-01
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.9599e+01	-1.2140e-01	1.5043e-01
	508	0.0000e+00	0.0000e+00	0.0000e+00	-1.6157e+01	-3.8564e-01	2.1234e-01
	509	0.0000e+00	0.0000e+00	0.0000e+00	-1.6089e+01	-5.1006e-01	-6.0207e-02
	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.9542e+01	-2.3416e-01	-1.2211e-01
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.9704e+01	1.1009e-01	1.5200e-01
	507	0.0000e+00	0.0000e+00	0.0000e+00	-1.6275e+01	-1.3712e-01	2.4475e-01
	508	0.0000e+00	0.0000e+00	0.0000e+00	-1.6172e+01	-3.0536e-01	-1.4163e-02
	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.9620e+01	-3.9440e-02	-1.0691e-01

2070 495 0.0000e+00 0.0000e+00 0.0000e+00 -1.9810e+01 3.4061e-01 1.4573e-01  
506 0.0000e+00 0.0000e+00 0.0000e+00 -1.6396e+01 1.1351e-01 2.3591e-01  
507 0.0000e+00 0.0000e+00 0.0000e+00 -1.6294e+01 -4.3616e-02 -4.4770e-03  
496 0.0000e+00 0.0000e+00 0.0000e+00 -1.9730e+01 2.0569e-01 -9.4658e-02

2071 494 0.0000e+00 0.0000e+00 0.0000e+00 -1.9854e+01 4.5907e-01 1.4320e-01  
505 0.0000e+00 0.0000e+00 0.0000e+00 -1.6449e+01 2.4304e-01 1.7619e-01  
506 0.0000e+00 0.0000e+00 0.0000e+00 -1.6408e+01 1.8024e-01 -4.8009e-02  
495 0.0000e+00 0.0000e+00 0.0000e+00 -1.9829e+01 4.0853e-01 -8.1001e-02

2072 492 0.0000e+00 0.0000e+00 0.0000e+00 -2.4618e+01 1.8436e-01 4.0957e-02  
503 0.0000e+00 0.0000e+00 0.0000e+00 -2.1173e+01 -1.1286e-01 3.7859e-02  
504 0.0000e+00 0.0000e+00 0.0000e+00 -2.1202e+01 -9.8144e-02 -2.6633e-01  
493 0.0000e+00 0.0000e+00 0.0000e+00 -2.4595e+01 2.0749e-01 -2.6323e-01

2073 491 0.0000e+00 0.0000e+00 0.0000e+00 -2.4568e+01 1.9185e-02 1.2065e-01  
502 0.0000e+00 0.0000e+00 0.0000e+00 -2.1094e+01 -2.5497e-01 6.3089e-02  
503 0.0000e+00 0.0000e+00 0.0000e+00 -2.1153e+01 -1.5518e-01 -2.1814e-01  
492 0.0000e+00 0.0000e+00 0.0000e+00 -2.4625e+01 1.2801e-01 -1.6057e-01

2074 490 0.0000e+00 0.0000e+00 0.0000e+00 -2.4520e+01 -1.6964e-01 1.3296e-01  
501 0.0000e+00 0.0000e+00 0.0000e+00 -2.0998e+01 -4.3251e-01 7.4837e-02  
502 0.0000e+00 0.0000e+00 0.0000e+00 -2.1069e+01 -3.1698e-01 -1.8551e-01  
491 0.0000e+00 0.0000e+00 0.0000e+00 -2.4567e+01 -6.3886e-02 -1.2739e-01

2075 489 0.0000e+00 0.0000e+00 0.0000e+00 -2.4496e+01 -2.9362e-01 1.2347e-01  
500 0.0000e+00 0.0000e+00 0.0000e+00 -2.0933e+01 -5.5880e-01 8.9458e-02  
501 0.0000e+00 0.0000e+00 0.0000e+00 -2.0982e+01 -4.8071e-01 -1.6844e-01  
490 0.0000e+00 0.0000e+00 0.0000e+00 -2.4516e+01 -2.3479e-01 -1.3442e-01

2076 488 0.0000e+00 0.0000e+00 0.0000e+00 -2.4492e+01 -3.2998e-01 1.1642e-01  
499 0.0000e+00 0.0000e+00 0.0000e+00 -2.0911e+01 -5.9342e-01 1.0789e-01  
500 0.0000e+00 0.0000e+00 0.0000e+00 -2.0926e+01 -5.7919e-01 -1.5365e-01  
489 0.0000e+00 0.0000e+00 0.0000e+00 -2.4494e+01 -3.2432e-01 -1.4511e-01

2077 487 0.0000e+00 0.0000e+00 0.0000e+00 -2.4502e+01 -2.7570e-01 1.0734e-01  
498 0.0000e+00 0.0000e+00 0.0000e+00 -2.0930e+01 -5.2718e-01 1.2264e-01  
499 0.0000e+00 0.0000e+00 0.0000e+00 -2.0909e+01 -5.8428e-01 -1.3629e-01  
488 0.0000e+00 0.0000e+00 0.0000e+00 -2.4492e+01 -3.2261e-01 -1.5159e-01

2078 486 0.0000e+00 0.0000e+00 0.0000e+00 -2.4535e+01 -1.2692e-01 8.5251e-02  
497 0.0000e+00 0.0000e+00 0.0000e+00 -2.0990e+01 -3.6477e-01 1.2797e-01  
498 0.0000e+00 0.0000e+00 0.0000e+00 -2.0934e+01 -4.8781e-01 -1.2234e-01  
487 0.0000e+00 0.0000e+00 0.0000e+00 -2.4506e+01 -2.2959e-01 -1.6506e-01

2079 485 0.0000e+00 0.0000e+00 0.0000e+00 -2.4602e+01 1.0939e-01 5.9259e-02  
496 0.0000e+00 0.0000e+00 0.0000e+00 -2.1085e+01 -1.3263e-01 1.2992e-01  
497 0.0000e+00 0.0000e+00 0.0000e+00 -2.1004e+01 -2.9577e-01 -1.1897e-01  
486 0.0000e+00 0.0000e+00 0.0000e+00 -2.4541e+01 -4.4536e-02 -1.8963e-01

2080 484 0.0000e+00 0.0000e+00 0.0000e+00 -2.4683e+01 3.7252e-01 6.9772e-02  
495 0.0000e+00 0.0000e+00 0.0000e+00 -2.1185e+01 9.9281e-02 1.4476e-01  
496 0.0000e+00 0.0000e+00 0.0000e+00 -2.1110e+01 -4.7314e-02 -1.2369e-01  
485 0.0000e+00 0.0000e+00 0.0000e+00 -2.4606e+01 2.1146e-01 -1.9868e-01

2081 483 0.0000e+00 0.0000e+00 0.0000e+00 -2.4705e+01 5.1852e-01 1.5191e-01  
494 0.0000e+00 0.0000e+00 0.0000e+00 -2.1231e+01 2.1945e-01 1.7604e-01  
495 0.0000e+00 0.0000e+00 0.0000e+00 -2.1207e+01 1.6231e-01 -1.2052e-01  
484 0.0000e+00 0.0000e+00 0.0000e+00 -2.4680e+01 4.5097e-01 -1.4465e-01

2082 481 0.0000e+00 0.0000e+00 0.0000e+00 -2.8252e+01 2.8998e-01 1.7503e-02  
492 0.0000e+00 0.0000e+00 0.0000e+00 -2.5830e+01 7.0911e-03 3.2084e-02  
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2083 480 0.0000e+00 0.0000e+00 0.0000e+00 -2.8269e+01 7.5386e-05 1.1881e-01  
491 0.0000e+00 0.0000e+00 0.0000e+00 -2.5776e+01 -1.9949e-01 9.1819e-02  
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481 0.0000e+00 0.0000e+00 0.0000e+00 -2.8300e+01 1.8371e-01 -1.0169e-01

2084 479 0.0000e+00 0.0000e+00 0.0000e+00 -2.8340e+01 -2.2442e-01 8.8793e-02  
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491 0.0000e+00 0.0000e+00 0.0000e+00 -2.5759e+01 -2.6184e-01 -8.0585e-02  
480 0.0000e+00 0.0000e+00 0.0000e+00 -2.8306e+01 -1.0776e-01 -8.3791e-02

2085 478 0.0000e+00 0.0000e+00 0.0000e+00 -2.8423e+01 -3.3365e-01 6.1718e-02  
489 0.0000e+00 0.0000e+00 0.0000e+00 -2.5725e+01 -5.3702e-01 8.4288e-02  
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479 0.0000e+00 0.0000e+00 0.0000e+00 -2.8366e+01 -2.8993e-01 -1.1801e-01

2086 477 0.0000e+00 0.0000e+00 0.0000e+00 -2.8466e+01 -3.5857e-01 6.7941e-02  
488 0.0000e+00 0.0000e+00 0.0000e+00 -2.5736e+01 -5.6294e-01 8.2954e-02  
489 0.0000e+00 0.0000e+00 0.0000e+00 -2.5735e+01 -5.4253e-01 -1.1297e-01  
478 0.0000e+00 0.0000e+00 0.0000e+00 -2.8437e+01 -3.5861e-01 -1.2798e-01

2087 476 0.0000e+00 0.0000e+00 0.0000e+00 -2.8453e+01 -3.1898e-01 7.6952e-02  
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477 0.0000e+00 0.0000e+00 0.0000e+00 -2.8469e+01 -3.5222e-01 -1.1556e-01

2088 475 0.0000e+00 0.0000e+00 0.0000e+00 -2.8403e+01 -2.0109e-01 5.1990e-02  
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476 0.0000e+00 0.0000e+00 0.0000e+00 -2.8445e+01 -2.8062e-01 -1.1746e-01

2089 474 0.0000e+00 0.0000e+00 0.0000e+00 -2.8372e+01 3.8285e-02 -8.5511e-03  
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475 0.0000e+00 0.0000e+00 0.0000e+00 -2.8384e+01 -1.1995e-01 -1.6477e-01

2090 473 0.0000e+00 0.0000e+00 0.0000e+00 -2.8403e+01 3.9896e-01 -2.4449e-02  
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485 0.0000e+00 0.0000e+00 0.0000e+00 -2.5821e+01 -1.2636e-02 -1.7101e-01  
474 0.0000e+00 0.0000e+00 0.0000e+00 -2.8342e+01 1.6512e-01 -2.2587e-01

2091 472 0.0000e+00 0.0000e+00 0.0000e+00 -2.8399e+01 6.5599e-01 1.3036e-01  
483 0.0000e+00 0.0000e+00 0.0000e+00 -2.5919e+01 3.4357e-01 1.5233e-01  
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473 0.0000e+00 0.0000e+00 0.0000e+00 -2.8365e+01 5.3197e-01 -1.6240e-01

2092 470 0.0000e+00 0.0000e+00 0.0000e+00 -2.8603e+01 4.0608e-01 -9.3001e-02  
481 0.0000e+00 0.0000e+00 0.0000e+00 -2.8813e+01 2.6527e-01 -6.3743e-02  
482 0.0000e+00 0.0000e+00 0.0000e+00 -2.8773e+01 3.7113e-01 -2.6114e-01  
471 0.0000e+00 0.0000e+00 0.0000e+00 -2.8584e+01 6.2151e-01 -2.9039e-01

2093 469 0.0000e+00 0.0000e+00 0.0000e+00 -2.8832e+01 -1.5946e-01 -8.2611e-02  
480 0.0000e+00 0.0000e+00 0.0000e+00 -2.8786e+01 -1.2933e-01 -2.2993e-02  
481 0.0000e+00 0.0000e+00 0.0000e+00 -2.8755e+01 1.4312e-01 -1.0448e-02  
470 0.0000e+00 0.0000e+00 0.0000e+00 -2.8743e+01 1.4839e-01 -7.0066e-02

2094 468 0.0000e+00 0.0000e+00 0.0000e+00 -2.9193e+01 -3.4085e-01 -2.0289e-01  
479 0.0000e+00 0.0000e+00 0.0000e+00 -2.8881e+01 -3.8649e-01 -4.3410e-02  
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469 0.0000e+00 0.0000e+00 0.0000e+00 -2.8932e+01 -2.7410e-01 -1.7351e-01

2095 467 0.0000e+00 0.0000e+00 0.0000e+00 -2.9466e+01 -3.8021e-01 -1.7102e-01  
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2096 466 0.0000e+00 0.0000e+00 0.0000e+00 -2.9583e+01 -3.7321e-01 -5.5999e-02  
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478 0.0000e+00 0.0000e+00 0.0000e+00 -2.9061e+01 -4.5107e-01 -8.5017e-02  
467 0.0000e+00 0.0000e+00 0.0000e+00 -2.9506e+01 -3.8618e-01 -1.3988e-01

2097 465 0.0000e+00 0.0000e+00 0.0000e+00 -2.9532e+01 -3.5759e-01 6.4457e-02  
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2098 464 0.0000e+00 0.0000e+00 0.0000e+00 -2.9325e+01 -3.1907e-01 1.1776e-01  
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476 0.0000e+00 0.0000e+00 0.0000e+00 -2.9039e+01 -4.2496e-01 -2.0549e-02  
465 0.0000e+00 0.0000e+00 0.0000e+00 -2.9503e+01 -3.4040e-01 9.0620e-02

2099 463 0.0000e+00 0.0000e+00 0.0000e+00 -2.9027e+01 -1.6803e-01 4.5969e-02  
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475 0.0000e+00 0.0000e+00 0.0000e+00 -2.8927e+01 -2.8919e-01 -3.5452e-02  
464 0.0000e+00 0.0000e+00 0.0000e+00 -2.9264e+01 -2.6307e-01 9.8444e-02

2100 462 0.0000e+00 0.0000e+00 0.0000e+00 -2.8892e+01 3.1611e-01 -1.0864e-01  
473 0.0000e+00 0.0000e+00 0.0000e+00 -2.8868e+01 3.4112e-01 -1.3071e-01  
474 0.0000e+00 0.0000e+00 0.0000e+00 -2.8864e+01 2.6146e-02 -8.7762e-02  
463 0.0000e+00 0.0000e+00 0.0000e+00 -2.8941e+01 -3.3966e-02 -6.5689e-02

2101 461 0.0000e+00 0.0000e+00 0.0000e+00 -2.8815e+01 8.7853e-01 6.0312e-02  
472 0.0000e+00 0.0000e+00 0.0000e+00 -2.8936e+01 6.4794e-01 8.3060e-02

	473	0.0000e+00	0.0000e+00	0.0000e+00	-2.8939e+01	4.9479e-01	-8.8644e-02
	462	0.0000e+00	0.0000e+00	0.0000e+00	-2.8766e+01	6.0449e-01	-1.1139e-01
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	-2.2581e+01	4.1735e-01	-4.4141e-01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-2.7786e+01	6.3276e-01	-3.1874e-01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-2.7685e+01	9.7173e-01	-1.8390e-01
	460	0.0000e+00	0.0000e+00	0.0000e+00	-2.2434e+01	9.1992e-01	-3.0657e-01
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	-2.3782e+01	-4.3430e-01	-9.2220e-01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-2.7907e+01	-1.9786e-01	-4.2833e-01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-2.7667e+01	3.9392e-01	1.3486e-01
	458	0.0000e+00	0.0000e+00	0.0000e+00	-2.3025e+01	-4.8580e-01	-3.5901e-01
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	-2.4643e+01	-4.5622e-01	-9.1412e-01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-2.8409e+01	-3.0190e-01	-4.5306e-01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-2.8146e+01	-6.2655e-02	-1.6280e-01
	456	0.0000e+00	0.0000e+00	0.0000e+00	-2.3976e+01	-4.8358e-01	-6.2386e-01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	-2.5141e+01	-3.5764e-01	-6.2572e-01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-2.8795e+01	-2.7174e-01	-3.4699e-01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-2.8589e+01	-1.9101e-01	-2.1154e-01
	454	0.0000e+00	0.0000e+00	0.0000e+00	-2.4783e+01	-3.7355e-01	-4.9027e-01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	-2.5335e+01	-2.9153e-01	-2.7107e-01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-2.8963e+01	-2.2412e-01	-1.7094e-01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-2.8883e+01	-2.1033e-01	-9.1204e-02
	452	0.0000e+00	0.0000e+00	0.0000e+00	-2.5213e+01	-3.0096e-01	-1.9133e-01
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	-2.5251e+01	-2.8366e-01	7.8428e-02
	465	0.0000e+00	0.0000e+00	0.0000e+00	-2.8914e+01	-1.8837e-01	7.6122e-03
	466	0.0000e+00	0.0000e+00	0.0000e+00	-2.8966e+01	-2.1666e-01	9.1494e-02
	450	0.0000e+00	0.0000e+00	0.0000e+00	-2.5342e+01	-2.8761e-01	1.6231e-01
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	-2.4868e+01	-3.3463e-01	3.5918e-01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-2.8656e+01	-1.3792e-01	1.0985e-01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-2.8832e+01	-2.3486e-01	2.5873e-01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-2.5195e+01	-3.3320e-01	5.0806e-01
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	-2.4105e+01	-4.2192e-01	4.5611e-01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-2.8249e+01	2.7508e-02	2.4722e-02
	464	0.0000e+00	0.0000e+00	0.0000e+00	-2.8480e+01	-2.3387e-01	3.4144e-01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-2.4744e+01	-4.1212e-01	7.7283e-01
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	-2.3192e+01	-3.9425e-01	1.2311e-01
	462	0.0000e+00	0.0000e+00	0.0000e+00	-2.7821e+01	5.4157e-01	-3.3700e-01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-2.8012e+01	-9.1294e-02	2.7586e-01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-2.3929e+01	-3.7005e-01	7.3598e-01
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	-2.2713e+01	1.1338e+00	-3.8046e-02
	461	0.0000e+00	0.0000e+00	0.0000e+00	-2.7930e+01	1.2014e+00	-7.7849e-02
	462	0.0000e+00	0.0000e+00	0.0000e+00	-2.7954e+01	8.1847e-01	1.0923e-01
	442	0.0000e+00	0.0000e+00	0.0000e+00	-2.2770e+01	5.1536e-01	1.4904e-01
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	-8.2261e+00	-2.0956e+00	-4.1466e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	-1.8099e+01	2.9839e-01	-1.4909e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	-2.0380e+01	2.2272e+00	4.4372e-01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-5.8498e-01	7.8725e-01	-2.2120e+00
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	-1.0549e+01	-4.3608e-01	-2.7882e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	-2.0633e+01	-2.7224e-01	-1.3553e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	-1.9185e+01	3.7326e-01	-8.2638e-01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-9.1042e+00	-5.1120e-01	-2.2592e+00
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	-1.1695e+01	-1.0890e-01	-1.9454e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	-2.1858e+01	5.5755e-02	-1.2217e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	-2.1094e+01	1.6055e-01	-8.4011e-01
	457	0.0000e+00	0.0000e+00	0.0000e+00	-1.0998e+01	-4.3110e-01	-1.5638e+00
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	-1.2251e+01	-4.8791e-03	-1.2284e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	-2.2447e+01	2.3200e-01	-8.7134e-01
	454	0.0000e+00	0.0000e+00	0.0000e+00	-2.2046e+01	2.4220e-01	-5.0751e-01
	455	0.0000e+00	0.0000e+00	0.0000e+00	-1.1932e+01	-2.4196e-01	-8.6459e-01
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	-1.2464e+01	-8.7431e-03	-5.7928e-01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-2.2659e+01	3.1620e-01	-4.5911e-01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-2.2523e+01	3.1247e-01	-9.1625e-02
	453	0.0000e+00	0.0000e+00	0.0000e+00	-1.2358e+01	-9.0880e-02	-2.1179e-01
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.2408e+01	-9.0986e-02	4.6179e-02



	448	0.0000e+00	0.0000e+00	0.0000e+00	-2.2567e+01	3.2245e-01	-3.5514e-02
	450	0.0000e+00	0.0000e+00	0.0000e+00	-2.2666e+01	3.2268e-01	3.3670e-01
	451	0.0000e+00	0.0000e+00	0.0000e+00	-1.2474e+01	-1.5328e-03	4.1839e-01
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.2044e+01	-2.4167e-01	6.7951e-01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-2.2139e+01	2.6795e-01	3.6118e-01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-2.2504e+01	2.5462e-01	7.3974e-01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.2321e+01	1.4002e-02	1.0581e+00
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	-1.1175e+01	-4.4031e-01	1.3424e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	-2.1234e+01	2.0140e-01	6.5661e-01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-2.1965e+01	9.2790e-02	1.0652e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.1827e+01	-7.5221e-02	1.7509e+00
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	-9.3441e+00	-5.4507e-01	1.9784e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	-1.9359e+01	4.3483e-01	5.7696e-01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-2.0787e+01	-2.2543e-01	1.1517e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	-1.0744e+01	-3.8465e-01	2.5532e+00
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	-8.9730e-01	7.0210e-01	1.8023e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	-2.0499e+01	2.4290e+00	-8.5273e-01
	442	0.0000e+00	0.0000e+00	0.0000e+00	-1.8268e+01	3.2375e-01	1.1943e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-8.4871e+00	-2.0063e+00	3.8494e+00
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	-8.8214e+00	8.9384e-01	-3.5077e-01
	440	0.0000e+00	0.0000e+00	0.0000e+00	-9.7269e+00	3.8590e-02	-7.2719e-02
	16	0.0000e+00	0.0000e+00	0.0000e+00	-8.1245e+00	2.9496e+00	1.0687e-01
	431	0.0000e+00	0.0000e+00	0.0000e+00	-9.8626e+00	1.7384e+00	-1.7118e-01
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	-9.2008e+00	-2.7744e-01	-3.9873e-01
	439	0.0000e+00	0.0000e+00	0.0000e+00	-1.0473e+01	-2.1248e-01	-8.9910e-02
	440	0.0000e+00	0.0000e+00	0.0000e+00	-1.0108e+01	4.1878e-01	-7.6512e-02
	430	0.0000e+00	0.0000e+00	0.0000e+00	-8.9416e+00	4.5719e-01	-3.8533e-01
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	-9.4746e+00	-6.3270e-01	-2.5187e-01
	438	0.0000e+00	0.0000e+00	0.0000e+00	-1.0840e+01	-5.7368e-01	-8.2439e-02
	439	0.0000e+00	0.0000e+00	0.0000e+00	-1.0631e+01	-2.7740e-01	-4.5120e-02
	429	0.0000e+00	0.0000e+00	0.0000e+00	-9.3417e+00	-2.9235e-01	-2.1455e-01
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	-9.6182e+00	-8.2401e-01	-1.4620e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	-1.1011e+01	-7.6198e-01	-6.5647e-02
	438	0.0000e+00	0.0000e+00	0.0000e+00	-1.0918e+01	-6.1210e-01	-1.1897e-02
	428	0.0000e+00	0.0000e+00	0.0000e+00	-9.5486e+00	-6.5661e-01	-9.2450e-02
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	-9.6666e+00	-9.0850e-01	-5.8365e-02
	436	0.0000e+00	0.0000e+00	0.0000e+00	-1.1062e+01	-8.4759e-01	-4.0166e-02
	437	0.0000e+00	0.0000e+00	0.0000e+00	-1.1042e+01	-7.8520e-01	1.9713e-02
	427	0.0000e+00	0.0000e+00	0.0000e+00	-9.6500e+00	-8.4296e-01	1.5131e-03
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	-9.6348e+00	-9.0338e-01	2.4854e-02
	435	0.0000e+00	0.0000e+00	0.0000e+00	-1.1017e+01	-8.4725e-01	-1.1995e-02
	436	0.0000e+00	0.0000e+00	0.0000e+00	-1.1060e+01	-8.5728e-01	4.8384e-02
	426	0.0000e+00	0.0000e+00	0.0000e+00	-9.6663e+00	-9.2081e-01	8.5232e-02
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	-9.5158e+00	-7.9161e-01	1.1709e-01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-1.0862e+01	-7.4853e-01	1.5514e-02
	435	0.0000e+00	0.0000e+00	0.0000e+00	-1.0980e+01	-8.4394e-01	7.0439e-02
	425	0.0000e+00	0.0000e+00	0.0000e+00	-9.6020e+00	-9.0971e-01	1.7201e-01
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	-9.2872e+00	-5.0418e-01	2.3699e-01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.0537e+01	-4.9184e-01	4.2399e-02
	434	0.0000e+00	0.0000e+00	0.0000e+00	-1.0778e+01	-7.3119e-01	8.0618e-02
	424	0.0000e+00	0.0000e+00	0.0000e+00	-9.4395e+00	-7.9460e-01	2.7521e-01
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	-8.8616e+00	1.7096e-01	4.0521e-01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-9.9699e+00	1.2776e-01	6.7381e-02
	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.0371e+01	-4.4790e-01	8.0497e-02
	423	0.0000e+00	0.0000e+00	0.0000e+00	-9.1424e+00	-5.1709e-01	4.1832e-01
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	-9.7877e+00	1.3407e+00	1.4377e-01
	15	0.0000e+00	0.0000e+00	0.0000e+00	-7.9435e+00	2.6526e+00	-1.4846e-01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-9.5722e+00	-2.8627e-01	6.5100e-02
	422	0.0000e+00	0.0000e+00	0.0000e+00	-8.7489e+00	6.0241e-01	3.5733e-01
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	-9.7504e+00	7.4719e-01	-3.6976e-01
	430	0.0000e+00	0.0000e+00	0.0000e+00	-9.0391e+00	9.3222e-01	-4.9811e-01
	431	0.0000e+00	0.0000e+00	0.0000e+00	-9.2378e+00	1.3944e+00	-1.9501e-01
	420	0.0000e+00	0.0000e+00	0.0000e+00	-9.8107e+00	9.7879e-01	-6.6663e-02

2133 418 0.0000e+00 0.0000e+00 0.0000e+00 -9.5078e+00 1.5306e-02 -3.7874e-01  
429 0.0000e+00 0.0000e+00 0.0000e+00 -9.1525e+00 -4.9090e-02 -4.4205e-01  
430 0.0000e+00 0.0000e+00 0.0000e+00 -9.2177e+00 3.4897e-01 -5.3403e-01  
419 0.0000e+00 0.0000e+00 0.0000e+00 -9.5704e+00 4.6686e-01 -4.7072e-01

2134 417 0.0000e+00 0.0000e+00 0.0000e+00 -9.4601e+00 -4.1226e-01 -2.6444e-01  
428 0.0000e+00 0.0000e+00 0.0000e+00 -9.3002e+00 -5.0446e-01 -2.4153e-01  
429 0.0000e+00 0.0000e+00 0.0000e+00 -9.2151e+00 -2.6971e-01 -3.7293e-01  
418 0.0000e+00 0.0000e+00 0.0000e+00 -9.4990e+00 -1.0147e-01 -3.9585e-01

2135 416 0.0000e+00 0.0000e+00 0.0000e+00 -9.4789e+00 -6.4495e-01 -1.3068e-01  
427 0.0000e+00 0.0000e+00 0.0000e+00 -9.3932e+00 -7.2974e-01 -1.0628e-01  
428 0.0000e+00 0.0000e+00 0.0000e+00 -9.3389e+00 -6.0003e-01 -2.1443e-01  
417 0.0000e+00 0.0000e+00 0.0000e+00 -9.4840e+00 -4.7048e-01 -2.3884e-01

2136 415 0.0000e+00 0.0000e+00 0.0000e+00 -9.4935e+00 -7.4454e-01 -7.8134e-04  
426 0.0000e+00 0.0000e+00 0.0000e+00 -9.4260e+00 -8.3094e-01 5.5247e-03  
427 0.0000e+00 0.0000e+00 0.0000e+00 -9.4115e+00 -7.7279e-01 -8.8047e-02  
416 0.0000e+00 0.0000e+00 0.0000e+00 -9.4952e+00 -6.7375e-01 -9.4353e-02

2137 414 0.0000e+00 0.0000e+00 0.0000e+00 -9.4903e+00 -7.3587e-01 1.3054e-01  
425 0.0000e+00 0.0000e+00 0.0000e+00 -9.3997e+00 -8.3715e-01 1.1517e-01  
426 0.0000e+00 0.0000e+00 0.0000e+00 -9.4263e+00 -8.4042e-01 2.1333e-02  
415 0.0000e+00 0.0000e+00 0.0000e+00 -9.4948e+00 -7.5573e-01 3.6707e-02

2138 413 0.0000e+00 0.0000e+00 0.0000e+00 -9.4739e+00 -6.0779e-01 2.7602e-01  
424 0.0000e+00 0.0000e+00 0.0000e+00 -9.3136e+00 -7.4028e-01 2.4101e-01  
425 0.0000e+00 0.0000e+00 0.0000e+00 -9.3818e+00 -8.1344e-01 1.3201e-01  
414 0.0000e+00 0.0000e+00 0.0000e+00 -9.4764e+00 -7.2992e-01 1.6702e-01

2139 412 0.0000e+00 0.0000e+00 0.0000e+00 -9.4806e+00 -3.1681e-01 4.3436e-01  
423 0.0000e+00 0.0000e+00 0.0000e+00 -9.1729e+00 -4.8832e-01 3.9830e-01  
424 0.0000e+00 0.0000e+00 0.0000e+00 -9.2745e+00 -6.6486e-01 2.6561e-01  
413 0.0000e+00 0.0000e+00 0.0000e+00 -9.4518e+00 -5.7340e-01 3.0166e-01

2140 411 0.0000e+00 0.0000e+00 0.0000e+00 -9.5356e+00 1.7025e-01 5.0791e-01  
422 0.0000e+00 0.0000e+00 0.0000e+00 -9.1591e+00 5.3510e-02 5.5524e-01  
423 0.0000e+00 0.0000e+00 0.0000e+00 -9.1083e+00 -2.8766e-01 4.6451e-01  
412 0.0000e+00 0.0000e+00 0.0000e+00 -9.4909e+00 -2.2458e-01 4.1717e-01

2141 410 0.0000e+00 0.0000e+00 0.0000e+00 -9.7562e+00 6.0895e-01 1.1678e-01  
421 0.0000e+00 0.0000e+00 0.0000e+00 -9.1127e+00 9.9477e-01 2.0730e-01  
422 0.0000e+00 0.0000e+00 0.0000e+00 -8.9757e+00 6.1841e-01 5.0074e-01  
411 0.0000e+00 0.0000e+00 0.0000e+00 -9.7104e+00 4.2269e-01 4.1022e-01

2142 408 0.0000e+00 0.0000e+00 0.0000e+00 -1.1716e+01 5.3145e-01 -1.7261e-01  
419 0.0000e+00 0.0000e+00 0.0000e+00 -1.0024e+01 5.6218e-01 -2.5444e-01  
420 0.0000e+00 0.0000e+00 0.0000e+00 -1.0145e+01 7.7126e-01 -1.6929e-01  
409 0.0000e+00 0.0000e+00 0.0000e+00 -1.1761e+01 6.3325e-01 -8.7466e-02

2143 407 0.0000e+00 0.0000e+00 0.0000e+00 -1.1534e+01 1.4618e-01 -2.2552e-01  
418 0.0000e+00 0.0000e+00 0.0000e+00 -9.8899e+00 -2.4350e-03 -3.6054e-01  
419 0.0000e+00 0.0000e+00 0.0000e+00 -1.0065e+01 3.5946e-01 -4.4857e-01  
408 0.0000e+00 0.0000e+00 0.0000e+00 -1.1631e+01 3.8530e-01 -3.1355e-01

2144 406 0.0000e+00 0.0000e+00 0.0000e+00 -1.1396e+01 -2.1641e-01 -1.6485e-01  
417 0.0000e+00 0.0000e+00 0.0000e+00 -9.8411e+00 -4.0220e-01 -2.4112e-01  
418 0.0000e+00 0.0000e+00 0.0000e+00 -9.9090e+00 -1.6381e-01 -4.2425e-01  
407 0.0000e+00 0.0000e+00 0.0000e+00 -1.1482e+01 1.3335e-02 -3.4799e-01

2145 405 0.0000e+00 0.0000e+00 0.0000e+00 -1.1329e+01 -4.5302e-01 -5.8890e-02  
416 0.0000e+00 0.0000e+00 0.0000e+00 -9.8314e+00 -6.4438e-01 -9.2926e-02  
417 0.0000e+00 0.0000e+00 0.0000e+00 -9.8508e+00 -5.0895e-01 -2.9539e-01  
406 0.0000e+00 0.0000e+00 0.0000e+00 -1.1379e+01 -2.9905e-01 -2.6136e-01

2146 404 0.0000e+00 0.0000e+00 0.0000e+00 -1.1311e+01 -5.6287e-01 5.8199e-02  
415 0.0000e+00 0.0000e+00 0.0000e+00 -9.8314e+00 -7.5811e-01 4.7900e-02  
416 0.0000e+00 0.0000e+00 0.0000e+00 -9.8362e+00 -6.9788e-01 -1.5303e-01  
405 0.0000e+00 0.0000e+00 0.0000e+00 -1.1327e+01 -4.9490e-01 -1.4273e-01

2147 403 0.0000e+00 0.0000e+00 0.0000e+00 -1.1328e+01 -5.5670e-01 1.7957e-01  
414 0.0000e+00 0.0000e+00 0.0000e+00 -9.8331e+00 -7.6189e-01 1.8650e-01  
415 0.0000e+00 0.0000e+00 0.0000e+00 -9.8334e+00 -7.6755e-01 -1.5208e-02  
404 0.0000e+00 0.0000e+00 0.0000e+00 -1.1313e+01 -5.7299e-01 -2.2137e-02

2148 402 0.0000e+00 0.0000e+00 0.0000e+00 -1.1380e+01 -4.3486e-01 3.0143e-01  
413 0.0000e+00 0.0000e+00 0.0000e+00 -9.8449e+00 -6.4837e-01 3.3069e-01  
414 0.0000e+00 0.0000e+00 0.0000e+00 -9.8320e+00 -7.2773e-01 1.2598e-01

	403	0.0000e+00	0.0000e+00	0.0000e+00	-1.1333e+01	-5.3552e-01	9.6716e-02
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	-1.1480e+01	-1.9964e-01	3.9342e-01
	412	0.0000e+00	0.0000e+00	0.0000e+00	-9.8969e+00	-3.8144e-01	4.6214e-01
	413	0.0000e+00	0.0000e+00	0.0000e+00	-9.8382e+00	-5.6206e-01	2.7554e-01
	402	0.0000e+00	0.0000e+00	0.0000e+00	-1.1400e+01	-3.7405e-01	2.0682e-01
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	-1.1622e+01	9.5122e-02	3.6783e-01
	411	0.0000e+00	0.0000e+00	0.0000e+00	-1.0039e+01	6.0626e-02	4.9048e-01
	412	0.0000e+00	0.0000e+00	0.0000e+00	-9.8795e+00	-2.4207e-01	3.9645e-01
	401	0.0000e+00	0.0000e+00	0.0000e+00	-1.1534e+01	-9.0227e-02	2.7380e-01
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	-1.1736e+01	2.7752e-01	1.5796e-01
	410	0.0000e+00	0.0000e+00	0.0000e+00	-1.0095e+01	3.9915e-01	2.2206e-01
	411	0.0000e+00	0.0000e+00	0.0000e+00	-9.9979e+00	2.4202e-01	2.9521e-01
	400	0.0000e+00	0.0000e+00	0.0000e+00	-1.1705e+01	2.1868e-01	2.3111e-01
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.5219e+01	4.2696e-01	-2.4155e-02
	408	0.0000e+00	0.0000e+00	0.0000e+00	-1.2504e+01	3.1294e-01	-7.4285e-02
	409	0.0000e+00	0.0000e+00	0.0000e+00	-1.2573e+01	4.1358e-01	-1.6838e-01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.5251e+01	4.8602e-01	-1.1825e-01
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.5089e+01	1.8483e-01	-5.3458e-02
	407	0.0000e+00	0.0000e+00	0.0000e+00	-1.2366e+01	-1.1603e-02	-1.6590e-01
	408	0.0000e+00	0.0000e+00	0.0000e+00	-1.2507e+01	2.1001e-01	-3.3075e-01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.5175e+01	3.4029e-01	-2.1831e-01
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	-1.4952e+01	-9.5199e-02	-2.3947e-02
	406	0.0000e+00	0.0000e+00	0.0000e+00	-1.2250e+01	-3.3407e-01	-1.2442e-01
	407	0.0000e+00	0.0000e+00	0.0000e+00	-1.2361e+01	-1.3329e-01	-3.5063e-01
	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.5044e+01	7.6164e-02	-2.5016e-01
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.4862e+01	-3.0879e-01	3.6426e-02
	405	0.0000e+00	0.0000e+00	0.0000e+00	-1.2182e+01	-5.6193e-01	-2.4573e-02
	406	0.0000e+00	0.0000e+00	0.0000e+00	-1.2243e+01	-4.2907e-01	-2.7785e-01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-1.4925e+01	-1.8025e-01	-2.1686e-01
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	-1.4830e+01	-4.1751e-01	1.0914e-01
	404	0.0000e+00	0.0000e+00	0.0000e+00	-1.2160e+01	-6.7574e-01	8.9072e-02
	405	0.0000e+00	0.0000e+00	0.0000e+00	-1.2179e+01	-6.1481e-01	-1.7164e-01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.4851e+01	-3.5635e-01	-1.5158e-01
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	-1.4852e+01	-4.1584e-01	1.8570e-01
	403	0.0000e+00	0.0000e+00	0.0000e+00	-1.2179e+01	-6.7661e-01	2.0431e-01
	404	0.0000e+00	0.0000e+00	0.0000e+00	-1.2162e+01	-6.8516e-01	-5.7697e-02
	393	0.0000e+00	0.0000e+00	0.0000e+00	-1.4832e+01	-4.2667e-01	-7.6314e-02
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.4927e+01	-3.1072e-01	2.5662e-01
	402	0.0000e+00	0.0000e+00	0.0000e+00	-1.2245e+01	-5.6422e-01	3.1469e-01
	403	0.0000e+00	0.0000e+00	0.0000e+00	-1.2188e+01	-6.4308e-01	5.7623e-02
	392	0.0000e+00	0.0000e+00	0.0000e+00	-1.4867e+01	-3.8711e-01	-4.4592e-04
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.5043e+01	-1.2849e-01	2.9963e-01
	401	0.0000e+00	0.0000e+00	0.0000e+00	-1.2362e+01	-3.4505e-01	3.9439e-01
	402	0.0000e+00	0.0000e+00	0.0000e+00	-1.2257e+01	-4.8973e-01	1.6202e-01
	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.4957e+01	-2.4576e-01	6.7254e-02
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.5170e+01	6.1836e-02	2.8112e-01
	400	0.0000e+00	0.0000e+00	0.0000e+00	-1.2500e+01	-7.8467e-02	3.8490e-01
	401	0.0000e+00	0.0000e+00	0.0000e+00	-1.2370e+01	-2.4491e-01	2.1117e-01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.5091e+01	-4.0901e-02	1.0738e-01
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.5227e+01	1.4719e-01	1.9898e-01
	399	0.0000e+00	0.0000e+00	0.0000e+00	-1.2565e+01	5.9489e-02	2.3819e-01
	400	0.0000e+00	0.0000e+00	0.0000e+00	-1.2499e+01	6.9346e-03	1.3275e-01
	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.5213e+01	1.2820e-01	9.3546e-02
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.9829e+01	4.0837e-01	8.0904e-02
	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.6407e+01	1.8012e-01	4.7922e-02
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.6448e+01	2.4291e-01	-1.7623e-01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.9854e+01	4.5890e-01	-1.4325e-01
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.9730e+01	2.0558e-01	9.4508e-02
	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.6293e+01	-4.3705e-02	4.3541e-03
	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.6396e+01	1.1340e-01	-2.3600e-01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.9810e+01	3.4046e-01	-1.4585e-01
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.9619e+01	-3.9489e-02	1.0674e-01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-1.6172e+01	-3.0540e-01	1.4021e-02

	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.6275e+01	-1.3718e-01	-2.4488e-01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.9703e+01	1.0999e-01	-1.5216e-01
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.9542e+01	-2.3413e-01	1.2194e-01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.6089e+01	-5.1004e-01	6.0065e-02
	395	0.0000e+00	0.0000e+00	0.0000e+00	-1.6157e+01	-3.8565e-01	-2.1248e-01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.9598e+01	-1.2142e-01	-1.5061e-01
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.9512e+01	-3.3652e-01	1.4379e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	-1.6058e+01	-6.1636e-01	1.2219e-01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.6082e+01	-5.5745e-01	-1.5797e-01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.9532e+01	-2.8205e-01	-1.3637e-01
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.9530e+01	-3.3716e-01	1.6933e-01
	392	0.0000e+00	0.0000e+00	0.0000e+00	-1.6082e+01	-6.1523e-01	1.8817e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	-1.6061e+01	-6.2570e-01	-9.3893e-02
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.9513e+01	-3.4478e-01	-1.1273e-01
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.9593e+01	-2.4264e-01	1.9188e-01
	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.6158e+01	-5.1292e-01	2.4932e-01
	392	0.0000e+00	0.0000e+00	0.0000e+00	-1.6094e+01	-5.8709e-01	-2.8728e-02
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.9542e+01	-3.0633e-01	-8.6170e-02
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.9691e+01	-8.1573e-02	2.0721e-01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.6274e+01	-3.3733e-01	2.9253e-01
	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.6177e+01	-4.5332e-01	2.5172e-02
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.9615e+01	-1.7921e-01	-6.0150e-02
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.9787e+01	7.7055e-02	2.1783e-01
	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.6387e+01	-1.5930e-01	2.9764e-01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.6295e+01	-2.6591e-01	4.6950e-02
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.9718e+01	-5.4444e-03	-3.2861e-02
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.9800e+01	1.3474e-01	2.3316e-01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.6448e+01	-9.1658e-02	2.5434e-01
	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.6400e+01	-1.1026e-01	2.1405e-02
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.9805e+01	1.2498e-01	2.2498e-04
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	-2.4680e+01	4.5074e-01	1.4453e-01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-2.1206e+01	1.6214e-01	1.2041e-01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-2.1231e+01	2.1926e-01	-1.7608e-01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-2.4704e+01	5.1826e-01	-1.5196e-01
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	-2.4606e+01	2.1130e-01	1.9848e-01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-2.1110e+01	-4.7440e-02	1.2353e-01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-2.1184e+01	9.9122e-02	-1.4488e-01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-2.4683e+01	3.7231e-01	-6.9924e-02
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.4541e+01	-4.4599e-02	1.8940e-01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-2.1004e+01	-2.9582e-01	1.1878e-01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-2.1085e+01	-1.3273e-01	-1.3009e-01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-2.4602e+01	1.0926e-01	-5.9470e-02
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	-2.4505e+01	-2.2955e-01	1.6483e-01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-2.0933e+01	-4.8778e-01	1.2215e-01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-2.0990e+01	-3.6479e-01	-1.2816e-01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.4535e+01	-1.2694e-01	-8.5482e-02
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	-2.4492e+01	-3.2246e-01	1.5139e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	-2.0909e+01	-5.8416e-01	1.3613e-01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-2.0930e+01	-5.2711e-01	-1.2282e-01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-2.4502e+01	-2.7562e-01	-1.0756e-01
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	-2.4494e+01	-3.2408e-01	1.4497e-01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-2.0926e+01	-5.7899e-01	1.5354e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	-2.0911e+01	-5.9328e-01	-1.0804e-01
	371	0.0000e+00	0.0000e+00	0.0000e+00	-2.4491e+01	-3.2980e-01	-1.1660e-01
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	-2.4516e+01	-2.3444e-01	1.3437e-01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-2.0982e+01	-4.8042e-01	1.6840e-01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-2.0933e+01	-5.5857e-01	-8.9550e-02
	370	0.0000e+00	0.0000e+00	0.0000e+00	-2.4496e+01	-2.9334e-01	-1.2358e-01
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	-2.4566e+01	-6.3442e-02	1.2746e-01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-2.1069e+01	-3.1662e-01	1.8558e-01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-2.0998e+01	-4.3220e-01	-7.4846e-02
	369	0.0000e+00	0.0000e+00	0.0000e+00	-2.4520e+01	-1.6926e-01	-1.3297e-01
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	-2.4625e+01	1.2852e-01	1.6079e-01

	378	0.0000e+00	0.0000e+00	0.0000e+00	-2.1153e+01	-1.5478e-01	2.1834e-01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-2.1094e+01	-2.5459e-01	-6.2989e-02
	368	0.0000e+00	0.0000e+00	0.0000e+00	-2.4567e+01	1.9648e-02	-1.2054e-01
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.4594e+01	2.0800e-01	2.6363e-01
	377	0.0000e+00	0.0000e+00	0.0000e+00	-2.1202e+01	-9.7747e-02	2.6668e-01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-2.1173e+01	-1.1245e-01	-3.7626e-02
	367	0.0000e+00	0.0000e+00	0.0000e+00	-2.4617e+01	1.8487e-01	-4.0671e-02
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.8365e+01	5.3162e-01	1.6225e-01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-2.5908e+01	2.6395e-01	1.4028e-01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-2.5918e+01	3.4328e-01	-1.5238e-01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-2.8398e+01	6.5561e-01	-1.3042e-01
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.8341e+01	1.6491e-01	2.2562e-01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-2.5820e+01	-1.2814e-02	1.7080e-01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-2.5869e+01	1.7730e-01	-3.0564e-02
	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.8403e+01	3.9865e-01	2.4254e-02
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.8384e+01	-1.2002e-01	1.6448e-01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.5754e+01	-2.9202e-01	1.4817e-01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-2.5800e+01	-9.9440e-02	-8.0333e-03
	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.8371e+01	3.8118e-02	8.2837e-03
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.8444e+01	-2.8056e-01	1.1718e-01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-2.5735e+01	-4.7482e-01	1.2509e-01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.5760e+01	-3.4268e-01	-4.4361e-02
	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.8403e+01	-2.0111e-01	-5.2276e-02
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	-2.8468e+01	-3.5203e-01	1.1532e-01
	371	0.0000e+00	0.0000e+00	0.0000e+00	-2.5735e+01	-5.5406e-01	1.1767e-01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-2.5746e+01	-4.9841e-01	-7.4867e-02
	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.8453e+01	-3.1887e-01	-7.7216e-02
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.8437e+01	-3.5829e-01	1.2782e-01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-2.5735e+01	-5.4226e-01	1.1283e-01
	371	0.0000e+00	0.0000e+00	0.0000e+00	-2.5736e+01	-5.6274e-01	-8.3140e-02
	360	0.0000e+00	0.0000e+00	0.0000e+00	-2.8466e+01	-3.5833e-01	-6.8153e-02
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.8366e+01	-2.8947e-01	1.1794e-01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-2.5737e+01	-4.4236e-01	9.5388e-02
	370	0.0000e+00	0.0000e+00	0.0000e+00	-2.5725e+01	-5.3671e-01	-8.4403e-02
	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.8423e+01	-3.3328e-01	-6.1851e-02
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.8306e+01	-1.0718e-01	8.3858e-02
	368	0.0000e+00	0.0000e+00	0.0000e+00	-2.5759e+01	-2.6136e-01	8.0662e-02
	369	0.0000e+00	0.0000e+00	0.0000e+00	-2.5731e+01	-4.1195e-01	-9.2014e-02
	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.8340e+01	-2.2392e-01	-8.8818e-02
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.8299e+01	1.8441e-01	1.0194e-01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-2.5799e+01	-5.3155e-02	1.2892e-01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-2.5776e+01	-1.9897e-01	-9.1700e-02
	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.8268e+01	6.9772e-04	-1.1868e-01
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	-2.8221e+01	3.6508e-01	2.8779e-01
	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.5832e+01	4.3726e-02	2.7317e-01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-2.5830e+01	7.6627e-03	-3.1796e-02
	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.8252e+01	2.9069e-01	-1.7174e-02
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	-2.8766e+01	6.0400e-01	1.1120e-01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.8938e+01	4.9441e-01	8.8478e-02
	365	0.0000e+00	0.0000e+00	0.0000e+00	-2.8935e+01	6.4750e-01	-8.3107e-02
	354	0.0000e+00	0.0000e+00	0.0000e+00	-2.8815e+01	8.7796e-01	-6.0380e-02
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	-2.8941e+01	-3.4233e-02	6.5387e-02
	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.8863e+01	2.5906e-02	8.7505e-02
	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.8867e+01	3.4078e-01	1.3051e-01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-2.8892e+01	3.1569e-01	1.0839e-01
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	-2.9263e+01	-2.6314e-01	-9.8768e-02
	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.8927e+01	-2.8927e-01	3.5163e-02
	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.8893e+01	-3.8103e-02	8.7648e-02
	352	0.0000e+00	0.0000e+00	0.0000e+00	-2.9027e+01	-1.6824e-01	-4.6283e-02
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	-2.9502e+01	-3.4029e-01	-9.0921e-02
	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.9039e+01	-4.2489e-01	2.0273e-02
	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.8992e+01	-2.8832e-01	-6.8868e-03
	351	0.0000e+00	0.0000e+00	0.0000e+00	-2.9325e+01	-3.1909e-01	-1.1808e-01

2196	349	0.0000e+00	0.0000e+00	0.0000e+00	-2.9588e+01	-3.6761e-01	1.5132e-02
	360	0.0000e+00	0.0000e+00	0.0000e+00	-2.9095e+01	-4.6624e-01	4.9747e-02
	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.9081e+01	-4.1711e-01	-3.0129e-02
	350	0.0000e+00	0.0000e+00	0.0000e+00	-2.9532e+01	-3.5744e-01	-6.4744e-02
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	-2.9505e+01	-3.8576e-01	1.3971e-01
	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.9061e+01	-4.5072e-01	8.4857e-02
	360	0.0000e+00	0.0000e+00	0.0000e+00	-2.9094e+01	-4.7430e-01	9.2064e-04
	349	0.0000e+00	0.0000e+00	0.0000e+00	-2.9583e+01	-3.7291e-01	5.5773e-02
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	-2.9266e+01	-3.8279e-01	2.1091e-01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.8949e+01	-3.6686e-01	7.8243e-02
	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.9017e+01	-4.7502e-01	3.8214e-02
	348	0.0000e+00	0.0000e+00	0.0000e+00	-2.9465e+01	-3.7976e-01	1.7088e-01
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	-2.8931e+01	-2.7336e-01	1.7358e-01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.8821e+01	-1.6959e-01	1.4102e-02
	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.8881e+01	-3.8595e-01	4.3389e-02
	347	0.0000e+00	0.0000e+00	0.0000e+00	-2.9193e+01	-3.4023e-01	2.0286e-01
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	-2.8743e+01	1.4930e-01	7.0312e-02
	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.8754e+01	1.4388e-01	1.0710e-02
	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.8786e+01	-1.2865e-01	2.3120e-02
	346	0.0000e+00	0.0000e+00	0.0000e+00	-2.8832e+01	-1.5867e-01	8.2722e-02
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	-2.8583e+01	6.2251e-01	2.9092e-01
	355	0.0000e+00	0.0000e+00	0.0000e+00	-2.8773e+01	3.7191e-01	2.6165e-01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.8812e+01	2.6606e-01	6.4067e-02
	345	0.0000e+00	0.0000e+00	0.0000e+00	-2.8603e+01	4.0704e-01	9.3335e-02
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	-2.2770e+01	5.1465e-01	-1.4927e-01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-2.7954e+01	8.1792e-01	-1.0944e-01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-2.7930e+01	1.2007e+00	7.7802e-02
	343	0.0000e+00	0.0000e+00	0.0000e+00	-2.2713e+01	1.1329e+00	3.7973e-02
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	-2.3929e+01	-3.7044e-01	-7.3628e-01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-2.8012e+01	-9.1577e-02	-2.7616e-01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-2.7820e+01	5.4111e-01	3.3673e-01
	341	0.0000e+00	0.0000e+00	0.0000e+00	-2.3191e+01	-3.9467e-01	-1.2339e-01
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	-2.4744e+01	-4.1225e-01	-7.7314e-01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-2.8479e+01	-2.3394e-01	-3.4176e-01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-2.8248e+01	2.7276e-02	-2.5049e-02
	339	0.0000e+00	0.0000e+00	0.0000e+00	-2.4104e+01	-4.2208e-01	-4.5643e-01
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	-2.5195e+01	-3.3311e-01	-5.0835e-01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-2.8831e+01	-2.3474e-01	-2.5902e-01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-2.8655e+01	-1.3795e-01	-1.1017e-01
	337	0.0000e+00	0.0000e+00	0.0000e+00	-2.4868e+01	-3.3457e-01	-3.5950e-01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	-2.5342e+01	-2.8733e-01	-1.6254e-01
	349	0.0000e+00	0.0000e+00	0.0000e+00	-2.8966e+01	-2.1637e-01	-9.1737e-02
	350	0.0000e+00	0.0000e+00	0.0000e+00	-2.8914e+01	-1.8822e-01	-7.9006e-03
	335	0.0000e+00	0.0000e+00	0.0000e+00	-2.5251e+01	-2.8341e-01	-7.8699e-02
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	-2.5212e+01	-3.0050e-01	1.9119e-01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-2.8883e+01	-2.0989e-01	9.1039e-02
	349	0.0000e+00	0.0000e+00	0.0000e+00	-2.8963e+01	-2.2380e-01	1.7072e-01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-2.5335e+01	-2.9110e-01	2.7087e-01
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	-2.4783e+01	-3.7291e-01	4.9023e-01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-2.8589e+01	-1.9039e-01	2.1148e-01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-2.8794e+01	-2.7126e-01	3.4685e-01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-2.5140e+01	-3.5704e-01	6.2560e-01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	-2.3976e+01	-4.8274e-01	6.2393e-01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-2.8146e+01	-6.1858e-02	1.6286e-01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-2.8409e+01	-3.0124e-01	4.5303e-01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-2.4643e+01	-4.5543e-01	9.1411e-01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	-2.3025e+01	-4.8475e-01	3.5923e-01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-2.7666e+01	3.9490e-01	-1.3463e-01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-2.7907e+01	-1.9702e-01	4.2845e-01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-2.3781e+01	-4.3330e-01	9.2231e-01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	-2.2434e+01	9.2128e-01	3.0708e-01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-2.7684e+01	9.7281e-01	1.8445e-01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-2.7785e+01	6.3382e-01	3.1906e-01

	325	0.0000e+00	0.0000e+00	0.0000e+00	-2.2581e+01	4.1858e-01	4.4169e-01
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	-8.4875e+00	-2.0061e+00	-3.8494e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.8269e+01	3.2302e-01	-1.1944e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	-2.0499e+01	2.4280e+00	8.5268e-01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-8.9829e-01	7.0025e-01	-1.8023e+00
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	-1.0745e+01	-3.8432e-01	-2.5533e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	-2.0788e+01	-2.2577e-01	-1.1519e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.9359e+01	4.3428e-01	-5.7710e-01
	342	0.0000e+00	0.0000e+00	0.0000e+00	-9.3445e+00	-5.4635e-01	-1.9785e+00
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	-1.1827e+01	-7.4731e-02	-1.7511e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	-2.1965e+01	9.2710e-02	-1.0654e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	-2.1234e+01	2.0116e-01	-6.5681e-01
	340	0.0000e+00	0.0000e+00	0.0000e+00	-1.1175e+01	-4.4113e-01	-1.3425e+00
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	-1.2321e+01	1.4646e-02	-1.0582e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	-2.2504e+01	2.5476e-01	-7.3993e-01
	337	0.0000e+00	0.0000e+00	0.0000e+00	-2.2138e+01	2.6796e-01	-3.6139e-01
	338	0.0000e+00	0.0000e+00	0.0000e+00	-1.2044e+01	-2.4212e-01	-6.7968e-01
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	-1.2473e+01	-7.2671e-04	-4.1849e-01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-2.2665e+01	3.2302e-01	-3.3683e-01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-2.2566e+01	3.2267e-01	3.5334e-02
	336	0.0000e+00	0.0000e+00	0.0000e+00	-1.2408e+01	-9.1154e-02	-4.6325e-02
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-1.2357e+01	-8.9895e-02	2.1176e-01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-2.2523e+01	3.1299e-01	9.1564e-02
	333	0.0000e+00	0.0000e+00	0.0000e+00	-2.2659e+01	3.1661e-01	4.5899e-01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-1.2463e+01	-8.6811e-03	5.7919e-01
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.1932e+01	-2.4077e-01	8.6465e-01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-2.2045e+01	2.4291e-01	5.0755e-01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-2.2447e+01	2.3259e-01	8.7131e-01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-1.2251e+01	-4.6183e-03	1.2284e+00
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-1.0998e+01	-4.2968e-01	1.5640e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	-2.1093e+01	1.6146e-01	8.4027e-01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-2.1857e+01	5.6541e-02	1.2218e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.1695e+01	-1.0846e-01	1.9455e+00
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-9.1035e+00	-5.0952e-01	2.2595e+00
	325	0.0000e+00	0.0000e+00	0.0000e+00	-1.9185e+01	3.7442e-01	8.2667e-01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-2.0632e+01	-2.7125e-01	1.3555e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-1.0548e+01	-4.3544e-01	2.7884e+00
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.8393e-01	7.8931e-01	2.2123e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	-2.0380e+01	2.2287e+00	-4.4329e-01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-1.8098e+01	2.9970e-01	1.4913e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	-8.2254e+00	-2.0949e+00	4.1469e+00
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	-8.6272e+00	1.0234e+00	-3.6563e-01
	323	0.0000e+00	0.0000e+00	0.0000e+00	-9.4245e+00	1.3733e-01	-1.2045e-01
	14	0.0000e+00	0.0000e+00	0.0000e+00	-7.8913e+00	2.9582e+00	1.1321e-01
	314	0.0000e+00	0.0000e+00	0.0000e+00	-9.6655e+00	1.6091e+00	-1.3197e-01
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	-8.9556e+00	5.8556e-02	-4.2513e-01
	322	0.0000e+00	0.0000e+00	0.0000e+00	-1.0156e+01	1.1987e-01	-1.2324e-01
	323	0.0000e+00	0.0000e+00	0.0000e+00	-9.7949e+00	5.8203e-01	-1.1364e-01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-8.7073e+00	6.2432e-01	-4.1553e-01
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	-9.2031e+00	-8.0459e-02	-2.7690e-01
	321	0.0000e+00	0.0000e+00	0.0000e+00	-1.0503e+01	-3.0126e-02	-1.1212e-01
	322	0.0000e+00	0.0000e+00	0.0000e+00	-1.0298e+01	1.1073e-01	-8.2692e-02
	312	0.0000e+00	0.0000e+00	0.0000e+00	-9.0753e+00	1.0275e-01	-2.4747e-01
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	-9.3274e+00	-9.4590e-02	-1.6049e-01
	320	0.0000e+00	0.0000e+00	0.0000e+00	-1.0655e+01	-4.9295e-02	-8.2837e-02
	321	0.0000e+00	0.0000e+00	0.0000e+00	-1.0567e+01	-1.9181e-02	-4.3234e-02
	311	0.0000e+00	0.0000e+00	0.0000e+00	-9.2589e+00	-5.2372e-02	-1.2089e-01
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	-9.3686e+00	-8.4550e-02	-5.1252e-02
	319	0.0000e+00	0.0000e+00	0.0000e+00	-1.0698e+01	-5.0446e-02	-3.1711e-02
	320	0.0000e+00	0.0000e+00	0.0000e+00	-1.0680e+01	-4.0669e-02	5.4379e-03
	310	0.0000e+00	0.0000e+00	0.0000e+00	-9.3470e+00	-8.0187e-02	-1.4104e-02
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	-9.3496e+00	-1.2724e-01	6.6047e-02
	318	0.0000e+00	0.0000e+00	0.0000e+00	-1.0660e+01	-1.0937e-01	3.7217e-02

	319	0.0000e+00	0.0000e+00	0.0000e+00	-1.0700e+01	-6.0199e-02	6.4696e-02
	309	0.0000e+00	0.0000e+00	0.0000e+00	-9.3674e+00	-9.6786e-02	9.3526e-02
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	-9.2703e+00	-2.8479e-01	2.0682e-01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-1.0532e+01	-2.9255e-01	1.2019e-01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-1.0644e+01	-1.5789e-01	1.3121e-01
	308	0.0000e+00	0.0000e+00	0.0000e+00	-9.3333e+00	-1.8749e-01	2.1784e-01
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	-9.1152e+00	-5.8242e-01	3.9097e-01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.0253e+01	-6.3481e-01	2.1443e-01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-1.0490e+01	-4.0522e-01	1.9739e-01
	307	0.0000e+00	0.0000e+00	0.0000e+00	-9.2346e+00	-4.2385e-01	3.7393e-01
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	-8.7982e+00	-8.8955e-01	6.3310e-01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-9.7408e+00	-1.0052e+00	3.0949e-01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.0150e+01	-8.2871e-01	2.6125e-01
	306	0.0000e+00	0.0000e+00	0.0000e+00	-9.0421e+00	-8.4877e-01	5.8487e-01
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	-1.0247e+01	-1.4125e+00	1.2712e-01
	13	0.0000e+00	0.0000e+00	0.0000e+00	-7.6694e+00	6.4313e-01	-3.9139e-02
	315	0.0000e+00	0.0000e+00	0.0000e+00	-9.3750e+00	-1.9682e+00	3.5438e-01
	305	0.0000e+00	0.0000e+00	0.0000e+00	-8.8766e+00	-6.9251e-01	5.2064e-01
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	-9.5588e+00	8.2969e-01	-3.7510e-01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-8.8414e+00	1.0289e+00	-4.7963e-01
	314	0.0000e+00	0.0000e+00	0.0000e+00	-8.9916e+00	1.2721e+00	-1.9306e-01
	304	0.0000e+00	0.0000e+00	0.0000e+00	-9.6196e+00	9.0338e-01	-8.8525e-02
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	-9.3058e+00	3.4604e-01	-3.8151e-01
	312	0.0000e+00	0.0000e+00	0.0000e+00	-8.9235e+00	2.8221e-01	-4.5101e-01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-9.0007e+00	5.1080e-01	-5.3873e-01
	303	0.0000e+00	0.0000e+00	0.0000e+00	-9.3690e+00	6.2081e-01	-4.6923e-01
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	-9.2306e+00	1.4021e-01	-2.6776e-01
	311	0.0000e+00	0.0000e+00	0.0000e+00	-9.0459e+00	4.6289e-02	-2.5169e-01
	312	0.0000e+00	0.0000e+00	0.0000e+00	-8.9680e+00	1.2136e-01	-3.8418e-01
	302	0.0000e+00	0.0000e+00	0.0000e+00	-9.2760e+00	2.9002e-01	-4.0025e-01
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	-9.2286e+00	8.8607e-02	-1.3370e-01
	310	0.0000e+00	0.0000e+00	0.0000e+00	-9.1198e+00	-2.0163e-04	-1.1259e-01
	311	0.0000e+00	0.0000e+00	0.0000e+00	-9.0689e+00	2.6483e-03	-2.2426e-01
	301	0.0000e+00	0.0000e+00	0.0000e+00	-9.2368e+00	1.3514e-01	-2.4537e-01
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	-9.2378e+00	8.8380e-02	-1.7636e-03
	309	0.0000e+00	0.0000e+00	0.0000e+00	-9.1470e+00	-5.3922e-03	8.5310e-03
	310	0.0000e+00	0.0000e+00	0.0000e+00	-9.1296e+00	-8.3443e-03	-9.1224e-02
	300	0.0000e+00	0.0000e+00	0.0000e+00	-9.2344e+00	9.5580e-02	-1.0152e-01
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	-9.2553e+00	5.4885e-02	1.3414e-01
	308	0.0000e+00	0.0000e+00	0.0000e+00	-9.1377e+00	-5.8462e-02	1.3411e-01
	309	0.0000e+00	0.0000e+00	0.0000e+00	-9.1515e+00	-1.0647e-02	3.0567e-02
	299	0.0000e+00	0.0000e+00	0.0000e+00	-9.2415e+00	8.1211e-02	3.0600e-02
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	-9.2987e+00	-8.1847e-02	2.8699e-01
	307	0.0000e+00	0.0000e+00	0.0000e+00	-9.1014e+00	-2.3208e-01	2.8323e-01
	308	0.0000e+00	0.0000e+00	0.0000e+00	-9.1433e+00	-7.9813e-02	1.6039e-01
	298	0.0000e+00	0.0000e+00	0.0000e+00	-9.2644e+00	1.3405e-02	1.6415e-01
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	-9.4243e+00	-3.8305e-01	4.5020e-01
	306	0.0000e+00	0.0000e+00	0.0000e+00	-9.0585e+00	-5.7328e-01	4.6907e-01
	307	0.0000e+00	0.0000e+00	0.0000e+00	-9.1132e+00	-2.7338e-01	3.2117e-01
	297	0.0000e+00	0.0000e+00	0.0000e+00	-9.3316e+00	-1.7050e-01	3.0230e-01
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	-9.6604e+00	-9.6483e-01	4.8661e-01
	305	0.0000e+00	0.0000e+00	0.0000e+00	-9.2584e+00	-1.0508e+00	6.3284e-01
	306	0.0000e+00	0.0000e+00	0.0000e+00	-9.0794e+00	-5.7711e-01	5.5855e-01
	296	0.0000e+00	0.0000e+00	0.0000e+00	-9.5443e+00	-5.1585e-01	4.1232e-01
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	-1.0111e+01	-2.3004e+00	-2.0096e-02
	206	0.0000e+00	0.0000e+00	0.0000e+00	-9.3898e+00	-1.8549e+00	1.2692e-01
	305	0.0000e+00	0.0000e+00	0.0000e+00	-9.1832e+00	-7.5672e-01	5.1777e-01
	295	0.0000e+00	0.0000e+00	0.0000e+00	-1.0021e+01	-1.0858e+00	3.7075e-01
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.1528e+01	6.3173e-01	-1.6001e-01
	303	0.0000e+00	0.0000e+00	0.0000e+00	-9.8434e+00	6.5304e-01	-2.4181e-01
	304	0.0000e+00	0.0000e+00	0.0000e+00	-9.9554e+00	6.9870e-01	-1.7528e-01
	294	0.0000e+00	0.0000e+00	0.0000e+00	-1.1581e+01	5.8816e-01	-9.3482e-02
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	-1.1321e+01	4.7341e-01	-2.0248e-01



	302	0.0000e+00	0.0000e+00	0.0000e+00	-9.6891e+00	3.2657e-01	-3.4246e-01
	303	0.0000e+00	0.0000e+00	0.0000e+00	-9.8635e+00	5.1347e-01	-4.3428e-01
	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.1429e+01	5.4861e-01	-2.9431e-01
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	-1.1153e+01	3.2915e-01	-1.4322e-01
	301	0.0000e+00	0.0000e+00	0.0000e+00	-9.6131e+00	1.4959e-01	-2.2836e-01
	302	0.0000e+00	0.0000e+00	0.0000e+00	-9.6872e+00	2.2608e-01	-4.0789e-01
	292	0.0000e+00	0.0000e+00	0.0000e+00	-1.1250e+01	4.0231e-01	-3.2274e-01
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	-1.1060e+01	2.6889e-01	-4.7707e-02
	300	0.0000e+00	0.0000e+00	0.0000e+00	-9.5818e+00	8.8673e-02	-8.8005e-02
	301	0.0000e+00	0.0000e+00	0.0000e+00	-9.6044e+00	9.4569e-02	-2.8223e-01
	291	0.0000e+00	0.0000e+00	0.0000e+00	-1.1119e+01	2.9926e-01	-2.4193e-01
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	-1.1031e+01	2.5248e-01	4.9454e-02
	299	0.0000e+00	0.0000e+00	0.0000e+00	-9.5757e+00	7.3795e-02	4.1004e-02
	300	0.0000e+00	0.0000e+00	0.0000e+00	-9.5753e+00	6.9405e-02	-1.4654e-01
	290	0.0000e+00	0.0000e+00	0.0000e+00	-1.1049e+01	2.6240e-01	-1.3809e-01
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	-1.1064e+01	2.0915e-01	1.4044e-01
	298	0.0000e+00	0.0000e+00	0.0000e+00	-9.5983e+00	2.6676e-02	1.6279e-01
	299	0.0000e+00	0.0000e+00	0.0000e+00	-9.5795e+00	6.7784e-02	-1.9629e-02
	289	0.0000e+00	0.0000e+00	0.0000e+00	-1.1037e+01	2.4684e-01	-4.1987e-02
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	-1.1172e+01	5.4684e-02	2.1920e-01
	297	0.0000e+00	0.0000e+00	0.0000e+00	-9.6721e+00	-1.2688e-01	2.8291e-01
	298	0.0000e+00	0.0000e+00	0.0000e+00	-9.6197e+00	1.4435e-02	1.0536e-01
	288	0.0000e+00	0.0000e+00	0.0000e+00	-1.1096e+01	1.8475e-01	4.1648e-02
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	-1.1378e+01	-3.2739e-01	2.4820e-01
	296	0.0000e+00	0.0000e+00	0.0000e+00	-9.8433e+00	-4.5610e-01	3.7412e-01
	297	0.0000e+00	0.0000e+00	0.0000e+00	-9.7166e+00	-1.6299e-01	2.2973e-01
	287	0.0000e+00	0.0000e+00	0.0000e+00	-1.1251e+01	-5.5616e-03	1.0381e-01
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	-1.1673e+01	-1.1432e+00	1.3054e-01
	295	0.0000e+00	0.0000e+00	0.0000e+00	-1.0164e+01	-1.0882e+00	3.2398e-01
	296	0.0000e+00	0.0000e+00	0.0000e+00	-9.9143e+00	-5.5463e-01	2.9915e-01
	286	0.0000e+00	0.0000e+00	0.0000e+00	-1.1532e+01	-4.5042e-01	1.0571e-01
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	-1.1967e+01	-2.7485e+00	-1.8005e-01
	195	0.0000e+00	0.0000e+00	0.0000e+00	-1.0399e+01	-2.5391e+00	-7.4116e-02
	295	0.0000e+00	0.0000e+00	0.0000e+00	-1.0257e+01	-1.3145e+00	8.4476e-02
	285	0.0000e+00	0.0000e+00	0.0000e+00	-1.1895e+01	-1.4194e+00	-2.1462e-02
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.5002e+01	5.4708e-01	2.0425e-02
	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.2317e+01	4.2600e-01	-4.3772e-02
	294	0.0000e+00	0.0000e+00	0.0000e+00	-1.2403e+01	3.7301e-01	-1.5336e-01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.5045e+01	4.6911e-01	-8.9159e-02
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.4831e+01	5.1630e-01	5.2541e-03
	292	0.0000e+00	0.0000e+00	0.0000e+00	-1.2148e+01	3.2110e-01	-1.2191e-01
	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.2296e+01	3.7542e-01	-2.9188e-01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.4940e+01	5.1707e-01	-1.6472e-01
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.4652e+01	4.3933e-01	3.2110e-02
	291	0.0000e+00	0.0000e+00	0.0000e+00	-1.1997e+01	2.1340e-01	-8.4447e-02
	292	0.0000e+00	0.0000e+00	0.0000e+00	-1.2118e+01	2.5496e-01	-3.0406e-01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.4766e+01	4.6425e-01	-1.8750e-01
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	-1.4523e+01	3.8661e-01	7.2361e-02
	290	0.0000e+00	0.0000e+00	0.0000e+00	-1.1899e+01	1.5928e-01	-3.1413e-03
	291	0.0000e+00	0.0000e+00	0.0000e+00	-1.1967e+01	1.6546e-01	-2.3758e-01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.4607e+01	4.0273e-01	-1.6207e-01
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	-1.4464e+01	3.5353e-01	1.0420e-01
	289	0.0000e+00	0.0000e+00	0.0000e+00	-1.1861e+01	1.3604e-01	7.6363e-02
	290	0.0000e+00	0.0000e+00	0.0000e+00	-1.1879e+01	1.3525e-01	-1.5169e-01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-1.4502e+01	3.6973e-01	-1.2386e-01
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	-1.4483e+01	2.8563e-01	1.1676e-01
	288	0.0000e+00	0.0000e+00	0.0000e+00	-1.1891e+01	8.2490e-02	1.3957e-01
	289	0.0000e+00	0.0000e+00	0.0000e+00	-1.1860e+01	1.2350e-01	-7.4175e-02
	279	0.0000e+00	0.0000e+00	0.0000e+00	-1.4468e+01	3.4396e-01	-9.6985e-02
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	-1.4588e+01	9.2046e-02	9.9265e-02
	287	0.0000e+00	0.0000e+00	0.0000e+00	-1.2006e+01	-8.4715e-02	1.7716e-01
	288	0.0000e+00	0.0000e+00	0.0000e+00	-1.1916e+01	6.1079e-02	-1.4268e-02
	278	0.0000e+00	0.0000e+00	0.0000e+00	-1.4521e+01	2.6370e-01	-9.2166e-02

2259 276 0.0000e+00 0.0000e+00 0.0000e+00 -1.4775e+01 -3.6649e-01 3.0589e-02  
286 0.0000e+00 0.0000e+00 0.0000e+00 -1.2218e+01 -4.8596e-01 1.5925e-01  
287 0.0000e+00 0.0000e+00 0.0000e+00 -1.2063e+01 -1.4501e-01 1.1149e-02  
277 0.0000e+00 0.0000e+00 0.0000e+00 -1.4670e+01 2.9037e-02 -1.1751e-01

2260 275 0.0000e+00 0.0000e+00 0.0000e+00 -1.5005e+01 -1.3011e+00 -1.1284e-01  
285 0.0000e+00 0.0000e+00 0.0000e+00 -1.2490e+01 -1.3320e+00 2.6102e-02  
286 0.0000e+00 0.0000e+00 0.0000e+00 -1.2309e+01 -6.3917e-01 -4.8763e-02  
276 0.0000e+00 0.0000e+00 0.0000e+00 -1.4906e+01 -5.2171e-01 -1.8770e-01

2261 173 0.0000e+00 0.0000e+00 0.0000e+00 -1.5185e+01 -2.9826e+00 -3.0329e-01  
184 0.0000e+00 0.0000e+00 0.0000e+00 -1.2700e+01 -2.9773e+00 -2.5212e-01  
285 0.0000e+00 0.0000e+00 0.0000e+00 -1.2618e+01 -1.6690e+00 -2.6424e-01  
275 0.0000e+00 0.0000e+00 0.0000e+00 -1.5164e+01 -1.6397e+00 -3.1540e-01

2262 273 0.0000e+00 0.0000e+00 0.0000e+00 -1.9554e+01 5.4919e-01 1.6957e-01  
283 0.0000e+00 0.0000e+00 0.0000e+00 -1.6180e+01 3.1519e-01 1.1407e-01  
284 0.0000e+00 0.0000e+00 0.0000e+00 -1.6258e+01 2.3191e-01 -1.2186e-01  
274 0.0000e+00 0.0000e+00 0.0000e+00 -1.9588e+01 4.6548e-01 -6.6355e-02

2263 272 0.0000e+00 0.0000e+00 0.0000e+00 -1.9402e+01 5.4479e-01 2.0103e-01  
282 0.0000e+00 0.0000e+00 0.0000e+00 -1.6023e+01 2.9537e-01 8.6986e-02  
283 0.0000e+00 0.0000e+00 0.0000e+00 -1.6142e+01 2.9517e-01 -1.5873e-01  
273 0.0000e+00 0.0000e+00 0.0000e+00 -1.9513e+01 5.3272e-01 -4.4691e-02

2264 271 0.0000e+00 0.0000e+00 0.0000e+00 -1.9235e+01 4.8232e-01 2.1181e-01  
281 0.0000e+00 0.0000e+00 0.0000e+00 -1.5853e+01 2.3280e-01 9.2359e-02  
282 0.0000e+00 0.0000e+00 0.0000e+00 -1.5976e+01 2.5116e-01 -1.5826e-01  
272 0.0000e+00 0.0000e+00 0.0000e+00 -1.9354e+01 4.9833e-01 -3.8810e-02

2265 270 0.0000e+00 0.0000e+00 0.0000e+00 -1.9099e+01 4.2337e-01 2.0103e-01  
280 0.0000e+00 0.0000e+00 0.0000e+00 -1.5724e+01 1.8418e-01 1.1137e-01  
281 0.0000e+00 0.0000e+00 0.0000e+00 -1.5810e+01 1.9177e-01 -1.3478e-01  
271 0.0000e+00 0.0000e+00 0.0000e+00 -1.9194e+01 4.4041e-01 -4.5125e-02

2266 269 0.0000e+00 0.0000e+00 0.0000e+00 -1.9018e+01 3.6763e-01 1.6590e-01  
279 0.0000e+00 0.0000e+00 0.0000e+00 -1.5659e+01 1.4825e-01 1.1967e-01  
280 0.0000e+00 0.0000e+00 0.0000e+00 -1.5694e+01 1.5604e-01 -1.1235e-01  
270 0.0000e+00 0.0000e+00 0.0000e+00 -1.9076e+01 3.9648e-01 -6.6124e-02

2267 268 0.0000e+00 0.0000e+00 0.0000e+00 -1.9002e+01 2.6667e-01 1.0044e-01  
278 0.0000e+00 0.0000e+00 0.0000e+00 -1.5668e+01 7.4598e-02 1.0205e-01  
279 0.0000e+00 0.0000e+00 0.0000e+00 -1.5649e+01 1.2437e-01 -1.0791e-01  
269 0.0000e+00 0.0000e+00 0.0000e+00 -1.9018e+01 3.4841e-01 -1.0952e-01

2268 267 0.0000e+00 0.0000e+00 0.0000e+00 -1.9056e+01 3.3626e-02 -7.7625e-04  
277 0.0000e+00 0.0000e+00 0.0000e+00 -1.5761e+01 -1.2603e-01 4.8904e-02  
278 0.0000e+00 0.0000e+00 0.0000e+00 -1.5687e+01 3.4581e-02 -1.3321e-01  
268 0.0000e+00 0.0000e+00 0.0000e+00 -1.9029e+01 2.3584e-01 -1.8289e-01

2269 266 0.0000e+00 0.0000e+00 0.0000e+00 -1.9173e+01 -4.6590e-01 -1.3355e-01  
276 0.0000e+00 0.0000e+00 0.0000e+00 -1.5928e+01 -5.9302e-01 -4.9486e-02  
277 0.0000e+00 0.0000e+00 0.0000e+00 -1.5815e+01 -2.1593e-01 -2.0161e-01  
267 0.0000e+00 0.0000e+00 0.0000e+00 -1.9116e+01 -4.1560e-02 -2.8568e-01

2270 265 0.0000e+00 0.0000e+00 0.0000e+00 -1.9313e+01 -1.4294e+00 -2.7465e-01  
275 0.0000e+00 0.0000e+00 0.0000e+00 -1.6122e+01 -1.5367e+00 -2.0016e-01  
276 0.0000e+00 0.0000e+00 0.0000e+00 -1.6020e+01 -7.8878e-01 -3.2932e-01  
266 0.0000e+00 0.0000e+00 0.0000e+00 -1.9264e+01 -6.4005e-01 -4.0381e-01

2271 162 0.0000e+00 0.0000e+00 0.0000e+00 -1.9384e+01 -3.0940e+00 -3.7674e-01  
173 0.0000e+00 0.0000e+00 0.0000e+00 -1.6276e+01 -3.2217e+00 -3.8301e-01  
275 0.0000e+00 0.0000e+00 0.0000e+00 -1.6252e+01 -1.9160e+00 -5.1415e-01  
265 0.0000e+00 0.0000e+00 0.0000e+00 -1.9421e+01 -1.7839e+00 -5.0787e-01

2272 263 0.0000e+00 0.0000e+00 0.0000e+00 -2.4334e+01 6.1664e-01 2.8045e-01  
273 0.0000e+00 0.0000e+00 0.0000e+00 -2.0914e+01 3.1825e-01 2.3398e-01  
274 0.0000e+00 0.0000e+00 0.0000e+00 -2.0983e+01 2.3450e-01 -7.4870e-02  
264 0.0000e+00 0.0000e+00 0.0000e+00 -2.4358e+01 5.4821e-01 -2.8406e-02

2273 262 0.0000e+00 0.0000e+00 0.0000e+00 -2.4203e+01 5.6490e-01 3.6200e-01  
272 0.0000e+00 0.0000e+00 0.0000e+00 -2.0766e+01 2.9996e-01 2.5827e-01  
273 0.0000e+00 0.0000e+00 0.0000e+00 -2.0864e+01 2.9986e-01 -1.9804e-02  
263 0.0000e+00 0.0000e+00 0.0000e+00 -2.4314e+01 5.8601e-01 8.3932e-02

2274 261 0.0000e+00 0.0000e+00 0.0000e+00 -2.4070e+01 4.6720e-01 3.5935e-01  
271 0.0000e+00 0.0000e+00 0.0000e+00 -2.0599e+01 2.3010e-01 2.5176e-01  
272 0.0000e+00 0.0000e+00 0.0000e+00 -2.0709e+01 2.5770e-01 8.1965e-03

	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.4177e+01	5.0331e-01	1.1578e-01
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.3959e+01	3.8461e-01	3.0980e-01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-2.0463e+01	1.6714e-01	2.2404e-01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-2.0551e+01	1.9059e-01	2.0593e-03
	261	0.0000e+00	0.0000e+00	0.0000e+00	-2.4044e+01	4.1304e-01	8.7822e-02
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.3868e+01	2.9972e-01	2.3119e-01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-2.0377e+01	1.0984e-01	1.7045e-01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-2.0429e+01	1.3452e-01	-3.1752e-02
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.3939e+01	3.4536e-01	2.8991e-02
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	-2.3799e+01	1.5840e-01	1.1656e-01
	268	0.0000e+00	0.0000e+00	0.0000e+00	-2.0344e+01	7.5112e-03	8.0484e-02
	269	0.0000e+00	0.0000e+00	0.0000e+00	-2.0357e+01	7.1497e-02	-9.3744e-02
	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.3860e+01	2.6590e-01	-5.7665e-02
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	-2.3764e+01	-1.1312e-01	-4.1457e-02
	267	0.0000e+00	0.0000e+00	0.0000e+00	-2.0372e+01	-2.2649e-01	-5.0286e-02
	268	0.0000e+00	0.0000e+00	0.0000e+00	-2.0347e+01	-5.6137e-02	-1.9238e-01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-2.3807e+01	1.1209e-01	-1.8355e-01
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	-2.3773e+01	-6.2013e-01	-2.2144e-01
	266	0.0000e+00	0.0000e+00	0.0000e+00	-2.0454e+01	-7.2356e-01	-2.0745e-01
	267	0.0000e+00	0.0000e+00	0.0000e+00	-2.0409e+01	-3.4307e-01	-3.3216e-01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-2.3790e+01	-1.9933e-01	-3.4615e-01
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	-2.3802e+01	-1.5361e+00	-3.5918e-01
	265	0.0000e+00	0.0000e+00	0.0000e+00	-2.0555e+01	-1.6757e+00	-3.5527e-01
	266	0.0000e+00	0.0000e+00	0.0000e+00	-2.0534e+01	-9.3978e-01	-4.9968e-01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-2.3815e+01	-7.9321e-01	-5.0360e-01
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	-2.3749e+01	-3.1130e+00	-3.7927e-01
	162	0.0000e+00	0.0000e+00	0.0000e+00	-2.0631e+01	-3.3190e+00	-4.5322e-01
	265	0.0000e+00	0.0000e+00	0.0000e+00	-2.0673e+01	-2.0624e+00	-6.5170e-01
	255	0.0000e+00	0.0000e+00	0.0000e+00	-2.3856e+01	-1.8750e+00	-5.7775e-01
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	-2.7963e+01	7.3586e-01	3.3685e-01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.5545e+01	4.4483e-01	3.0291e-01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.5594e+01	3.8667e-01	-1.1514e-02
	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.7982e+01	7.1877e-01	2.2428e-02
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	-2.7891e+01	5.4763e-01	4.4825e-01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.5408e+01	3.4945e-01	3.6651e-01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.5482e+01	4.0451e-01	1.4287e-01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-2.7982e+01	6.4954e-01	2.2461e-01
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	-2.7864e+01	3.9203e-01	4.1091e-01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-2.5272e+01	2.2332e-01	3.5171e-01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.5355e+01	3.0013e-01	1.9025e-01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-2.7900e+01	4.5140e-01	2.4945e-01
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.7838e+01	2.9333e-01	3.4806e-01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.5170e+01	1.3382e-01	3.0079e-01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-2.5240e+01	1.9167e-01	1.5372e-01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-2.7863e+01	3.2364e-01	2.0099e-01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.7766e+01	1.8398e-01	2.8262e-01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.5082e+01	5.2481e-02	2.2089e-01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.5143e+01	1.0330e-01	8.4236e-02
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.7829e+01	2.4262e-01	1.4596e-01
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	-2.7634e+01	-7.2371e-03	1.8212e-01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-2.4995e+01	-8.4496e-02	9.5812e-02
	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.5051e+01	-1.1420e-03	-9.2595e-03
	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.7752e+01	1.2983e-01	7.7048e-02
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	-2.7460e+01	-3.3562e-01	1.6077e-02
	257	0.0000e+00	0.0000e+00	0.0000e+00	-2.4918e+01	-3.5120e-01	-8.5748e-02
	258	0.0000e+00	0.0000e+00	0.0000e+00	-2.4968e+01	-1.7947e-01	-1.4343e-01
	248	0.0000e+00	0.0000e+00	0.0000e+00	-2.7616e+01	-8.0727e-02	-4.1607e-02
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	-2.7294e+01	-8.4627e-01	-1.9994e-01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-2.4872e+01	-8.4664e-01	-2.9447e-01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-2.4916e+01	-5.0052e-01	-3.2527e-01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-2.7440e+01	-4.3984e-01	-2.3074e-01
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	-2.7173e+01	-1.6404e+00	-3.5760e-01
	255	0.0000e+00	0.0000e+00	0.0000e+00	-2.4852e+01	-1.7334e+00	-4.4172e-01

	256	0.0000e+00	0.0000e+00	0.0000e+00	-2.4922e+01	-1.0723e+00	-5.2254e-01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-2.7273e+01	-1.0051e+00	-4.3843e-01
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	-2.6967e+01	-3.0349e+00	-2.9045e-01
	151	0.0000e+00	0.0000e+00	0.0000e+00	-2.4825e+01	-3.2630e+00	-4.4629e-01
	255	0.0000e+00	0.0000e+00	0.0000e+00	-2.4955e+01	-2.1004e+00	-6.4974e-01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-2.7151e+01	-1.9253e+00	-4.9391e-01
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	-2.8362e+01	8.7664e-01	3.0472e-01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-2.8535e+01	7.1397e-01	2.8943e-01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.8544e+01	7.3093e-01	7.4210e-02
	244	0.0000e+00	0.0000e+00	0.0000e+00	-2.8383e+01	9.9477e-01	8.9507e-02
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	-2.8510e+01	4.0205e-01	3.3829e-01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-2.8422e+01	4.1846e-01	3.4373e-01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-2.8445e+01	6.1217e-01	3.4186e-01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-2.8475e+01	6.3229e-01	3.3641e-01
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	-2.8776e+01	2.6423e-01	2.2364e-01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-2.8417e+01	2.2419e-01	3.1740e-01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-2.8420e+01	3.8616e-01	3.4633e-01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-2.8583e+01	2.8878e-01	2.5257e-01
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	-2.8941e+01	2.0061e-01	2.3069e-01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.8439e+01	1.3730e-01	2.8600e-01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-2.8444e+01	2.3407e-01	2.6755e-01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-2.8824e+01	2.0732e-01	2.1224e-01
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	-2.8937e+01	8.3028e-02	2.8428e-01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.8392e+01	4.4789e-02	2.4833e-01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.8443e+01	1.2579e-01	2.1274e-01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-2.8959e+01	1.5808e-01	2.4869e-01
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	-2.8748e+01	-1.7069e-01	3.0584e-01
	248	0.0000e+00	0.0000e+00	0.0000e+00	-2.8244e+01	-1.3570e-01	1.6376e-01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.8357e+01	-2.2395e-02	1.5981e-01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-2.8922e+01	2.0434e-02	3.0188e-01
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	-2.8379e+01	-6.0388e-01	2.3171e-01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-2.8010e+01	-4.5489e-01	-8.9016e-03
	248	0.0000e+00	0.0000e+00	0.0000e+00	-2.8177e+01	-2.7543e-01	6.1349e-02
	238	0.0000e+00	0.0000e+00	0.0000e+00	-2.8698e+01	-2.6567e-01	3.0196e-01
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	-2.7887e+01	-1.2002e+00	2.8012e-02
	246	0.0000e+00	0.0000e+00	0.0000e+00	-2.7749e+01	-9.4694e-01	-2.6726e-01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-2.7935e+01	-6.6700e-01	-1.1169e-01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-2.8297e+01	-7.2208e-01	1.8358e-01
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	-2.7495e+01	-1.8377e+00	-2.2545e-01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-2.7533e+01	-1.7006e+00	-4.6161e-01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-2.7729e+01	-1.2033e+00	-3.3036e-01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-2.7776e+01	-1.3263e+00	-9.4210e-02
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	-2.7072e+01	-2.8535e+00	-9.0388e-02
	140	0.0000e+00	0.0000e+00	0.0000e+00	-2.7380e+01	-3.0089e+00	-3.4815e-01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-2.7635e+01	-2.0077e+00	-4.6922e-01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-2.7337e+01	-1.9231e+00	-2.1146e-01
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	-2.2470e+01	9.1175e-01	1.3365e-02
	243	0.0000e+00	0.0000e+00	0.0000e+00	-2.7573e+01	1.1009e+00	1.0896e-01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-2.7515e+01	1.3550e+00	2.1383e-01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-2.2336e+01	1.3362e+00	1.1824e-01
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	-2.3616e+01	1.5009e-01	-4.2493e-01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-2.7624e+01	3.5906e-01	2.8130e-02
	243	0.0000e+00	0.0000e+00	0.0000e+00	-2.7432e+01	8.8593e-01	5.5950e-01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-2.2894e+01	4.1811e-02	1.0644e-01
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	-2.4421e+01	1.6205e-01	-3.9962e-01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-2.8038e+01	2.8943e-01	1.2801e-02
	242	0.0000e+00	0.0000e+00	0.0000e+00	-2.7830e+01	5.0181e-01	2.8544e-01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-2.3797e+01	8.8855e-02	-1.2698e-01
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	-2.4854e+01	2.2417e-01	-1.2138e-01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-2.8322e+01	2.8478e-01	9.8883e-02
	241	0.0000e+00	0.0000e+00	0.0000e+00	-2.8180e+01	3.9065e-01	2.3463e-01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-2.4552e+01	1.8223e-01	1.4366e-02
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.4966e+01	1.5529e-01	1.9339e-01

	239	0.0000e+00	0.0000e+00	0.0000e+00	-2.8373e+01	1.9797e-01	2.1898e-01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-2.8366e+01	3.1051e-01	3.1966e-01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-2.4921e+01	1.5367e-01	2.9406e-01
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	-2.4770e+01	-1.0804e-01	4.7396e-01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-2.8183e+01	-4.2068e-02	3.0423e-01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-2.8326e+01	1.3151e-01	4.2946e-01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.4971e+01	-5.0705e-02	5.9919e-01
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	-2.4230e+01	-6.1179e-01	6.6700e-01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-2.7755e+01	-4.6247e-01	2.8466e-01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-2.8047e+01	-2.1607e-01	4.8797e-01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-2.4710e+01	-4.6968e-01	8.7031e-01
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	-2.3250e+01	-1.3862e+00	6.8626e-01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-2.7139e+01	-1.0312e+00	7.6085e-02
	237	0.0000e+00	0.0000e+00	0.0000e+00	-2.7525e+01	-7.5780e-01	4.3944e-01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-2.4095e+01	-1.1229e+00	1.0496e+00
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	-2.2043e+01	-2.3462e+00	3.4991e-01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-2.6431e+01	-1.6070e+00	-3.5736e-01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-2.6853e+01	-1.4444e+00	2.4973e-01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-2.3048e+01	-1.9083e+00	9.5700e-01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	-2.1012e+01	-2.3139e+00	3.2495e-01
	129	0.0000e+00	0.0000e+00	0.0000e+00	-2.6151e+01	-2.4647e+00	-1.2294e-01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-2.6497e+01	-1.7751e+00	1.0823e-02
	216	0.0000e+00	0.0000e+00	0.0000e+00	-2.1569e+01	-2.1910e+00	4.5872e-01
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	-8.3187e+00	-1.3974e+00	-3.6479e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	-1.8089e+01	7.9748e-01	-9.9544e-01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-2.0315e+01	2.6448e+00	8.9352e-01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.3909e-01	1.0961e+00	-1.7589e+00
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	-1.0662e+01	2.0949e-01	-2.2715e+00
	230	0.0000e+00	0.0000e+00	0.0000e+00	-2.0563e+01	2.9690e-01	-8.4056e-01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-1.9124e+01	9.0756e-01	-3.3013e-01
	233	0.0000e+00	0.0000e+00	0.0000e+00	-9.2133e+00	-1.6594e-02	-1.7611e+00
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	-1.1858e+01	4.2504e-01	-1.4334e+00
	228	0.0000e+00	0.0000e+00	0.0000e+00	-2.1737e+01	6.3435e-01	-7.0851e-01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-2.1008e+01	7.4208e-01	-3.3113e-01
	231	0.0000e+00	0.0000e+00	0.0000e+00	-1.1123e+01	2.0349e-01	-1.0560e+00
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	-1.2480e+01	3.0514e-01	-7.3713e-01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-2.2268e+01	7.4917e-01	-3.8945e-01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-2.1949e+01	8.0617e-01	-1.6204e-02
	229	0.0000e+00	0.0000e+00	0.0000e+00	-1.2097e+01	5.1050e-01	-3.6388e-01
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-1.2754e+01	-6.9673e-02	-1.2377e-01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.2398e+01	6.7273e-01	-4.1253e-02
	226	0.0000e+00	0.0000e+00	0.0000e+00	-2.2416e+01	7.7246e-01	3.4939e-01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-1.2569e+01	7.4067e-01	2.6687e-01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.2726e+01	-7.0290e-01	4.5551e-01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-2.2182e+01	3.8448e-01	2.8652e-01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.2536e+01	5.6141e-01	6.9286e-01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-1.2713e+01	8.4350e-01	8.6185e-01
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.2322e+01	-1.6123e+00	1.0458e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	-2.1570e+01	-1.3824e-01	5.6643e-01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-2.2320e+01	1.1827e-01	9.8055e-01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.2539e+01	7.7163e-01	1.4599e+00
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-1.1308e+01	-2.7923e+00	1.6975e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	-2.0403e+01	-8.9157e-01	7.5424e-01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-2.1677e+01	-6.1204e-01	1.1772e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.1938e+01	4.5046e-01	2.1205e+00
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-9.1897e+00	-4.0958e+00	2.4146e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	-1.8189e+01	-1.6221e+00	6.4407e-01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-2.0329e+01	-1.7288e+00	1.1638e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	-1.0624e+01	-2.8516e-01	2.9343e+00
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6545e-01	-4.2568e+00	2.5736e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	-1.8908e+01	-1.1093e+00	-5.4556e-01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-1.7595e+01	-2.2343e+00	1.2223e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	-7.9741e+00	-2.5903e+00	4.3414e+00

2322 205 0.0000e+00 0.0000e+00 0.0000e+00 -9.0972e+00 -4.4186e+00 -1.3607e-01  
215 0.0000e+00 0.0000e+00 0.0000e+00 -9.8794e+00 -5.1465e+00 2.5752e-01  
13 0.0000e+00 0.0000e+00 0.0000e+00 -8.1887e+00 -1.0598e+00 1.8405e-01  
206 0.0000e+00 0.0000e+00 0.0000e+00 -1.0066e+01 -1.6275e+00 -2.0954e-01

2323 204 0.0000e+00 0.0000e+00 0.0000e+00 -9.7094e+00 -8.5242e+00 -1.2060e-01  
214 0.0000e+00 0.0000e+00 0.0000e+00 -1.0804e+01 -8.4747e+00 2.1093e-01  
215 0.0000e+00 0.0000e+00 0.0000e+00 -1.0439e+01 -5.6365e+00 1.7956e-01  
205 0.0000e+00 0.0000e+00 0.0000e+00 -9.4664e+00 -5.5186e+00 -1.5197e-01

2324 203 0.0000e+00 0.0000e+00 0.0000e+00 -1.0204e+01 -1.2487e+01 3.5437e-02  
213 0.0000e+00 0.0000e+00 0.0000e+00 -1.1357e+01 -1.2433e+01 1.7843e-01  
214 0.0000e+00 0.0000e+00 0.0000e+00 -1.1195e+01 -9.4615e+00 2.0166e-01  
204 0.0000e+00 0.0000e+00 0.0000e+00 -1.0104e+01 -9.4573e+00 5.8662e-02

2325 202 0.0000e+00 0.0000e+00 0.0000e+00 -1.0531e+01 -1.6701e+01 1.3416e-01  
212 0.0000e+00 0.0000e+00 0.0000e+00 -1.1668e+01 -1.6633e+01 1.1875e-01  
213 0.0000e+00 0.0000e+00 0.0000e+00 -1.1683e+01 -1.3521e+01 1.7490e-01  
203 0.0000e+00 0.0000e+00 0.0000e+00 -1.0545e+01 -1.3576e+01 1.9031e-01

2326 201 0.0000e+00 0.0000e+00 0.0000e+00 -1.0705e+01 -2.0837e+01 1.9000e-01  
211 0.0000e+00 0.0000e+00 0.0000e+00 -1.1775e+01 -2.0769e+01 4.2166e-02  
212 0.0000e+00 0.0000e+00 0.0000e+00 -1.1932e+01 -1.7749e+01 1.1807e-01  
202 0.0000e+00 0.0000e+00 0.0000e+00 -1.0820e+01 -1.7846e+01 2.6590e-01

2327 200 0.0000e+00 0.0000e+00 0.0000e+00 -1.0732e+01 -2.4263e+01 2.0923e-01  
210 0.0000e+00 0.0000e+00 0.0000e+00 -1.1681e+01 -2.4207e+01 -3.8993e-02  
211 0.0000e+00 0.0000e+00 0.0000e+00 -1.1952e+01 -2.1759e+01 4.5238e-02  
201 0.0000e+00 0.0000e+00 0.0000e+00 -1.0916e+01 -2.1886e+01 2.9346e-01

2328 199 0.0000e+00 0.0000e+00 0.0000e+00 -1.0617e+01 -2.5970e+01 1.8713e-01  
209 0.0000e+00 0.0000e+00 0.0000e+00 -1.1373e+01 -2.5931e+01 -1.1377e-01  
210 0.0000e+00 0.0000e+00 0.0000e+00 -1.1721e+01 -2.4827e+01 -2.6450e-02  
200 0.0000e+00 0.0000e+00 0.0000e+00 -1.0822e+01 -2.4978e+01 2.7445e-01

2329 198 0.0000e+00 0.0000e+00 0.0000e+00 -1.0368e+01 -2.4501e+01 8.5752e-02  
208 0.0000e+00 0.0000e+00 0.0000e+00 -1.0833e+01 -2.4453e+01 -1.9672e-01  
209 0.0000e+00 0.0000e+00 0.0000e+00 -1.1193e+01 -2.5823e+01 -8.8523e-02  
199 0.0000e+00 0.0000e+00 0.0000e+00 -1.0526e+01 -2.6011e+01 1.9394e-01

2330 197 0.0000e+00 0.0000e+00 0.0000e+00 -1.0270e+01 -1.7858e+01 -2.3976e-01  
207 0.0000e+00 0.0000e+00 0.0000e+00 -9.7811e+00 -1.7593e+01 -3.8973e-01  
208 0.0000e+00 0.0000e+00 0.0000e+00 -1.0294e+01 -2.3181e+01 -1.9446e-01  
198 0.0000e+00 0.0000e+00 0.0000e+00 -1.0032e+01 -2.3342e+01 -4.4488e-02

2331 196 0.0000e+00 0.0000e+00 0.0000e+00 -1.1039e+01 -5.4740e+00 -3.5360e+00  
12 0.0000e+00 0.0000e+00 0.0000e+00 -9.6674e+00 1.1856e+00 -2.4020e+00  
207 0.0000e+00 0.0000e+00 0.0000e+00 -8.3824e+00 -1.5201e+01 1.5301e-01  
197 0.0000e+00 0.0000e+00 0.0000e+00 -1.0243e+01 -1.4111e+01 -9.8098e-01

2332 194 0.0000e+00 0.0000e+00 0.0000e+00 -1.0188e+01 -4.4730e+00 -4.0374e-01  
205 0.0000e+00 0.0000e+00 0.0000e+00 -9.4060e+00 -4.3166e+00 -5.4227e-01  
206 0.0000e+00 0.0000e+00 0.0000e+00 -9.6221e+00 -1.9354e+00 -2.6531e-01  
195 0.0000e+00 0.0000e+00 0.0000e+00 -1.0226e+01 -2.3827e+00 -1.2678e-01

2333 193 0.0000e+00 0.0000e+00 0.0000e+00 -1.0148e+01 -8.2036e+00 -3.7549e-01  
204 0.0000e+00 0.0000e+00 0.0000e+00 -9.7463e+00 -8.2798e+00 -4.3808e-01  
205 0.0000e+00 0.0000e+00 0.0000e+00 -9.7731e+00 -5.6446e+00 -5.4835e-01  
194 0.0000e+00 0.0000e+00 0.0000e+00 -1.0236e+01 -5.4803e+00 -4.8577e-01

2334 192 0.0000e+00 0.0000e+00 0.0000e+00 -1.0293e+01 -1.2248e+01 -2.2279e-01  
203 0.0000e+00 0.0000e+00 0.0000e+00 -1.0104e+01 -1.2356e+01 -2.4072e-01  
204 0.0000e+00 0.0000e+00 0.0000e+00 -1.0054e+01 -9.4522e+00 -3.8846e-01  
193 0.0000e+00 0.0000e+00 0.0000e+00 -1.0376e+01 -9.2382e+00 -3.7053e-01

2335 191 0.0000e+00 0.0000e+00 0.0000e+00 -1.0478e+01 -1.6515e+01 -4.1237e-02  
202 0.0000e+00 0.0000e+00 0.0000e+00 -1.0377e+01 -1.6620e+01 -1.0673e-01  
203 0.0000e+00 0.0000e+00 0.0000e+00 -1.0405e+01 -1.3531e+01 -2.3371e-01  
192 0.0000e+00 0.0000e+00 0.0000e+00 -1.0571e+01 -1.3359e+01 -1.6822e-01

2336 190 0.0000e+00 0.0000e+00 0.0000e+00 -1.0618e+01 -2.0686e+01 1.3181e-01  
201 0.0000e+00 0.0000e+00 0.0000e+00 -1.0545e+01 -2.0792e+01 3.9171e-03  
202 0.0000e+00 0.0000e+00 0.0000e+00 -1.0651e+01 -1.7781e+01 -1.0547e-01  
191 0.0000e+00 0.0000e+00 0.0000e+00 -1.0747e+01 -1.7648e+01 2.2424e-02

2337 189 0.0000e+00 0.0000e+00 0.0000e+00 -1.0696e+01 -2.4145e+01 2.7597e-01  
200 0.0000e+00 0.0000e+00 0.0000e+00 -1.0604e+01 -2.4252e+01 1.1350e-01  
201 0.0000e+00 0.0000e+00 0.0000e+00 -1.0759e+01 -2.1806e+01 1.6163e-02

	190	0.0000e+00	0.0000e+00	0.0000e+00	-1.0839e+01	-2.1701e+01	1.7863e-01
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	-1.0735e+01	-2.5912e+01	3.6193e-01
	199	0.0000e+00	0.0000e+00	0.0000e+00	-1.0572e+01	-2.6010e+01	2.3308e-01
	200	0.0000e+00	0.0000e+00	0.0000e+00	-1.0713e+01	-2.4876e+01	1.5258e-01
	189	0.0000e+00	0.0000e+00	0.0000e+00	-1.0830e+01	-2.4798e+01	2.8143e-01
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	-1.0801e+01	-2.4650e+01	3.0357e-01
	198	0.0000e+00	0.0000e+00	0.0000e+00	-1.0503e+01	-2.4648e+01	3.2892e-01
	199	0.0000e+00	0.0000e+00	0.0000e+00	-1.0512e+01	-2.5876e+01	3.1364e-01
	188	0.0000e+00	0.0000e+00	0.0000e+00	-1.0746e+01	-2.5841e+01	2.8828e-01
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	-1.0726e+01	-1.8866e+01	-2.2742e-01
	197	0.0000e+00	0.0000e+00	0.0000e+00	-1.0724e+01	-1.8271e+01	1.0081e-01
	198	0.0000e+00	0.0000e+00	0.0000e+00	-1.0159e+01	-2.3202e+01	4.5265e-01
	187	0.0000e+00	0.0000e+00	0.0000e+00	-1.0688e+01	-2.3374e+01	1.2442e-01
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.0384e+01	-7.3212e+00	-1.3767e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	-9.9157e+00	-6.2543e+00	-1.3424e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	-9.9008e+00	-1.5045e+01	-3.9436e-01
	186	0.0000e+00	0.0000e+00	0.0000e+00	-1.0336e+01	-1.6045e+01	-4.2862e-01
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	-1.2059e+01	-4.6941e+00	-4.1985e-01
	194	0.0000e+00	0.0000e+00	0.0000e+00	-1.0463e+01	-4.6405e+00	-5.1651e-01
	195	0.0000e+00	0.0000e+00	0.0000e+00	-1.0593e+01	-2.5968e+00	-4.0480e-01
	184	0.0000e+00	0.0000e+00	0.0000e+00	-1.2106e+01	-2.7867e+00	-3.0815e-01
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	-1.2042e+01	-8.0568e+00	-4.4678e-01
	193	0.0000e+00	0.0000e+00	0.0000e+00	-1.0529e+01	-8.1982e+00	-6.1171e-01
	194	0.0000e+00	0.0000e+00	0.0000e+00	-1.0703e+01	-5.5879e+00	-6.8675e-01
	183	0.0000e+00	0.0000e+00	0.0000e+00	-1.2171e+01	-5.5657e+00	-5.2181e-01
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	-1.2043e+01	-1.1995e+01	-3.2123e-01
	192	0.0000e+00	0.0000e+00	0.0000e+00	-1.0670e+01	-1.2200e+01	-4.7430e-01
	193	0.0000e+00	0.0000e+00	0.0000e+00	-1.0788e+01	-9.2965e+00	-6.6513e-01
	182	0.0000e+00	0.0000e+00	0.0000e+00	-1.2206e+01	-9.0855e+00	-5.1206e-01
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	-1.2066e+01	-1.6240e+01	-1.1189e-01
	191	0.0000e+00	0.0000e+00	0.0000e+00	-1.0817e+01	-1.6466e+01	-2.7982e-01
	192	0.0000e+00	0.0000e+00	0.0000e+00	-1.0937e+01	-1.3387e+01	-5.1042e-01
	181	0.0000e+00	0.0000e+00	0.0000e+00	-1.2253e+01	-1.3110e+01	-3.4249e-01
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	-1.2064e+01	-2.0423e+01	1.2682e-01
	190	0.0000e+00	0.0000e+00	0.0000e+00	-1.0925e+01	-2.0646e+01	-7.1875e-02
	191	0.0000e+00	0.0000e+00	0.0000e+00	-1.1070e+01	-1.7659e+01	-3.0782e-01
	180	0.0000e+00	0.0000e+00	0.0000e+00	-1.2284e+01	-1.7367e+01	-1.0912e-01
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	-1.2008e+01	-2.3924e+01	3.4773e-01
	189	0.0000e+00	0.0000e+00	0.0000e+00	-1.0982e+01	-2.4116e+01	1.3631e-01
	190	0.0000e+00	0.0000e+00	0.0000e+00	-1.1131e+01	-2.1703e+01	-8.3045e-02
	179	0.0000e+00	0.0000e+00	0.0000e+00	-1.2247e+01	-2.1417e+01	1.2838e-01
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	-1.1892e+01	-2.5785e+01	4.9454e-01
	188	0.0000e+00	0.0000e+00	0.0000e+00	-1.1002e+01	-2.5901e+01	3.2546e-01
	189	0.0000e+00	0.0000e+00	0.0000e+00	-1.1094e+01	-2.4803e+01	1.5279e-01
	178	0.0000e+00	0.0000e+00	0.0000e+00	-1.2111e+01	-2.4543e+01	3.2187e-01
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	-1.1706e+01	-2.4711e+01	4.9349e-01
	187	0.0000e+00	0.0000e+00	0.0000e+00	-1.0999e+01	-2.4664e+01	4.3589e-01
	188	0.0000e+00	0.0000e+00	0.0000e+00	-1.0955e+01	-2.5890e+01	3.6396e-01
	177	0.0000e+00	0.0000e+00	0.0000e+00	-1.1855e+01	-2.5687e+01	4.2156e-01
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	-1.1250e+01	-1.9145e+01	3.4500e-01
	186	0.0000e+00	0.0000e+00	0.0000e+00	-1.0913e+01	-1.8936e+01	3.6427e-01
	187	0.0000e+00	0.0000e+00	0.0000e+00	-1.0709e+01	-2.3560e+01	4.3107e-01
	176	0.0000e+00	0.0000e+00	0.0000e+00	-1.1418e+01	-2.3497e+01	4.1181e-01
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.0943e+01	-7.4684e+00	2.5770e-01
	185	0.0000e+00	0.0000e+00	0.0000e+00	-9.6516e+00	-7.4420e+00	1.5815e-01
	186	0.0000e+00	0.0000e+00	0.0000e+00	-1.0242e+01	-1.6444e+01	1.3575e-01
	175	0.0000e+00	0.0000e+00	0.0000e+00	-1.0536e+01	-1.6368e+01	2.3530e-01
2352	172	0.0000e+00	0.0000e+00	0.0000e+00	-1.5249e+01	-4.8209e+00	-4.3772e-01
	183	0.0000e+00	0.0000e+00	0.0000e+00	-1.2779e+01	-4.8870e+00	-5.2671e-01
	184	0.0000e+00	0.0000e+00	0.0000e+00	-1.2864e+01	-3.0095e+00	-5.5938e-01
	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.5327e+01	-3.0044e+00	-4.7038e-01
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	-1.5214e+01	-7.9777e+00	-4.3167e-01
	182	0.0000e+00	0.0000e+00	0.0000e+00	-1.2797e+01	-8.1678e+00	-6.1477e-01

	183	0.0000e+00	0.0000e+00	0.0000e+00	-1.2978e+01	-5.7313e+00	-7.5364e-01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-1.5370e+01	-5.6187e+00	-5.7054e-01
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	-1.5128e+01	-1.1755e+01	-2.8550e-01
	181	0.0000e+00	0.0000e+00	0.0000e+00	-1.2811e+01	-1.2036e+01	-5.2024e-01
	182	0.0000e+00	0.0000e+00	0.0000e+00	-1.3019e+01	-9.2089e+00	-7.6456e-01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-1.5351e+01	-8.9571e+00	-5.2982e-01
2355	169	0.0000e+00	0.0000e+00	0.0000e+00	-1.4995e+01	-1.5908e+01	-2.5784e-02
	180	0.0000e+00	0.0000e+00	0.0000e+00	-1.2812e+01	-1.6240e+01	-3.0723e-01
	181	0.0000e+00	0.0000e+00	0.0000e+00	-1.3041e+01	-1.3205e+01	-6.2344e-01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-1.5283e+01	-1.2848e+01	-3.4199e-01
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	-1.4780e+01	-2.0055e+01	3.0747e-01
	179	0.0000e+00	0.0000e+00	0.0000e+00	-1.2766e+01	-2.0396e+01	-3.1629e-02
	180	0.0000e+00	0.0000e+00	0.0000e+00	-1.3025e+01	-1.7447e+01	-3.8305e-01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-1.5144e+01	-1.7022e+01	-4.3950e-02
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	-1.4438e+01	-2.3575e+01	6.5824e-01
	178	0.0000e+00	0.0000e+00	0.0000e+00	-1.2643e+01	-2.3876e+01	2.6471e-01
	179	0.0000e+00	0.0000e+00	0.0000e+00	-1.2922e+01	-2.1498e+01	-8.3093e-02
	168	0.0000e+00	0.0000e+00	0.0000e+00	-1.4881e+01	-2.1041e+01	3.1043e-01
2358	166	0.0000e+00	0.0000e+00	0.0000e+00	-1.3933e+01	-2.5508e+01	9.6044e-01
	177	0.0000e+00	0.0000e+00	0.0000e+00	-1.2430e+01	-2.5720e+01	5.4420e-01
	178	0.0000e+00	0.0000e+00	0.0000e+00	-1.2692e+01	-2.4646e+01	2.4049e-01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-1.4435e+01	-2.4196e+01	6.5673e-01
2359	165	0.0000e+00	0.0000e+00	0.0000e+00	-1.3251e+01	-2.4499e+01	1.1807e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	-1.2086e+01	-2.4628e+01	7.8966e-01
	177	0.0000e+00	0.0000e+00	0.0000e+00	-1.2309e+01	-2.5832e+01	5.4343e-01
	166	0.0000e+00	0.0000e+00	0.0000e+00	-1.3746e+01	-2.5424e+01	9.3452e-01
2360	164	0.0000e+00	0.0000e+00	0.0000e+00	-1.2229e+01	-1.8793e+01	1.4367e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	-1.1611e+01	-1.9044e+01	1.0889e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	-1.1729e+01	-2.3637e+01	8.1943e-01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-1.2750e+01	-2.3300e+01	1.1672e+00
2361	163	0.0000e+00	0.0000e+00	0.0000e+00	-1.1798e+01	-6.4853e+00	2.0279e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	-9.7840e+00	-7.1199e+00	1.7085e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	-1.0884e+01	-1.6617e+01	1.0627e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	-1.1284e+01	-1.5844e+01	1.3820e+00
2362	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.9376e+01	-4.8540e+00	-4.1722e-01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-1.6318e+01	-5.0242e+00	-5.3958e-01
	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.6410e+01	-3.2505e+00	-6.8311e-01
	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.9508e+01	-3.1079e+00	-5.6075e-01
2363	160	0.0000e+00	0.0000e+00	0.0000e+00	-1.9272e+01	-7.8621e+00	-3.4028e-01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-1.6283e+01	-8.1246e+00	-5.6269e-01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-1.6487e+01	-5.8269e+00	-7.8438e-01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.9476e+01	-5.6062e+00	-5.6197e-01
2364	159	0.0000e+00	0.0000e+00	0.0000e+00	-1.9087e+01	-1.1469e+01	-1.2499e-01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-1.6196e+01	-1.1839e+01	-4.3158e-01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-1.6470e+01	-9.1235e+00	-7.5207e-01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-1.9375e+01	-8.7942e+00	-4.4548e-01
2365	158	0.0000e+00	0.0000e+00	0.0000e+00	-1.8799e+01	-1.5466e+01	2.4442e-01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-1.6044e+01	-1.5930e+01	-1.5235e-01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-1.6387e+01	-1.2979e+01	-5.7265e-01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-1.9184e+01	-1.2527e+01	-1.7589e-01
2366	157	0.0000e+00	0.0000e+00	0.0000e+00	-1.8345e+01	-1.9500e+01	7.5962e-01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-1.5782e+01	-2.0020e+01	2.4516e-01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-1.6205e+01	-1.7132e+01	-2.5520e-01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-1.8866e+01	-1.6561e+01	2.5926e-01
2367	156	0.0000e+00	0.0000e+00	0.0000e+00	-1.7641e+01	-2.2978e+01	1.3685e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	-1.5352e+01	-2.3487e+01	7.1197e-01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-1.5862e+01	-2.1150e+01	1.7492e-01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-1.8335e+01	-2.0487e+01	8.3150e-01
2368	155	0.0000e+00	0.0000e+00	0.0000e+00	-1.6620e+01	-2.4941e+01	1.9849e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	-1.4708e+01	-2.5371e+01	1.1939e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	-1.5288e+01	-2.4325e+01	6.7545e-01
	156	0.0000e+00	0.0000e+00	0.0000e+00	-1.7491e+01	-2.3626e+01	1.4665e+00
2369	154	0.0000e+00	0.0000e+00	0.0000e+00	-1.5276e+01	-2.3943e+01	2.5468e+00



	165	0.0000e+00	0.0000e+00	0.0000e+00	-1.3814e+01	-2.4305e+01	1.6822e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	-1.4436e+01	-2.5581e+01	1.2017e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	-1.6241e+01	-2.4896e+01	2.0663e+00
2370	153	0.0000e+00	0.0000e+00	0.0000e+00	-1.3569e+01	-1.7982e+01	3.1491e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	-1.2764e+01	-1.8526e+01	2.3356e+00
	165	0.0000e+00	0.0000e+00	0.0000e+00	-1.3283e+01	-2.3390e+01	1.7906e+00
	154	0.0000e+00	0.0000e+00	0.0000e+00	-1.4543e+01	-2.2746e+01	2.6040e+00
2371	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.2508e+01	-4.7410e+00	4.1911e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	-1.0476e+01	-5.8206e+00	3.5106e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	-1.1878e+01	-1.6014e+01	2.4787e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	-1.2355e+01	-1.4844e+01	3.1592e+00
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	-2.3629e+01	-4.8034e+00	-3.1777e-01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-2.0593e+01	-5.0381e+00	-5.0736e-01
	162	0.0000e+00	0.0000e+00	0.0000e+00	-2.0730e+01	-3.3524e+00	-7.2064e-01
	151	0.0000e+00	0.0000e+00	0.0000e+00	-2.3839e+01	-3.1222e+00	-5.3106e-01
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	-2.3416e+01	-7.6821e+00	-1.5710e-01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-2.0471e+01	-7.9963e+00	-4.4696e-01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-2.0727e+01	-5.8185e+00	-7.2630e-01
	150	0.0000e+00	0.0000e+00	0.0000e+00	-2.3692e+01	-5.5238e+00	-4.3644e-01
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	-2.3127e+01	-1.1088e+01	1.4990e-01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-2.0274e+01	-1.1544e+01	-2.2873e-01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-2.0621e+01	-8.9585e+00	-6.1566e-01
	149	0.0000e+00	0.0000e+00	0.0000e+00	-2.3475e+01	-8.5709e+00	-2.3703e-01
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	-2.2709e+01	-1.4836e+01	6.8316e-01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-1.9975e+01	-1.5464e+01	1.8847e-01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-2.0430e+01	-1.2638e+01	-3.4758e-01
	148	0.0000e+00	0.0000e+00	0.0000e+00	-2.3162e+01	-1.2097e+01	1.4712e-01
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	-2.2051e+01	-1.8631e+01	1.4856e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	-1.9491e+01	-1.9411e+01	8.1206e-01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-2.0090e+01	-1.6624e+01	1.1769e-01
	147	0.0000e+00	0.0000e+00	0.0000e+00	-2.2688e+01	-1.5890e+01	7.9125e-01
2377	145	0.0000e+00	0.0000e+00	0.0000e+00	-2.1014e+01	-2.1953e+01	2.5179e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	-1.8715e+01	-2.2804e+01	1.5969e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	-1.9495e+01	-2.0527e+01	7.8545e-01
	146	0.0000e+00	0.0000e+00	0.0000e+00	-2.1924e+01	-1.9609e+01	1.7065e+00
2378	144	0.0000e+00	0.0000e+00	0.0000e+00	-1.9475e+01	-2.3892e+01	3.6542e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	-1.7556e+01	-2.4691e+01	2.4542e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	-1.8522e+01	-2.3676e+01	1.6129e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	-2.0711e+01	-2.2641e+01	2.8129e+00
2379	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.7403e+01	-2.2955e+01	4.7280e+00
	154	0.0000e+00	0.0000e+00	0.0000e+00	-1.5984e+01	-2.3621e+01	3.3110e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	-1.7082e+01	-2.4978e+01	2.5264e+00
	144	0.0000e+00	0.0000e+00	0.0000e+00	-1.8905e+01	-2.3933e+01	3.9434e+00
2380	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.4948e+01	-1.6875e+01	5.6671e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	-1.4127e+01	-1.7569e+01	4.2700e+00
	154	0.0000e+00	0.0000e+00	0.0000e+00	-1.5186e+01	-2.2789e+01	3.5090e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.6453e+01	-2.1825e+01	4.9060e+00
2381	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.2638e+01	-2.6553e+00	6.9120e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.1661e+01	-3.9447e+00	5.7462e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	-1.2990e+01	-1.4884e+01	4.6018e+00
	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.3449e+01	-1.3679e+01	5.7676e+00
2382	139	0.0000e+00	0.0000e+00	0.0000e+00	-2.6683e+01	-4.6787e+00	-9.9297e-02
	150	0.0000e+00	0.0000e+00	0.0000e+00	-2.4669e+01	-4.9107e+00	-3.9167e-01
	151	0.0000e+00	0.0000e+00	0.0000e+00	-2.4884e+01	-3.3112e+00	-6.1920e-01
	140	0.0000e+00	0.0000e+00	0.0000e+00	-2.7005e+01	-3.0472e+00	-3.2682e-01
2383	138	0.0000e+00	0.0000e+00	0.0000e+00	-2.6340e+01	-7.4589e+00	1.2594e-01
	149	0.0000e+00	0.0000e+00	0.0000e+00	-2.4419e+01	-7.7501e+00	-2.5355e-01
	150	0.0000e+00	0.0000e+00	0.0000e+00	-2.4749e+01	-5.6841e+00	-5.1848e-01
	139	0.0000e+00	0.0000e+00	0.0000e+00	-2.6707e+01	-5.3978e+00	-1.3899e-01
2384	137	0.0000e+00	0.0000e+00	0.0000e+00	-2.5974e+01	-1.0600e+01	4.9687e-01
	148	0.0000e+00	0.0000e+00	0.0000e+00	-2.4116e+01	-1.1097e+01	6.5266e-02
	149	0.0000e+00	0.0000e+00	0.0000e+00	-2.4531e+01	-8.6693e+00	-3.2640e-01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-2.6351e+01	-8.3124e+00	1.0520e-01

2385	136	0.0000e+00	0.0000e+00	0.0000e+00	-2.5488e+01	-1.3958e+01	1.2156e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	-2.3711e+01	-1.4745e+01	6.7301e-01
	148	0.0000e+00	0.0000e+00	0.0000e+00	-2.4248e+01	-1.2108e+01	4.9022e-02
	137	0.0000e+00	0.0000e+00	0.0000e+00	-2.5946e+01	-1.1536e+01	5.9163e-01
2386	135	0.0000e+00	0.0000e+00	0.0000e+00	-2.4724e+01	-1.7327e+01	2.3876e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	-2.3072e+01	-1.8419e+01	1.6288e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	-2.3803e+01	-1.5807e+01	7.2395e-01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-2.5386e+01	-1.4927e+01	1.4827e+00
2387	134	0.0000e+00	0.0000e+00	0.0000e+00	-2.3498e+01	-2.0302e+01	3.9933e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	-2.2028e+01	-2.1622e+01	2.9030e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	-2.3030e+01	-1.9451e+01	1.7479e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	-2.4496e+01	-1.8253e+01	2.8382e+00
2388	133	0.0000e+00	0.0000e+00	0.0000e+00	-2.1623e+01	-2.2109e+01	5.8741e+00
	144	0.0000e+00	0.0000e+00	0.0000e+00	-2.0411e+01	-2.3468e+01	4.3617e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	-2.1734e+01	-2.2459e+01	3.0781e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	-2.3075e+01	-2.1021e+01	4.5905e+00
2389	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.8967e+01	-2.1344e+01	7.7144e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.8165e+01	-2.2476e+01	5.7917e+00
	144	0.0000e+00	0.0000e+00	0.0000e+00	-1.9743e+01	-2.3797e+01	4.5859e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	-2.0916e+01	-2.2300e+01	6.5087e+00
2390	131	0.0000e+00	0.0000e+00	0.0000e+00	-1.5861e+01	-1.5585e+01	9.0965e+00
	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.5334e+01	-1.6346e+01	7.0627e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.7042e+01	-2.1772e+01	6.1022e+00
	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.7884e+01	-2.0438e+01	8.1360e+00
2391	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.1757e+01	-8.5067e-01	1.0243e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.3096e+01	-1.9794e+00	8.5220e+00
	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.3851e+01	-1.3488e+01	7.6224e+00
	131	0.0000e+00	0.0000e+00	0.0000e+00	-1.4160e+01	-1.2656e+01	9.3435e+00
2392	128	0.0000e+00	0.0000e+00	0.0000e+00	-2.6562e+01	-4.5319e+00	2.7898e-01
	139	0.0000e+00	0.0000e+00	0.0000e+00	-2.7063e+01	-4.6224e+00	-1.6061e-01
	140	0.0000e+00	0.0000e+00	0.0000e+00	-2.7398e+01	-3.0891e+00	-3.2397e-01
	129	0.0000e+00	0.0000e+00	0.0000e+00	-2.7034e+01	-2.8235e+00	1.1561e-01
2393	127	0.0000e+00	0.0000e+00	0.0000e+00	-2.6142e+01	-7.3136e+00	4.6552e-01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-2.6639e+01	-7.4085e+00	2.7946e-03
	139	0.0000e+00	0.0000e+00	0.0000e+00	-2.7056e+01	-5.4277e+00	-9.6686e-02
	128	0.0000e+00	0.0000e+00	0.0000e+00	-2.6574e+01	-5.3057e+00	3.6604e-01
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	-2.5801e+01	-1.0059e+01	8.1685e-01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-2.6266e+01	-1.0483e+01	3.9436e-01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-2.6731e+01	-8.2619e+00	1.1601e-01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-2.6111e+01	-8.0796e+00	5.3850e-01
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	-2.5301e+01	-1.2842e+01	1.7385e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	-2.5844e+01	-1.3693e+01	1.2077e+00
	137	0.0000e+00	0.0000e+00	0.0000e+00	-2.6409e+01	-1.1359e+01	5.6918e-01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-2.5710e+01	-1.0818e+01	1.0999e+00
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	-2.4512e+01	-1.5562e+01	3.3084e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	-2.5172e+01	-1.6892e+01	2.5542e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	-2.5945e+01	-1.4591e+01	1.4912e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	-2.5122e+01	-1.3605e+01	2.2453e+00
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	-2.3298e+01	-1.7925e+01	5.5307e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	-2.4046e+01	-1.9717e+01	4.4404e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	-2.5136e+01	-1.7755e+01	2.9591e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	-2.4209e+01	-1.6318e+01	4.0494e+00
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	-2.1472e+01	-1.9359e+01	8.2751e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	-2.2237e+01	-2.1429e+01	6.7204e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	-2.3740e+01	-2.0412e+01	4.9376e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	-2.2821e+01	-1.8596e+01	6.4924e+00
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	-1.8770e+01	-1.8769e+01	1.1137e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.9594e+01	-2.0668e+01	9.0250e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	-2.1483e+01	-2.1707e+01	7.2540e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	-2.0756e+01	-1.9744e+01	9.3664e+00
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	-1.5548e+01	-1.4002e+01	1.3245e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-1.5886e+01	-1.4983e+01	1.0777e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.8199e+01	-2.0110e+01	9.5254e+00

	121	0.0000e+00	0.0000e+00	0.0000e+00	-1.7764e+01	-1.8363e+01	1.1994e+01
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	-9.5151e+00	-2.2250e-01	1.4043e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.4345e+01	-6.3572e-01	1.1828e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-1.3982e+01	-1.2099e+01	1.1593e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-1.3942e+01	-1.2001e+01	1.3808e+01
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	-2.0388e+01	-4.0162e+00	7.5017e-01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-2.5653e+01	-4.2062e+00	2.4954e-01
	129	0.0000e+00	0.0000e+00	0.0000e+00	-2.6053e+01	-2.5655e+00	3.0007e-01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-2.0907e+01	-2.8657e+00	8.0070e-01
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	-2.0515e+01	-6.9712e+00	5.4228e-01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-2.5040e+01	-7.1505e+00	2.8426e-01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-2.5406e+01	-5.0974e+00	6.5237e-01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-2.0623e+01	-6.0792e+00	9.1039e-01
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	-2.0288e+01	-9.1779e+00	1.0311e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	-2.4776e+01	-9.7034e+00	7.2307e-01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-2.5155e+01	-7.7873e+00	6.2906e-01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-2.0473e+01	-8.1077e+00	9.3711e-01
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	-1.9651e+01	-1.1294e+01	2.2803e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	-2.4394e+01	-1.2249e+01	1.7424e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	-2.4888e+01	-1.0378e+01	1.1701e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	-2.0144e+01	-1.0085e+01	1.7080e+00
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	-1.8702e+01	-1.3305e+01	4.2031e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	-2.3731e+01	-1.4751e+01	3.4392e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	-2.4444e+01	-1.2948e+01	2.3819e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	-1.9391e+01	-1.2089e+01	3.1457e+00
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	-1.7523e+01	-1.4956e+01	6.8492e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	-2.2700e+01	-1.6950e+01	5.8692e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	-2.3690e+01	-1.5389e+01	4.2943e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	-1.8331e+01	-1.3949e+01	5.2743e+00
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	-1.6143e+01	-1.5834e+01	1.0201e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-2.1130e+01	-1.8322e+01	8.9649e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	-2.2487e+01	-1.7394e+01	6.9055e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	-1.7053e+01	-1.5392e+01	8.1415e+00
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	-1.4383e+01	-1.5282e+01	1.3954e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-1.8806e+01	-1.7864e+01	1.2343e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-2.0562e+01	-1.8380e+01	1.0076e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-1.5584e+01	-1.6021e+01	1.1688e+01
2410	100	0.0000e+00	0.0000e+00	0.0000e+00	-1.2595e+01	-1.2019e+01	1.7036e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-1.4966e+01	-1.3419e+01	1.4985e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-1.7540e+01	-1.7330e+01	1.3264e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-1.3784e+01	-1.4979e+01	1.5315e+01
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	-5.7096e+00	-1.8972e+00	1.7689e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-1.4784e+01	-9.0637e-01	1.5473e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-1.2880e+01	-1.0765e+01	1.6091e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-1.1678e+01	-1.1122e+01	1.8307e+01
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	-6.7824e+00	-9.2198e+00	-2.0111e+00
	116	0.0000e+00	0.0000e+00	0.0000e+00	-1.5478e+01	-4.2188e+00	-3.6588e-01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-1.9382e+01	-1.5996e+00	1.3558e+00
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.3995e-01	-3.5194e-01	-2.8937e-01
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	-7.6002e+00	-9.3933e+00	-2.2226e-01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-1.6852e+01	-6.8479e+00	2.1994e-02
	116	0.0000e+00	0.0000e+00	0.0000e+00	-1.6924e+01	-5.0903e+00	1.9522e-01
	117	0.0000e+00	0.0000e+00	0.0000e+00	-7.0809e+00	-2.9225e+00	-4.9037e-02
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	-7.0009e+00	-1.0690e+01	1.3307e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	-1.6940e+01	-8.4384e+00	7.0848e-01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-1.7792e+01	-7.3029e+00	4.7868e-01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-7.2912e+00	-4.5499e+00	1.1009e+00
2415	111	0.0000e+00	0.0000e+00	0.0000e+00	-5.6146e+00	-1.1889e+01	3.1817e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	-1.6335e+01	-1.0217e+01	2.0874e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	-1.7540e+01	-9.1885e+00	1.5330e+00
	113	0.0000e+00	0.0000e+00	0.0000e+00	-6.4177e+00	-6.3077e+00	2.6273e+00
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	-3.7983e+00	-1.2640e+01	5.4398e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	-1.5416e+01	-1.1947e+01	4.1403e+00

	110	0.0000e+00	0.0000e+00	0.0000e+00	-1.6712e+01	-1.0996e+01	3.2122e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	-4.8867e+00	-8.2798e+00	4.5117e+00
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.9299e+00	-1.2644e+01	8.1780e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	-1.4421e+01	-1.3381e+01	6.9369e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	-1.5563e+01	-1.2570e+01	5.5804e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	-3.0647e+00	-1.0349e+01	6.8215e+00
2418	105	0.0000e+00	0.0000e+00	0.0000e+00	-5.2091e-01	-1.1630e+01	1.1381e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-1.3522e+01	-1.4196e+01	1.0500e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-1.4295e+01	-1.3635e+01	8.7024e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.3636e+00	-1.2282e+01	9.5831e+00
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	-2.5268e-01	-9.3997e+00	1.4864e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-1.2738e+01	-1.3924e+01	1.4647e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-1.3041e+01	-1.3836e+01	1.2522e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-3.4790e-01	-1.3725e+01	1.2738e+01
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	-2.1292e+00	-5.7919e+00	1.7957e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-1.1104e+01	-1.1370e+01	1.8422e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-1.1605e+01	-1.2824e+01	1.6510e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-7.7323e-01	-1.4233e+01	1.6044e+01
2421	1	0.0000e+00	0.0000e+00	0.0000e+00	5.3591e-01	5.5021e-01	1.8449e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-1.4626e+01	-3.8924e+00	1.9418e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-8.9034e+00	-8.3188e+00	2.0319e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	-3.4098e+00	-1.4725e+01	1.9350e+01

SFORZI "Q1" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	-1.7642e+00	8.7485e+00	7.7628e+00
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-6.6487e+00	-1.1843e+01	4.8215e+00
	84	0.0000e+00	0.0000e+00	0.0000e+00	7.2421e+00	-1.9585e+01	-1.2493e-01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-2.1374e+01	-3.0001e+01	2.8163e+00
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	-6.1367e-01	9.1009e+00	4.1308e+00
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-2.6524e+00	-1.2255e+00	4.0541e+00
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-4.3972e-01	-3.6154e+00	5.0967e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-2.9754e+00	-1.6086e+01	5.1733e+00
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	-7.7386e-01	9.3552e+00	2.2233e+00
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-1.5874e+00	3.0589e+00	2.8132e+00
	1892	0.0000e+00	0.0000e+00	0.0000e+00	3.3695e-01	2.3466e+00	4.1863e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-1.5512e+00	-6.7743e+00	3.5964e+00
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.2420e+00	7.7409e+00	8.8068e-01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-1.0198e+00	5.4173e+00	1.2668e+00
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-1.2317e-01	5.1846e+00	2.5097e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.3878e+00	3.0416e-01	2.1236e+00
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.5636e+00	4.0891e+00	-2.0568e-01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-5.2508e-01	5.8562e+00	-2.1035e-01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-6.7821e-01	5.9618e+00	9.3102e-01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.4196e+00	5.3810e+00	9.3568e-01
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.9153e+00	-1.5787e+00	-1.3043e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-7.1866e-02	4.2956e+00	-1.6047e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-1.2801e+00	4.8204e+00	-4.9857e-01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.2912e+00	8.4192e+00	-1.9820e-01
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	-2.9622e+00	-9.3693e+00	-2.3672e+00
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-3.3398e-01	4.6484e-02	-2.4315e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-2.1636e+00	1.7614e+00	-1.6092e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.2576e+00	9.4855e+00	-1.5449e+00
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-1.4325e+01	-2.0761e+01	-7.4300e-01
	83	0.0000e+00	0.0000e+00	0.0000e+00	5.2210e+00	-1.1217e+01	5.2190e-01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-4.7560e+00	-6.0446e+00	-2.4890e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.8888e+00	9.6931e+00	-3.7539e+00
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	-1.8888e+00	9.6931e+00	3.7539e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-4.7560e+00	-6.0447e+00	2.4890e+00
	83	0.0000e+00	0.0000e+00	0.0000e+00	5.2211e+00	-1.1217e+01	-5.2187e-01
	28	0.0000e+00	0.0000e+00	0.0000e+00	-1.4325e+01	-2.0761e+01	7.4301e-01
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	-1.2576e+00	9.4855e+00	1.5449e+00

	1885	0.0000e+00	0.0000e+00	0.0000e+00	-2.1636e+00	1.7613e+00	1.6092e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-3.3398e-01	4.6426e-02	2.4315e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	-2.9622e+00	-9.3694e+00	2.3672e+00
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	-1.2912e+00	8.4192e+00	1.9820e-01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	-1.2801e+00	4.8203e+00	4.9858e-01
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-7.1865e-02	4.2956e+00	1.6047e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	-1.9153e+00	-1.5788e+00	1.3043e+00
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	-1.4196e+00	5.3810e+00	-9.3567e-01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	-6.7822e-01	5.9618e+00	-9.3100e-01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	-5.2508e-01	5.8561e+00	2.1035e-01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	-1.5636e+00	4.0891e+00	2.0569e-01
686	1650	0.0000e+00	0.0000e+00	0.0000e+00	-1.3878e+00	3.0419e-01	-2.1236e+00
	1882	0.0000e+00	0.0000e+00	0.0000e+00	-1.2318e-01	5.1845e+00	-2.5097e+00
	1883	0.0000e+00	0.0000e+00	0.0000e+00	-1.0198e+00	5.4173e+00	-1.2668e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	-1.2420e+00	7.7408e+00	-8.8067e-01
687	1649	0.0000e+00	0.0000e+00	0.0000e+00	-1.5512e+00	-6.7743e+00	-3.5963e+00
	1881	0.0000e+00	0.0000e+00	0.0000e+00	3.3695e-01	2.3466e+00	-4.1862e+00
	1882	0.0000e+00	0.0000e+00	0.0000e+00	-1.5874e+00	3.0589e+00	-2.8132e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-7.7387e-01	9.3552e+00	-2.2233e+00
688	1648	0.0000e+00	0.0000e+00	0.0000e+00	-2.9754e+00	-1.6086e+01	-5.1733e+00
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-4.3972e-01	-3.6154e+00	-5.0967e+00
	1881	0.0000e+00	0.0000e+00	0.0000e+00	-2.6524e+00	-1.2255e+00	-4.0541e+00
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-6.1367e-01	9.1009e+00	-4.1308e+00
689	27	0.0000e+00	0.0000e+00	0.0000e+00	-2.1374e+01	-3.0000e+01	-2.8163e+00
	82	0.0000e+00	0.0000e+00	0.0000e+00	7.2421e+00	-1.9585e+01	1.2497e-01
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-6.6487e+00	-1.1843e+01	-4.8215e+00
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-1.7642e+00	8.7485e+00	-7.7627e+00
690	1879	0.0000e+00	0.0000e+00	0.0000e+00	-1.4322e+01	-1.6605e+01	3.2920e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	-1.5569e+01	1.8198e+01	-9.1528e+00
	7	0.0000e+00	0.0000e+00	0.0000e+00	-4.1949e+01	-4.7949e+01	-3.7587e+00
	73	0.0000e+00	0.0000e+00	0.0000e+00	-1.2140e+01	-2.4242e+01	8.6862e+00
691	1878	0.0000e+00	0.0000e+00	0.0000e+00	-6.1874e+00	-2.6152e+00	-2.4290e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	-6.3280e+00	1.5740e+01	-5.1302e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	-1.4968e+01	-2.3853e+01	-4.7185e+00
	1879	0.0000e+00	0.0000e+00	0.0000e+00	-2.8000e+00	-6.3450e+00	-2.0173e+00
692	1877	0.0000e+00	0.0000e+00	0.0000e+00	-3.2736e+00	4.9912e+00	-2.2289e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	-3.8489e+00	1.4327e+01	-2.5849e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	-7.0370e+00	-8.5661e+00	-3.8100e+00
	1878	0.0000e+00	0.0000e+00	0.0000e+00	-7.7769e-01	3.2902e+00	-3.4540e+00
693	1876	0.0000e+00	0.0000e+00	0.0000e+00	-1.9127e+00	8.5862e+00	-3.8613e-01
	876	0.0000e+00	0.0000e+00	0.0000e+00	-3.5097e+00	1.1141e+01	-3.0379e-01
	878	0.0000e+00	0.0000e+00	0.0000e+00	-4.4309e+00	1.9512e+00	-2.0058e+00
	1877	0.0000e+00	0.0000e+00	0.0000e+00	-8.3137e-01	8.0071e+00	-2.0882e+00
694	1875	0.0000e+00	0.0000e+00	0.0000e+00	-1.1692e+00	8.7554e+00	1.6832e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	-4.3288e+00	5.2770e+00	1.8232e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	-3.6516e+00	9.0792e+00	1.3232e-01
	1876	0.0000e+00	0.0000e+00	0.0000e+00	-1.5741e+00	9.0792e+00	-7.7373e-03
695	1874	0.0000e+00	0.0000e+00	0.0000e+00	-1.1023e+00	5.3163e+00	3.0404e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	-6.9173e+00	-3.9403e+00	3.5910e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	-4.0285e+00	1.3505e+01	2.3838e+00
	1875	0.0000e+00	0.0000e+00	0.0000e+00	-2.9205e+00	6.7314e+00	1.8332e+00
696	1873	0.0000e+00	0.0000e+00	0.0000e+00	-2.8727e+00	-2.8072e+00	1.7635e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	-1.4654e+01	-1.7826e+01	4.4996e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	-6.4767e+00	1.6113e+01	4.8449e+00
	1874	0.0000e+00	0.0000e+00	0.0000e+00	-5.7300e+00	3.8453e-01	2.1088e+00
697	72	0.0000e+00	0.0000e+00	0.0000e+00	-1.3893e+01	-1.7647e+01	-7.6103e+00
	6	0.0000e+00	0.0000e+00	0.0000e+00	-3.8115e+01	-3.9981e+01	4.3563e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	-1.5520e+01	1.9417e+01	8.4919e+00
	1873	0.0000e+00	0.0000e+00	0.0000e+00	-1.3220e+01	-1.1424e+01	-3.4747e+00
698	1872	0.0000e+00	0.0000e+00	0.0000e+00	-1.3220e+01	-1.1424e+01	3.4748e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	-1.5520e+01	1.9417e+01	-8.4918e+00
	6	0.0000e+00	0.0000e+00	0.0000e+00	-3.8115e+01	-3.9981e+01	-4.3562e+00
	72	0.0000e+00	0.0000e+00	0.0000e+00	-1.3893e+01	-1.7647e+01	7.6103e+00

699 1871 0.0000e+00 0.0000e+00 0.0000e+00 -5.7300e+00 3.8448e-01 -2.1087e+00  
794 0.0000e+00 0.0000e+00 0.0000e+00 -6.4767e+00 1.6113e+01 -4.8448e+00  
796 0.0000e+00 0.0000e+00 0.0000e+00 -1.4654e+01 -1.7826e+01 -4.4995e+00  
1872 0.0000e+00 0.0000e+00 0.0000e+00 -2.8727e+00 -2.8072e+00 -1.7634e+00

700 1870 0.0000e+00 0.0000e+00 0.0000e+00 -2.9205e+00 6.7314e+00 -1.8331e+00  
792 0.0000e+00 0.0000e+00 0.0000e+00 -4.0285e+00 1.3505e+01 -2.3837e+00  
794 0.0000e+00 0.0000e+00 0.0000e+00 -6.9174e+00 -3.9403e+00 -3.5909e+00  
1871 0.0000e+00 0.0000e+00 0.0000e+00 -1.1023e+00 5.3162e+00 -3.0403e+00

701 1869 0.0000e+00 0.0000e+00 0.0000e+00 -1.5741e+00 9.0791e+00 7.8185e-03  
790 0.0000e+00 0.0000e+00 0.0000e+00 -3.6516e+00 9.0791e+00 -1.3224e-01  
792 0.0000e+00 0.0000e+00 0.0000e+00 -4.3289e+00 5.2770e+00 -1.8231e+00  
1870 0.0000e+00 0.0000e+00 0.0000e+00 -1.1693e+00 8.7554e+00 -1.6831e+00

702 1868 0.0000e+00 0.0000e+00 0.0000e+00 -8.3137e-01 8.0070e+00 2.0882e+00  
788 0.0000e+00 0.0000e+00 0.0000e+00 -4.4310e+00 1.9510e+00 2.0059e+00  
790 0.0000e+00 0.0000e+00 0.0000e+00 -3.5097e+00 1.1141e+01 3.0386e-01  
1869 0.0000e+00 0.0000e+00 0.0000e+00 -1.9127e+00 8.5861e+00 3.8621e-01

703 1867 0.0000e+00 0.0000e+00 0.0000e+00 -7.7769e-01 3.2901e+00 3.4540e+00  
786 0.0000e+00 0.0000e+00 0.0000e+00 -7.0371e+00 -8.5663e+00 3.8100e+00  
788 0.0000e+00 0.0000e+00 0.0000e+00 -3.8490e+00 1.4327e+01 2.5849e+00  
1868 0.0000e+00 0.0000e+00 0.0000e+00 -3.2736e+00 4.9911e+00 2.2290e+00

704 1866 0.0000e+00 0.0000e+00 0.0000e+00 -2.8000e+00 -6.3452e+00 2.0173e+00  
784 0.0000e+00 0.0000e+00 0.0000e+00 -1.4968e+01 -2.3853e+01 4.7185e+00  
786 0.0000e+00 0.0000e+00 0.0000e+00 -6.3281e+00 1.5740e+01 5.1302e+00  
1867 0.0000e+00 0.0000e+00 0.0000e+00 -6.1874e+00 -2.6154e+00 2.4290e+00

705 71 0.0000e+00 0.0000e+00 0.0000e+00 -1.2140e+01 -2.4243e+01 -8.6862e+00  
5 0.0000e+00 0.0000e+00 0.0000e+00 -4.1949e+01 -4.7949e+01 3.7586e+00  
784 0.0000e+00 0.0000e+00 0.0000e+00 -1.5569e+01 1.8197e+01 9.1528e+00  
1866 0.0000e+00 0.0000e+00 0.0000e+00 -1.4322e+01 -1.6606e+01 -3.2920e+00

706 1865 0.0000e+00 0.0000e+00 0.0000e+00 -1.3627e+01 -1.5978e+01 5.9414e+00  
1023 0.0000e+00 0.0000e+00 0.0000e+00 -1.8158e+01 1.4974e+01 -6.1841e+00  
9 0.0000e+00 0.0000e+00 0.0000e+00 -3.9363e+01 -4.1924e+01 -2.3920e+00  
75 0.0000e+00 0.0000e+00 0.0000e+00 -1.3979e+01 -1.9504e+01 9.7335e+00

707 1864 0.0000e+00 0.0000e+00 0.0000e+00 -6.2013e+00 -4.8567e+00 3.1800e-01  
1021 0.0000e+00 0.0000e+00 0.0000e+00 -8.7543e+00 1.0190e+01 -3.0756e+00  
1023 0.0000e+00 0.0000e+00 0.0000e+00 -1.6308e+01 -2.1251e+01 -2.3752e+00  
1865 0.0000e+00 0.0000e+00 0.0000e+00 -4.6812e+00 -7.7796e+00 1.0184e+00

708 1863 0.0000e+00 0.0000e+00 0.0000e+00 -3.2915e+00 4.7316e-01 -2.7347e-01  
1019 0.0000e+00 0.0000e+00 0.0000e+00 -6.0563e+00 6.2689e+00 -1.0974e+00  
1021 0.0000e+00 0.0000e+00 0.0000e+00 -8.5709e+00 -8.1962e+00 -1.7921e+00  
1864 0.0000e+00 0.0000e+00 0.0000e+00 -2.2416e+00 -8.3721e-01 -9.6824e-01

709 1862 0.0000e+00 0.0000e+00 0.0000e+00 -2.1518e+00 1.7275e+00 5.8452e-01  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -6.0676e+00 5.6911e-01 5.7608e-01  
1019 0.0000e+00 0.0000e+00 0.0000e+00 -6.0896e+00 4.9504e-01 -4.8254e-01  
1863 0.0000e+00 0.0000e+00 0.0000e+00 -2.1448e+00 1.7185e+00 -4.7410e-01

710 1861 0.0000e+00 0.0000e+00 0.0000e+00 -2.2358e+00 -7.7636e-01 1.0965e+00  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -8.5004e+00 -8.0775e+00 1.9034e+00  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -6.0320e+00 6.2183e+00 1.1933e+00  
1862 0.0000e+00 0.0000e+00 0.0000e+00 -3.2699e+00 5.1473e-01 3.8648e-01

711 1860 0.0000e+00 0.0000e+00 0.0000e+00 -4.6608e+00 -7.6580e+00 -8.5104e-01  
1013 0.0000e+00 0.0000e+00 0.0000e+00 -1.6182e+01 -2.1056e+01 2.5236e+00  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -8.6820e+00 1.0149e+01 3.1936e+00  
1861 0.0000e+00 0.0000e+00 0.0000e+00 -6.1612e+00 -4.7563e+00 -1.8102e-01

712 74 0.0000e+00 0.0000e+00 0.0000e+00 -1.3957e+01 -1.9334e+01 -9.5162e+00  
8 0.0000e+00 0.0000e+00 0.0000e+00 -3.9147e+01 -4.1609e+01 2.5844e+00  
1013 0.0000e+00 0.0000e+00 0.0000e+00 -1.8028e+01 1.4929e+01 6.3397e+00  
1860 0.0000e+00 0.0000e+00 0.0000e+00 -1.3564e+01 -1.5796e+01 -5.7609e+00

713 1599 0.0000e+00 0.0000e+00 0.0000e+00 -2.6499e+00 6.2389e+00 6.6808e+00  
1859 0.0000e+00 0.0000e+00 0.0000e+00 -6.0987e+00 -1.1662e+01 3.8247e+00  
86 0.0000e+00 0.0000e+00 0.0000e+00 6.6678e+00 -1.7324e+01 -4.8386e-01  
31 0.0000e+00 0.0000e+00 0.0000e+00 -2.0494e+01 -2.5531e+01 2.3723e+00

714 1598 0.0000e+00 0.0000e+00 0.0000e+00 -1.0214e+00 4.2543e+00 3.3846e+00  
1858 0.0000e+00 0.0000e+00 0.0000e+00 -2.2434e+00 -2.1798e+00 2.6961e+00  
1859 0.0000e+00 0.0000e+00 0.0000e+00 -1.6308e+00 -4.7977e+00 3.7123e+00

1599 0.0000e+00 0.0000e+00 0.0000e+00 -2.8580e+00 -1.3519e+01 4.4008e+00

715 1597 0.0000e+00 0.0000e+00 0.0000e+00 -6.1265e-01 2.5075e+00 1.1810e+00  
1857 0.0000e+00 0.0000e+00 0.0000e+00 -1.0269e+00 3.6564e-01 1.2343e+00  
1858 0.0000e+00 0.0000e+00 0.0000e+00 -2.1750e-01 -2.8745e-01 2.8651e+00  
1598 0.0000e+00 0.0000e+00 0.0000e+00 -1.3274e+00 -6.0987e+00 2.8119e+00

716 1596 0.0000e+00 0.0000e+00 0.0000e+00 -7.1632e-01 -8.9247e-01 -8.5737e-01  
1856 0.0000e+00 0.0000e+00 0.0000e+00 -4.6847e-01 1.0497e+00 -8.6528e-01  
1857 0.0000e+00 0.0000e+00 0.0000e+00 -4.7102e-01 1.0489e+00 8.5413e-01  
1597 0.0000e+00 0.0000e+00 0.0000e+00 -7.2783e-01 -8.7762e-01 8.6204e-01

717 1595 0.0000e+00 0.0000e+00 0.0000e+00 -1.2860e+00 -6.1109e+00 -2.8171e+00  
1855 0.0000e+00 0.0000e+00 0.0000e+00 -2.0763e-01 -2.8299e-01 -2.8855e+00  
1856 0.0000e+00 0.0000e+00 0.0000e+00 -1.0203e+00 3.6782e-01 -1.2465e+00  
1596 0.0000e+00 0.0000e+00 0.0000e+00 -5.9493e-01 2.5081e+00 -1.1782e+00

718 1594 0.0000e+00 0.0000e+00 0.0000e+00 -2.7866e+00 -1.3503e+01 -4.4271e+00  
1854 0.0000e+00 0.0000e+00 0.0000e+00 -1.6148e+00 -4.7820e+00 -3.7518e+00  
1855 0.0000e+00 0.0000e+00 0.0000e+00 -2.2258e+00 -2.1688e+00 -2.7198e+00  
1595 0.0000e+00 0.0000e+00 0.0000e+00 -9.7505e-01 4.2307e+00 -3.3952e+00

719 30 0.0000e+00 0.0000e+00 0.0000e+00 -2.0387e+01 -2.5455e+01 -2.4279e+00  
85 0.0000e+00 0.0000e+00 0.0000e+00 6.6836e+00 -1.7288e+01 4.1837e-01  
1854 0.0000e+00 0.0000e+00 0.0000e+00 -6.0682e+00 -1.1627e+01 -3.8691e+00  
1594 0.0000e+00 0.0000e+00 0.0000e+00 -2.5755e+00 6.1861e+00 -6.7154e+00

720 1853 0.0000e+00 0.0000e+00 0.0000e+00 -1.3564e+01 -1.5795e+01 5.7612e+00  
957 0.0000e+00 0.0000e+00 0.0000e+00 -1.8028e+01 1.4929e+01 -6.3395e+00  
4 0.0000e+00 0.0000e+00 0.0000e+00 -3.9147e+01 -4.1608e+01 -2.5843e+00  
70 0.0000e+00 0.0000e+00 0.0000e+00 -1.3957e+01 -1.9333e+01 9.5163e+00

721 1852 0.0000e+00 0.0000e+00 0.0000e+00 -6.1611e+00 -4.7559e+00 1.8133e-01  
955 0.0000e+00 0.0000e+00 0.0000e+00 -8.6820e+00 1.0149e+01 -3.1933e+00  
957 0.0000e+00 0.0000e+00 0.0000e+00 -1.6182e+01 -2.1055e+01 -2.5233e+00  
1853 0.0000e+00 0.0000e+00 0.0000e+00 -4.6609e+00 -7.6575e+00 8.5130e-01

722 1851 0.0000e+00 0.0000e+00 0.0000e+00 -3.2698e+00 5.1486e-01 -3.8616e-01  
953 0.0000e+00 0.0000e+00 0.0000e+00 -6.0321e+00 6.2178e+00 -1.1930e+00  
955 0.0000e+00 0.0000e+00 0.0000e+00 -8.5004e+00 -8.0768e+00 -1.9031e+00  
1852 0.0000e+00 0.0000e+00 0.0000e+00 -2.2359e+00 -7.7615e-01 -1.0962e+00

723 1850 0.0000e+00 0.0000e+00 0.0000e+00 -2.1448e+00 1.7183e+00 4.7442e-01  
951 0.0000e+00 0.0000e+00 0.0000e+00 -6.0897e+00 4.9429e-01 4.8284e-01  
953 0.0000e+00 0.0000e+00 0.0000e+00 -6.0676e+00 5.6962e-01 -5.7578e-01  
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724 1849 0.0000e+00 0.0000e+00 0.0000e+00 -2.2416e+00 -8.3770e-01 9.6853e-01  
949 0.0000e+00 0.0000e+00 0.0000e+00 -8.5711e+00 -8.1973e+00 1.7924e+00  
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725 1848 0.0000e+00 0.0000e+00 0.0000e+00 -4.6812e+00 -7.7805e+00 -1.0182e+00  
947 0.0000e+00 0.0000e+00 0.0000e+00 -1.6308e+01 -2.1252e+01 2.3754e+00  
949 0.0000e+00 0.0000e+00 0.0000e+00 -8.7545e+00 1.0191e+01 3.0759e+00  
1849 0.0000e+00 0.0000e+00 0.0000e+00 -6.2015e+00 -4.8574e+00 -3.1772e-01

726 69 0.0000e+00 0.0000e+00 0.0000e+00 -1.3978e+01 -1.9506e+01 -9.7335e+00  
3 0.0000e+00 0.0000e+00 0.0000e+00 -3.9364e+01 -4.1926e+01 2.3920e+00  
947 0.0000e+00 0.0000e+00 0.0000e+00 -1.8159e+01 1.4973e+01 6.1843e+00  
1848 0.0000e+00 0.0000e+00 0.0000e+00 -1.3627e+01 -1.5980e+01 -5.9412e+00

727 1557 0.0000e+00 0.0000e+00 0.0000e+00 -2.5755e+00 6.1860e+00 6.7154e+00  
1847 0.0000e+00 0.0000e+00 0.0000e+00 -6.0681e+00 -1.1627e+01 3.8691e+00  
81 0.0000e+00 0.0000e+00 0.0000e+00 6.6835e+00 -1.7288e+01 -4.1829e-01  
26 0.0000e+00 0.0000e+00 0.0000e+00 -2.0387e+01 -2.5454e+01 2.4280e+00

728 1556 0.0000e+00 0.0000e+00 0.0000e+00 -9.7507e-01 4.2306e+00 3.3952e+00  
1846 0.0000e+00 0.0000e+00 0.0000e+00 -2.2258e+00 -2.1688e+00 2.7199e+00  
1847 0.0000e+00 0.0000e+00 0.0000e+00 -1.6148e+00 -4.7821e+00 3.7518e+00  
1557 0.0000e+00 0.0000e+00 0.0000e+00 -2.7866e+00 -1.3503e+01 4.4271e+00

729 1555 0.0000e+00 0.0000e+00 0.0000e+00 -5.9495e-01 2.5081e+00 1.1782e+00  
1845 0.0000e+00 0.0000e+00 0.0000e+00 -1.0203e+00 3.6774e-01 1.2466e+00  
1846 0.0000e+00 0.0000e+00 0.0000e+00 -2.0763e-01 -2.8307e-01 2.8855e+00  
1556 0.0000e+00 0.0000e+00 0.0000e+00 -1.2861e+00 -6.1109e+00 2.8171e+00

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1844 0.0000e+00 0.0000e+00 0.0000e+00 -4.7103e-01 1.0488e+00 -8.5406e-01

	1845	0.0000e+00	0.0000e+00	0.0000e+00	-4.6848e-01	1.0496e+00	8.6533e-01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	-7.1634e-01	-8.9251e-01	8.5742e-01
731	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.3274e+00	-6.0988e+00	-2.8118e+00
	1843	0.0000e+00	0.0000e+00	0.0000e+00	-2.1750e-01	-2.8755e-01	-2.8650e+00
	1844	0.0000e+00	0.0000e+00	0.0000e+00	-1.0269e+00	3.6555e-01	-1.2342e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-6.1268e-01	2.5074e+00	-1.1810e+00
732	1552	0.0000e+00	0.0000e+00	0.0000e+00	-2.8580e+00	-1.3519e+01	-4.4007e+00
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-1.6308e+00	-4.7978e+00	-3.7122e+00
	1843	0.0000e+00	0.0000e+00	0.0000e+00	-2.2434e+00	-2.1799e+00	-2.6960e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.0214e+00	4.2542e+00	-3.3844e+00
733	25	0.0000e+00	0.0000e+00	0.0000e+00	-2.0494e+01	-2.5531e+01	-2.3721e+00
	80	0.0000e+00	0.0000e+00	0.0000e+00	6.6678e+00	-1.7324e+01	4.8398e-01
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-6.0987e+00	-1.1662e+01	-3.8246e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-2.6499e+00	6.2388e+00	-6.6807e+00
734	1515	0.0000e+00	0.0000e+00	0.0000e+00	-2.0979e+00	1.5083e+01	-2.9428e+00
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-2.3100e+00	3.4978e+00	-1.5638e+00
	88	0.0000e+00	0.0000e+00	0.0000e+00	2.8110e+00	1.5000e+00	-1.9985e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	-4.7673e+00	-9.1073e+00	-3.3775e+00
735	1514	0.0000e+00	0.0000e+00	0.0000e+00	-3.0316e+00	1.6246e+01	-3.2121e+00
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-1.8483e+00	8.2413e+00	-2.2239e+00
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-8.4431e-02	7.2156e+00	-2.0420e+00
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-3.0387e+00	-1.1982e+00	-3.0302e+00
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	-3.5270e+00	1.5692e+01	-2.8512e+00
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-1.5512e+00	1.0723e+01	-2.2718e+00
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-4.2312e-01	1.0283e+01	-2.3151e+00
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-3.6250e+00	5.4110e+00	-2.8945e+00
737	1512	0.0000e+00	0.0000e+00	0.0000e+00	-3.5790e+00	1.3317e+01	-2.2665e+00
	1838	0.0000e+00	0.0000e+00	0.0000e+00	-1.1769e+00	1.1871e+01	-2.2096e+00
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-8.7884e-01	1.1727e+01	-2.3533e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-3.7760e+00	1.0604e+01	-2.4102e+00
738	1511	0.0000e+00	0.0000e+00	0.0000e+00	-3.2203e+00	9.3263e+00	-1.7997e+00
	1837	0.0000e+00	0.0000e+00	0.0000e+00	-7.0125e-01	1.1637e+01	-2.2425e+00
	1838	0.0000e+00	0.0000e+00	0.0000e+00	-1.2241e+00	1.1770e+01	-2.2757e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-3.4846e+00	1.4155e+01	-1.8329e+00
739	1510	0.0000e+00	0.0000e+00	0.0000e+00	-2.5644e+00	3.8668e+00	-1.7365e+00
	1836	0.0000e+00	0.0000e+00	0.0000e+00	-1.6671e-01	1.0013e+01	-2.6049e+00
	1837	0.0000e+00	0.0000e+00	0.0000e+00	-1.4719e+00	1.0441e+01	-2.3395e+00
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-2.8030e+00	1.5990e+01	-1.4711e+00
740	1509	0.0000e+00	0.0000e+00	0.0000e+00	-1.8520e+00	-2.9424e+00	-2.2834e+00
	1835	0.0000e+00	0.0000e+00	0.0000e+00	3.3596e-01	6.9596e+00	-3.4263e+00
	1836	0.0000e+00	0.0000e+00	0.0000e+00	-1.6812e+00	7.7446e+00	-2.7502e+00
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-1.8667e+00	1.6125e+01	-1.6073e+00
741	1508	0.0000e+00	0.0000e+00	0.0000e+00	-1.6428e+00	-1.1102e+01	-3.4806e+00
	1834	0.0000e+00	0.0000e+00	0.0000e+00	6.3168e-01	2.2849e+00	-4.5798e+00
	1835	0.0000e+00	0.0000e+00	0.0000e+00	-2.0142e+00	3.6115e+00	-3.5606e+00
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-9.5118e-01	1.4705e+01	-2.4614e+00
742	1507	0.0000e+00	0.0000e+00	0.0000e+00	-2.6962e+00	-2.1000e+01	-4.8614e+00
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-9.7092e-01	-5.3996e+00	-4.8906e+00
	1834	0.0000e+00	0.0000e+00	0.0000e+00	-3.0588e+00	-1.9833e+00	-4.1710e+00
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-6.6037e-01	1.1998e+01	-4.1417e+00
743	32	0.0000e+00	0.0000e+00	0.0000e+00	-2.2252e+01	-3.5476e+01	-2.5430e+00
	87	0.0000e+00	0.0000e+00	0.0000e+00	8.5297e+00	-2.1536e+01	6.4867e-02
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-7.1114e+00	-1.4883e+01	-4.9325e+00
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-1.9745e+00	1.0301e+01	-7.5404e+00
744	1446	0.0000e+00	0.0000e+00	0.0000e+00	-1.1075e+00	9.2754e+00	6.7017e+00
	1832	0.0000e+00	0.0000e+00	0.0000e+00	-6.8957e+00	-1.3547e+01	3.8478e+00
	87	0.0000e+00	0.0000e+00	0.0000e+00	8.4789e+00	-2.1464e+01	-1.2420e+00
	32	0.0000e+00	0.0000e+00	0.0000e+00	-2.2063e+01	-3.3875e+01	1.6118e+00
745	1445	0.0000e+00	0.0000e+00	0.0000e+00	-7.4943e-02	1.1111e+01	2.7685e+00
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-2.8684e+00	-1.6419e+00	2.9272e+00
	1832	0.0000e+00	0.0000e+00	0.0000e+00	-2.0448e-02	-4.1872e+00	4.0392e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-2.6125e+00	-1.9215e+01	3.8805e+00
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	-5.2373e-01	1.3241e+01	8.3014e-01



	1830	0.0000e+00	0.0000e+00	0.0000e+00	-1.9089e+00	3.8303e+00	1.7930e+00
	1831	0.0000e+00	0.0000e+00	0.0000e+00	8.0481e-01	2.9853e+00	3.0916e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-1.3545e+00	-9.0813e+00	2.1287e+00
747	1443	0.0000e+00	0.0000e+00	0.0000e+00	-1.3874e+00	1.3698e+01	-2.5508e-01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-1.4767e+00	7.5847e+00	5.8305e-01
	1830	0.0000e+00	0.0000e+00	0.0000e+00	3.2069e-01	7.1823e+00	1.5494e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-1.5458e+00	-9.0764e-01	7.1130e-01
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	-2.0277e+00	1.2177e+01	-7.6804e-01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-1.0882e+00	9.6569e+00	-3.3775e-01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-2.6467e-01	9.4917e+00	3.3717e-01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-2.0098e+00	5.5909e+00	-9.3130e-02
749	1441	0.0000e+00	0.0000e+00	0.0000e+00	-2.2583e+00	8.6108e+00	-1.0910e+00
	1827	0.0000e+00	0.0000e+00	0.0000e+00	-6.2826e-01	1.0067e+01	-1.1543e+00
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-8.2392e-01	1.0089e+01	-5.5634e-01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-2.1864e+00	1.0322e+01	-4.9306e-01
750	1440	0.0000e+00	0.0000e+00	0.0000e+00	-2.1747e+00	3.0419e+00	-1.6076e+00
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-1.1141e-01	8.7335e+00	-2.1113e+00
	1827	0.0000e+00	0.0000e+00	0.0000e+00	-1.3299e+00	8.9890e+00	-1.3643e+00
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-1.9410e+00	1.3153e+01	-8.6068e-01
751	1439	0.0000e+00	0.0000e+00	0.0000e+00	-2.2528e+00	-4.5358e+00	-2.5649e+00
	1825	0.0000e+00	0.0000e+00	0.0000e+00	3.5499e-01	5.4347e+00	-3.2804e+00
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-1.8795e+00	6.1087e+00	-2.2979e+00
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.4176e+00	1.4069e+01	-1.5824e+00
752	1438	0.0000e+00	0.0000e+00	0.0000e+00	-3.5027e+00	-1.4482e+01	-3.7977e+00
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-2.9191e-01	-8.5334e-01	-3.9315e+00
	1825	0.0000e+00	0.0000e+00	0.0000e+00	-2.8965e+00	1.3439e+00	-3.1016e+00
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.1598e+00	1.3275e+01	-2.9678e+00
753	31	0.0000e+00	0.0000e+00	0.0000e+00	-2.0650e+01	-2.9175e+01	-1.6202e+00
	86	0.0000e+00	0.0000e+00	0.0000e+00	7.2846e+00	-1.6410e+01	7.6356e-01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-6.6155e+00	-9.5316e+00	-3.7345e+00
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-2.0880e+00	1.2434e+01	-6.1182e+00
754	1823	0.0000e+00	0.0000e+00	0.0000e+00	-6.2273e+00	4.0727e+00	8.0206e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	-9.3835e+00	2.0903e+01	3.5286e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.4347e+01	-1.4672e+01	3.3261e+00
	77	0.0000e+00	0.0000e+00	0.0000e+00	-9.2500e+00	2.6140e+00	7.8182e+00
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	-3.4978e+00	9.4577e+00	5.7290e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	-5.2227e+00	2.0319e+01	4.7711e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	-8.9911e+00	-2.7829e+00	4.7358e+00
	1823	0.0000e+00	0.0000e+00	0.0000e+00	-1.4323e+00	8.1582e+00	5.6937e+00
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	-2.1479e+00	1.3508e+01	5.9043e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	-4.0289e+00	1.9003e+01	5.7817e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	-5.4101e+00	5.9931e+00	5.2952e+00
	1822	0.0000e+00	0.0000e+00	0.0000e+00	-9.8468e-01	1.2582e+01	5.4179e+00
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	-1.3674e+00	1.5222e+01	6.6839e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	-3.6801e+00	1.6163e+01	6.5975e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	-4.1857e+00	1.2403e+01	5.9066e+00
	1821	0.0000e+00	0.0000e+00	0.0000e+00	-1.0154e+00	1.4898e+01	5.9930e+00
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	-8.1205e-01	1.4940e+01	7.7286e+00
	684	0.0000e+00	0.0000e+00	0.0000e+00	-3.6929e+00	1.1546e+01	7.4644e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	-3.6069e+00	1.6727e+01	6.6555e+00
	1820	0.0000e+00	0.0000e+00	0.0000e+00	-1.3677e+00	1.5152e+01	6.9197e+00
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	-4.0370e-01	1.2655e+01	8.8578e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	-4.0691e+00	4.9569e+00	8.4252e+00
	684	0.0000e+00	0.0000e+00	0.0000e+00	-3.3565e+00	1.9171e+01	7.5556e+00
	1819	0.0000e+00	0.0000e+00	0.0000e+00	-1.8854e+00	1.3429e+01	7.9882e+00
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	-2.4480e-01	8.1733e+00	9.8368e+00
	680	0.0000e+00	0.0000e+00	0.0000e+00	-5.1312e+00	-3.9209e+00	9.4108e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	-3.4897e+00	1.9920e+01	8.6091e+00
	1818	0.0000e+00	0.0000e+00	0.0000e+00	-2.6436e+00	9.6302e+00	9.0350e+00
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	-7.6037e-01	9.5971e-01	1.0037e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-7.9141e+00	-1.5707e+01	1.0201e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-4.4057e+00	1.9250e+01	9.8307e+00
	1817	0.0000e+00	0.0000e+00	0.0000e+00	-3.9774e+00	3.4166e+00	9.6668e+00

762 1815 0.0000e+00 0.0000e+00 0.0000e+00 -3.9076e+00 -1.0651e+01 7.4242e+00  
676 0.0000e+00 0.0000e+00 0.0000e+00 -1.5414e+01 -3.1815e+01 1.0204e+01  
678 0.0000e+00 0.0000e+00 0.0000e+00 -7.3791e+00 1.7809e+01 1.1362e+01  
1816 0.0000e+00 0.0000e+00 0.0000e+00 -7.0006e+00 -5.9607e+00 8.5825e+00

763 76 0.0000e+00 0.0000e+00 0.0000e+00 -9.4200e+00 -3.1724e+01 -4.5968e+00  
10 0.0000e+00 0.0000e+00 0.0000e+00 -4.3500e+01 -5.6425e+01 7.2239e+00  
676 0.0000e+00 0.0000e+00 0.0000e+00 -1.6340e+01 1.8262e+01 1.4421e+01  
1815 0.0000e+00 0.0000e+00 0.0000e+00 -1.5565e+01 -2.2634e+01 2.6005e+00

764 1814 0.0000e+00 0.0000e+00 0.0000e+00 -1.4793e+01 -2.0537e+01 2.1487e+00  
576 0.0000e+00 0.0000e+00 0.0000e+00 -1.4527e+01 1.7857e+01 -9.8006e+00  
10 0.0000e+00 0.0000e+00 0.0000e+00 -4.3680e+01 -5.4422e+01 -3.0104e+00  
76 0.0000e+00 0.0000e+00 0.0000e+00 -9.0082e+00 -2.9917e+01 8.9389e+00

765 1813 0.0000e+00 0.0000e+00 0.0000e+00 -6.4457e+00 -4.3236e+00 -3.4852e+00  
574 0.0000e+00 0.0000e+00 0.0000e+00 -5.5681e+00 1.7269e+01 -5.9020e+00  
576 0.0000e+00 0.0000e+00 0.0000e+00 -1.4522e+01 -2.8925e+01 -5.3034e+00  
1814 0.0000e+00 0.0000e+00 0.0000e+00 -2.2177e+00 -8.5569e+00 -2.8867e+00

766 1812 0.0000e+00 0.0000e+00 0.0000e+00 -3.5770e+00 5.0195e+00 -3.4439e+00  
572 0.0000e+00 0.0000e+00 0.0000e+00 -2.9217e+00 1.8250e+01 -3.5674e+00  
574 0.0000e+00 0.0000e+00 0.0000e+00 -6.7000e+00 -1.2528e+01 -4.6616e+00  
1813 0.0000e+00 0.0000e+00 0.0000e+00 -4.0276e-02 2.9409e+00 -4.5381e+00

767 1811 0.0000e+00 0.0000e+00 0.0000e+00 -2.2266e+00 1.0814e+01 -1.6679e+00  
570 0.0000e+00 0.0000e+00 0.0000e+00 -2.1944e+00 1.7993e+01 -1.3900e+00  
572 0.0000e+00 0.0000e+00 0.0000e+00 -3.9401e+00 -8.1172e-01 -3.0272e+00  
1812 0.0000e+00 0.0000e+00 0.0000e+00 6.2570e-02 9.7166e+00 -3.3050e+00

768 1810 0.0000e+00 0.0000e+00 0.0000e+00 -1.3744e+00 1.3802e+01 5.8982e-01  
568 0.0000e+00 0.0000e+00 0.0000e+00 -2.2087e+00 1.5789e+01 8.0012e-01  
570 0.0000e+00 0.0000e+00 0.0000e+00 -2.8139e+00 7.6762e+00 -1.0039e+00  
1811 0.0000e+00 0.0000e+00 0.0000e+00 -3.5795e-01 1.3353e+01 -1.2142e+00

769 1809 0.0000e+00 0.0000e+00 0.0000e+00 -7.4825e-01 1.4221e+01 2.9206e+00  
566 0.0000e+00 0.0000e+00 0.0000e+00 -2.7247e+00 1.1294e+01 2.9705e+00  
568 0.0000e+00 0.0000e+00 0.0000e+00 -2.3730e+00 1.3567e+01 1.1615e+00  
1810 0.0000e+00 0.0000e+00 0.0000e+00 -1.0024e+00 1.4340e+01 1.1116e+00

770 1808 0.0000e+00 0.0000e+00 0.0000e+00 -3.3626e-01 1.1981e+01 5.0361e+00  
564 0.0000e+00 0.0000e+00 0.0000e+00 -3.9289e+00 4.1255e+00 5.0130e+00  
566 0.0000e+00 0.0000e+00 0.0000e+00 -2.4309e+00 1.7215e+01 3.3579e+00  
1809 0.0000e+00 0.0000e+00 0.0000e+00 -1.8795e+00 1.2745e+01 3.3810e+00

771 1807 0.0000e+00 0.0000e+00 0.0000e+00 -4.4212e-01 6.5828e+00 6.3350e+00  
562 0.0000e+00 0.0000e+00 0.0000e+00 -6.7483e+00 -6.3686e+00 6.6966e+00  
564 0.0000e+00 0.0000e+00 0.0000e+00 -3.2283e+00 1.8929e+01 5.5547e+00  
1808 0.0000e+00 0.0000e+00 0.0000e+00 -3.2550e+00 8.3130e+00 5.1931e+00

772 1806 0.0000e+00 0.0000e+00 0.0000e+00 -2.2841e+00 -3.3753e+00 4.9459e+00  
560 0.0000e+00 0.0000e+00 0.0000e+00 -1.4683e+01 -2.1626e+01 7.4783e+00  
562 0.0000e+00 0.0000e+00 0.0000e+00 -5.9192e+00 1.9385e+01 7.9294e+00  
1807 0.0000e+00 0.0000e+00 0.0000e+00 -6.0959e+00 2.1107e-01 5.3969e+00

773 75 0.0000e+00 0.0000e+00 0.0000e+00 -1.3576e+01 -2.1428e+01 -5.3488e+00  
9 0.0000e+00 0.0000e+00 0.0000e+00 -3.8837e+01 -4.5537e+01 6.6447e+00  
560 0.0000e+00 0.0000e+00 0.0000e+00 -1.5084e+01 2.0879e+01 1.1534e+01  
1806 0.0000e+00 0.0000e+00 0.0000e+00 -1.3875e+01 -1.3231e+01 -4.5978e-01

774 1805 0.0000e+00 0.0000e+00 0.0000e+00 -1.3853e+01 -1.2910e+01 7.7756e-01  
459 0.0000e+00 0.0000e+00 0.0000e+00 -1.4866e+01 2.1407e+01 -1.1193e+01  
8 0.0000e+00 0.0000e+00 0.0000e+00 -3.8664e+01 -4.5596e+01 -6.3969e+00  
74 0.0000e+00 0.0000e+00 0.0000e+00 -1.3464e+01 -2.1089e+01 5.5736e+00

775 1804 0.0000e+00 0.0000e+00 0.0000e+00 -6.0892e+00 7.2360e-01 -4.9569e+00  
457 0.0000e+00 0.0000e+00 0.0000e+00 -5.6536e+00 2.0176e+01 -7.4767e+00  
459 0.0000e+00 0.0000e+00 0.0000e+00 -1.4496e+01 -2.1627e+01 -7.1150e+00  
1805 0.0000e+00 0.0000e+00 0.0000e+00 -2.1744e+00 -2.9146e+00 -4.5951e+00

776 1803 0.0000e+00 0.0000e+00 0.0000e+00 -3.2552e+00 9.0701e+00 -4.6176e+00  
455 0.0000e+00 0.0000e+00 0.0000e+00 -2.9181e+00 2.0055e+01 -4.9555e+00  
457 0.0000e+00 0.0000e+00 0.0000e+00 -6.5260e+00 -6.2720e+00 -6.2054e+00  
1804 0.0000e+00 0.0000e+00 0.0000e+00 -3.0801e-01 7.2694e+00 -5.8675e+00

777 1802 0.0000e+00 0.0000e+00 0.0000e+00 -1.8899e+00 1.3807e+01 -2.6454e+00  
453 0.0000e+00 0.0000e+00 0.0000e+00 -2.0877e+00 1.8749e+01 -2.5827e+00  
455 0.0000e+00 0.0000e+00 0.0000e+00 -3.6776e+00 4.3679e+00 -4.3659e+00

1803 0.0000e+00 0.0000e+00 0.0000e+00 -1.7745e-01 1.2957e+01 -4.4286e+00

778 1801 0.0000e+00 0.0000e+00 0.0000e+00 -1.0272e+00 1.5771e+01 -1.9124e-01  
451 0.0000e+00 0.0000e+00 0.0000e+00 -2.0128e+00 1.5575e+01 -1.8361e-01  
453 0.0000e+00 0.0000e+00 0.0000e+00 -2.4573e+00 1.1744e+01 -2.1399e+00  
1802 0.0000e+00 0.0000e+00 0.0000e+00 -5.6778e-01 1.5549e+01 -2.1475e+00

779 1800 0.0000e+00 0.0000e+00 0.0000e+00 -4.0128e-01 1.5215e+01 2.3430e+00  
449 0.0000e+00 0.0000e+00 0.0000e+00 -2.4580e+00 1.0209e+01 2.2095e+00  
451 0.0000e+00 0.0000e+00 0.0000e+00 -1.9419e+00 1.6522e+01 2.3987e-01  
1801 0.0000e+00 0.0000e+00 0.0000e+00 -1.1785e+00 1.5544e+01 3.7342e-01

780 1799 0.0000e+00 0.0000e+00 0.0000e+00 -3.0943e-03 1.2060e+01 4.6640e+00  
447 0.0000e+00 0.0000e+00 0.0000e+00 -3.6190e+00 2.2698e+00 4.4839e+00  
449 0.0000e+00 0.0000e+00 0.0000e+00 -1.9485e+00 1.9092e+01 2.6644e+00  
1800 0.0000e+00 0.0000e+00 0.0000e+00 -2.0257e+00 1.3023e+01 2.8445e+00

781 1798 0.0000e+00 0.0000e+00 0.0000e+00 -1.4420e-01 5.7965e+00 6.1423e+00  
445 0.0000e+00 0.0000e+00 0.0000e+00 -6.4611e+00 -8.9075e+00 6.3931e+00  
447 0.0000e+00 0.0000e+00 0.0000e+00 -2.7267e+00 1.9797e+01 5.1023e+00  
1799 0.0000e+00 0.0000e+00 0.0000e+00 -3.3881e+00 7.7331e+00 4.8515e+00

782 1797 0.0000e+00 0.0000e+00 0.0000e+00 -2.2177e+00 -5.1262e+00 4.7644e+00  
443 0.0000e+00 0.0000e+00 0.0000e+00 -1.4582e+01 -2.4817e+01 7.3381e+00  
445 0.0000e+00 0.0000e+00 0.0000e+00 -5.4751e+00 1.9354e+01 7.7351e+00  
1798 0.0000e+00 0.0000e+00 0.0000e+00 -6.2911e+00 -1.1484e+00 5.1614e+00

783 73 0.0000e+00 0.0000e+00 0.0000e+00 -1.2107e+01 -2.5337e+01 -6.5226e+00  
7 0.0000e+00 0.0000e+00 0.0000e+00 -4.1681e+01 -4.9705e+01 5.9391e+00  
443 0.0000e+00 0.0000e+00 0.0000e+00 -1.4846e+01 2.0324e+01 1.1799e+01  
1797 0.0000e+00 0.0000e+00 0.0000e+00 -1.4573e+01 -1.6031e+01 -6.6235e-01

784 1371 0.0000e+00 0.0000e+00 0.0000e+00 -1.9637e+00 1.2640e+01 6.0056e+00  
1796 0.0000e+00 0.0000e+00 0.0000e+00 -6.6055e+00 -9.4479e+00 3.6284e+00  
85 0.0000e+00 0.0000e+00 0.0000e+00 7.3372e+00 -1.6335e+01 -8.3615e-01  
30 0.0000e+00 0.0000e+00 0.0000e+00 -2.0555e+01 -2.9291e+01 1.5411e+00

785 1370 0.0000e+00 0.0000e+00 0.0000e+00 -1.0205e+00 1.3661e+01 2.8044e+00  
1795 0.0000e+00 0.0000e+00 0.0000e+00 -2.8955e+00 1.5283e+00 2.9527e+00  
1796 0.0000e+00 0.0000e+00 0.0000e+00 -2.2846e-01 -6.9083e-01 3.8159e+00  
1371 0.0000e+00 0.0000e+00 0.0000e+00 -3.3975e+00 -1.4589e+01 3.6676e+00

786 1369 0.0000e+00 0.0000e+00 0.0000e+00 -1.2816e+00 1.4698e+01 1.3659e+00  
1794 0.0000e+00 0.0000e+00 0.0000e+00 -1.8917e+00 6.4317e+00 2.1126e+00  
1795 0.0000e+00 0.0000e+00 0.0000e+00 4.3144e-01 5.7305e+00 3.1249e+00  
1370 0.0000e+00 0.0000e+00 0.0000e+00 -2.1445e+00 -4.6060e+00 2.3782e+00

787 1368 0.0000e+00 0.0000e+00 0.0000e+00 -1.8374e+00 1.4083e+01 6.0223e-01  
1793 0.0000e+00 0.0000e+00 0.0000e+00 -1.3628e+00 9.4916e+00 1.1590e+00  
1794 0.0000e+00 0.0000e+00 0.0000e+00 -2.6655e-02 9.2050e+00 1.9228e+00  
1369 0.0000e+00 0.0000e+00 0.0000e+00 -2.0848e+00 3.0507e+00 1.3661e+00

788 1367 0.0000e+00 0.0000e+00 0.0000e+00 -2.1528e+00 1.1602e+01 2.2124e-01  
1792 0.0000e+00 0.0000e+00 0.0000e+00 -8.8533e-01 1.0810e+01 3.6270e-01  
1793 0.0000e+00 0.0000e+00 0.0000e+00 -5.4419e-01 1.0754e+01 9.5209e-01  
1368 0.0000e+00 0.0000e+00 0.0000e+00 -2.2173e+00 8.7566e+00 8.1062e-01

789 1366 0.0000e+00 0.0000e+00 0.0000e+00 -2.0876e+00 7.2407e+00 -1.4282e-01  
1791 0.0000e+00 0.0000e+00 0.0000e+00 -3.6085e-01 1.0463e+01 -4.7104e-01  
1792 0.0000e+00 0.0000e+00 0.0000e+00 -1.0178e+00 1.0594e+01 1.5642e-01  
1367 0.0000e+00 0.0000e+00 0.0000e+00 -2.0725e+00 1.2533e+01 4.8463e-01

790 1365 0.0000e+00 0.0000e+00 0.0000e+00 -1.7680e+00 1.0821e+00 -8.4228e-01  
1790 0.0000e+00 0.0000e+00 0.0000e+00 1.8888e-01 8.4203e+00 -1.5636e+00  
1791 0.0000e+00 0.0000e+00 0.0000e+00 -1.4351e+00 8.7868e+00 -6.9374e-01  
1366 0.0000e+00 0.0000e+00 0.0000e+00 -1.5545e+00 1.4346e+01 2.7582e-02

791 1364 0.0000e+00 0.0000e+00 0.0000e+00 -1.7206e+00 -6.8443e+00 -2.0760e+00  
1789 0.0000e+00 0.0000e+00 0.0000e+00 6.4546e-01 4.4879e+00 -2.9297e+00  
1790 0.0000e+00 0.0000e+00 0.0000e+00 -1.9086e+00 5.2900e+00 -1.7749e+00  
1365 0.0000e+00 0.0000e+00 0.0000e+00 -8.3601e-01 1.4260e+01 -9.2122e-01

792 1363 0.0000e+00 0.0000e+00 0.0000e+00 -3.0812e+00 -1.6888e+01 -3.5825e+00  
1788 0.0000e+00 0.0000e+00 0.0000e+00 -1.1487e-01 -2.4153e+00 -3.6957e+00  
1789 0.0000e+00 0.0000e+00 0.0000e+00 -2.9036e+00 2.5031e-02 -2.7470e+00  
1364 0.0000e+00 0.0000e+00 0.0000e+00 -5.1395e-01 1.2557e+01 -2.6337e+00

793 29 0.0000e+00 0.0000e+00 0.0000e+00 -2.1484e+01 -3.1576e+01 -1.2443e+00  
84 0.0000e+00 0.0000e+00 0.0000e+00 7.5028e+00 -1.9246e+01 1.5660e+00

	1788	0.0000e+00	0.0000e+00	0.0000e+00	-6.8627e+00	-1.1411e+01	-3.3854e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-1.6231e+00	1.1046e+01	-6.1957e+00
794	1296	0.0000e+00	0.0000e+00	0.0000e+00	-1.6232e+00	1.1046e+01	6.1957e+00
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-6.8627e+00	-1.1411e+01	3.3855e+00
	82	0.0000e+00	0.0000e+00	0.0000e+00	7.5028e+00	-1.9246e+01	-1.5660e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	-2.1484e+01	-3.1576e+01	1.2443e+00
795	1295	0.0000e+00	0.0000e+00	0.0000e+00	-5.1397e-01	1.2557e+01	2.6338e+00
	1786	0.0000e+00	0.0000e+00	0.0000e+00	-2.9036e+00	2.4925e-02	2.7470e+00
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-1.1487e-01	-2.4154e+00	3.6957e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-3.0812e+00	-1.6888e+01	3.5825e+00
796	1294	0.0000e+00	0.0000e+00	0.0000e+00	-8.3602e-01	1.4260e+01	9.2125e-01
	1785	0.0000e+00	0.0000e+00	0.0000e+00	-1.9086e+00	5.2899e+00	1.7749e+00
	1786	0.0000e+00	0.0000e+00	0.0000e+00	6.4546e-01	4.4878e+00	2.9297e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	-1.7206e+00	-6.8445e+00	2.0760e+00
797	1293	0.0000e+00	0.0000e+00	0.0000e+00	-1.5545e+00	1.4346e+01	-2.7541e-02
	1784	0.0000e+00	0.0000e+00	0.0000e+00	-1.4351e+00	8.7867e+00	6.9378e-01
	1785	0.0000e+00	0.0000e+00	0.0000e+00	1.8888e-01	8.4202e+00	1.5636e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	-1.7680e+00	1.0820e+00	8.4232e-01
798	1292	0.0000e+00	0.0000e+00	0.0000e+00	-2.0725e+00	1.2533e+01	-4.8458e-01
	1783	0.0000e+00	0.0000e+00	0.0000e+00	-1.0178e+00	1.0594e+01	-1.5636e-01
	1784	0.0000e+00	0.0000e+00	0.0000e+00	-3.6085e-01	1.0463e+01	4.7108e-01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	-2.0876e+00	7.2406e+00	1.4287e-01
799	1291	0.0000e+00	0.0000e+00	0.0000e+00	-2.2173e+00	8.7566e+00	-8.1056e-01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	-5.4420e-01	1.0754e+01	-9.5203e-01
	1783	0.0000e+00	0.0000e+00	0.0000e+00	-8.8532e-01	1.0810e+01	-3.6265e-01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-2.1529e+00	1.1602e+01	-2.2118e-01
800	1290	0.0000e+00	0.0000e+00	0.0000e+00	-2.0848e+00	3.0508e+00	-1.3660e+00
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-2.6662e-02	9.2050e+00	-1.9228e+00
	1782	0.0000e+00	0.0000e+00	0.0000e+00	-1.3627e+00	9.4916e+00	-1.1589e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-1.8375e+00	1.4083e+01	-6.0217e-01
801	1289	0.0000e+00	0.0000e+00	0.0000e+00	-2.1445e+00	-4.6059e+00	-2.3781e+00
	1780	0.0000e+00	0.0000e+00	0.0000e+00	4.3143e-01	5.7305e+00	-3.1248e+00
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-1.8917e+00	6.4318e+00	-2.1125e+00
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-1.2816e+00	1.4698e+01	-1.3658e+00
802	1288	0.0000e+00	0.0000e+00	0.0000e+00	-3.3975e+00	-1.4589e+01	-3.6675e+00
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-2.2845e-01	-6.9073e-01	-3.8158e+00
	1780	0.0000e+00	0.0000e+00	0.0000e+00	-2.8955e+00	1.5284e+00	-2.9527e+00
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-1.0205e+00	1.3661e+01	-2.8043e+00
803	26	0.0000e+00	0.0000e+00	0.0000e+00	-2.0555e+01	-2.9291e+01	-1.5410e+00
	81	0.0000e+00	0.0000e+00	0.0000e+00	7.3371e+00	-1.6335e+01	8.3622e-01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-6.6055e+00	-9.4477e+00	-3.6283e+00
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-1.9637e+00	1.2640e+01	-6.0055e+00
804	1778	0.0000e+00	0.0000e+00	0.0000e+00	-1.4574e+01	-1.6032e+01	6.6225e-01
	342	0.0000e+00	0.0000e+00	0.0000e+00	-1.4846e+01	2.0324e+01	-1.1799e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-4.1682e+01	-4.9706e+01	-5.9392e+00
	71	0.0000e+00	0.0000e+00	0.0000e+00	-1.2107e+01	-2.5337e+01	6.5226e+00
805	1777	0.0000e+00	0.0000e+00	0.0000e+00	-6.2911e+00	-1.1487e+00	-5.1615e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	-5.4752e+00	1.9354e+01	-7.7352e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	-1.4582e+01	-2.4817e+01	-7.3382e+00
	1778	0.0000e+00	0.0000e+00	0.0000e+00	-2.2177e+00	-5.1265e+00	-4.7645e+00
806	1776	0.0000e+00	0.0000e+00	0.0000e+00	-3.3881e+00	7.7329e+00	-4.8516e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-2.7267e+00	1.9797e+01	-5.1024e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	-6.4611e+00	-8.9079e+00	-6.3932e+00
	1777	0.0000e+00	0.0000e+00	0.0000e+00	-1.4418e-01	5.7963e+00	-6.1424e+00
807	1775	0.0000e+00	0.0000e+00	0.0000e+00	-2.0257e+00	1.3023e+01	-2.8446e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-1.9485e+00	1.9092e+01	-2.6646e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-3.6190e+00	2.2695e+00	-4.4841e+00
	1776	0.0000e+00	0.0000e+00	0.0000e+00	-3.0698e-03	1.2060e+01	-4.6641e+00
808	1774	0.0000e+00	0.0000e+00	0.0000e+00	-1.1786e+00	1.5545e+01	-3.7354e-01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-1.9418e+00	1.6522e+01	-2.3999e-01
	336	0.0000e+00	0.0000e+00	0.0000e+00	-2.4580e+00	1.0208e+01	-2.2096e+00
	1775	0.0000e+00	0.0000e+00	0.0000e+00	-4.0125e-01	1.5215e+01	-2.3432e+00
809	1773	0.0000e+00	0.0000e+00	0.0000e+00	-5.6779e-01	1.5550e+01	2.1474e+00

	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.4572e+00	1.1745e+01	2.1398e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-2.0127e+00	1.5575e+01	1.8349e-01
	1774	0.0000e+00	0.0000e+00	0.0000e+00	-1.0272e+00	1.5772e+01	1.9112e-01
810	1772	0.0000e+00	0.0000e+00	0.0000e+00	-1.7746e-01	1.2957e+01	4.4285e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	-3.6775e+00	4.3684e+00	4.3659e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.0876e+00	1.8749e+01	2.5827e+00
	1773	0.0000e+00	0.0000e+00	0.0000e+00	-1.8898e+00	1.3807e+01	2.6453e+00
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	-3.0801e-01	7.2699e+00	5.8675e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-6.5259e+00	-6.2713e+00	6.2054e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	-2.9180e+00	2.0055e+01	4.9554e+00
	1772	0.0000e+00	0.0000e+00	0.0000e+00	-3.2552e+00	9.0705e+00	4.6175e+00
812	1770	0.0000e+00	0.0000e+00	0.0000e+00	-2.1744e+00	-2.9139e+00	4.5952e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	-1.4496e+01	-2.1626e+01	7.1151e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-5.6535e+00	2.0176e+01	7.4768e+00
	1771	0.0000e+00	0.0000e+00	0.0000e+00	-6.0892e+00	7.2422e-01	4.9569e+00
813	70	0.0000e+00	0.0000e+00	0.0000e+00	-1.3464e+01	-2.1088e+01	-5.5736e+00
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.8664e+01	-4.5595e+01	6.3970e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	-1.4866e+01	2.1408e+01	1.1193e+01
	1770	0.0000e+00	0.0000e+00	0.0000e+00	-1.3853e+01	-1.2909e+01	-7.7752e-01
814	1769	0.0000e+00	0.0000e+00	0.0000e+00	-1.3875e+01	-1.3232e+01	4.5953e-01
	233	0.0000e+00	0.0000e+00	0.0000e+00	-1.5084e+01	2.0878e+01	-1.1534e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.8838e+01	-4.5539e+01	-6.6447e+00
	69	0.0000e+00	0.0000e+00	0.0000e+00	-1.3575e+01	-2.1430e+01	5.3488e+00
815	1768	0.0000e+00	0.0000e+00	0.0000e+00	-6.0961e+00	2.1017e-01	-5.3973e+00
	231	0.0000e+00	0.0000e+00	0.0000e+00	-5.9194e+00	1.9384e+01	-7.9297e+00
	233	0.0000e+00	0.0000e+00	0.0000e+00	-1.4684e+01	-2.1628e+01	-7.4786e+00
	1769	0.0000e+00	0.0000e+00	0.0000e+00	-2.2841e+00	-3.3763e+00	-4.9461e+00
816	1767	0.0000e+00	0.0000e+00	0.0000e+00	-3.2551e+00	8.3125e+00	-5.1935e+00
	229	0.0000e+00	0.0000e+00	0.0000e+00	-3.2283e+00	1.8929e+01	-5.5551e+00
	231	0.0000e+00	0.0000e+00	0.0000e+00	-6.7485e+00	-6.3697e+00	-6.6970e+00
	1768	0.0000e+00	0.0000e+00	0.0000e+00	-4.4209e-01	6.5821e+00	-6.3354e+00
817	1766	0.0000e+00	0.0000e+00	0.0000e+00	-1.8796e+00	1.2745e+01	-3.3814e+00
	227	0.0000e+00	0.0000e+00	0.0000e+00	-2.4309e+00	1.7215e+01	-3.3583e+00
	229	0.0000e+00	0.0000e+00	0.0000e+00	-3.9291e+00	4.1246e+00	-5.0134e+00
	1767	0.0000e+00	0.0000e+00	0.0000e+00	-3.3622e-01	1.1981e+01	-5.0365e+00
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	-1.0024e+00	1.4340e+01	-1.1120e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.3729e+00	1.3568e+01	-1.1619e+00
	227	0.0000e+00	0.0000e+00	0.0000e+00	-2.7247e+00	1.1293e+01	-2.9709e+00
	1766	0.0000e+00	0.0000e+00	0.0000e+00	-7.4819e-01	1.4221e+01	-2.9210e+00
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	-3.5798e-01	1.3353e+01	1.2138e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	-2.8138e+00	7.6768e+00	1.0035e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.2087e+00	1.5789e+01	-8.0051e-01
	1765	0.0000e+00	0.0000e+00	0.0000e+00	-1.3743e+00	1.3802e+01	-5.9021e-01
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	6.2555e-02	9.7170e+00	3.3048e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	-3.9398e+00	-8.1083e-01	3.0269e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	-2.1942e+00	1.7993e+01	1.3897e+00
	1764	0.0000e+00	0.0000e+00	0.0000e+00	-2.2265e+00	1.0814e+01	1.6676e+00
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	-4.0276e-02	2.9417e+00	4.5380e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	-6.6995e+00	-1.2526e+01	4.6615e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	-2.9215e+00	1.8250e+01	3.5671e+00
	1763	0.0000e+00	0.0000e+00	0.0000e+00	-3.5769e+00	5.0202e+00	3.4436e+00
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	-2.2177e+00	-8.5557e+00	2.8867e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	-1.4522e+01	-2.8923e+01	5.3034e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	-5.5678e+00	1.7269e+01	5.9018e+00
	1762	0.0000e+00	0.0000e+00	0.0000e+00	-6.4454e+00	-4.3225e+00	3.4851e+00
823	68	0.0000e+00	0.0000e+00	0.0000e+00	-9.0079e+00	-2.9915e+01	-8.9387e+00
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.3679e+01	-5.4419e+01	3.0105e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	-1.4527e+01	1.7857e+01	9.8007e+00
	1761	0.0000e+00	0.0000e+00	0.0000e+00	-1.4793e+01	-2.0536e+01	-2.1486e+00
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	-1.5564e+01	-2.2632e+01	-2.6005e+00
	117	0.0000e+00	0.0000e+00	0.0000e+00	-1.6340e+01	1.8262e+01	-1.4421e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.3499e+01	-5.6423e+01	-7.2240e+00
	68	0.0000e+00	0.0000e+00	0.0000e+00	-9.4196e+00	-3.1722e+01	4.5967e+00

825 1759 0.0000e+00 0.0000e+00 0.0000e+00 -7.0004e+00 -5.9594e+00 -8.5822e+00  
115 0.0000e+00 0.0000e+00 0.0000e+00 -7.3787e+00 1.7810e+01 -1.1362e+01  
117 0.0000e+00 0.0000e+00 0.0000e+00 -1.5413e+01 -3.1813e+01 -1.0204e+01  
1760 0.0000e+00 0.0000e+00 0.0000e+00 -3.9075e+00 -1.0649e+01 -7.4241e+00

826 1758 0.0000e+00 0.0000e+00 0.0000e+00 -3.9772e+00 3.4176e+00 -9.6663e+00  
113 0.0000e+00 0.0000e+00 0.0000e+00 -4.4054e+00 1.9250e+01 -9.8302e+00  
115 0.0000e+00 0.0000e+00 0.0000e+00 -7.9137e+00 -1.5706e+01 -1.0201e+01  
1759 0.0000e+00 0.0000e+00 0.0000e+00 -7.6032e-01 9.6078e-01 -1.0037e+01

827 1757 0.0000e+00 0.0000e+00 0.0000e+00 -2.6435e+00 9.6310e+00 -9.0345e+00  
111 0.0000e+00 0.0000e+00 0.0000e+00 -3.4896e+00 1.9921e+01 -8.6085e+00  
113 0.0000e+00 0.0000e+00 0.0000e+00 -5.1310e+00 -3.9198e+00 -9.4103e+00  
1758 0.0000e+00 0.0000e+00 0.0000e+00 -2.4478e-01 8.1741e+00 -9.8363e+00

828 1756 0.0000e+00 0.0000e+00 0.0000e+00 -1.8853e+00 1.3430e+01 -7.9876e+00  
109 0.0000e+00 0.0000e+00 0.0000e+00 -3.3564e+00 1.9171e+01 -7.5550e+00  
111 0.0000e+00 0.0000e+00 0.0000e+00 -4.0689e+00 4.9578e+00 -8.4246e+00  
1757 0.0000e+00 0.0000e+00 0.0000e+00 -4.0369e-01 1.2656e+01 -8.8573e+00

829 1755 0.0000e+00 0.0000e+00 0.0000e+00 -1.3677e+00 1.5153e+01 -6.9191e+00  
107 0.0000e+00 0.0000e+00 0.0000e+00 -3.6070e+00 1.6727e+01 -6.6549e+00  
109 0.0000e+00 0.0000e+00 0.0000e+00 -3.6928e+00 1.1546e+01 -7.4638e+00  
1756 0.0000e+00 0.0000e+00 0.0000e+00 -8.1207e-01 1.4941e+01 -7.7280e+00

830 1754 0.0000e+00 0.0000e+00 0.0000e+00 -1.0154e+00 1.4899e+01 -5.9924e+00  
105 0.0000e+00 0.0000e+00 0.0000e+00 -4.1859e+00 1.2403e+01 -5.9059e+00  
107 0.0000e+00 0.0000e+00 0.0000e+00 -3.6801e+00 1.6164e+01 -6.5969e+00  
1755 0.0000e+00 0.0000e+00 0.0000e+00 -1.3674e+00 1.5222e+01 -6.6833e+00

831 1753 0.0000e+00 0.0000e+00 0.0000e+00 -9.8473e-01 1.2582e+01 -5.4173e+00  
103 0.0000e+00 0.0000e+00 0.0000e+00 -5.4105e+00 5.9930e+00 -5.2946e+00  
105 0.0000e+00 0.0000e+00 0.0000e+00 -4.0291e+00 1.9003e+01 -5.7810e+00  
1754 0.0000e+00 0.0000e+00 0.0000e+00 -2.1480e+00 1.3508e+01 -5.9037e+00

832 1752 0.0000e+00 0.0000e+00 0.0000e+00 -1.4325e+00 8.1580e+00 -5.6933e+00  
101 0.0000e+00 0.0000e+00 0.0000e+00 -8.9918e+00 -2.7835e+00 -4.7353e+00  
103 0.0000e+00 0.0000e+00 0.0000e+00 -5.2230e+00 2.0320e+01 -4.7704e+00  
1753 0.0000e+00 0.0000e+00 0.0000e+00 -3.4980e+00 9.4577e+00 -5.7285e+00

833 67 0.0000e+00 0.0000e+00 0.0000e+00 -9.2513e+00 2.6120e+00 -7.8189e+00  
1 0.0000e+00 0.0000e+00 0.0000e+00 -1.4348e+01 -1.4673e+01 -3.3262e+00  
101 0.0000e+00 0.0000e+00 0.0000e+00 -9.3842e+00 2.0904e+01 -3.5279e+00  
1752 0.0000e+00 0.0000e+00 0.0000e+00 -6.2281e+00 4.0723e+00 -8.0207e+00

834 1221 0.0000e+00 0.0000e+00 0.0000e+00 -2.0880e+00 1.2433e+01 6.1183e+00  
1751 0.0000e+00 0.0000e+00 0.0000e+00 -6.6154e+00 -9.5319e+00 3.7346e+00  
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25 0.0000e+00 0.0000e+00 0.0000e+00 -2.0649e+01 -2.9175e+01 1.6203e+00

835 1220 0.0000e+00 0.0000e+00 0.0000e+00 -1.1598e+00 1.3275e+01 2.9679e+00  
1750 0.0000e+00 0.0000e+00 0.0000e+00 -2.8965e+00 1.3436e+00 3.1017e+00  
1751 0.0000e+00 0.0000e+00 0.0000e+00 -2.9190e-01 -8.5362e-01 3.9315e+00  
1221 0.0000e+00 0.0000e+00 0.0000e+00 -3.5028e+00 -1.4482e+01 3.7977e+00

836 1219 0.0000e+00 0.0000e+00 0.0000e+00 -1.4176e+00 1.4069e+01 1.5825e+00  
1749 0.0000e+00 0.0000e+00 0.0000e+00 -1.8795e+00 6.1084e+00 2.2980e+00  
1750 0.0000e+00 0.0000e+00 0.0000e+00 3.5500e-01 5.4344e+00 3.2805e+00  
1220 0.0000e+00 0.0000e+00 0.0000e+00 -2.2529e+00 -4.5361e+00 2.5650e+00

837 1218 0.0000e+00 0.0000e+00 0.0000e+00 -1.9410e+00 1.3153e+01 8.6087e-01  
1748 0.0000e+00 0.0000e+00 0.0000e+00 -1.3299e+00 8.9888e+00 1.3645e+00  
1749 0.0000e+00 0.0000e+00 0.0000e+00 -1.1139e-01 8.7333e+00 2.1114e+00  
1219 0.0000e+00 0.0000e+00 0.0000e+00 -2.1747e+00 3.0416e+00 1.6078e+00

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1747 0.0000e+00 0.0000e+00 0.0000e+00 -8.2393e-01 1.0089e+01 5.5656e-01  
1748 0.0000e+00 0.0000e+00 0.0000e+00 -6.2824e-01 1.0066e+01 1.1545e+00  
1218 0.0000e+00 0.0000e+00 0.0000e+00 -2.2583e+00 8.6105e+00 1.0912e+00

839 1216 0.0000e+00 0.0000e+00 0.0000e+00 -2.0097e+00 5.5910e+00 9.3370e-02  
1746 0.0000e+00 0.0000e+00 0.0000e+00 -2.6467e-01 9.4916e+00 -3.3693e-01  
1747 0.0000e+00 0.0000e+00 0.0000e+00 -1.0882e+00 9.6568e+00 3.3797e-01  
1217 0.0000e+00 0.0000e+00 0.0000e+00 -2.0277e+00 1.2177e+01 7.6827e-01

840 1215 0.0000e+00 0.0000e+00 0.0000e+00 -1.5457e+00 -9.0734e-01 -7.1105e-01  
1745 0.0000e+00 0.0000e+00 0.0000e+00 3.2068e-01 7.1823e+00 -1.5492e+00  
1746 0.0000e+00 0.0000e+00 0.0000e+00 -1.4767e+00 7.5847e+00 -5.8281e-01

1216 0.0000e+00 0.0000e+00 0.0000e+00 -1.3873e+00 1.3698e+01 2.5532e-01

841 1214 0.0000e+00 0.0000e+00 0.0000e+00 -1.3543e+00 -9.0807e+00 -2.1284e+00  
1744 0.0000e+00 0.0000e+00 0.0000e+00 8.0480e-01 2.9855e+00 -3.0913e+00  
1745 0.0000e+00 0.0000e+00 0.0000e+00 -1.9088e+00 3.8304e+00 -1.7928e+00  
1215 0.0000e+00 0.0000e+00 0.0000e+00 -5.2363e-01 1.3241e+01 -8.2989e-01

842 1213 0.0000e+00 0.0000e+00 0.0000e+00 -2.6123e+00 -1.9214e+01 -3.8803e+00  
1743 0.0000e+00 0.0000e+00 0.0000e+00 -2.0435e-02 -4.1867e+00 -4.0390e+00  
1744 0.0000e+00 0.0000e+00 0.0000e+00 -2.8682e+00 -1.6415e+00 -2.9269e+00  
1214 0.0000e+00 0.0000e+00 0.0000e+00 -7.4787e-02 1.1111e+01 -2.7682e+00

843 24 0.0000e+00 0.0000e+00 0.0000e+00 -2.2062e+01 -3.3874e+01 -1.6118e+00  
79 0.0000e+00 0.0000e+00 0.0000e+00 8.4787e+00 -2.1463e+01 1.2421e+00  
1743 0.0000e+00 0.0000e+00 0.0000e+00 -6.8954e+00 -1.3546e+01 -3.8476e+00  
1213 0.0000e+00 0.0000e+00 0.0000e+00 -1.1073e+00 9.2753e+00 -6.7015e+00

844 1152 0.0000e+00 0.0000e+00 0.0000e+00 -1.9743e+00 1.0301e+01 7.5402e+00  
1742 0.0000e+00 0.0000e+00 0.0000e+00 -7.1112e+00 -1.4882e+01 4.9324e+00  
79 0.0000e+00 0.0000e+00 0.0000e+00 8.5294e+00 -2.1535e+01 -6.4793e-02  
24 0.0000e+00 0.0000e+00 0.0000e+00 -2.2251e+01 -3.5475e+01 2.5430e+00

845 1151 0.0000e+00 0.0000e+00 0.0000e+00 -6.6020e-01 1.1997e+01 4.1415e+00  
1741 0.0000e+00 0.0000e+00 0.0000e+00 -3.0587e+00 -1.9830e+00 4.1708e+00  
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1152 0.0000e+00 0.0000e+00 0.0000e+00 -2.6960e+00 -2.0999e+01 4.8613e+00

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1740 0.0000e+00 0.0000e+00 0.0000e+00 -2.0141e+00 3.6116e+00 3.5605e+00  
1741 0.0000e+00 0.0000e+00 0.0000e+00 6.3169e-01 2.2851e+00 4.5797e+00  
1151 0.0000e+00 0.0000e+00 0.0000e+00 -1.6426e+00 -1.1101e+01 3.4804e+00

847 1149 0.0000e+00 0.0000e+00 0.0000e+00 -1.8666e+00 1.6125e+01 1.6071e+00  
1739 0.0000e+00 0.0000e+00 0.0000e+00 -1.6811e+00 7.7445e+00 2.7500e+00  
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1150 0.0000e+00 0.0000e+00 0.0000e+00 -1.8519e+00 -2.9422e+00 2.2832e+00

848 1148 0.0000e+00 0.0000e+00 0.0000e+00 -2.8029e+00 1.5990e+01 1.4709e+00  
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1149 0.0000e+00 0.0000e+00 0.0000e+00 -2.5642e+00 3.8668e+00 1.7364e+00

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1738 0.0000e+00 0.0000e+00 0.0000e+00 -7.0122e-01 1.1637e+01 2.2423e+00  
1148 0.0000e+00 0.0000e+00 0.0000e+00 -3.2202e+00 9.3262e+00 1.7995e+00

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1736 0.0000e+00 0.0000e+00 0.0000e+00 -8.7883e-01 1.1727e+01 2.3532e+00  
1737 0.0000e+00 0.0000e+00 0.0000e+00 -1.1769e+00 1.1871e+01 2.2095e+00  
1147 0.0000e+00 0.0000e+00 0.0000e+00 -3.5789e+00 1.3317e+01 2.2664e+00

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1735 0.0000e+00 0.0000e+00 0.0000e+00 -4.2312e-01 1.0283e+01 2.3150e+00  
1736 0.0000e+00 0.0000e+00 0.0000e+00 -1.5511e+00 1.0723e+01 2.2717e+00  
1146 0.0000e+00 0.0000e+00 0.0000e+00 -3.5269e+00 1.5692e+01 2.8511e+00

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1734 0.0000e+00 0.0000e+00 0.0000e+00 -8.4442e-02 7.2156e+00 2.0419e+00  
1735 0.0000e+00 0.0000e+00 0.0000e+00 -1.8483e+00 8.2412e+00 2.2238e+00  
1145 0.0000e+00 0.0000e+00 0.0000e+00 -3.0315e+00 1.6245e+01 3.2120e+00

853 23 0.0000e+00 0.0000e+00 0.0000e+00 -4.7672e+00 -9.1069e+00 3.3774e+00  
78 0.0000e+00 0.0000e+00 0.0000e+00 2.8110e+00 1.5001e+00 1.9985e+00  
1734 0.0000e+00 0.0000e+00 0.0000e+00 -2.3099e+00 3.4979e+00 1.5637e+00  
1144 0.0000e+00 0.0000e+00 0.0000e+00 -2.0978e+00 1.5083e+01 2.9427e+00

854 1733 0.0000e+00 0.0000e+00 0.0000e+00 -1.8812e+01 -7.0934e+00 -4.2642e+00  
90 0.0000e+00 0.0000e+00 0.0000e+00 -2.7610e+01 8.2039e+00 1.2821e+00  
12 0.0000e+00 0.0000e+00 0.0000e+00 -4.7145e+01 -1.7569e+01 2.8882e+00  
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855 1732 0.0000e+00 0.0000e+00 0.0000e+00 -4.2286e+00 -4.8171e+00 -4.5043e+00  
1733 0.0000e+00 0.0000e+00 0.0000e+00 -7.6058e+00 8.2559e-01 -3.7618e+00  
196 0.0000e+00 0.0000e+00 0.0000e+00 -2.7958e+01 -8.3963e+00 -2.7747e+00  
185 0.0000e+00 0.0000e+00 0.0000e+00 1.7656e+01 -4.6663e+00 -3.5172e+00

856 1731 0.0000e+00 0.0000e+00 0.0000e+00 4.9256e+00 -3.6494e+00 -4.6701e+00  
1732 0.0000e+00 0.0000e+00 0.0000e+00 3.1263e+00 6.7360e-01 -4.6311e+00

	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.3057e+01	-6.5731e+00	-3.7866e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	2.1190e+01	-3.8865e+00	-3.8257e+00
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	1.1504e+01	-2.7827e+00	-4.4654e+00
	1731	0.0000e+00	0.0000e+00	0.0000e+00	1.0369e+01	2.3494e-01	-4.6416e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.3608e+00	-5.2598e+00	-3.9734e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	2.2870e+01	-3.5369e+00	-3.7973e+00
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	1.5809e+01	-2.0958e+00	-4.1848e+00
	1730	0.0000e+00	0.0000e+00	0.0000e+00	1.5149e+01	-2.1699e-01	-4.4020e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	7.6849e+00	-4.4753e+00	-3.9185e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	2.2826e+01	-3.5333e+00	-3.7014e+00
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	1.8081e+01	-1.5140e+00	-3.9023e+00
	1729	0.0000e+00	0.0000e+00	0.0000e+00	1.7793e+01	-7.1341e-01	-4.1027e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	1.4501e+01	-4.0651e+00	-3.8552e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	2.0960e+01	-3.7442e+00	-3.6548e+00
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	1.8432e+01	-9.5705e-01	-3.5811e+00
	1728	0.0000e+00	0.0000e+00	0.0000e+00	1.8455e+01	-1.2407e+00	-3.7935e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	1.9343e+01	-3.8594e+00	-3.8683e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	1.7105e+01	-3.9980e+00	-3.6559e+00
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	1.6839e+01	-3.3780e-01	-3.0899e+00
	1727	0.0000e+00	0.0000e+00	0.0000e+00	1.7193e+01	-1.7604e+00	-3.4071e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	2.2281e+01	-3.6536e+00	-3.9309e+00
	119	0.0000e+00	0.0000e+00	0.0000e+00	1.1097e+01	-4.0611e+00	-3.6138e+00
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	1.2718e+01	4.3052e-01	-2.4895e+00
	1726	0.0000e+00	0.0000e+00	0.0000e+00	1.4011e+01	-2.2614e+00	-2.8208e+00
	119	0.0000e+00	0.0000e+00	0.0000e+00	2.3048e+01	-3.1776e+00	-3.8558e+00
	99	0.0000e+00	0.0000e+00	0.0000e+00	2.9976e+00	-3.8639e+00	-3.5245e+00
863	89	0.0000e+00	0.0000e+00	0.0000e+00	1.0924e-01	1.6500e+00	-4.9645e+00
	1725	0.0000e+00	0.0000e+00	0.0000e+00	8.6133e+00	-3.5138e+00	-2.4257e+00
	99	0.0000e+00	0.0000e+00	0.0000e+00	2.0869e+01	-2.0519e+00	-3.3606e+00
	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.9058e+00	-5.4041e+00	-5.8994e+00
864	773	0.0000e+00	0.0000e+00	0.0000e+00	1.2171e+01	-5.3838e+00	2.6582e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	-4.7144e+01	-1.7569e+01	-2.8880e+00
	96	0.0000e+00	0.0000e+00	0.0000e+00	-2.7610e+01	8.2038e+00	-1.2818e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-1.8812e+01	-7.0933e+00	4.2644e+00
865	763	0.0000e+00	0.0000e+00	0.0000e+00	1.7656e+01	-4.6664e+00	3.5175e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	-2.7958e+01	-8.3963e+00	2.7749e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-7.6060e+00	8.2557e-01	3.7620e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	-4.2288e+00	-4.8170e+00	4.5045e+00
866	753	0.0000e+00	0.0000e+00	0.0000e+00	2.1189e+01	-3.8865e+00	3.8261e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	-1.3057e+01	-6.5731e+00	3.7869e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	3.1260e+00	6.7358e-01	4.6314e+00
	1722	0.0000e+00	0.0000e+00	0.0000e+00	4.9252e+00	-3.6494e+00	4.6705e+00
867	743	0.0000e+00	0.0000e+00	0.0000e+00	2.2870e+01	-3.5369e+00	3.7977e+00
	753	0.0000e+00	0.0000e+00	0.0000e+00	-1.3610e+00	-5.2598e+00	3.9738e+00
	1722	0.0000e+00	0.0000e+00	0.0000e+00	1.0369e+01	2.3492e-01	4.6420e+00
	1721	0.0000e+00	0.0000e+00	0.0000e+00	1.1503e+01	-2.7826e+00	4.4658e+00
868	733	0.0000e+00	0.0000e+00	0.0000e+00	2.2825e+01	-3.5333e+00	3.7019e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	7.6846e+00	-4.4753e+00	3.9190e+00
	1721	0.0000e+00	0.0000e+00	0.0000e+00	1.5149e+01	-2.1700e-01	4.4024e+00
	1720	0.0000e+00	0.0000e+00	0.0000e+00	1.5809e+01	-2.0958e+00	4.1853e+00
869	723	0.0000e+00	0.0000e+00	0.0000e+00	2.0960e+01	-3.7441e+00	3.6554e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	1.4501e+01	-4.0651e+00	3.8557e+00
	1720	0.0000e+00	0.0000e+00	0.0000e+00	1.7793e+01	-7.1338e-01	4.1032e+00
	1719	0.0000e+00	0.0000e+00	0.0000e+00	1.8081e+01	-1.5140e+00	3.9028e+00
870	713	0.0000e+00	0.0000e+00	0.0000e+00	1.7105e+01	-3.9978e+00	3.6565e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	1.9342e+01	-3.8592e+00	3.8689e+00
	1719	0.0000e+00	0.0000e+00	0.0000e+00	1.8454e+01	-1.2406e+00	3.7940e+00
	1718	0.0000e+00	0.0000e+00	0.0000e+00	1.8431e+01	-9.5702e-01	3.5816e+00
871	703	0.0000e+00	0.0000e+00	0.0000e+00	1.1097e+01	-4.0608e+00	3.6144e+00
	713	0.0000e+00	0.0000e+00	0.0000e+00	2.2280e+01	-3.6534e+00	3.9315e+00
	1718	0.0000e+00	0.0000e+00	0.0000e+00	1.7193e+01	-1.7603e+00	3.4076e+00
	1717	0.0000e+00	0.0000e+00	0.0000e+00	1.6839e+01	-3.3777e-01	3.0905e+00
872	693	0.0000e+00	0.0000e+00	0.0000e+00	2.9981e+00	-3.8635e+00	3.5251e+00



	703	0.0000e+00	0.0000e+00	0.0000e+00	2.3047e+01	-3.1773e+00	3.8564e+00
	1717	0.0000e+00	0.0000e+00	0.0000e+00	1.4011e+01	-2.2612e+00	2.8214e+00
	1716	0.0000e+00	0.0000e+00	0.0000e+00	1.2718e+01	4.3059e-01	2.4900e+00
873	11	0.0000e+00	0.0000e+00	0.0000e+00	-6.9047e+00	-5.4026e+00	5.8995e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	2.0868e+01	-2.0515e+00	3.3612e+00
	1716	0.0000e+00	0.0000e+00	0.0000e+00	8.6137e+00	-3.5134e+00	2.4261e+00
	95	0.0000e+00	0.0000e+00	0.0000e+00	1.1045e-01	1.6498e+00	4.9644e+00
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	8.9140e+00	-1.9644e+00	-5.3175e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	-9.1401e-02	-8.3007e-01	-5.0415e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	3.5205e+00	6.4995e-01	-3.5556e+00
	1715	0.0000e+00	0.0000e+00	0.0000e+00	5.8740e+00	-1.0837e+00	-3.8316e+00
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	7.2047e+00	-3.6655e+00	-5.7552e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	4.8350e+00	-2.7499e+00	-5.1115e+00
	1715	0.0000e+00	0.0000e+00	0.0000e+00	6.6375e+00	-5.0406e-01	-4.3550e+00
	1714	0.0000e+00	0.0000e+00	0.0000e+00	6.7363e+00	-1.0486e+00	-4.9987e+00
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	2.2212e+00	-4.9666e+00	-5.9196e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	9.0429e+00	-3.7639e+00	-5.5462e+00
	1714	0.0000e+00	0.0000e+00	0.0000e+00	6.2436e+00	-1.5923e+00	-5.3225e+00
	1713	0.0000e+00	0.0000e+00	0.0000e+00	5.7944e+00	-8.2129e-01	-5.6959e+00
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	-5.9251e+00	-6.2450e+00	-5.7142e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	1.1714e+01	-4.5122e+00	-5.6328e+00
	1713	0.0000e+00	0.0000e+00	0.0000e+00	3.4744e+00	-2.5964e+00	-5.8504e+00
	1712	0.0000e+00	0.0000e+00	0.0000e+00	2.4828e+00	-4.4362e-01	-5.9317e+00
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	-1.7366e+01	-7.8355e+00	-5.0822e+00
	1476	0.0000e+00	0.0000e+00	0.0000e+00	1.2388e+01	-5.2158e+00	-5.3773e+00
	1712	0.0000e+00	0.0000e+00	0.0000e+00	-1.9406e+00	-3.7031e+00	-5.9463e+00
	1711	0.0000e+00	0.0000e+00	0.0000e+00	-3.6490e+00	1.4824e-02	-5.6512e+00
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	-3.2548e+01	-9.7892e+00	-3.6455e+00
	1466	0.0000e+00	0.0000e+00	0.0000e+00	1.0813e+01	-6.1776e+00	-4.6143e+00
	1711	0.0000e+00	0.0000e+00	0.0000e+00	-1.0350e+01	-5.0455e+00	-5.4270e+00
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-1.3393e+01	1.3474e-01	-4.4582e+00
880	22	0.0000e+00	0.0000e+00	0.0000e+00	-5.2850e+01	-1.8712e+01	1.1746e+00
	1456	0.0000e+00	0.0000e+00	0.0000e+00	7.5627e+00	-7.0756e+00	-3.0781e+00
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-2.4899e+01	-7.0027e+00	-5.3014e+00
	96	0.0000e+00	0.0000e+00	0.0000e+00	-2.9202e+01	8.9246e+00	-1.0486e+00
881	1709	0.0000e+00	0.0000e+00	0.0000e+00	5.8740e+00	-1.0837e+00	3.8317e+00
	91	0.0000e+00	0.0000e+00	0.0000e+00	3.5206e+00	6.4992e-01	3.5557e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	-9.1143e-02	-8.2998e-01	5.0415e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	8.9138e+00	-1.9643e+00	5.3175e+00
882	1708	0.0000e+00	0.0000e+00	0.0000e+00	6.7363e+00	-1.0486e+00	4.9987e+00
	1709	0.0000e+00	0.0000e+00	0.0000e+00	6.6374e+00	-5.0405e-01	4.3550e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	4.8351e+00	-2.7498e+00	5.1114e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	7.2046e+00	-3.6654e+00	5.7552e+00
883	1707	0.0000e+00	0.0000e+00	0.0000e+00	5.7944e+00	-8.2125e-01	5.6960e+00
	1708	0.0000e+00	0.0000e+00	0.0000e+00	6.2436e+00	-1.5922e+00	5.3225e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	9.0429e+00	-3.7637e+00	5.5462e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	2.2211e+00	-4.9665e+00	5.9197e+00
884	1706	0.0000e+00	0.0000e+00	0.0000e+00	2.4827e+00	-4.4359e-01	5.9319e+00
	1707	0.0000e+00	0.0000e+00	0.0000e+00	3.4743e+00	-2.5963e+00	5.8504e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	1.1713e+01	-4.5121e+00	5.6329e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	-5.9251e+00	-6.2448e+00	5.7143e+00
885	1705	0.0000e+00	0.0000e+00	0.0000e+00	-3.6489e+00	1.4840e-02	5.6514e+00
	1706	0.0000e+00	0.0000e+00	0.0000e+00	-1.9406e+00	-3.7031e+00	5.9464e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	1.2388e+01	-5.2157e+00	5.3774e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-1.7366e+01	-7.8354e+00	5.0824e+00
886	1704	0.0000e+00	0.0000e+00	0.0000e+00	-1.3393e+01	1.3473e-01	4.4584e+00
	1705	0.0000e+00	0.0000e+00	0.0000e+00	-1.0350e+01	-5.0454e+00	5.4272e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	1.0813e+01	-6.1775e+00	4.6146e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-3.2548e+01	-9.7891e+00	3.6458e+00
887	90	0.0000e+00	0.0000e+00	0.0000e+00	-2.9202e+01	8.9246e+00	1.0488e+00
	1704	0.0000e+00	0.0000e+00	0.0000e+00	-2.4899e+01	-7.0027e+00	5.3016e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	7.5626e+00	-7.0755e+00	3.0785e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	-5.2850e+01	-1.8712e+01	-1.1743e+00

888 33 0.0000e+00 0.0000e+00 0.0000e+00 -3.9084e+00 -1.3956e+00 -3.0020e+00  
88 0.0000e+00 0.0000e+00 0.0000e+00 1.8495e+00 2.2523e-01 -1.5885e+00  
94 0.0000e+00 0.0000e+00 0.0000e+00 -1.4308e+00 -9.8190e-01 -1.8824e+00  
97 0.0000e+00 0.0000e+00 0.0000e+00 2.1988e+00 1.2268e+00 -3.2959e+00

889 77 0.0000e+00 0.0000e+00 0.0000e+00 -9.9723e+00 2.2588e-01 -1.6970e-01  
11 0.0000e+00 0.0000e+00 0.0000e+00 -1.4494e+01 -8.3530e+00 5.1940e+00  
95 0.0000e+00 0.0000e+00 0.0000e+00 -7.3198e+00 3.9799e+00 3.8080e+00  
98 0.0000e+00 0.0000e+00 0.0000e+00 -6.4188e+00 -1.8269e+00 -1.5558e+00

890 91 0.0000e+00 0.0000e+00 0.0000e+00 2.1989e+00 1.2268e+00 3.2959e+00  
93 0.0000e+00 0.0000e+00 0.0000e+00 -1.4308e+00 -9.8189e-01 1.8824e+00  
78 0.0000e+00 0.0000e+00 0.0000e+00 1.8495e+00 2.2529e-01 1.5885e+00  
23 0.0000e+00 0.0000e+00 0.0000e+00 -3.9084e+00 -1.3955e+00 3.0020e+00

891 92 0.0000e+00 0.0000e+00 0.0000e+00 -6.4197e+00 -1.8275e+00 1.5561e+00  
89 0.0000e+00 0.0000e+00 0.0000e+00 -7.3214e+00 3.9804e+00 -3.8079e+00  
1 0.0000e+00 0.0000e+00 0.0000e+00 -1.4496e+01 -8.3548e+00 -5.1944e+00  
67 0.0000e+00 0.0000e+00 0.0000e+00 -9.9731e+00 2.2614e-01 1.6961e-01

892 1696 0.0000e+00 0.0000e+00 0.0000e+00 1.9716e+01 -1.0033e+01 -6.6772e-02  
1703 0.0000e+00 0.0000e+00 0.0000e+00 1.0644e+01 3.6172e+00 5.1661e+00  
29 0.0000e+00 0.0000e+00 0.0000e+00 1.5320e+01 -2.3220e+01 5.6830e+00  
1352 0.0000e+00 0.0000e+00 0.0000e+00 2.5584e+01 -1.0597e+01 4.5014e-01

893 1695 0.0000e+00 0.0000e+00 0.0000e+00 1.5253e+01 -3.6178e+00 -7.2144e-01  
1702 0.0000e+00 0.0000e+00 0.0000e+00 7.5571e+00 7.6343e+00 2.5896e+00  
1703 0.0000e+00 0.0000e+00 0.0000e+00 8.2227e+00 -1.4657e+01 4.1202e+00  
1696 0.0000e+00 0.0000e+00 0.0000e+00 2.1259e+01 -6.4434e+00 8.0915e-01

894 1694 0.0000e+00 0.0000e+00 0.0000e+00 1.2772e+01 1.5126e+00 -1.0692e+00  
1701 0.0000e+00 0.0000e+00 0.0000e+00 4.9410e+00 8.6506e+00 1.3471e+00  
1702 0.0000e+00 0.0000e+00 0.0000e+00 5.6863e+00 -6.1290e+00 2.3161e+00  
1695 0.0000e+00 0.0000e+00 0.0000e+00 1.6895e+01 -9.1454e-01 -1.0033e-01

895 1693 0.0000e+00 0.0000e+00 0.0000e+00 1.1717e+01 4.2664e+00 -5.5364e-01  
1700 0.0000e+00 0.0000e+00 0.0000e+00 3.1858e+00 7.5178e+00 7.1617e-01  
1701 0.0000e+00 0.0000e+00 0.0000e+00 3.7050e+00 7.0191e-01 1.1413e+00  
1694 0.0000e+00 0.0000e+00 0.0000e+00 1.3756e+01 3.1093e+00 -1.2850e-01

896 1692 0.0000e+00 0.0000e+00 0.0000e+00 1.2139e+01 4.3829e+00 2.9189e-01  
1699 0.0000e+00 0.0000e+00 0.0000e+00 2.6987e+00 4.2211e+00 2.3507e-01  
1700 0.0000e+00 0.0000e+00 0.0000e+00 2.8145e+00 5.4946e+00 5.4896e-01  
1693 0.0000e+00 0.0000e+00 0.0000e+00 1.1909e+01 4.7097e+00 6.0578e-01

897 1691 0.0000e+00 0.0000e+00 0.0000e+00 1.3793e+01 2.0043e+00 6.3911e-01  
1698 0.0000e+00 0.0000e+00 0.0000e+00 3.2480e+00 -1.2140e+00 -5.2243e-01  
1699 0.0000e+00 0.0000e+00 0.0000e+00 3.1898e+00 8.1894e+00 1.2884e-01  
1692 0.0000e+00 0.0000e+00 0.0000e+00 1.1511e+01 3.6781e+00 1.2904e+00

898 1690 0.0000e+00 0.0000e+00 0.0000e+00 1.6281e+01 -2.2440e+00 1.5330e-01  
1697 0.0000e+00 0.0000e+00 0.0000e+00 4.1037e+00 -8.5915e+00 -1.6719e+00  
1698 0.0000e+00 0.0000e+00 0.0000e+00 4.3531e+00 8.8427e+00 -5.5334e-01  
1691 0.0000e+00 0.0000e+00 0.0000e+00 1.2354e+01 2.7450e-01 1.2719e+00

899 1647 0.0000e+00 0.0000e+00 0.0000e+00 2.0689e+01 -6.7563e+00 2.9337e-02  
28 0.0000e+00 0.0000e+00 0.0000e+00 5.2228e+00 -1.7124e+01 -2.8939e+00  
1697 0.0000e+00 0.0000e+00 0.0000e+00 5.5904e+00 7.2931e+00 -1.8693e+00  
1690 0.0000e+00 0.0000e+00 0.0000e+00 1.4432e+01 -5.1089e+00 1.0539e+00

900 1689 0.0000e+00 0.0000e+00 0.0000e+00 2.8112e+01 -1.0185e+01 -7.2759e-01  
1696 0.0000e+00 0.0000e+00 0.0000e+00 2.3483e+01 -9.2895e+00 6.1410e-01  
1352 0.0000e+00 0.0000e+00 0.0000e+00 2.5019e+01 -1.0600e+01 1.7854e+00  
1341 0.0000e+00 0.0000e+00 0.0000e+00 2.9279e+01 -1.2030e+01 4.4366e-01

901 1688 0.0000e+00 0.0000e+00 0.0000e+00 2.4427e+01 -3.8968e+00 -2.8873e+00  
1695 0.0000e+00 0.0000e+00 0.0000e+00 2.0069e+01 -3.9595e+00 -3.6625e-04  
1696 0.0000e+00 0.0000e+00 0.0000e+00 2.3022e+01 -5.7336e+00 1.2017e+00  
1689 0.0000e+00 0.0000e+00 0.0000e+00 2.7290e+01 -8.1828e+00 -1.6852e+00

902 1687 0.0000e+00 0.0000e+00 0.0000e+00 2.0763e+01 2.3921e+00 -2.9923e+00  
1694 0.0000e+00 0.0000e+00 0.0000e+00 1.6926e+01 1.5026e+00 -4.3932e-01  
1695 0.0000e+00 0.0000e+00 0.0000e+00 1.9157e+01 -5.2308e-02 -9.7065e-02  
1688 0.0000e+00 0.0000e+00 0.0000e+00 2.3676e+01 -1.6213e+00 -2.6501e+00

903 1686 0.0000e+00 0.0000e+00 0.0000e+00 1.8866e+01 5.8779e+00 -1.2713e+00  
1693 0.0000e+00 0.0000e+00 0.0000e+00 1.5051e+01 4.7813e+00 2.0063e-02  
1694 0.0000e+00 0.0000e+00 0.0000e+00 1.6193e+01 3.9839e+00 -5.0905e-01

	1687	0.0000e+00	0.0000e+00	0.0000e+00	2.0326e+01	3.9378e+00	-1.8004e+00
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	1.9161e+01	5.5420e+00	9.1451e-01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	1.4928e+01	5.1975e+00	6.6217e-01
	1693	0.0000e+00	0.0000e+00	0.0000e+00	1.4872e+01	5.3703e+00	4.4944e-02
	1686	0.0000e+00	0.0000e+00	0.0000e+00	1.8709e+01	6.2512e+00	2.9729e-01
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	2.1266e+01	1.8078e+00	2.0929e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.6416e+01	2.9042e+00	5.5724e-01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	1.5310e+01	3.8677e+00	6.7535e-01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	1.9278e+01	4.7296e+00	2.2110e+00
906	1683	0.0000e+00	0.0000e+00	0.0000e+00	2.3929e+01	-3.4689e+00	1.6057e+00
	1690	0.0000e+00	0.0000e+00	0.0000e+00	1.8950e+01	-1.2946e+00	-4.5609e-01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.7024e+01	-2.4648e-02	5.2960e-01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	2.1700e+01	1.9282e-01	2.5914e+00
907	1639	0.0000e+00	0.0000e+00	0.0000e+00	2.5783e+01	-6.9655e+00	4.7609e-01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	2.0467e+01	-6.0635e+00	-7.2730e-01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	1.9108e+01	-4.7264e+00	-1.4930e-02
	1683	0.0000e+00	0.0000e+00	0.0000e+00	2.4717e+01	-5.2387e+00	1.1885e+00
908	1682	0.0000e+00	0.0000e+00	0.0000e+00	2.8159e+01	-1.3881e+01	-3.8046e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	2.9583e+01	-1.0956e+01	-2.1832e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	3.0654e+01	-1.2830e+01	1.3536e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	3.0355e+01	-1.6926e+01	-2.6783e-01
909	1681	0.0000e+00	0.0000e+00	0.0000e+00	2.3266e+01	-4.5792e+00	-7.5598e+00
	1688	0.0000e+00	0.0000e+00	0.0000e+00	2.5519e+01	-4.2812e+00	-3.8200e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	2.8232e+01	-8.5646e+00	-2.3866e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	2.8088e+01	-1.1112e+01	-6.1264e+00
910	1680	0.0000e+00	0.0000e+00	0.0000e+00	1.8840e+01	4.6470e+00	-6.4680e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	2.1250e+01	2.6797e+00	-3.0938e+00
	1688	0.0000e+00	0.0000e+00	0.0000e+00	2.3804e+01	-1.3440e+00	-4.1652e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	2.3084e+01	-1.1843e+00	-7.5394e+00
911	1679	0.0000e+00	0.0000e+00	0.0000e+00	1.6805e+01	9.5919e+00	-2.2046e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	1.8827e+01	6.6703e+00	-6.4178e-01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	2.0112e+01	4.6664e+00	-3.2619e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	1.8669e+01	6.9467e+00	-4.8248e+00
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	1.7688e+01	8.7799e+00	2.7000e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	1.8997e+01	6.4065e+00	2.0586e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	1.8657e+01	7.0011e+00	-6.5654e-01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	1.6736e+01	1.0018e+01	-1.5152e-02
913	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.1078e+01	2.8420e+00	5.8613e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	2.1476e+01	2.3216e+00	3.3654e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	1.9790e+01	5.0638e+00	1.9697e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	1.7736e+01	7.3142e+00	4.4657e+00
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.5289e+01	-5.2589e+00	5.4657e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	2.5035e+01	-3.5092e+00	2.3572e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	2.2859e+01	-6.7248e-02	3.1225e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.1201e+01	1.6296e-01	6.2311e+00
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.7348e+01	-1.0174e+01	1.3708e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	2.7213e+01	-7.3218e+00	-1.1718e-01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	2.6142e+01	-5.6506e+00	2.3188e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.5421e+01	-7.6345e+00	3.8068e+00
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.9821e+01	-2.1370e+01	-8.3184e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	2.8657e+01	-1.6416e+01	-5.6184e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	3.0097e+01	-1.9362e+01	8.6760e-01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	2.3821e+01	-2.7285e+01	-1.8324e+00
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	1.3098e+01	-4.8023e+00	-1.3838e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	2.2653e+01	-5.6279e+00	-8.5006e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	2.6086e+01	-1.2190e+01	-6.9358e+00
	1675	0.0000e+00	0.0000e+00	0.0000e+00	2.0420e+01	-1.6122e+01	-1.2274e+01
918	1673	0.0000e+00	0.0000e+00	0.0000e+00	8.2794e+00	9.4025e+00	-1.0493e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	1.6902e+01	5.1408e+00	-6.3690e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	2.0071e+01	-9.5098e-01	-9.3424e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	1.3419e+01	6.9025e-01	-1.3466e+01
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	6.5430e+00	1.6290e+01	-2.9478e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	1.4061e+01	1.0840e+01	-1.3241e+00

	1680	0.0000e+00	0.0000e+00	0.0000e+00	1.5505e+01	7.9733e+00	-6.4807e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	8.3708e+00	1.2760e+01	-8.1044e+00
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	7.8057e+00	1.4819e+01	5.1389e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	1.4657e+01	9.9766e+00	4.1648e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	1.3957e+01	1.1198e+01	-1.0681e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	6.5430e+00	1.6745e+01	-9.4025e-02
921	1670	0.0000e+00	0.0000e+00	0.0000e+00	1.2112e+01	5.4433e+00	1.0905e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	1.8270e+01	3.3567e+00	7.5056e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	1.5801e+01	7.8900e+00	4.1848e+00
	1671	0.0000e+00	0.0000e+00	0.0000e+00	7.7303e+00	1.2396e+01	7.5846e+00
922	1669	0.0000e+00	0.0000e+00	0.0000e+00	1.8253e+01	-8.6532e+00	1.0901e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.3436e+01	-5.9025e+00	6.2744e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.0511e+01	-5.5238e-01	6.9337e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	1.1857e+01	8.8940e-01	1.1560e+01
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	2.1181e+01	-1.8085e+01	2.8262e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.7025e+01	-1.1999e+01	4.6727e-01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.5681e+01	-9.5473e+00	5.3581e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	1.7772e+01	-1.3170e+01	7.7170e+00
924	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.2059e+00	-3.3653e+01	-1.5735e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.9439e+01	-2.6202e+01	-1.0969e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	2.1781e+01	-3.2191e+01	-1.0921e-01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	6.0548e+00	-4.6301e+01	-4.8750e+00
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	-8.3108e+00	-2.3983e+00	-2.1360e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	9.9005e+00	-5.9163e+00	-1.4261e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.4505e+01	-1.8151e+01	-1.3926e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	1.3896e+00	-2.2333e+01	-2.1026e+01
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	-1.0305e+01	1.7276e+01	-1.3355e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	3.3361e+00	1.0827e+01	-9.9210e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	6.8666e+00	7.0829e-01	-1.5737e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-6.9163e+00	5.8058e+00	-1.9171e+01
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	-1.0233e+01	2.5685e+01	-2.9626e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	1.0822e+00	1.8292e+01	-2.0269e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	2.3405e+00	1.4051e+01	-9.5739e+00
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-9.6066e+00	2.1641e+01	-1.0510e+01
928	1664	0.0000e+00	0.0000e+00	0.0000e+00	-9.4282e+00	2.3761e+01	7.3203e+00
	1671	0.0000e+00	0.0000e+00	0.0000e+00	1.9747e+00	1.6334e+01	6.5378e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	1.1018e+00	1.8600e+01	-9.9546e-01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	-1.0132e+01	2.6128e+01	-2.1298e-01
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	-6.8100e+00	1.1010e+01	1.6030e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	5.9483e+00	5.7957e+00	1.2990e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.9270e+00	1.3823e+01	7.0561e+00
	1664	0.0000e+00	0.0000e+00	0.0000e+00	-9.9137e+00	2.0389e+01	1.0096e+01
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	6.3579e-01	-1.3123e+01	1.8664e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	1.2709e+01	-1.0147e+01	1.2398e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	8.6838e+00	1.4134e-01	1.1937e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-7.9637e+00	4.0317e+00	1.8203e+01
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	4.5175e+00	-3.3787e+01	5.3317e+00
	1623	0.0000e+00	0.0000e+00	0.0000e+00	1.9114e+01	-2.2144e+01	1.2628e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	1.7082e+01	-1.7133e+01	1.0084e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-1.6491e+00	-2.3004e+01	1.4153e+01
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	-4.7127e+01	-5.1436e+01	-2.6728e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-2.4390e+00	-4.1652e+01	-1.9087e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	1.1079e+00	-5.5636e+01	-2.2617e+00
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-3.5279e+01	-7.9254e+01	-9.9028e+00
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	-4.0235e+01	3.6930e+00	-2.2594e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-1.5911e+01	-7.4520e-01	-1.9336e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.2697e+01	-2.5734e+01	-2.5281e+01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-3.6885e+01	-1.8370e+01	-2.8539e+01
934	1659	0.0000e+00	0.0000e+00	0.0000e+00	-3.1935e+01	2.7040e+01	-1.0439e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-1.8191e+01	2.0540e+01	-1.1937e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-1.6487e+01	5.2856e+00	-2.0384e+01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-3.6656e+01	1.5555e+01	-1.8886e+01
935	1658	0.0000e+00	0.0000e+00	0.0000e+00	-2.7897e+01	3.5176e+01	-1.5461e+00

	1665	0.0000e+00	0.0000e+00	0.0000e+00	-1.7193e+01	2.8337e+01	-2.6115e+00
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-1.7216e+01	2.2859e+01	-1.0267e+01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	-3.0021e+01	3.1220e+01	-9.2019e+00
936	1657	0.0000e+00	0.0000e+00	0.0000e+00	-2.8833e+01	3.3214e+01	6.8064e+00
	1664	0.0000e+00	0.0000e+00	0.0000e+00	-1.6760e+01	2.5236e+01	7.2744e+00
	1665	0.0000e+00	0.0000e+00	0.0000e+00	-1.6989e+01	2.8539e+01	-2.6074e-01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-2.7661e+01	3.5521e+01	-7.2870e-01
937	1656	0.0000e+00	0.0000e+00	0.0000e+00	-3.4124e+01	2.0521e+01	1.6080e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-1.5710e+01	1.0854e+01	1.7172e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	-1.7375e+01	2.3431e+01	9.0490e+00
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-3.0257e+01	2.9891e+01	7.9562e+00
938	1655	0.0000e+00	0.0000e+00	0.0000e+00	-3.4152e+01	-8.7293e+00	2.5320e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-1.2254e+01	-1.5893e+01	2.2421e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-1.5082e+01	5.7164e+00	1.6539e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-3.7165e+01	1.0230e+01	1.9438e+01
939	1607	0.0000e+00	0.0000e+00	0.0000e+00	-3.3220e+01	-6.2208e+01	9.2958e+00
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.3431e-01	-4.1878e+01	2.8196e+00
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-3.0875e+00	-2.9867e+01	1.7227e+01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-4.3316e+01	-3.8139e+01	2.3703e+01
940	945	0.0000e+00	0.0000e+00	0.0000e+00	-1.0810e+02	2.3114e+00	1.6544e+00
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-7.7260e+01	-5.1731e+01	-1.5059e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-1.8124e+01	-1.0194e+02	-1.2353e+01
	18	0.0000e+00	0.0000e+00	0.0000e+00	-2.0091e+02	-1.6136e+02	4.3610e+00
941	944	0.0000e+00	0.0000e+00	0.0000e+00	-6.5351e+01	1.5901e+01	5.6955e-01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-5.4906e+01	1.3682e+01	-1.7356e+01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-6.9934e+01	-2.7525e+01	-2.2768e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	-8.6439e+01	-1.9000e+01	-4.8424e+00
942	943	0.0000e+00	0.0000e+00	0.0000e+00	-4.4668e+01	3.3660e+01	7.1213e-01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	-3.9540e+01	3.1240e+01	-8.8303e+00
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-4.6921e+01	1.3923e+01	-1.2645e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	-5.6513e+01	1.9076e+01	-3.1025e+00
943	942	0.0000e+00	0.0000e+00	0.0000e+00	-3.6920e+01	3.9666e+01	8.9715e-01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-3.3067e+01	3.7297e+01	-2.4572e+00
	1659	0.0000e+00	0.0000e+00	0.0000e+00	-3.5891e+01	3.1765e+01	-5.2880e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	-4.0855e+01	3.5015e+01	-1.9336e+00
944	941	0.0000e+00	0.0000e+00	0.0000e+00	-3.9052e+01	3.7011e+01	1.4387e+00
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-3.4434e+01	3.3964e+01	3.5317e+00
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-3.2711e+01	3.7415e+01	7.7064e-01
	942	0.0000e+00	0.0000e+00	0.0000e+00	-3.6558e+01	3.9850e+01	-1.3224e+00
945	940	0.0000e+00	0.0000e+00	0.0000e+00	-5.2121e+01	2.3965e+01	2.4727e+00
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-4.3500e+01	1.9250e+01	1.0547e+01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-3.7300e+01	3.3699e+01	6.9737e+00
	941	0.0000e+00	0.0000e+00	0.0000e+00	-4.2053e+01	3.6078e+01	-1.1007e+00
946	939	0.0000e+00	0.0000e+00	0.0000e+00	-7.8536e+01	-9.0607e+00	4.0001e+00
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-6.3991e+01	-1.6783e+01	2.0001e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-5.0465e+01	1.9292e+01	1.5037e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-5.9823e+01	2.1425e+01	-9.6410e-01
947	17	0.0000e+00	0.0000e+00	0.0000e+00	-1.8223e+02	-1.3593e+02	-4.4279e+00
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-1.7557e+01	-8.2425e+01	1.1071e+01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-7.0583e+01	-3.8262e+01	1.3381e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-9.7982e+01	1.0653e+01	-2.1173e+00
948	1646	0.0000e+00	0.0000e+00	0.0000e+00	1.4432e+01	-5.1089e+00	-1.0540e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	5.5904e+00	7.2931e+00	1.8693e+00
	28	0.0000e+00	0.0000e+00	0.0000e+00	5.2227e+00	-1.7124e+01	2.8939e+00
	1647	0.0000e+00	0.0000e+00	0.0000e+00	2.0689e+01	-6.7563e+00	-2.9394e-02
949	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.2354e+01	2.7446e-01	-1.2719e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	4.3530e+00	8.8427e+00	5.5333e-01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	4.1037e+00	-8.5916e+00	1.6719e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	1.6281e+01	-2.2441e+00	-1.5331e-01
950	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.1511e+01	3.6781e+00	-1.2904e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	3.1898e+00	8.1894e+00	-1.2884e-01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	3.2480e+00	-1.2140e+00	5.2243e-01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.3793e+01	2.0043e+00	-6.3911e-01

951	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.1909e+01	4.7097e+00	-6.0578e-01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	2.8144e+00	5.4947e+00	-5.4895e-01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	2.6987e+00	4.2211e+00	-2.3507e-01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.2139e+01	4.3829e+00	-2.9189e-01
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	1.3756e+01	3.1093e+00	1.2851e-01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	3.7049e+00	7.0193e-01	-1.1413e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	3.1857e+00	7.5177e+00	-7.1616e-01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.1717e+01	4.2663e+00	5.5364e-01
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.6895e+01	-9.1452e-01	1.0034e-01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	5.6862e+00	-6.1289e+00	-2.3160e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	4.9410e+00	8.6506e+00	-1.3471e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	1.2772e+01	1.5126e+00	1.0693e+00
954	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.1259e+01	-6.4434e+00	-8.0915e-01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	8.2227e+00	-1.4657e+01	-4.1202e+00
	1649	0.0000e+00	0.0000e+00	0.0000e+00	7.5571e+00	7.6343e+00	-2.5896e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.5253e+01	-3.6178e+00	7.2145e-01
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.5584e+01	-1.0597e+01	-4.5018e-01
	27	0.0000e+00	0.0000e+00	0.0000e+00	1.5320e+01	-2.3220e+01	-5.6830e+00
	1648	0.0000e+00	0.0000e+00	0.0000e+00	1.0644e+01	3.6172e+00	-5.1660e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.9716e+01	-1.0032e+01	6.6772e-02
956	1638	0.0000e+00	0.0000e+00	0.0000e+00	2.4717e+01	-5.2387e+00	-1.1885e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	1.9108e+01	-4.7264e+00	1.4907e-02
	1647	0.0000e+00	0.0000e+00	0.0000e+00	2.0467e+01	-6.0635e+00	7.2726e-01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	2.5783e+01	-6.9655e+00	-4.7612e-01
957	1637	0.0000e+00	0.0000e+00	0.0000e+00	2.1700e+01	1.9278e-01	-2.5914e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.7024e+01	-2.4694e-02	-5.2960e-01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	1.8950e+01	-1.2946e+00	4.5608e-01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	2.3929e+01	-3.4690e+00	-1.6057e+00
958	1636	0.0000e+00	0.0000e+00	0.0000e+00	1.9278e+01	4.7296e+00	-2.2110e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.5310e+01	3.8677e+00	-6.7535e-01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.6416e+01	2.9041e+00	-5.5724e-01
	1637	0.0000e+00	0.0000e+00	0.0000e+00	2.1266e+01	1.8077e+00	-2.0929e+00
959	1635	0.0000e+00	0.0000e+00	0.0000e+00	1.8709e+01	6.2512e+00	-2.9729e-01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.4872e+01	5.3703e+00	-4.4941e-02
	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.4928e+01	5.1975e+00	-6.6217e-01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	1.9161e+01	5.5420e+00	-9.1452e-01
960	1634	0.0000e+00	0.0000e+00	0.0000e+00	2.0326e+01	3.9378e+00	1.8004e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	1.6193e+01	3.9839e+00	5.0906e-01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.5051e+01	4.7813e+00	-2.0057e-02
	1635	0.0000e+00	0.0000e+00	0.0000e+00	1.8866e+01	5.8779e+00	1.2713e+00
961	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.3676e+01	-1.6213e+00	2.6501e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.9157e+01	-5.2290e-02	9.7073e-02
	1642	0.0000e+00	0.0000e+00	0.0000e+00	1.6926e+01	1.5026e+00	4.3933e-01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	2.0763e+01	2.3921e+00	2.9923e+00
962	1632	0.0000e+00	0.0000e+00	0.0000e+00	2.7290e+01	-8.1828e+00	1.6852e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.3021e+01	-5.7336e+00	-1.2017e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	2.0069e+01	-3.9595e+00	3.7382e-04
	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.4426e+01	-3.8968e+00	2.8873e+00
963	1276	0.0000e+00	0.0000e+00	0.0000e+00	2.9279e+01	-1.2030e+01	-4.4367e-01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.5019e+01	-1.0600e+01	-1.7854e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.3483e+01	-9.2895e+00	-6.1412e-01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	2.8112e+01	-1.0185e+01	7.2759e-01
964	1630	0.0000e+00	0.0000e+00	0.0000e+00	2.5421e+01	-7.6346e+00	-3.8068e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	2.6142e+01	-5.6507e+00	-2.3188e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	2.7213e+01	-7.3218e+00	1.1716e-01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.7348e+01	-1.0174e+01	-1.3708e+00
965	1629	0.0000e+00	0.0000e+00	0.0000e+00	2.1201e+01	1.6293e-01	-6.2311e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	2.2859e+01	-6.7282e-02	-3.1225e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	2.5035e+01	-3.5092e+00	-2.3572e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	2.5289e+01	-5.2589e+00	-5.4657e+00
966	1628	0.0000e+00	0.0000e+00	0.0000e+00	1.7736e+01	7.3142e+00	-4.4657e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	1.9790e+01	5.0638e+00	-1.9697e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	2.1476e+01	2.3216e+00	-3.3654e+00

	1629	0.0000e+00	0.0000e+00	0.0000e+00	2.1078e+01	2.8420e+00	-5.8614e+00
967	1627	0.0000e+00	0.0000e+00	0.0000e+00	1.6736e+01	1.0018e+01	1.5138e-02
	1635	0.0000e+00	0.0000e+00	0.0000e+00	1.8657e+01	7.0011e+00	6.5653e-01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	1.8997e+01	6.4065e+00	-2.0587e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	1.7688e+01	8.7799e+00	-2.7000e+00
968	1626	0.0000e+00	0.0000e+00	0.0000e+00	1.8669e+01	6.9467e+00	4.8248e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	2.0112e+01	4.6665e+00	3.2619e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	1.8827e+01	6.6703e+00	6.4177e-01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	1.6805e+01	9.5919e+00	2.2046e+00
969	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.3084e+01	-1.1843e+00	7.5394e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.3804e+01	-1.3440e+00	4.1652e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	2.1250e+01	2.6797e+00	3.0938e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	1.8840e+01	4.6470e+00	6.4680e+00
970	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.8088e+01	-1.1112e+01	6.1264e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	2.8232e+01	-8.5646e+00	2.3866e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.5519e+01	-4.2812e+00	3.8200e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.3266e+01	-4.5792e+00	7.5598e+00
971	1265	0.0000e+00	0.0000e+00	0.0000e+00	3.0355e+01	-1.6926e+01	2.6785e-01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	3.0654e+01	-1.2830e+01	-1.3536e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	2.9583e+01	-1.0956e+01	2.1832e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.8159e+01	-1.3881e+01	3.8046e+00
972	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.7772e+01	-1.3170e+01	-7.7170e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	2.5681e+01	-9.5473e+00	-5.3581e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.7025e+01	-1.1999e+01	-4.6727e-01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	2.1181e+01	-1.8085e+01	-2.8262e+00
973	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.1857e+01	8.8935e-01	-1.1560e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	2.0511e+01	-5.5242e-01	-6.9337e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	2.3436e+01	-5.9025e+00	-6.2744e+00
	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.8253e+01	-8.6533e+00	-1.0901e+01
974	1620	0.0000e+00	0.0000e+00	0.0000e+00	7.7303e+00	1.2396e+01	-7.5846e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	1.5801e+01	7.8900e+00	-4.1848e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	1.8270e+01	3.3567e+00	-7.5056e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.2112e+01	5.4432e+00	-1.0906e+01
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	6.5430e+00	1.6745e+01	9.4000e-02
	1627	0.0000e+00	0.0000e+00	0.0000e+00	1.3957e+01	1.1198e+01	1.0681e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	1.4657e+01	9.9765e+00	-4.1648e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	7.8058e+00	1.4819e+01	-5.1389e+00
976	1618	0.0000e+00	0.0000e+00	0.0000e+00	8.3709e+00	1.2760e+01	8.1044e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	1.5505e+01	7.9733e+00	6.4807e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	1.4061e+01	1.0840e+01	1.3241e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	6.5430e+00	1.6290e+01	2.9478e+00
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	1.3419e+01	6.9029e-01	1.3466e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.0071e+01	-9.5095e-01	9.3424e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	1.6902e+01	5.1408e+00	6.3690e+00
	1618	0.0000e+00	0.0000e+00	0.0000e+00	8.2794e+00	9.4025e+00	1.0493e+01
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	2.0420e+01	-1.6122e+01	1.2274e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.6086e+01	-1.2189e+01	6.9358e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.2653e+01	-5.6279e+00	8.5006e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	1.3098e+01	-4.8022e+00	1.3838e+01
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	2.3821e+01	-2.7285e+01	1.8324e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	3.0097e+01	-1.9362e+01	-8.6759e-01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.8657e+01	-1.6416e+01	5.6184e+00
	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.9821e+01	-2.1370e+01	8.3184e+00
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	-1.6491e+00	-2.3004e+01	-1.4153e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.7082e+01	-1.7134e+01	-1.0084e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	1.9114e+01	-2.2144e+01	-1.2627e+00
	1615	0.0000e+00	0.0000e+00	0.0000e+00	4.5175e+00	-3.3787e+01	-5.3317e+00
981	1613	0.0000e+00	0.0000e+00	0.0000e+00	-7.9637e+00	4.0317e+00	-1.8203e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	8.6838e+00	1.4129e-01	-1.1937e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.2709e+01	-1.0147e+01	-1.2398e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	6.3582e-01	-1.3123e+01	-1.8664e+01
982	1612	0.0000e+00	0.0000e+00	0.0000e+00	-9.9137e+00	2.0389e+01	-1.0096e+01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	2.9270e+00	1.3823e+01	-7.0561e+00

	1621	0.0000e+00	0.0000e+00	0.0000e+00	5.9484e+00	5.7957e+00	-1.2990e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-6.8100e+00	1.1010e+01	-1.6030e+01
983	1611	0.0000e+00	0.0000e+00	0.0000e+00	-1.0132e+01	2.6128e+01	2.1295e-01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.1018e+00	1.8600e+01	9.9544e-01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.9747e+00	1.6334e+01	-6.5379e+00
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-9.4282e+00	2.3761e+01	-7.3203e+00
984	1610	0.0000e+00	0.0000e+00	0.0000e+00	-9.6066e+00	2.1641e+01	1.0510e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.3405e+00	1.4051e+01	9.5738e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.0822e+00	1.8292e+01	2.0269e+00
	1611	0.0000e+00	0.0000e+00	0.0000e+00	-1.0233e+01	2.5685e+01	2.9626e+00
985	1609	0.0000e+00	0.0000e+00	0.0000e+00	-6.9162e+00	5.8058e+00	1.9171e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	6.8666e+00	7.0833e-01	1.5737e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	3.3361e+00	1.0827e+01	9.9209e+00
	1610	0.0000e+00	0.0000e+00	0.0000e+00	-1.0305e+01	1.7276e+01	1.3355e+01
986	1608	0.0000e+00	0.0000e+00	0.0000e+00	1.3896e+00	-2.2333e+01	2.1026e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.4505e+01	-1.8151e+01	1.3926e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	9.9004e+00	-5.9162e+00	1.4261e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-8.3108e+00	-2.3982e+00	2.1360e+01
987	1243	0.0000e+00	0.0000e+00	0.0000e+00	6.0549e+00	-4.6301e+01	4.8751e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	2.1781e+01	-3.2191e+01	1.0924e-01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.9439e+01	-2.6202e+01	1.0970e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-1.2059e+00	-3.3653e+01	1.5735e+01
988	1606	0.0000e+00	0.0000e+00	0.0000e+00	-4.3315e+01	-3.8139e+01	-2.3703e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-3.0874e+00	-2.9867e+01	-1.7227e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.3428e-01	-4.1878e+01	-2.8196e+00
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-3.3220e+01	-6.2208e+01	-9.2957e+00
989	1605	0.0000e+00	0.0000e+00	0.0000e+00	-3.7165e+01	1.0230e+01	-1.9438e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-1.5082e+01	5.7163e+00	-1.6539e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-1.2254e+01	-1.5893e+01	-2.2421e+01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-3.4152e+01	-8.7294e+00	-2.5320e+01
990	1604	0.0000e+00	0.0000e+00	0.0000e+00	-3.0257e+01	2.9891e+01	-7.9562e+00
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-1.7375e+01	2.3431e+01	-9.0490e+00
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-1.5710e+01	1.0854e+01	-1.7172e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	-3.4124e+01	2.0521e+01	-1.6080e+01
991	1603	0.0000e+00	0.0000e+00	0.0000e+00	-2.7661e+01	3.5521e+01	7.2868e-01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	-1.6989e+01	2.8539e+01	2.6071e-01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-1.6760e+01	2.5236e+01	-7.2744e+00
	1604	0.0000e+00	0.0000e+00	0.0000e+00	-2.8833e+01	3.3214e+01	-6.8065e+00
992	1602	0.0000e+00	0.0000e+00	0.0000e+00	-3.0021e+01	3.1220e+01	9.2019e+00
	1610	0.0000e+00	0.0000e+00	0.0000e+00	-1.7216e+01	2.2859e+01	1.0267e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	-1.7193e+01	2.8337e+01	2.6115e+00
	1603	0.0000e+00	0.0000e+00	0.0000e+00	-2.7897e+01	3.5176e+01	1.5461e+00
993	1601	0.0000e+00	0.0000e+00	0.0000e+00	-3.6656e+01	1.5555e+01	1.8886e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-1.6487e+01	5.2857e+00	2.0384e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	-1.8191e+01	2.0540e+01	1.1937e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-3.1935e+01	2.7040e+01	1.0439e+01
994	1600	0.0000e+00	0.0000e+00	0.0000e+00	-3.6885e+01	-1.8369e+01	2.8539e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-1.2697e+01	-2.5734e+01	2.5281e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-1.5911e+01	-7.4514e-01	1.9336e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-4.0235e+01	3.6931e+00	2.2594e+01
995	1232	0.0000e+00	0.0000e+00	0.0000e+00	-3.5279e+01	-7.9254e+01	9.9029e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	1.1079e+00	-5.5636e+01	2.2618e+00
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-2.4391e+00	-4.1652e+01	1.9087e+01
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-4.7127e+01	-5.1436e+01	2.6728e+01
996	868	0.0000e+00	0.0000e+00	0.0000e+00	-9.7982e+01	1.0653e+01	2.1173e+00
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-7.0583e+01	-3.8262e+01	-1.3381e+01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-1.7557e+01	-8.2425e+01	-1.1071e+01
	17	0.0000e+00	0.0000e+00	0.0000e+00	-1.8223e+02	-1.3593e+02	4.4280e+00
997	867	0.0000e+00	0.0000e+00	0.0000e+00	-5.9823e+01	2.1425e+01	9.6410e-01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	-5.0465e+01	1.9292e+01	-1.5037e+01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-6.3991e+01	-1.6783e+01	-2.0001e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	-7.8536e+01	-9.0608e+00	-4.0001e+00
998	866	0.0000e+00	0.0000e+00	0.0000e+00	-4.2053e+01	3.6078e+01	1.1007e+00



	1604	0.0000e+00	0.0000e+00	0.0000e+00	-3.7300e+01	3.3699e+01	-6.9738e+00
	1605	0.0000e+00	0.0000e+00	0.0000e+00	-4.3500e+01	1.9250e+01	-1.0547e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	-5.2121e+01	2.3965e+01	-2.4727e+00
999	865	0.0000e+00	0.0000e+00	0.0000e+00	-3.6558e+01	3.9850e+01	1.3224e+00
	1603	0.0000e+00	0.0000e+00	0.0000e+00	-3.2711e+01	3.7415e+01	-7.7066e-01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	-3.4434e+01	3.3964e+01	-3.5317e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	-3.9052e+01	3.7011e+01	-1.4387e+00
1000	864	0.0000e+00	0.0000e+00	0.0000e+00	-4.0855e+01	3.5015e+01	1.9336e+00
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-3.5891e+01	3.1765e+01	5.2880e+00
	1603	0.0000e+00	0.0000e+00	0.0000e+00	-3.3067e+01	3.7297e+01	2.4572e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	-3.6920e+01	3.9666e+01	-8.9715e-01
1001	863	0.0000e+00	0.0000e+00	0.0000e+00	-5.6513e+01	1.9076e+01	3.1025e+00
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-4.6921e+01	1.3923e+01	1.2645e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-3.9540e+01	3.1240e+01	8.8303e+00
	864	0.0000e+00	0.0000e+00	0.0000e+00	-4.4668e+01	3.3660e+01	-7.1212e-01
1002	862	0.0000e+00	0.0000e+00	0.0000e+00	-8.6439e+01	-1.8999e+01	4.8424e+00
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-6.9934e+01	-2.7525e+01	2.2768e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-5.4906e+01	1.3682e+01	1.7356e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-6.5351e+01	1.5901e+01	-5.6954e-01
1003	16	0.0000e+00	0.0000e+00	0.0000e+00	-2.0091e+02	-1.6136e+02	-4.3608e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-1.8125e+01	-1.0194e+02	1.2353e+01
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-7.7260e+01	-5.1731e+01	1.5059e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-1.0810e+02	2.3114e+00	-1.6544e+00
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	2.1231e+01	-9.0081e+00	1.1247e+00
	1599	0.0000e+00	0.0000e+00	0.0000e+00	1.0191e+01	1.1359e+00	5.2305e+00
	31	0.0000e+00	0.0000e+00	0.0000e+00	1.4735e+01	-1.8660e+01	5.3663e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	2.4251e+01	-8.8109e+00	1.2605e+00
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	1.8488e+01	-5.3761e+00	7.3663e-01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	8.6902e+00	2.9633e+00	2.7178e+00
	1599	0.0000e+00	0.0000e+00	0.0000e+00	8.8108e+00	-1.2188e+01	4.1181e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	2.2017e+01	-6.8893e+00	2.1369e+00
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	1.7661e+01	-2.8252e+00	4.0643e-02
	1597	0.0000e+00	0.0000e+00	0.0000e+00	7.8703e+00	1.9322e+00	1.0006e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	7.9661e+00	-5.8534e+00	2.3481e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	1.9334e+01	-4.0220e+00	1.3881e+00
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	1.8004e+01	-2.4242e+00	-6.0047e-01
	1596	0.0000e+00	0.0000e+00	0.0000e+00	7.6403e+00	-1.0587e+00	-6.1943e-01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	7.6181e+00	-1.0538e+00	6.3904e-01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	1.7991e+01	-2.4210e+00	6.5801e-01
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	1.9377e+01	-4.0453e+00	-1.3438e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	8.0534e+00	-5.8606e+00	-2.3401e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	7.9134e+00	1.9188e+00	-9.8293e-01
	1590	0.0000e+00	0.0000e+00	0.0000e+00	1.7682e+01	-2.8435e+00	1.3343e-02
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	2.2083e+01	-6.9261e+00	-2.1243e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	8.9604e+00	-1.2175e+01	-4.1359e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	8.7967e+00	2.9227e+00	-2.7153e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	1.8541e+01	-5.4105e+00	-7.0367e-01
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	2.4349e+01	-8.8538e+00	-1.3033e+00
	30	0.0000e+00	0.0000e+00	0.0000e+00	1.4916e+01	-1.8597e+01	-5.4280e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	1.0355e+01	1.0685e+00	-5.2545e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	2.1312e+01	-9.0513e+00	-1.1298e+00
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	2.9171e+01	-8.7137e+00	1.4212e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	2.4443e+01	-7.7939e+00	1.7359e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	2.4749e+01	-8.9224e+00	2.3550e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	2.9444e+01	-9.3471e+00	2.0403e+00
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	2.7643e+01	-5.6734e+00	1.8343e-02
	1592	0.0000e+00	0.0000e+00	0.0000e+00	2.2961e+01	-5.3314e+00	1.4206e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	2.4373e+01	-6.3892e+00	2.3027e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	2.8815e+01	-7.9625e+00	9.0042e-01
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	2.6162e+01	-3.0076e+00	-4.5758e-01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	2.1819e+01	-2.8085e+00	5.9586e-01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	2.2663e+01	-3.4908e+00	1.2995e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	2.7258e+01	-4.8197e+00	2.4610e-01

1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	2.6027e+01	-2.6738e+00	-2.2080e-01
	1590	0.0000e+00	0.0000e+00	0.0000e+00	2.1671e+01	-2.1121e+00	-2.2644e-01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	2.1663e+01	-2.0971e+00	2.9217e-01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	2.6025e+01	-2.6615e+00	2.9781e-01
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	2.7261e+01	-4.8701e+00	-1.8243e-01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	2.2693e+01	-3.5330e+00	-1.2466e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	2.1834e+01	-2.8217e+00	-5.3279e-01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	2.6160e+01	-3.0346e+00	5.3142e-01
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	2.8819e+01	-8.0456e+00	-8.6793e-01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	2.4423e+01	-6.4521e+00	-2.2798e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	2.2999e+01	-5.3684e+00	-1.3762e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	2.7642e+01	-5.7369e+00	3.5663e-02
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	2.9451e+01	-9.4487e+00	-2.0544e+00
	1362	0.0000e+00	0.0000e+00	0.0000e+00	2.4814e+01	-8.9997e+00	-2.3772e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	2.4500e+01	-7.8459e+00	-1.7274e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	2.9170e+01	-8.8079e+00	-1.4046e+00
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	2.8953e+01	-1.1193e+01	1.4936e-02
	1587	0.0000e+00	0.0000e+00	0.0000e+00	3.0493e+01	-9.2191e+00	6.4213e-01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	3.0481e+01	-9.7621e+00	2.9824e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	3.0121e+01	-1.2870e+01	2.3552e+00
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	2.6251e+01	-6.0197e+00	-2.5157e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	2.8535e+01	-6.0440e+00	-3.5793e-01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	2.9833e+01	-8.0941e+00	5.7614e-01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	2.8928e+01	-1.0147e+01	-1.5817e+00
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	2.4063e+01	-1.5745e+00	-1.8084e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	2.6613e+01	-2.9981e+00	-1.1180e-01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	2.7658e+01	-4.6259e+00	-7.4844e-01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	2.6143e+01	-4.6671e+00	-2.4450e+00
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.3999e+01	-1.0084e+00	6.8076e-01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	2.6233e+01	-2.4090e+00	6.8242e-01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	2.6234e+01	-2.3899e+00	-6.0828e-01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	2.4002e+01	-9.8788e-01	-6.0994e-01
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.6127e+01	-4.7440e+00	2.5025e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	2.7655e+01	-4.6891e+00	8.0894e-01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	2.6612e+01	-3.0248e+00	1.8318e-01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.4050e+01	-1.6111e+00	1.8767e+00
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.8899e+01	-1.0276e+01	1.6088e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	2.9830e+01	-8.1957e+00	-5.4675e-01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	2.8533e+01	-6.1144e+00	4.0989e-01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.6225e+01	-6.1116e+00	2.5655e+00
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	3.0085e+01	-1.3041e+01	-2.3779e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	3.0472e+01	-9.8885e+00	-3.0027e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	3.0491e+01	-9.3262e+00	-6.2585e-01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.8915e+01	-1.1334e+01	-1.0952e-03
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.9852e+01	-1.6843e+01	-3.1923e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	2.8807e+01	-1.3277e+01	-1.2631e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	2.9249e+01	-1.4614e+01	3.3624e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	2.2964e+01	-2.1091e+01	1.4332e+00
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.4862e+01	-5.7661e+00	-7.0959e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	2.4916e+01	-7.1622e+00	-3.0789e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	2.7121e+01	-1.0772e+01	-2.1622e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	2.0058e+01	-1.4159e+01	-6.1792e+00
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	1.1549e+01	2.6492e+00	-4.0909e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	2.1437e+01	-1.5254e+00	-1.3144e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	2.3142e+01	-4.3672e+00	-3.9258e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.4959e+01	-2.8714e+00	-6.7023e+00
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.1556e+01	3.8280e+00	1.9871e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.0733e+01	-4.2781e-01	1.9919e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	2.0738e+01	-4.0341e-01	-1.9293e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	1.1560e+01	3.8554e+00	-1.9341e+00
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.4935e+01	-2.9715e+00	6.7434e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.3123e+01	-4.4533e+00	3.9758e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.1427e+01	-1.5637e+00	1.3744e+00

	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.1533e+01	2.6033e+00	4.1420e+00
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	2.0017e+01	-1.4330e+01	6.1940e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.7091e+01	-1.0916e+01	2.1834e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.4893e+01	-7.2620e+00	3.1210e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.4827e+01	-5.8840e+00	7.1316e+00
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	2.2919e+01	-2.1329e+01	-1.4629e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	2.9207e+01	-1.4806e+01	-3.3899e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.8775e+01	-1.3433e+01	1.2711e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.9801e+01	-1.7031e+01	3.1982e+00
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.5192e+00	-2.7035e+01	-9.9932e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.8460e+01	-2.1069e+01	-5.5839e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	2.0041e+01	-2.4920e+01	2.8853e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	5.0230e+00	-3.7345e+01	-1.5241e+00
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	-8.5766e+00	-3.2724e+00	-1.4364e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.0698e+01	-7.2922e+00	-7.6664e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.4661e+01	-1.5462e+01	-7.6894e+00
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-2.0114e-01	-1.9432e+01	-1.4387e+01
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.1275e+01	1.0777e+01	-6.6949e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	5.1470e+00	3.4246e+00	-3.3402e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	7.8989e+00	-2.4376e+00	-9.0662e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-7.8474e+00	2.6437e+00	-1.2421e+01
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.1037e+01	1.2998e+01	3.6622e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	4.2650e+00	5.0838e+00	3.6669e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	4.2706e+00	5.1127e+00	-3.6248e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.1034e+01	1.3032e+01	-3.6296e+00
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	-7.8691e+00	2.5248e+00	1.2443e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	7.8752e+00	-2.5435e+00	9.0977e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	5.1339e+00	3.3759e+00	3.3803e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.1291e+01	1.0723e+01	6.7259e+00
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	-2.3854e-01	-1.9634e+01	1.4390e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.4623e+01	-1.5643e+01	7.6980e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.0668e+01	-7.4175e+00	7.6913e+00
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-8.6097e+00	-3.4119e+00	1.4383e+01
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	4.9889e+00	-3.7635e+01	1.4965e+00
	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.9994e+01	-2.5173e+01	-2.9165e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.8419e+01	-2.1270e+01	5.5804e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.5659e+00	-2.7258e+01	9.9935e+00
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	-4.5676e+01	-4.5402e+01	-2.1297e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-3.6777e+00	-3.4328e+01	-1.4032e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-7.0626e-01	-4.5412e+01	7.3490e-01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-3.5265e+01	-6.6405e+01	-6.5296e+00
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	-4.3423e+01	2.2932e+00	-1.8637e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.6988e+01	-2.5823e+00	-1.3436e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.2665e+01	-2.1950e+01	-1.8675e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-3.8163e+01	-1.5449e+01	-2.3877e+01
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	-3.8923e+01	2.1675e+01	-6.0624e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-2.1569e+01	1.3508e+01	-5.7006e+00
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.8857e+01	2.8137e+00	-1.4587e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-4.0968e+01	1.3943e+01	-1.4949e+01
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	-3.8083e+01	2.4611e+01	4.4464e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-2.1632e+01	1.4979e+01	4.4483e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-2.1628e+01	1.5012e+01	-4.4263e+00
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-3.8083e+01	2.4650e+01	-4.4283e+00
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	-4.0977e+01	1.3806e+01	1.4957e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.8876e+01	2.6920e+00	1.4599e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-2.1580e+01	1.3450e+01	5.7211e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-3.8933e+01	2.1614e+01	6.0791e+00
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	-3.8187e+01	-1.5672e+01	2.3868e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.2695e+01	-2.2157e+01	1.8671e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.7015e+01	-2.7276e+00	1.3444e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-4.3440e+01	2.1384e+00	1.8640e+01
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	-3.5273e+01	-6.6727e+01	6.5179e+00
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-7.4280e-01	-4.5711e+01	-7.5866e-01

	1564	0.0000e+00	0.0000e+00	0.0000e+00	-3.7168e+00	-3.4558e+01	1.4019e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-4.5703e+01	-4.5630e+01	2.1296e+01
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	-1.0893e+02	2.5013e+00	9.6103e-01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-7.4299e+01	-4.7031e+01	-1.2557e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.8393e+01	-8.6096e+01	-9.1561e+00
	20	0.0000e+00	0.0000e+00	0.0000e+00	-1.8974e+02	-1.4301e+02	4.3619e+00
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	-7.1140e+01	1.5313e+01	7.7215e-01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-6.0361e+01	1.2671e+01	-1.4242e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-7.0338e+01	-2.4874e+01	-2.0159e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-8.8820e+01	-1.4668e+01	-5.1447e+00
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	-5.5908e+01	2.9257e+01	1.2214e+00
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-4.9334e+01	2.6165e+01	-5.7505e+00
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-5.4037e+01	1.2378e+01	-9.8136e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-6.4049e+01	1.8110e+01	-2.8417e+00
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	-5.3767e+01	3.0078e+01	1.7872e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-4.7442e+01	2.6214e+01	1.7854e+00
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-4.7443e+01	2.6250e+01	-1.7747e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-5.3770e+01	3.0117e+01	-1.7729e+00
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	-6.4043e+01	1.7964e+01	2.8510e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-5.4038e+01	1.2242e+01	9.8165e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-4.9338e+01	2.6098e+01	5.7590e+00
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-5.5912e+01	2.9186e+01	-1.2065e+00
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	-8.8799e+01	-1.4904e+01	5.1436e+00
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-7.0334e+01	-2.5094e+01	2.0144e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-6.0363e+01	1.2503e+01	1.4239e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-7.1138e+01	1.5136e+01	-7.6147e-01
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	-1.8965e+02	-1.4320e+02	-4.3392e+00
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.8439e+01	-8.6409e+01	9.1709e+00
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-7.4307e+01	-4.7251e+01	1.2546e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-1.0889e+02	2.2095e+00	-9.6457e-01
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	2.1312e+01	-9.0513e+00	1.1298e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	1.0355e+01	1.0684e+00	5.2545e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	1.4916e+01	-1.8597e+01	5.4280e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	2.4349e+01	-8.8538e+00	1.3033e+00
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	1.8541e+01	-5.4105e+00	7.0370e-01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	8.7966e+00	2.9226e+00	2.7153e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	8.9602e+00	-1.2175e+01	4.1359e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	2.2083e+01	-6.9261e+00	2.1243e+00
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.7682e+01	-2.8435e+00	-1.3299e-02
	1555	0.0000e+00	0.0000e+00	0.0000e+00	7.9133e+00	1.9187e+00	9.8297e-01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	8.0533e+00	-5.8606e+00	2.3401e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	1.9377e+01	-4.0453e+00	1.3439e+00
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.7991e+01	-2.4210e+00	-6.5795e-01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	7.6179e+00	-1.0538e+00	-6.3898e-01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	7.6401e+00	-1.0587e+00	6.1948e-01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.8004e+01	-2.4242e+00	6.0052e-01
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.9334e+01	-4.0221e+00	-1.3881e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	7.9659e+00	-5.8535e+00	-2.3480e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	7.8701e+00	1.9321e+00	-1.0005e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.7661e+01	-2.8252e+00	-4.0581e-02
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	2.2017e+01	-6.8893e+00	-2.1368e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	8.8107e+00	-1.2188e+01	-4.1180e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	8.6901e+00	2.9633e+00	-2.7177e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.8488e+01	-5.3762e+00	-7.3655e-01
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	2.4251e+01	-8.8111e+00	-1.2605e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	1.4735e+01	-1.8660e+01	-5.3661e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	1.0191e+01	1.1358e+00	-5.2303e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	2.1231e+01	-9.0081e+00	-1.1246e+00
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	2.9170e+01	-8.8079e+00	1.4046e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	2.4500e+01	-7.8459e+00	1.7274e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	2.4814e+01	-8.9997e+00	2.3772e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	2.9451e+01	-9.4486e+00	2.0544e+00
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	2.7641e+01	-5.7370e+00	-3.5639e-02

	1550	0.0000e+00	0.0000e+00	0.0000e+00	2.2999e+01	-5.3684e+00	1.3762e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	2.4423e+01	-6.4521e+00	2.2798e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	2.8819e+01	-8.0456e+00	8.6795e-01
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	2.6160e+01	-3.0347e+00	-5.3139e-01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	2.1834e+01	-2.8217e+00	5.3282e-01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	2.2693e+01	-3.5330e+00	1.2467e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	2.7261e+01	-4.8702e+00	1.8246e-01
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	2.6025e+01	-2.6616e+00	-2.9777e-01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	2.1663e+01	-2.0972e+00	-2.9212e-01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	2.1670e+01	-2.1122e+00	2.2649e-01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	2.6027e+01	-2.6739e+00	2.2083e-01
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	2.7257e+01	-4.8198e+00	-2.4605e-01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	2.2663e+01	-3.4908e+00	-1.2995e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	2.1818e+01	-2.8085e+00	-5.9581e-01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	2.6162e+01	-3.0076e+00	4.5762e-01
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	2.8814e+01	-7.9626e+00	-9.0037e-01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	2.4372e+01	-6.3892e+00	-2.3026e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	2.2961e+01	-5.3315e+00	-1.4205e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	2.7643e+01	-5.6735e+00	-1.8296e-02
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	2.9444e+01	-9.3472e+00	-2.0403e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	2.4748e+01	-8.9226e+00	-2.3549e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	2.4442e+01	-7.7940e+00	-1.7358e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	2.9171e+01	-8.7137e+00	-1.4212e+00
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.8915e+01	-1.1334e+01	1.1159e-03
	1545	0.0000e+00	0.0000e+00	0.0000e+00	3.0491e+01	-9.3262e+00	6.2586e-01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	3.0472e+01	-9.8884e+00	3.0027e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	3.0085e+01	-1.3041e+01	2.3780e+00
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.6225e+01	-6.1116e+00	-2.5654e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	2.8533e+01	-6.1145e+00	-4.0987e-01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	2.9829e+01	-8.1957e+00	5.4677e-01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.8899e+01	-1.0276e+01	-1.6088e+00
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.4050e+01	-1.6111e+00	-1.8767e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	2.6612e+01	-3.0248e+00	-1.8316e-01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	2.7655e+01	-4.6891e+00	-8.0892e-01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.6127e+01	-4.7440e+00	-2.5024e+00
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.4001e+01	-9.8791e-01	6.0996e-01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	2.6234e+01	-2.3899e+00	6.0831e-01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	2.6233e+01	-2.4091e+00	-6.8239e-01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.3999e+01	-1.0084e+00	-6.8075e-01
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.6143e+01	-4.6671e+00	2.4450e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	2.7658e+01	-4.6259e+00	7.4848e-01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	2.6613e+01	-2.9981e+00	1.1183e-01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.4063e+01	-1.5745e+00	1.8084e+00
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.8928e+01	-1.0147e+01	1.5817e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	2.9833e+01	-8.0942e+00	-5.7610e-01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	2.8535e+01	-6.0440e+00	3.5796e-01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.6251e+01	-6.0197e+00	2.5158e+00
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	3.0120e+01	-1.2871e+01	-2.3551e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	3.0481e+01	-9.7623e+00	-2.9823e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	3.0493e+01	-9.2192e+00	-6.4208e-01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.8953e+01	-1.1193e+01	-1.4881e-02
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.9801e+01	-1.7031e+01	-3.1981e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.8775e+01	-1.3433e+01	-1.2711e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.9207e+01	-1.4806e+01	3.3899e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	2.2919e+01	-2.1329e+01	1.4629e+00
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.4826e+01	-5.8840e+00	-7.1316e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.4893e+01	-7.2620e+00	-3.1209e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.7091e+01	-1.0916e+01	-2.1834e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	2.0017e+01	-1.4330e+01	-6.1940e+00
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.1533e+01	2.6033e+00	-4.1420e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.1427e+01	-1.5637e+00	-1.3744e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.3123e+01	-4.4533e+00	-3.9758e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.4935e+01	-2.9715e+00	-6.7434e+00

1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.1560e+01	3.8554e+00	1.9342e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.0738e+01	-4.0343e-01	1.9294e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.0733e+01	-4.2783e-01	-1.9919e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.1556e+01	3.8279e+00	-1.9871e+00
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.4959e+01	-2.8714e+00	6.7023e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.3142e+01	-4.3672e+00	3.9258e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.1437e+01	-1.5254e+00	1.3144e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.1549e+01	2.6491e+00	4.0909e+00
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	2.0058e+01	-1.4159e+01	6.1793e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.7121e+01	-1.0772e+01	2.1623e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.4916e+01	-7.1623e+00	3.0789e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.4862e+01	-5.7661e+00	7.0959e+00
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	2.2964e+01	-2.1092e+01	-1.4331e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	2.9249e+01	-1.4614e+01	-3.3623e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.8807e+01	-1.3277e+01	1.2632e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.9852e+01	-1.6843e+01	3.1923e+00
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.5659e+00	-2.7258e+01	-9.9934e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.8419e+01	-2.1270e+01	-5.5804e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.9994e+01	-2.5173e+01	2.9166e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	4.9888e+00	-3.7635e+01	-1.4964e+00
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	-8.6097e+00	-3.4120e+00	-1.4383e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.0668e+01	-7.4175e+00	-7.6913e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.4623e+01	-1.5643e+01	-7.6980e+00
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-2.3855e-01	-1.9634e+01	-1.4390e+01
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.1291e+01	1.0723e+01	-6.7259e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	5.1338e+00	3.3759e+00	-3.3803e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	7.8751e+00	-2.5435e+00	-9.0977e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-7.8691e+00	2.5247e+00	-1.2443e+01
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.1034e+01	1.3032e+01	3.6296e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	4.2706e+00	5.1126e+00	3.6248e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	4.2649e+00	5.0838e+00	-3.6669e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.1037e+01	1.2998e+01	-3.6622e+00
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	-7.8474e+00	2.6437e+00	1.2421e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	7.8989e+00	-2.4376e+00	9.0662e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	5.1470e+00	3.4246e+00	3.3402e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.1275e+01	1.0777e+01	6.6949e+00
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	-2.0119e-01	-1.9432e+01	1.4387e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.4661e+01	-1.5462e+01	7.6895e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.0698e+01	-7.2922e+00	7.6664e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-8.5766e+00	-3.2724e+00	1.4364e+01
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	5.0230e+00	-3.7345e+01	1.5242e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	2.0040e+01	-2.4920e+01	-2.8852e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.8460e+01	-2.1069e+01	5.5839e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.5192e+00	-2.7035e+01	9.9933e+00
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-4.5703e+01	-4.5630e+01	-2.1295e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-3.7168e+00	-3.4558e+01	-1.4019e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-7.4279e-01	-4.5711e+01	7.5874e-01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-3.5273e+01	-6.6727e+01	-6.5178e+00
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	-4.3440e+01	2.1383e+00	-1.8640e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.7015e+01	-2.7276e+00	-1.3444e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.2695e+01	-2.2157e+01	-1.8671e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-3.8187e+01	-1.5673e+01	-2.3868e+01
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	-3.8933e+01	2.1613e+01	-6.0791e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-2.1580e+01	1.3450e+01	-5.7211e+00
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.8876e+01	2.6919e+00	-1.4599e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-4.0977e+01	1.3806e+01	-1.4957e+01
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-3.8083e+01	2.4650e+01	4.4283e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-2.1628e+01	1.5012e+01	4.4263e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-2.1632e+01	1.4979e+01	-4.4483e+00
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-3.8083e+01	2.4611e+01	-4.4464e+00
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-4.0968e+01	1.3943e+01	1.4949e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.8857e+01	2.8137e+00	1.4587e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-2.1569e+01	1.3508e+01	5.7006e+00

	1518	0.0000e+00	0.0000e+00	0.0000e+00	-3.8923e+01	2.1675e+01	6.0624e+00
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	-3.8163e+01	-1.5449e+01	2.3877e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.2665e+01	-2.1950e+01	1.8675e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.6988e+01	-2.5823e+00	1.3436e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-4.3423e+01	2.2932e+00	1.8637e+01
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-3.5265e+01	-6.6405e+01	6.5298e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-7.0631e-01	-4.5412e+01	-7.3479e-01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-3.6777e+00	-3.4328e+01	1.4032e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-4.5676e+01	-4.5401e+01	2.1297e+01
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	-1.0889e+02	2.2093e+00	9.6439e-01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-7.4307e+01	-4.7251e+01	-1.2546e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-1.8439e+01	-8.6409e+01	-9.1706e+00
	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.8965e+02	-1.4320e+02	4.3393e+00
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	-7.1138e+01	1.5136e+01	7.6144e-01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-6.0363e+01	1.2503e+01	-1.4239e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-7.0334e+01	-2.5094e+01	-2.0144e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-8.8799e+01	-1.4904e+01	-5.1436e+00
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	-5.5912e+01	2.9186e+01	1.2065e+00
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-4.9338e+01	2.6098e+01	-5.7590e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-5.4038e+01	1.2242e+01	-9.8165e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-6.4043e+01	1.7964e+01	-2.8510e+00
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	-5.3769e+01	3.0117e+01	1.7729e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-4.7443e+01	2.6250e+01	1.7747e+00
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-4.7442e+01	2.6214e+01	-1.7854e+00
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-5.3767e+01	3.0078e+01	-1.7872e+00
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	-6.4049e+01	1.8110e+01	2.8418e+00
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-5.4037e+01	1.2378e+01	9.8136e+00
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-4.9334e+01	2.6165e+01	5.7505e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-5.5908e+01	2.9257e+01	-1.2214e+00
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	-8.8820e+01	-1.4668e+01	5.1448e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-7.0338e+01	-2.4874e+01	2.0159e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-6.0360e+01	1.2671e+01	1.4242e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-7.1140e+01	1.5313e+01	-7.7209e-01
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-1.8974e+02	-1.4301e+02	-4.3616e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-1.8393e+01	-8.6095e+01	9.1563e+00
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-7.4299e+01	-4.7031e+01	1.2557e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-1.0893e+02	2.5012e+00	-9.6091e-01
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	2.7967e+00	3.3921e+00	-7.7352e+00
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-5.8840e-02	1.4313e+01	-4.5378e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	-1.2833e+00	-8.3221e+00	-3.3432e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	9.9112e+00	4.6615e-03	-6.5407e+00
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	1.9812e+00	9.5967e+00	-6.2071e+00
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-3.1326e+00	1.5998e+01	-4.0231e+00
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-1.8861e+00	-4.6060e-01	-4.4775e+00
	1505	0.0000e+00	0.0000e+00	0.0000e+00	4.7578e+00	6.9272e+00	-6.6615e+00
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	1.8261e+00	1.2666e+01	-4.1258e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-4.7531e+00	1.5923e+01	-3.0396e+00
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-4.2733e+00	6.0527e+00	-3.9895e+00
	1504	0.0000e+00	0.0000e+00	0.0000e+00	3.3472e+00	1.1373e+01	-5.0757e+00
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	2.6437e+00	1.3691e+01	-1.6789e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-4.8504e+00	1.3921e+01	-1.8722e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-5.1358e+00	1.1001e+01	-2.9173e+00
	1503	0.0000e+00	0.0000e+00	0.0000e+00	2.5731e+00	1.3501e+01	-2.7240e+00
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	4.6318e+00	1.2660e+01	6.0915e-01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-3.5215e+00	1.0198e+01	-8.7781e-01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-4.4920e+00	1.4191e+01	-1.7318e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	2.8631e+00	1.3584e+01	-2.4489e-01
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	7.7583e+00	9.6275e+00	2.2670e+00
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-9.7234e-01	4.8894e+00	-4.0003e-01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-2.4725e+00	1.5589e+01	-7.8469e-01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	4.3456e+00	1.1686e+01	1.8823e+00
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	1.1809e+01	4.7670e+00	2.8608e+00
	1509	0.0000e+00	0.0000e+00	0.0000e+00	2.4018e+00	-1.8790e+00	-7.2247e-01

	1510	0.0000e+00	0.0000e+00	0.0000e+00	6.5709e-01	1.5259e+01	-3.8981e-01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	6.9525e+00	7.8908e+00	3.1934e+00
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.6475e+01	-1.5083e+00	2.1675e+00
	1508	0.0000e+00	0.0000e+00	0.0000e+00	6.0351e+00	-9.9620e+00	-1.9687e+00
	1509	0.0000e+00	0.0000e+00	0.0000e+00	4.4247e+00	1.3344e+01	-8.1251e-01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	1.0466e+01	2.3794e+00	3.3236e+00
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	2.1915e+01	-8.2192e+00	6.4274e-01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	9.3581e+00	-1.9009e+01	-3.8775e+00
	1508	0.0000e+00	0.0000e+00	0.0000e+00	8.2214e+00	9.8903e+00	-2.1747e+00
	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.4725e+01	-4.5975e+00	2.3456e+00
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	2.6462e+01	-1.2826e+01	6.2260e-01
	32	0.0000e+00	0.0000e+00	0.0000e+00	1.7153e+01	-2.7562e+01	-5.5492e+00
	1507	0.0000e+00	0.0000e+00	0.0000e+00	1.1849e+01	4.0697e+00	-5.0079e+00
	1497	0.0000e+00	0.0000e+00	0.0000e+00	2.0397e+01	-1.1842e+01	1.1639e+00
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	6.3406e+00	4.5505e+00	-6.6668e+00
	1505	0.0000e+00	0.0000e+00	0.0000e+00	5.2799e+00	4.6210e+00	-6.4199e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	4.7468e+00	-1.1715e+00	-5.7855e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	7.3285e+00	-2.4785e+00	-6.0324e+00
1113	1494	0.0000e+00	0.0000e+00	0.0000e+00	6.7513e+00	1.2057e+01	-5.7875e+00
	1504	0.0000e+00	0.0000e+00	0.0000e+00	4.4243e+00	1.0413e+01	-5.1714e+00
	1505	0.0000e+00	0.0000e+00	0.0000e+00	5.2048e+00	7.3969e+00	-5.9292e+00
	1495	0.0000e+00	0.0000e+00	0.0000e+00	7.1056e+00	7.3985e+00	-6.5453e+00
1114	1493	0.0000e+00	0.0000e+00	0.0000e+00	7.1618e+00	1.5815e+01	-3.3623e+00
	1503	0.0000e+00	0.0000e+00	0.0000e+00	4.1075e+00	1.3776e+01	-3.2532e+00
	1504	0.0000e+00	0.0000e+00	0.0000e+00	4.3331e+00	1.2267e+01	-4.7272e+00
	1494	0.0000e+00	0.0000e+00	0.0000e+00	7.1371e+00	1.3428e+01	-4.8363e+00
1115	1492	0.0000e+00	0.0000e+00	0.0000e+00	8.1401e+00	1.6887e+01	-2.7814e-01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	4.7080e+00	1.4894e+01	-8.9595e-01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	4.2228e+00	1.4557e+01	-2.6605e+00
	1493	0.0000e+00	0.0000e+00	0.0000e+00	7.4873e+00	1.6395e+01	-2.0426e+00
1116	1491	0.0000e+00	0.0000e+00	0.0000e+00	1.0066e+01	1.5322e+01	2.8659e+00
	1501	0.0000e+00	0.0000e+00	0.0000e+00	6.4708e+00	1.3858e+01	1.3027e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	5.1200e+00	1.4540e+01	-3.4231e-01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	8.5370e+00	1.6648e+01	1.2209e+00
1117	1490	0.0000e+00	0.0000e+00	0.0000e+00	1.3181e+01	1.1149e+01	5.4107e+00
	1500	0.0000e+00	0.0000e+00	0.0000e+00	9.4686e+00	1.0732e+01	2.8085e+00
	1501	0.0000e+00	0.0000e+00	0.0000e+00	7.2308e+00	1.2305e+01	1.7032e+00
	1491	0.0000e+00	0.0000e+00	0.0000e+00	1.0625e+01	1.4289e+01	4.3054e+00
1118	1489	0.0000e+00	0.0000e+00	0.0000e+00	1.7482e+01	4.6017e+00	6.6691e+00
	1499	0.0000e+00	0.0000e+00	0.0000e+00	1.3567e+01	5.7063e+00	3.1173e+00
	1500	0.0000e+00	0.0000e+00	0.0000e+00	1.0567e+01	7.9672e+00	2.9698e+00
	1490	0.0000e+00	0.0000e+00	0.0000e+00	1.3939e+01	9.3923e+00	6.5215e+00
1119	1488	0.0000e+00	0.0000e+00	0.0000e+00	2.2505e+01	-3.4305e+00	6.1214e+00
	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.8391e+01	-7.6132e-01	2.0109e+00
	1499	0.0000e+00	0.0000e+00	0.0000e+00	1.4873e+01	1.8454e+00	3.0278e+00
	1489	0.0000e+00	0.0000e+00	0.0000e+00	1.8451e+01	2.3065e+00	7.1383e+00
1120	1487	0.0000e+00	0.0000e+00	0.0000e+00	2.6985e+01	-1.0938e+01	3.9152e+00
	1497	0.0000e+00	0.0000e+00	0.0000e+00	2.3196e+01	-7.7366e+00	1.4379e-01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.9575e+01	-5.2858e+00	1.8869e+00
	1488	0.0000e+00	0.0000e+00	0.0000e+00	2.3659e+01	-5.8695e+00	5.6582e+00
1121	1426	0.0000e+00	0.0000e+00	0.0000e+00	2.9711e+01	-1.4896e+01	9.6009e-01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	2.5506e+01	-1.3153e+01	-8.7819e-01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	2.3813e+01	-1.1172e+01	6.8430e-01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	2.8018e+01	-1.2822e+01	2.5226e+00
1122	1485	0.0000e+00	0.0000e+00	0.0000e+00	5.5906e+00	5.3404e+00	-5.9391e+00
	1495	0.0000e+00	0.0000e+00	0.0000e+00	6.5183e+00	4.3901e+00	-6.1373e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	9.3521e+00	-2.9416e+00	-5.7975e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	2.3917e+00	-4.6298e+00	-5.5993e+00
1123	1484	0.0000e+00	0.0000e+00	0.0000e+00	5.9967e+00	1.4315e+01	-5.6970e+00
	1494	0.0000e+00	0.0000e+00	0.0000e+00	6.7633e+00	1.2863e+01	-5.3055e+00
	1495	0.0000e+00	0.0000e+00	0.0000e+00	6.4820e+00	7.5320e+00	-6.2836e+00
	1485	0.0000e+00	0.0000e+00	0.0000e+00	6.9993e+00	8.2037e+00	-6.6751e+00
1124	1483	0.0000e+00	0.0000e+00	0.0000e+00	6.6449e+00	1.9496e+01	-2.7152e+00



	1493	0.0000e+00	0.0000e+00	0.0000e+00	6.9737e+00	1.6899e+01	-2.7714e+00
	1494	0.0000e+00	0.0000e+00	0.0000e+00	6.8028e+00	1.4142e+01	-4.8567e+00
	1484	0.0000e+00	0.0000e+00	0.0000e+00	6.7123e+00	1.6073e+01	-4.8005e+00
1125	1482	0.0000e+00	0.0000e+00	0.0000e+00	7.6812e+00	2.1188e+01	1.2463e+00
	1492	0.0000e+00	0.0000e+00	0.0000e+00	7.8594e+00	1.8076e+01	5.7405e-01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	7.1189e+00	1.7448e+01	-2.1225e+00
	1483	0.0000e+00	0.0000e+00	0.0000e+00	7.1833e+00	2.0191e+01	-1.4502e+00
1126	1481	0.0000e+00	0.0000e+00	0.0000e+00	9.5129e+00	1.9535e+01	5.6449e+00
	1491	0.0000e+00	0.0000e+00	0.0000e+00	9.7672e+00	1.6413e+01	4.0710e+00
	1492	0.0000e+00	0.0000e+00	0.0000e+00	8.2630e+00	1.7807e+01	1.2378e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	8.1179e+00	2.0838e+01	2.8117e+00
1127	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.2540e+01	1.4440e+01	9.7185e+00
	1490	0.0000e+00	0.0000e+00	0.0000e+00	1.2991e+01	1.1973e+01	6.9903e+00
	1491	0.0000e+00	0.0000e+00	0.0000e+00	1.0547e+01	1.5284e+01	4.5538e+00
	1481	0.0000e+00	0.0000e+00	0.0000e+00	9.9586e+00	1.8108e+01	7.2820e+00
1128	1479	0.0000e+00	0.0000e+00	0.0000e+00	1.7053e+01	5.9182e+00	1.2488e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	1.7612e+01	4.9885e+00	8.4918e+00
	1490	0.0000e+00	0.0000e+00	0.0000e+00	1.4245e+01	9.9230e+00	7.1278e+00
	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.3058e+01	1.1955e+01	1.1124e+01
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.2775e+01	-5.0953e+00	1.2666e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	2.3212e+01	-3.6378e+00	7.7719e+00
	1489	0.0000e+00	0.0000e+00	0.0000e+00	1.9326e+01	2.1428e+00	8.2281e+00
	1479	0.0000e+00	0.0000e+00	0.0000e+00	1.7646e+01	2.6096e+00	1.3122e+01
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.8126e+01	-1.5685e+01	9.0974e+00
	1487	0.0000e+00	0.0000e+00	0.0000e+00	2.8545e+01	-1.1740e+01	4.6202e+00
	1488	0.0000e+00	0.0000e+00	0.0000e+00	2.5072e+01	-6.6980e+00	7.2810e+00
	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.3351e+01	-8.5304e+00	1.1758e+01
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	3.0957e+01	-2.1069e+01	2.0530e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	3.1071e+01	-1.6047e+01	6.6336e-02
	1487	0.0000e+00	0.0000e+00	0.0000e+00	2.9822e+01	-1.3853e+01	4.3252e+00
	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.8547e+01	-1.8078e+01	6.3119e+00
1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	2.2812e+00	5.9201e+00	-4.9677e+00
	1485	0.0000e+00	0.0000e+00	0.0000e+00	4.6061e+00	3.4717e+00	-5.1849e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	1.2254e+01	-4.2689e+00	-5.1498e+00
	1476	0.0000e+00	0.0000e+00	0.0000e+00	-5.7669e+00	-6.7934e+00	-4.9327e+00
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	2.1758e+00	1.6618e+01	-5.6427e+00
	1484	0.0000e+00	0.0000e+00	0.0000e+00	5.2245e+00	1.4967e+01	-5.0488e+00
	1485	0.0000e+00	0.0000e+00	0.0000e+00	4.4077e+00	8.2633e+00	-6.1153e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	4.0866e+00	8.9282e+00	-6.7092e+00
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	2.6093e+00	2.3669e+01	-2.2643e+00
	1483	0.0000e+00	0.0000e+00	0.0000e+00	5.3382e+00	2.0395e+01	-2.1066e+00
	1484	0.0000e+00	0.0000e+00	0.0000e+00	5.2958e+00	1.6888e+01	-4.5944e+00
	1474	0.0000e+00	0.0000e+00	0.0000e+00	2.9424e+00	1.9017e+01	-4.7521e+00
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	3.1660e+00	2.6394e+01	2.2969e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	6.0042e+00	2.2326e+01	1.9656e+00
	1483	0.0000e+00	0.0000e+00	0.0000e+00	5.4028e+00	2.1427e+01	-1.4042e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	3.1571e+00	2.4677e+01	-1.0729e+00
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	4.0986e+00	2.5138e+01	7.6540e+00
	1481	0.0000e+00	0.0000e+00	0.0000e+00	7.4980e+00	2.0627e+01	6.6291e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	6.2242e+00	2.2311e+01	2.8054e+00
	1472	0.0000e+00	0.0000e+00	0.0000e+00	3.4843e+00	2.6103e+01	3.8303e+00
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	5.8461e+00	1.9626e+01	1.3199e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.0249e+01	1.5260e+01	1.1130e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	7.9986e+00	1.9549e+01	7.3254e+00
	1471	0.0000e+00	0.0000e+00	0.0000e+00	4.2870e+00	2.3446e+01	9.3935e+00
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	9.1794e+00	9.1968e+00	1.7946e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	1.4699e+01	6.2123e+00	1.4344e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.1268e+01	1.2933e+01	1.1381e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	5.9748e+00	1.6384e+01	1.4983e+01
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	1.4728e+01	-6.2455e+00	1.9805e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.0831e+01	-5.6575e+00	1.4494e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	1.6516e+01	2.5015e+00	1.3882e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	9.2610e+00	4.4186e+00	1.9193e+01

1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	2.1262e+01	-2.3522e+01	1.5564e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.7387e+01	-1.7430e+01	9.8142e+00
	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.3359e+01	-1.0250e+01	1.3300e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	1.4698e+01	-1.1727e+01	1.9050e+01
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	2.4894e+01	-3.3309e+01	3.6746e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	3.0813e+01	-2.4026e+01	9.2517e-01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.9520e+01	-2.0928e+01	8.3686e+00
	1467	0.0000e+00	0.0000e+00	0.0000e+00	2.1122e+01	-2.7809e+01	1.1118e+01
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	-3.7063e+00	6.1111e+00	-4.0465e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	9.0271e-02	2.2658e+00	-4.2671e+00
	1476	0.0000e+00	0.0000e+00	0.0000e+00	1.3274e+01	-5.8007e+00	-4.1780e+00
	1466	0.0000e+00	0.0000e+00	0.0000e+00	-1.7297e+01	-9.8396e+00	-3.9574e+00
1143	1464	0.0000e+00	0.0000e+00	0.0000e+00	-4.1702e+00	1.8939e+01	-5.8964e+00
	1474	0.0000e+00	0.0000e+00	0.0000e+00	7.1724e-01	1.7313e+01	-4.9833e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	-4.8264e-01	8.7325e+00	-6.0717e+00
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-1.2883e+00	9.4706e+00	-6.9848e+00
1144	1463	0.0000e+00	0.0000e+00	0.0000e+00	-3.7271e+00	2.8005e+01	-2.2006e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	4.1604e-01	2.4507e+01	-1.7841e+00
	1474	0.0000e+00	0.0000e+00	0.0000e+00	7.7750e-01	1.9799e+01	-4.5138e+00
	1464	0.0000e+00	0.0000e+00	0.0000e+00	-3.3212e+00	2.2229e+01	-4.9304e+00
1145	1462	0.0000e+00	0.0000e+00	0.0000e+00	-3.7427e+00	3.1859e+01	2.4082e+00
	1472	0.0000e+00	0.0000e+00	0.0000e+00	4.9010e-01	2.7492e+01	2.6310e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	3.8141e-01	2.5987e+01	-9.9603e-01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	-3.2235e+00	2.9496e+01	-1.2189e+00
1146	1461	0.0000e+00	0.0000e+00	0.0000e+00	-4.4076e+00	3.1431e+01	7.8507e+00
	1471	0.0000e+00	0.0000e+00	0.0000e+00	8.1539e-01	2.6140e+01	8.0016e+00
	1472	0.0000e+00	0.0000e+00	0.0000e+00	3.8765e-01	2.7863e+01	3.7306e+00
	1462	0.0000e+00	0.0000e+00	0.0000e+00	-3.7019e+00	3.1846e+01	3.5797e+00
1147	1460	0.0000e+00	0.0000e+00	0.0000e+00	-5.5416e+00	2.6431e+01	1.4062e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.7472e+00	2.0295e+01	1.3884e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	6.5878e-01	2.5504e+01	9.0805e+00
	1461	0.0000e+00	0.0000e+00	0.0000e+00	-4.7806e+00	2.9799e+01	9.2583e+00
1148	1459	0.0000e+00	0.0000e+00	0.0000e+00	-6.1852e+00	1.5422e+01	2.0736e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	4.1776e+00	9.2255e+00	1.9407e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.8296e+00	1.8349e+01	1.4526e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	-6.2859e+00	2.2750e+01	1.5856e+01
1149	1458	0.0000e+00	0.0000e+00	0.0000e+00	-4.3081e+00	-4.2666e+00	2.5986e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	9.4023e+00	-7.3457e+00	2.2100e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	5.2247e+00	5.2548e+00	1.8957e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	-7.2894e+00	8.9991e+00	2.2844e+01
1150	1457	0.0000e+00	0.0000e+00	0.0000e+00	2.7305e+00	-3.3435e+01	2.4243e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	1.7194e+01	-2.6440e+01	1.6991e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	1.2333e+01	-1.3831e+01	1.9903e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-5.7661e+00	-1.3160e+01	2.7155e+01
1151	1393	0.0000e+00	0.0000e+00	0.0000e+00	7.3028e+00	-5.5039e+01	6.2622e+00
	1404	0.0000e+00	0.0000e+00	0.0000e+00	2.2904e+01	-3.8876e+01	1.8227e+00
	1467	0.0000e+00	0.0000e+00	0.0000e+00	2.1209e+01	-3.3076e+01	1.3898e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	8.1960e-01	-4.3132e+01	1.8337e+01
1152	1455	0.0000e+00	0.0000e+00	0.0000e+00	-1.2745e+01	5.3862e+00	-3.0544e+00
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-6.9245e+00	3.3625e-01	-3.3867e+00
	1466	0.0000e+00	0.0000e+00	0.0000e+00	1.2353e+01	-8.4443e+00	-2.7361e+00
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-3.2634e+01	-1.4907e+01	-2.4038e+00
1153	1454	0.0000e+00	0.0000e+00	0.0000e+00	-1.2157e+01	2.0923e+01	-5.6408e+00
	1464	0.0000e+00	0.0000e+00	0.0000e+00	-6.1124e+00	2.0012e+01	-5.0708e+00
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-8.1622e+00	8.8238e+00	-6.3631e+00
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-9.0575e+00	1.0719e+01	-6.9331e+00
1154	1453	0.0000e+00	0.0000e+00	0.0000e+00	-1.0346e+01	3.1825e+01	-1.8125e+00
	1463	0.0000e+00	0.0000e+00	0.0000e+00	-6.4123e+00	2.8976e+01	-1.8322e+00
	1464	0.0000e+00	0.0000e+00	0.0000e+00	-5.8392e+00	2.2782e+01	-4.5377e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	-1.0955e+01	2.5808e+01	-4.5180e+00
1155	1452	0.0000e+00	0.0000e+00	0.0000e+00	-1.0442e+01	3.6329e+01	1.5640e+00
	1462	0.0000e+00	0.0000e+00	0.0000e+00	-6.6771e+00	3.2891e+01	2.1140e+00
	1463	0.0000e+00	0.0000e+00	0.0000e+00	-6.2773e+00	3.0610e+01	-8.9394e-01

	1453	0.0000e+00	0.0000e+00	0.0000e+00	-9.8290e+00	3.3703e+01	-1.4440e+00
1156	1451	0.0000e+00	0.0000e+00	0.0000e+00	-1.2791e+01	3.6686e+01	5.3636e+00
	1461	0.0000e+00	0.0000e+00	0.0000e+00	-8.0090e+00	3.2220e+01	6.9880e+00
	1462	0.0000e+00	0.0000e+00	0.0000e+00	-7.0775e+00	3.3573e+01	3.4834e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	-1.0730e+01	3.6716e+01	1.8590e+00
1157	1450	0.0000e+00	0.0000e+00	0.0000e+00	-1.7767e+01	3.2834e+01	1.0080e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	-1.0471e+01	2.6788e+01	1.2896e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	-9.0980e+00	3.2217e+01	8.5338e+00
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-1.3954e+01	3.5642e+01	5.7185e+00
1158	1449	0.0000e+00	0.0000e+00	0.0000e+00	-2.5477e+01	2.3324e+01	1.6352e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	-1.3326e+01	1.4968e+01	1.9989e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	-1.2185e+01	2.5923e+01	1.4353e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-1.9917e+01	2.9806e+01	1.0715e+01
1159	1448	0.0000e+00	0.0000e+00	0.0000e+00	-3.5346e+01	4.4717e+00	2.4644e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-1.3580e+01	-6.1513e+00	2.7433e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	-1.5066e+01	1.2299e+01	2.0503e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-2.8724e+01	1.6723e+01	1.7714e+01
1160	1447	0.0000e+00	0.0000e+00	0.0000e+00	-3.6440e+01	-3.2413e+01	3.2155e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	-9.3195e+00	-3.7856e+01	2.8494e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-1.2757e+01	-1.2626e+01	2.5019e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-3.9746e+01	-1.0523e+01	2.8680e+01
1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	-3.6365e+01	-9.1105e+01	9.6518e+00
	1393	0.0000e+00	0.0000e+00	0.0000e+00	2.2250e+00	-6.5477e+01	3.2207e+00
	1457	0.0000e+00	0.0000e+00	0.0000e+00	1.1440e-01	-5.1898e+01	2.2253e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-4.6101e+01	-6.7598e+01	2.8684e+01
1162	782	0.0000e+00	0.0000e+00	0.0000e+00	-2.6739e+01	1.6522e+01	-1.7933e+00
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-1.8610e+01	-2.5830e+00	-2.3329e-01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	1.0520e+01	-1.3189e+01	7.4698e-02
	22	0.0000e+00	0.0000e+00	0.0000e+00	-5.2995e+01	-3.2963e+01	-1.4853e+00
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	-1.7812e+01	2.4238e+01	-3.5331e-01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	-1.5620e+01	2.3632e+01	-3.9754e+00
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-1.8452e+01	8.6738e+00	-5.5786e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	-2.1653e+01	1.1549e+01	-1.9565e+00
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.3950e+01	3.3879e+01	-1.0711e-01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	-1.2651e+01	3.2945e+01	-1.5773e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	-1.3586e+01	2.5735e+01	-2.6699e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	-1.5723e+01	2.7173e+01	-1.1997e+00
1165	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.3663e+01	3.8164e+01	1.3264e-01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	-1.2419e+01	3.7049e+01	6.0214e-01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	-1.1997e+01	3.4254e+01	-4.0783e-01
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.3220e+01	3.5332e+01	-8.7733e-01
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.6819e+01	3.8618e+01	4.5702e-01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-1.5158e+01	3.7096e+01	3.1123e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	-1.2931e+01	3.7783e+01	1.9529e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.4154e+01	3.8779e+01	-7.0240e-01
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	-2.4059e+01	3.5089e+01	9.5782e-01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-2.1352e+01	3.2843e+01	6.2846e+00
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-1.6961e+01	3.7394e+01	4.7487e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.8637e+01	3.8484e+01	-5.7817e-01
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	-3.6847e+01	2.6006e+01	1.7705e+00
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-3.1975e+01	2.2413e+01	1.0679e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-2.4805e+01	3.2813e+01	8.4281e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	-2.7607e+01	3.4107e+01	-4.8013e-01
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	-5.8549e+01	7.1059e+00	3.0898e+00
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-4.8139e+01	1.0480e+00	1.7137e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-3.7773e+01	2.2250e+01	1.3567e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-4.3038e+01	2.3944e+01	-4.8032e-01
1170	774	0.0000e+00	0.0000e+00	0.0000e+00	-9.3810e+01	-3.2963e+01	5.8793e+00
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-7.2265e+01	-4.4396e+01	2.7183e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-5.7722e+01	1.4831e+00	2.1006e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-6.9109e+01	3.4640e+00	-2.9838e-01
1171	21	0.0000e+00	0.0000e+00	0.0000e+00	-2.1288e+02	-1.8430e+02	-5.8887e+00
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-1.5453e+01	-1.1463e+02	1.1413e+01

	1447	0.0000e+00	0.0000e+00	0.0000e+00	-7.7748e+01	-7.0208e+01	1.7213e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-1.1872e+02	-1.3138e+01	-8.8481e-02
1172	1436	0.0000e+00	0.0000e+00	0.0000e+00	2.0042e+01	-1.1934e+01	-1.9809e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	1.2125e+01	3.7943e+00	3.6934e+00
	32	0.0000e+00	0.0000e+00	0.0000e+00	1.7072e+01	-2.6943e+01	4.4582e+00
	1437	0.0000e+00	0.0000e+00	0.0000e+00	2.6592e+01	-1.2725e+01	-1.2160e+00
1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.4647e+01	-4.2811e+00	-3.3259e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	8.4625e+00	9.3773e+00	7.0364e-01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	9.2997e+00	-1.7737e+01	2.5611e+00
	1436	0.0000e+00	0.0000e+00	0.0000e+00	2.1975e+01	-7.7450e+00	-1.4684e+00
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	1.0918e+01	2.5504e+00	-4.1520e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	4.7910e+00	1.2251e+01	-6.8075e-01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	5.9789e+00	-8.2682e+00	4.3347e-01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.6764e+01	-7.6746e-01	-3.0378e+00
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	8.3933e+00	7.4352e+00	-3.6275e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	1.6324e+00	1.3233e+01	-1.0715e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	2.7502e+00	-1.9370e-01	-8.3738e-01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	1.2455e+01	5.1416e+00	-3.3933e+00
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	7.4332e+00	9.9972e+00	-2.0241e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-2.2715e-01	1.2197e+01	-8.3219e-01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	3.6642e-01	6.1316e+00	-1.1628e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	9.2548e+00	8.9839e+00	-2.3547e+00
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	8.2597e+00	1.0040e+01	-9.1767e-02
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-4.0442e-01	9.0270e+00	-4.5189e-01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-5.1940e-01	1.0536e+01	-8.7969e-01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	7.6449e+00	1.0367e+01	-5.1956e-01
1178	1430	0.0000e+00	0.0000e+00	0.0000e+00	1.0776e+01	7.5790e+00	1.3777e+00
	1440	0.0000e+00	0.0000e+00	0.0000e+00	9.7395e-01	3.7163e+00	-4.1874e-01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	2.9543e-01	1.2940e+01	-4.8452e-01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	7.8143e+00	9.2070e+00	1.3119e+00
1179	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.4635e+01	2.8921e+00	1.8204e+00
	1439	0.0000e+00	0.0000e+00	0.0000e+00	3.3867e+00	-3.6653e+00	-1.0762e+00
	1440	0.0000e+00	0.0000e+00	0.0000e+00	2.5184e+00	1.3368e+01	-4.7259e-01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	9.6339e+00	5.6188e+00	2.4240e+00
1180	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.9779e+01	-3.2275e+00	1.3852e+00
	1438	0.0000e+00	0.0000e+00	0.0000e+00	6.2903e+00	-1.2898e+01	-2.4025e+00
	1439	0.0000e+00	0.0000e+00	0.0000e+00	5.5291e+00	1.1846e+01	-1.2241e+00
	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.2865e+01	-1.4988e-01	2.5636e+00
1181	1427	0.0000e+00	0.0000e+00	0.0000e+00	2.4771e+01	-8.1381e+00	2.3034e+00
	31	0.0000e+00	0.0000e+00	0.0000e+00	1.4029e+01	-2.2601e+01	-3.4855e+00
	1438	0.0000e+00	0.0000e+00	0.0000e+00	9.0189e+00	7.5179e+00	-3.3734e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.8051e+01	-7.1661e+00	2.4156e+00
1182	1425	0.0000e+00	0.0000e+00	0.0000e+00	2.8198e+01	-1.2867e+01	-2.8900e+00
	1436	0.0000e+00	0.0000e+00	0.0000e+00	2.3840e+01	-1.1549e+01	-1.2976e+00
	1437	0.0000e+00	0.0000e+00	0.0000e+00	2.5748e+01	-1.2867e+01	5.1519e-01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	2.9517e+01	-1.5127e+01	-1.0772e+00
1183	1424	0.0000e+00	0.0000e+00	0.0000e+00	2.3648e+01	-5.2622e+00	-6.1698e+00
	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.9616e+01	-5.0094e+00	-2.6207e+00
	1436	0.0000e+00	0.0000e+00	0.0000e+00	2.3258e+01	-7.1520e+00	-8.1904e-01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	2.7199e+01	-1.0456e+01	-4.3682e+00
1184	1423	0.0000e+00	0.0000e+00	0.0000e+00	1.8698e+01	3.1529e+00	-7.0657e+00
	1434	0.0000e+00	0.0000e+00	0.0000e+00	1.5259e+01	2.2356e+00	-3.5463e+00
	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.8430e+01	4.4380e-02	-2.8242e+00
	1424	0.0000e+00	0.0000e+00	0.0000e+00	2.2659e+01	-2.2985e+00	-6.3435e+00
1185	1422	0.0000e+00	0.0000e+00	0.0000e+00	1.5177e+01	9.5489e+00	-5.4984e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	1.1886e+01	7.8065e+00	-2.9987e+00
	1434	0.0000e+00	0.0000e+00	0.0000e+00	1.4106e+01	6.1323e+00	-3.6204e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	1.8023e+01	5.6171e+00	-6.1201e+00
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	1.3676e+01	1.2761e+01	-2.4056e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	1.0226e+01	1.0865e+01	-1.3666e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	1.1192e+01	1.0047e+01	-2.8187e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	1.4816e+01	1.1018e+01	-3.8577e+00
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	1.4333e+01	1.2481e+01	1.0577e+00

	1431	0.0000e+00	0.0000e+00	0.0000e+00	1.0566e+01	1.1154e+01	5.1082e-01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	1.0141e+01	1.1294e+01	-1.0520e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	1.3650e+01	1.3052e+01	-5.0507e-01
1188	1419	0.0000e+00	0.0000e+00	0.0000e+00	1.7045e+01	8.8467e+00	3.8111e+00
	1430	0.0000e+00	0.0000e+00	0.0000e+00	1.2839e+01	8.7413e+00	1.7700e+00
	1431	0.0000e+00	0.0000e+00	0.0000e+00	1.1089e+01	9.7503e+00	7.8558e-01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	1.4659e+01	1.1588e+01	2.8267e+00
1189	1418	0.0000e+00	0.0000e+00	0.0000e+00	2.1303e+01	2.5956e+00	5.0122e+00
	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.6696e+01	4.0087e+00	1.8348e+00
	1430	0.0000e+00	0.0000e+00	0.0000e+00	1.3831e+01	5.6007e+00	1.8829e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	1.7730e+01	6.9188e+00	5.0604e+00
1190	1417	0.0000e+00	0.0000e+00	0.0000e+00	2.5838e+01	-4.3724e+00	4.5492e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	2.1414e+01	-2.2038e+00	1.0497e+00
	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.7794e+01	-4.8310e-01	1.8853e+00
	1418	0.0000e+00	0.0000e+00	0.0000e+00	2.2368e+01	3.6097e-02	5.3848e+00
1191	1416	0.0000e+00	0.0000e+00	0.0000e+00	2.8928e+01	-9.0337e+00	3.1292e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	2.4580e+01	-7.6902e+00	9.6100e-01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	2.2109e+01	-6.5005e+00	1.7309e+00
	1417	0.0000e+00	0.0000e+00	0.0000e+00	2.7006e+01	-6.6769e+00	3.8992e+00
1192	1414	0.0000e+00	0.0000e+00	0.0000e+00	2.8475e+01	-1.7940e+01	-6.5185e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	2.9806e+01	-1.4024e+01	-4.6505e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	3.1421e+01	-1.6267e+01	-1.1112e-01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	3.0645e+01	-2.1311e+01	-1.9791e+00
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	2.2807e+01	-7.1555e+00	-1.1872e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	2.4935e+01	-5.9199e+00	-7.4919e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	2.8270e+01	-1.1211e+01	-5.1096e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	2.8348e+01	-1.4678e+01	-9.4899e+00
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	1.7254e+01	4.6006e+00	-1.1967e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	1.9406e+01	3.2894e+00	-7.6359e+00
	1424	0.0000e+00	0.0000e+00	0.0000e+00	2.2903e+01	-2.3181e+00	-8.0045e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	2.2534e+01	-2.9015e+00	-1.2336e+01
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	1.3605e+01	1.3263e+01	-8.2991e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	1.5324e+01	1.0390e+01	-5.4052e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	1.7800e+01	6.2505e+00	-7.8014e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	1.6993e+01	8.1073e+00	-1.0695e+01
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	1.2245e+01	1.7460e+01	-2.8256e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	1.3498e+01	1.3954e+01	-1.7359e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	1.4481e+01	1.2058e+01	-5.1398e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	1.3470e+01	1.5272e+01	-6.2295e+00
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	1.3140e+01	1.7016e+01	2.9825e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	1.4063e+01	1.3670e+01	2.2569e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	1.3441e+01	1.4207e+01	-1.2568e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	1.2291e+01	1.7797e+01	-5.3120e-01
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	1.6281e+01	1.2067e+01	7.9209e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	1.6906e+01	9.7388e+00	5.4327e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	1.4772e+01	1.2532e+01	2.6486e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	1.3373e+01	1.5700e+01	5.1369e+00
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	2.1351e+01	3.3792e+00	1.0624e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	2.1581e+01	2.9644e+00	6.7092e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	1.8334e+01	7.3511e+00	5.5253e+00
	1408	0.0000e+00	0.0000e+00	0.0000e+00	1.6666e+01	9.2735e+00	9.4400e+00
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	2.6837e+01	-6.4405e+00	9.7172e+00
	1417	0.0000e+00	0.0000e+00	0.0000e+00	2.6799e+01	-4.6053e+00	5.5644e+00
	1418	0.0000e+00	0.0000e+00	0.0000e+00	2.3431e+01	-1.0747e-01	6.5649e+00
	1407	0.0000e+00	0.0000e+00	0.0000e+00	2.1789e+01	-2.4729e-01	1.0718e+01
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	2.9662e+01	-1.2528e+01	5.1151e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	3.0415e+01	-9.5974e+00	2.8470e+00
	1417	0.0000e+00	0.0000e+00	0.0000e+00	2.8288e+01	-7.1423e+00	5.5070e+00
	1406	0.0000e+00	0.0000e+00	0.0000e+00	2.7193e+01	-9.4624e+00	7.7751e+00
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	2.0632e+01	-2.7186e+01	-1.1388e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	2.9316e+01	-2.1004e+01	-8.5601e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	3.1362e+01	-2.4225e+01	-7.1935e-01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	2.4316e+01	-3.3521e+01	-3.5467e+00

1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	1.3512e+01	-8.8655e+00	-1.8831e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	2.2657e+01	-8.5081e+00	-1.3051e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	2.6554e+01	-1.6264e+01	-1.0299e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	2.1326e+01	-2.1339e+01	-1.6079e+01
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	8.2521e+00	8.1282e+00	-1.6945e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	1.5907e+01	4.9503e+00	-1.2205e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	1.9873e+01	-3.1147e+00	-1.4174e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	1.3890e+01	-2.4057e+00	-1.8914e+01
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	5.6496e+00	1.9267e+01	-1.0618e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	1.1615e+01	1.4582e+01	-7.9646e+00
	1412	0.0000e+00	0.0000e+00	0.0000e+00	1.4229e+01	8.8486e+00	-1.2372e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	8.4136e+00	1.2863e+01	-1.5025e+01
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	4.9548e+00	2.4286e+01	-2.9569e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	9.9973e+00	1.9063e+01	-2.1060e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	1.0934e+01	1.6584e+01	-7.3687e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	5.7420e+00	2.1750e+01	-8.2196e+00
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	5.7232e+00	2.3686e+01	4.8119e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	1.0714e+01	1.8470e+01	4.1245e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	1.0003e+01	1.9353e+01	-1.2000e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	5.0411e+00	2.4648e+01	-5.1267e-01
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	8.2467e+00	1.7401e+01	1.1891e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	1.3684e+01	1.3055e+01	9.5408e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	1.1364e+01	1.7106e+01	4.8669e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	5.8044e+00	2.1986e+01	7.2170e+00
1209	1396	0.0000e+00	0.0000e+00	0.0000e+00	1.3171e+01	5.2487e+00	1.6605e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	1.8816e+01	3.5660e+00	1.2402e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	1.5204e+01	9.9425e+00	9.7006e+00
	1397	0.0000e+00	0.0000e+00	0.0000e+00	8.2664e+00	1.3592e+01	1.3904e+01
1210	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.9704e+01	-1.0436e+01	1.5776e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	2.4973e+01	-7.4111e+00	1.0643e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	2.1280e+01	-9.3236e-01	1.1803e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	1.2995e+01	-1.9881e-01	1.6937e+01
1211	1394	0.0000e+00	0.0000e+00	0.0000e+00	2.2468e+01	-2.0858e+01	7.0073e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	2.9556e+01	-1.4641e+01	4.3491e+00
	1406	0.0000e+00	0.0000e+00	0.0000e+00	2.7389e+01	-1.1452e+01	9.5854e+00
	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.9249e+01	-1.5572e+01	1.2244e+01
1212	1392	0.0000e+00	0.0000e+00	0.0000e+00	-3.5261e-01	-4.1390e+01	-1.8945e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	2.0683e+01	-3.2718e+01	-1.4130e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	2.3667e+01	-3.9046e+01	-1.6808e+00
	1393	0.0000e+00	0.0000e+00	0.0000e+00	6.4199e+00	-5.4949e+01	-6.4958e+00
1213	1391	0.0000e+00	0.0000e+00	0.0000e+00	-7.0609e+00	-7.8383e+00	-2.6295e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	1.0821e+01	-1.0215e+01	-1.9187e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	1.5526e+01	-2.4003e+01	-1.7742e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	2.6372e+00	-2.9232e+01	-2.4850e+01
1214	1390	0.0000e+00	0.0000e+00	0.0000e+00	-8.1119e+00	1.4541e+01	-1.9600e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	4.1063e+00	9.4939e+00	-1.6367e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	7.8771e+00	-3.0154e+00	-2.1090e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-5.3312e+00	1.2595e+00	-2.4323e+01
1215	1389	0.0000e+00	0.0000e+00	0.0000e+00	-7.0339e+00	2.7091e+01	-1.0900e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.4938e+00	2.1411e+01	-9.9820e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	3.3112e+00	1.3528e+01	-1.6229e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-6.9913e+00	2.0179e+01	-1.7147e+01
1216	1388	0.0000e+00	0.0000e+00	0.0000e+00	-6.0717e+00	3.2291e+01	-2.4923e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.0199e+00	2.6315e+01	-2.4245e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.5048e+00	2.3186e+01	-8.7539e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-6.4192e+00	2.9704e+01	-8.8217e+00
1217	1387	0.0000e+00	0.0000e+00	0.0000e+00	-5.9255e+00	3.1669e+01	5.6992e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	1.6291e+00	2.5277e+01	5.4495e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.1207e+00	2.6575e+01	-8.6048e-01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-5.9231e+00	3.2639e+01	-6.1074e-01
1218	1386	0.0000e+00	0.0000e+00	0.0000e+00	-6.0758e+00	2.4903e+01	1.3967e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	3.4562e+00	1.8309e+01	1.3054e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	1.7736e+00	2.4103e+01	6.8021e+00

	1387	0.0000e+00	0.0000e+00	0.0000e+00	-6.2438e+00	2.9850e+01	7.7154e+00
1219	1385	0.0000e+00	0.0000e+00	0.0000e+00	-4.5850e+00	9.7563e+00	2.1340e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	7.5615e+00	5.0499e+00	1.8553e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	4.2300e+00	1.5136e+01	1.3524e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-6.9003e+00	2.0356e+01	1.6311e+01
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	1.9889e+00	-1.5653e+01	2.3176e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.4186e+01	-1.2400e+01	1.7210e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	1.0104e+01	-8.8501e-01	1.7324e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-6.0184e+00	2.1420e+00	2.3291e+01
1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	4.5221e+00	-3.7214e+01	9.0631e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	2.0887e+01	-2.5303e+01	5.3410e+00
	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.8500e+01	-1.9651e+01	1.4620e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-6.3294e-01	-2.6057e+01	1.8342e+01
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	-4.7610e+01	-6.0931e+01	-2.9374e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.3808e+00	-5.0097e+01	-2.2093e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	2.9038e+00	-6.5112e+01	-3.9322e+00
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-3.7142e+01	-9.0128e+01	-1.1213e+01
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	-3.8839e+01	-2.6024e+00	-2.6147e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.4380e+01	-6.1930e+00	-2.3692e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.1890e+01	-3.3294e+01	-2.9124e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-3.6353e+01	-2.6162e+01	-3.1579e+01
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	-2.7730e+01	2.3152e+01	-1.4597e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.5255e+01	1.7877e+01	-1.7520e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.4375e+01	5.9181e-02	-2.5214e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-3.4532e+01	9.9718e+00	-2.2291e+01
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	-2.0128e+01	3.4775e+01	-7.1511e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.2411e+01	2.9958e+01	-9.9602e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.3361e+01	2.0515e+01	-1.6253e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-2.4870e+01	2.8119e+01	-1.3444e+01
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	-1.6727e+01	3.9234e+01	-1.2329e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-1.0487e+01	3.4390e+01	-2.4821e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.1115e+01	3.0946e+01	-7.8754e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-1.8630e+01	3.6748e+01	-6.6262e+00
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	-1.7547e+01	3.8637e+01	4.4486e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-1.0453e+01	3.3063e+01	5.0561e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-1.0271e+01	3.4590e+01	-2.6184e-01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-1.6498e+01	3.9514e+01	-8.6933e-01
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	-2.2478e+01	3.2645e+01	1.0995e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-1.1980e+01	2.5461e+01	1.3245e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-1.1327e+01	3.2544e+01	7.1813e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-1.8573e+01	3.7328e+01	4.9318e+00
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	-3.0946e+01	1.8290e+01	1.9364e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-1.2824e+01	8.9622e+00	2.2037e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-1.3527e+01	2.3541e+01	1.4693e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-2.4828e+01	2.8711e+01	1.2020e+01
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	-3.3139e+01	-1.1811e+01	2.8278e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-1.1111e+01	-1.8921e+01	2.6627e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-1.2887e+01	3.9532e+00	2.1116e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-3.4708e+01	7.7209e+00	2.2767e+01
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	-3.5501e+01	-6.6034e+01	1.1446e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	5.2237e-01	-4.5814e+01	6.2913e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-2.2188e+00	-3.3035e+01	2.1081e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-4.3204e+01	-4.2008e+01	2.6235e+01
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	-1.1135e+02	-3.8567e+00	1.5542e+00
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-7.9111e+01	-6.1858e+01	-1.6560e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-1.5357e+01	-1.1391e+02	-1.3487e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-2.1181e+02	-1.7798e+02	4.6278e+00
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	-6.4489e+01	9.8145e+00	3.1535e-01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-5.3769e+01	7.8030e+00	-1.9840e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-7.1000e+01	-3.6015e+01	-2.5276e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-8.8099e+01	-2.7295e+01	-5.1211e+00
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	-3.9715e+01	2.9513e+01	3.6645e-01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-3.4961e+01	2.7494e+01	-1.1644e+01

	1380	0.0000e+00	0.0000e+00	0.0000e+00	-4.4584e+01	7.8717e+00	-1.5281e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-5.4429e+01	1.3034e+01	-3.2713e+00
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	-2.6951e+01	3.8671e+01	3.2175e-01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-2.4165e+01	3.7089e+01	-6.1963e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-2.9853e+01	2.7987e+01	-8.5327e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	-3.4471e+01	3.1017e+01	-2.0146e+00
1236	670	0.0000e+00	0.0000e+00	0.0000e+00	-2.1871e+01	4.2141e+01	4.4159e-01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-1.9639e+01	4.0580e+01	-1.9170e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-2.1752e+01	3.7396e+01	-3.7201e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-2.4537e+01	3.9395e+01	-1.3615e+00
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	-2.3160e+01	4.1279e+01	7.2431e-01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-2.0543e+01	3.9385e+01	2.0959e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-1.9346e+01	4.0744e+01	3.2984e-01
	670	0.0000e+00	0.0000e+00	0.0000e+00	-2.1578e+01	4.2336e+01	-1.0417e+00
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	-3.1211e+01	3.5467e+01	1.2990e+00
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-2.7035e+01	3.2671e+01	6.7191e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-2.2325e+01	3.9443e+01	4.5132e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-2.4938e+01	4.1003e+01	-9.0694e-01
1239	667	0.0000e+00	0.0000e+00	0.0000e+00	-4.8667e+01	2.1254e+01	2.3960e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-3.9932e+01	1.6581e+01	1.3047e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-3.1365e+01	3.2642e+01	9.7030e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	-3.5650e+01	3.4571e+01	-9.4838e-01
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	-7.8791e+01	-1.2530e+01	3.9867e+00
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-6.3863e+01	-2.0334e+01	2.2290e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-4.8044e+01	1.7050e+01	1.7365e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-5.7522e+01	1.8967e+01	-9.3789e-01
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	-1.8935e+02	-1.4439e+02	-5.1507e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.6364e+01	-8.6819e+01	1.2064e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-7.1202e+01	-4.2653e+01	1.5045e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-9.9627e+01	9.0309e+00	-2.1697e+00
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	1.8140e+01	-7.1690e+00	-2.5283e+00
	1371	0.0000e+00	0.0000e+00	0.0000e+00	9.2769e+00	7.7185e+00	3.2464e+00
	30	0.0000e+00	0.0000e+00	0.0000e+00	1.4216e+01	-2.2748e+01	3.4050e+00
	1362	0.0000e+00	0.0000e+00	0.0000e+00	2.4903e+01	-8.1736e+00	-2.3696e+00
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	1.2940e+01	-6.1576e-02	-2.7745e+00
	1370	0.0000e+00	0.0000e+00	0.0000e+00	5.8233e+00	1.2213e+01	1.0264e+00
	1371	0.0000e+00	0.0000e+00	0.0000e+00	6.5427e+00	-1.3030e+01	2.2618e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	1.9922e+01	-3.1945e+00	-1.5390e+00
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	9.6523e+00	5.8497e+00	-2.7549e+00
	1369	0.0000e+00	0.0000e+00	0.0000e+00	2.7982e+00	1.3965e+01	1.9568e-01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	3.6523e+00	-3.7545e+00	8.6383e-01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	1.4777e+01	3.0422e+00	-2.0868e+00
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	7.7227e+00	9.6483e+00	-1.7699e+00
	1368	0.0000e+00	0.0000e+00	0.0000e+00	4.8766e-01	1.3830e+01	1.3479e-01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	1.1938e+00	3.7197e+00	1.3138e-01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	1.0876e+01	7.9081e+00	-1.7733e+00
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	7.3809e+00	1.1096e+01	-4.8034e-02
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-5.1003e-01	1.1770e+01	4.8508e-01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-3.1126e-01	9.1898e+00	1.0099e-01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	8.2624e+00	1.0622e+01	-4.3212e-01
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	8.7594e+00	1.0079e+01	1.7347e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	8.6253e-02	7.7353e+00	7.8061e-01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-3.6033e-01	1.2601e+01	4.5072e-01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	7.2726e+00	1.0908e+01	1.4048e+00
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.1696e+01	6.6642e+00	2.8324e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	2.0896e+00	1.7646e+00	5.5800e-01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	1.1710e+00	1.3966e+01	7.2001e-01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	8.0060e+00	8.7461e+00	2.9944e+00
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.5772e+01	1.1951e+00	2.7034e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	4.9046e+00	-6.0325e+00	-4.9390e-01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	3.9313e+00	1.3390e+01	4.4945e-01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.0267e+01	4.3000e+00	3.6467e+00
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	2.0850e+01	-5.4393e+00	1.5450e+00



	1363	0.0000e+00	0.0000e+00	0.0000e+00	7.8873e+00	-1.5384e+01	-2.2926e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	7.2135e+00	1.0969e+01	-7.0284e-01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.3748e+01	-2.1146e+00	3.1347e+00
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	2.5776e+01	-1.0415e+01	1.7808e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	1.5169e+01	-2.4772e+01	-3.8327e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	1.0606e+01	5.8645e+00	-3.3114e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	1.8965e+01	-9.5214e+00	2.3021e+00
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	2.7006e+01	-6.7651e+00	-3.9887e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	2.2180e+01	-6.5525e+00	-1.8186e+00
	1362	0.0000e+00	0.0000e+00	0.0000e+00	2.4659e+01	-7.7346e+00	-1.0004e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	2.8924e+01	-9.1371e+00	-3.1706e+00
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	2.2343e+01	1.1783e-02	-5.5867e+00
	1360	0.0000e+00	0.0000e+00	0.0000e+00	1.7852e+01	-4.5516e-01	-2.0713e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	2.1497e+01	-2.1889e+00	-1.1644e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	2.5822e+01	-4.4461e+00	-4.6798e+00
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	1.7663e+01	7.0218e+00	-5.4051e+00
	1359	0.0000e+00	0.0000e+00	0.0000e+00	1.3845e+01	5.7662e+00	-2.1907e+00
	1360	0.0000e+00	0.0000e+00	0.0000e+00	1.6761e+01	4.1322e+00	-2.0535e+00
	1349	0.0000e+00	0.0000e+00	0.0000e+00	2.1261e+01	2.6056e+00	-5.2679e+00
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	1.4519e+01	1.1906e+01	-3.3326e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	1.1016e+01	1.0129e+01	-1.2250e+00
	1359	0.0000e+00	0.0000e+00	0.0000e+00	1.2850e+01	9.0385e+00	-2.1116e+00
	1348	0.0000e+00	0.0000e+00	0.0000e+00	1.6956e+01	9.0121e+00	-4.2192e+00
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	1.3402e+01	1.3697e+01	-1.5325e-01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	9.9281e+00	1.1977e+01	4.9666e-01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	1.0475e+01	1.1704e+01	-9.7891e-01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	1.4172e+01	1.2897e+01	-1.6288e+00
1257	1345	0.0000e+00	0.0000e+00	0.0000e+00	1.4419e+01	1.2125e+01	3.1049e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.0784e+01	1.1129e+01	2.2071e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	9.9731e+00	1.1759e+01	7.9765e-01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	1.3410e+01	1.3546e+01	1.6955e+00
1258	1344	0.0000e+00	0.0000e+00	0.0000e+00	1.7446e+01	7.3207e+00	5.4067e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.3469e+01	7.6976e+00	3.0745e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.1415e+01	9.1307e+00	2.4010e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	1.4774e+01	1.0837e+01	4.7331e+00
1259	1343	0.0000e+00	0.0000e+00	0.0000e+00	2.1923e+01	7.9420e-02	5.8966e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.7577e+01	2.1240e+00	2.5312e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.4542e+01	4.0490e+00	3.0528e+00
	1344	0.0000e+00	0.0000e+00	0.0000e+00	1.8138e+01	5.0638e+00	6.4182e+00
1260	1342	0.0000e+00	0.0000e+00	0.0000e+00	2.6424e+01	-7.4951e+00	4.4838e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	2.2321e+01	-4.6403e+00	9.8709e-01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.8696e+01	-2.7333e+00	2.4142e+00
	1343	0.0000e+00	0.0000e+00	0.0000e+00	2.2963e+01	-2.6956e+00	5.9109e+00
1261	1341	0.0000e+00	0.0000e+00	0.0000e+00	2.9122e+01	-1.1932e+01	2.1048e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	2.4989e+01	-1.0252e+01	2.9284e-01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	2.2890e+01	-9.0069e+00	1.5607e+00
	1342	0.0000e+00	0.0000e+00	0.0000e+00	2.7549e+01	-9.8299e+00	3.3726e+00
1262	1339	0.0000e+00	0.0000e+00	0.0000e+00	2.7147e+01	-9.6527e+00	-7.8817e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	2.8271e+01	-7.2624e+00	-5.6072e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	3.0413e+01	-9.7250e+00	-2.8872e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	2.9613e+01	-1.2704e+01	-5.1617e+00
1263	1338	0.0000e+00	0.0000e+00	0.0000e+00	2.1729e+01	-4.1107e-01	-1.0948e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	2.3396e+01	-1.7101e-01	-6.7816e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	2.6787e+01	-4.7171e+00	-5.6946e+00
	1339	0.0000e+00	0.0000e+00	0.0000e+00	2.6780e+01	-6.6227e+00	-9.8609e+00
1264	1337	0.0000e+00	0.0000e+00	0.0000e+00	1.6586e+01	9.2083e+00	-9.8298e+00
	1348	0.0000e+00	0.0000e+00	0.0000e+00	1.8266e+01	7.4117e+00	-5.8911e+00
	1349	0.0000e+00	0.0000e+00	0.0000e+00	2.1549e+01	2.9229e+00	-6.9641e+00
	1338	0.0000e+00	0.0000e+00	0.0000e+00	2.1283e+01	3.2446e+00	-1.0903e+01
1265	1336	0.0000e+00	0.0000e+00	0.0000e+00	1.3263e+01	1.5839e+01	-5.7123e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	1.4648e+01	1.2811e+01	-3.1832e+00
	1348	0.0000e+00	0.0000e+00	0.0000e+00	1.6837e+01	9.8425e+00	-5.8406e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	1.6199e+01	1.2061e+01	-8.3697e+00

1266	1335	0.0000e+00	0.0000e+00	0.0000e+00	1.2129e+01	1.8289e+01	-2.3088e-01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	1.3231e+01	1.4828e+01	5.6177e-01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	1.3930e+01	1.4022e+01	-2.8295e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	1.3036e+01	1.7256e+01	-3.6222e+00
1267	1334	0.0000e+00	0.0000e+00	0.0000e+00	1.3217e+01	1.6317e+01	5.3300e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	1.4145e+01	1.3171e+01	4.3452e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	1.3263e+01	1.4692e+01	1.0204e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	1.2102e+01	1.8109e+01	2.0052e+00
1268	1333	0.0000e+00	0.0000e+00	0.0000e+00	1.6588e+01	9.9451e+00	9.7974e+00
	1344	0.0000e+00	0.0000e+00	0.0000e+00	1.7297e+01	8.0113e+00	7.0536e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	1.4937e+01	1.1675e+01	4.6264e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	1.3387e+01	1.4533e+01	7.3702e+00
1269	1332	0.0000e+00	0.0000e+00	0.0000e+00	2.1929e+01	-6.1365e-02	1.1718e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	2.2220e+01	1.9002e-01	7.5639e+00
	1344	0.0000e+00	0.0000e+00	0.0000e+00	1.8821e+01	5.2788e+00	6.9596e+00
	1333	0.0000e+00	0.0000e+00	0.0000e+00	1.6909e+01	6.7230e+00	1.1114e+01
1270	1331	0.0000e+00	0.0000e+00	0.0000e+00	2.7555e+01	-1.0823e+01	9.5961e+00
	1342	0.0000e+00	0.0000e+00	0.0000e+00	2.7524e+01	-8.0312e+00	5.3379e+00
	1343	0.0000e+00	0.0000e+00	0.0000e+00	2.4158e+01	-3.1680e+00	7.1830e+00
	1332	0.0000e+00	0.0000e+00	0.0000e+00	2.2292e+01	-4.0180e+00	1.1441e+01
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	3.0228e+01	-1.6858e+01	3.3673e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	3.0635e+01	-1.2798e+01	1.3748e+00
	1342	0.0000e+00	0.0000e+00	0.0000e+00	2.9001e+01	-1.0638e+01	5.0871e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	2.7824e+01	-1.3906e+01	7.0796e+00
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.9204e+01	-1.5864e+01	-1.2353e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	2.7342e+01	-1.1671e+01	-9.6960e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	2.9520e+01	-1.4843e+01	-4.3981e+00
	1329	0.0000e+00	0.0000e+00	0.0000e+00	2.2409e+01	-2.1109e+01	-7.0551e+00
1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	1.2958e+01	-5.0153e-01	-1.7166e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	2.1230e+01	-1.1325e+00	-1.2036e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	2.4934e+01	-7.6326e+00	-1.0785e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.9650e+01	-1.0731e+01	-1.5916e+01
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	8.2479e+00	1.3355e+01	-1.4291e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	1.5150e+01	9.8360e+00	-1.0091e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	1.8777e+01	3.3789e+00	-1.2675e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	1.3133e+01	4.9624e+00	-1.6876e+01
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	5.8139e+00	2.1932e+01	-7.7934e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	1.1303e+01	1.7204e+01	-5.4423e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	1.3644e+01	1.2985e+01	-9.9777e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	8.2371e+00	1.7211e+01	-1.2329e+01
1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	5.0771e+00	2.4954e+01	-2.6972e-01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	9.9190e+00	1.9816e+01	4.3381e-01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	1.0666e+01	1.8643e+01	-4.7442e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	5.7554e+00	2.3726e+01	-5.4477e+00
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	5.7737e+00	2.2675e+01	7.2504e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	1.0789e+01	1.7627e+01	6.4536e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	9.9183e+00	1.9657e+01	1.3136e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	5.0301e+00	2.4757e+01	2.1103e+00
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	8.3537e+00	1.4757e+01	1.3968e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	1.3953e+01	1.0734e+01	1.1442e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	1.1449e+01	1.5841e+01	7.0665e+00
	1323	0.0000e+00	0.0000e+00	0.0000e+00	5.7394e+00	2.0455e+01	9.5924e+00
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	1.3586e+01	8.6575e-01	1.8031e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	1.9373e+01	-1.4616e-01	1.3525e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	1.5557e+01	7.1622e+00	1.1370e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	8.2716e+00	1.0406e+01	1.5875e+01
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	2.0561e+01	-1.6422e+01	1.5910e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	2.5836e+01	-1.2161e+01	1.0443e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	2.2011e+01	-5.1227e+00	1.2597e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	1.3308e+01	-5.1126e+00	1.8064e+01
1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	2.3732e+01	-2.7313e+01	4.9954e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	3.0162e+01	-1.9436e+01	2.2990e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	2.8407e+01	-1.6442e+01	9.0363e+00

	1320	0.0000e+00	0.0000e+00	0.0000e+00	2.0024e+01	-2.1864e+01	1.1733e+01
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	-6.5163e-01	-2.6440e+01	-1.8435e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.8463e+01	-1.9967e+01	-1.4727e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	2.0848e+01	-2.5578e+01	-5.3930e+00
	1318	0.0000e+00	0.0000e+00	0.0000e+00	4.4759e+00	-3.7531e+01	-9.1008e+00
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	-6.0055e+00	1.7136e+00	-2.3490e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	1.0087e+01	-1.2192e+00	-1.7545e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.4160e+01	-1.2733e+01	-1.7349e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	1.9672e+00	-1.6054e+01	-2.3293e+01
1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	-6.8286e+00	1.9961e+01	-1.6647e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	4.2485e+00	1.4862e+01	-1.3893e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	7.5630e+00	4.7136e+00	-1.8815e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-4.5641e+00	9.3303e+00	-2.1568e+01
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	-6.0785e+00	2.9610e+01	-8.2191e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.8445e+00	2.4013e+01	-7.3521e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	3.5037e+00	1.8056e+01	-1.3472e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-5.9809e+00	2.4540e+01	-1.4339e+01
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	-5.6314e+00	3.2744e+01	-9.1227e-02
	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.2529e+00	2.6854e+01	1.0728e-01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.7406e+00	2.5245e+01	-6.0494e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-5.7168e+00	3.1509e+01	-6.2479e+00
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	-5.9890e+00	3.0442e+01	7.9022e+00
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.6791e+00	2.4107e+01	7.8017e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.1990e+00	2.6713e+01	1.6338e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-5.7126e+00	3.2553e+01	1.7343e+00
1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	-6.4754e+00	2.1981e+01	1.6027e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	3.4495e+00	1.5466e+01	1.5148e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.7033e+00	2.2549e+01	9.0313e+00
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-6.5111e+00	2.8108e+01	9.9106e+00
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	-4.9171e+00	4.7431e+00	2.3142e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	7.7924e+00	3.8605e-01	2.0116e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	4.2221e+00	1.1805e+01	1.5377e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	-7.4788e+00	1.6803e+01	1.8403e+01
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	2.4253e+00	-2.3344e+01	2.4066e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.5032e+01	-1.8806e+01	1.7455e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	1.0579e+01	-6.2401e+00	1.8455e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-6.5165e+00	-3.6753e+00	2.5065e+01
1291	1308	0.0000e+00	0.0000e+00	0.0000e+00	6.0308e+00	-4.6477e+01	7.4094e+00
	1319	0.0000e+00	0.0000e+00	0.0000e+00	2.1968e+01	-3.2425e+01	3.1849e+00
	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.9784e+01	-2.6671e+01	1.4347e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-3.4482e-01	-3.4654e+01	1.8572e+01
1292	1306	0.0000e+00	0.0000e+00	0.0000e+00	-4.3188e+01	-4.2479e+01	-2.6295e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-2.2235e+00	-3.3438e+01	-2.1168e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	4.9819e-01	-4.6150e+01	-6.3321e+00
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-3.5521e+01	-6.6396e+01	-1.1459e+01
1293	1305	0.0000e+00	0.0000e+00	0.0000e+00	-3.4649e+01	7.1955e+00	-2.2913e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-1.2852e+01	3.4979e+00	-2.1296e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.1105e+01	-1.9352e+01	-2.6741e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-3.3119e+01	-1.2300e+01	-2.8358e+01
1294	1304	0.0000e+00	0.0000e+00	0.0000e+00	-2.4678e+01	2.8197e+01	-1.2257e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-1.3421e+01	2.3118e+01	-1.4991e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-1.2766e+01	8.4951e+00	-2.2256e+01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-3.0871e+01	1.7757e+01	-1.9522e+01
1295	1303	0.0000e+00	0.0000e+00	0.0000e+00	-1.8272e+01	3.6943e+01	-5.2850e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-1.1105e+01	3.2275e+01	-7.6268e+00
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-1.1831e+01	2.5045e+01	-1.3589e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	-2.2291e+01	3.2147e+01	-1.1248e+01
1296	1302	0.0000e+00	0.0000e+00	0.0000e+00	-1.5973e+01	3.9446e+01	3.7067e-01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-9.8868e+00	3.4672e+01	-3.6210e-01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-1.0164e+01	3.2835e+01	-5.5541e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	-1.7181e+01	3.8309e+01	-4.8213e+00
1297	1301	0.0000e+00	0.0000e+00	0.0000e+00	-1.7797e+01	3.7290e+01	5.9461e+00
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-1.0534e+01	3.1681e+01	7.0434e+00

	1313	0.0000e+00	0.0000e+00	0.0000e+00	-1.0007e+01	3.4567e+01	1.8064e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-1.6101e+01	3.9295e+01	7.0907e-01
1298	1300	0.0000e+00	0.0000e+00	0.0000e+00	-2.3654e+01	2.9712e+01	1.2535e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	-1.2596e+01	2.2357e+01	1.5194e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-1.1710e+01	3.0875e+01	9.0933e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-1.9151e+01	3.5564e+01	6.4338e+00
1299	1299	0.0000e+00	0.0000e+00	0.0000e+00	-3.2907e+01	1.3289e+01	2.1099e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-1.3606e+01	3.6698e+00	2.3970e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	-1.4373e+01	2.0053e+01	1.6492e+01
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-2.6323e+01	2.5195e+01	1.3622e+01
1300	1298	0.0000e+00	0.0000e+00	0.0000e+00	-3.5010e+01	-2.0043e+01	3.0162e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-1.1331e+01	-2.7096e+01	2.8054e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-1.3624e+01	-2.0154e+00	2.2641e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-3.6989e+01	1.6166e+00	2.4749e+01
1301	1297	0.0000e+00	0.0000e+00	0.0000e+00	-3.5241e+01	-7.9577e+01	1.1093e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	1.4165e+00	-5.6024e+01	4.5301e+00
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-1.4000e+00	-4.2643e+01	2.1652e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-4.5723e+01	-5.2889e+01	2.8215e+01
1302	557	0.0000e+00	0.0000e+00	0.0000e+00	-9.9618e+01	8.5326e+00	2.1149e+00
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-7.1168e+01	-4.3152e+01	-1.5100e+01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.6351e+01	-8.7197e+01	-1.2055e+01
	19	0.0000e+00	0.0000e+00	0.0000e+00	-1.8932e+02	-1.4489e+02	5.1600e+00
1303	556	0.0000e+00	0.0000e+00	0.0000e+00	-5.7447e+01	1.8393e+01	8.6843e-01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-4.7974e+01	1.6509e+01	-1.7480e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-6.3832e+01	-2.0845e+01	-2.2375e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	-7.8769e+01	-1.3065e+01	-4.0268e+00
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	-3.5465e+01	3.3996e+01	8.4446e-01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	-3.1195e+01	3.2111e+01	-9.8862e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-3.9835e+01	1.6021e+01	-1.3193e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	-4.8568e+01	2.0663e+01	-2.4621e+00
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	-2.4574e+01	4.0545e+01	7.6090e-01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	-2.1989e+01	3.9040e+01	-4.7807e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	-2.6814e+01	3.2139e+01	-6.9392e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	-3.0978e+01	3.4895e+01	-1.3976e+00
1306	553	0.0000e+00	0.0000e+00	0.0000e+00	-2.0942e+01	4.2185e+01	8.4606e-01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-1.8762e+01	4.0662e+01	-7.0105e-01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	-2.0124e+01	3.9012e+01	-2.4084e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-2.2715e+01	4.0860e+01	-8.6132e-01
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	-2.3502e+01	3.9842e+01	1.1069e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-2.0816e+01	3.7935e+01	3.2201e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-1.8928e+01	4.0578e+01	1.4914e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	-2.1108e+01	4.2083e+01	-6.2176e-01
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	-3.2850e+01	3.2502e+01	1.6849e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-2.8429e+01	2.9610e+01	7.8640e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-2.3038e+01	3.7779e+01	5.6298e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	-2.5721e+01	3.9298e+01	-5.4929e-01
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	-5.1901e+01	1.6246e+01	2.8341e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-4.2532e+01	1.1316e+01	1.4372e+01
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-3.3256e+01	2.9361e+01	1.0895e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-3.7798e+01	3.1296e+01	-6.4355e-01
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	-8.4310e+01	-2.1087e+01	4.5281e+00
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-6.7928e+01	-2.9385e+01	2.4002e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-5.1290e+01	1.1565e+01	1.8803e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-6.1489e+01	1.3529e+01	-6.7052e-01
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	-2.0114e+02	-1.6369e+02	-5.0820e+00
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-1.7404e+01	-1.0255e+02	1.2781e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-7.5764e+01	-5.3300e+01	1.6067e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.0658e+02	1.3576e+00	-1.7955e+00
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	1.8965e+01	-9.5215e+00	-2.3021e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	1.0605e+01	5.8645e+00	3.3114e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	1.5168e+01	-2.4772e+01	3.8327e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.5776e+01	-1.0415e+01	-1.7808e+00
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.3748e+01	-2.1147e+00	-3.1347e+00

	1295	0.0000e+00	0.0000e+00	0.0000e+00	7.2134e+00	1.0969e+01	7.0286e-01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	7.8872e+00	-1.5385e+01	2.2926e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.0850e+01	-5.4394e+00	-1.5449e+00
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.0267e+01	4.3000e+00	-3.6467e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	3.9313e+00	1.3390e+01	-4.4943e-01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	4.9045e+00	-6.0326e+00	4.9392e-01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.5772e+01	1.1950e+00	-2.7034e+00
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	8.0059e+00	8.7460e+00	-2.9943e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	1.1710e+00	1.3966e+01	-7.1998e-01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	2.0895e+00	1.7645e+00	-5.5797e-01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.1696e+01	6.6642e+00	-2.8323e+00
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	7.2726e+00	1.0908e+01	-1.4048e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-3.6036e-01	1.2601e+01	-4.5068e-01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	8.6210e-02	7.7352e+00	-7.8057e-01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	8.7593e+00	1.0079e+01	-1.7347e+00
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	8.2623e+00	1.0622e+01	4.3217e-01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-3.1129e-01	9.1899e+00	-1.0094e-01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-5.1007e-01	1.1770e+01	-4.8503e-01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	7.3808e+00	1.1096e+01	4.8076e-02
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.0876e+01	7.9082e+00	1.7733e+00
	1290	0.0000e+00	0.0000e+00	0.0000e+00	1.1938e+00	3.7198e+00	-1.3132e-01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	4.8762e-01	1.3830e+01	-1.3473e-01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	7.7227e+00	9.6483e+00	1.7699e+00
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.4777e+01	3.0423e+00	2.0868e+00
	1289	0.0000e+00	0.0000e+00	0.0000e+00	3.6523e+00	-3.7543e+00	-8.6376e-01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	2.7981e+00	1.3965e+01	-1.9561e-01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	9.6523e+00	5.8498e+00	2.7550e+00
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.9922e+01	-3.1944e+00	1.5391e+00
	1288	0.0000e+00	0.0000e+00	0.0000e+00	6.5427e+00	-1.3030e+01	-2.2617e+00
	1289	0.0000e+00	0.0000e+00	0.0000e+00	5.8232e+00	1.2213e+01	-1.0263e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.2939e+01	-6.1476e-02	2.7745e+00
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	2.4903e+01	-8.1736e+00	2.3696e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	1.4215e+01	-2.2748e+01	-3.4049e+00
	1288	0.0000e+00	0.0000e+00	0.0000e+00	9.2768e+00	7.7186e+00	-3.2463e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.8140e+01	-7.1688e+00	2.5283e+00
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	2.7549e+01	-9.8300e+00	-3.3726e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.2890e+01	-9.0070e+00	-1.5607e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.4989e+01	-1.0252e+01	-2.9285e-01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	2.9122e+01	-1.1932e+01	-2.1048e+00
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	2.2963e+01	-2.6957e+00	-5.9108e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.8696e+01	-2.7333e+00	-2.4141e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.2321e+01	-4.6404e+00	-9.8706e-01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	2.6424e+01	-7.4951e+00	-4.4838e+00
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.8138e+01	5.0638e+00	-6.4181e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.4542e+01	4.0489e+00	-3.0528e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.7576e+01	2.1239e+00	-2.5312e+00
	1274	0.0000e+00	0.0000e+00	0.0000e+00	2.1923e+01	7.9358e-02	-5.8965e+00
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.4774e+01	1.0837e+01	-4.7331e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.1415e+01	9.1306e+00	-2.4009e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.3469e+01	7.6976e+00	-3.0745e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.7446e+01	7.3207e+00	-5.4067e+00
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.3410e+01	1.3546e+01	-1.6954e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	9.9730e+00	1.1759e+01	-7.9760e-01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.0784e+01	1.1129e+01	-2.2071e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.4419e+01	1.2125e+01	-3.1049e+00
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	1.4172e+01	1.2897e+01	1.6289e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.0475e+01	1.1704e+01	9.7896e-01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	9.9281e+00	1.1977e+01	-4.9661e-01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.3402e+01	1.3697e+01	1.5329e-01
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	1.6956e+01	9.0121e+00	4.2193e+00
	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.2850e+01	9.0386e+00	2.1117e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.1016e+01	1.0129e+01	1.2250e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	1.4519e+01	1.1906e+01	3.3326e+00

1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	2.1260e+01	2.6057e+00	5.2679e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.6760e+01	4.1323e+00	2.0535e+00
	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.3845e+01	5.7663e+00	2.1908e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	1.7662e+01	7.0219e+00	5.4052e+00
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	2.5822e+01	-4.4460e+00	4.6798e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	2.1497e+01	-2.1888e+00	1.1644e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.7852e+01	-4.5506e-01	2.0714e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	2.2343e+01	1.1869e-02	5.5867e+00
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	2.8924e+01	-9.1371e+00	3.1706e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	2.4659e+01	-7.7346e+00	1.0004e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	2.2179e+01	-6.5524e+00	1.8186e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	2.7006e+01	-6.7650e+00	3.9888e+00
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.7824e+01	-1.3906e+01	-7.0796e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	2.9001e+01	-1.0638e+01	-5.0871e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	3.0635e+01	-1.2798e+01	-1.3748e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	3.0228e+01	-1.6858e+01	-3.3673e+00
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	2.2292e+01	-4.0181e+00	-1.1441e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	2.4158e+01	-3.1680e+00	-7.1830e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	2.7524e+01	-8.0313e+00	-5.3379e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.7555e+01	-1.0824e+01	-9.5961e+00
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.6909e+01	6.7230e+00	-1.1114e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.8821e+01	5.2788e+00	-6.9596e+00
	1274	0.0000e+00	0.0000e+00	0.0000e+00	2.2220e+01	1.8996e-01	-7.5638e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	2.1929e+01	-6.1424e-02	-1.1718e+01
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.3387e+01	1.4533e+01	-7.3702e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.4937e+01	1.1675e+01	-4.6263e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	1.7297e+01	8.0112e+00	-7.0536e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.6588e+01	9.9450e+00	-9.7974e+00
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	1.2102e+01	1.8109e+01	-2.0052e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.3263e+01	1.4692e+01	-1.0203e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	1.4145e+01	1.3171e+01	-4.3452e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.3217e+01	1.6317e+01	-5.3300e+00
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	1.3036e+01	1.7256e+01	3.6222e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	1.3930e+01	1.4022e+01	2.8295e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.3231e+01	1.4828e+01	-5.6174e-01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	1.2129e+01	1.8289e+01	2.3090e-01
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	1.6199e+01	1.2061e+01	8.3697e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	1.6837e+01	9.8426e+00	5.8407e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	1.4648e+01	1.2811e+01	3.1833e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	1.3263e+01	1.5839e+01	5.7123e+00
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.1283e+01	3.2447e+00	1.0903e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	2.1549e+01	2.9230e+00	6.9642e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	1.8266e+01	7.4118e+00	5.8911e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	1.6585e+01	9.2083e+00	9.8298e+00
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.6780e+01	-6.6226e+00	9.8609e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	2.6786e+01	-4.7170e+00	5.6947e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	2.3396e+01	-1.7093e-01	6.7816e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.1728e+01	-4.1099e-01	1.0948e+01
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.9613e+01	-1.2704e+01	5.1617e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	3.0413e+01	-9.7250e+00	2.8872e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	2.8270e+01	-7.2623e+00	5.6073e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.7146e+01	-9.6526e+00	7.8818e+00
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	2.0024e+01	-2.1864e+01	-1.1733e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.8407e+01	-1.6442e+01	-9.0363e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	3.0162e+01	-1.9436e+01	-2.2990e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	2.3732e+01	-2.7313e+01	-4.9954e+00
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.3308e+01	-5.1127e+00	-1.8064e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	2.2011e+01	-5.1227e+00	-1.2597e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.5836e+01	-1.2161e+01	-1.0443e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	2.0561e+01	-1.6422e+01	-1.5910e+01
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	8.2716e+00	1.0406e+01	-1.5875e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.5557e+01	7.1621e+00	-1.1369e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	1.9373e+01	-1.4622e-01	-1.3525e+01

	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.3586e+01	8.6569e-01	-1.8031e+01
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	5.7394e+00	2.0455e+01	-9.5924e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.1449e+01	1.5841e+01	-7.0665e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	1.3953e+01	1.0734e+01	-1.1442e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	8.3537e+00	1.4757e+01	-1.3968e+01
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	5.0301e+00	2.4757e+01	-2.1103e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	9.9183e+00	1.9657e+01	-1.3135e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	1.0789e+01	1.7627e+01	-6.4536e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	5.7737e+00	2.2675e+01	-7.2504e+00
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	5.7553e+00	2.3726e+01	5.4477e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	1.0666e+01	1.8643e+01	4.7442e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	9.9190e+00	1.9816e+01	-4.3379e-01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	5.0770e+00	2.4954e+01	2.6972e-01
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	8.2370e+00	1.7211e+01	1.2329e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	1.3644e+01	1.2985e+01	9.9777e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	1.1303e+01	1.7204e+01	5.4423e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	5.8139e+00	2.1932e+01	7.7934e+00
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.3133e+01	4.9625e+00	1.6876e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	1.8777e+01	3.3790e+00	1.2675e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	1.5150e+01	9.8360e+00	1.0091e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	8.2479e+00	1.3355e+01	1.4291e+01
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.9650e+01	-1.0731e+01	1.5916e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.4933e+01	-7.6326e+00	1.0785e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.1230e+01	-1.1324e+00	1.2036e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.2957e+01	-5.0146e-01	1.7166e+01
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	2.2409e+01	-2.1109e+01	7.0551e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.9520e+01	-1.4843e+01	4.3982e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.7342e+01	-1.1671e+01	9.6960e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.9204e+01	-1.5864e+01	1.2353e+01
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	-3.4477e-01	-3.4654e+01	-1.8572e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.9784e+01	-2.6671e+01	-1.4347e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	2.1968e+01	-3.2425e+01	-3.1849e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	6.0308e+00	-4.6477e+01	-7.4094e+00
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	-6.5165e+00	-3.6754e+00	-2.5065e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.0579e+01	-6.2402e+00	-1.8455e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.5032e+01	-1.8806e+01	-1.7455e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	2.4253e+00	-2.3344e+01	-2.4066e+01
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	-7.4788e+00	1.6803e+01	-1.8403e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	4.2221e+00	1.1805e+01	-1.5377e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	7.7924e+00	3.8599e-01	-2.0116e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-4.9171e+00	4.7430e+00	-2.3142e+01
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	-6.5111e+00	2.8108e+01	-9.9106e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.7033e+00	2.2549e+01	-9.0313e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	3.4495e+00	1.5466e+01	-1.5148e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	-6.4754e+00	2.1981e+01	-1.6027e+01
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	-5.7126e+00	3.2553e+01	-1.7343e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.1990e+00	2.6713e+01	-1.6338e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.6791e+00	2.4107e+01	-7.8017e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	-5.9890e+00	3.0442e+01	-7.9022e+00
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	-5.7168e+00	3.1509e+01	6.2479e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.7405e+00	2.5245e+01	6.0494e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.2529e+00	2.6854e+01	-1.0727e-01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	-5.6314e+00	3.2744e+01	9.1221e-02
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	-5.9810e+00	2.4540e+01	1.4339e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	3.5037e+00	1.8056e+01	1.3472e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.8445e+00	2.4013e+01	7.3521e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	-6.0786e+00	2.9610e+01	8.2191e+00
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	-4.5641e+00	9.3304e+00	2.1568e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	7.5629e+00	4.7137e+00	1.8815e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	4.2485e+00	1.4862e+01	1.3893e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	-6.8287e+00	1.9961e+01	1.6647e+01
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	1.9671e+00	-1.6054e+01	2.3293e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.4160e+01	-1.2733e+01	1.7349e+01

	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.0087e+01	-1.2192e+00	1.7545e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-6.0055e+00	1.7137e+00	2.3490e+01
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	4.4759e+00	-3.7531e+01	9.1009e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	2.0848e+01	-2.5578e+01	5.3931e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.8463e+01	-1.9967e+01	1.4727e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-6.5168e-01	-2.6440e+01	1.8435e+01
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-4.5723e+01	-5.2889e+01	-2.8215e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.3999e+00	-4.2643e+01	-2.1652e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	1.4165e+00	-5.6024e+01	-4.5300e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-3.5241e+01	-7.9577e+01	-1.1093e+01
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	-3.6989e+01	1.6164e+00	-2.4749e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.3624e+01	-2.0155e+00	-2.2641e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.1331e+01	-2.7096e+01	-2.8054e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-3.5010e+01	-2.0043e+01	-3.0162e+01
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	-2.6323e+01	2.5195e+01	-1.3622e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	-1.4373e+01	2.0053e+01	-1.6492e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.3606e+01	3.6698e+00	-2.3970e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-3.2907e+01	1.3289e+01	-2.1100e+01
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	-1.9151e+01	3.5564e+01	-6.4338e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	-1.1710e+01	3.0875e+01	-9.0933e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	-1.2596e+01	2.2357e+01	-1.5194e+01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	-2.3654e+01	2.9712e+01	-1.2535e+01
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	-1.6101e+01	3.9295e+01	-7.0908e-01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	-1.0007e+01	3.4567e+01	-1.8064e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	-1.0534e+01	3.1681e+01	-7.0434e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	-1.7797e+01	3.7290e+01	-5.9461e+00
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	-1.7181e+01	3.8309e+01	4.8213e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	-1.0164e+01	3.2835e+01	5.5541e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	-9.8868e+00	3.4672e+01	3.6209e-01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-1.5973e+01	3.9446e+01	-3.7068e-01
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	-2.2291e+01	3.2147e+01	1.1248e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	-1.1831e+01	2.5045e+01	1.3589e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	-1.1105e+01	3.2275e+01	7.6268e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-1.8272e+01	3.6943e+01	5.2850e+00
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	-3.0871e+01	1.7757e+01	1.9522e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-1.2766e+01	8.4952e+00	2.2256e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	-1.3421e+01	2.3118e+01	1.4991e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-2.4678e+01	2.8197e+01	1.2257e+01
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	-3.3119e+01	-1.2300e+01	2.8358e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-1.1105e+01	-1.9352e+01	2.6741e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-1.2852e+01	3.4980e+00	2.1296e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-3.4649e+01	7.1956e+00	2.2913e+01
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	-3.5521e+01	-6.6396e+01	1.1459e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	4.9815e-01	-4.6150e+01	6.3322e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-2.2236e+00	-3.3438e+01	2.1168e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-4.3188e+01	-4.2478e+01	2.6295e+01
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	-1.0658e+02	1.3575e+00	1.7954e+00
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-7.5764e+01	-5.3300e+01	-1.6067e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-1.7404e+01	-1.0255e+02	-1.2780e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	-2.0114e+02	-1.6369e+02	5.0821e+00
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	-6.1489e+01	1.3529e+01	6.7049e-01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-5.1290e+01	1.1565e+01	-1.8803e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-6.7928e+01	-2.9385e+01	-2.4002e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	-8.4310e+01	-2.1087e+01	-4.5281e+00
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	-3.7798e+01	3.1296e+01	6.4353e-01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	-3.3256e+01	2.9361e+01	-1.0895e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-4.2532e+01	1.1316e+01	-1.4372e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	-5.1901e+01	1.6246e+01	-2.8341e+00
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	-2.5721e+01	3.9298e+01	5.4928e-01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	-2.3038e+01	3.7779e+01	-5.6298e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	-2.8429e+01	2.9610e+01	-7.8640e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	-3.2850e+01	3.2502e+01	-1.6849e+00
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	-2.1108e+01	4.2083e+01	6.2176e-01



	1227	0.0000e+00	0.0000e+00	0.0000e+00	-1.8928e+01	4.0578e+01	-1.4914e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	-2.0816e+01	3.7935e+01	-3.2201e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	-2.3502e+01	3.9842e+01	-1.1070e+00
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	-2.2715e+01	4.0860e+01	8.6133e-01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-2.0124e+01	3.9012e+01	2.4084e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-1.8762e+01	4.0662e+01	7.0104e-01
	436	0.0000e+00	0.0000e+00	0.0000e+00	-2.0942e+01	4.2185e+01	-8.4606e-01
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	-3.0978e+01	3.4895e+01	1.3976e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-2.6814e+01	3.2139e+01	6.9392e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-2.1989e+01	3.9040e+01	4.7807e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	-2.4574e+01	4.0545e+01	-7.6090e-01
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	-4.8568e+01	2.0663e+01	2.4621e+00
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-3.9835e+01	1.6021e+01	1.3193e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-3.1195e+01	3.2111e+01	9.8862e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	-3.5465e+01	3.3996e+01	-8.4445e-01
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	-7.8769e+01	-1.3065e+01	4.0268e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-6.3832e+01	-2.0844e+01	2.2375e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-4.7974e+01	1.6509e+01	1.7480e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-5.7447e+01	1.8393e+01	-8.6840e-01
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.8932e+02	-1.4489e+02	-5.1597e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-1.6351e+01	-8.7197e+01	1.2055e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-7.1168e+01	-4.3151e+01	1.5100e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-9.9618e+01	8.5326e+00	-2.1148e+00
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	1.8050e+01	-7.1663e+00	-2.4155e+00
	1221	0.0000e+00	0.0000e+00	0.0000e+00	9.0186e+00	7.5177e+00	3.3734e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	1.4028e+01	-2.2601e+01	3.4856e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	2.4771e+01	-8.1383e+00	-2.3034e+00
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.2865e+01	-1.5009e-01	-2.5634e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	5.5289e+00	1.1846e+01	1.2242e+00
	1221	0.0000e+00	0.0000e+00	0.0000e+00	6.2901e+00	-1.2898e+01	2.4026e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	1.9778e+01	-3.2278e+00	-1.3851e+00
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	9.6337e+00	5.6186e+00	-2.4238e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.5183e+00	1.3368e+01	4.7275e-01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	3.3866e+00	-3.6656e+00	1.0763e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.4635e+01	2.8919e+00	-1.8202e+00
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	7.8141e+00	9.2068e+00	-1.3117e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	2.9535e-01	1.2940e+01	4.8471e-01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	9.7383e-01	3.7160e+00	4.1891e-01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.0776e+01	7.5788e+00	-1.3775e+00
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	7.6448e+00	1.0367e+01	5.1979e-01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-5.1943e-01	1.0536e+01	8.7990e-01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-4.0450e-01	9.0267e+00	4.5209e-01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	8.2595e+00	1.0040e+01	9.1976e-02
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	9.2546e+00	8.9839e+00	2.3549e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	3.6645e-01	6.1317e+00	1.1631e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-2.2718e-01	1.2197e+01	8.3241e-01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	7.4331e+00	9.9971e+00	2.0243e+00
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.2454e+01	5.1417e+00	3.3936e+00
	1215	0.0000e+00	0.0000e+00	0.0000e+00	2.7503e+00	-1.9339e-01	8.3762e-01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	1.6324e+00	1.3232e+01	1.0718e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	8.3932e+00	7.4352e+00	3.6277e+00
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.6764e+01	-7.6725e-01	3.0380e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	5.9791e+00	-8.2676e+00	-4.3325e-01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	4.7911e+00	1.2250e+01	6.8098e-01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.0918e+01	2.5505e+00	4.1523e+00
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	2.1975e+01	-7.7446e+00	1.4686e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	9.3000e+00	-1.7736e+01	-2.5609e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	8.4627e+00	9.3771e+00	-7.0343e-01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.4647e+01	-4.2808e+00	3.3261e+00
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	2.6592e+01	-1.2724e+01	1.2161e+00
	24	0.0000e+00	0.0000e+00	0.0000e+00	1.7073e+01	-2.6942e+01	-4.4581e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	1.2125e+01	3.7942e+00	-3.6932e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	2.0042e+01	-1.1933e+01	1.9809e+00

1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	2.7006e+01	-6.6771e+00	-3.8991e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	2.2109e+01	-6.5007e+00	-1.7308e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	2.4580e+01	-7.6904e+00	-9.6092e-01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	2.8928e+01	-9.0338e+00	-3.1292e+00
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	2.2368e+01	3.5914e-02	-5.3846e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.7793e+01	-4.8331e-01	-1.8852e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	2.1414e+01	-2.2040e+00	-1.0496e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	2.5838e+01	-4.3726e+00	-4.5491e+00
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	1.7730e+01	6.9186e+00	-5.0602e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.3830e+01	5.6005e+00	-1.8827e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.6696e+01	4.0085e+00	-1.8346e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	2.1303e+01	2.5954e+00	-5.0120e+00
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	1.4659e+01	1.1588e+01	-2.8265e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.1089e+01	9.7502e+00	-7.8536e-01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.2839e+01	8.7412e+00	-1.7698e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	1.7044e+01	8.8465e+00	-3.8109e+00
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	1.3650e+01	1.3052e+01	5.0532e-01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.0141e+01	1.1294e+01	1.0522e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.0566e+01	1.1154e+01	-5.1059e-01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	1.4333e+01	1.2481e+01	-1.0575e+00
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	1.4816e+01	1.1018e+01	3.8580e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.1191e+01	1.0046e+01	2.8190e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.0226e+01	1.0865e+01	1.3668e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	1.3675e+01	1.2761e+01	2.4058e+00
1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	1.8022e+01	5.6172e+00	6.1204e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.4106e+01	6.1323e+00	3.6207e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.1886e+01	7.8065e+00	2.9989e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	1.5177e+01	9.5489e+00	5.4987e+00
1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	2.2658e+01	-2.2983e+00	6.3438e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.8429e+01	4.4533e-02	2.8245e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.5258e+01	2.2357e+00	3.5466e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	1.8698e+01	3.1530e+00	7.0659e+00
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	2.7198e+01	-1.0455e+01	4.3684e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	2.3257e+01	-7.1516e+00	8.1929e-01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.9616e+01	-5.0091e+00	2.6210e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	2.3648e+01	-5.2619e+00	6.1701e+00
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	2.9517e+01	-1.5127e+01	1.0772e+00
	1143	0.0000e+00	0.0000e+00	0.0000e+00	2.5748e+01	-1.2866e+01	-5.1512e-01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	2.3840e+01	-1.1548e+01	1.2978e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	2.8197e+01	-1.2866e+01	2.8901e+00
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	2.7193e+01	-9.4625e+00	-7.7750e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	2.8288e+01	-7.1425e+00	-5.5068e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	3.0415e+01	-9.5976e+00	-2.8469e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	2.9662e+01	-1.2528e+01	-5.1150e+00
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	2.1789e+01	-2.4745e-01	-1.0718e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	2.3431e+01	-1.0764e-01	-6.5647e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	2.6798e+01	-4.6054e+00	-5.5643e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	2.6837e+01	-6.4406e+00	-9.7171e+00
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	1.6666e+01	9.2734e+00	-9.4398e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	1.8334e+01	7.3509e+00	-5.5251e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	2.1581e+01	2.9643e+00	-6.7091e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	2.1351e+01	3.3790e+00	-1.0624e+01
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	1.3373e+01	1.5700e+01	-5.1367e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	1.4771e+01	1.2532e+01	-2.6484e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	1.6905e+01	9.7387e+00	-5.4325e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	1.6281e+01	1.2066e+01	-7.9208e+00
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	1.2291e+01	1.7797e+01	5.3140e-01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	1.3441e+01	1.4207e+01	1.2570e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	1.4063e+01	1.3670e+01	-2.2567e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	1.3139e+01	1.7016e+01	-2.9823e+00
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	1.3470e+01	1.5272e+01	6.2297e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	1.4481e+01	1.2058e+01	5.1401e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	1.3498e+01	1.3954e+01	1.7362e+00

	1187	0.0000e+00	0.0000e+00	0.0000e+00	1.2245e+01	1.7460e+01	2.8258e+00
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	1.6992e+01	8.1074e+00	1.0696e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	1.7800e+01	6.2506e+00	7.8017e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	1.5324e+01	1.0390e+01	5.4055e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	1.3604e+01	1.3263e+01	8.2993e+00
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	2.2534e+01	-2.9014e+00	1.2336e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	2.2902e+01	-2.3179e+00	8.0048e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	1.9405e+01	3.2895e+00	7.6361e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	1.7254e+01	4.6007e+00	1.1967e+01
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	2.8348e+01	-1.4678e+01	9.4900e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	2.8270e+01	-1.1211e+01	5.1098e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	2.4935e+01	-5.9197e+00	7.4922e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	2.2807e+01	-7.1553e+00	1.1872e+01
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.0644e+01	-2.1311e+01	1.9792e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	3.1420e+01	-1.6266e+01	1.1119e-01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	2.9805e+01	-1.4023e+01	4.6506e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	2.8474e+01	-1.7940e+01	6.5186e+00
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.9249e+01	-1.5572e+01	-1.2244e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	2.7388e+01	-1.1452e+01	-9.5853e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	2.9556e+01	-1.4641e+01	-4.3490e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	2.2468e+01	-2.0858e+01	-7.0072e+00
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.2995e+01	-1.9896e-01	-1.6937e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	2.1280e+01	-9.3251e-01	-1.1803e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	2.4973e+01	-7.4112e+00	-1.0643e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.9704e+01	-1.0436e+01	-1.5776e+01
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	8.2663e+00	1.3592e+01	-1.3904e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	1.5204e+01	9.9423e+00	-9.7005e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	1.8816e+01	3.5659e+00	-1.2402e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.3171e+01	5.2485e+00	-1.6605e+01
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	5.8042e+00	2.1986e+01	-7.2169e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	1.1363e+01	1.7106e+01	-4.8668e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	1.3683e+01	1.3055e+01	-9.5406e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	8.2465e+00	1.7401e+01	-1.1891e+01
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	5.0409e+00	2.4648e+01	5.1281e-01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	1.0003e+01	1.9353e+01	1.2002e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	1.0713e+01	1.8470e+01	-4.1244e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	5.7230e+00	2.3686e+01	-4.8117e+00
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	5.7417e+00	2.1750e+01	8.2197e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	1.0934e+01	1.6584e+01	7.3689e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	9.9971e+00	1.9063e+01	2.1062e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	4.9546e+00	2.4286e+01	2.9570e+00
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	8.4132e+00	1.2863e+01	1.5026e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	1.4228e+01	8.8487e+00	1.2372e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	1.1615e+01	1.4582e+01	7.9648e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	5.6493e+00	1.9267e+01	1.0619e+01
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.3890e+01	-2.4056e+00	1.8914e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	1.9872e+01	-3.1145e+00	1.4174e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	1.5906e+01	4.9504e+00	1.2205e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	8.2517e+00	8.1282e+00	1.6945e+01
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	2.1326e+01	-2.1339e+01	1.6079e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	2.6554e+01	-1.6264e+01	1.0299e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	2.2656e+01	-8.5079e+00	1.3052e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.3511e+01	-8.8654e+00	1.8831e+01
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.4315e+01	-3.3521e+01	3.5468e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.1361e+01	-2.4225e+01	7.1941e-01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	2.9316e+01	-2.1004e+01	8.5603e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	2.0631e+01	-2.7186e+01	1.1388e+01
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	-6.3296e-01	-2.6057e+01	-1.8342e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.8500e+01	-1.9652e+01	-1.4620e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	2.0887e+01	-2.5303e+01	-5.3409e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	4.5220e+00	-3.7214e+01	-9.0630e+00
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	-6.0185e+00	2.1419e+00	-2.3291e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.0103e+01	-8.8516e-01	-1.7324e+01

	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.4186e+01	-1.2400e+01	-1.7210e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	1.9889e+00	-1.5653e+01	-2.3176e+01
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	-6.9004e+00	2.0356e+01	-1.6311e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	4.2298e+00	1.5135e+01	-1.3524e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	7.5614e+00	5.0498e+00	-1.8553e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-4.5851e+00	9.7562e+00	-2.1339e+01
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	-6.2440e+00	2.9850e+01	-7.7154e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.7734e+00	2.4103e+01	-6.8020e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	3.4560e+00	1.8308e+01	-1.3054e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-6.0760e+00	2.4903e+01	-1.3967e+01
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	-5.9233e+00	3.2639e+01	6.1084e-01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.1204e+00	2.6575e+01	8.6061e-01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.6289e+00	2.5277e+01	-5.4494e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	-5.9257e+00	3.1669e+01	-5.6991e+00
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	-6.4194e+00	2.9704e+01	8.8218e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.5045e+00	2.3186e+01	8.7541e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.0197e+00	2.6315e+01	2.4246e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-6.0720e+00	3.2291e+01	2.4924e+00
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	-6.9916e+00	2.0179e+01	1.7147e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	3.3108e+00	1.3528e+01	1.6229e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.4934e+00	2.1411e+01	9.9822e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-7.0342e+00	2.7091e+01	1.0900e+01
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	-5.3316e+00	1.2596e+00	2.4323e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	7.8767e+00	-3.0153e+00	2.1090e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	4.1059e+00	9.4939e+00	1.6367e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	-8.1122e+00	1.4541e+01	1.9600e+01
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	2.6368e+00	-2.9232e+01	2.4851e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.5525e+01	-2.4003e+01	1.7742e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.0820e+01	-1.0215e+01	1.9187e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-7.0613e+00	-7.8382e+00	2.6295e+01
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	6.4195e+00	-5.4949e+01	6.4959e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.3667e+01	-3.9046e+01	1.6809e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	2.0683e+01	-3.2718e+01	1.4130e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-3.5303e-01	-4.1390e+01	1.8945e+01
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	-4.3204e+01	-4.2009e+01	-2.6235e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-2.2188e+00	-3.3035e+01	-2.1080e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	5.2236e-01	-4.5814e+01	-6.2912e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-3.5501e+01	-6.6034e+01	-1.1446e+01
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	-3.4708e+01	7.7207e+00	-2.2767e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-1.2887e+01	3.9531e+00	-2.1116e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.1111e+01	-1.8921e+01	-2.6627e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-3.3139e+01	-1.1811e+01	-2.8278e+01
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	-2.4828e+01	2.8711e+01	-1.2020e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-1.3527e+01	2.3540e+01	-1.4693e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-1.2825e+01	8.9621e+00	-2.2037e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-3.0946e+01	1.8290e+01	-1.9364e+01
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	-1.8573e+01	3.7328e+01	-4.9318e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	-1.1328e+01	3.2544e+01	-7.1812e+00
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-1.1980e+01	2.5461e+01	-1.3245e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	-2.2478e+01	3.2645e+01	-1.0995e+01
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	-1.6498e+01	3.9514e+01	8.6938e-01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-1.0272e+01	3.4590e+01	2.6192e-01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	-1.0453e+01	3.3063e+01	-5.0560e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	-1.7548e+01	3.8637e+01	-4.4485e+00
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	-1.8630e+01	3.6748e+01	6.6262e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-1.1115e+01	3.0946e+01	7.8755e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-1.0487e+01	3.4390e+01	2.4822e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-1.6727e+01	3.9234e+01	1.2330e+00
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	-2.4870e+01	2.8119e+01	1.3444e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	-1.3362e+01	2.0515e+01	1.6253e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-1.2412e+01	2.9958e+01	9.9603e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-2.0128e+01	3.4775e+01	7.1512e+00
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	-3.4532e+01	9.9719e+00	2.2291e+01

	1164	0.0000e+00	0.0000e+00	0.0000e+00	-1.4375e+01	5.9279e-02	2.5214e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	-1.5255e+01	1.7877e+01	1.7520e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-2.7731e+01	2.3153e+01	1.4597e+01
1440	1153	0.0000e+00	0.0000e+00	0.0000e+00	-3.6354e+01	-2.6162e+01	3.1579e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-1.1890e+01	-3.3294e+01	2.9124e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-1.4381e+01	-6.1928e+00	2.3692e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-3.8839e+01	-2.6023e+00	2.6148e+01
1441	1088	0.0000e+00	0.0000e+00	0.0000e+00	-3.7143e+01	-9.0128e+01	1.1213e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	2.9034e+00	-6.5112e+01	3.9323e+00
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-1.3813e+00	-5.0096e+01	2.2093e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-4.7610e+01	-6.0931e+01	2.9374e+01
1442	323	0.0000e+00	0.0000e+00	0.0000e+00	-9.9627e+01	9.0307e+00	2.1695e+00
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-7.1202e+01	-4.2653e+01	-1.5045e+01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-1.6364e+01	-8.6819e+01	-1.2063e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	-1.8935e+02	-1.4439e+02	5.1508e+00
1443	322	0.0000e+00	0.0000e+00	0.0000e+00	-5.7522e+01	1.8967e+01	9.3785e-01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-4.8044e+01	1.7050e+01	-1.7365e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-6.3863e+01	-2.0334e+01	-2.2290e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	-7.8791e+01	-1.2530e+01	-3.9868e+00
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	-3.5650e+01	3.4571e+01	9.4837e-01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	-3.1366e+01	3.2642e+01	-9.7030e+00
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-3.9932e+01	1.6581e+01	-1.3047e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	-4.8667e+01	2.1253e+01	-2.3961e+00
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	-2.4938e+01	4.1002e+01	9.0695e-01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	-2.2325e+01	3.9443e+01	-4.5131e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	-2.7035e+01	3.2671e+01	-6.7191e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	-3.1211e+01	3.5466e+01	-1.2990e+00
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	-2.1578e+01	4.2336e+01	1.0417e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-1.9347e+01	4.0744e+01	-3.2980e-01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	-2.0543e+01	3.9385e+01	-2.0958e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	-2.3161e+01	4.1279e+01	-7.2430e-01
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	-2.4538e+01	3.9395e+01	1.3616e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-2.1753e+01	3.7396e+01	3.7201e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-1.9640e+01	4.0580e+01	1.9170e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	-2.1871e+01	4.2141e+01	-4.4156e-01
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	-3.4471e+01	3.1017e+01	2.0146e+00
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-2.9853e+01	2.7987e+01	8.5327e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-2.4166e+01	3.7089e+01	6.1964e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	-2.6951e+01	3.8671e+01	-3.2170e-01
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	-5.4429e+01	1.3034e+01	3.2714e+00
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-4.4584e+01	7.8718e+00	1.5281e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-3.4961e+01	2.7494e+01	1.1644e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-3.9715e+01	2.9513e+01	-3.6639e-01
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-8.8100e+01	-2.7294e+01	5.1212e+00
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-7.1000e+01	-3.6015e+01	2.5276e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-5.3769e+01	7.8030e+00	1.9840e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-6.4489e+01	9.8146e+00	-3.1527e-01
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-2.1181e+02	-1.7798e+02	-4.6275e+00
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-1.5358e+01	-1.1391e+02	1.3487e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-7.9111e+01	-6.1858e+01	1.6560e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-1.1135e+02	-3.8568e+00	-1.5540e+00
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	2.0397e+01	-1.1841e+01	-1.1639e+00
	1152	0.0000e+00	0.0000e+00	0.0000e+00	1.1849e+01	4.0696e+00	5.0078e+00
	24	0.0000e+00	0.0000e+00	0.0000e+00	1.7154e+01	-2.7561e+01	5.5491e+00
	1143	0.0000e+00	0.0000e+00	0.0000e+00	2.6462e+01	-1.2825e+01	-6.2264e-01
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.4725e+01	-4.5973e+00	-2.3457e+00
	1151	0.0000e+00	0.0000e+00	0.0000e+00	8.2216e+00	9.8901e+00	2.1746e+00
	1152	0.0000e+00	0.0000e+00	0.0000e+00	9.3584e+00	-1.9009e+01	3.8774e+00
	1142	0.0000e+00	0.0000e+00	0.0000e+00	2.1915e+01	-8.2189e+00	-6.4284e-01
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.0466e+01	2.3795e+00	-3.3237e+00
	1150	0.0000e+00	0.0000e+00	0.0000e+00	4.4249e+00	1.3343e+01	8.1237e-01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	6.0353e+00	-9.9616e+00	1.9685e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.6475e+01	-1.5082e+00	-2.1676e+00

1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	6.9525e+00	7.8907e+00	-3.1936e+00
	1149	0.0000e+00	0.0000e+00	0.0000e+00	6.5718e-01	1.5259e+01	3.8966e-01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	2.4020e+00	-1.8788e+00	7.2232e-01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.1808e+01	4.7670e+00	-2.8609e+00
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	4.3455e+00	1.1686e+01	-1.8825e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-2.4725e+00	1.5588e+01	7.8454e-01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-9.7224e-01	4.8894e+00	3.9988e-01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	7.7581e+00	9.6274e+00	-2.2671e+00
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	2.8630e+00	1.3584e+01	2.4475e-01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	-4.4919e+00	1.4191e+01	1.7317e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-3.5214e+00	1.0198e+01	8.7766e-01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	4.6317e+00	1.2660e+01	-6.0930e-01
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.5730e+00	1.3501e+01	2.7239e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-5.1358e+00	1.1001e+01	2.9172e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	-4.8504e+00	1.3921e+01	1.8720e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	2.6436e+00	1.3691e+01	1.6788e+00
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	3.3471e+00	1.1372e+01	5.0756e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-4.2733e+00	6.0528e+00	3.9894e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-4.7531e+00	1.5923e+01	3.0395e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	1.8261e+00	1.2666e+01	4.1256e+00
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	4.7577e+00	6.9273e+00	6.6614e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.8861e+00	-4.6034e-01	4.4774e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-3.1326e+00	1.5998e+01	4.0230e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	1.9812e+00	9.5967e+00	6.2069e+00
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	9.9110e+00	4.9016e-03	6.5406e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	-1.2830e+00	-8.3216e+00	3.3431e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-5.8794e-02	1.4313e+01	4.5376e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	2.7967e+00	3.3923e+00	7.7351e+00
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	2.8018e+01	-1.2822e+01	-2.5227e+00
	1142	0.0000e+00	0.0000e+00	0.0000e+00	2.3813e+01	-1.1171e+01	-6.8443e-01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	2.5506e+01	-1.3153e+01	8.7816e-01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	2.9711e+01	-1.4895e+01	-9.6009e-01
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	2.3659e+01	-5.8693e+00	-5.6584e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.9575e+01	-5.2856e+00	-1.8870e+00
	1142	0.0000e+00	0.0000e+00	0.0000e+00	2.3196e+01	-7.7363e+00	-1.4395e-01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	2.6985e+01	-1.0938e+01	-3.9153e+00
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	1.8450e+01	2.3065e+00	-7.1385e+00
	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.4873e+01	1.8454e+00	-3.0280e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.8391e+01	-7.6124e-01	-2.0111e+00
	1130	0.0000e+00	0.0000e+00	0.0000e+00	2.2504e+01	-3.4304e+00	-6.1216e+00
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	1.3939e+01	9.3923e+00	-6.5217e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	1.0567e+01	7.9672e+00	-2.9700e+00
	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.3567e+01	5.7063e+00	-3.1175e+00
	1129	0.0000e+00	0.0000e+00	0.0000e+00	1.7482e+01	4.6017e+00	-6.6693e+00
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	1.0625e+01	1.4289e+01	-4.3055e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	7.2307e+00	1.2305e+01	-1.7034e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	9.4684e+00	1.0732e+01	-2.8087e+00
	1128	0.0000e+00	0.0000e+00	0.0000e+00	1.3181e+01	1.1149e+01	-5.4109e+00
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	8.5368e+00	1.6648e+01	-1.2210e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	5.1198e+00	1.4540e+01	3.4217e-01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	6.4706e+00	1.3857e+01	-1.3029e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	1.0066e+01	1.5322e+01	-2.8660e+00
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	7.4870e+00	1.6395e+01	2.0425e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	4.2226e+00	1.4557e+01	2.6603e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	4.7078e+00	1.4894e+01	8.9582e-01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	8.1399e+00	1.6887e+01	2.7802e-01
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	7.1369e+00	1.3428e+01	4.8362e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	4.3329e+00	1.2267e+01	4.7272e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	4.1073e+00	1.3776e+01	3.2531e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	7.1616e+00	1.5815e+01	3.3622e+00
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	7.1055e+00	7.3986e+00	6.5453e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	5.2047e+00	7.3969e+00	5.9292e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	4.4241e+00	1.0413e+01	5.1714e+00

	1124	0.0000e+00	0.0000e+00	0.0000e+00	6.7511e+00	1.2057e+01	5.7875e+00
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	7.3283e+00	-2.4782e+00	6.0324e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	4.7468e+00	-1.1712e+00	5.7855e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	5.2799e+00	4.6212e+00	6.4199e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	6.3405e+00	4.5507e+00	6.6667e+00
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	2.8546e+01	-1.8078e+01	-6.3119e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	2.9821e+01	-1.3853e+01	-4.3253e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	3.1071e+01	-1.6046e+01	-6.6337e-02
	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.0956e+01	-2.1069e+01	-2.0530e+00
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	2.3351e+01	-8.5303e+00	-1.1758e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	2.5072e+01	-6.6979e+00	-7.2812e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	2.8545e+01	-1.1739e+01	-4.6203e+00
	1120	0.0000e+00	0.0000e+00	0.0000e+00	2.8125e+01	-1.5685e+01	-9.0975e+00
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	1.7646e+01	2.6096e+00	-1.3122e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	1.9326e+01	2.1428e+00	-8.2283e+00
	1130	0.0000e+00	0.0000e+00	0.0000e+00	2.3211e+01	-3.6377e+00	-7.7720e+00
	1119	0.0000e+00	0.0000e+00	0.0000e+00	2.2775e+01	-5.0952e+00	-1.2666e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	1.3058e+01	1.1955e+01	-1.1124e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	1.4245e+01	9.9229e+00	-7.1279e+00
	1129	0.0000e+00	0.0000e+00	0.0000e+00	1.7612e+01	4.9885e+00	-8.4920e+00
	1118	0.0000e+00	0.0000e+00	0.0000e+00	1.7053e+01	5.9182e+00	-1.2489e+01
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	9.9583e+00	1.8108e+01	-7.2822e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	1.0546e+01	1.5284e+01	-4.5539e+00
	1128	0.0000e+00	0.0000e+00	0.0000e+00	1.2990e+01	1.1973e+01	-6.9904e+00
	1117	0.0000e+00	0.0000e+00	0.0000e+00	1.2540e+01	1.4440e+01	-9.7186e+00
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	8.1176e+00	2.0838e+01	-2.8118e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	8.2627e+00	1.7807e+01	-1.2379e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	9.7669e+00	1.6413e+01	-4.0711e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	9.5126e+00	1.9535e+01	-5.6450e+00
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	7.1830e+00	2.0191e+01	1.4502e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	7.1186e+00	1.7448e+01	2.1224e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	7.8591e+00	1.8076e+01	-5.7416e-01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	7.6809e+00	2.1188e+01	-1.2464e+00
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	6.7121e+00	1.6073e+01	4.8005e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	6.8025e+00	1.4142e+01	4.8566e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	6.9734e+00	1.6899e+01	2.7713e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	6.6447e+00	1.9496e+01	2.7152e+00
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	6.9991e+00	8.2039e+00	6.6751e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	6.4818e+00	7.5321e+00	6.2836e+00
	1124	0.0000e+00	0.0000e+00	0.0000e+00	6.7631e+00	1.2863e+01	5.3055e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	5.9965e+00	1.4315e+01	5.6970e+00
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	2.3916e+00	-4.6295e+00	5.5993e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	9.3520e+00	-2.9413e+00	5.7975e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	6.5182e+00	4.3903e+00	6.1374e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	5.5905e+00	5.3406e+00	5.9392e+00
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	2.1121e+01	-2.7808e+01	-1.1118e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	2.9520e+01	-2.0928e+01	-8.3687e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.0812e+01	-2.4026e+01	-9.2515e-01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.4894e+01	-3.3308e+01	-3.6745e+00
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.4698e+01	-1.1726e+01	-1.9050e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	2.3359e+01	-1.0249e+01	-1.3300e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	2.7386e+01	-1.7429e+01	-9.8143e+00
	1109	0.0000e+00	0.0000e+00	0.0000e+00	2.1262e+01	-2.3522e+01	-1.5564e+01
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	9.2606e+00	4.4186e+00	-1.9193e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	1.6515e+01	2.5016e+00	-1.3882e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	2.0831e+01	-5.6574e+00	-1.4494e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.4728e+01	-6.2455e+00	-1.9805e+01
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	5.9745e+00	1.6384e+01	-1.4983e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	1.1268e+01	1.2933e+01	-1.1381e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	1.4699e+01	6.2123e+00	-1.4344e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	9.1790e+00	9.1968e+00	-1.7946e+01
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	4.2867e+00	2.3446e+01	-9.3936e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	7.9983e+00	1.9549e+01	-7.3255e+00

	1117	0.0000e+00	0.0000e+00	0.0000e+00	1.0249e+01	1.5260e+01	-1.1130e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	5.8458e+00	1.9626e+01	-1.3199e+01
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	3.4840e+00	2.6103e+01	-3.8304e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	6.2239e+00	2.2311e+01	-2.8055e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	7.4976e+00	2.0627e+01	-6.6292e+00
	1105	0.0000e+00	0.0000e+00	0.0000e+00	4.0982e+00	2.5138e+01	-7.6540e+00
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	3.1569e+00	2.4677e+01	1.0729e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	5.4025e+00	2.1427e+01	1.4042e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	6.0039e+00	2.2326e+01	-1.9656e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	3.1657e+00	2.6394e+01	-2.2969e+00
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.9422e+00	1.9017e+01	4.7522e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	5.2956e+00	1.6888e+01	4.5944e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	5.3380e+00	2.0395e+01	2.1066e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	2.6091e+00	2.3669e+01	2.2644e+00
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	4.0865e+00	8.9284e+00	6.7093e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	4.4075e+00	8.2634e+00	6.1154e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	5.2243e+00	1.4967e+01	5.0488e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.1757e+00	1.6618e+01	5.6427e+00
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	-5.7670e+00	-6.7931e+00	4.9328e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	1.2254e+01	-4.2686e+00	5.1499e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	4.6060e+00	3.4719e+00	5.1850e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	2.2811e+00	5.9203e+00	4.9679e+00
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	8.1921e-01	-4.3132e+01	-1.8337e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	2.1208e+01	-3.3076e+01	-1.3898e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.2903e+01	-3.8876e+01	-1.8227e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	7.3023e+00	-5.5039e+01	-6.2622e+00
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	-5.7665e+00	-1.3160e+01	-2.7155e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.2332e+01	-1.3831e+01	-1.9903e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.7194e+01	-2.6440e+01	-1.6991e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	2.7301e+00	-3.3435e+01	-2.4243e+01
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	-7.2898e+00	8.9991e+00	-2.2844e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	5.2244e+00	5.2548e+00	-1.8957e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	9.4018e+00	-7.3456e+00	-2.2100e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-4.3085e+00	-4.2666e+00	-2.5986e+01
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	-6.2862e+00	2.2750e+01	-1.5856e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.8292e+00	1.8349e+01	-1.4527e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	4.1772e+00	9.2255e+00	-1.9407e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-6.1855e+00	1.5422e+01	-2.0736e+01
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	-4.7809e+00	2.9799e+01	-9.2583e+00
	1105	0.0000e+00	0.0000e+00	0.0000e+00	6.5844e-01	2.5504e+01	-9.0806e+00
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.7469e+00	2.0295e+01	-1.3884e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	-5.5419e+00	2.6431e+01	-1.4062e+01
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	-3.7022e+00	3.1846e+01	-3.5797e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	3.8736e-01	2.7863e+01	-3.7306e+00
	1105	0.0000e+00	0.0000e+00	0.0000e+00	8.1507e-01	2.6140e+01	-8.0016e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-4.4079e+00	3.1431e+01	-7.8507e+00
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	-3.2237e+00	2.9496e+01	1.2190e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	3.8117e-01	2.5987e+01	9.9605e-01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	4.8982e-01	2.7492e+01	-2.6311e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-3.7430e+00	3.1859e+01	-2.4081e+00
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	-3.3214e+00	2.2229e+01	4.9305e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	7.7731e-01	1.9799e+01	4.5139e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	4.1582e-01	2.4507e+01	1.7841e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-3.7273e+00	2.8005e+01	2.2007e+00
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	-1.2884e+00	9.4709e+00	6.9850e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	-4.8278e-01	8.7328e+00	6.0718e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	7.1706e-01	1.7313e+01	4.9834e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	-4.1703e+00	1.8939e+01	5.8965e+00
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	-1.7296e+01	-9.8392e+00	3.9576e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	1.3274e+01	-5.8004e+00	4.1782e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	9.0154e-02	2.2660e+00	4.2673e+00
	1090	0.0000e+00	0.0000e+00	0.0000e+00	-3.7064e+00	6.1114e+00	4.0467e+00
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	-4.6101e+01	-6.7598e+01	-2.8684e+01



1098 0.0000e+00 0.0000e+00 0.0000e+00 1.1405e-01 -5.1898e+01 -2.2253e+01  
1099 0.0000e+00 0.0000e+00 0.0000e+00 2.2247e+00 -6.5477e+01 -3.2206e+00  
1088 0.0000e+00 0.0000e+00 0.0000e+00 -3.6365e+01 -9.1105e+01 -9.6516e+00

1503 1086 0.0000e+00 0.0000e+00 0.0000e+00 -3.9746e+01 -1.0524e+01 -2.8680e+01  
1097 0.0000e+00 0.0000e+00 0.0000e+00 -1.2757e+01 -1.2626e+01 -2.5019e+01  
1098 0.0000e+00 0.0000e+00 0.0000e+00 -9.3198e+00 -3.7856e+01 -2.8494e+01  
1087 0.0000e+00 0.0000e+00 0.0000e+00 -3.6440e+01 -3.2413e+01 -3.2155e+01

1504 1085 0.0000e+00 0.0000e+00 0.0000e+00 -2.8724e+01 1.6723e+01 -1.7714e+01  
1096 0.0000e+00 0.0000e+00 0.0000e+00 -1.5066e+01 1.2299e+01 -2.0503e+01  
1097 0.0000e+00 0.0000e+00 0.0000e+00 -1.3581e+01 -6.1513e+00 -2.7433e+01  
1086 0.0000e+00 0.0000e+00 0.0000e+00 -3.5347e+01 4.4716e+00 -2.4644e+01

1505 1084 0.0000e+00 0.0000e+00 0.0000e+00 -1.9917e+01 2.9806e+01 -1.0715e+01  
1095 0.0000e+00 0.0000e+00 0.0000e+00 -1.2186e+01 2.5923e+01 -1.4353e+01  
1096 0.0000e+00 0.0000e+00 0.0000e+00 -1.3326e+01 1.4968e+01 -1.9990e+01  
1085 0.0000e+00 0.0000e+00 0.0000e+00 -2.5478e+01 2.3324e+01 -1.6352e+01

1506 1083 0.0000e+00 0.0000e+00 0.0000e+00 -1.3955e+01 3.5642e+01 -5.7184e+00  
1094 0.0000e+00 0.0000e+00 0.0000e+00 -9.0982e+00 3.2217e+01 -8.5338e+00  
1095 0.0000e+00 0.0000e+00 0.0000e+00 -1.0472e+01 2.6788e+01 -1.2896e+01  
1084 0.0000e+00 0.0000e+00 0.0000e+00 -1.7767e+01 3.2834e+01 -1.0080e+01

1507 1082 0.0000e+00 0.0000e+00 0.0000e+00 -1.0730e+01 3.6716e+01 -1.8590e+00  
1093 0.0000e+00 0.0000e+00 0.0000e+00 -7.0778e+00 3.3573e+01 -3.4833e+00  
1094 0.0000e+00 0.0000e+00 0.0000e+00 -8.0093e+00 3.2220e+01 -6.9880e+00  
1083 0.0000e+00 0.0000e+00 0.0000e+00 -1.2791e+01 3.6686e+01 -5.3636e+00

1508 1081 0.0000e+00 0.0000e+00 0.0000e+00 -9.8292e+00 3.3704e+01 1.4441e+00  
1092 0.0000e+00 0.0000e+00 0.0000e+00 -6.2775e+00 3.0610e+01 8.9402e-01  
1093 0.0000e+00 0.0000e+00 0.0000e+00 -6.6773e+00 3.2891e+01 -2.1140e+00  
1082 0.0000e+00 0.0000e+00 0.0000e+00 -1.0443e+01 3.6329e+01 -1.5639e+00

1509 1080 0.0000e+00 0.0000e+00 0.0000e+00 -1.0955e+01 2.5808e+01 4.5182e+00  
1091 0.0000e+00 0.0000e+00 0.0000e+00 -5.8394e+00 2.2783e+01 4.5378e+00  
1092 0.0000e+00 0.0000e+00 0.0000e+00 -6.4125e+00 2.8976e+01 1.8323e+00  
1081 0.0000e+00 0.0000e+00 0.0000e+00 -1.0346e+01 3.1825e+01 1.8126e+00

1510 1079 0.0000e+00 0.0000e+00 0.0000e+00 -9.0575e+00 1.0720e+01 6.9333e+00  
1090 0.0000e+00 0.0000e+00 0.0000e+00 -8.1623e+00 8.8241e+00 6.3633e+00  
1091 0.0000e+00 0.0000e+00 0.0000e+00 -6.1125e+00 2.0012e+01 5.0709e+00  
1080 0.0000e+00 0.0000e+00 0.0000e+00 -1.2157e+01 2.0923e+01 5.6409e+00

1511 1078 0.0000e+00 0.0000e+00 0.0000e+00 -3.2634e+01 -1.4906e+01 2.4041e+00  
1089 0.0000e+00 0.0000e+00 0.0000e+00 1.2352e+01 -8.4439e+00 2.7364e+00  
1090 0.0000e+00 0.0000e+00 0.0000e+00 -6.9246e+00 3.3657e-01 3.3869e+00  
1079 0.0000e+00 0.0000e+00 0.0000e+00 -1.2745e+01 5.3865e+00 3.0547e+00

1512 215 0.0000e+00 0.0000e+00 0.0000e+00 -1.1872e+02 -1.3138e+01 8.8186e-02  
1087 0.0000e+00 0.0000e+00 0.0000e+00 -7.7748e+01 -7.0208e+01 -1.7213e+01  
1088 0.0000e+00 0.0000e+00 0.0000e+00 -1.5454e+01 -1.1463e+02 -1.1413e+01  
13 0.0000e+00 0.0000e+00 0.0000e+00 -2.1288e+02 -1.8430e+02 5.8887e+00

1513 214 0.0000e+00 0.0000e+00 0.0000e+00 -6.9109e+01 3.4639e+00 2.9830e-01  
1086 0.0000e+00 0.0000e+00 0.0000e+00 -5.7722e+01 1.4831e+00 -2.1006e+01  
1087 0.0000e+00 0.0000e+00 0.0000e+00 -7.2265e+01 -4.4397e+01 -2.7183e+01  
215 0.0000e+00 0.0000e+00 0.0000e+00 -9.3811e+01 -3.2963e+01 -5.8794e+00

1514 213 0.0000e+00 0.0000e+00 0.0000e+00 -4.3039e+01 2.3944e+01 4.8029e-01  
1085 0.0000e+00 0.0000e+00 0.0000e+00 -3.7774e+01 2.2250e+01 -1.3567e+01  
1086 0.0000e+00 0.0000e+00 0.0000e+00 -4.8139e+01 1.0479e+00 -1.7137e+01  
214 0.0000e+00 0.0000e+00 0.0000e+00 -5.8550e+01 7.1059e+00 -3.0898e+00

1515 212 0.0000e+00 0.0000e+00 0.0000e+00 -2.7607e+01 3.4107e+01 4.8015e-01  
1084 0.0000e+00 0.0000e+00 0.0000e+00 -2.4805e+01 3.2813e+01 -8.4281e+00  
1085 0.0000e+00 0.0000e+00 0.0000e+00 -3.1975e+01 2.2413e+01 -1.0679e+01  
213 0.0000e+00 0.0000e+00 0.0000e+00 -3.6847e+01 2.6006e+01 -1.7706e+00

1516 211 0.0000e+00 0.0000e+00 0.0000e+00 -1.8637e+01 3.8484e+01 5.7824e-01  
1083 0.0000e+00 0.0000e+00 0.0000e+00 -1.6961e+01 3.7394e+01 -4.7486e+00  
1084 0.0000e+00 0.0000e+00 0.0000e+00 -2.1352e+01 3.2843e+01 -6.2846e+00  
212 0.0000e+00 0.0000e+00 0.0000e+00 -2.4059e+01 3.5089e+01 -9.5778e-01

1517 210 0.0000e+00 0.0000e+00 0.0000e+00 -1.4154e+01 3.8779e+01 7.0252e-01  
1082 0.0000e+00 0.0000e+00 0.0000e+00 -1.2931e+01 3.7783e+01 -1.9528e+00  
1083 0.0000e+00 0.0000e+00 0.0000e+00 -1.5158e+01 3.7096e+01 -3.1122e+00  
211 0.0000e+00 0.0000e+00 0.0000e+00 -1.6819e+01 3.8618e+01 -4.5694e-01

1518	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.3220e+01	3.5332e+01	8.7750e-01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-1.1997e+01	3.4254e+01	4.0796e-01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-1.2419e+01	3.7049e+01	-6.0204e-01
	210	0.0000e+00	0.0000e+00	0.0000e+00	-1.3663e+01	3.8164e+01	-1.3250e-01
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	-1.5723e+01	2.7173e+01	1.2000e+00
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.3586e+01	2.5735e+01	2.6701e+00
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-1.2651e+01	3.2945e+01	1.5775e+00
	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.3950e+01	3.3879e+01	1.0731e-01
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	-2.1653e+01	1.1550e+01	1.9568e+00
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.8452e+01	8.6742e+00	5.5788e+00
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.5621e+01	2.3632e+01	3.9756e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	-1.7812e+01	2.4238e+01	3.5356e-01
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-5.2995e+01	-3.2962e+01	1.4857e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	1.0519e+01	-1.3188e+01	-7.4351e-02
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.8610e+01	-2.5826e+00	2.3356e-01
	207	0.0000e+00	0.0000e+00	0.0000e+00	-2.6739e+01	1.6523e+01	1.7936e+00
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	-4.7320e+01	-4.6103e+01	1.3942e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-9.9816e+01	-1.2983e+01	1.9857e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	-1.1969e+02	-1.2694e+02	9.4850e+00
	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.6595e+01	-7.1212e+01	3.5704e+00
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	-5.0944e+01	7.6034e+00	1.4696e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-6.6992e+01	1.3203e+01	5.0332e+00
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-8.5346e+01	-1.2672e+01	1.3564e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-5.0320e+01	-2.5670e+01	2.3227e+01
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	-4.4153e+01	2.3552e+01	6.2359e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-5.4066e+01	2.8203e+01	9.8508e-01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-6.0984e+01	1.8598e+01	7.1457e+00
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-4.6871e+01	9.8184e+00	1.2397e+01
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	-4.2700e+01	2.3816e+01	-2.7433e+00
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-5.2259e+01	2.9807e+01	-2.7445e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-5.2261e+01	2.9848e+01	2.7530e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-4.2700e+01	2.3854e+01	2.7542e+00
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	-4.6877e+01	9.6738e+00	-1.2384e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-6.0981e+01	1.8450e+01	-7.1373e+00
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-5.4070e+01	2.8133e+01	-9.7778e-01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-4.4160e+01	2.3481e+01	-6.2243e+00
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	-5.0335e+01	-2.5906e+01	-2.3211e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-8.5327e+01	-1.2913e+01	-1.3557e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-6.6992e+01	1.3026e+01	-5.0285e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-5.0955e+01	7.4282e+00	-1.4683e+01
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	-1.6640e+01	-7.1564e+01	-3.6145e+00
	19	0.0000e+00	0.0000e+00	0.0000e+00	-1.1967e+02	-1.2715e+02	-9.5178e+00
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-9.9785e+01	-1.3262e+01	-1.9840e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-4.7356e+01	-4.6344e+01	-1.3936e+01
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	2.6788e+00	-3.0016e+01	1.1062e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-3.2106e+01	-3.9172e+01	1.7720e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-2.2693e+01	-5.7633e+01	4.6818e+00
	644	0.0000e+00	0.0000e+00	0.0000e+00	5.4829e+00	-3.8364e+01	-1.9765e+00
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	-8.7851e+00	-4.5477e+00	1.2030e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-3.4946e+01	7.8897e-02	1.8621e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-2.7217e+01	-1.8352e+01	2.1508e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-4.4210e+00	-2.0020e+01	1.4917e+01
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.4539e+01	1.0662e+01	5.1509e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-3.2910e+01	1.9039e+01	6.8002e+00
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-3.2886e+01	1.1061e+01	1.5157e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-1.1537e+01	1.2202e+00	1.3508e+01
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	-1.4947e+01	1.2271e+01	-4.4515e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-3.2291e+01	2.1970e+01	-4.4488e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-3.2290e+01	2.2011e+01	4.4506e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.4943e+01	1.2309e+01	4.4479e+00
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	-1.1559e+01	1.0775e+00	-1.3509e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-3.2899e+01	1.0913e+01	-1.5152e+01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-3.2921e+01	1.8972e+01	-6.7980e+00

	1062	0.0000e+00	0.0000e+00	0.0000e+00	-1.4553e+01	1.0595e+01	-5.1542e+00
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	-4.4562e+00	-2.0267e+01	-1.4919e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-2.7248e+01	-1.8596e+01	-2.1503e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-3.4967e+01	-9.0595e-02	-1.8615e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-8.8192e+00	-4.7174e+00	-1.2030e+01
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	5.4451e+00	-3.8721e+01	1.9765e+00
	548	0.0000e+00	0.0000e+00	0.0000e+00	-2.2710e+01	-5.7996e+01	-4.6957e+00
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-3.2142e+01	-3.9433e+01	-1.7730e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	2.6345e+00	-3.0292e+01	-1.1058e+01
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	2.3274e+01	-1.8092e+01	3.8781e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	5.2022e+00	-2.3448e+01	7.4661e+00
	644	0.0000e+00	0.0000e+00	0.0000e+00	1.0622e+01	-3.1604e+01	1.3111e-01
	633	0.0000e+00	0.0000e+00	0.0000e+00	2.4438e+01	-2.0970e+01	-3.4568e+00
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	1.6876e+01	-7.1662e+00	6.2336e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-1.4939e+00	-3.9902e+00	1.2165e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	6.0559e+00	-1.7766e+01	1.1705e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	2.0209e+01	-1.3588e+01	5.7737e+00
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	1.1898e+01	1.8486e+00	2.7324e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-4.7200e+00	8.5963e+00	6.0864e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-9.6411e-01	9.5029e-01	1.0951e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	1.4296e+01	-2.9058e+00	7.5966e+00
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.1007e+01	3.3680e+00	-3.2789e+00
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-4.5533e+00	1.0486e+01	-3.2738e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-4.5493e+00	1.0526e+01	3.2579e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	1.1012e+01	3.4052e+00	3.2527e+00
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	1.4270e+01	-3.0437e+00	-7.6185e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-9.8793e-01	8.0746e-01	-1.0963e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-4.7363e+00	8.5310e+00	-6.1021e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.1881e+01	1.7850e+00	-2.7574e+00
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	2.0169e+01	-1.3825e+01	-5.7852e+00
	1060	0.0000e+00	0.0000e+00	0.0000e+00	6.0174e+00	-1.8012e+01	-1.1712e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	-1.5289e+00	-4.1595e+00	-1.2178e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	1.6840e+01	-7.3304e+00	-6.2513e+00
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	2.4392e+01	-2.1304e+01	3.4675e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	1.0587e+01	-3.1960e+01	-1.2732e-01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	5.1548e+00	-2.3722e+01	-7.4763e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	2.3229e+01	-1.8357e+01	-3.8815e+00
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	3.5316e+01	-1.1132e+01	4.7239e-01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	2.5249e+01	-1.4225e+01	1.8412e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	2.7664e+01	-1.7569e+01	-2.1538e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	3.5412e+01	-1.1953e+01	-3.5227e+00
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	3.2423e+01	-6.5808e+00	2.3613e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	2.1146e+01	-5.3881e+00	5.5597e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	2.5438e+01	-1.2300e+01	4.6750e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	3.4000e+01	-9.1786e+00	1.4765e+00
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	2.9670e+01	-2.2022e+00	1.0161e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	1.8275e+01	1.5563e+00	3.3346e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	2.1253e+01	-3.1816e+00	5.5750e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	3.0946e+01	-4.3071e+00	3.2565e+00
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	2.9062e+01	-1.3086e+00	-1.7511e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.8290e+01	2.4531e+00	-1.7455e+00
	1057	0.0000e+00	0.0000e+00	0.0000e+00	1.8294e+01	2.4899e+00	1.7065e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	2.9067e+01	-1.2739e+00	1.7009e+00
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	3.0921e+01	-4.4337e+00	-3.2989e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	2.1227e+01	-3.3170e+00	-5.6076e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.8257e+01	1.4943e+00	-3.3731e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	2.9655e+01	-2.2602e+00	-1.0644e+00
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	3.3961e+01	-9.3931e+00	-1.4998e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	2.5396e+01	-1.2533e+01	-4.6927e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	2.1108e+01	-5.5484e+00	-5.5906e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	3.2390e+01	-6.7305e+00	-2.3977e+00
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	3.5364e+01	-1.2246e+01	3.5339e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	2.7619e+01	-1.7895e+01	2.1637e+00

1054	0.0000e+00	0.0000e+00	0.0000e+00	2.5197e+01	-1.4482e+01	-1.8555e+00
1048	0.0000e+00	0.0000e+00	0.0000e+00	3.5272e+01	-1.1369e+01	-4.8538e-01
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	4.2104e+01	-7.3164e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	3.6691e+01	-8.9794e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	3.7380e+01	-1.0176e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	4.1652e+01	-7.3477e+00
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	4.1112e+01	-5.5462e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	3.4874e+01	-5.2152e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	3.6826e+01	-8.3964e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	4.1652e+01	-6.5621e+00
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	3.9889e+01	-3.5788e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	3.3326e+01	-1.9163e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	3.4911e+01	-4.3491e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	4.0450e+01	-4.4908e+00
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	3.9589e+01	-3.1518e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	3.3316e+01	-1.5636e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	3.3320e+01	-1.5307e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	3.9593e+01	-3.1211e+00
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	4.0431e+01	-4.6005e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	3.4887e+01	-4.4704e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	3.3309e+01	-1.9727e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	3.9878e+01	-3.6287e+00
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	4.1622e+01	-6.7442e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	3.6786e+01	-8.6020e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	3.4838e+01	-5.3590e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	4.1088e+01	-5.6742e+00
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	4.1613e+01	-7.5889e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	3.7334e+01	-1.0456e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	3.6640e+01	-9.2054e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	4.2072e+01	-7.5143e+00
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	4.5005e+01	-5.4994e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	4.2853e+01	-6.2592e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	4.2657e+01	-6.4845e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	4.4388e+01	-5.3143e+00
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	4.4831e+01	-4.7512e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	4.2323e+01	-4.7730e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	4.2999e+01	-6.1265e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	4.4958e+01	-5.2762e+00
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	4.4345e+01	-3.7680e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	4.1655e+01	-3.2767e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	4.2344e+01	-4.4151e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	4.4608e+01	-4.2867e+00
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	4.4228e+01	-3.5781e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	4.1641e+01	-3.1345e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	4.1643e+01	-3.1070e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	4.4230e+01	-3.5527e+00
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	4.4601e+01	-4.3752e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	4.2328e+01	-4.5168e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	4.1642e+01	-3.3251e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	4.4341e+01	-3.8076e+00
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	4.4949e+01	-5.4194e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	4.2970e+01	-6.2956e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	4.2296e+01	-4.8942e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	4.4824e+01	-4.8524e+00
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	4.4378e+01	-5.4954e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	4.2625e+01	-6.7063e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	4.2815e+01	-6.4450e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	4.4998e+01	-5.6516e+00
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	4.4184e+01	-5.1121e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	4.5061e+01	-5.2285e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	4.4518e+01	-5.0708e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	4.3717e+01	-5.0557e+00
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	4.4092e+01	-4.3336e+00

	1040	0.0000e+00	0.0000e+00	0.0000e+00	4.4987e+01	-4.5226e+00	-2.4959e-01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	4.5141e+01	-5.1416e+00	-3.8846e-01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	4.4301e+01	-5.0278e+00	-5.8582e-01
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	4.3773e+01	-3.4330e+00	-3.1676e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	4.4639e+01	-3.6470e+00	3.5203e-03
	1040	0.0000e+00	0.0000e+00	0.0000e+00	4.4930e+01	-4.2429e+00	-1.8995e-01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	4.4070e+01	-4.0352e+00	-5.1023e-01
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	4.3750e+01	-3.3040e+00	6.3469e-02
	1038	0.0000e+00	0.0000e+00	0.0000e+00	4.4598e+01	-3.5357e+00	6.1074e-02
	1039	0.0000e+00	0.0000e+00	0.0000e+00	4.4597e+01	-3.5152e+00	-1.5094e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	4.3747e+01	-3.2847e+00	-1.4854e-01
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	4.4083e+01	-4.0990e+00	4.4007e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	4.4928e+01	-4.3206e+00	1.1420e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	4.4633e+01	-3.6857e+00	-9.0858e-02
	1032	0.0000e+00	0.0000e+00	0.0000e+00	4.3780e+01	-3.4604e+00	2.3501e-01
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	4.4328e+01	-5.1271e+00	5.4882e-01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	4.5136e+01	-5.2679e+00	3.4398e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	4.4978e+01	-4.6169e+00	1.8176e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	4.4110e+01	-4.4040e+00	3.8660e-01
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	4.3757e+01	-5.1715e+00	2.5507e-01
	493	0.0000e+00	0.0000e+00	0.0000e+00	4.4520e+01	-5.2277e+00	7.9647e-01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	4.5052e+01	-5.3680e+00	6.9974e-01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	4.4218e+01	-5.2134e+00	1.5834e-01
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	3.8651e+01	-5.9811e+00	-3.1609e-02
	1035	0.0000e+00	0.0000e+00	0.0000e+00	4.3344e+01	-5.5551e+00	-3.0792e-01
	589	0.0000e+00	0.0000e+00	0.0000e+00	4.2826e+01	-5.3807e+00	3.7156e-01
	578	0.0000e+00	0.0000e+00	0.0000e+00	3.8662e+01	-6.4359e+00	6.4787e-01
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	3.8082e+01	-4.1119e+00	-9.7491e-01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	4.3046e+01	-4.6133e+00	-4.8101e-01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	4.3208e+01	-5.2140e+00	-4.7945e-01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	3.8826e+01	-5.7188e+00	-9.7336e-01
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	3.7595e+01	-2.6014e+00	-5.9007e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	4.2543e+01	-3.5405e+00	-1.4662e-01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	4.2815e+01	-4.1197e+00	-7.5189e-01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	3.8137e+01	-3.7394e+00	-1.1953e+00
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	3.7618e+01	-2.4392e+00	3.8195e-01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	4.2450e+01	-3.3442e+00	3.7290e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	4.2443e+01	-3.3318e+00	-4.5666e-01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	3.7608e+01	-2.4283e+00	-4.4761e-01
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	3.8179e+01	-3.7731e+00	1.1470e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	4.2835e+01	-4.1696e+00	6.8458e-01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	4.2549e+01	-3.5678e+00	6.5899e-02
	1026	0.0000e+00	0.0000e+00	0.0000e+00	3.7617e+01	-2.6155e+00	5.2836e-01
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	3.8905e+01	-5.7679e+00	9.6305e-01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	4.3243e+01	-5.2923e+00	4.4729e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	4.3065e+01	-4.6769e+00	4.2292e-01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	3.8137e+01	-4.1480e+00	9.3867e-01
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	3.8778e+01	-6.4802e+00	-6.0292e-01
	482	0.0000e+00	0.0000e+00	0.0000e+00	4.2885e+01	-5.4674e+00	-3.5013e-01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	4.3382e+01	-5.6439e+00	2.9131e-01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	3.8745e+01	-6.0294e+00	3.8522e-02
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	2.5863e+01	-8.4253e+00	-8.9187e-01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	3.6445e+01	-7.3158e+00	-4.4631e-01
	578	0.0000e+00	0.0000e+00	0.0000e+00	3.6235e+01	-7.5327e+00	1.3351e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	2.6891e+01	-1.0307e+01	8.8954e-01
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	2.4673e+01	-4.8076e+00	-2.0758e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	3.5481e+01	-4.8415e+00	-1.0840e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	3.5620e+01	-6.3054e+00	-1.2672e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	2.6353e+01	-5.9399e+00	-2.2591e+00
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	2.4230e+01	-1.6275e+00	-9.2133e-01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	3.4504e+01	-2.8794e+00	-3.6599e-01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	3.4796e+01	-3.9997e+00	-1.7718e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	2.4957e+01	-2.1869e+00	-2.3271e+00

1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	2.4343e+01	-6.8458e-01	8.6160e-01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	3.4297e+01	-2.5787e+00	8.4262e-01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	3.4282e+01	-2.5766e+00	-8.9958e-01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	2.4323e+01	-6.7274e-01	-8.8061e-01
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	2.5038e+01	-2.1975e+00	2.3271e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	3.4848e+01	-4.0166e+00	1.7335e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	3.4523e+01	-2.8939e+00	3.1286e-01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	2.4273e+01	-1.6160e+00	9.0642e-01
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	2.6499e+01	-5.9418e+00	2.3029e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	3.5711e+01	-6.3300e+00	1.2704e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	3.5537e+01	-4.8692e+00	1.0569e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	2.4778e+01	-4.7918e+00	2.0893e+00
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	2.7104e+01	-1.0300e+01	-7.8607e-01
	471	0.0000e+00	0.0000e+00	0.0000e+00	3.6376e+01	-7.5452e+00	-1.2779e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	3.6546e+01	-7.3514e+00	4.6646e-01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	2.6033e+01	-8.3997e+00	9.5827e-01
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	1.7011e+00	5.5770e+00	-5.2490e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	2.0359e+01	-1.1183e+01	9.6126e-01
	558	0.0000e+00	0.0000e+00	0.0000e+00	2.6552e+01	-1.1442e+01	1.7919e+00
	9	0.0000e+00	0.0000e+00	0.0000e+00	6.9031e+00	-3.0013e+01	-4.4184e+00
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	1.5514e+00	7.8148e+00	-2.3321e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	1.7158e+01	-5.2456e+00	-4.9385e-01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	2.2045e+01	-7.6174e+00	-1.7408e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	3.7489e-02	-1.7959e+01	-3.5791e+00
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	2.0812e+00	5.6723e+00	-6.7151e-01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.6968e+01	-1.7167e+00	-1.8431e-01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	1.8900e+01	-3.3377e+00	-1.7001e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	1.0425e+00	-7.4224e+00	-2.1873e+00
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	2.0035e+00	5.7150e-01	8.1915e-01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.7666e+01	-1.1748e+00	7.8872e-01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.7650e+01	-1.1810e+00	-7.7316e-01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	1.9635e+00	4.7758e-01	-7.4273e-01
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	1.1909e+00	-7.2919e+00	2.2822e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	1.8985e+01	-3.3207e+00	1.7359e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.7024e+01	-1.7136e+00	2.0465e-01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	2.1496e+00	5.5958e+00	7.5098e-01
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	2.9099e-01	-1.7765e+01	3.7152e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	2.2190e+01	-7.5839e+00	1.8248e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	1.7286e+01	-5.2257e+00	5.4517e-01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	1.7261e+00	7.7450e+00	2.4356e+00
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	7.1883e+00	-2.9722e+01	4.6257e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	2.6800e+01	-1.1391e+01	-1.6214e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	2.0552e+01	-1.1146e+01	-8.5616e-01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	1.9738e+00	5.5181e+00	5.3909e+00
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	-4.7356e+01	-4.6344e+01	1.3936e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-9.9785e+01	-1.3262e+01	1.9840e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.1967e+02	-1.2715e+02	9.5176e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	-1.6640e+01	-7.1564e+01	3.6143e+00
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	-5.0956e+01	7.4282e+00	1.4683e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-6.6992e+01	1.3026e+01	5.0285e+00
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-8.5327e+01	-1.2913e+01	1.3557e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-5.0335e+01	-2.5906e+01	2.3211e+01
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	-4.4160e+01	2.3481e+01	6.2244e+00
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-5.4070e+01	2.8133e+01	9.7780e-01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-6.0981e+01	1.8450e+01	7.1373e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-4.6877e+01	9.6738e+00	1.2384e+01
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	-4.2700e+01	2.3854e+01	-2.7542e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-5.2261e+01	2.9848e+01	-2.7529e+00
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-5.2259e+01	2.9807e+01	2.7446e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	-4.2700e+01	2.3816e+01	2.7434e+00
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	-4.6871e+01	9.8184e+00	-1.2396e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-6.0984e+01	1.8599e+01	-7.1456e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-5.4066e+01	2.8203e+01	-9.8503e-01

	1002	0.0000e+00	0.0000e+00	0.0000e+00	-4.4153e+01	2.3552e+01	-6.2359e+00
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	-5.0320e+01	-2.5670e+01	-2.3227e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-8.5346e+01	-1.2671e+01	-1.3564e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-6.6992e+01	1.3203e+01	-5.0331e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-5.0944e+01	7.6034e+00	-1.4696e+01
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	-1.6595e+01	-7.1212e+01	-3.5707e+00
	14	0.0000e+00	0.0000e+00	0.0000e+00	-1.1969e+02	-1.2694e+02	-9.4851e+00
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-9.9815e+01	-1.2983e+01	-1.9856e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	-4.7320e+01	-4.6103e+01	-1.3942e+01
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	2.6345e+00	-3.0292e+01	1.1058e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-3.2142e+01	-3.9433e+01	1.7730e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	-2.2710e+01	-5.7996e+01	4.6956e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	5.4451e+00	-3.8721e+01	-1.9765e+00
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	-8.8192e+00	-4.7174e+00	1.2030e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-3.4967e+01	-9.0636e-02	1.8615e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-2.7248e+01	-1.8596e+01	2.1503e+01
	999	0.0000e+00	0.0000e+00	0.0000e+00	-4.4562e+00	-2.0267e+01	1.4919e+01
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	-1.4553e+01	1.0595e+01	5.1543e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	-3.2921e+01	1.8972e+01	6.7981e+00
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-3.2899e+01	1.0913e+01	1.5152e+01
	998	0.0000e+00	0.0000e+00	0.0000e+00	-1.1559e+01	1.0775e+00	1.3509e+01
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	-1.4943e+01	1.2309e+01	-4.4478e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-3.2290e+01	2.2011e+01	-4.4506e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	-3.2291e+01	2.1970e+01	4.4489e+00
	997	0.0000e+00	0.0000e+00	0.0000e+00	-1.4947e+01	1.2271e+01	4.4516e+00
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	-1.1537e+01	1.2203e+00	-1.3508e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-3.2886e+01	1.1061e+01	-1.5157e+01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-3.2910e+01	1.9039e+01	-6.8002e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	-1.4539e+01	1.0662e+01	-5.1508e+00
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	-4.4210e+00	-2.0020e+01	-1.4917e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	-2.7217e+01	-1.8351e+01	-2.1508e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-3.4946e+01	7.8970e-02	-1.8620e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	-8.7851e+00	-4.5477e+00	-1.2030e+01
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	5.4829e+00	-3.8364e+01	1.9764e+00
	314	0.0000e+00	0.0000e+00	0.0000e+00	-2.2693e+01	-5.7633e+01	-4.6819e+00
	1000	0.0000e+00	0.0000e+00	0.0000e+00	-3.2106e+01	-3.9172e+01	-1.7720e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	2.6788e+00	-3.0017e+01	-1.1062e+01
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	2.3229e+01	-1.8357e+01	3.8815e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	5.1548e+00	-2.3722e+01	7.4763e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.0587e+01	-3.1960e+01	1.2731e-01
	399	0.0000e+00	0.0000e+00	0.0000e+00	2.4392e+01	-2.1304e+01	-3.4675e+00
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	1.6840e+01	-7.3304e+00	6.2514e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	-1.5289e+00	-4.1595e+00	1.2178e+01
	999	0.0000e+00	0.0000e+00	0.0000e+00	6.0174e+00	-1.8012e+01	1.1712e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	2.0169e+01	-1.3825e+01	5.7853e+00
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	1.1881e+01	1.7850e+00	2.7575e+00
	997	0.0000e+00	0.0000e+00	0.0000e+00	-4.7363e+00	8.5310e+00	6.1022e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	-9.8795e-01	8.0746e-01	1.0963e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	1.4270e+01	-3.0437e+00	7.6186e+00
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	1.1012e+01	3.4052e+00	-3.2526e+00
	996	0.0000e+00	0.0000e+00	0.0000e+00	-4.5493e+00	1.0526e+01	-3.2578e+00
	997	0.0000e+00	0.0000e+00	0.0000e+00	-4.5533e+00	1.0486e+01	3.2739e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	1.1007e+01	3.3680e+00	3.2790e+00
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	1.4296e+01	-2.9058e+00	-7.5965e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	-9.6409e-01	9.5032e-01	-1.0951e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	-4.7200e+00	8.5964e+00	-6.0863e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	1.1898e+01	1.8486e+00	-2.7323e+00
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	2.0209e+01	-1.3588e+01	-5.7737e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	6.0559e+00	-1.7766e+01	-1.1705e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	-1.4938e+00	-3.9902e+00	-1.2165e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	1.6876e+01	-7.1663e+00	-6.2336e+00
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	2.4439e+01	-2.0970e+01	3.4568e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	1.0622e+01	-3.1604e+01	-1.3117e-01

	994	0.0000e+00	0.0000e+00	0.0000e+00	5.2023e+00	-2.3448e+01	-7.4661e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	2.3275e+01	-1.8092e+01	-3.8781e+00
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	3.5272e+01	-1.1369e+01	4.8547e-01
	993	0.0000e+00	0.0000e+00	0.0000e+00	2.5197e+01	-1.4482e+01	1.8556e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	2.7619e+01	-1.7895e+01	-2.1637e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	3.5364e+01	-1.2246e+01	-3.5338e+00
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	3.2390e+01	-6.7305e+00	2.3978e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	2.1108e+01	-5.5483e+00	5.5907e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	2.5396e+01	-1.2533e+01	4.6927e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	3.3961e+01	-9.3931e+00	1.4999e+00
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	2.9655e+01	-2.2602e+00	1.0646e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	1.8257e+01	1.4943e+00	3.3732e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	2.1227e+01	-3.3170e+00	5.6077e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	3.0921e+01	-4.4336e+00	3.2991e+00
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	2.9068e+01	-1.2739e+00	-1.7008e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	1.8294e+01	2.4899e+00	-1.7064e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	1.8290e+01	2.4531e+00	1.7456e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	2.9062e+01	-1.3086e+00	1.7513e+00
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	3.0946e+01	-4.3072e+00	-3.2564e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	2.1253e+01	-3.1817e+00	-5.5750e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	1.8275e+01	1.5563e+00	-3.3345e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	2.9670e+01	-2.2022e+00	-1.0160e+00
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	3.4000e+01	-9.1787e+00	-1.4765e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	2.5438e+01	-1.2300e+01	-4.6749e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	2.1146e+01	-5.3881e+00	-5.5597e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	3.2423e+01	-6.5808e+00	-2.3612e+00
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	3.5412e+01	-1.1953e+01	3.5226e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	2.7664e+01	-1.7569e+01	2.1538e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	2.5250e+01	-1.4225e+01	-1.8412e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	3.5316e+01	-1.1132e+01	-4.7237e-01
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	4.2072e+01	-7.5141e+00	-6.1866e-01
	987	0.0000e+00	0.0000e+00	0.0000e+00	3.6640e+01	-9.2053e+00	-4.9090e-01
	388	0.0000e+00	0.0000e+00	0.0000e+00	3.7334e+01	-1.0455e+01	-2.5817e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	4.1613e+01	-7.5887e+00	-2.7094e+00
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	4.1088e+01	-5.6741e+00	5.6043e-01
	986	0.0000e+00	0.0000e+00	0.0000e+00	3.4838e+01	-5.3589e+00	1.9129e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	3.6786e+01	-8.6019e+00	1.2053e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	4.1622e+01	-6.7441e+00	-1.4718e-01
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	3.9878e+01	-3.6286e+00	2.5541e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	3.3309e+01	-1.9727e+00	1.4171e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	3.4887e+01	-4.4703e+00	2.2364e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	4.0431e+01	-4.6004e+00	1.0747e+00
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	3.9593e+01	-3.1211e+00	-6.9324e-01
	984	0.0000e+00	0.0000e+00	0.0000e+00	3.3320e+01	-1.5307e+00	-6.9786e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	3.3316e+01	-1.5636e+00	7.6023e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	3.9589e+01	-3.1518e+00	7.6485e-01
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	4.0450e+01	-4.4910e+00	-1.0138e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	3.4912e+01	-4.3492e+00	-2.1837e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	3.3326e+01	-1.9164e+00	-1.3560e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	3.9889e+01	-3.5789e+00	-1.8614e-01
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	4.1652e+01	-6.5623e+00	1.8279e-01
	982	0.0000e+00	0.0000e+00	0.0000e+00	3.6826e+01	-8.3965e+00	-1.1750e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	3.4874e+01	-5.2153e+00	-1.8646e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	4.1112e+01	-5.5463e+00	-5.0679e-01
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	4.1652e+01	-7.3479e+00	2.7027e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	3.7380e+01	-1.0177e+01	2.5738e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	3.6691e+01	-8.9795e+00	5.1338e-01
	976	0.0000e+00	0.0000e+00	0.0000e+00	4.2105e+01	-7.3166e+00	6.4229e-01
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	4.4998e+01	-5.6514e+00	-5.6279e-01
	981	0.0000e+00	0.0000e+00	0.0000e+00	4.2815e+01	-6.4449e+00	-1.0044e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	4.2625e+01	-6.7061e+00	-1.9239e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	4.4378e+01	-5.4952e+00	-1.4822e+00
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	4.4824e+01	-4.8523e+00	-9.8305e-02



	980	0.0000e+00	0.0000e+00	0.0000e+00	4.2296e+01	-4.8941e+00	3.3774e-01
	981	0.0000e+00	0.0000e+00	0.0000e+00	4.2970e+01	-6.2955e+00	-8.3392e-02
	975	0.0000e+00	0.0000e+00	0.0000e+00	4.4949e+01	-5.4192e+00	-5.1944e-01
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	4.4341e+01	-3.8075e+00	-5.6004e-02
	979	0.0000e+00	0.0000e+00	0.0000e+00	4.1642e+01	-3.3251e+00	4.5955e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	4.2328e+01	-4.5167e+00	6.1588e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	4.4601e+01	-4.3751e+00	1.0033e-01
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	4.4230e+01	-3.5527e+00	-1.6133e-01
	978	0.0000e+00	0.0000e+00	0.0000e+00	4.1644e+01	-3.1071e+00	-1.6344e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	4.1641e+01	-3.1345e+00	2.4449e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	4.4229e+01	-3.5781e+00	2.4660e-01
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	4.4608e+01	-4.2869e+00	-2.7991e-02
	977	0.0000e+00	0.0000e+00	0.0000e+00	4.2345e+01	-4.4153e+00	-5.4696e-01
	978	0.0000e+00	0.0000e+00	0.0000e+00	4.1655e+01	-3.2768e+00	-3.8049e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	4.4345e+01	-3.7681e+00	1.3849e-01
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	4.4958e+01	-5.2765e+00	5.6221e-01
	976	0.0000e+00	0.0000e+00	0.0000e+00	4.2999e+01	-6.1267e+00	1.2478e-01
	977	0.0000e+00	0.0000e+00	0.0000e+00	4.2323e+01	-4.7732e+00	-2.7520e-01
	971	0.0000e+00	0.0000e+00	0.0000e+00	4.4832e+01	-4.7514e+00	1.6223e-01
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	4.4388e+01	-5.3146e+00	1.4772e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	4.2658e+01	-6.4848e+00	1.9200e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	4.2853e+01	-6.2594e+00	1.0347e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	4.5006e+01	-5.4997e+00	5.9198e-01
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	4.4218e+01	-5.2131e+00	-1.5808e-01
	975	0.0000e+00	0.0000e+00	0.0000e+00	4.5052e+01	-5.3678e+00	-6.9952e-01
	366	0.0000e+00	0.0000e+00	0.0000e+00	4.4520e+01	-5.2274e+00	-7.9632e-01
	355	0.0000e+00	0.0000e+00	0.0000e+00	4.3757e+01	-5.1711e+00	-2.5488e-01
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	4.4110e+01	-4.4038e+00	-3.8626e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	4.4978e+01	-4.6167e+00	-1.8148e-01
	975	0.0000e+00	0.0000e+00	0.0000e+00	4.5136e+01	-5.2677e+00	-3.4375e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	4.4328e+01	-5.1269e+00	-5.4853e-01
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	4.3780e+01	-3.4603e+00	-2.3465e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	4.4633e+01	-3.6857e+00	9.1162e-02
	974	0.0000e+00	0.0000e+00	0.0000e+00	4.4928e+01	-4.3205e+00	-1.1391e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	4.4083e+01	-4.0988e+00	-4.3972e-01
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	4.3747e+01	-3.2848e+00	1.4890e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	4.4597e+01	-3.5152e+00	1.5123e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	4.4598e+01	-3.5357e+00	-6.0770e-02
	967	0.0000e+00	0.0000e+00	0.0000e+00	4.3750e+01	-3.3040e+00	-6.3100e-02
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	4.4070e+01	-4.0354e+00	5.1053e-01
	971	0.0000e+00	0.0000e+00	0.0000e+00	4.4930e+01	-4.2431e+00	1.9019e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	4.4639e+01	-3.6471e+00	-3.2399e-03
	966	0.0000e+00	0.0000e+00	0.0000e+00	4.3774e+01	-3.4332e+00	3.1711e-01
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	4.4301e+01	-5.0282e+00	5.8601e-01
	970	0.0000e+00	0.0000e+00	0.0000e+00	4.5141e+01	-5.1419e+00	3.8860e-01
	971	0.0000e+00	0.0000e+00	0.0000e+00	4.4987e+01	-4.5228e+00	2.4981e-01
	965	0.0000e+00	0.0000e+00	0.0000e+00	4.4093e+01	-4.3340e+00	4.4721e-01
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	4.3717e+01	-5.0562e+00	2.4048e-01
	264	0.0000e+00	0.0000e+00	0.0000e+00	4.4519e+01	-5.0712e+00	7.9105e-01
	970	0.0000e+00	0.0000e+00	0.0000e+00	4.5062e+01	-5.2288e+00	7.3083e-01
	964	0.0000e+00	0.0000e+00	0.0000e+00	4.4185e+01	-5.1125e+00	1.8026e-01
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	3.8745e+01	-6.0290e+00	-3.8202e-02
	969	0.0000e+00	0.0000e+00	0.0000e+00	4.3382e+01	-5.6436e+00	-2.9103e-01
	355	0.0000e+00	0.0000e+00	0.0000e+00	4.2885e+01	-5.4670e+00	3.5032e-01
	344	0.0000e+00	0.0000e+00	0.0000e+00	3.8778e+01	-6.4797e+00	6.0315e-01
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	3.8137e+01	-4.1478e+00	-9.3827e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	4.3065e+01	-4.6767e+00	-4.2256e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	4.3243e+01	-5.2920e+00	-4.4699e-01
	963	0.0000e+00	0.0000e+00	0.0000e+00	3.8905e+01	-5.7676e+00	-9.6269e-01
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	3.7617e+01	-2.6155e+00	-5.2793e-01
	967	0.0000e+00	0.0000e+00	0.0000e+00	4.2549e+01	-3.5678e+00	-6.5517e-02
	968	0.0000e+00	0.0000e+00	0.0000e+00	4.2835e+01	-4.1694e+00	-6.8421e-01
	962	0.0000e+00	0.0000e+00	0.0000e+00	3.8179e+01	-3.7729e+00	-1.1466e+00

1644	960	0.0000e+00	0.0000e+00	0.0000e+00	3.7609e+01	-2.4285e+00	4.4803e-01
	966	0.0000e+00	0.0000e+00	0.0000e+00	4.2443e+01	-3.3320e+00	4.5703e-01
	967	0.0000e+00	0.0000e+00	0.0000e+00	4.2450e+01	-3.3442e+00	-3.7252e-01
	961	0.0000e+00	0.0000e+00	0.0000e+00	3.7618e+01	-2.4392e+00	-3.8152e-01
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	3.8137e+01	-3.7397e+00	1.1957e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	4.2816e+01	-4.1200e+00	7.5221e-01
	966	0.0000e+00	0.0000e+00	0.0000e+00	4.2543e+01	-3.5406e+00	1.4698e-01
	960	0.0000e+00	0.0000e+00	0.0000e+00	3.7595e+01	-2.6016e+00	5.9048e-01
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	3.8826e+01	-5.7194e+00	9.7362e-01
	964	0.0000e+00	0.0000e+00	0.0000e+00	4.3208e+01	-5.2144e+00	4.7965e-01
	965	0.0000e+00	0.0000e+00	0.0000e+00	4.3046e+01	-4.6137e+00	4.8129e-01
	959	0.0000e+00	0.0000e+00	0.0000e+00	3.8082e+01	-4.1123e+00	9.7526e-01
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	3.8662e+01	-6.4366e+00	-6.4781e-01
	254	0.0000e+00	0.0000e+00	0.0000e+00	4.2826e+01	-5.3812e+00	-3.7153e-01
	964	0.0000e+00	0.0000e+00	0.0000e+00	4.3344e+01	-5.5556e+00	3.0808e-01
	958	0.0000e+00	0.0000e+00	0.0000e+00	3.8651e+01	-5.9817e+00	3.1804e-02
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	2.6033e+01	-8.3991e+00	-9.5790e-01
	963	0.0000e+00	0.0000e+00	0.0000e+00	3.6546e+01	-7.3509e+00	-4.6612e-01
	344	0.0000e+00	0.0000e+00	0.0000e+00	3.6376e+01	-7.5446e+00	1.2781e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	2.7105e+01	-1.0299e+01	7.8632e-01
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	2.4778e+01	-4.7915e+00	-2.0889e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	3.5537e+01	-4.8689e+00	-1.0565e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	3.5711e+01	-6.3296e+00	-1.2700e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	2.6499e+01	-5.9415e+00	-2.3025e+00
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	2.4273e+01	-1.6159e+00	-9.0599e-01
	961	0.0000e+00	0.0000e+00	0.0000e+00	3.4523e+01	-2.8938e+00	-3.1243e-01
	962	0.0000e+00	0.0000e+00	0.0000e+00	3.4848e+01	-4.0164e+00	-1.7331e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	2.5038e+01	-2.1973e+00	-2.3266e+00
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	2.4323e+01	-6.7286e-01	8.8104e-01
	960	0.0000e+00	0.0000e+00	0.0000e+00	3.4282e+01	-2.5768e+00	9.0001e-01
	961	0.0000e+00	0.0000e+00	0.0000e+00	3.4297e+01	-2.5787e+00	-8.4219e-01
	952	0.0000e+00	0.0000e+00	0.0000e+00	2.4343e+01	-6.8466e-01	-8.6116e-01
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	2.4957e+01	-2.1873e+00	2.3275e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	3.4796e+01	-4.0001e+00	1.7722e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	3.4504e+01	-2.8797e+00	3.6640e-01
	950	0.0000e+00	0.0000e+00	0.0000e+00	2.4230e+01	-1.6279e+00	9.2175e-01
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	2.6353e+01	-5.9405e+00	2.2594e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	3.5620e+01	-6.3060e+00	1.2675e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	3.5481e+01	-4.8420e+00	1.0843e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	2.4673e+01	-4.8082e+00	2.0762e+00
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	2.6891e+01	-1.0308e+01	-8.8946e-01
	244	0.0000e+00	0.0000e+00	0.0000e+00	3.6235e+01	-7.5335e+00	-1.3351e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	3.6445e+01	-7.3165e+00	4.4653e-01
	946	0.0000e+00	0.0000e+00	0.0000e+00	2.5863e+01	-8.4262e+00	8.9213e-01
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	1.9742e+00	5.5180e+00	-5.3908e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	2.0553e+01	-1.1145e+01	8.5639e-01
	324	0.0000e+00	0.0000e+00	0.0000e+00	2.6800e+01	-1.1390e+01	1.6216e+00
	4	0.0000e+00	0.0000e+00	0.0000e+00	7.1892e+00	-2.9721e+01	-4.6255e+00
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	1.7263e+00	7.7448e+00	-2.4353e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	1.7286e+01	-5.2254e+00	-5.4486e-01
	956	0.0000e+00	0.0000e+00	0.0000e+00	2.2190e+01	-7.5835e+00	-1.8245e+00
	957	0.0000e+00	0.0000e+00	0.0000e+00	2.9135e-01	-1.7764e+01	-3.7150e+00
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	2.1496e+00	5.5953e+00	-7.5070e-01
	952	0.0000e+00	0.0000e+00	0.0000e+00	1.7024e+01	-1.7135e+00	-2.0432e-01
	954	0.0000e+00	0.0000e+00	0.0000e+00	1.8985e+01	-3.3204e+00	-1.7356e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	1.1911e+00	-7.2911e+00	-2.2820e+00
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	1.9634e+00	4.7680e-01	7.4301e-01
	950	0.0000e+00	0.0000e+00	0.0000e+00	1.7650e+01	-1.1812e+00	7.7348e-01
	952	0.0000e+00	0.0000e+00	0.0000e+00	1.7665e+01	-1.1748e+00	-7.8839e-01
	953	0.0000e+00	0.0000e+00	0.0000e+00	2.0035e+00	5.7205e-01	-8.1886e-01
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	1.0422e+00	-7.4235e+00	2.1875e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	1.8900e+01	-3.3381e+00	1.7004e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	1.6968e+01	-1.7170e+00	1.8461e-01

	951	0.0000e+00	0.0000e+00	0.0000e+00	2.0811e+00	5.6727e+00	6.7178e-01
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	3.7022e-02	-1.7961e+01	3.5793e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	2.2045e+01	-7.6182e+00	1.7410e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	1.7158e+01	-5.2461e+00	4.9409e-01
	949	0.0000e+00	0.0000e+00	0.0000e+00	1.5511e+00	7.8149e+00	2.3324e+00
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	6.9022e+00	-3.0015e+01	4.4185e+00
	234	0.0000e+00	0.0000e+00	0.0000e+00	2.6552e+01	-1.1443e+01	-1.7918e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	2.0359e+01	-1.1184e+01	-9.6117e-01
	947	0.0000e+00	0.0000e+00	0.0000e+00	1.7006e+00	5.5769e+00	5.2492e+00
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	-5.0824e+01	-5.2820e+01	1.6903e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	-9.9397e+01	-1.2004e+01	2.0438e+01
	18	0.0000e+00	0.0000e+00	0.0000e+00	-1.2895e+02	-1.4647e+02	1.0129e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-1.4179e+01	-8.5111e+01	6.5942e+00
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	-4.6772e+01	9.2610e+00	1.8702e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	-6.1973e+01	1.3967e+01	5.9067e+00
	945	0.0000e+00	0.0000e+00	0.0000e+00	-8.2951e+01	-1.7284e+01	1.4266e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-5.1473e+01	-2.9239e+01	2.7062e+01
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	-3.5636e+01	2.9074e+01	1.0127e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	-4.3410e+01	3.2825e+01	2.1419e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	-5.4314e+01	1.9416e+01	7.9654e+00
	937	0.0000e+00	0.0000e+00	0.0000e+00	-4.0756e+01	1.1561e+01	1.5950e+01
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	-3.0288e+01	3.5494e+01	2.3610e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	-3.6146e+01	3.9328e+01	-6.3114e-01
	943	0.0000e+00	0.0000e+00	0.0000e+00	-3.9986e+01	3.4910e+01	3.8339e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	-3.2453e+01	2.9844e+01	6.8260e+00
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	-3.1084e+01	3.2090e+01	-5.2269e+00
	941	0.0000e+00	0.0000e+00	0.0000e+00	-3.8203e+01	3.6900e+01	-3.4559e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	-3.5797e+01	3.9525e+01	9.1436e-01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-2.9936e+01	3.5624e+01	-8.5660e-01
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	-3.7613e+01	1.6995e+01	-1.3952e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-5.0042e+01	2.4280e+01	-7.3278e+00
	941	0.0000e+00	0.0000e+00	0.0000e+00	-4.0853e+01	3.5292e+01	-1.8265e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	-3.3508e+01	3.1611e+01	-8.4506e+00
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	-4.6650e+01	-1.8419e+01	-2.4372e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-7.5272e+01	-7.4637e+00	-1.3146e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-5.6654e+01	1.9623e+01	-5.3975e+00
	933	0.0000e+00	0.0000e+00	0.0000e+00	-4.2737e+01	1.5136e+01	-1.6624e+01
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	-1.3760e+01	-6.6858e+01	-6.1455e+00
	17	0.0000e+00	0.0000e+00	0.0000e+00	-1.1524e+02	-1.2208e+02	-9.4806e+00
	939	0.0000e+00	0.0000e+00	0.0000e+00	-8.9864e+01	-2.6677e+00	-1.8817e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	-4.5827e+01	-3.9285e+01	-1.5482e+01
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	4.4002e+00	-3.7062e+01	1.6653e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-3.2896e+01	-4.6765e+01	2.3436e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-2.2326e+01	-6.8950e+01	8.1575e+00
	527	0.0000e+00	0.0000e+00	0.0000e+00	7.4437e+00	-4.8200e+01	1.3742e+00
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	-7.8825e+00	-3.1649e+00	1.8397e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	-3.2486e+01	1.2832e+00	2.3751e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-2.5551e+01	-2.1417e+01	2.7202e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	-4.0727e+00	-2.3847e+01	2.1848e+01
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	-1.2189e+01	1.7718e+01	1.1695e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	-2.7175e+01	2.4629e+01	1.1810e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	-2.9360e+01	1.3070e+01	2.0012e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	-9.7723e+00	3.6327e+00	1.9897e+01
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	-1.2160e+01	2.5589e+01	2.3262e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	-2.4116e+01	3.3060e+01	1.7595e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	-2.5598e+01	2.9082e+01	9.8858e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	-1.1815e+01	2.0356e+01	1.0453e+01
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	-1.1382e+01	2.2749e+01	-7.7080e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	-2.4495e+01	3.1125e+01	-7.6952e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	-2.3888e+01	3.3420e+01	3.2297e-01
	928	0.0000e+00	0.0000e+00	0.0000e+00	-1.1964e+01	2.5814e+01	3.1024e-01
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	-9.0661e+00	9.2051e+00	-1.7020e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-2.7110e+01	1.8152e+01	-1.7448e+01

	934	0.0000e+00	0.0000e+00	0.0000e+00	-2.5606e+01	2.7560e+01	-9.5055e+00
	927	0.0000e+00	0.0000e+00	0.0000e+00	-1.1429e+01	2.0677e+01	-9.0777e+00
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	-3.7606e+00	-1.4219e+01	-1.9562e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	-2.3359e+01	-1.1595e+01	-2.4445e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-2.9725e+01	7.9340e+00	-2.0841e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	-7.1948e+00	3.3751e+00	-1.5958e+01
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	6.3389e+00	-3.5051e+01	-2.3364e+00
	861	0.0000e+00	0.0000e+00	0.0000e+00	-2.0840e+01	-5.2677e+01	-8.0850e+00
	932	0.0000e+00	0.0000e+00	0.0000e+00	-2.9815e+01	-3.3838e+01	-2.1022e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	3.7777e+00	-2.5679e+01	-1.5273e+01
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	2.4363e+01	-2.2967e+01	9.3680e+00
	931	0.0000e+00	0.0000e+00	0.0000e+00	5.7987e+00	-2.9787e+01	1.3376e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	1.1928e+01	-4.0165e+01	3.7698e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	2.6277e+01	-2.7840e+01	-2.3778e-01
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	1.6245e+01	-6.1054e+00	1.2933e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	-1.3951e+00	-3.4264e+00	1.9472e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	7.6965e+00	-2.0765e+01	1.8573e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	2.0277e+01	-1.6293e+01	1.2033e+01
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	9.9788e+00	8.7439e+00	9.2053e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	-4.4375e+00	1.5002e+01	1.2926e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	-2.3591e-01	4.0156e+00	1.8094e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	1.3244e+01	-2.7328e-02	1.4374e+01
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	7.6202e+00	1.5726e+01	1.8031e+00
	928	0.0000e+00	0.0000e+00	0.0000e+00	-4.8162e+00	2.3083e+01	2.8763e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	-3.8540e+00	1.9093e+01	1.0176e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	8.8120e+00	1.1902e+01	9.1024e+00
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	8.5975e+00	1.4145e+01	-6.2592e+00
	927	0.0000e+00	0.0000e+00	0.0000e+00	-3.6638e+00	2.1258e+01	-7.2459e+00
	928	0.0000e+00	0.0000e+00	0.0000e+00	-4.7010e+00	2.3514e+01	6.9879e-02
	921	0.0000e+00	0.0000e+00	0.0000e+00	7.6544e+00	1.6045e+01	1.0566e+00
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	1.2647e+01	4.9582e+00	-1.1913e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	-1.0264e-01	9.2576e+00	-1.5304e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	-4.0125e+00	1.8125e+01	-9.9331e+00
	920	0.0000e+00	0.0000e+00	0.0000e+00	9.7517e+00	1.1719e+01	-6.5424e+00
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	1.8999e+01	-8.5193e+00	-1.0856e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	7.0926e+00	-1.1718e+01	-1.6685e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	-1.0109e+00	2.9758e+00	-1.6714e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	1.5404e+01	-1.6524e-01	-1.0885e+01
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	2.4377e+01	-1.8174e+01	-1.1428e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	1.0688e+01	-2.8135e+01	-4.6030e+00
	925	0.0000e+00	0.0000e+00	0.0000e+00	5.4815e+00	-1.9480e+01	-1.2244e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	2.2640e+01	-1.4212e+01	-8.7834e+00
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	3.5300e+01	-1.4113e+01	4.9183e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	2.5407e+01	-1.8502e+01	7.0314e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	2.8662e+01	-2.3446e+01	1.3256e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	3.6286e+01	-1.6462e+01	-7.8748e-01
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	3.0526e+01	-5.3530e+00	7.8029e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	1.9587e+01	-4.6275e+00	1.2287e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	2.5921e+01	-1.4336e+01	1.0809e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	3.3192e+01	-1.0665e+01	6.3251e+00
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	2.5710e+01	3.7265e+00	5.9767e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	1.5160e+01	7.8376e+00	9.6165e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	1.9915e+01	-1.5017e-03	1.2355e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	2.8258e+01	-1.3494e+00	8.7156e+00
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	2.3306e+01	8.7249e+00	1.2972e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	1.3568e+01	1.4064e+01	2.7185e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	1.5293e+01	1.0757e+01	7.6609e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	2.4434e+01	6.2453e+00	6.2397e+00
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	2.3963e+01	8.1571e+00	-3.8212e+00
	920	0.0000e+00	0.0000e+00	0.0000e+00	1.4930e+01	1.2822e+01	-4.8306e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	1.3615e+01	1.4475e+01	2.2203e-01
	914	0.0000e+00	0.0000e+00	0.0000e+00	2.3252e+01	9.0686e+00	1.2314e+00
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	2.7244e+01	2.7722e+00	-6.8700e+00

	919	0.0000e+00	0.0000e+00	0.0000e+00	1.9066e+01	4.6933e+00	-1.0019e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	1.4900e+01	1.0747e+01	-6.8511e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.5092e+01	6.3551e+00	-3.7024e+00
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	3.1688e+01	-4.6151e+00	-5.7285e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	2.4476e+01	-7.0443e+00	-9.7176e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	1.8867e+01	9.1378e-01	-1.0231e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	2.9291e+01	-4.9264e-01	-6.2416e+00
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	3.4655e+01	-9.3444e+00	-5.6307e-01
	845	0.0000e+00	0.0000e+00	0.0000e+00	2.6961e+01	-1.4534e+01	-2.5102e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	2.4114e+01	-1.0568e+01	-6.6532e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	3.3595e+01	-7.4998e+00	-4.7060e+00
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	4.1234e+01	-8.9970e+00	2.4180e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	3.6029e+01	-1.1519e+01	3.4383e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	3.7641e+01	-1.4044e+01	2.6074e-01
	494	0.0000e+00	0.0000e+00	0.0000e+00	4.1669e+01	-1.0233e+01	-7.5952e-01
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	3.8478e+01	-4.1543e+00	4.1744e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	3.2298e+01	-4.0316e+00	6.9365e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	3.6148e+01	-9.4798e+00	5.8241e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	4.0171e+01	-7.1399e+00	3.0620e+00
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	3.5309e+01	1.3348e+00	3.3837e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	2.8800e+01	3.6245e+00	6.0121e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	3.2294e+01	-1.3805e+00	7.3186e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	3.7089e+01	-1.6949e+00	4.6903e+00
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	3.3528e+01	4.6842e+00	9.0034e-01
	914	0.0000e+00	0.0000e+00	0.0000e+00	2.7252e+01	7.8571e+00	2.0793e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	2.8753e+01	5.4866e+00	4.8854e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	3.4393e+01	3.0664e+00	3.7065e+00
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	3.3900e+01	4.6340e+00	-1.8327e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.8212e+01	7.2812e+00	-2.5280e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	2.7265e+01	8.2061e+00	4.0895e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	3.3452e+01	4.9996e+00	1.1043e+00
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	3.6109e+01	1.6224e+00	-3.3367e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	3.1235e+01	2.5106e+00	-5.5220e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.8300e+01	6.0990e+00	-3.7827e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	3.4658e+01	3.5206e+00	-1.5974e+00
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	3.8922e+01	-2.4504e+00	-2.6772e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	3.4731e+01	-3.8054e+00	-5.1605e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	3.1317e+01	4.4869e-01	-5.4683e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	3.7352e+01	-2.9283e-01	-2.9850e+00
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	4.0603e+01	-4.9270e+00	-2.2084e-01
	837	0.0000e+00	0.0000e+00	0.0000e+00	3.6302e+01	-7.4518e+00	-1.3360e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	3.4740e+01	-5.5006e+00	-3.3644e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	3.9927e+01	-3.9827e+00	-2.2492e+00
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	4.3754e+01	-6.4087e+00	1.0645e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	4.1619e+01	-7.6411e+00	1.5195e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	4.2335e+01	-8.9995e+00	5.2374e-03
	483	0.0000e+00	0.0000e+00	0.0000e+00	4.3951e+01	-7.2137e+00	-4.4976e-01
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	4.2028e+01	-3.2607e+00	1.7820e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	3.9346e+01	-3.3327e+00	3.5116e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	4.1593e+01	-6.5039e+00	2.8743e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	4.3252e+01	-5.3057e+00	1.1447e+00
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	3.9912e+01	4.4953e-01	1.5221e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	3.6908e+01	1.4407e+00	3.3283e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	3.9185e+01	-1.7055e+00	3.8095e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	4.1260e+01	-1.6734e+00	2.0033e+00
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	3.8670e+01	2.8361e+00	5.8171e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	3.5685e+01	4.3033e+00	1.4616e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	3.6768e+01	2.6659e+00	2.7099e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	3.9353e+01	1.6450e+00	1.8301e+00
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	3.8916e+01	2.9505e+00	-4.5100e-01
	906	0.0000e+00	0.0000e+00	0.0000e+00	3.6248e+01	4.1642e+00	-8.8839e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	3.5683e+01	4.5900e+00	4.6438e-01
	900	0.0000e+00	0.0000e+00	0.0000e+00	3.8604e+01	3.1075e+00	9.0177e-01

1707	898	0.0000e+00	0.0000e+00	0.0000e+00	4.0437e+01	1.0561e+00	-9.8411e-01
	905	0.0000e+00	0.0000e+00	0.0000e+00	3.8238e+01	1.4473e+00	-2.4404e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	3.6399e+01	3.4800e+00	-1.6358e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	3.9354e+01	2.2676e+00	-1.7954e-01
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	4.2314e+01	-1.5366e+00	-7.4005e-01
	904	0.0000e+00	0.0000e+00	0.0000e+00	4.0481e+01	-2.0806e+00	-2.3405e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	3.8455e+01	2.4666e-01	-2.4263e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	4.1129e+01	-1.2640e-01	-8.2584e-01
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	4.3351e+01	-3.0754e+00	3.7590e-02
	829	0.0000e+00	0.0000e+00	0.0000e+00	4.1519e+01	-4.0494e+00	-6.5969e-01
	904	0.0000e+00	0.0000e+00	0.0000e+00	4.0634e+01	-3.0214e+00	-1.4330e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	4.2838e+01	-2.4542e+00	-7.3570e-01
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	4.3042e+01	-5.6650e+00	1.9808e-01
	903	0.0000e+00	0.0000e+00	0.0000e+00	4.3702e+01	-5.9530e+00	4.7071e-01
	483	0.0000e+00	0.0000e+00	0.0000e+00	4.3991e+01	-6.7978e+00	1.6265e-01
	472	0.0000e+00	0.0000e+00	0.0000e+00	4.3301e+01	-6.4717e+00	-1.0998e-01
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	4.1605e+01	-2.7739e+00	-5.2544e-03
	902	0.0000e+00	0.0000e+00	0.0000e+00	4.2127e+01	-2.9460e+00	1.3140e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	4.3524e+01	-5.0939e+00	1.0603e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	4.2856e+01	-4.7604e+00	-2.5893e-01
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	3.9944e+01	4.9354e-01	8.3113e-02
	901	0.0000e+00	0.0000e+00	0.0000e+00	4.0282e+01	5.2658e-01	1.4814e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	4.1805e+01	-1.6974e+00	1.3844e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	4.1227e+01	-1.4710e+00	-1.3911e-02
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	3.9013e+01	2.5507e+00	3.0915e-01
	900	0.0000e+00	0.0000e+00	0.0000e+00	3.9277e+01	2.7068e+00	1.0064e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	4.0050e+01	1.4774e+00	1.0827e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	3.9639e+01	1.4816e+00	3.8538e-01
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	3.9254e+01	2.6321e+00	5.7431e-01
	899	0.0000e+00	0.0000e+00	0.0000e+00	3.9604e+01	2.7460e+00	2.6086e-01
	900	0.0000e+00	0.0000e+00	0.0000e+00	3.9264e+01	2.9494e+00	3.9809e-01
	893	0.0000e+00	0.0000e+00	0.0000e+00	3.8965e+01	2.7898e+00	7.1153e-01
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	4.0517e+01	9.2831e-01	7.9652e-01
	898	0.0000e+00	0.0000e+00	0.0000e+00	4.1021e+01	9.3014e-01	-3.1685e-01
	899	0.0000e+00	0.0000e+00	0.0000e+00	3.9825e+01	2.2475e+00	-2.3596e-01
	892	0.0000e+00	0.0000e+00	0.0000e+00	3.9479e+01	2.0881e+00	8.7742e-01
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	4.2079e+01	-1.4720e+00	7.7851e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	4.2679e+01	-1.4900e+00	-4.7566e-01
	898	0.0000e+00	0.0000e+00	0.0000e+00	4.1375e+01	2.4172e-02	-4.5039e-01
	891	0.0000e+00	0.0000e+00	0.0000e+00	4.0866e+01	-4.4191e-02	8.0378e-01
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	4.2877e+01	-2.9201e+00	3.1957e-01
	821	0.0000e+00	0.0000e+00	0.0000e+00	4.3529e+01	-2.8770e+00	-2.3653e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	4.2967e+01	-2.2137e+00	-1.9192e-01
	890	0.0000e+00	0.0000e+00	0.0000e+00	4.2323e+01	-2.2595e+00	3.6418e-01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	3.8065e+01	-6.4180e+00	-7.3688e-01
	896	0.0000e+00	0.0000e+00	0.0000e+00	4.2326e+01	-6.0101e+00	-2.9887e-01
	472	0.0000e+00	0.0000e+00	0.0000e+00	4.2543e+01	-6.7788e+00	4.3216e-01
	461	0.0000e+00	0.0000e+00	0.0000e+00	3.8727e+01	-7.8280e+00	-5.8471e-03
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	3.6382e+01	-2.3647e+00	-1.7536e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	4.0726e+01	-2.9254e+00	-3.2012e-01
	896	0.0000e+00	0.0000e+00	0.0000e+00	4.1891e+01	-4.9527e+00	-3.8106e-01
	889	0.0000e+00	0.0000e+00	0.0000e+00	3.8094e+01	-5.3919e+00	-1.8146e+00
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	3.4848e+01	1.4396e+00	-1.1959e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	3.8970e+01	4.7942e-01	1.2227e-01
	895	0.0000e+00	0.0000e+00	0.0000e+00	4.0222e+01	-1.5859e+00	-5.7875e-01
	888	0.0000e+00	0.0000e+00	0.0000e+00	3.6242e+01	-1.1489e+00	-1.8969e+00
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	3.4101e+01	3.5548e+00	8.1999e-02
	893	0.0000e+00	0.0000e+00	0.0000e+00	3.8038e+01	2.5416e+00	6.9801e-01
	894	0.0000e+00	0.0000e+00	0.0000e+00	3.8669e+01	1.4179e+00	-2.5814e-01
	887	0.0000e+00	0.0000e+00	0.0000e+00	3.4706e+01	2.3104e+00	-8.7415e-01
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	3.4352e+01	3.4289e+00	1.4620e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	3.8278e+01	2.5551e+00	1.1925e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	3.8021e+01	2.7621e+00	2.5867e-01

	886	0.0000e+00	0.0000e+00	0.0000e+00	3.4068e+01	3.7494e+00	5.2822e-01
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	3.5560e+01	1.1823e+00	2.4529e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	3.9525e+01	7.6556e-01	1.4105e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	3.8553e+01	2.0336e+00	7.5731e-01
	885	0.0000e+00	0.0000e+00	0.0000e+00	3.4440e+01	2.9188e+00	1.7997e+00
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	3.7264e+01	-2.1593e+00	2.4023e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	4.1128e+01	-1.7424e+00	1.0692e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	4.0029e+01	-2.4432e-01	1.0391e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	3.5687e+01	2.3245e-01	2.3723e+00
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	3.8123e+01	-4.3337e+00	7.4679e-01
	813	0.0000e+00	0.0000e+00	0.0000e+00	4.2115e+01	-3.3282e+00	8.9972e-02
	890	0.0000e+00	0.0000e+00	0.0000e+00	4.1627e+01	-2.6560e+00	8.1439e-01
	883	0.0000e+00	0.0000e+00	0.0000e+00	3.7293e+01	-3.0943e+00	1.4712e+00
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	2.6154e+01	-9.6550e+00	-2.5206e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	3.6323e+01	-7.7579e+00	-1.5320e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	3.6473e+01	-9.0180e+00	5.8998e-01
	441	0.0000e+00	0.0000e+00	0.0000e+00	2.7988e+01	-1.1350e+01	-3.9859e-01
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	2.4164e+01	-3.4630e+00	-3.7547e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	3.4274e+01	-2.9456e+00	-2.0989e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	3.4906e+01	-5.9946e+00	-2.4036e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	2.6855e+01	-4.8698e+00	-4.0594e+00
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	2.3201e+01	2.1161e+00	-2.2121e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	3.2329e+01	1.3449e+00	-1.1220e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	3.3177e+01	-1.3938e+00	-2.7842e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	2.4540e+01	1.1481e+00	-3.8743e+00
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	2.2857e+01	5.1960e+00	7.4624e-03
	886	0.0000e+00	0.0000e+00	0.0000e+00	3.1407e+01	3.5800e+00	4.5926e-01
	887	0.0000e+00	0.0000e+00	0.0000e+00	3.1825e+01	2.2581e+00	-1.5913e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	2.3346e+01	4.7292e+00	-2.0431e+00
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	2.3017e+01	5.5774e+00	2.2666e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	3.1507e+01	3.3671e+00	2.1100e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	3.1354e+01	3.7758e+00	6.4772e-02
	875	0.0000e+00	0.0000e+00	0.0000e+00	2.2855e+01	5.6420e+00	2.2137e-01
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	2.3857e+01	3.2611e+00	4.1189e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	3.2538e+01	9.1651e-01	3.3099e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	3.1897e+01	2.8375e+00	1.6287e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	2.2874e+01	3.8436e+00	2.4378e+00
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	2.5800e+01	-1.5944e+00	4.5062e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	3.4090e+01	-2.7798e+00	3.0729e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	3.3503e+01	-2.8521e-01	2.6043e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	2.3512e+01	-5.3665e-01	4.0376e+00
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	2.6859e+01	-7.3400e+00	1.4470e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	3.5757e+01	-5.5121e+00	4.3583e-01
	883	0.0000e+00	0.0000e+00	0.0000e+00	3.5421e+01	-4.3156e+00	2.1559e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	2.5166e+01	-5.9160e+00	3.1671e+00
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	3.7787e+00	9.0557e+00	-6.9290e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	2.0208e+01	-1.2047e+01	6.1780e-02
	441	0.0000e+00	0.0000e+00	0.0000e+00	2.9261e+01	-1.3013e+01	9.4216e-01
	7	0.0000e+00	0.0000e+00	0.0000e+00	8.7547e+00	-3.5871e+01	-6.0486e+00
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	3.6442e+00	1.3713e+01	-3.6341e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	1.6584e+01	-3.2692e+00	-1.5063e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	2.3197e+01	-7.0265e+00	-2.9640e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	1.3010e+00	-2.1103e+01	-5.0917e+00
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	4.2752e+00	1.3781e+01	-1.7201e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	1.6313e+01	2.5458e+00	-9.0816e-01
	879	0.0000e+00	0.0000e+00	0.0000e+00	1.9719e+01	-2.7732e-01	-2.6225e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	2.4979e+00	-8.0959e+00	-3.4345e+00
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	4.3449e+00	1.0885e+01	6.0323e-02
	875	0.0000e+00	0.0000e+00	0.0000e+00	1.6823e+01	5.2287e+00	4.1251e-01
	877	0.0000e+00	0.0000e+00	0.0000e+00	1.8176e+01	4.0326e+00	-1.3450e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	3.6984e+00	1.8787e+00	-1.6972e+00
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	3.6530e+00	5.1606e+00	1.8197e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	1.7574e+01	5.0277e+00	1.8605e+00

	875	0.0000e+00	0.0000e+00	0.0000e+00	1.7125e+01	5.5270e+00	1.1596e-01
	876	0.0000e+00	0.0000e+00	0.0000e+00	4.1834e+00	8.8711e+00	7.5179e-02
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	2.2146e+00	-3.5483e+00	3.5159e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	1.8779e+01	1.9816e+00	3.1251e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	1.6305e+01	4.1423e+00	1.4374e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	3.9041e+00	1.3036e+01	1.8282e+00
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	6.3911e-01	-1.5345e+01	5.1384e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	2.1714e+01	-3.6284e+00	3.5627e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	1.6175e+01	-3.6811e-01	2.0916e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	3.0168e+00	1.4281e+01	3.6673e+00
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	6.3013e+00	-2.9311e+01	6.2106e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	2.7291e+01	-9.0566e+00	2.7552e-01
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.9014e+01	-7.9830e+00	7.8678e-01
	870	0.0000e+00	0.0000e+00	0.0000e+00	2.6678e+00	1.1252e+01	6.7219e+00
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	-4.5827e+01	-3.9285e+01	1.5482e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	-8.9864e+01	-2.6678e+00	1.8817e+01
	17	0.0000e+00	0.0000e+00	0.0000e+00	-1.1524e+02	-1.2208e+02	9.4804e+00
	861	0.0000e+00	0.0000e+00	0.0000e+00	-1.3760e+01	-6.6858e+01	6.1452e+00
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	-4.2738e+01	1.5136e+01	1.6624e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	-5.6654e+01	1.9623e+01	5.3975e+00
	868	0.0000e+00	0.0000e+00	0.0000e+00	-7.5272e+01	-7.4638e+00	1.3146e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	-4.6650e+01	-1.8420e+01	2.4372e+01
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	-3.3508e+01	3.1611e+01	8.4506e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	-4.0853e+01	3.5292e+01	1.8265e+00
	867	0.0000e+00	0.0000e+00	0.0000e+00	-5.0043e+01	2.4280e+01	7.3278e+00
	859	0.0000e+00	0.0000e+00	0.0000e+00	-3.7613e+01	1.6995e+01	1.3952e+01
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	-2.9936e+01	3.5624e+01	8.5662e-01
	865	0.0000e+00	0.0000e+00	0.0000e+00	-3.5797e+01	3.9525e+01	-9.1435e-01
	866	0.0000e+00	0.0000e+00	0.0000e+00	-3.8203e+01	3.6900e+01	3.4560e+00
	858	0.0000e+00	0.0000e+00	0.0000e+00	-3.1084e+01	3.2090e+01	5.2269e+00
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	-3.2453e+01	2.9845e+01	-6.8259e+00
	864	0.0000e+00	0.0000e+00	0.0000e+00	-3.9986e+01	3.4910e+01	-3.8338e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	-3.6146e+01	3.9328e+01	6.3115e-01
	857	0.0000e+00	0.0000e+00	0.0000e+00	-3.0288e+01	3.5494e+01	-2.3609e+00
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	-4.0756e+01	1.1561e+01	-1.5950e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-5.4314e+01	1.9416e+01	-7.9654e+00
	864	0.0000e+00	0.0000e+00	0.0000e+00	-4.3410e+01	3.2825e+01	-2.1419e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	-3.5636e+01	2.9074e+01	-1.0127e+01
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	-5.1473e+01	-2.9239e+01	-2.7062e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-8.2951e+01	-1.7283e+01	-1.4266e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-6.1973e+01	1.3967e+01	-5.9067e+00
	855	0.0000e+00	0.0000e+00	0.0000e+00	-4.6772e+01	9.2611e+00	-1.8702e+01
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	-1.4179e+01	-8.5111e+01	-6.5944e+00
	16	0.0000e+00	0.0000e+00	0.0000e+00	-1.2895e+02	-1.4647e+02	-1.0129e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-9.9396e+01	-1.2004e+01	-2.0438e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	-5.0824e+01	-5.2819e+01	-1.6903e+01
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	3.7777e+00	-2.5679e+01	1.5273e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	-2.9815e+01	-3.3838e+01	2.1022e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	-2.0840e+01	-5.2677e+01	8.0849e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	6.3390e+00	-3.5051e+01	2.3364e+00
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	-7.1948e+00	3.3751e+00	1.5958e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	-2.9725e+01	7.9339e+00	2.0841e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	-2.3359e+01	-1.1595e+01	2.4445e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	-3.7606e+00	-1.4219e+01	1.9562e+01
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	-1.1428e+01	2.0677e+01	9.0778e+00
	858	0.0000e+00	0.0000e+00	0.0000e+00	-2.5606e+01	2.7560e+01	9.5055e+00
	859	0.0000e+00	0.0000e+00	0.0000e+00	-2.7110e+01	1.8152e+01	1.7448e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	-9.0661e+00	9.2051e+00	1.7020e+01
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	-1.1964e+01	2.5814e+01	-3.1020e-01
	857	0.0000e+00	0.0000e+00	0.0000e+00	-2.3888e+01	3.3420e+01	-3.2294e-01
	858	0.0000e+00	0.0000e+00	0.0000e+00	-2.4495e+01	3.1125e+01	7.6953e+00
	850	0.0000e+00	0.0000e+00	0.0000e+00	-1.1382e+01	2.2749e+01	7.7080e+00
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	-1.1815e+01	2.0356e+01	-1.0452e+01



	856	0.0000e+00	0.0000e+00	0.0000e+00	-2.5598e+01	2.9082e+01	-9.8858e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	-2.4116e+01	3.3060e+01	-1.7595e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	-1.2160e+01	2.5589e+01	-2.3262e+00
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	-9.7723e+00	3.6328e+00	-1.9897e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-2.9360e+01	1.3070e+01	-2.0012e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	-2.7175e+01	2.4629e+01	-1.1810e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	-1.2189e+01	1.7718e+01	-1.1695e+01
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	-4.0727e+00	-2.3847e+01	-2.1848e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	-2.5551e+01	-2.1417e+01	-2.7202e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-3.2486e+01	1.2833e+00	-2.3751e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	-7.8825e+00	-3.1648e+00	-1.8397e+01
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	7.4437e+00	-4.8200e+01	-1.3743e+00
	431	0.0000e+00	0.0000e+00	0.0000e+00	-2.2326e+01	-6.8950e+01	-8.1576e+00
	854	0.0000e+00	0.0000e+00	0.0000e+00	-3.2896e+01	-4.6765e+01	-2.3436e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	4.4002e+00	-3.7062e+01	-1.6653e+01
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	2.2640e+01	-1.4212e+01	8.7834e+00
	852	0.0000e+00	0.0000e+00	0.0000e+00	5.4815e+00	-1.9480e+01	1.2243e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	1.0688e+01	-2.8135e+01	4.6029e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	2.4377e+01	-1.8174e+01	1.1428e+00
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	1.5404e+01	-1.6528e-01	1.0885e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	-1.0109e+00	2.9757e+00	1.6714e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	7.0927e+00	-1.1718e+01	1.6685e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	1.8999e+01	-8.5194e+00	1.0856e+01
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	9.7518e+00	1.1719e+01	6.5424e+00
	850	0.0000e+00	0.0000e+00	0.0000e+00	-4.0124e+00	1.8125e+01	9.9332e+00
	851	0.0000e+00	0.0000e+00	0.0000e+00	-1.0260e-01	9.2575e+00	1.5304e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	1.2647e+01	4.9582e+00	1.1913e+01
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	7.6545e+00	1.6045e+01	-1.0566e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	-4.7010e+00	2.3514e+01	-6.9840e-02
	850	0.0000e+00	0.0000e+00	0.0000e+00	-3.6638e+00	2.1258e+01	7.2460e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	8.5975e+00	1.4145e+01	6.2592e+00
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	8.8120e+00	1.1902e+01	-9.1024e+00
	848	0.0000e+00	0.0000e+00	0.0000e+00	-3.8540e+00	1.9094e+01	-1.0176e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	-4.8161e+00	2.3083e+01	-2.8763e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	7.6202e+00	1.5726e+01	-1.8030e+00
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	1.3244e+01	-2.7308e-02	-1.4374e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	-2.3589e-01	4.0156e+00	-1.8094e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	-4.4375e+00	1.5002e+01	-1.2926e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	9.9788e+00	8.7440e+00	-9.2053e+00
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	2.0277e+01	-1.6293e+01	-1.2034e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	7.6965e+00	-2.0765e+01	-1.8573e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	-1.3950e+00	-3.4263e+00	-1.9472e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	1.6245e+01	-6.1054e+00	-1.2933e+01
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	2.6277e+01	-2.7840e+01	2.3772e-01
	420	0.0000e+00	0.0000e+00	0.0000e+00	1.1928e+01	-4.0165e+01	-3.7698e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	5.7987e+00	-2.9787e+01	-1.3376e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	2.4363e+01	-2.2967e+01	-9.3680e+00
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	3.3595e+01	-7.4998e+00	4.7061e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	2.4114e+01	-1.0568e+01	6.6532e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	2.6961e+01	-1.4534e+01	2.5102e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	3.4655e+01	-9.3444e+00	5.6309e-01
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	2.9291e+01	-4.9266e-01	6.2416e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	1.8867e+01	9.1375e-01	1.0231e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	2.4476e+01	-7.0443e+00	9.7176e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	3.1688e+01	-4.6152e+00	5.7285e+00
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	2.5092e+01	6.3550e+00	3.7024e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	1.4900e+01	1.0747e+01	6.8511e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	1.9067e+01	4.6933e+00	1.0019e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	2.7244e+01	2.7721e+00	6.8700e+00
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	2.3252e+01	9.0686e+00	-1.2313e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	1.3615e+01	1.4475e+01	-2.2199e-01
	842	0.0000e+00	0.0000e+00	0.0000e+00	1.4930e+01	1.2822e+01	4.8306e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	2.3963e+01	8.1571e+00	3.8213e+00

1770	832	0.0000e+00	0.0000e+00	0.0000e+00	2.4434e+01	6.2453e+00	-6.2396e+00
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.5293e+01	1.0757e+01	-7.6609e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	1.3568e+01	1.4064e+01	-2.7185e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	2.3306e+01	8.7249e+00	-1.2972e+00
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	2.8258e+01	-1.3494e+00	-8.7156e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	1.9915e+01	-1.4868e-03	-1.2355e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.5160e+01	7.8376e+00	-9.6165e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	2.5710e+01	3.7265e+00	-5.9767e+00
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	3.3192e+01	-1.0665e+01	-6.3251e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	2.5921e+01	-1.4336e+01	-1.0809e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	1.9587e+01	-4.6275e+00	-1.2287e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	3.0526e+01	-5.3531e+00	-7.8029e+00
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	3.6286e+01	-1.6462e+01	7.8743e-01
	409	0.0000e+00	0.0000e+00	0.0000e+00	2.8662e+01	-2.3446e+01	-1.3256e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	2.5407e+01	-1.8502e+01	-7.0314e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	3.5300e+01	-1.4113e+01	-4.9183e+00
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	3.9927e+01	-3.9827e+00	2.2492e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	3.4740e+01	-5.5007e+00	3.3644e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	3.6302e+01	-7.4518e+00	1.3361e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	4.0603e+01	-4.9270e+00	2.2088e-01
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	3.7352e+01	-2.9284e-01	2.9851e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	3.1317e+01	4.4867e-01	5.4683e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	3.4731e+01	-3.8054e+00	5.1605e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	3.8922e+01	-2.4504e+00	2.6773e+00
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	3.4658e+01	3.5206e+00	1.5975e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	2.8300e+01	6.0990e+00	3.7828e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	3.1235e+01	2.5105e+00	5.5220e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	3.6109e+01	1.6223e+00	3.3367e+00
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	3.3452e+01	4.9996e+00	-1.1042e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	2.7265e+01	8.2061e+00	-4.0891e-01
	834	0.0000e+00	0.0000e+00	0.0000e+00	2.8212e+01	7.2812e+00	2.5280e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	3.3900e+01	4.6340e+00	1.8327e+00
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	3.4393e+01	3.0664e+00	-3.7065e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	2.8753e+01	5.4866e+00	-4.8854e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	2.7252e+01	7.8571e+00	-2.0792e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	3.3528e+01	4.6842e+00	-9.0030e-01
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	3.7089e+01	-1.6949e+00	-4.6903e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	3.2294e+01	-1.3805e+00	-7.3186e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	2.8800e+01	3.6245e+00	-6.0121e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	3.5309e+01	1.3348e+00	-3.3837e+00
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	4.0171e+01	-7.1400e+00	-3.0620e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	3.6148e+01	-9.4798e+00	-5.8241e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	3.2298e+01	-4.0317e+00	-6.9365e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	3.8478e+01	-4.1543e+00	-4.1744e+00
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	4.1669e+01	-1.0233e+01	7.5948e-01
	398	0.0000e+00	0.0000e+00	0.0000e+00	3.7641e+01	-1.4044e+01	-2.6078e-01
	830	0.0000e+00	0.0000e+00	0.0000e+00	3.6029e+01	-1.1519e+01	-3.4383e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	4.1234e+01	-8.9970e+00	-2.4180e+00
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	4.2838e+01	-2.4542e+00	7.3577e-01
	828	0.0000e+00	0.0000e+00	0.0000e+00	4.0634e+01	-3.0214e+00	1.4330e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	4.1519e+01	-4.0494e+00	6.5974e-01
	821	0.0000e+00	0.0000e+00	0.0000e+00	4.3351e+01	-3.0754e+00	-3.7522e-02
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	4.1129e+01	-1.2641e-01	8.2591e-01
	827	0.0000e+00	0.0000e+00	0.0000e+00	3.8455e+01	2.4665e-01	2.4264e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	4.0481e+01	-2.0807e+00	2.3406e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	4.2314e+01	-1.5366e+00	7.4012e-01
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	3.9354e+01	2.2676e+00	1.7960e-01
	826	0.0000e+00	0.0000e+00	0.0000e+00	3.6399e+01	3.4800e+00	1.6358e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	3.8238e+01	1.4473e+00	2.4404e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	4.0437e+01	1.0561e+00	9.8418e-01
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	3.8604e+01	3.1074e+00	-9.0171e-01
	825	0.0000e+00	0.0000e+00	0.0000e+00	3.5683e+01	4.5900e+00	-4.6433e-01
	826	0.0000e+00	0.0000e+00	0.0000e+00	3.6248e+01	4.1642e+00	8.8844e-01

	818	0.0000e+00	0.0000e+00	0.0000e+00	3.8917e+01	2.9505e+00	4.5106e-01
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	3.9353e+01	1.6449e+00	-1.8300e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	3.6768e+01	2.6659e+00	-2.7099e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	3.5685e+01	4.3033e+00	-1.4615e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	3.8670e+01	2.8361e+00	-5.8166e-01
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	4.1260e+01	-1.6735e+00	-2.0032e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	3.9186e+01	-1.7056e+00	-3.8095e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	3.6909e+01	1.4406e+00	-3.3283e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	3.9912e+01	4.4949e-01	-1.5221e+00
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	4.3252e+01	-5.3058e+00	-1.1447e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	4.1593e+01	-6.5039e+00	-2.8743e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	3.9346e+01	-3.3327e+00	-3.5116e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	4.2028e+01	-3.2608e+00	-1.7820e+00
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	4.3952e+01	-7.2138e+00	4.4972e-01
	387	0.0000e+00	0.0000e+00	0.0000e+00	4.2335e+01	-8.9996e+00	-5.2768e-03
	822	0.0000e+00	0.0000e+00	0.0000e+00	4.1620e+01	-7.6412e+00	-1.5195e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	4.3754e+01	-6.4087e+00	-1.0645e+00
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	4.2323e+01	-2.2595e+00	-3.6409e-01
	820	0.0000e+00	0.0000e+00	0.0000e+00	4.2967e+01	-2.2137e+00	1.9199e-01
	821	0.0000e+00	0.0000e+00	0.0000e+00	4.3529e+01	-2.8770e+00	2.3660e-01
	813	0.0000e+00	0.0000e+00	0.0000e+00	4.2877e+01	-2.9201e+00	-3.1948e-01
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	4.0866e+01	-4.4206e-02	-8.0370e-01
	819	0.0000e+00	0.0000e+00	0.0000e+00	4.1375e+01	2.4158e-02	4.5046e-01
	820	0.0000e+00	0.0000e+00	0.0000e+00	4.2679e+01	-1.4900e+00	4.7574e-01
	812	0.0000e+00	0.0000e+00	0.0000e+00	4.2079e+01	-1.4720e+00	-7.7842e-01
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	3.9479e+01	2.0881e+00	-8.7733e-01
	818	0.0000e+00	0.0000e+00	0.0000e+00	3.9825e+01	2.2475e+00	2.3603e-01
	819	0.0000e+00	0.0000e+00	0.0000e+00	4.1021e+01	9.3012e-01	3.1693e-01
	811	0.0000e+00	0.0000e+00	0.0000e+00	4.0517e+01	9.2829e-01	-7.9644e-01
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	3.8965e+01	2.7898e+00	-7.1146e-01
	817	0.0000e+00	0.0000e+00	0.0000e+00	3.9264e+01	2.9494e+00	-3.9802e-01
	818	0.0000e+00	0.0000e+00	0.0000e+00	3.9604e+01	2.7460e+00	-2.6079e-01
	810	0.0000e+00	0.0000e+00	0.0000e+00	3.9254e+01	2.6321e+00	-5.7423e-01
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	3.9639e+01	1.4816e+00	-3.8532e-01
	816	0.0000e+00	0.0000e+00	0.0000e+00	4.0050e+01	1.4774e+00	-1.0826e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	3.9277e+01	2.7068e+00	-1.0064e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	3.9013e+01	2.5507e+00	-3.0908e-01
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	4.1227e+01	-1.4711e+00	1.3957e-02
	815	0.0000e+00	0.0000e+00	0.0000e+00	4.1805e+01	-1.6975e+00	-1.3843e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	4.0282e+01	5.2654e-01	-1.4814e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	3.9944e+01	4.9349e-01	-8.3053e-02
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	4.2857e+01	-4.7605e+00	2.5894e-01
	814	0.0000e+00	0.0000e+00	0.0000e+00	4.3524e+01	-5.0940e+00	-1.0603e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	4.2127e+01	-2.9461e+00	-1.3140e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	4.1606e+01	-2.7740e+00	5.2921e-03
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	4.3301e+01	-6.4718e+00	1.0995e-01
	376	0.0000e+00	0.0000e+00	0.0000e+00	4.3991e+01	-6.7979e+00	-1.6269e-01
	814	0.0000e+00	0.0000e+00	0.0000e+00	4.3702e+01	-5.9531e+00	-4.7072e-01
	806	0.0000e+00	0.0000e+00	0.0000e+00	4.3042e+01	-5.6652e+00	-1.9808e-01
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	3.7293e+01	-3.0943e+00	-1.4711e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	4.1627e+01	-2.6560e+00	-8.1429e-01
	813	0.0000e+00	0.0000e+00	0.0000e+00	4.2115e+01	-3.3282e+00	-8.9874e-02
	805	0.0000e+00	0.0000e+00	0.0000e+00	3.8123e+01	-4.3337e+00	-7.4667e-01
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	3.5688e+01	2.3243e-01	-2.3722e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	4.0029e+01	-2.4434e-01	-1.0390e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	4.1128e+01	-1.7424e+00	-1.0691e+00
	804	0.0000e+00	0.0000e+00	0.0000e+00	3.7264e+01	-2.1593e+00	-2.4022e+00
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	3.4440e+01	2.9188e+00	-1.7996e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	3.8553e+01	2.0336e+00	-7.5722e-01
	811	0.0000e+00	0.0000e+00	0.0000e+00	3.9525e+01	7.6554e-01	-1.4104e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	3.5560e+01	1.1823e+00	-2.4528e+00
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	3.4068e+01	3.7494e+00	-5.2813e-01
	809	0.0000e+00	0.0000e+00	0.0000e+00	3.8021e+01	2.7620e+00	-2.5859e-01

	810	0.0000e+00	0.0000e+00	0.0000e+00	3.8278e+01	2.5550e+00	-1.1924e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	3.4352e+01	3.4289e+00	-1.4619e+00
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	3.4706e+01	2.3104e+00	8.7422e-01
	808	0.0000e+00	0.0000e+00	0.0000e+00	3.8669e+01	1.4178e+00	2.5821e-01
	809	0.0000e+00	0.0000e+00	0.0000e+00	3.8038e+01	2.5416e+00	-6.9793e-01
	801	0.0000e+00	0.0000e+00	0.0000e+00	3.4101e+01	3.5548e+00	-8.1915e-02
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	3.6242e+01	-1.1490e+00	1.8970e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	4.0222e+01	-1.5860e+00	5.7880e-01
	808	0.0000e+00	0.0000e+00	0.0000e+00	3.8971e+01	4.7935e-01	-1.2221e-01
	800	0.0000e+00	0.0000e+00	0.0000e+00	3.4848e+01	1.4395e+00	1.1960e+00
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	3.8094e+01	-5.3920e+00	1.8146e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	4.1891e+01	-4.9528e+00	3.8108e-01
	807	0.0000e+00	0.0000e+00	0.0000e+00	4.0726e+01	-2.9255e+00	3.2016e-01
	799	0.0000e+00	0.0000e+00	0.0000e+00	3.6382e+01	-2.3648e+00	1.7537e+00
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	3.8727e+01	-7.8282e+00	5.8255e-03
	365	0.0000e+00	0.0000e+00	0.0000e+00	4.2544e+01	-6.7790e+00	-4.3219e-01
	806	0.0000e+00	0.0000e+00	0.0000e+00	4.2326e+01	-6.0102e+00	2.9888e-01
	798	0.0000e+00	0.0000e+00	0.0000e+00	3.8065e+01	-6.4181e+00	7.3689e-01
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	2.5166e+01	-5.9161e+00	-3.1670e+00
	804	0.0000e+00	0.0000e+00	0.0000e+00	3.5421e+01	-4.3156e+00	-2.1558e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	3.5757e+01	-5.5121e+00	-4.3571e-01
	797	0.0000e+00	0.0000e+00	0.0000e+00	2.6859e+01	-7.3400e+00	-1.4469e+00
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	2.3512e+01	-5.3668e-01	-4.0375e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	3.3503e+01	-2.8523e-01	-2.6042e+00
	804	0.0000e+00	0.0000e+00	0.0000e+00	3.4090e+01	-2.7798e+00	-3.0728e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	2.5800e+01	-1.5945e+00	-4.5061e+00
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	2.2874e+01	3.8436e+00	-2.4377e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	3.1897e+01	2.8375e+00	-1.6287e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	3.2538e+01	9.1649e-01	-3.3098e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	2.3857e+01	3.2611e+00	-4.1188e+00
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	2.2855e+01	5.6420e+00	-2.2128e-01
	801	0.0000e+00	0.0000e+00	0.0000e+00	3.1354e+01	3.7757e+00	-6.4682e-02
	802	0.0000e+00	0.0000e+00	0.0000e+00	3.1507e+01	3.3671e+00	-2.1099e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	2.3017e+01	5.5773e+00	-2.2665e+00
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	2.3346e+01	4.7291e+00	2.0432e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	3.1825e+01	2.2581e+00	1.5914e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	3.1407e+01	3.5800e+00	-4.5917e-01
	789	0.0000e+00	0.0000e+00	0.0000e+00	2.2857e+01	5.1959e+00	-7.3749e-03
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	2.4540e+01	1.1480e+00	3.8744e+00
	799	0.0000e+00	0.0000e+00	0.0000e+00	3.3177e+01	-1.3939e+00	2.7843e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	3.2329e+01	1.3448e+00	1.1221e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	2.3201e+01	2.1160e+00	2.2122e+00
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	2.6855e+01	-4.8700e+00	4.0594e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	3.4906e+01	-5.9947e+00	2.4037e+00
	799	0.0000e+00	0.0000e+00	0.0000e+00	3.4274e+01	-2.9457e+00	2.0990e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	2.4164e+01	-3.4632e+00	3.7547e+00
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	2.7988e+01	-1.1351e+01	3.9859e-01
	354	0.0000e+00	0.0000e+00	0.0000e+00	3.6473e+01	-9.0182e+00	-5.9000e-01
	798	0.0000e+00	0.0000e+00	0.0000e+00	3.6323e+01	-7.7581e+00	1.5321e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	2.6154e+01	-9.6552e+00	2.5206e+00
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	2.6678e+00	1.1252e+01	-6.7218e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	1.9014e+01	-7.9830e+00	-7.8666e-01
	797	0.0000e+00	0.0000e+00	0.0000e+00	2.7291e+01	-9.0566e+00	-2.7538e-01
	6	0.0000e+00	0.0000e+00	0.0000e+00	6.3012e+00	-2.9311e+01	-6.2105e+00
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	3.0168e+00	1.4281e+01	-3.6672e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	1.6175e+01	-3.6814e-01	-2.0915e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	2.1714e+01	-3.6284e+00	-3.5626e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	6.3907e-01	-1.5345e+01	-5.1383e+00
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	3.9040e+00	1.3036e+01	-1.8281e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	1.6305e+01	4.1423e+00	-1.4374e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	1.8779e+01	1.9816e+00	-3.1250e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	2.2146e+00	-3.5483e+00	-3.5158e+00
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	4.1833e+00	8.8710e+00	-7.5099e-02

	789	0.0000e+00	0.0000e+00	0.0000e+00	1.7125e+01	5.5269e+00	-1.1588e-01
	791	0.0000e+00	0.0000e+00	0.0000e+00	1.7574e+01	5.0276e+00	-1.8604e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	3.6530e+00	5.1606e+00	-1.8196e+00
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	3.6983e+00	1.8786e+00	1.6972e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	1.8176e+01	4.0325e+00	1.3451e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	1.6822e+01	5.2286e+00	-4.1243e-01
	790	0.0000e+00	0.0000e+00	0.0000e+00	4.3449e+00	1.0885e+01	-6.0248e-02
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	2.4978e+00	-8.0962e+00	3.4345e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	1.9719e+01	-2.7744e-01	2.6226e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	1.6313e+01	2.5457e+00	9.0822e-01
	788	0.0000e+00	0.0000e+00	0.0000e+00	4.2751e+00	1.3781e+01	1.7201e+00
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	1.3009e+00	-2.1104e+01	5.0917e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	2.3197e+01	-7.0267e+00	2.9640e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	1.6584e+01	-3.2694e+00	1.5064e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	3.6441e+00	1.3713e+01	3.6341e+00
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	8.7545e+00	-3.5871e+01	6.0486e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	2.9261e+01	-1.3014e+01	-9.4215e-01
	783	0.0000e+00	0.0000e+00	0.0000e+00	2.0208e+01	-1.2047e+01	-6.1779e-02
	784	0.0000e+00	0.0000e+00	0.0000e+00	3.7785e+00	9.0556e+00	6.9290e+00
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	-1.3469e+01	-2.7279e+00	2.8430e-01
	782	0.0000e+00	0.0000e+00	0.0000e+00	-2.5454e+01	1.5406e+01	3.7793e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	-4.7561e+01	-3.1292e+01	2.4743e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	1.5051e+01	-1.0313e+01	-1.0206e+00
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	-1.2927e+01	2.2768e+01	3.9371e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	-1.7058e+01	2.3886e+01	1.1294e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	-2.0635e+01	1.1907e+01	3.2458e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	-1.4502e+01	8.4102e+00	6.0535e+00
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	-1.0954e+01	3.2179e+01	1.0884e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.3488e+01	3.3649e+01	6.0102e-03
	781	0.0000e+00	0.0000e+00	0.0000e+00	-1.5089e+01	2.7262e+01	1.7310e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-1.1339e+01	2.4971e+01	2.8134e+00
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.1114e+01	3.6267e+01	-1.7284e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.3309e+01	3.8014e+01	-1.1134e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.2816e+01	3.5302e+01	5.3402e-01
	770	0.0000e+00	0.0000e+00	0.0000e+00	-1.0478e+01	3.3457e+01	-8.1008e-02
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.3803e+01	3.6198e+01	-4.9702e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.6453e+01	3.8521e+01	-2.3632e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.3796e+01	3.8667e+01	-5.2126e-01
	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.1676e+01	3.6975e+01	-3.1283e+00
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	-1.9424e+01	3.1680e+01	-9.0148e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	-2.3519e+01	3.5061e+01	-3.9970e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.8191e+01	3.8260e+01	-1.6270e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.5544e+01	3.6473e+01	-6.6449e+00
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	-2.8447e+01	2.0801e+01	-1.4484e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-3.5830e+01	2.6143e+01	-6.4138e+00
	777	0.0000e+00	0.0000e+00	0.0000e+00	-2.6850e+01	3.3652e+01	-3.0083e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-2.2619e+01	3.1569e+01	-1.1079e+01
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	-4.1070e+01	-1.1249e+00	-2.2156e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-5.5490e+01	7.8579e+00	-1.0365e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-4.1427e+01	2.2775e+01	-5.1195e+00
	766	0.0000e+00	0.0000e+00	0.0000e+00	-3.3496e+01	2.0323e+01	-1.6911e+01
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	-5.0648e+01	-4.4849e+01	-3.2285e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-9.0158e+01	-3.0653e+01	-1.7036e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-6.4748e+01	1.1749e+00	-8.3998e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	-4.8079e+01	-3.4556e+00	-2.3649e+01
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.3642e+01	-9.7998e+01	-6.6852e+00
	21	0.0000e+00	0.0000e+00	0.0000e+00	-1.3604e+02	-1.6658e+02	-1.0815e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-1.0881e+02	-3.0110e+01	-2.4543e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-4.8447e+01	-6.8766e+01	-2.0413e+01
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	-1.7145e+00	8.9332e-01	1.9739e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	-8.0371e+00	6.1260e+00	2.2241e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	-2.8333e+01	-1.2238e+01	1.5785e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	1.9041e+01	-5.5980e+00	1.3283e+00

1833	761	0.0000e+00	0.0000e+00	0.0000e+00	-1.7720e+00	1.9125e+01	3.9555e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-8.9439e+00	2.0120e+01	5.3488e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	-4.7953e+00	1.0528e+01	6.5207e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	-3.3642e+00	8.9684e+00	5.1274e+00
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	-3.0840e+00	2.7748e+01	6.0697e-01
	770	0.0000e+00	0.0000e+00	0.0000e+00	-8.0206e+00	3.0882e+01	1.2413e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-8.0156e+00	2.5083e+01	4.1450e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	-1.9251e+00	2.1887e+01	3.5107e+00
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	-3.8886e+00	3.1592e+01	-3.4926e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-8.5401e+00	3.5371e+01	-2.6437e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-7.6716e+00	3.2852e+01	6.6565e-01
	760	0.0000e+00	0.0000e+00	0.0000e+00	-3.1993e+00	2.9417e+01	-1.8332e-01
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	-5.2084e+00	3.0825e+01	-8.5444e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.0829e+01	3.5662e+01	-7.0076e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-8.8655e+00	3.5760e+01	-3.1801e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	-4.3523e+00	3.2254e+01	-4.7169e+00
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	-7.0491e+00	2.5256e+01	-1.4556e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	-1.5141e+01	3.1606e+01	-1.2296e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.1881e+01	3.4482e+01	-7.6519e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	-6.1626e+00	3.0708e+01	-9.9119e+00
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	-8.5278e+00	1.3459e+01	-2.1422e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-2.1279e+01	2.1688e+01	-1.8990e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	-1.6991e+01	2.8303e+01	-1.3297e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	-8.3537e+00	2.4121e+01	-1.5729e+01
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	-7.0045e+00	-6.8001e+00	-2.7665e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-2.7640e+01	2.1952e+00	-2.6991e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-2.3958e+01	1.4785e+01	-2.0830e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	-9.4506e+00	1.0348e+01	-2.1504e+01
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	-1.0893e+00	-3.4947e+01	-2.5658e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-2.5044e+01	-3.4995e+01	-3.1249e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-3.1411e+01	-1.2296e+01	-3.0563e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	-4.9817e+00	-1.3839e+01	-2.4972e+01
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	8.5613e+00	-5.7188e+01	-3.0149e+00
	665	0.0000e+00	0.0000e+00	0.0000e+00	-2.2876e+01	-8.1058e+01	-9.0117e+00
	764	0.0000e+00	0.0000e+00	0.0000e+00	-3.1703e+01	-6.0295e+01	-2.6309e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	6.3854e+00	-4.6457e+01	-2.0312e+01
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	6.2315e+00	2.5831e+00	1.8751e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	1.9879e+00	7.2257e+00	2.1368e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	-1.3183e+01	-7.3534e+00	2.3976e+00
	753	0.0000e+00	0.0000e+00	0.0000e+00	2.1883e+01	-3.2792e+00	2.1359e+00
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	6.2050e+00	1.6647e+01	2.8830e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	4.2847e-01	1.8179e+01	4.3747e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	4.0798e+00	9.6809e+00	5.4465e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	5.2907e+00	8.8762e+00	3.9549e+00
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	5.1594e+00	2.3384e+01	-1.7342e-01
	760	0.0000e+00	0.0000e+00	0.0000e+00	-7.6018e-03	2.6866e+01	8.1333e-01
	761	0.0000e+00	0.0000e+00	0.0000e+00	9.3253e-01	2.1366e+01	3.4741e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	6.0298e+00	1.9048e+01	2.4873e+00
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	4.7908e+00	2.6255e+01	-4.2777e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	-5.2207e-01	3.0591e+01	-3.7550e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	2.9006e-01	2.8343e+01	-1.9093e-01
	750	0.0000e+00	0.0000e+00	0.0000e+00	4.9378e+00	2.4910e+01	-7.1366e-01
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	5.0656e+00	2.4849e+01	-9.2951e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	-1.1886e+00	3.0050e+01	-9.1837e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	-5.4920e-01	3.0573e+01	-4.9896e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	4.6306e+00	2.6632e+01	-5.1010e+00
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	6.3016e+00	1.9064e+01	-1.4725e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	-1.7949e+00	2.4895e+01	-1.5272e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	-1.4948e+00	2.8398e+01	-1.0646e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	4.9970e+00	2.4145e+01	-1.0099e+01
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	9.2283e+00	8.4567e+00	-1.9544e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	-1.4176e+00	1.3862e+01	-2.1480e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	-2.3545e+00	2.1272e+01	-1.7044e+01

	747	0.0000e+00	0.0000e+00	0.0000e+00	6.6129e+00	1.7007e+01	-1.5108e+01
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	1.4691e+01	-6.7729e+00	-2.1231e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.7305e+00	-5.0700e+00	-2.5648e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	-2.2299e+00	7.8319e+00	-2.3337e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	1.0546e+01	4.4959e+00	-1.8919e+01
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	2.2056e+01	-2.3504e+01	-1.5708e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	8.6479e+00	-3.0790e+01	-2.2509e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	6.5509e-01	-1.2970e+01	-2.5957e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	1.7571e+01	-1.2740e+01	-1.9156e+01
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	2.6864e+01	-3.3896e+01	-2.0400e+00
	654	0.0000e+00	0.0000e+00	0.0000e+00	1.2869e+01	-4.8149e+01	-5.8462e+00
	754	0.0000e+00	0.0000e+00	0.0000e+00	7.3618e+00	-3.8472e+01	-1.6715e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	2.5387e+01	-2.9030e+01	-1.2909e+01
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	1.2249e+01	3.2122e+00	1.9105e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	9.2502e+00	6.9529e+00	2.1382e+00
	753	0.0000e+00	0.0000e+00	0.0000e+00	-1.3068e+00	-4.8729e+00	2.7846e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	2.3224e+01	-2.5412e+00	2.5568e+00
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	1.2448e+01	1.4533e+01	2.1325e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	8.1002e+00	1.6025e+01	3.2116e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	1.0760e+01	9.1423e+00	4.3117e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	1.1769e+01	8.2361e+00	3.2326e+00
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	1.2113e+01	1.9754e+01	-4.1178e-01
	750	0.0000e+00	0.0000e+00	0.0000e+00	7.8036e+00	2.2808e+01	1.4989e-01
	751	0.0000e+00	0.0000e+00	0.0000e+00	8.5080e+00	1.8368e+01	2.4122e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	1.2440e+01	1.6490e+01	1.8506e+00
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	1.2586e+01	2.1610e+01	-3.8033e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	7.9392e+00	2.5407e+01	-3.9487e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	8.1619e+00	2.3766e+01	-8.8799e-01
	740	0.0000e+00	0.0000e+00	0.0000e+00	1.2096e+01	2.0890e+01	-7.4263e-01
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	1.4096e+01	1.9830e+01	-7.7859e+00
	748	0.0000e+00	0.0000e+00	0.0000e+00	8.8203e+00	2.4059e+01	-8.8419e+00
	749	0.0000e+00	0.0000e+00	0.0000e+00	8.1996e+00	2.5087e+01	-5.3208e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	1.2779e+01	2.1640e+01	-4.2647e+00
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	1.6954e+01	1.4537e+01	-1.1664e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	1.0787e+01	1.8551e+01	-1.3883e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	9.0468e+00	2.2383e+01	-1.0380e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	1.4623e+01	1.8760e+01	-8.1610e+00
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	2.1384e+01	6.0031e+00	-1.4321e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	1.4386e+01	8.5224e+00	-1.8003e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	1.1002e+01	1.5475e+01	-1.5376e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	1.8014e+01	1.2269e+01	-1.1695e+01
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	2.7147e+01	-4.6942e+00	-1.4086e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	1.9873e+01	-5.6528e+00	-1.9154e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	1.4563e+01	4.2071e+00	-1.8832e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	2.3159e+01	2.5466e+00	-1.3764e+01
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	3.2997e+01	-1.4887e+01	-9.4974e+00
	744	0.0000e+00	0.0000e+00	0.0000e+00	2.5807e+01	-2.0679e+01	-1.4630e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	1.9937e+01	-1.0368e+01	-1.8025e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	2.9449e+01	-8.7596e+00	-1.2892e+01
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	3.5949e+01	-2.0502e+01	-1.2746e+00
	643	0.0000e+00	0.0000e+00	0.0000e+00	2.9021e+01	-2.8837e+01	-3.6584e+00
	744	0.0000e+00	0.0000e+00	0.0000e+00	2.5775e+01	-2.4183e+01	-1.0392e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	3.4822e+01	-1.7840e+01	-8.0076e+00
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	1.6346e+01	3.3699e+00	2.2288e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	1.4428e+01	6.0281e+00	2.3016e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	7.8714e+00	-3.8289e+00	3.0100e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	2.3036e+01	-2.7150e+00	2.9373e+00
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	1.6839e+01	1.2785e+01	1.9769e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	1.3909e+01	1.4078e+01	2.5884e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	1.5561e+01	8.2249e+00	3.5526e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	1.6309e+01	7.4153e+00	2.9410e+00
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	1.7212e+01	1.7001e+01	1.1584e-01
	740	0.0000e+00	0.0000e+00	0.0000e+00	1.4145e+01	1.9336e+01	1.2456e-01

	741	0.0000e+00	0.0000e+00	0.0000e+00	1.4341e+01	1.5840e+01	1.8567e+00
	731	0.0000e+00	0.0000e+00	0.0000e+00	1.7032e+01	1.4399e+01	1.8480e+00
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	1.8392e+01	1.8151e+01	-2.3166e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	1.5045e+01	2.0953e+01	-3.0808e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	1.4597e+01	1.9935e+01	-8.0478e-01
	730	0.0000e+00	0.0000e+00	0.0000e+00	1.7438e+01	1.7775e+01	-4.0488e-02
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	2.0607e+01	1.6267e+01	-5.0287e+00
	738	0.0000e+00	0.0000e+00	0.0000e+00	1.6959e+01	1.9157e+01	-6.7783e+00
	739	0.0000e+00	0.0000e+00	0.0000e+00	1.5509e+01	2.0498e+01	-4.2704e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	1.8846e+01	1.7921e+01	-2.5208e+00
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	2.4026e+01	1.1690e+01	-7.4243e+00
	737	0.0000e+00	0.0000e+00	0.0000e+00	2.0116e+01	1.4046e+01	-1.0285e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	1.7491e+01	1.7676e+01	-8.0145e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	2.1403e+01	1.5083e+01	-5.1543e+00
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	2.8559e+01	4.9981e+00	-8.7259e+00
	736	0.0000e+00	0.0000e+00	0.0000e+00	2.4577e+01	5.9481e+00	-1.2636e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	2.0717e+01	1.1659e+01	-1.1264e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	2.5243e+01	9.6177e+00	-7.3539e+00
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	3.3642e+01	-2.6474e+00	-8.1027e+00
	735	0.0000e+00	0.0000e+00	0.0000e+00	2.9871e+01	-3.9758e+00	-1.2556e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	2.5190e+01	2.9807e+00	-1.2846e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	3.0152e+01	2.2838e+00	-8.3923e+00
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	3.8150e+01	-9.3306e+00	-5.1487e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	3.4550e+01	-1.3077e+01	-8.9672e+00
	735	0.0000e+00	0.0000e+00	0.0000e+00	3.0383e+01	-6.8674e+00	-1.1355e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	3.5310e+01	-5.4079e+00	-7.5366e+00
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	4.0292e+01	-1.2832e+01	-5.4008e-01
	632	0.0000e+00	0.0000e+00	0.0000e+00	3.6975e+01	-1.7583e+01	-2.2314e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	3.4878e+01	-1.5001e+01	-6.1907e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	3.9285e+01	-1.1120e+01	-4.4994e+00
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	1.8540e+01	3.4797e+00	2.9249e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	1.7623e+01	4.8483e+00	2.7899e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	1.4775e+01	-3.5633e+00	3.2931e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	2.1141e+01	-3.2917e+00	3.4281e+00
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	1.9283e+01	1.1528e+01	2.4124e+00
	731	0.0000e+00	0.0000e+00	0.0000e+00	1.7779e+01	1.2490e+01	2.6025e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	1.8496e+01	7.2594e+00	3.2911e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	1.8915e+01	6.7203e+00	3.1010e+00
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	2.0191e+01	1.5146e+01	1.2679e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	1.8537e+01	1.6686e+01	8.2813e-01
	731	0.0000e+00	0.0000e+00	0.0000e+00	1.8284e+01	1.3878e+01	1.9828e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	1.9637e+01	1.2901e+01	2.4226e+00
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	2.1784e+01	1.5900e+01	-2.4255e-01
	729	0.0000e+00	0.0000e+00	0.0000e+00	1.9999e+01	1.7662e+01	-1.4002e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	1.9065e+01	1.7091e+01	6.8231e-02
	720	0.0000e+00	0.0000e+00	0.0000e+00	2.0594e+01	1.5652e+01	1.2259e+00
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	2.4252e+01	1.4078e+01	-1.8188e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	2.2416e+01	1.5750e+01	-3.8475e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	2.0575e+01	1.7190e+01	-2.3146e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	2.2371e+01	1.5520e+01	-2.8581e-01
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	2.7675e+01	1.0116e+01	-3.0750e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	2.5886e+01	1.1292e+01	-6.0019e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	2.3089e+01	1.4498e+01	-4.7335e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	2.5102e+01	1.2910e+01	-1.8067e+00
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	3.1863e+01	4.6381e+00	-3.6211e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	3.0244e+01	4.9003e+00	-7.2476e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	2.6655e+01	9.4271e+00	-6.6119e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	2.8797e+01	8.3036e+00	-2.9855e+00
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	3.6246e+01	-1.3298e+00	-3.1792e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	3.4880e+01	-2.2529e+00	-6.9567e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	3.1042e+01	2.7271e+00	-7.2642e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	3.3153e+01	2.4742e+00	-3.4866e+00
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	3.9912e+01	-6.3458e+00	-1.7562e+00



	724	0.0000e+00	0.0000e+00	0.0000e+00	3.8683e+01	-8.3237e+00	-4.7863e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	3.5577e+01	-4.2565e+00	-6.1046e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	3.7458e+01	-3.3602e+00	-3.0746e+00
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	4.1707e+01	-8.9300e+00	2.4308e-01
	621	0.0000e+00	0.0000e+00	0.0000e+00	4.0652e+01	-1.1277e+01	-1.1297e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	3.9143e+01	-9.6058e+00	-3.1224e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	4.0697e+01	-7.6084e+00	-1.7496e+00
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	1.8760e+01	3.8501e+00	4.0025e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	1.8826e+01	3.7391e+00	3.6633e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	1.9655e+01	-3.5655e+00	3.7260e+00
	713	0.0000e+00	0.0000e+00	0.0000e+00	1.7309e+01	-3.8133e+00	4.0653e+00
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	1.9596e+01	1.0775e+01	3.2929e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	1.9627e+01	1.1382e+01	3.1682e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	1.9517e+01	6.5013e+00	3.5243e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	1.9476e+01	6.3323e+00	3.6490e+00
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	2.0763e+01	1.4086e+01	2.7602e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	2.0748e+01	1.4880e+01	2.0680e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	2.0208e+01	1.2533e+01	2.6866e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	2.0033e+01	1.1979e+01	3.3787e+00
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	2.2437e+01	1.4694e+01	2.0074e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	2.2479e+01	1.5525e+01	7.1915e-01
	720	0.0000e+00	0.0000e+00	0.0000e+00	2.1301e+01	1.5218e+01	1.4681e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	2.1250e+01	1.4417e+01	2.7564e+00
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	2.4806e+01	1.3031e+01	1.3489e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	2.4988e+01	1.3683e+01	-6.5338e-01
	719	0.0000e+00	0.0000e+00	0.0000e+00	2.3076e+01	1.5110e+01	4.3151e-02
	709	0.0000e+00	0.0000e+00	0.0000e+00	2.3045e+01	1.4244e+01	2.0455e+00
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	2.7934e+01	9.4923e+00	9.6359e-01
	717	0.0000e+00	0.0000e+00	0.0000e+00	2.8333e+01	9.7949e+00	-1.7568e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	2.5688e+01	1.2632e+01	-1.2829e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	2.5587e+01	1.1901e+01	1.4374e+00
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	3.1672e+01	4.5979e+00	9.2320e-01
	716	0.0000e+00	0.0000e+00	0.0000e+00	3.2321e+01	4.4866e+00	-2.3300e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	2.9152e+01	8.2521e+00	-2.1877e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	2.8873e+01	7.8305e+00	1.0655e+00
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	3.5571e+01	-8.0909e-01	1.1127e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	3.6422e+01	-1.2377e+00	-2.2158e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	3.3211e+01	2.6948e+00	-2.4011e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	3.2674e+01	2.6701e+00	9.2739e-01
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	3.8846e+01	-5.4519e+00	1.2553e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	3.9773e+01	-5.9931e+00	-1.4224e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	3.7247e+01	-2.9040e+00	-1.8174e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	3.6460e+01	-2.5841e+00	8.6024e-01
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	4.0552e+01	-7.8560e+00	1.1250e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	4.1546e+01	-8.3695e+00	-1.4875e-01
	714	0.0000e+00	0.0000e+00	0.0000e+00	4.0339e+01	-7.0711e+00	-6.1241e-01
	704	0.0000e+00	0.0000e+00	0.0000e+00	3.9422e+01	-6.5738e+00	6.6133e-01
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	1.6804e+01	4.6688e+00	5.3463e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	1.7926e+01	2.9172e+00	4.8879e+00
	713	0.0000e+00	0.0000e+00	0.0000e+00	2.2575e+01	-3.3541e+00	4.2995e+00
	703	0.0000e+00	0.0000e+00	0.0000e+00	1.1314e+01	-3.8228e+00	4.7578e+00
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	1.7310e+01	1.0471e+01	4.3014e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	1.9255e+01	1.0698e+01	4.0947e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	1.8494e+01	6.0909e+00	4.1640e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	1.7692e+01	6.1669e+00	4.3707e+00
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	1.8348e+01	1.3697e+01	4.2220e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	2.0451e+01	1.3777e+01	3.5559e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	1.9866e+01	1.1740e+01	3.7192e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	1.7710e+01	1.1464e+01	4.3852e+00
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	1.9760e+01	1.4334e+01	4.0590e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	2.2117e+01	1.4348e+01	2.9087e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	2.0956e+01	1.4162e+01	3.0424e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	1.8811e+01	1.3885e+01	4.1926e+00

1896	698	0.0000e+00	0.0000e+00	0.0000e+00	2.1714e+01	1.2887e+01	4.1254e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	2.4388e+01	1.2682e+01	2.3986e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	2.2641e+01	1.4052e+01	2.3774e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	2.0293e+01	1.3894e+01	4.1043e+00
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	2.4273e+01	9.6121e+00	4.4600e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	2.7344e+01	9.1792e+00	2.1336e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	2.5002e+01	1.1812e+01	1.9076e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	2.2346e+01	1.1872e+01	4.2340e+00
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	2.7404e+01	4.8110e+00	4.9289e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	3.0883e+01	4.3379e+00	2.0912e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	2.8096e+01	7.8249e+00	1.7392e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	2.4985e+01	8.1190e+00	4.5770e+00
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	3.0899e+01	-9.6073e-01	5.1127e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	3.4648e+01	-1.0318e+00	2.0397e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	3.1780e+01	2.6481e+00	1.8282e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	2.8129e+01	3.0381e+00	4.9012e+00
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	3.4164e+01	-6.4337e+00	4.3419e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	3.7919e+01	-5.6926e+00	1.6366e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	3.5594e+01	-2.7528e+00	1.9331e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	3.1526e+01	-2.6582e+00	4.6384e+00
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	3.5975e+01	-9.3851e+00	2.1755e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	3.9746e+01	-8.1769e+00	8.0884e-01
	704	0.0000e+00	0.0000e+00	0.0000e+00	3.8652e+01	-6.9043e+00	1.7064e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	3.4561e+01	-7.6527e+00	3.0730e+00
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	1.1668e+01	5.1989e+00	6.1961e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	1.4824e+01	2.3303e+00	6.1018e+00
	703	0.0000e+00	0.0000e+00	0.0000e+00	2.3230e+01	-2.4094e+00	4.9216e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	3.0904e+00	-2.7050e+00	5.0158e+00
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	1.1215e+01	9.6132e+00	4.8993e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	1.6235e+01	1.0281e+01	4.9282e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	1.4950e+01	5.9357e+00	4.7199e+00
	691	0.0000e+00	0.0000e+00	0.0000e+00	1.2553e+01	7.0573e+00	4.6910e+00
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	1.1817e+01	1.3299e+01	5.2961e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	1.7039e+01	1.3239e+01	4.8885e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	1.6548e+01	1.1317e+01	4.5355e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	1.1561e+01	1.2028e+01	4.9431e+00
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	1.2751e+01	1.4496e+01	5.6356e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	1.8267e+01	1.3931e+01	4.8236e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	1.7327e+01	1.3718e+01	4.3452e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	1.2201e+01	1.4197e+01	5.1572e+00
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	1.4065e+01	1.3741e+01	6.2585e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	1.9955e+01	1.2514e+01	5.0322e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	1.8640e+01	1.3803e+01	4.3259e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	1.3131e+01	1.4116e+01	5.5521e+00
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	1.5741e+01	1.1138e+01	7.1707e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	2.2184e+01	9.2538e+00	5.5234e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	2.0475e+01	1.1872e+01	4.5825e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	1.4427e+01	1.2039e+01	6.2298e+00
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	1.7805e+01	6.7503e+00	8.2128e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	2.4978e+01	4.4194e+00	6.1365e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	2.2921e+01	8.1367e+00	5.0938e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.6052e+01	8.0789e+00	7.1702e+00
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	2.0438e+01	6.1376e-01	8.8712e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	2.8246e+01	-1.4745e+00	6.3479e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	2.6034e+01	2.8519e+00	5.6342e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.8020e+01	2.3195e+00	8.1575e+00
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	2.3765e+01	-6.9821e+00	7.8538e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	3.1461e+01	-7.2625e+00	5.1031e+00
	695	0.0000e+00	0.0000e+00	0.0000e+00	2.9711e+01	-3.3842e+00	5.6847e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	2.0467e+01	-4.9324e+00	8.4354e+00
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	2.5731e+01	-1.4000e+01	3.4394e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	3.3948e+01	-1.0740e+01	1.7067e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	3.2927e+01	-9.0357e+00	4.3429e+00

	675	0.0000e+00	0.0000e+00	0.0000e+00	2.3572e+01	-1.1522e+01	6.0756e+00
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	4.2997e-01	1.8164e+01	4.4674e+00
	691	0.0000e+00	0.0000e+00	0.0000e+00	7.3026e+00	1.5427e+00	8.3256e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	2.1479e+01	-2.7946e-01	5.9660e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	-6.6669e+00	-1.1757e+01	2.1078e+00
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	-4.4553e-01	1.9222e+01	5.4443e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	7.0185e+00	9.6311e+00	6.5381e+00
	691	0.0000e+00	0.0000e+00	0.0000e+00	9.3552e+00	6.2798e+00	5.7629e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	-7.7516e-01	-1.6216e+00	4.6691e+00
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	-4.9679e-01	1.8861e+01	6.0095e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	7.8243e+00	1.2905e+01	6.3391e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	9.0781e+00	1.1390e+01	5.9258e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	-1.1459e+00	6.3347e+00	5.5963e+00
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.3878e-01	1.6307e+01	6.4747e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	8.9786e+00	1.3972e+01	6.1489e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	8.8901e+00	1.3736e+01	5.6942e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	-6.4812e-01	1.2392e+01	6.0201e+00
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	3.1384e-01	1.1774e+01	7.0608e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	1.0427e+01	1.3013e+01	6.2316e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	9.1280e+00	1.3968e+01	5.6158e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	9.1461e-02	1.6550e+01	6.4450e+00
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	6.0031e-01	5.2314e+00	7.8136e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.2115e+01	1.0124e+01	6.5914e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	9.6367e+00	1.2253e+01	5.7892e+00
	684	0.0000e+00	0.0000e+00	0.0000e+00	8.3618e-01	1.8894e+01	7.0114e+00
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	5.1574e-01	-3.4697e+00	8.7028e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.4086e+01	5.3244e+00	7.1263e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.0356e+01	8.6345e+00	6.1711e+00
	682	0.0000e+00	0.0000e+00	0.0000e+00	1.3538e+00	1.9511e+01	7.7476e+00
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	3.7525e-02	-1.4520e+01	9.6583e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	1.6741e+01	-1.3611e+00	7.5302e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.1376e+01	3.0289e+00	6.5245e+00
	680	0.0000e+00	0.0000e+00	0.0000e+00	1.4973e+00	1.8381e+01	8.6526e+00
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	-1.6920e-01	-2.7873e+01	1.0522e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	2.1664e+01	-9.3534e+00	6.8771e+00
	677	0.0000e+00	0.0000e+00	0.0000e+00	1.3404e+01	-4.9146e+00	6.1706e+00
	678	0.0000e+00	0.0000e+00	0.0000e+00	1.4027e+00	1.5145e+01	9.8154e+00
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	9.4382e+00	-4.1701e+01	1.0423e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	2.7421e+01	-1.5589e+01	1.9790e+00
	675	0.0000e+00	0.0000e+00	0.0000e+00	1.8938e+01	-1.4366e+01	3.8711e+00
	676	0.0000e+00	0.0000e+00	0.0000e+00	2.4279e+00	7.6214e+00	1.2315e+01
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	-5.2061e+01	-6.2533e+01	1.8886e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-1.0254e+02	-1.8801e+01	2.1844e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-1.3561e+02	-1.6250e+02	1.0581e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.3015e+01	-9.6451e+01	7.6240e+00
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	-4.5826e+01	3.4835e+00	2.1708e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-6.1127e+01	7.8701e+00	6.8555e+00
	674	0.0000e+00	0.0000e+00	0.0000e+00	-8.4724e+01	-2.5530e+01	1.5192e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-5.2207e+01	-3.7665e+01	3.0045e+01
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	-3.1586e+01	2.5575e+01	1.3706e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	-3.8564e+01	2.8667e+01	3.3824e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	-5.2304e+01	1.3426e+01	8.8612e+00
	663	0.0000e+00	0.0000e+00	0.0000e+00	-3.8683e+01	5.6605e+00	1.9185e+01
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	-2.2410e+01	3.5684e+01	7.1474e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-2.6399e+01	3.8303e+01	1.2069e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	-3.3780e+01	3.1003e+01	4.8859e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	-2.7019e+01	2.6330e+01	1.0826e+01
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.8352e+01	3.9343e+01	1.6649e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-2.1505e+01	4.1919e+01	-5.3550e-01
	671	0.0000e+00	0.0000e+00	0.0000e+00	-2.4134e+01	3.9265e+01	2.3803e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	-2.0164e+01	3.6063e+01	4.5807e+00
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	-1.9046e+01	3.8084e+01	-3.6083e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-2.2772e+01	4.1141e+01	-2.3545e+00

	670	0.0000e+00	0.0000e+00	0.0000e+00	-2.1220e+01	4.2127e+01	5.0740e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.8067e+01	3.9511e+01	-7.4642e-01
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	-2.4436e+01	3.1083e+01	-9.6210e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	-3.0572e+01	3.5438e+01	-4.7155e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-2.4423e+01	4.0656e+01	-1.2188e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	-2.0684e+01	3.8081e+01	-6.1243e+00
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	-3.4541e+01	1.4470e+01	-1.7507e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-4.6725e+01	2.1596e+01	-8.3930e+00
	668	0.0000e+00	0.0000e+00	0.0000e+00	-3.4591e+01	3.3786e+01	-3.2984e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	-2.8280e+01	3.0814e+01	-1.2412e+01
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	-4.6693e+01	-2.1983e+01	-2.7666e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-7.5710e+01	-1.0941e+01	-1.4208e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-5.4442e+01	1.7174e+01	-6.5370e+00
	657	0.0000e+00	0.0000e+00	0.0000e+00	-4.0798e+01	1.3013e+01	-1.9995e+01
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.4111e+01	-7.1171e+01	-7.9660e+00
	20	0.0000e+00	0.0000e+00	0.0000e+00	-1.1990e+02	-1.3032e+02	-9.9812e+00
	666	0.0000e+00	0.0000e+00	0.0000e+00	-9.1562e+01	-4.6211e+00	-2.0250e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-4.6519e+01	-4.3418e+01	-1.8234e+01
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	5.3058e+00	-4.5036e+01	1.9691e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-3.3221e+01	-5.5923e+01	2.6342e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-2.3594e+01	-7.9181e+01	9.6487e+00
	654	0.0000e+00	0.0000e+00	0.0000e+00	9.1027e+00	-5.6984e+01	2.9978e+00
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	-6.8384e+00	-8.3878e+00	2.2962e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-3.1373e+01	-4.8798e+00	2.7767e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-2.5073e+01	-2.9079e+01	3.0519e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-3.4396e+00	-3.1024e+01	2.5713e+01
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	-1.0230e+01	1.5385e+01	1.7591e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-2.3672e+01	2.0949e+01	1.6595e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-2.7602e+01	7.7313e+00	2.3940e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-8.3105e+00	-1.2621e+00	2.4937e+01
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	-9.0110e+00	2.7604e+01	9.9709e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	-1.7660e+01	3.2999e+01	8.1164e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	-2.1284e+01	2.6353e+01	1.4829e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-9.1293e+00	1.8444e+01	1.6684e+01
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	-7.7099e+00	3.2199e+01	2.0463e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.4810e+01	3.7684e+01	1.1058e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	-1.6376e+01	3.5207e+01	7.1095e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	-8.0420e+00	2.8794e+01	8.0499e+00
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	-7.4990e+00	3.0936e+01	-6.0124e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	-1.5401e+01	3.7113e+01	-5.6228e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.4599e+01	3.7986e+01	3.0378e-01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-7.5141e+00	3.2418e+01	-8.5884e-02
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	-8.0208e+00	2.3424e+01	-1.4476e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-1.9166e+01	3.0931e+01	-1.3068e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-1.6251e+01	3.5615e+01	-6.5752e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	-8.0940e+00	3.0255e+01	-7.9833e+00
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	-7.1893e+00	7.5771e+00	-2.2671e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-2.4593e+01	1.6129e+01	-2.1759e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-2.1090e+01	2.6604e+01	-1.4680e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	-8.8529e+00	2.1125e+01	-1.5591e+01
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	-3.2266e+00	-1.7127e+01	-2.4477e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-2.2776e+01	-1.4642e+01	-2.8318e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-2.7853e+01	5.5072e+00	-2.5172e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	-5.9027e+00	1.7583e+00	-2.1331e+01
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	6.5228e+00	-3.8842e+01	-6.5044e+00
	655	0.0000e+00	0.0000e+00	0.0000e+00	-2.2928e+01	-5.6342e+01	-1.1205e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-2.9974e+01	-3.7673e+01	-2.4543e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	4.0822e+00	-2.8740e+01	-1.9843e+01
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	2.4924e+01	-2.8939e+01	1.2380e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	6.3254e+00	-3.7028e+01	1.6527e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	1.2063e+01	-4.8189e+01	5.3094e+00
	643	0.0000e+00	0.0000e+00	0.0000e+00	2.7556e+01	-3.4045e+01	1.1625e+00
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	1.6268e+01	-1.0061e+01	1.7724e+01

	652	0.0000e+00	0.0000e+00	0.0000e+00	-7.8360e-01	-8.5956e+00	2.4466e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	8.5140e+00	-2.7266e+01	2.2380e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	2.0579e+01	-2.1666e+01	1.5638e+01
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	9.4549e+00	7.6913e+00	1.5462e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-3.3465e+00	1.2581e+01	1.9293e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	6.1795e-01	-1.9052e-01	2.3363e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	1.3223e+01	-3.3664e+00	1.9532e+01
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	6.2648e+00	1.9007e+01	9.3792e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	-3.3411e+00	2.4853e+01	1.0824e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-2.4671e+00	1.8021e+01	1.6943e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	8.3075e+00	1.1740e+01	1.5498e+01
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	5.4548e+00	2.3839e+01	1.8819e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	-2.8213e+00	3.0060e+01	2.1635e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	-2.8592e+00	2.7471e+01	8.6342e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	6.0612e+00	2.0868e+01	8.3525e+00
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	6.1216e+00	2.2969e+01	-5.9438e+00
	648	0.0000e+00	0.0000e+00	0.0000e+00	-2.4782e+00	2.9467e+01	-6.3353e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	-2.6896e+00	3.0421e+01	1.2140e-01
	638	0.0000e+00	0.0000e+00	0.0000e+00	5.5429e+00	2.4123e+01	5.1286e-01
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	8.3356e+00	1.6505e+01	-1.3240e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	-1.7968e+00	2.2788e+01	-1.4618e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	-2.6954e+00	2.7661e+01	-8.4651e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	6.4534e+00	2.1750e+01	-7.0874e+00
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	1.2808e+01	4.5199e+00	-1.7969e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.0062e+00	8.2579e+00	-2.1330e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	-2.4053e+00	1.8417e+01	-1.6877e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	9.4361e+00	1.3331e+01	-1.3516e+01
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	1.9291e+01	-1.0592e+01	-1.6116e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	7.6059e+00	-1.4133e+01	-2.1835e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	-1.1163e-01	1.2407e+00	-2.2505e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	1.5464e+01	-9.7349e-01	-1.6785e+01
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	2.5144e+01	-2.1247e+01	-5.6862e+00
	644	0.0000e+00	0.0000e+00	0.0000e+00	1.0126e+01	-3.1492e+01	-8.9594e+00
	645	0.0000e+00	0.0000e+00	0.0000e+00	5.7549e+00	-2.2425e+01	-1.7076e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	2.2908e+01	-1.6585e+01	-1.3802e+01
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	3.4796e+01	-1.8204e+01	7.5245e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	2.5419e+01	-2.3825e+01	9.8778e+00
	643	0.0000e+00	0.0000e+00	0.0000e+00	2.8519e+01	-2.9050e+01	2.8221e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	3.6446e+01	-2.0688e+01	4.6886e-01
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	2.9153e+01	-7.9290e+00	1.1921e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	1.8964e+01	-8.3586e+00	1.7010e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	2.5957e+01	-1.9103e+01	1.4368e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	3.2431e+01	-1.4297e+01	9.2787e+00
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	2.3054e+01	3.7132e+00	1.1244e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	1.3737e+01	6.8224e+00	1.5733e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	1.9262e+01	-2.7675e+00	1.7524e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	2.6588e+01	-3.2085e+00	1.3036e+01
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	1.8932e+01	1.2439e+01	7.2014e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	1.0882e+01	1.7178e+01	9.8810e+00
	640	0.0000e+00	0.0000e+00	0.0000e+00	1.3838e+01	1.1116e+01	1.4190e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	2.1385e+01	7.3158e+00	1.1510e+01
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	1.7312e+01	1.6681e+01	1.5336e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	1.0030e+01	2.1987e+01	2.4254e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	1.0930e+01	1.9514e+01	7.6962e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	1.8212e+01	1.4374e+01	6.8045e+00
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	1.8045e+01	1.6278e+01	-4.4622e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	1.0874e+01	2.1488e+01	-5.1957e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	1.0111e+01	2.2351e+01	1.3644e-01
	627	0.0000e+00	0.0000e+00	0.0000e+00	1.7328e+01	1.6994e+01	8.6993e-01
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	2.0994e+01	1.1516e+01	-9.5555e+00
	636	0.0000e+00	0.0000e+00	0.0000e+00	1.3621e+01	1.5677e+01	-1.1966e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	1.0992e+01	1.9924e+01	-7.3893e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	1.8757e+01	1.5014e+01	-4.9785e+00

1959	624	0.0000e+00	0.0000e+00	0.0000e+00	2.5868e+01	3.3100e+00	-1.2086e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	1.8566e+01	4.7550e+00	-1.6141e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	1.3707e+01	1.2252e+01	-1.3615e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	2.2544e+01	8.6903e+00	-9.5599e+00
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	3.1470e+01	-5.9096e+00	-1.0344e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	2.4567e+01	-8.6745e+00	-1.4983e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	1.8492e+01	5.0101e-02	-1.6055e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	2.8182e+01	-5.9162e-01	-1.1415e+01
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	3.5594e+01	-1.1898e+01	-4.6681e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	2.7173e+01	-1.7245e+01	-7.0828e+00
	634	0.0000e+00	0.0000e+00	0.0000e+00	2.4307e+01	-1.2866e+01	-1.1608e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	3.3586e+01	-9.2457e+00	-9.1932e+00
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	3.9617e+01	-1.1698e+01	4.3875e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	3.5008e+01	-1.5141e+01	5.7445e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	3.6724e+01	-1.7836e+01	1.5817e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	4.0641e+01	-1.3028e+01	2.2472e-01
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	3.5865e+01	-5.6463e+00	7.1789e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	3.0314e+01	-6.3594e+00	1.0714e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	3.5016e+01	-1.2671e+01	8.7232e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	3.8298e+01	-9.4383e+00	5.1880e+00
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	3.1217e+01	1.9798e+00	7.0948e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	2.5437e+01	3.7088e+00	1.0848e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	3.0132e+01	-2.8749e+00	1.1520e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	3.4098e+01	-2.4765e+00	7.7662e+00
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	2.7601e+01	8.3112e+00	4.7671e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	2.2050e+01	1.1473e+01	7.4082e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	2.5192e+01	6.7532e+00	1.0010e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	2.9790e+01	4.7584e+00	7.3691e+00
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	2.5998e+01	1.1697e+01	1.2023e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	2.0759e+01	1.5399e+01	2.1940e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	2.1905e+01	1.3295e+01	5.7404e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	2.6854e+01	9.9681e+00	4.7487e+00
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	2.6668e+01	1.1615e+01	-2.5997e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	2.1677e+01	1.5111e+01	-3.3621e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	2.0817e+01	1.5724e+01	2.8209e-01
	616	0.0000e+00	0.0000e+00	0.0000e+00	2.5989e+01	1.1998e+01	1.0445e+00
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	2.9440e+01	8.3039e+00	-5.6550e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	2.4735e+01	1.0780e+01	-8.0558e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	2.1949e+01	1.3943e+01	-5.1032e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	2.7381e+01	1.0568e+01	-2.7024e+00
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	3.3705e+01	2.7475e+00	-6.9800e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	2.9435e+01	3.3330e+00	-1.0545e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	2.5144e+01	8.3692e+00	-9.1187e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	3.0801e+01	6.1288e+00	-5.5541e+00
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	3.8229e+01	-3.1793e+00	-5.9712e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	3.4309e+01	-4.7975e+00	-9.5774e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	2.9849e+01	3.3795e-01	-1.0254e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	3.5411e+01	6.0954e-02	-6.6479e+00
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	4.1495e+01	-7.0588e+00	-3.1742e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	3.6893e+01	-9.7467e+00	-5.2286e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	3.4630e+01	-7.2035e+00	-7.5449e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	3.9611e+01	-5.3009e+00	-5.4905e+00
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	4.1290e+01	-8.2504e+00	2.3351e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	3.9612e+01	-1.0032e+01	3.1461e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	4.0585e+01	-1.1534e+01	1.0408e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	4.1954e+01	-9.1436e+00	2.2979e-01
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	3.8617e+01	-4.0848e+00	3.5836e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	3.6301e+01	-4.6239e+00	6.0928e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	3.9419e+01	-8.5425e+00	4.9307e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	4.0564e+01	-6.7786e+00	2.4216e+00
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	3.5123e+01	1.4178e+00	3.6352e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	3.2384e+01	2.1898e+00	6.5536e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	3.5902e+01	-2.3095e+00	6.7058e+00

	608	0.0000e+00	0.0000e+00	0.0000e+00	3.7495e+01	-1.8392e+00	3.7874e+00
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	3.2259e+01	6.2141e+00	2.6241e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	2.9365e+01	7.8849e+00	4.8356e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	3.1982e+01	4.3689e+00	6.0981e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	3.4106e+01	3.5375e+00	3.8866e+00
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	3.0956e+01	8.9207e+00	9.5764e-01
	616	0.0000e+00	0.0000e+00	0.0000e+00	2.8114e+01	1.0959e+01	1.8236e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	2.9138e+01	9.2656e+00	3.7149e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	3.1680e+01	7.5557e+00	2.8489e+00
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	3.1570e+01	8.9791e+00	-8.3453e-01
	615	0.0000e+00	0.0000e+00	0.0000e+00	2.8929e+01	1.0862e+01	-1.5181e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	2.8165e+01	1.1233e+01	4.6486e-01
	605	0.0000e+00	0.0000e+00	0.0000e+00	3.0955e+01	9.1863e+00	1.1484e+00
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	3.3973e+01	6.5420e+00	-2.2148e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	3.1660e+01	7.7840e+00	-4.3008e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	2.9274e+01	1.0012e+01	-2.7361e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	3.2149e+01	8.1530e+00	-6.5010e-01
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	3.7569e+01	2.4267e+00	-2.7641e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	3.5645e+01	2.6786e+00	-5.7264e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	3.2227e+01	6.0570e+00	-4.9988e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	3.5008e+01	4.8668e+00	-2.0364e+00
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	4.1312e+01	-1.9376e+00	-2.3779e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	3.9657e+01	-2.6521e+00	-5.2998e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	3.6293e+01	6.1413e-01	-5.5698e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	3.8779e+01	4.3467e-01	-2.6478e+00
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	4.4058e+01	-4.9088e+00	-1.4159e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	4.2198e+01	-6.0341e+00	-3.2745e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	4.0221e+01	-4.2954e+00	-4.2337e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	4.2284e+01	-3.5197e+00	-2.3752e+00
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	4.0157e+01	-7.1546e+00	8.4302e-01
	609	0.0000e+00	0.0000e+00	0.0000e+00	4.1023e+01	-7.6255e+00	1.4153e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	4.1615e+01	-8.6274e+00	8.9968e-01
	599	0.0000e+00	0.0000e+00	0.0000e+00	4.0719e+01	-8.0765e+00	3.2741e-01
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	3.7948e+01	-3.3325e+00	7.1898e-01
	608	0.0000e+00	0.0000e+00	0.0000e+00	3.8510e+01	-3.6328e+00	2.7146e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	4.0670e+01	-6.4684e+00	2.2724e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	3.9816e+01	-5.8923e+00	2.7675e-01
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	3.5163e+01	1.5295e+00	8.1015e-01
	607	0.0000e+00	0.0000e+00	0.0000e+00	3.5340e+01	1.5868e+00	3.1627e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	3.7947e+01	-1.8199e+00	2.9864e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	3.7305e+01	-1.4133e+00	6.3390e-01
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	3.2928e+01	5.6953e+00	8.7398e-01
	606	0.0000e+00	0.0000e+00	0.0000e+00	3.2809e+01	6.0918e+00	2.6719e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	3.4839e+01	3.3119e+00	2.8541e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	3.4526e+01	3.3473e+00	1.0562e+00
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	3.1949e+01	8.0502e+00	8.1395e-01
	605	0.0000e+00	0.0000e+00	0.0000e+00	3.1736e+01	8.6011e+00	1.5119e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	3.2543e+01	7.1986e+00	1.9632e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	3.2551e+01	6.8550e+00	1.2653e+00
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	3.2522e+01	8.1315e+00	7.2364e-01
	604	0.0000e+00	0.0000e+00	0.0000e+00	3.2430e+01	8.5975e+00	1.2975e-01
	605	0.0000e+00	0.0000e+00	0.0000e+00	3.1786e+01	8.8334e+00	6.4243e-01
	594	0.0000e+00	0.0000e+00	0.0000e+00	3.1968e+01	8.2833e+00	1.2363e+00
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	3.4582e+01	6.0176e+00	7.3976e-01
	603	0.0000e+00	0.0000e+00	0.0000e+00	3.4756e+01	6.2324e+00	-1.0344e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	3.2810e+01	7.9302e+00	-6.6462e-01
	593	0.0000e+00	0.0000e+00	0.0000e+00	3.2947e+01	7.4122e+00	1.1095e+00
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	3.7684e+01	2.3245e+00	8.5134e-01
	602	0.0000e+00	0.0000e+00	0.0000e+00	3.8143e+01	2.2935e+00	-1.6783e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	3.5414e+01	4.8540e+00	-1.5381e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	3.5307e+01	4.5451e+00	9.9158e-01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	4.0972e+01	-1.7448e+00	8.2519e-01
	601	0.0000e+00	0.0000e+00	0.0000e+00	4.1626e+01	-1.8539e+00	-1.7263e+00

	602	0.0000e+00	0.0000e+00	0.0000e+00	3.8945e+01	6.2196e-01	-1.7400e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	3.8503e+01	5.3994e-01	8.1154e-01
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	4.3336e+01	-4.5995e+00	4.0176e-01
	600	0.0000e+00	0.0000e+00	0.0000e+00	4.4121e+01	-4.6681e+00	-1.3186e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	4.2344e+01	-3.2295e+00	-1.3517e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	4.1640e+01	-3.2327e+00	3.6872e-01
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	3.5291e+01	-7.9397e+00	-5.4312e-01
	598	0.0000e+00	0.0000e+00	0.0000e+00	3.9423e+01	-7.4489e+00	8.8189e-02
	599	0.0000e+00	0.0000e+00	0.0000e+00	3.9928e+01	-8.4245e+00	9.6091e-01
	588	0.0000e+00	0.0000e+00	0.0000e+00	3.6060e+01	-9.6633e+00	3.2959e-01
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	3.3112e+01	-2.9532e+00	-1.8435e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	3.7101e+01	-3.3973e+00	8.8922e-02
	598	0.0000e+00	0.0000e+00	0.0000e+00	3.8852e+01	-6.1192e+00	1.2851e-01
	587	0.0000e+00	0.0000e+00	0.0000e+00	3.5260e+01	-6.6417e+00	-1.8039e+00
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	3.0809e+01	2.4079e+00	-1.5201e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	3.4305e+01	1.6037e+00	5.2194e-01
	597	0.0000e+00	0.0000e+00	0.0000e+00	3.6410e+01	-1.5784e+00	-5.8025e-02
	586	0.0000e+00	0.0000e+00	0.0000e+00	3.2826e+01	-1.2332e+00	-2.1001e+00
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	2.9163e+01	6.5614e+00	-4.6241e-01
	595	0.0000e+00	0.0000e+00	0.0000e+00	3.2183e+01	5.7575e+00	9.8832e-01
	596	0.0000e+00	0.0000e+00	0.0000e+00	3.3791e+01	3.2012e+00	2.0339e-01
	585	0.0000e+00	0.0000e+00	0.0000e+00	3.0483e+01	3.9529e+00	-1.2473e+00
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	2.8505e+01	8.7742e+00	7.7890e-01
	594	0.0000e+00	0.0000e+00	0.0000e+00	3.1321e+01	8.0176e+00	1.3167e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	3.1944e+01	6.7376e+00	5.4130e-01
	584	0.0000e+00	0.0000e+00	0.0000e+00	2.8967e+01	7.5178e+00	3.4541e-03
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	2.8980e+01	8.7618e+00	2.0388e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	3.1913e+01	8.0054e+00	1.5525e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	3.1375e+01	8.2269e+00	8.0455e-01
	583	0.0000e+00	0.0000e+00	0.0000e+00	2.8537e+01	8.9528e+00	1.2908e+00
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	3.0603e+01	6.5304e+00	3.2308e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	3.3872e+01	5.8280e+00	1.7659e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	3.2265e+01	7.4230e+00	1.0502e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	2.9254e+01	8.1390e+00	2.5151e+00
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	3.3213e+01	2.4174e+00	4.0601e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	3.6831e+01	2.0815e+00	1.8434e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	3.4524e+01	4.5522e+00	1.3299e+00
	581	0.0000e+00	0.0000e+00	0.0000e+00	3.1047e+01	5.2337e+00	3.5467e+00
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	3.6259e+01	-2.5064e+00	3.8941e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	4.0046e+01	-2.0764e+00	1.4680e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	3.7714e+01	4.0937e-01	1.5061e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	3.3695e+01	7.6404e-01	3.9321e+00
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	3.8308e+01	-6.0773e+00	2.1474e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	4.2550e+01	-5.0636e+00	4.9591e-01
	590	0.0000e+00	0.0000e+00	0.0000e+00	4.0913e+01	-3.5727e+00	1.2468e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	3.6611e+01	-4.0470e+00	2.8983e+00
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	2.4190e+01	-1.1880e+01	-2.5034e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	3.3771e+01	-9.3222e+00	-1.5344e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	3.4087e+01	-1.0982e+01	9.7841e-01
	577	0.0000e+00	0.0000e+00	0.0000e+00	2.5829e+01	-1.3404e+01	9.3796e-03
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	2.1940e+01	-4.7142e+00	-4.3850e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	3.1342e+01	-3.5159e+00	-2.4481e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	3.2215e+01	-7.3512e+00	-2.3849e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	2.4977e+01	-6.2782e+00	-4.3218e+00
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	2.0671e+01	2.4292e+00	-3.1900e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	2.8729e+01	2.3912e+00	-1.7030e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	3.0015e+01	-1.5641e+00	-3.0933e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	2.2386e+01	1.1534e+00	-4.5804e+00
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	2.0004e+01	7.4940e+00	-1.2234e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	2.7061e+01	6.7046e+00	-3.2919e-01
	585	0.0000e+00	0.0000e+00	0.0000e+00	2.7989e+01	3.8262e+00	-2.1204e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	2.0881e+01	6.5867e+00	-3.0147e+00
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	1.9809e+01	1.0272e+01	8.9609e-01



	583	0.0000e+00	0.0000e+00	0.0000e+00	2.6416e+01	8.8753e+00	1.2056e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	2.6740e+01	7.5266e+00	-6.4166e-01
	569	0.0000e+00	0.0000e+00	0.0000e+00	2.0110e+01	9.7911e+00	-9.5117e-01
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	2.0089e+01	1.0745e+01	3.0363e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	2.6784e+01	8.7490e+00	2.7494e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	2.6426e+01	9.0627e+00	9.0664e-01
	567	0.0000e+00	0.0000e+00	0.0000e+00	1.9868e+01	1.0718e+01	1.1935e+00
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	2.0911e+01	8.9002e+00	5.1125e+00
	581	0.0000e+00	0.0000e+00	0.0000e+00	2.8141e+01	6.3676e+00	4.2111e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	2.7125e+01	8.2908e+00	2.4133e+00
	565	0.0000e+00	0.0000e+00	0.0000e+00	2.0107e+01	9.3212e+00	3.3147e+00
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	2.2482e+01	4.7018e+00	6.7985e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	3.0406e+01	2.0427e+00	5.2418e+00
	581	0.0000e+00	0.0000e+00	0.0000e+00	2.8897e+01	5.2577e+00	3.7552e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	2.0849e+01	5.5448e+00	5.3119e+00
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	2.5182e+01	-1.7723e+00	7.0068e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	3.3136e+01	-3.2418e+00	4.8554e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	3.1740e+01	3.2611e-01	4.5497e+00
	561	0.0000e+00	0.0000e+00	0.0000e+00	2.2235e+01	-5.3747e-01	6.7011e+00
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	2.6753e+01	-8.7611e+00	3.7625e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	3.5956e+01	-7.3729e+00	2.1492e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	3.4801e+01	-5.2096e+00	3.9359e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	2.4653e+01	-7.3622e+00	5.5491e+00
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	3.4310e+00	8.6044e+00	-7.1311e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	1.8655e+01	-1.4358e+01	3.3934e-01
	577	0.0000e+00	0.0000e+00	0.0000e+00	2.8035e+01	-1.5296e+01	2.0428e+00
	10	0.0000e+00	0.0000e+00	0.0000e+00	9.1293e+00	-4.1635e+01	-5.4276e+00
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	3.4709e+00	1.5360e+01	-4.0924e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.4581e+01	-4.3113e+00	-1.6877e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	2.2242e+01	-8.7432e+00	-2.8306e+00
	576	0.0000e+00	0.0000e+00	0.0000e+00	6.6273e-01	-2.6150e+01	-5.2352e+00
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	4.4677e+00	1.7758e+01	-2.3668e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	1.4062e+01	3.2382e+00	-1.3189e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.8612e+01	-5.8615e-01	-2.8412e+00
	574	0.0000e+00	0.0000e+00	0.0000e+00	2.0333e+00	-1.2089e+01	-3.8891e+00
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	5.0617e+00	1.7739e+01	-6.8342e-01
	569	0.0000e+00	0.0000e+00	0.0000e+00	1.4385e+01	8.0385e+00	-9.9600e-02
	571	0.0000e+00	0.0000e+00	0.0000e+00	1.7055e+01	5.5616e+00	-1.7123e+00
	572	0.0000e+00	0.0000e+00	0.0000e+00	3.5695e+00	-9.4285e-01	-2.2962e+00
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	5.1118e+00	1.5546e+01	1.0655e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	1.4958e+01	1.0405e+01	1.3406e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	1.6079e+01	9.3273e+00	-2.9046e-01
	570	0.0000e+00	0.0000e+00	0.0000e+00	4.5456e+00	7.4186e+00	-5.6549e-01
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	4.6415e+00	1.1063e+01	2.8426e+00
	565	0.0000e+00	0.0000e+00	0.0000e+00	1.5714e+01	1.0401e+01	2.8163e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	1.5340e+01	1.0726e+01	1.1853e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	4.9630e+00	1.3296e+01	1.2116e+00
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	3.6100e+00	4.0156e+00	4.5849e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	1.6723e+01	7.9858e+00	4.2410e+00
	565	0.0000e+00	0.0000e+00	0.0000e+00	1.4773e+01	9.7463e+00	2.6193e+00
	566	0.0000e+00	0.0000e+00	0.0000e+00	4.8657e+00	1.6930e+01	2.9632e+00
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	1.9736e+00	-5.9481e+00	6.2291e+00
	561	0.0000e+00	0.0000e+00	0.0000e+00	1.8296e+01	3.0664e+00	5.4359e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	1.4439e+01	6.2787e+00	3.8595e+00
	564	0.0000e+00	0.0000e+00	0.0000e+00	4.2291e+00	1.8417e+01	4.6527e+00
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	2.9839e-01	-1.9070e+01	7.7450e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	2.1721e+01	-4.1735e+00	5.7415e+00
	561	0.0000e+00	0.0000e+00	0.0000e+00	1.4842e+01	-2.8244e-02	4.3967e+00
	562	0.0000e+00	0.0000e+00	0.0000e+00	3.1329e+00	1.7534e+01	6.4003e+00
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	6.3524e+00	-3.4342e+01	8.4796e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	2.7569e+01	-1.0852e+01	2.0710e+00
	559	0.0000e+00	0.0000e+00	0.0000e+00	1.8315e+01	-9.2056e+00	2.9156e+00
	560	0.0000e+00	0.0000e+00	0.0000e+00	2.6722e+00	1.2610e+01	9.3242e+00

2022	547	0.0000e+00	0.0000e+00	0.0000e+00	-4.6507e+01	-4.3947e+01	1.8231e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	-9.1560e+01	-5.1109e+00	2.0225e+01
	19	0.0000e+00	0.0000e+00	0.0000e+00	-1.1994e+02	-1.3084e+02	9.9241e+00
	548	0.0000e+00	0.0000e+00	0.0000e+00	-1.4101e+01	-7.1591e+01	7.9293e+00
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	-4.0733e+01	1.2439e+01	2.0010e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	-5.4368e+01	1.6595e+01	6.5016e+00
	557	0.0000e+00	0.0000e+00	0.0000e+00	-7.5688e+01	-1.1484e+01	1.4170e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-4.6679e+01	-2.2525e+01	2.7678e+01
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	-2.8112e+01	3.0243e+01	1.2449e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	-3.4404e+01	3.3205e+01	3.2540e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	-4.6624e+01	2.0997e+01	8.3425e+00
	546	0.0000e+00	0.0000e+00	0.0000e+00	-3.4449e+01	1.3874e+01	1.7537e+01
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	-2.0352e+01	3.7636e+01	6.1954e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-2.4057e+01	4.0191e+01	1.1688e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	-3.0336e+01	3.4859e+01	4.6521e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	-2.4219e+01	3.0511e+01	9.6787e+00
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.7495e+01	3.9389e+01	8.7123e-01
	553	0.0000e+00	0.0000e+00	0.0000e+00	-2.0584e+01	4.1967e+01	-5.5551e-01
	554	0.0000e+00	0.0000e+00	0.0000e+00	-2.2326e+01	4.0714e+01	2.2811e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	-1.8633e+01	3.7671e+01	3.7079e+00
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	-1.9255e+01	3.6567e+01	-4.3740e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	-2.3101e+01	3.9703e+01	-2.4123e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	-2.0743e+01	4.1857e+01	4.5868e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.7654e+01	3.9303e+01	-1.5030e+00
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	-2.5660e+01	2.7926e+01	-1.0494e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-3.2170e+01	3.2476e+01	-4.8764e+00
	552	0.0000e+00	0.0000e+00	0.0000e+00	-2.5177e+01	3.8927e+01	-1.2765e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	-2.1315e+01	3.6343e+01	-6.8941e+00
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	-3.6766e+01	9.0835e+00	-1.8657e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-4.9843e+01	1.6613e+01	-8.7586e+00
	551	0.0000e+00	0.0000e+00	0.0000e+00	-3.6670e+01	3.0462e+01	-3.4242e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-2.9961e+01	2.7420e+01	-1.3322e+01
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	-4.9780e+01	-3.1101e+01	-2.9239e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-8.0881e+01	-1.9377e+01	-1.4923e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-5.8218e+01	1.1605e+01	-6.8395e+00
	540	0.0000e+00	0.0000e+00	0.0000e+00	-4.3548e+01	7.3091e+00	-2.1156e+01
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	-1.3440e+01	-8.5665e+01	-7.9041e+00
	18	0.0000e+00	0.0000e+00	0.0000e+00	-1.2922e+02	-1.4891e+02	-1.0323e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-9.7952e+01	-1.2860e+01	-2.1246e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-4.9591e+01	-5.4454e+01	-1.8827e+01
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	4.0774e+00	-2.9215e+01	1.9877e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-2.9966e+01	-3.8189e+01	2.4548e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-2.2954e+01	-5.6749e+01	1.1186e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	6.4940e+00	-3.9241e+01	6.5146e+00
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	-5.8654e+00	1.2231e+00	2.1415e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-2.7795e+01	4.9339e+00	2.5218e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-2.2760e+01	-1.5173e+01	2.8331e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-3.2239e+00	-1.7631e+01	2.4528e+01
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	-8.7411e+00	2.0612e+01	1.5744e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	-2.0936e+01	2.6036e+01	1.4769e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-2.4516e+01	1.5546e+01	2.1804e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-7.1299e+00	7.0272e+00	2.2780e+01
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	-7.8659e+00	2.9891e+01	8.2298e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	-1.5948e+01	3.5173e+01	6.7296e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	-1.8975e+01	3.0379e+01	1.3160e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	-7.8669e+00	2.2917e+01	1.4660e+01
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	-7.1284e+00	3.2405e+01	4.5412e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.4081e+01	3.7863e+01	-5.6403e-02
	544	0.0000e+00	0.0000e+00	0.0000e+00	-1.5034e+01	3.6731e+01	5.7833e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	-7.2052e+00	3.0616e+01	6.2938e+00
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	-7.4718e+00	2.9436e+01	-7.5327e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	-1.5568e+01	3.5698e+01	-6.7331e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.4194e+01	3.7695e+01	-8.4529e-01

	532	0.0000e+00	0.0000e+00	0.0000e+00	-7.2325e+00	3.2288e+01	-1.6449e+00
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	-8.3990e+00	2.0187e+01	-1.6008e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-2.0131e+01	2.7899e+01	-1.4281e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-1.6714e+01	3.3745e+01	-7.7125e+00
	531	0.0000e+00	0.0000e+00	0.0000e+00	-8.3292e+00	2.8440e+01	-9.4398e+00
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	-7.5969e+00	2.2041e+00	-2.4178e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-2.6136e+01	1.1004e+01	-2.3191e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-2.2338e+01	2.2956e+01	-1.5984e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	-9.4031e+00	1.7473e+01	-1.6972e+01
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	-3.0142e+00	-2.5135e+01	-2.5324e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-2.3916e+01	-2.3000e+01	-2.9750e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-2.9682e+01	-7.1826e-01	-2.6855e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	-6.1803e+00	-4.3202e+00	-2.2429e+01
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	7.7040e+00	-4.8583e+01	-4.3440e+00
	538	0.0000e+00	0.0000e+00	0.0000e+00	-2.2311e+01	-6.9172e+01	-1.0205e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-3.1663e+01	-4.8328e+01	-2.5804e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	5.2255e+00	-3.8003e+01	-1.9943e+01
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	2.2876e+01	-1.7006e+01	1.3861e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	5.7391e+00	-2.2889e+01	1.7116e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	1.0082e+01	-3.1880e+01	8.9661e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	2.5103e+01	-2.1611e+01	5.7111e+00
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	1.5460e+01	-1.4340e+00	1.6918e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-9.0485e-02	7.1952e-01	2.2610e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	7.5903e+00	-1.4620e+01	2.1888e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	1.9268e+01	-1.1036e+01	1.6196e+01
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	9.4791e+00	1.2915e+01	1.3748e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	-2.3192e+00	1.7919e+01	1.7068e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	1.0383e+00	7.7341e+00	2.1451e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	1.2823e+01	4.0536e+00	1.8130e+01
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	6.5627e+00	2.1508e+01	7.4438e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	-2.5118e+00	2.7312e+01	8.7685e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	-1.6852e+00	2.2318e+01	1.4830e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	8.4096e+00	1.6109e+01	1.3506e+01
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	5.7290e+00	2.4247e+01	-1.3473e-02
	532	0.0000e+00	0.0000e+00	0.0000e+00	-2.3801e+00	3.0418e+01	3.2124e-01
	533	0.0000e+00	0.0000e+00	0.0000e+00	-2.2501e+00	2.9196e+01	6.6691e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	6.2746e+00	2.2788e+01	6.3344e+00
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	6.3088e+00	2.1630e+01	-7.7173e+00
	531	0.0000e+00	0.0000e+00	0.0000e+00	-2.4175e+00	2.8107e+01	-8.0364e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	-2.4444e+00	3.0213e+01	-1.6789e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	5.6916e+00	2.4090e+01	-1.3598e+00
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	8.5491e+00	1.3500e+01	-1.4804e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	-1.9503e+00	1.9716e+01	-1.6218e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-2.8070e+00	2.5764e+01	-1.0172e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	6.5514e+00	1.9996e+01	-8.7574e+00
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	1.3304e+01	-2.1576e-01	-1.9027e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	1.0240e+00	3.1437e+00	-2.2674e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	-2.7113e+00	1.4718e+01	-1.8510e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	9.6793e+00	9.8263e+00	-1.4864e+01
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	2.0375e+01	-1.6882e+01	-1.5904e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	8.3700e+00	-2.1686e+01	-2.2233e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	-2.3713e-01	-4.6224e+00	-2.3780e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	1.6209e+01	-6.3607e+00	-1.7451e+01
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	2.6404e+01	-2.8051e+01	-3.2161e+00
	527	0.0000e+00	0.0000e+00	0.0000e+00	1.1866e+01	-4.0311e+01	-6.9228e+00
	528	0.0000e+00	0.0000e+00	0.0000e+00	6.3980e+00	-3.0759e+01	-1.6824e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	2.4390e+01	-2.3398e+01	-1.3117e+01
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	3.3541e+01	-9.5996e+00	9.2650e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	2.4268e+01	-1.3272e+01	1.1671e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	2.7117e+01	-1.7593e+01	7.1025e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	3.5549e+01	-1.2211e+01	4.6965e+00
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	2.8151e+01	-9.5825e-01	1.1576e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	1.8473e+01	-3.8929e-01	1.6200e+01

	525	0.0000e+00	0.0000e+00	0.0000e+00	2.4525e+01	-9.0934e+00	1.5065e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	3.1433e+01	-6.2756e+00	1.0441e+01
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	2.2538e+01	8.3922e+00	9.8352e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	1.3724e+01	1.1861e+01	1.3869e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	1.8552e+01	4.3223e+00	1.6313e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	2.5852e+01	2.9488e+00	1.2278e+01
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	1.8784e+01	1.4905e+01	5.3893e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	1.1059e+01	1.9707e+01	7.7780e+00
	523	0.0000e+00	0.0000e+00	0.0000e+00	1.3654e+01	1.5324e+01	1.2256e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	2.1010e+01	1.1251e+01	9.8671e+00
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	1.7387e+01	1.7246e+01	-3.2084e-01
	521	0.0000e+00	0.0000e+00	0.0000e+00	1.0230e+01	2.2495e+01	3.9933e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	1.0971e+01	2.1358e+01	5.6278e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	1.8099e+01	1.6246e+01	4.9076e+00
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	1.8286e+01	1.5205e+01	-6.1568e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	1.1078e+01	2.0280e+01	-7.0339e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	1.0198e+01	2.2287e+01	-1.8409e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	1.7396e+01	1.7071e+01	-9.6376e-01
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	2.1437e+01	8.9702e+00	-1.0891e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	1.3945e+01	1.2839e+01	-1.3501e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	1.1101e+01	1.8191e+01	-9.1774e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	1.9012e+01	1.3492e+01	-6.5672e+00
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	2.6574e+01	-5.3634e-01	-1.2725e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	1.9215e+01	2.6845e-01	-1.7073e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	1.3943e+01	8.8933e+00	-1.5050e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	2.3070e+01	5.6884e+00	-1.0702e+01
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	3.2421e+01	-1.0628e+01	-9.7597e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	2.5615e+01	-1.4576e+01	-1.4684e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	1.9047e+01	-4.9079e+00	-1.6694e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	2.9051e+01	-4.8723e+00	-1.1770e+01
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	3.6274e+01	-1.6519e+01	-2.3577e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	2.8526e+01	-2.3436e+01	-4.7621e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	2.5274e+01	-1.8991e+01	-1.0697e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	3.4673e+01	-1.4146e+01	-8.2922e+00
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	3.9574e+01	-5.5766e+00	5.5668e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	3.4583e+01	-7.5361e+00	7.6179e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	3.6835e+01	-1.0041e+01	5.2517e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	4.1461e+01	-7.3108e+00	3.2006e+00
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	3.5382e+01	-2.0010e-01	6.8224e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	2.9809e+01	-5.6820e-04	1.0422e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	3.4256e+01	-5.1356e+00	9.6750e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	3.8199e+01	-3.4566e+00	6.0759e+00
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	3.0788e+01	5.9592e+00	5.8522e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	2.5121e+01	8.1049e+00	9.4075e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	2.9396e+01	3.0085e+00	1.0745e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	3.3689e+01	2.5028e+00	7.1901e+00
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	2.7392e+01	1.0598e+01	3.1404e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	2.1947e+01	1.3872e+01	5.5333e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	2.4723e+01	1.0559e+01	8.3866e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	2.9446e+01	8.1779e+00	5.9937e+00
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	2.6027e+01	1.2368e+01	-4.7265e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	2.0835e+01	1.6008e+01	2.8896e-01
	511	0.0000e+00	0.0000e+00	0.0000e+00	2.1700e+01	1.5124e+01	3.8396e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	2.6700e+01	1.1727e+01	3.0780e+00
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	2.6924e+01	1.0839e+01	-4.0931e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	2.1929e+01	1.4142e+01	-5.0724e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	2.0821e+01	1.5821e+01	-1.5791e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	2.6055e+01	1.2200e+01	-5.9982e-01
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	2.9906e+01	6.2781e+00	-6.7541e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	2.5200e+01	8.3873e+00	-9.3715e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	2.2142e+01	1.2515e+01	-6.7209e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	2.7681e+01	9.3714e+00	-4.1035e+00
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	3.4319e+01	-2.5013e-01	-7.4209e+00

	507	0.0000e+00	0.0000e+00	0.0000e+00	3.0127e+01	-2.8912e-01	-1.1170e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	2.5547e+01	5.5804e+00	-1.0258e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	3.1332e+01	3.7335e+00	-6.5087e+00
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	3.8812e+01	-6.6506e+00	-5.4429e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	3.5077e+01	-9.1938e+00	-9.0808e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	3.0457e+01	-3.5518e+00	-1.0543e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	3.6090e+01	-3.1977e+00	-6.9049e+00
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	4.1557e+01	-1.0170e+01	-1.4467e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	3.7449e+01	-1.3941e+01	-3.1977e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	3.5293e+01	-1.1595e+01	-6.5269e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	4.0179e+01	-8.7682e+00	-4.7759e+00
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	4.2281e+01	-3.7086e+00	2.4562e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	4.0187e+01	-4.5437e+00	4.3110e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	4.2155e+01	-6.2654e+00	3.2977e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	4.4056e+01	-5.0925e+00	1.4429e+00
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	3.8789e+01	2.8851e-01	2.8346e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	3.6264e+01	3.8817e-01	5.7503e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	3.9618e+01	-2.8995e+00	5.4064e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	4.1319e+01	-2.1185e+00	2.4908e+00
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	3.5041e+01	4.8347e+00	2.3550e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	3.2210e+01	5.9297e+00	5.3088e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	3.5618e+01	2.4720e+00	5.9452e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	3.7595e+01	2.3059e+00	2.9914e+00
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	3.2215e+01	8.3287e+00	1.1168e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	2.9276e+01	1.0088e+01	3.1928e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	3.1655e+01	7.7016e+00	4.6569e+00
	490	0.0000e+00	0.0000e+00	0.0000e+00	3.4026e+01	6.5596e+00	2.5808e+00
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	3.1069e+01	9.6822e+00	-5.3806e-01
	499	0.0000e+00	0.0000e+00	0.0000e+00	2.8192e+01	1.1647e+01	1.3384e-01
	500	0.0000e+00	0.0000e+00	0.0000e+00	2.8956e+01	1.1016e+01	2.0236e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	3.1661e+01	9.2361e+00	1.3517e+00
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	3.1871e+01	8.4863e+00	-2.1338e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	2.9201e+01	1.0168e+01	-3.0193e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	2.8186e+01	1.1488e+01	-1.1847e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	3.1099e+01	9.5335e+00	-2.9913e-01
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	3.4431e+01	4.9815e+00	-3.1556e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	3.2115e+01	5.8902e+00	-5.4157e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	2.9501e+01	8.9329e+00	-4.1293e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	3.2483e+01	7.2920e+00	-1.8691e+00
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	3.8075e+01	9.9291e-02	-3.1874e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	3.6198e+01	-1.3166e-01	-6.2342e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	3.2630e+01	3.8609e+00	-5.9241e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	3.5494e+01	3.0154e+00	-2.8773e+00
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	4.1638e+01	-4.5436e+00	-2.1426e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	4.0070e+01	-5.8758e+00	-4.9495e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	3.6764e+01	-2.3504e+00	-5.7757e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	3.9278e+01	-2.0452e+00	-2.9688e+00
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	4.3784e+01	-7.0720e+00	-4.5669e-01
	494	0.0000e+00	0.0000e+00	0.0000e+00	4.2117e+01	-8.8483e+00	-1.8790e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	4.0512e+01	-7.4240e+00	-3.4780e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	4.2518e+01	-6.0313e+00	-2.0557e+00
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	4.1702e+01	-3.3275e+00	-2.7329e-01
	492	0.0000e+00	0.0000e+00	0.0000e+00	4.2353e+01	-3.3852e+00	1.4366e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	4.4115e+01	-4.8299e+00	1.3466e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	4.3391e+01	-4.7094e+00	-3.6324e-01
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	3.8594e+01	5.1790e-01	-6.0249e-01
	491	0.0000e+00	0.0000e+00	0.0000e+00	3.8967e+01	5.1786e-01	1.9361e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	4.1633e+01	-2.0031e+00	1.8447e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	4.1051e+01	-1.8219e+00	-6.9393e-01
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	3.5438e+01	4.6616e+00	-6.3981e-01
	490	0.0000e+00	0.0000e+00	0.0000e+00	3.5457e+01	4.8725e+00	1.8731e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	3.8170e+01	2.2131e+00	1.9171e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	3.7797e+01	2.3366e+00	-5.9573e-01

2085	478	0.0000e+00	0.0000e+00	0.0000e+00	3.3133e+01	7.7488e+00	-5.9473e-01
	489	0.0000e+00	0.0000e+00	0.0000e+00	3.2886e+01	8.1620e+00	1.1571e+00
	490	0.0000e+00	0.0000e+00	0.0000e+00	3.4814e+01	6.2962e+00	1.4196e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	3.4740e+01	6.1891e+00	-3.3222e-01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	3.2231e+01	8.9313e+00	-5.5355e-01
	488	0.0000e+00	0.0000e+00	0.0000e+00	3.1913e+01	9.3854e+00	8.0285e-03
	489	0.0000e+00	0.0000e+00	0.0000e+00	3.2535e+01	8.9004e+00	4.1526e-01
	478	0.0000e+00	0.0000e+00	0.0000e+00	3.2743e+01	8.5474e+00	-1.4631e-01
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	3.2932e+01	7.8985e+00	-4.3079e-01
	487	0.0000e+00	0.0000e+00	0.0000e+00	3.2755e+01	8.1766e+00	-1.1837e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	3.1912e+01	9.2496e+00	-8.1697e-01
	477	0.0000e+00	0.0000e+00	0.0000e+00	3.2255e+01	8.8010e+00	-6.4106e-02
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	3.5101e+01	4.8288e+00	-1.1057e-01
	486	0.0000e+00	0.0000e+00	0.0000e+00	3.5206e+01	4.7834e+00	-2.0148e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	3.3098e+01	7.1810e+00	-1.8727e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	3.3365e+01	6.8541e+00	3.1482e-02
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	3.8215e+01	4.5241e-01	3.6134e-01
	485	0.0000e+00	0.0000e+00	0.0000e+00	3.8608e+01	1.1339e-01	-2.2036e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	3.5825e+01	3.1553e+00	-2.3517e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	3.5821e+01	3.1098e+00	2.1323e-01
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	4.1302e+01	-3.8536e+00	6.9836e-01
	484	0.0000e+00	0.0000e+00	0.0000e+00	4.1867e+01	-4.2820e+00	-1.6967e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	3.9345e+01	-1.6705e+00	-2.0299e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	3.8990e+01	-1.4386e+00	3.6523e-01
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	4.3124e+01	-6.2836e+00	5.8817e-01
	483	0.0000e+00	0.0000e+00	0.0000e+00	4.3777e+01	-6.6360e+00	-6.8780e-01
	484	0.0000e+00	0.0000e+00	0.0000e+00	4.2470e+01	-5.5477e+00	-1.0316e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	4.1856e+01	-5.2189e+00	2.4441e-01
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	3.6773e+01	-4.0373e+00	-2.7690e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	4.0996e+01	-3.6286e+00	-1.1408e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	4.2609e+01	-5.1510e+00	-4.4901e-01
	471	0.0000e+00	0.0000e+00	0.0000e+00	3.8447e+01	-6.1133e+00	-2.0772e+00
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	3.3911e+01	8.8279e-01	-3.6805e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	3.7827e+01	4.3689e-01	-1.2800e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	4.0136e+01	-2.1198e+00	-1.3246e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	3.6447e+01	-2.4772e+00	-3.7251e+00
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	3.1328e+01	5.5204e+00	-3.1391e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	3.4678e+01	4.7281e+00	-9.5302e-01
	480	0.0000e+00	0.0000e+00	0.0000e+00	3.6958e+01	2.1373e+00	-1.5696e+00
	469	0.0000e+00	0.0000e+00	0.0000e+00	3.3460e+01	2.5669e+00	-3.7557e+00
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	2.9614e+01	8.6661e+00	-1.9265e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	3.2476e+01	7.8256e+00	-4.9905e-01
	479	0.0000e+00	0.0000e+00	0.0000e+00	3.4050e+01	6.0513e+00	-1.3326e+00
	468	0.0000e+00	0.0000e+00	0.0000e+00	3.0921e+01	6.8628e+00	-2.7601e+00
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	2.8998e+01	9.7989e+00	-5.0493e-01
	477	0.0000e+00	0.0000e+00	0.0000e+00	3.1666e+01	8.9429e+00	-6.8266e-02
	478	0.0000e+00	0.0000e+00	0.0000e+00	3.2161e+01	8.4770e+00	-9.4104e-01
	467	0.0000e+00	0.0000e+00	0.0000e+00	2.9384e+01	9.3507e+00	-1.3777e+00
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	2.9562e+01	8.7531e+00	9.8671e-01
	476	0.0000e+00	0.0000e+00	0.0000e+00	3.2358e+01	7.8450e+00	3.7458e-01
	477	0.0000e+00	0.0000e+00	0.0000e+00	3.1667e+01	8.8228e+00	-5.2404e-01
	466	0.0000e+00	0.0000e+00	0.0000e+00	2.9018e+01	9.6955e+00	8.8091e-02
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	3.1276e+01	5.6117e+00	2.4454e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	3.4405e+01	4.7352e+00	8.7040e-01
	476	0.0000e+00	0.0000e+00	0.0000e+00	3.2674e+01	6.9640e+00	-3.0853e-02
	465	0.0000e+00	0.0000e+00	0.0000e+00	2.9828e+01	7.8736e+00	1.5441e+00
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	3.3931e+01	7.9871e-01	3.5217e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	3.7367e+01	3.2214e-01	1.2576e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	3.5030e+01	3.2214e+00	5.6475e-01
	464	0.0000e+00	0.0000e+00	0.0000e+00	3.1699e+01	4.1180e+00	2.8288e+00
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	3.6892e+01	-4.4533e+00	3.4899e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	4.0399e+01	-4.0645e+00	1.1558e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	3.8219e+01	-1.4806e+00	1.0799e+00

	463	0.0000e+00	0.0000e+00	0.0000e+00	3.4362e+01	-9.4150e-01	3.4140e+00
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	3.8581e+01	-7.6514e+00	1.6896e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	4.2370e+01	-6.6340e+00	3.9578e-01
	473	0.0000e+00	0.0000e+00	0.0000e+00	4.1195e+01	-5.4889e+00	1.1244e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	3.7145e+01	-5.9155e+00	2.4182e+00
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	2.4943e+01	-7.2792e+00	-5.3615e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	3.4997e+01	-5.1578e+00	-3.7930e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	3.6102e+01	-7.3849e+00	-2.0639e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	2.7004e+01	-8.6903e+00	-3.6323e+00
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	2.2618e+01	-3.1656e-01	-6.3806e+00
	469	0.0000e+00	0.0000e+00	0.0000e+00	3.1993e+01	4.9995e-01	-4.2787e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	3.3335e+01	-3.1743e+00	-4.6712e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	2.5519e+01	-1.5800e+00	-6.7731e+00
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	2.1327e+01	5.9537e+00	-4.8275e+00
	468	0.0000e+00	0.0000e+00	0.0000e+00	2.9220e+01	5.6083e+00	-3.3230e+00
	469	0.0000e+00	0.0000e+00	0.0000e+00	3.0669e+01	2.2435e+00	-4.9162e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	2.2914e+01	5.0556e+00	-6.4207e+00
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	2.0683e+01	9.9840e+00	-2.6385e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	2.7530e+01	8.8877e+00	-1.7920e+00
	468	0.0000e+00	0.0000e+00	0.0000e+00	2.8478e+01	6.7629e+00	-3.7142e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	2.1443e+01	9.4760e+00	-4.5607e+00
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	2.0548e+01	1.1707e+01	-3.0044e-01
	466	0.0000e+00	0.0000e+00	0.0000e+00	2.6933e+01	9.9807e+00	-7.4920e-02
	467	0.0000e+00	0.0000e+00	0.0000e+00	2.7210e+01	9.4105e+00	-2.0569e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	2.0726e+01	1.1612e+01	-2.2824e+00
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	2.0909e+01	1.1174e+01	2.0833e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	2.7379e+01	8.8314e+00	1.6984e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	2.6953e+01	9.8769e+00	-3.0142e-01
	450	0.0000e+00	0.0000e+00	0.0000e+00	2.0558e+01	1.1497e+01	8.3488e-02
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	2.1819e+01	8.4117e+00	4.4149e+00
	464	0.0000e+00	0.0000e+00	0.0000e+00	2.8817e+01	5.5478e+00	3.4186e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	2.7742e+01	8.1062e+00	1.4546e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	2.0883e+01	9.1345e+00	2.4509e+00
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	2.3493e+01	3.4221e+00	6.3127e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	3.1133e+01	5.2198e-01	4.6751e+00
	464	0.0000e+00	0.0000e+00	0.0000e+00	2.9611e+01	4.2083e+00	3.0618e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	2.1709e+01	4.5054e+00	4.6994e+00
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	2.6331e+01	-3.6638e+00	6.5499e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	3.3817e+01	-5.1100e+00	4.3520e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	3.2531e+01	-1.3681e+00	4.0730e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	2.3181e+01	-2.2614e+00	6.2709e+00
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	2.7932e+01	-1.0927e+01	2.8737e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	3.6336e+01	-8.9293e+00	1.3783e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	3.5549e+01	-7.1420e+00	3.5232e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	2.5701e+01	-9.3949e+00	5.0186e+00
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	3.1640e+00	1.3157e+01	-8.9787e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	1.8604e+01	-9.0488e+00	-2.6421e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	2.7900e+01	-1.0778e+01	-1.8826e+00
	8	0.0000e+00	0.0000e+00	0.0000e+00	6.6567e+00	-3.4489e+01	-8.2192e+00
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	3.7777e+00	1.8317e+01	-5.9275e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	1.5232e+01	2.8201e-01	-3.9801e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	2.2136e+01	-3.9639e+00	-5.4221e+00
	459	0.0000e+00	0.0000e+00	0.0000e+00	8.0433e-01	-1.9141e+01	-7.3694e+00
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	5.0091e+00	1.9525e+01	-4.0169e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	1.4919e+01	6.7881e+00	-3.2615e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	1.8835e+01	3.4493e+00	-4.9570e+00
	457	0.0000e+00	0.0000e+00	0.0000e+00	2.6171e+00	-5.9271e+00	-5.7124e+00
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	5.7614e+00	1.8437e+01	-2.1337e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	1.5335e+01	1.0520e+01	-1.8088e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	1.7382e+01	8.5997e+00	-3.5706e+00
	455	0.0000e+00	0.0000e+00	0.0000e+00	4.3711e+00	4.1749e+00	-3.8955e+00
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	5.9523e+00	1.5270e+01	-1.6143e-01
	450	0.0000e+00	0.0000e+00	0.0000e+00	1.5985e+01	1.1833e+01	-1.3545e-01

	452	0.0000e+00	0.0000e+00	0.0000e+00	1.6491e+01	1.1313e+01	-1.9252e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	5.4994e+00	1.1423e+01	-1.9512e+00
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	5.6043e+00	9.9130e+00	1.8605e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	1.6813e+01	1.0830e+01	1.6015e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	1.5850e+01	1.1683e+01	-2.0528e-01
	451	0.0000e+00	0.0000e+00	0.0000e+00	6.0446e+00	1.6181e+01	5.3734e-02
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	4.6691e+00	2.0978e+00	3.8614e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	1.7888e+01	7.5029e+00	3.3081e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	1.5393e+01	9.7418e+00	1.4996e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	6.0478e+00	1.8731e+01	2.0529e+00
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	3.1193e+00	-8.5187e+00	5.7626e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	1.9548e+01	1.7899e+00	4.7691e+00
	446	0.0000e+00	0.0000e+00	0.0000e+00	1.5180e+01	5.4042e+00	3.0134e+00
	447	0.0000e+00	0.0000e+00	0.0000e+00	5.4818e+00	1.9192e+01	4.0069e+00
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	1.6074e+00	-2.2137e+01	7.5052e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	2.3205e+01	-6.0584e+00	5.2309e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	1.5764e+01	-1.6735e+00	3.7570e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	4.4573e+00	1.7327e+01	6.0313e+00
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	8.6471e+00	-3.7495e+01	8.3832e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	2.9543e+01	-1.2887e+01	1.3168e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	1.9709e+01	-1.1472e+01	2.2491e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	4.2180e+00	1.1288e+01	9.3155e+00
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	-4.9591e+01	-5.4454e+01	1.8827e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	-9.7952e+01	-1.2860e+01	2.1246e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	-1.2922e+02	-1.4891e+02	1.0323e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	-1.3439e+01	-8.5665e+01	7.9038e+00
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	-4.3548e+01	7.3090e+00	2.1156e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	-5.8218e+01	1.1605e+01	6.8395e+00
	440	0.0000e+00	0.0000e+00	0.0000e+00	-8.0881e+01	-1.9377e+01	1.4923e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	-4.9780e+01	-3.1101e+01	2.9239e+01
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	-2.9961e+01	2.7420e+01	1.3322e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	-3.6670e+01	3.0462e+01	3.4242e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	-4.9843e+01	1.6613e+01	8.7586e+00
	429	0.0000e+00	0.0000e+00	0.0000e+00	-3.6766e+01	9.0834e+00	1.8657e+01
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	-2.1316e+01	3.6343e+01	6.8941e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	-2.5177e+01	3.8927e+01	1.2765e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	-3.2170e+01	3.2476e+01	4.8764e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	-2.5660e+01	2.7926e+01	1.0494e+01
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	-1.7654e+01	3.9303e+01	1.5030e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	-2.0743e+01	4.1857e+01	-4.5868e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	-2.3101e+01	3.9703e+01	2.4123e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	-1.9255e+01	3.6567e+01	4.3740e+00
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	-1.8633e+01	3.7671e+01	-3.7079e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	-2.2326e+01	4.0714e+01	-2.2811e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	-2.0584e+01	4.1967e+01	5.5551e-01
	426	0.0000e+00	0.0000e+00	0.0000e+00	-1.7495e+01	3.9389e+01	-8.7123e-01
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	-2.4219e+01	3.0511e+01	-9.6787e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	-3.0336e+01	3.4859e+01	-4.6521e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	-2.4057e+01	4.0191e+01	-1.1688e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	-2.0352e+01	3.7636e+01	-6.1954e+00
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	-3.4449e+01	1.3875e+01	-1.7537e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-4.6624e+01	2.0997e+01	-8.3424e+00
	434	0.0000e+00	0.0000e+00	0.0000e+00	-3.4404e+01	3.3205e+01	-3.2539e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	-2.8112e+01	3.0243e+01	-1.2449e+01
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	-4.6679e+01	-2.2525e+01	-2.7678e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-7.5688e+01	-1.1483e+01	-1.4170e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-5.4368e+01	1.6595e+01	-6.5016e+00
	423	0.0000e+00	0.0000e+00	0.0000e+00	-4.0733e+01	1.2439e+01	-2.0010e+01
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	-1.4101e+01	-7.1591e+01	-7.9296e+00
	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.1994e+02	-1.3084e+02	-9.9241e+00
	432	0.0000e+00	0.0000e+00	0.0000e+00	-9.1560e+01	-5.1107e+00	-2.0225e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	-4.6508e+01	-4.3947e+01	-1.8231e+01
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	5.2256e+00	-3.8003e+01	1.9943e+01



	430	0.0000e+00	0.0000e+00	0.0000e+00	-3.1663e+01	-4.8328e+01	2.5804e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	-2.2311e+01	-6.9172e+01	1.0205e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	7.7040e+00	-4.8583e+01	4.3439e+00
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	-6.1803e+00	-4.3203e+00	2.2429e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	-2.9682e+01	-7.1835e-01	2.6855e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	-2.3916e+01	-2.3000e+01	2.9750e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	-3.0142e+00	-2.5135e+01	2.5324e+01
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	-9.4031e+00	1.7473e+01	1.6972e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	-2.2338e+01	2.2956e+01	1.5984e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	-2.6137e+01	1.1004e+01	2.3191e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	-7.5969e+00	2.2040e+00	2.4178e+01
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	-8.3292e+00	2.8440e+01	9.4398e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	-1.6714e+01	3.3745e+01	7.7125e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	-2.0131e+01	2.7899e+01	1.4281e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	-8.3990e+00	2.0187e+01	1.6008e+01
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	-7.2326e+00	3.2288e+01	1.6449e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	-1.4194e+01	3.7695e+01	8.4529e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	-1.5568e+01	3.5698e+01	6.7331e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	-7.4718e+00	2.9436e+01	7.5327e+00
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	-7.2052e+00	3.0616e+01	-6.2938e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	-1.5034e+01	3.6731e+01	-5.7832e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	-1.4081e+01	3.7863e+01	5.6403e-02
	415	0.0000e+00	0.0000e+00	0.0000e+00	-7.1285e+00	3.2405e+01	-4.5413e-01
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	-7.8670e+00	2.2917e+01	-1.4660e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	-1.8975e+01	3.0379e+01	-1.3160e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	-1.5948e+01	3.5173e+01	-6.7296e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	-7.8659e+00	2.9891e+01	-8.2298e+00
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	-7.1300e+00	7.0273e+00	-2.2780e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	-2.4516e+01	1.5546e+01	-2.1804e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	-2.0936e+01	2.6036e+01	-1.4769e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	-8.7412e+00	2.0612e+01	-1.5744e+01
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	-3.2240e+00	-1.7631e+01	-2.4528e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	-2.2760e+01	-1.5173e+01	-2.8331e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	-2.7795e+01	4.9340e+00	-2.5218e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	-5.8655e+00	1.2232e+00	-2.1415e+01
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	6.4940e+00	-3.9241e+01	-6.5147e+00
	421	0.0000e+00	0.0000e+00	0.0000e+00	-2.2955e+01	-5.6749e+01	-1.1186e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	-2.9966e+01	-3.8189e+01	-2.4548e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	4.0773e+00	-2.9215e+01	-1.9877e+01
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	2.4390e+01	-2.3398e+01	1.3117e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	6.3980e+00	-3.0759e+01	1.6824e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	1.1866e+01	-4.0311e+01	6.9227e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	2.6404e+01	-2.8051e+01	3.2160e+00
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	1.6209e+01	-6.3608e+00	1.7451e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	-2.3710e-01	-4.6225e+00	2.3780e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	8.3701e+00	-2.1686e+01	2.2233e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	2.0375e+01	-1.6882e+01	1.5904e+01
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	9.6794e+00	9.8263e+00	1.4864e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	-2.7113e+00	1.4718e+01	1.8510e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	1.0240e+00	3.1436e+00	2.2674e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	1.3304e+01	-2.1582e-01	1.9027e+01
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	6.5514e+00	1.9996e+01	8.7574e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	-2.8070e+00	2.5764e+01	1.0172e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	-1.9503e+00	1.9716e+01	1.6218e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	8.5491e+00	1.3500e+01	1.4804e+01
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	5.6915e+00	2.4090e+01	1.3598e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	-2.4444e+00	3.0213e+01	1.6789e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	-2.4176e+00	2.8107e+01	8.0364e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	6.3088e+00	2.1630e+01	7.7173e+00
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	6.2745e+00	2.2788e+01	-6.3344e+00
	414	0.0000e+00	0.0000e+00	0.0000e+00	-2.2501e+00	2.9196e+01	-6.6691e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	-2.3801e+00	3.0418e+01	-3.2125e-01
	404	0.0000e+00	0.0000e+00	0.0000e+00	5.7290e+00	2.4247e+01	1.3446e-02

2148	402	0.0000e+00	0.0000e+00	0.0000e+00	8.4096e+00	1.6109e+01	-1.3506e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	-1.6853e+00	2.2318e+01	-1.4830e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	-2.5119e+00	2.7312e+01	-8.7685e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	6.5626e+00	2.1508e+01	-7.4439e+00
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	1.2823e+01	4.0537e+00	-1.8130e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.0382e+00	7.7342e+00	-2.1451e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	-2.3193e+00	1.7919e+01	-1.7068e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	9.4791e+00	1.2915e+01	-1.3748e+01
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	1.9268e+01	-1.1036e+01	-1.6196e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	7.5901e+00	-1.4620e+01	-2.1888e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	-9.0583e-02	7.1964e-01	-2.2610e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	1.5460e+01	-1.4339e+00	-1.6918e+01
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	2.5103e+01	-2.1611e+01	-5.7111e+00
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.0082e+01	-3.1880e+01	-8.9662e+00
	411	0.0000e+00	0.0000e+00	0.0000e+00	5.7390e+00	-2.2889e+01	-1.7116e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	2.2876e+01	-1.7006e+01	-1.3861e+01
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	3.4673e+01	-1.4146e+01	8.2922e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	2.5274e+01	-1.8991e+01	1.0697e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	2.8526e+01	-2.3436e+01	4.7621e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	3.6274e+01	-1.6519e+01	2.3577e+00
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	2.9051e+01	-4.8723e+00	1.1770e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	1.9047e+01	-4.9080e+00	1.6694e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	2.5615e+01	-1.4576e+01	1.4684e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	3.2422e+01	-1.0628e+01	9.7597e+00
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	2.3071e+01	5.6883e+00	1.0701e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	1.3943e+01	8.8932e+00	1.5050e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	1.9215e+01	2.6839e-01	1.7073e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	2.6574e+01	-5.3640e-01	1.2725e+01
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	1.9012e+01	1.3492e+01	6.5672e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	1.1101e+01	1.8191e+01	9.1774e+00
	406	0.0000e+00	0.0000e+00	0.0000e+00	1.3945e+01	1.2839e+01	1.3501e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	2.1437e+01	8.9701e+00	1.0891e+01
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	1.7396e+01	1.7071e+01	9.6370e-01
	404	0.0000e+00	0.0000e+00	0.0000e+00	1.0198e+01	2.2287e+01	1.8409e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	1.1078e+01	2.0280e+01	7.0339e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	1.8286e+01	1.5205e+01	6.1567e+00
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	1.8099e+01	1.6246e+01	-4.9077e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.0971e+01	2.1358e+01	-5.6278e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	1.0230e+01	2.2495e+01	-3.9936e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	1.7387e+01	1.7246e+01	3.2079e-01
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	2.1010e+01	1.1252e+01	-9.8671e+00
	402	0.0000e+00	0.0000e+00	0.0000e+00	1.3654e+01	1.5324e+01	-1.2256e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.1059e+01	1.9707e+01	-7.7780e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	1.8784e+01	1.4905e+01	-5.3893e+00
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	2.5852e+01	2.9490e+00	-1.2278e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	1.8552e+01	4.3224e+00	-1.6313e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	1.3724e+01	1.1861e+01	-1.3869e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	2.2537e+01	8.3923e+00	-9.8352e+00
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	3.1432e+01	-6.2755e+00	-1.0441e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	2.4525e+01	-9.0933e+00	-1.5065e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	1.8473e+01	-3.8918e-01	-1.6200e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	2.8151e+01	-9.5813e-01	-1.1576e+01
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	3.5549e+01	-1.2211e+01	-4.6964e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	2.7117e+01	-1.7593e+01	-7.1025e+00
	400	0.0000e+00	0.0000e+00	0.0000e+00	2.4268e+01	-1.3272e+01	-1.1671e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	3.3541e+01	-9.5995e+00	-9.2650e+00
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	4.0179e+01	-8.7682e+00	4.7758e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	3.5293e+01	-1.1595e+01	6.5268e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	3.7449e+01	-1.3941e+01	3.1977e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	4.1557e+01	-1.0170e+01	1.4467e+00
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	3.6090e+01	-3.1977e+00	6.9048e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	3.0457e+01	-3.5518e+00	1.0543e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	3.5077e+01	-9.1939e+00	9.0808e+00

	386	0.0000e+00	0.0000e+00	0.0000e+00	3.8813e+01	-6.6507e+00	5.4429e+00
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	3.1333e+01	3.7335e+00	6.5086e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	2.5547e+01	5.5803e+00	1.0258e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	3.0127e+01	-2.8918e-01	1.1170e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	3.4319e+01	-2.5020e-01	7.4208e+00
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	2.7681e+01	9.3714e+00	4.1034e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	2.2142e+01	1.2515e+01	6.7208e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	2.5200e+01	8.3873e+00	9.3715e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	2.9906e+01	6.2780e+00	6.7540e+00
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	2.6055e+01	1.2200e+01	5.9973e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	2.0821e+01	1.5821e+01	1.5791e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	2.1929e+01	1.4142e+01	5.0723e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	2.6924e+01	1.0839e+01	4.0930e+00
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	2.6699e+01	1.1727e+01	-3.0780e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	2.1700e+01	1.5124e+01	-3.8396e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	2.0835e+01	1.6008e+01	-2.8903e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	2.6027e+01	1.2368e+01	4.7256e-01
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	2.9446e+01	8.1780e+00	-5.9938e+00
	391	0.0000e+00	0.0000e+00	0.0000e+00	2.4723e+01	1.0559e+01	-8.3867e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	2.1947e+01	1.3872e+01	-5.5334e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	2.7391e+01	1.0598e+01	-3.1405e+00
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	3.3689e+01	2.5029e+00	-7.1901e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	2.9396e+01	3.0086e+00	-1.0745e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	2.5121e+01	8.1050e+00	-9.4076e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	3.0788e+01	5.9593e+00	-5.8523e+00
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	3.8199e+01	-3.4565e+00	-6.0759e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	3.4256e+01	-5.1355e+00	-9.6750e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	2.9809e+01	-4.3612e-04	-1.0422e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	3.5382e+01	-1.9994e-01	-6.8224e+00
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	4.1461e+01	-7.3107e+00	-3.2005e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	3.6835e+01	-1.0041e+01	-5.2517e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	3.4583e+01	-7.5359e+00	-7.6179e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	3.9573e+01	-5.5765e+00	-5.5667e+00
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	4.2518e+01	-6.0315e+00	2.0556e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	4.0512e+01	-7.4241e+00	3.4779e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	4.2117e+01	-8.8484e+00	1.8790e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	4.3784e+01	-7.0721e+00	4.5665e-01
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	3.9279e+01	-2.0453e+00	2.9687e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	3.6764e+01	-2.3505e+00	5.7756e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	4.0071e+01	-5.8759e+00	4.9494e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	4.1638e+01	-4.5437e+00	2.1425e+00
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	3.5494e+01	3.0153e+00	2.8772e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	3.2630e+01	3.8608e+00	5.9240e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	3.6198e+01	-1.3173e-01	6.2341e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	3.8075e+01	9.9208e-02	3.1873e+00
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	3.2483e+01	7.2919e+00	1.8690e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	2.9501e+01	8.9328e+00	4.1292e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	3.2115e+01	5.8901e+00	5.4156e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	3.4431e+01	4.9815e+00	3.1555e+00
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	3.1099e+01	9.5335e+00	2.9900e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	2.8186e+01	1.1488e+01	1.1846e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	2.9201e+01	1.0168e+01	3.0192e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	3.1871e+01	8.4863e+00	2.1336e+00
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	3.1661e+01	9.2362e+00	-1.3518e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	2.8956e+01	1.1016e+01	-2.0237e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	2.8192e+01	1.1647e+01	-1.3393e-01
	371	0.0000e+00	0.0000e+00	0.0000e+00	3.1069e+01	9.6823e+00	5.3794e-01
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	3.4026e+01	6.5597e+00	-2.5809e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	3.1655e+01	7.7017e+00	-4.6569e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	2.9276e+01	1.0088e+01	-3.1929e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	3.2215e+01	8.3288e+00	-1.1169e+00
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	3.7594e+01	2.3061e+00	-2.9915e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	3.5618e+01	2.4722e+00	-5.9453e+00

	380	0.0000e+00	0.0000e+00	0.0000e+00	3.2210e+01	5.9298e+00	-5.3089e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	3.5041e+01	4.8348e+00	-2.3551e+00
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	4.1319e+01	-2.1182e+00	-2.4908e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	3.9618e+01	-2.8993e+00	-5.4064e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	3.6263e+01	3.8834e-01	-5.7503e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	3.8789e+01	2.8872e-01	-2.8347e+00
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	4.4056e+01	-5.0922e+00	-1.4428e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	4.2155e+01	-6.2653e+00	-3.2976e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	4.0186e+01	-4.5436e+00	-4.3109e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	4.2281e+01	-3.7083e+00	-2.4561e+00
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	4.1856e+01	-5.2190e+00	-2.4450e-01
	375	0.0000e+00	0.0000e+00	0.0000e+00	4.2470e+01	-5.5479e+00	1.0315e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	4.3777e+01	-6.6361e+00	6.8775e-01
	365	0.0000e+00	0.0000e+00	0.0000e+00	4.3124e+01	-6.2838e+00	-5.8822e-01
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	3.8990e+01	-1.4388e+00	-3.6536e-01
	374	0.0000e+00	0.0000e+00	0.0000e+00	3.9345e+01	-1.6706e+00	2.0298e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	4.1867e+01	-4.2821e+00	1.6967e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	4.1302e+01	-3.8538e+00	-6.9846e-01
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	3.5821e+01	3.1098e+00	-2.1339e-01
	373	0.0000e+00	0.0000e+00	0.0000e+00	3.5825e+01	3.1553e+00	2.3516e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	3.8608e+01	1.1331e-01	2.2035e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	3.8215e+01	4.5230e-01	-3.6148e-01
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	3.3365e+01	6.8541e+00	-3.1645e-02
	372	0.0000e+00	0.0000e+00	0.0000e+00	3.3098e+01	7.1810e+00	1.8726e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	3.5207e+01	4.7834e+00	2.0146e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	3.5101e+01	4.8288e+00	1.1041e-01
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	3.2255e+01	8.8010e+00	6.3945e-02
	371	0.0000e+00	0.0000e+00	0.0000e+00	3.1912e+01	9.2496e+00	8.1684e-01
	372	0.0000e+00	0.0000e+00	0.0000e+00	3.2755e+01	8.1766e+00	1.1835e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	3.2932e+01	7.8985e+00	4.3063e-01
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	3.2742e+01	8.5475e+00	1.4617e-01
	370	0.0000e+00	0.0000e+00	0.0000e+00	3.2535e+01	8.9005e+00	-4.1539e-01
	371	0.0000e+00	0.0000e+00	0.0000e+00	3.1913e+01	9.3854e+00	-8.1615e-03
	360	0.0000e+00	0.0000e+00	0.0000e+00	3.2231e+01	8.9314e+00	5.5339e-01
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	3.4740e+01	6.1893e+00	3.3210e-01
	369	0.0000e+00	0.0000e+00	0.0000e+00	3.4814e+01	6.2964e+00	-1.4197e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	3.2886e+01	8.1621e+00	-1.1573e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	3.3133e+01	7.7490e+00	5.9459e-01
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	3.7797e+01	2.3368e+00	5.9566e-01
	368	0.0000e+00	0.0000e+00	0.0000e+00	3.8170e+01	2.2133e+00	-1.9172e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	3.5457e+01	4.8727e+00	-1.8731e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	3.5438e+01	4.6618e+00	6.3970e-01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	4.1051e+01	-1.8216e+00	6.9394e-01
	367	0.0000e+00	0.0000e+00	0.0000e+00	4.1633e+01	-2.0028e+00	-1.8447e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	3.8967e+01	5.1810e-01	-1.9361e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	3.8594e+01	5.1818e-01	6.0245e-01
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	4.3391e+01	-4.7090e+00	3.6337e-01
	366	0.0000e+00	0.0000e+00	0.0000e+00	4.4115e+01	-4.8296e+00	-1.3465e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	4.2353e+01	-3.3850e+00	-1.4365e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	4.1702e+01	-3.3272e+00	2.7335e-01
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	3.7145e+01	-5.9157e+00	-2.4183e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	4.1195e+01	-5.4891e+00	-1.1245e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	4.2370e+01	-6.6342e+00	-3.9582e-01
	354	0.0000e+00	0.0000e+00	0.0000e+00	3.8581e+01	-7.6516e+00	-1.6896e+00
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	3.4362e+01	-9.4166e-01	-3.4142e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	3.8219e+01	-1.4807e+00	-1.0800e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	4.0399e+01	-4.0647e+00	-1.1559e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	3.6892e+01	-4.4534e+00	-3.4900e+00
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	3.1699e+01	4.1179e+00	-2.8290e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	3.5030e+01	3.2213e+00	-5.6491e-01
	363	0.0000e+00	0.0000e+00	0.0000e+00	3.7368e+01	3.2202e-01	-1.2578e+00
	352	0.0000e+00	0.0000e+00	0.0000e+00	3.3931e+01	7.9857e-01	-3.5219e+00
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	2.9828e+01	7.8736e+00	-1.5443e+00

	361	0.0000e+00	0.0000e+00	0.0000e+00	3.2674e+01	6.9639e+00	3.0685e-02
	362	0.0000e+00	0.0000e+00	0.0000e+00	3.4405e+01	4.7352e+00	-8.7057e-01
	351	0.0000e+00	0.0000e+00	0.0000e+00	3.1276e+01	5.6116e+00	-2.4456e+00
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	2.9018e+01	9.6955e+00	-8.8271e-02
	360	0.0000e+00	0.0000e+00	0.0000e+00	3.1667e+01	8.8228e+00	5.2387e-01
	361	0.0000e+00	0.0000e+00	0.0000e+00	3.2358e+01	7.8450e+00	-3.7475e-01
	350	0.0000e+00	0.0000e+00	0.0000e+00	2.9562e+01	8.7531e+00	-9.8689e-01
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	2.9384e+01	9.3508e+00	1.3775e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	3.2161e+01	8.4771e+00	9.4089e-01
	360	0.0000e+00	0.0000e+00	0.0000e+00	3.1666e+01	8.9430e+00	6.8105e-02
	349	0.0000e+00	0.0000e+00	0.0000e+00	2.8998e+01	9.7990e+00	5.0475e-01
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	3.0921e+01	6.8630e+00	2.7599e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	3.4050e+01	6.0515e+00	1.3325e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	3.2475e+01	7.8257e+00	4.9891e-01
	348	0.0000e+00	0.0000e+00	0.0000e+00	2.9614e+01	8.6662e+00	1.9264e+00
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	3.3460e+01	2.5673e+00	3.7556e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	3.6958e+01	2.1376e+00	1.5695e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	3.4678e+01	4.7283e+00	9.5291e-01
	347	0.0000e+00	0.0000e+00	0.0000e+00	3.1328e+01	5.5206e+00	3.1390e+00
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	3.6447e+01	-2.4768e+00	3.7251e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	4.0136e+01	-2.1194e+00	1.3246e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	3.7827e+01	4.3720e-01	1.2799e+00
	346	0.0000e+00	0.0000e+00	0.0000e+00	3.3911e+01	8.8315e-01	3.6804e+00
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	3.8447e+01	-6.1128e+00	2.0773e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	4.2609e+01	-5.1506e+00	4.4917e-01
	356	0.0000e+00	0.0000e+00	0.0000e+00	4.0996e+01	-3.6282e+00	1.1409e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	3.6773e+01	-4.0368e+00	2.7691e+00
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	2.5701e+01	-9.3952e+00	-5.0187e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	3.5549e+01	-7.1422e+00	-3.5233e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	3.6336e+01	-8.9295e+00	-1.3784e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	2.7932e+01	-1.0927e+01	-2.8738e+00
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	2.3181e+01	-2.2616e+00	-6.2711e+00
	352	0.0000e+00	0.0000e+00	0.0000e+00	3.2531e+01	-1.3683e+00	-4.0731e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	3.3817e+01	-5.1102e+00	-4.3521e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	2.6331e+01	-3.6640e+00	-6.5501e+00
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	2.1709e+01	4.5053e+00	-4.6996e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	2.9611e+01	4.2082e+00	-3.0619e+00
	352	0.0000e+00	0.0000e+00	0.0000e+00	3.1133e+01	5.2183e-01	-4.6753e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	2.3493e+01	3.4220e+00	-6.3129e+00
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	2.0883e+01	9.1345e+00	-2.4511e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	2.7742e+01	8.1062e+00	-1.4548e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	2.8817e+01	5.5477e+00	-3.4188e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	2.1819e+01	8.4116e+00	-4.4150e+00
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	2.0558e+01	1.1497e+01	-8.3665e-02
	349	0.0000e+00	0.0000e+00	0.0000e+00	2.6953e+01	9.8769e+00	3.0124e-01
	350	0.0000e+00	0.0000e+00	0.0000e+00	2.7379e+01	8.8314e+00	-1.6986e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	2.0909e+01	1.1174e+01	-2.0835e+00
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	2.0726e+01	1.1612e+01	2.2823e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	2.7211e+01	9.4106e+00	2.0567e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	2.6933e+01	9.9808e+00	7.4745e-02
	333	0.0000e+00	0.0000e+00	0.0000e+00	2.0548e+01	1.1707e+01	3.0027e-01
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	2.1444e+01	9.4762e+00	4.5605e+00
	347	0.0000e+00	0.0000e+00	0.0000e+00	2.8478e+01	6.7631e+00	3.7141e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	2.7530e+01	8.8878e+00	1.7918e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	2.0683e+01	9.9842e+00	2.6383e+00
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	2.2915e+01	5.0559e+00	6.4207e+00
	346	0.0000e+00	0.0000e+00	0.0000e+00	3.0669e+01	2.2439e+00	4.9162e+00
	347	0.0000e+00	0.0000e+00	0.0000e+00	2.9220e+01	5.6085e+00	3.3229e+00
	329	0.0000e+00	0.0000e+00	0.0000e+00	2.1327e+01	5.9540e+00	4.8274e+00
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	2.5519e+01	-1.5795e+00	6.7730e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	3.3335e+01	-3.1738e+00	4.6711e+00
	346	0.0000e+00	0.0000e+00	0.0000e+00	3.1993e+01	5.0033e-01	4.2786e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	2.2618e+01	-3.1610e-01	6.3805e+00

2211	324	0.0000e+00	0.0000e+00	0.0000e+00	2.7004e+01	-8.6896e+00	3.6325e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	3.6102e+01	-7.3844e+00	2.0641e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	3.4997e+01	-5.1572e+00	3.7931e+00
	325	0.0000e+00	0.0000e+00	0.0000e+00	2.4943e+01	-7.2785e+00	5.3615e+00
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	4.2178e+00	1.1288e+01	-9.3155e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	1.9709e+01	-1.1473e+01	-2.2492e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	2.9543e+01	-1.2888e+01	-1.3169e+00
	5	0.0000e+00	0.0000e+00	0.0000e+00	8.6468e+00	-3.7496e+01	-8.3832e+00
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	4.4572e+00	1.7327e+01	-6.0315e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	1.5764e+01	-1.6737e+00	-3.7571e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	2.3205e+01	-6.0587e+00	-5.2310e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	1.6073e+00	-2.2138e+01	-7.5053e+00
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	5.4817e+00	1.9192e+01	-4.0071e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	1.5180e+01	5.4041e+00	-3.0135e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	1.9548e+01	1.7897e+00	-4.7692e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	3.1192e+00	-8.5190e+00	-5.7628e+00
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	6.0478e+00	1.8731e+01	-2.0530e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	1.5393e+01	9.7418e+00	-1.4997e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	1.7888e+01	7.5028e+00	-3.3082e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	4.6690e+00	2.0975e+00	-3.8616e+00
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	6.0447e+00	1.6181e+01	-5.3848e-02
	333	0.0000e+00	0.0000e+00	0.0000e+00	1.5850e+01	1.1683e+01	2.0515e-01
	335	0.0000e+00	0.0000e+00	0.0000e+00	1.6813e+01	1.0830e+01	-1.6016e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	5.6044e+00	9.9128e+00	-1.8606e+00
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	5.4995e+00	1.1423e+01	1.9511e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	1.6491e+01	1.1313e+01	1.9251e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	1.5985e+01	1.1833e+01	1.3533e-01
	334	0.0000e+00	0.0000e+00	0.0000e+00	5.9524e+00	1.5270e+01	1.6132e-01
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	4.3713e+00	4.1755e+00	3.8955e+00
	329	0.0000e+00	0.0000e+00	0.0000e+00	1.7382e+01	8.5999e+00	3.5705e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	1.5336e+01	1.0520e+01	1.8087e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	5.7616e+00	1.8437e+01	2.1336e+00
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	2.6175e+00	-5.9263e+00	5.7124e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	1.8836e+01	3.4497e+00	4.9570e+00
	329	0.0000e+00	0.0000e+00	0.0000e+00	1.4919e+01	6.7884e+00	3.2614e+00
	330	0.0000e+00	0.0000e+00	0.0000e+00	5.0093e+00	1.9525e+01	4.0169e+00
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	8.0484e-01	-1.9140e+01	7.3695e+00
	325	0.0000e+00	0.0000e+00	0.0000e+00	2.2136e+01	-3.9633e+00	5.4221e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	1.5232e+01	2.8245e-01	3.9801e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	3.7781e+00	1.8317e+01	5.9275e+00
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	6.6576e+00	-3.4487e+01	8.2193e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	2.7900e+01	-1.0777e+01	1.8827e+00
	325	0.0000e+00	0.0000e+00	0.0000e+00	1.8604e+01	-9.0481e+00	2.6422e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	3.1645e+00	1.3157e+01	8.9789e+00
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	-4.6519e+01	-4.3418e+01	1.8234e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	-9.1563e+01	-4.6211e+00	2.0249e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	-1.1990e+02	-1.3032e+02	9.9809e+00
	314	0.0000e+00	0.0000e+00	0.0000e+00	-1.4111e+01	-7.1172e+01	7.9658e+00
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	-4.0798e+01	1.3013e+01	1.9995e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	-5.4442e+01	1.7174e+01	6.5369e+00
	323	0.0000e+00	0.0000e+00	0.0000e+00	-7.5710e+01	-1.0941e+01	1.4208e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-4.6693e+01	-2.1983e+01	2.7666e+01
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	-2.8280e+01	3.0814e+01	1.2412e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	-3.4591e+01	3.3786e+01	3.2983e+00
	322	0.0000e+00	0.0000e+00	0.0000e+00	-4.6725e+01	2.1595e+01	8.3929e+00
	312	0.0000e+00	0.0000e+00	0.0000e+00	-3.4541e+01	1.4470e+01	1.7507e+01
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	-2.0684e+01	3.8081e+01	6.1243e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	-2.4423e+01	4.0656e+01	1.2188e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	-3.0572e+01	3.5438e+01	4.7155e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	-2.4436e+01	3.1083e+01	9.6210e+00
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	-1.8067e+01	3.9511e+01	7.4641e-01
	319	0.0000e+00	0.0000e+00	0.0000e+00	-2.1220e+01	4.2127e+01	-5.0739e-01
	320	0.0000e+00	0.0000e+00	0.0000e+00	-2.2772e+01	4.1141e+01	2.3545e+00

	310	0.0000e+00	0.0000e+00	0.0000e+00	-1.9046e+01	3.8084e+01	3.6083e+00
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	-2.0164e+01	3.6063e+01	-4.5807e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	-2.4134e+01	3.9265e+01	-2.3803e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	-2.1505e+01	4.1919e+01	5.3552e-01
	309	0.0000e+00	0.0000e+00	0.0000e+00	-1.8352e+01	3.9343e+01	-1.6649e+00
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	-2.7019e+01	2.6330e+01	-1.0826e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-3.3781e+01	3.1003e+01	-4.8859e+00
	318	0.0000e+00	0.0000e+00	0.0000e+00	-2.6400e+01	3.8303e+01	-1.2069e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	-2.2410e+01	3.5684e+01	-7.1474e+00
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	-3.8683e+01	5.6606e+00	-1.9185e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-5.2305e+01	1.3426e+01	-8.8611e+00
	317	0.0000e+00	0.0000e+00	0.0000e+00	-3.8565e+01	2.8667e+01	-3.3824e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	-3.1586e+01	2.5575e+01	-1.3706e+01
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	-5.2207e+01	-3.7665e+01	-3.0045e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-8.4725e+01	-2.5530e+01	-1.5192e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-6.1127e+01	7.8702e+00	-6.8554e+00
	306	0.0000e+00	0.0000e+00	0.0000e+00	-4.5826e+01	3.4836e+00	-2.1708e+01
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	-1.3016e+01	-9.6451e+01	-7.6243e+00
	13	0.0000e+00	0.0000e+00	0.0000e+00	-1.3561e+02	-1.6250e+02	-1.0581e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-1.0254e+02	-1.8801e+01	-2.1843e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	-5.2061e+01	-6.2532e+01	-1.8886e+01
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	4.0823e+00	-2.8740e+01	1.9843e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-2.9974e+01	-3.7673e+01	2.4543e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	-2.2928e+01	-5.6343e+01	1.1205e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	6.5229e+00	-3.8842e+01	6.5044e+00
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	-5.9027e+00	1.7582e+00	2.1331e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	-2.7853e+01	5.5071e+00	2.5172e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-2.2776e+01	-1.4642e+01	2.8318e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	-3.2266e+00	-1.7127e+01	2.4477e+01
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	-8.8529e+00	2.1125e+01	1.5591e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	-2.1090e+01	2.6604e+01	1.4680e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	-2.4593e+01	1.6129e+01	2.1759e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	-7.1893e+00	7.5770e+00	2.2671e+01
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	-8.0940e+00	3.0255e+01	7.9832e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	-1.6251e+01	3.5615e+01	6.5752e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	-1.9166e+01	3.0931e+01	1.3068e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	-8.0209e+00	2.3424e+01	1.4476e+01
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	-7.5142e+00	3.2418e+01	8.5830e-02
	309	0.0000e+00	0.0000e+00	0.0000e+00	-1.4599e+01	3.7986e+01	-3.0381e-01
	310	0.0000e+00	0.0000e+00	0.0000e+00	-1.5401e+01	3.7113e+01	5.6227e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	-7.4991e+00	3.0936e+01	6.0124e+00
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	-8.0422e+00	2.8794e+01	-8.0500e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	-1.6376e+01	3.5207e+01	-7.1095e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	-1.4810e+01	3.7684e+01	-1.1059e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	-7.7100e+00	3.2199e+01	-2.0463e+00
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	-9.1296e+00	1.8445e+01	-1.6684e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	-2.1285e+01	2.6353e+01	-1.4829e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	-1.7660e+01	3.2999e+01	-8.1165e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	-9.0112e+00	2.7604e+01	-9.9710e+00
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	-8.3108e+00	-1.2620e+00	-2.4937e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	-2.7603e+01	7.7314e+00	-2.3940e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	-2.3672e+01	2.0949e+01	-1.6594e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	-1.0230e+01	1.5385e+01	-1.7591e+01
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	-3.4399e+00	-3.1024e+01	-2.5713e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	-2.5073e+01	-2.9079e+01	-3.0519e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	-3.1373e+01	-4.8797e+00	-2.7767e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	-6.8388e+00	-8.3876e+00	-2.2962e+01
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	9.1023e+00	-5.6984e+01	-2.9979e+00
	206	0.0000e+00	0.0000e+00	0.0000e+00	-2.3594e+01	-7.9181e+01	-9.6488e+00
	305	0.0000e+00	0.0000e+00	0.0000e+00	-3.3221e+01	-5.5922e+01	-2.6342e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	5.3054e+00	-4.5036e+01	-1.9691e+01
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	2.2908e+01	-1.6585e+01	1.3802e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	5.7550e+00	-2.2425e+01	1.7076e+01

	304	0.0000e+00	0.0000e+00	0.0000e+00	1.0126e+01	-3.1492e+01	8.9593e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	2.5144e+01	-2.1248e+01	5.6861e+00
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	1.5464e+01	-9.7365e-01	1.6785e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	-1.1159e-01	1.2406e+00	2.2505e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	7.6060e+00	-1.4134e+01	2.1835e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	1.9291e+01	-1.0593e+01	1.6115e+01
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	9.4361e+00	1.3331e+01	1.3516e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	-2.4053e+00	1.8417e+01	1.6877e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	1.0062e+00	8.2578e+00	2.1330e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	1.2808e+01	4.5197e+00	1.7969e+01
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	6.4534e+00	2.1750e+01	7.0873e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	-2.6954e+00	2.7661e+01	8.4651e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	-1.7968e+00	2.2788e+01	1.4617e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	8.3356e+00	1.6505e+01	1.3240e+01
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	5.5428e+00	2.4123e+01	-5.1298e-01
	299	0.0000e+00	0.0000e+00	0.0000e+00	-2.6897e+00	3.0421e+01	-1.2147e-01
	300	0.0000e+00	0.0000e+00	0.0000e+00	-2.4783e+00	2.9467e+01	6.3352e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	6.1216e+00	2.2968e+01	5.9437e+00
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	6.0611e+00	2.0868e+01	-8.3526e+00
	298	0.0000e+00	0.0000e+00	0.0000e+00	-2.8594e+00	2.7471e+01	-8.6342e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	-2.8214e+00	3.0060e+01	-2.1636e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	5.4547e+00	2.3839e+01	-1.8820e+00
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	8.3073e+00	1.1740e+01	-1.5498e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	-2.4673e+00	1.8021e+01	-1.6943e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	-3.3413e+00	2.4853e+01	-1.0824e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	6.2646e+00	1.9007e+01	-9.3793e+00
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	1.3223e+01	-3.3663e+00	-1.9532e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	6.1764e-01	-1.9042e-01	-2.3363e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	-3.3467e+00	1.2581e+01	-1.9293e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	9.4547e+00	7.6914e+00	-1.5462e+01
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	2.0578e+01	-2.1666e+01	-1.5638e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	8.5136e+00	-2.7266e+01	-2.2380e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	-7.8392e-01	-8.5955e+00	-2.4466e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	1.6268e+01	-1.0061e+01	-1.7724e+01
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	2.7556e+01	-3.4045e+01	-1.1625e+00
	195	0.0000e+00	0.0000e+00	0.0000e+00	1.2063e+01	-4.8189e+01	-5.3095e+00
	295	0.0000e+00	0.0000e+00	0.0000e+00	6.3250e+00	-3.7027e+01	-1.6527e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	2.4923e+01	-2.8939e+01	-1.2380e+01
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	3.3586e+01	-9.2459e+00	9.1932e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	2.4307e+01	-1.2866e+01	1.1608e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	2.7173e+01	-1.7246e+01	7.0828e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	3.5594e+01	-1.1898e+01	4.6681e+00
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	2.8182e+01	-5.9180e-01	1.1415e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	1.8492e+01	4.9943e-02	1.6055e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	2.4568e+01	-8.6747e+00	1.4983e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	3.1470e+01	-5.9098e+00	1.0344e+01
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	2.2544e+01	8.6901e+00	9.5598e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	1.3707e+01	1.2252e+01	1.3615e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	1.8566e+01	4.7548e+00	1.6141e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	2.5868e+01	3.3098e+00	1.2086e+01
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	1.8757e+01	1.5013e+01	4.9783e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	1.0992e+01	1.9924e+01	7.3891e+00
	291	0.0000e+00	0.0000e+00	0.0000e+00	1.3621e+01	1.5677e+01	1.1966e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	2.0994e+01	1.1516e+01	9.5553e+00
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	1.7327e+01	1.6994e+01	-8.7013e-01
	289	0.0000e+00	0.0000e+00	0.0000e+00	1.0111e+01	2.2351e+01	-1.3657e-01
	290	0.0000e+00	0.0000e+00	0.0000e+00	1.0874e+01	2.1488e+01	5.1956e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	1.8045e+01	1.6278e+01	4.4620e+00
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	1.8212e+01	1.4374e+01	-6.8047e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	1.0930e+01	1.9514e+01	-7.6964e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	1.0030e+01	2.1987e+01	-2.4255e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	1.7312e+01	1.6681e+01	-1.5338e+00
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	2.1384e+01	7.3159e+00	-1.1511e+01



	287	0.0000e+00	0.0000e+00	0.0000e+00	1.3838e+01	1.1116e+01	-1.4190e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	1.0882e+01	1.7178e+01	-9.8812e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	1.8931e+01	1.2439e+01	-7.2015e+00
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	2.6588e+01	-3.2084e+00	-1.3036e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	1.9262e+01	-2.7674e+00	-1.7525e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	1.3737e+01	6.8225e+00	-1.5733e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	2.3053e+01	3.7133e+00	-1.1244e+01
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	3.2431e+01	-1.4297e+01	-9.2788e+00
	285	0.0000e+00	0.0000e+00	0.0000e+00	2.5957e+01	-1.9103e+01	-1.4368e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	1.8963e+01	-8.3585e+00	-1.7010e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	2.9153e+01	-7.9289e+00	-1.1921e+01
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	3.6445e+01	-2.0688e+01	-4.6888e-01
	184	0.0000e+00	0.0000e+00	0.0000e+00	2.8519e+01	-2.9050e+01	-2.8222e+00
	285	0.0000e+00	0.0000e+00	0.0000e+00	2.5419e+01	-2.3825e+01	-9.8778e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	3.4796e+01	-1.8204e+01	-7.5246e+00
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	3.9611e+01	-5.3012e+00	5.4904e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	3.4631e+01	-7.2037e+00	7.5448e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	3.6893e+01	-9.7469e+00	5.2286e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	4.1495e+01	-7.0591e+00	3.1742e+00
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	3.5411e+01	6.0716e-02	6.6478e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	2.9849e+01	3.3776e-01	1.0254e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	3.4309e+01	-4.7977e+00	9.5773e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	3.8230e+01	-3.1796e+00	5.9711e+00
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	3.0801e+01	6.1286e+00	5.5539e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	2.5144e+01	8.3690e+00	9.1185e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	2.9435e+01	3.3328e+00	1.0544e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	3.3706e+01	2.7473e+00	6.9798e+00
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	2.7381e+01	1.0567e+01	2.7021e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	2.1949e+01	1.3943e+01	5.1030e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	2.4735e+01	1.0779e+01	8.0557e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	2.9441e+01	8.3038e+00	5.6548e+00
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	2.5989e+01	1.1998e+01	-1.0448e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	2.0817e+01	1.5724e+01	-2.8231e-01
	280	0.0000e+00	0.0000e+00	0.0000e+00	2.1677e+01	1.5111e+01	3.3619e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	2.6668e+01	1.1615e+01	2.5994e+00
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	2.6854e+01	9.9681e+00	-4.7490e+00
	278	0.0000e+00	0.0000e+00	0.0000e+00	2.1905e+01	1.3295e+01	-5.7407e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	2.0759e+01	1.5399e+01	-2.1942e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	2.5998e+01	1.1697e+01	-1.2026e+00
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	2.9789e+01	4.7585e+00	-7.3693e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	2.5192e+01	6.7533e+00	-1.0010e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	2.2050e+01	1.1473e+01	-7.4085e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	2.7601e+01	8.3112e+00	-4.7674e+00
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	3.4097e+01	-2.4763e+00	-7.7664e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	3.0132e+01	-2.8747e+00	-1.1520e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	2.5437e+01	3.7089e+00	-1.0849e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	3.1217e+01	1.9799e+00	-7.0950e+00
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	3.8298e+01	-9.4381e+00	-5.1881e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	3.5016e+01	-1.2671e+01	-8.7233e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	3.0314e+01	-6.3592e+00	-1.0714e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	3.5864e+01	-5.6461e+00	-7.1791e+00
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	4.0641e+01	-1.3028e+01	-2.2473e-01
	173	0.0000e+00	0.0000e+00	0.0000e+00	3.6724e+01	-1.7836e+01	-1.5817e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	3.5008e+01	-1.5140e+01	-5.7446e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	3.9617e+01	-1.1698e+01	-4.3876e+00
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	4.2285e+01	-3.5201e+00	2.3750e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	4.0221e+01	-4.2957e+00	4.2336e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	4.2198e+01	-6.0344e+00	3.2744e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	4.4059e+01	-4.9091e+00	1.4159e+00
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	3.8779e+01	4.3435e-01	2.6476e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	3.6293e+01	6.1386e-01	5.5696e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	3.9657e+01	-2.6523e+00	5.2997e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	4.1312e+01	-1.9379e+00	2.3777e+00

2274	261	0.0000e+00	0.0000e+00	0.0000e+00	3.5009e+01	4.8666e+00	2.0361e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	3.2227e+01	6.0568e+00	4.9985e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	3.5646e+01	2.6784e+00	5.7262e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	3.7569e+01	2.4264e+00	2.7638e+00
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	3.2149e+01	8.1528e+00	6.4973e-01
	270	0.0000e+00	0.0000e+00	0.0000e+00	2.9274e+01	1.0012e+01	2.7358e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	3.1660e+01	7.7839e+00	4.3005e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	3.3973e+01	6.5417e+00	2.2145e+00
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	3.0955e+01	9.1862e+00	-1.1488e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	2.8165e+01	1.1233e+01	-4.6518e-01
	270	0.0000e+00	0.0000e+00	0.0000e+00	2.8929e+01	1.0862e+01	1.5178e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	3.1570e+01	8.9790e+00	8.3415e-01
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	3.1680e+01	7.5558e+00	-2.8493e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	2.9138e+01	9.2656e+00	-3.7152e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	2.8114e+01	1.0959e+01	-1.8240e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	3.0956e+01	8.9206e+00	-9.5803e-01
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	3.4105e+01	3.5377e+00	-3.8870e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	3.1982e+01	4.3690e+00	-6.0984e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	2.9365e+01	7.8850e+00	-4.8359e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	3.2259e+01	6.2142e+00	-2.6245e+00
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	3.7495e+01	-1.8389e+00	-3.7877e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	3.5902e+01	-2.3093e+00	-6.7060e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	3.2384e+01	2.1899e+00	-6.5539e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	3.5123e+01	1.4180e+00	-3.6355e+00
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	4.0564e+01	-6.7782e+00	-2.4218e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	3.9418e+01	-8.5422e+00	-4.9309e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	3.6301e+01	-4.6236e+00	-6.0930e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	3.8617e+01	-4.0845e+00	-3.5839e+00
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	4.1953e+01	-9.1431e+00	-2.2979e-01
	162	0.0000e+00	0.0000e+00	0.0000e+00	4.0585e+01	-1.1534e+01	-1.0408e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	3.9611e+01	-1.0032e+01	-3.1462e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	4.1290e+01	-8.2499e+00	-2.3352e+00
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	4.1640e+01	-3.2332e+00	-3.6887e-01
	263	0.0000e+00	0.0000e+00	0.0000e+00	4.2345e+01	-3.2300e+00	1.3515e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	4.4121e+01	-4.6685e+00	1.3186e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	4.3337e+01	-4.6000e+00	-4.0179e-01
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	3.8503e+01	5.3951e-01	-8.1184e-01
	262	0.0000e+00	0.0000e+00	0.0000e+00	3.8946e+01	6.2161e-01	1.7397e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	4.1626e+01	-1.8542e+00	1.7261e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	4.0972e+01	-1.7453e+00	-8.2540e-01
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	3.5307e+01	4.5447e+00	-9.9197e-01
	261	0.0000e+00	0.0000e+00	0.0000e+00	3.5415e+01	4.8537e+00	1.5377e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	3.8144e+01	2.2932e+00	1.6780e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	3.7684e+01	2.3241e+00	-8.5168e-01
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	3.2947e+01	7.4120e+00	-1.1100e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	3.2810e+01	7.9300e+00	6.6424e-01
	261	0.0000e+00	0.0000e+00	0.0000e+00	3.4756e+01	6.2322e+00	1.0340e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	3.4582e+01	6.0173e+00	-7.4017e-01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	3.1968e+01	8.2833e+00	-1.2368e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	3.1786e+01	8.8333e+00	-6.4284e-01
	260	0.0000e+00	0.0000e+00	0.0000e+00	3.2430e+01	8.5974e+00	-1.3014e-01
	250	0.0000e+00	0.0000e+00	0.0000e+00	3.2522e+01	8.1314e+00	-7.2410e-01
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	3.2551e+01	6.8551e+00	-1.2658e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	3.2543e+01	7.1987e+00	-1.9637e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	3.1736e+01	8.6010e+00	-1.5123e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	3.1949e+01	8.0502e+00	-8.1443e-01
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	3.4526e+01	3.3475e+00	-1.0566e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	3.4839e+01	3.3121e+00	-2.8545e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	3.2809e+01	6.0919e+00	-2.6723e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	3.2927e+01	5.6954e+00	-8.7445e-01
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	3.7305e+01	-1.4130e+00	-6.3427e-01
	256	0.0000e+00	0.0000e+00	0.0000e+00	3.7947e+01	-1.8196e+00	-2.9868e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	3.5340e+01	1.5870e+00	-3.1631e+00

	247	0.0000e+00	0.0000e+00	0.0000e+00	3.5163e+01	1.5298e+00	-8.1058e-01
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	3.9816e+01	-5.8918e+00	-2.7698e-01
	255	0.0000e+00	0.0000e+00	0.0000e+00	4.0670e+01	-6.4680e+00	-2.2726e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	3.8510e+01	-3.6325e+00	-2.7149e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	3.7948e+01	-3.3320e+00	-7.1930e-01
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	4.0719e+01	-8.0758e+00	-3.2740e-01
	151	0.0000e+00	0.0000e+00	0.0000e+00	4.1615e+01	-8.6269e+00	-8.9966e-01
	255	0.0000e+00	0.0000e+00	0.0000e+00	4.1022e+01	-7.6251e+00	-1.4154e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	4.0157e+01	-7.1540e+00	-8.4316e-01
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	3.6612e+01	-4.0478e+00	-2.8985e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	4.0914e+01	-3.5732e+00	-1.2469e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	4.2551e+01	-5.0642e+00	-4.9593e-01
	244	0.0000e+00	0.0000e+00	0.0000e+00	3.8308e+01	-6.0780e+00	-2.1475e+00
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	3.3695e+01	7.6350e-01	-3.9325e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	3.7714e+01	4.0890e-01	-1.5064e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	4.0047e+01	-2.0769e+00	-1.4683e+00
	243	0.0000e+00	0.0000e+00	0.0000e+00	3.6259e+01	-2.5071e+00	-3.8943e+00
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	3.1047e+01	5.2333e+00	-3.5472e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	3.4524e+01	4.5518e+00	-1.3304e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	3.6832e+01	2.0810e+00	-1.8437e+00
	242	0.0000e+00	0.0000e+00	0.0000e+00	3.3213e+01	2.4169e+00	-4.0605e+00
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	2.9254e+01	8.1387e+00	-2.5157e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	3.2265e+01	7.4228e+00	-1.0507e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	3.3872e+01	5.8277e+00	-1.7664e+00
	241	0.0000e+00	0.0000e+00	0.0000e+00	3.0603e+01	6.5301e+00	-3.2313e+00
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	2.8537e+01	8.9527e+00	-1.2914e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	3.1375e+01	8.2268e+00	-8.0504e-01
	250	0.0000e+00	0.0000e+00	0.0000e+00	3.1913e+01	8.0053e+00	-1.5530e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	2.8981e+01	8.7617e+00	-2.0393e+00
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	2.8967e+01	7.5179e+00	-3.9864e-03
	248	0.0000e+00	0.0000e+00	0.0000e+00	3.1944e+01	6.7377e+00	-5.4179e-01
	249	0.0000e+00	0.0000e+00	0.0000e+00	3.1321e+01	8.0176e+00	-1.3172e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	2.8505e+01	8.7742e+00	-7.7943e-01
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	3.0483e+01	3.9532e+00	1.2468e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	3.3791e+01	3.2014e+00	-2.0385e-01
	248	0.0000e+00	0.0000e+00	0.0000e+00	3.2183e+01	5.7576e+00	-9.8880e-01
	238	0.0000e+00	0.0000e+00	0.0000e+00	2.9163e+01	6.5615e+00	4.6189e-01
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	3.2826e+01	-1.2327e+00	2.0996e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	3.6410e+01	-1.5780e+00	5.7640e-02
	247	0.0000e+00	0.0000e+00	0.0000e+00	3.4305e+01	1.6040e+00	-5.2237e-01
	237	0.0000e+00	0.0000e+00	0.0000e+00	3.0809e+01	2.4082e+00	1.5196e+00
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	3.5260e+01	-6.6410e+00	1.8036e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	3.8852e+01	-6.1186e+00	-1.2873e-01
	246	0.0000e+00	0.0000e+00	0.0000e+00	3.7100e+01	-3.3968e+00	-8.9258e-02
	236	0.0000e+00	0.0000e+00	0.0000e+00	3.3112e+01	-2.9526e+00	1.8431e+00
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	3.6060e+01	-9.6623e+00	-3.2959e-01
	140	0.0000e+00	0.0000e+00	0.0000e+00	3.9928e+01	-8.4237e+00	-9.6087e-01
	245	0.0000e+00	0.0000e+00	0.0000e+00	3.9422e+01	-7.4483e+00	-8.8348e-02
	235	0.0000e+00	0.0000e+00	0.0000e+00	3.5291e+01	-7.9388e+00	5.4294e-01
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	2.4653e+01	-7.3632e+00	-5.5494e+00
	243	0.0000e+00	0.0000e+00	0.0000e+00	3.4801e+01	-5.2104e+00	-3.9361e+00
	244	0.0000e+00	0.0000e+00	0.0000e+00	3.5957e+01	-7.3737e+00	-2.1493e+00
	234	0.0000e+00	0.0000e+00	0.0000e+00	2.6753e+01	-8.7622e+00	-3.7625e+00
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	2.2235e+01	-5.3820e-01	-6.7015e+00
	242	0.0000e+00	0.0000e+00	0.0000e+00	3.1740e+01	3.2553e-01	-4.5501e+00
	243	0.0000e+00	0.0000e+00	0.0000e+00	3.3136e+01	-3.2425e+00	-4.8557e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	2.5182e+01	-1.7731e+00	-7.0072e+00
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	2.0849e+01	5.5443e+00	-5.3124e+00
	241	0.0000e+00	0.0000e+00	0.0000e+00	2.8897e+01	5.2573e+00	-3.7556e+00
	242	0.0000e+00	0.0000e+00	0.0000e+00	3.0406e+01	2.0422e+00	-5.2422e+00
	230	0.0000e+00	0.0000e+00	0.0000e+00	2.2482e+01	4.7013e+00	-6.7990e+00
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	2.0107e+01	9.3209e+00	-3.3152e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	2.7125e+01	8.2906e+00	-2.4138e+00

	241	0.0000e+00	0.0000e+00	0.0000e+00	2.8141e+01	6.3672e+00	-4.2116e+00
	228	0.0000e+00	0.0000e+00	0.0000e+00	2.0911e+01	8.8998e+00	-5.1130e+00
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	1.9868e+01	1.0718e+01	-1.1941e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	2.6427e+01	9.0626e+00	-9.0718e-01
	240	0.0000e+00	0.0000e+00	0.0000e+00	2.6784e+01	8.7488e+00	-2.7499e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	2.0089e+01	1.0745e+01	-3.0368e+00
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	2.0111e+01	9.7911e+00	9.5065e-01
	238	0.0000e+00	0.0000e+00	0.0000e+00	2.6740e+01	7.5267e+00	6.4112e-01
	239	0.0000e+00	0.0000e+00	0.0000e+00	2.6416e+01	8.8753e+00	-1.2061e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	1.9809e+01	1.0272e+01	-8.9662e-01
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	2.0881e+01	6.5869e+00	3.0142e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	2.7989e+01	3.8265e+00	2.1199e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	2.7061e+01	6.7047e+00	3.2867e-01
	222	0.0000e+00	0.0000e+00	0.0000e+00	2.0004e+01	7.4942e+00	1.2229e+00
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	2.2387e+01	1.1539e+00	4.5800e+00
	236	0.0000e+00	0.0000e+00	0.0000e+00	3.0015e+01	-1.5636e+00	3.0929e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	2.8729e+01	2.3915e+00	1.7025e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	2.0671e+01	2.4296e+00	3.1896e+00
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	2.4977e+01	-6.2774e+00	4.3215e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	3.2215e+01	-7.3504e+00	2.3846e+00
	236	0.0000e+00	0.0000e+00	0.0000e+00	3.1342e+01	-3.5154e+00	2.4477e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	2.1940e+01	-4.7135e+00	4.3846e+00
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	2.5829e+01	-1.3403e+01	-9.3763e-03
	129	0.0000e+00	0.0000e+00	0.0000e+00	3.4087e+01	-1.0981e+01	-9.7838e-01
	235	0.0000e+00	0.0000e+00	0.0000e+00	3.3771e+01	-9.3213e+00	1.5342e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	2.4190e+01	-1.1879e+01	2.5032e+00
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	2.6717e+00	1.2610e+01	-9.3243e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	1.8315e+01	-9.2067e+00	-2.9157e+00
	234	0.0000e+00	0.0000e+00	0.0000e+00	2.7570e+01	-1.0853e+01	-2.0711e+00
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.3515e+00	-3.4344e+01	-8.4797e+00
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	3.1326e+00	1.7533e+01	-6.4006e+00
	230	0.0000e+00	0.0000e+00	0.0000e+00	1.4842e+01	-2.8948e-02	-4.3970e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	2.1720e+01	-4.1744e+00	-5.7417e+00
	233	0.0000e+00	0.0000e+00	0.0000e+00	2.9785e-01	-1.9072e+01	-7.7453e+00
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	4.2289e+00	1.8417e+01	-4.6530e+00
	228	0.0000e+00	0.0000e+00	0.0000e+00	1.4439e+01	6.2782e+00	-3.8599e+00
	230	0.0000e+00	0.0000e+00	0.0000e+00	1.8296e+01	3.0658e+00	-5.4362e+00
	231	0.0000e+00	0.0000e+00	0.0000e+00	1.9732e+00	-5.9492e+00	-6.2294e+00
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	4.8657e+00	1.6931e+01	-2.9636e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	1.4773e+01	9.7460e+00	-2.6197e+00
	228	0.0000e+00	0.0000e+00	0.0000e+00	1.6723e+01	7.9854e+00	-4.2414e+00
	229	0.0000e+00	0.0000e+00	0.0000e+00	3.6098e+00	4.0148e+00	-4.5853e+00
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	4.9631e+00	1.3297e+01	-1.2120e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	1.5340e+01	1.0726e+01	-1.1857e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	1.5714e+01	1.0401e+01	-2.8167e+00
	227	0.0000e+00	0.0000e+00	0.0000e+00	4.6415e+00	1.1062e+01	-2.8430e+00
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	4.5459e+00	7.4192e+00	5.6514e-01
	222	0.0000e+00	0.0000e+00	0.0000e+00	1.6079e+01	9.3274e+00	2.9005e-01
	224	0.0000e+00	0.0000e+00	0.0000e+00	1.4958e+01	1.0405e+01	-1.3410e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	5.1120e+00	1.5546e+01	-1.0659e+00
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	3.5701e+00	-9.4195e-01	2.2959e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	1.7055e+01	5.5619e+00	1.7120e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	1.4385e+01	8.0387e+00	9.9205e-02
	223	0.0000e+00	0.0000e+00	0.0000e+00	5.0620e+00	1.7739e+01	6.8310e-01
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	2.0341e+00	-1.2088e+01	3.8889e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	1.8612e+01	-5.8554e-01	2.8409e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	1.4063e+01	3.2386e+00	1.3186e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	4.4683e+00	1.7758e+01	2.3666e+00
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	6.6392e-01	-2.6148e+01	5.2352e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	2.2243e+01	-8.7422e+00	2.8305e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	1.4581e+01	-4.3106e+00	1.6875e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	3.4718e+00	1.5360e+01	4.0923e+00
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	9.1316e+00	-4.1632e+01	5.4277e+00

	118	0.0000e+00	0.0000e+00	0.0000e+00	2.8035e+01	-1.5294e+01	-2.0428e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	1.8656e+01	-1.4357e+01	-3.3932e-01
	217	0.0000e+00	0.0000e+00	0.0000e+00	3.4322e+00	8.6045e+00	7.1312e+00
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	-4.8448e+01	-6.8766e+01	2.0413e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	-1.0881e+02	-3.0110e+01	2.4543e+01
	13	0.0000e+00	0.0000e+00	0.0000e+00	-1.3604e+02	-1.6658e+02	1.0815e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	-1.3642e+01	-9.7998e+01	6.6850e+00
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	-4.8079e+01	-3.4556e+00	2.3649e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	-6.4748e+01	1.1750e+00	8.3997e+00
	215	0.0000e+00	0.0000e+00	0.0000e+00	-9.0159e+01	-3.0653e+01	1.7036e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	-5.0649e+01	-4.4849e+01	3.2285e+01
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	-3.3497e+01	2.0323e+01	1.6911e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	-4.1428e+01	2.2775e+01	5.1195e+00
	214	0.0000e+00	0.0000e+00	0.0000e+00	-5.5490e+01	7.8579e+00	1.0364e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	-4.1070e+01	-1.1249e+00	2.2156e+01
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	-2.2619e+01	3.1569e+01	1.1079e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	-2.6850e+01	3.3652e+01	3.0083e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	-3.5830e+01	2.6143e+01	6.4138e+00
	203	0.0000e+00	0.0000e+00	0.0000e+00	-2.8447e+01	2.0801e+01	1.4484e+01
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	-1.5545e+01	3.6474e+01	6.6450e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	-1.8192e+01	3.8260e+01	1.6271e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	-2.3519e+01	3.5061e+01	3.9971e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	-1.9424e+01	3.1680e+01	9.0149e+00
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	-1.1676e+01	3.6975e+01	3.1285e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	-1.3796e+01	3.8668e+01	5.2141e-01
	211	0.0000e+00	0.0000e+00	0.0000e+00	-1.6453e+01	3.8521e+01	2.3633e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	-1.3803e+01	3.6198e+01	4.9704e+00
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	-1.0478e+01	3.3458e+01	8.1251e-02
	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.2816e+01	3.5302e+01	-5.3382e-01
	210	0.0000e+00	0.0000e+00	0.0000e+00	-1.3309e+01	3.8014e+01	1.1136e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	-1.1114e+01	3.6267e+01	1.7287e+00
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	-1.1339e+01	2.4972e+01	-2.8131e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	-1.5089e+01	2.7263e+01	-1.7308e+00
	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.3488e+01	3.3649e+01	-5.7897e-03
	199	0.0000e+00	0.0000e+00	0.0000e+00	-1.0954e+01	3.2179e+01	-1.0881e+00
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	-1.4502e+01	8.4106e+00	-6.0532e+00
	207	0.0000e+00	0.0000e+00	0.0000e+00	-2.0635e+01	1.1907e+01	-3.2455e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	-1.7058e+01	2.3886e+01	-1.1291e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	-1.2927e+01	2.2769e+01	-3.9368e+00
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	1.5051e+01	-1.0313e+01	1.0208e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	-4.7561e+01	-3.1291e+01	-2.4741e+00
	207	0.0000e+00	0.0000e+00	0.0000e+00	-2.5454e+01	1.5406e+01	-3.7789e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	-1.3469e+01	-2.7275e+00	-2.8397e-01
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	6.3851e+00	-4.6457e+01	2.0312e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	-3.1704e+01	-6.0295e+01	2.6309e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	-2.2877e+01	-8.1059e+01	9.0116e+00
	195	0.0000e+00	0.0000e+00	0.0000e+00	8.5609e+00	-5.7188e+01	3.0149e+00
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	-4.9820e+00	-1.3839e+01	2.4973e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	-3.1411e+01	-1.2296e+01	3.0564e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	-2.5045e+01	-3.4995e+01	3.1249e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	-1.0897e+00	-3.4947e+01	2.5658e+01
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	-9.4508e+00	1.0348e+01	2.1504e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	-2.3958e+01	1.4785e+01	2.0830e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	-2.7641e+01	2.1952e+00	2.6991e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	-7.0047e+00	-6.8001e+00	2.7665e+01
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	-8.3539e+00	2.4121e+01	1.5729e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	-1.6991e+01	2.8303e+01	1.3297e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	-2.1279e+01	2.1688e+01	1.8990e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	-8.5280e+00	1.3460e+01	2.1422e+01
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	-6.1627e+00	3.0709e+01	9.9121e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	-1.1881e+01	3.4482e+01	7.6521e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	-1.5141e+01	3.1606e+01	1.2296e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	-7.0492e+00	2.5256e+01	1.4556e+01

2337	189	0.0000e+00	0.0000e+00	0.0000e+00	-4.3524e+00	3.2254e+01	4.7172e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	-8.8656e+00	3.5761e+01	3.1803e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	-1.0829e+01	3.5662e+01	7.0078e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	-5.2085e+00	3.0825e+01	8.5446e+00
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	-3.1993e+00	2.9418e+01	1.8363e-01
	199	0.0000e+00	0.0000e+00	0.0000e+00	-7.6717e+00	3.2853e+01	-6.6539e-01
	200	0.0000e+00	0.0000e+00	0.0000e+00	-8.5402e+00	3.5371e+01	2.6439e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	-3.8886e+00	3.1592e+01	3.4929e+00
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	-1.9250e+00	2.1887e+01	-3.5104e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	-8.0156e+00	2.5083e+01	-4.1447e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	-8.0206e+00	3.0882e+01	-1.2410e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	-3.0839e+00	2.7748e+01	-6.0666e-01
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	-3.3641e+00	8.9688e+00	-5.1271e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	-4.7952e+00	1.0528e+01	-6.5204e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	-8.9439e+00	2.0120e+01	-5.3485e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	-1.7719e+00	1.9125e+01	-3.9552e+00
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	1.9041e+01	-5.5977e+00	-1.3280e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	-2.8333e+01	-1.2238e+01	-1.5783e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	-8.0370e+00	6.1264e+00	-2.2238e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	-1.7144e+00	8.9363e-01	-1.9736e+00
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	2.5387e+01	-2.9030e+01	1.2909e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	7.3615e+00	-3.8472e+01	1.6715e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	1.2869e+01	-4.8149e+01	5.8461e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	2.6863e+01	-3.3896e+01	2.0399e+00
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	1.7570e+01	-1.2740e+01	1.9156e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	6.5479e-01	-1.2970e+01	2.5957e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	8.6476e+00	-3.0790e+01	2.2509e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	2.2056e+01	-2.3504e+01	1.5708e+01
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	1.0546e+01	4.4960e+00	1.8919e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	-2.2302e+00	7.8320e+00	2.3337e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	1.7302e+00	-5.0699e+00	2.5648e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	1.4691e+01	-6.7728e+00	2.1231e+01
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	6.6128e+00	1.7008e+01	1.5108e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	-2.3547e+00	2.1272e+01	1.7044e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	-1.4179e+00	1.3863e+01	2.1480e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	9.2281e+00	8.4569e+00	1.9544e+01
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	4.9969e+00	2.4145e+01	1.0099e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	-1.4949e+00	2.8398e+01	1.0647e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	-1.7951e+00	2.4895e+01	1.5272e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	6.3015e+00	1.9064e+01	1.4725e+01
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	4.6306e+00	2.6632e+01	5.1013e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	-5.4924e-01	3.0574e+01	4.9899e+00
	190	0.0000e+00	0.0000e+00	0.0000e+00	-1.1887e+00	3.0051e+01	9.1839e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	5.0656e+00	2.4849e+01	9.2954e+00
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	4.9378e+00	2.4910e+01	7.1404e-01
	188	0.0000e+00	0.0000e+00	0.0000e+00	2.9008e-01	2.8343e+01	1.9126e-01
	189	0.0000e+00	0.0000e+00	0.0000e+00	-5.2209e-01	3.0592e+01	3.7553e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	4.7908e+00	2.6255e+01	4.2781e+00
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	6.0300e+00	1.9049e+01	-2.4869e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	9.3261e-01	2.1367e+01	-3.4737e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	-7.5578e-03	2.6867e+01	-8.1299e-01
	177	0.0000e+00	0.0000e+00	0.0000e+00	5.1595e+00	2.3384e+01	1.7380e-01
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	5.2909e+00	8.8766e+00	-3.9545e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	4.0799e+00	9.6813e+00	-5.4462e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	4.2857e-01	1.8179e+01	-4.3743e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	6.2051e+00	1.6647e+01	-2.8826e+00
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	2.1883e+01	-3.2790e+00	-2.1355e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.3183e+01	-7.3532e+00	-2.3972e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	1.9880e+00	7.2261e+00	-2.1364e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	6.2317e+00	2.5834e+00	-1.8747e+00
2352	172	0.0000e+00	0.0000e+00	0.0000e+00	3.4821e+01	-1.7840e+01	8.0077e+00
	183	0.0000e+00	0.0000e+00	0.0000e+00	2.5774e+01	-2.4183e+01	1.0392e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	2.9021e+01	-2.8837e+01	3.6584e+00

	173	0.0000e+00	0.0000e+00	0.0000e+00	3.5949e+01	-2.0502e+01	1.2746e+00
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	2.9449e+01	-8.7594e+00	1.2892e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	1.9937e+01	-1.0368e+01	1.8025e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	2.5807e+01	-2.0679e+01	1.4630e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	3.2996e+01	-1.4887e+01	9.4975e+00
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	2.3159e+01	2.5468e+00	1.3765e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	1.4562e+01	4.2072e+00	1.8832e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	1.9873e+01	-5.6526e+00	1.9154e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	2.7147e+01	-4.6940e+00	1.4087e+01
2355	169	0.0000e+00	0.0000e+00	0.0000e+00	1.8014e+01	1.2269e+01	1.1695e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	1.1001e+01	1.5475e+01	1.5377e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	1.4386e+01	8.5226e+00	1.8003e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	2.1384e+01	6.0034e+00	1.4322e+01
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	1.4623e+01	1.8760e+01	8.1614e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	9.0467e+00	2.2383e+01	1.0380e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	1.0787e+01	1.8552e+01	1.3884e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	1.6954e+01	1.4537e+01	1.1665e+01
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	1.2779e+01	2.1640e+01	4.2652e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	8.1997e+00	2.5087e+01	5.3211e+00
	179	0.0000e+00	0.0000e+00	0.0000e+00	8.8202e+00	2.4059e+01	8.8423e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	1.4096e+01	1.9830e+01	7.7863e+00
2358	166	0.0000e+00	0.0000e+00	0.0000e+00	1.2096e+01	2.0891e+01	7.4309e-01
	177	0.0000e+00	0.0000e+00	0.0000e+00	8.1620e+00	2.3766e+01	8.8839e-01
	178	0.0000e+00	0.0000e+00	0.0000e+00	7.9393e+00	2.5407e+01	3.9490e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	1.2586e+01	2.1610e+01	3.8037e+00
2359	165	0.0000e+00	0.0000e+00	0.0000e+00	1.2440e+01	1.6490e+01	-1.8501e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	8.5081e+00	1.8368e+01	-2.4118e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	7.8037e+00	2.2808e+01	-1.4947e-01
	166	0.0000e+00	0.0000e+00	0.0000e+00	1.2114e+01	1.9754e+01	4.1225e-01
2360	164	0.0000e+00	0.0000e+00	0.0000e+00	1.1769e+01	8.2364e+00	-3.2321e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	1.0760e+01	9.1426e+00	-4.3112e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	8.1004e+00	1.6025e+01	-3.2112e+00
	165	0.0000e+00	0.0000e+00	0.0000e+00	1.2448e+01	1.4533e+01	-2.1320e+00
2361	163	0.0000e+00	0.0000e+00	0.0000e+00	2.3225e+01	-2.5410e+00	-2.5563e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.3066e+00	-4.8727e+00	-2.7841e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	9.2504e+00	6.9533e+00	-2.1378e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	1.2250e+01	3.2125e+00	-1.9100e+00
2362	161	0.0000e+00	0.0000e+00	0.0000e+00	3.9285e+01	-1.1120e+01	4.4996e+00
	172	0.0000e+00	0.0000e+00	0.0000e+00	3.4878e+01	-1.5000e+01	6.1908e+00
	173	0.0000e+00	0.0000e+00	0.0000e+00	3.6975e+01	-1.7583e+01	2.2314e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	4.0291e+01	-1.2832e+01	5.4012e-01
2363	160	0.0000e+00	0.0000e+00	0.0000e+00	3.5310e+01	-5.4076e+00	7.5368e+00
	171	0.0000e+00	0.0000e+00	0.0000e+00	3.0383e+01	-6.8672e+00	1.1355e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	3.4550e+01	-1.3076e+01	8.9673e+00
	161	0.0000e+00	0.0000e+00	0.0000e+00	3.8149e+01	-9.3303e+00	5.1489e+00
2364	159	0.0000e+00	0.0000e+00	0.0000e+00	3.0152e+01	2.2841e+00	8.3927e+00
	170	0.0000e+00	0.0000e+00	0.0000e+00	2.5190e+01	2.9809e+00	1.2846e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	2.9871e+01	-3.9755e+00	1.2556e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	3.3642e+01	-2.6471e+00	8.1030e+00
2365	158	0.0000e+00	0.0000e+00	0.0000e+00	2.5243e+01	9.6181e+00	7.3543e+00
	169	0.0000e+00	0.0000e+00	0.0000e+00	2.0717e+01	1.1659e+01	1.1265e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	2.4576e+01	5.9484e+00	1.2637e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	2.8559e+01	4.9984e+00	8.7263e+00
2366	157	0.0000e+00	0.0000e+00	0.0000e+00	2.1403e+01	1.5083e+01	5.1547e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	1.7491e+01	1.7676e+01	8.0149e+00
	169	0.0000e+00	0.0000e+00	0.0000e+00	2.0116e+01	1.4046e+01	1.0285e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	2.4026e+01	1.1690e+01	7.4247e+00
2367	156	0.0000e+00	0.0000e+00	0.0000e+00	1.8847e+01	1.7921e+01	2.5213e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	1.5509e+01	2.0498e+01	4.2708e+00
	168	0.0000e+00	0.0000e+00	0.0000e+00	1.6959e+01	1.9158e+01	6.7787e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	2.0607e+01	1.6267e+01	5.0292e+00
2368	155	0.0000e+00	0.0000e+00	0.0000e+00	1.7438e+01	1.7775e+01	4.1038e-02
	166	0.0000e+00	0.0000e+00	0.0000e+00	1.4597e+01	1.9935e+01	8.0527e-01

	167	0.0000e+00	0.0000e+00	0.0000e+00	1.5045e+01	2.0953e+01	3.0813e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	1.8392e+01	1.8151e+01	2.3171e+00
2369	154	0.0000e+00	0.0000e+00	0.0000e+00	1.7032e+01	1.4400e+01	-1.8475e+00
	165	0.0000e+00	0.0000e+00	0.0000e+00	1.4342e+01	1.5841e+01	-1.8562e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	1.4145e+01	1.9336e+01	-1.2407e-01
	155	0.0000e+00	0.0000e+00	0.0000e+00	1.7213e+01	1.7001e+01	-1.1528e-01
2370	153	0.0000e+00	0.0000e+00	0.0000e+00	1.6309e+01	7.4156e+00	-2.9404e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	1.5562e+01	8.2252e+00	-3.5521e+00
	165	0.0000e+00	0.0000e+00	0.0000e+00	1.3909e+01	1.4078e+01	-2.5879e+00
	154	0.0000e+00	0.0000e+00	0.0000e+00	1.6839e+01	1.2786e+01	-1.9763e+00
2371	152	0.0000e+00	0.0000e+00	0.0000e+00	2.3037e+01	-2.7149e+00	-2.9368e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	7.8717e+00	-3.8287e+00	-3.0096e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	1.4429e+01	6.0284e+00	-2.3011e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	1.6346e+01	3.3701e+00	-2.2283e+00
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	4.0696e+01	-7.6079e+00	1.7498e+00
	161	0.0000e+00	0.0000e+00	0.0000e+00	3.9143e+01	-9.6055e+00	3.1226e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	4.0652e+01	-1.1276e+01	1.1298e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	4.1706e+01	-8.9296e+00	-2.4301e-01
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	3.7458e+01	-3.3598e+00	3.0749e+00
	160	0.0000e+00	0.0000e+00	0.0000e+00	3.5577e+01	-4.2562e+00	6.1049e+00
	161	0.0000e+00	0.0000e+00	0.0000e+00	3.8683e+01	-8.3233e+00	4.7864e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	3.9912e+01	-6.3454e+00	1.7564e+00
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	3.3153e+01	2.4746e+00	3.4870e+00
	159	0.0000e+00	0.0000e+00	0.0000e+00	3.1042e+01	2.7275e+00	7.2645e+00
	160	0.0000e+00	0.0000e+00	0.0000e+00	3.4880e+01	-2.2526e+00	6.9570e+00
	149	0.0000e+00	0.0000e+00	0.0000e+00	3.6246e+01	-1.3294e+00	3.1795e+00
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	2.8797e+01	8.3040e+00	2.9860e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	2.6655e+01	9.4275e+00	6.6124e+00
	159	0.0000e+00	0.0000e+00	0.0000e+00	3.0244e+01	4.9006e+00	7.2480e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	3.1863e+01	4.6385e+00	3.6216e+00
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	2.5102e+01	1.2910e+01	1.8073e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	2.3089e+01	1.4498e+01	4.7340e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	2.5886e+01	1.1293e+01	6.0023e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	2.7675e+01	1.0116e+01	3.0756e+00
2377	145	0.0000e+00	0.0000e+00	0.0000e+00	2.2371e+01	1.5520e+01	2.8643e-01
	156	0.0000e+00	0.0000e+00	0.0000e+00	2.0575e+01	1.7190e+01	2.3151e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	2.2416e+01	1.5750e+01	3.8481e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	2.4252e+01	1.4078e+01	1.8194e+00
2378	144	0.0000e+00	0.0000e+00	0.0000e+00	2.0594e+01	1.5652e+01	-1.2252e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	1.9065e+01	1.7091e+01	-6.7653e-02
	156	0.0000e+00	0.0000e+00	0.0000e+00	1.9999e+01	1.7662e+01	1.4007e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	2.1784e+01	1.5900e+01	2.4318e-01
2379	143	0.0000e+00	0.0000e+00	0.0000e+00	1.9637e+01	1.2901e+01	-2.4219e+00
	154	0.0000e+00	0.0000e+00	0.0000e+00	1.8285e+01	1.3879e+01	-1.9822e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	1.8537e+01	1.6686e+01	-8.2754e-01
	144	0.0000e+00	0.0000e+00	0.0000e+00	2.0191e+01	1.5147e+01	-1.2672e+00
2380	142	0.0000e+00	0.0000e+00	0.0000e+00	1.8915e+01	6.7206e+00	-3.1004e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	1.8497e+01	7.2597e+00	-3.2905e+00
	154	0.0000e+00	0.0000e+00	0.0000e+00	1.7780e+01	1.2491e+01	-2.6019e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	1.9283e+01	1.1529e+01	-2.4117e+00
2381	141	0.0000e+00	0.0000e+00	0.0000e+00	2.1141e+01	-3.2917e+00	-3.4276e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	1.4775e+01	-3.5632e+00	-3.2926e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	1.7624e+01	4.8486e+00	-2.7894e+00
	142	0.0000e+00	0.0000e+00	0.0000e+00	1.8540e+01	3.4799e+00	-2.9243e+00
2382	139	0.0000e+00	0.0000e+00	0.0000e+00	3.9422e+01	-6.5731e+00	-6.6109e-01
	150	0.0000e+00	0.0000e+00	0.0000e+00	4.0338e+01	-7.0706e+00	6.1262e-01
	151	0.0000e+00	0.0000e+00	0.0000e+00	4.1546e+01	-8.3690e+00	1.4882e-01
	140	0.0000e+00	0.0000e+00	0.0000e+00	4.0552e+01	-7.8554e+00	-1.1249e+00
2383	138	0.0000e+00	0.0000e+00	0.0000e+00	3.6460e+01	-2.5835e+00	-8.5981e-01
	149	0.0000e+00	0.0000e+00	0.0000e+00	3.7246e+01	-2.9035e+00	1.8178e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	3.9773e+01	-5.9926e+00	1.4226e+00
	139	0.0000e+00	0.0000e+00	0.0000e+00	3.8846e+01	-5.4512e+00	-1.2549e+00
2384	137	0.0000e+00	0.0000e+00	0.0000e+00	3.2674e+01	2.6706e+00	-9.2683e-01



	148	0.0000e+00	0.0000e+00	0.0000e+00	3.3211e+01	2.6952e+00	2.4016e+00
	149	0.0000e+00	0.0000e+00	0.0000e+00	3.6421e+01	-1.2373e+00	2.2162e+00
	138	0.0000e+00	0.0000e+00	0.0000e+00	3.5570e+01	-8.0853e-01	-1.1122e+00
2385	136	0.0000e+00	0.0000e+00	0.0000e+00	2.8873e+01	7.8310e+00	-1.0649e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	2.9152e+01	8.2525e+00	2.1882e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	3.2321e+01	4.4870e+00	2.3305e+00
	137	0.0000e+00	0.0000e+00	0.0000e+00	3.1672e+01	4.5984e+00	-9.2262e-01
2386	135	0.0000e+00	0.0000e+00	0.0000e+00	2.5587e+01	1.1902e+01	-1.4368e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	2.5688e+01	1.2632e+01	1.2835e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	2.8333e+01	9.7953e+00	1.7574e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	2.7934e+01	9.4928e+00	-9.6294e-01
2387	134	0.0000e+00	0.0000e+00	0.0000e+00	2.3045e+01	1.4245e+01	-2.0447e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	2.3076e+01	1.5111e+01	-4.2498e-02
	146	0.0000e+00	0.0000e+00	0.0000e+00	2.4988e+01	1.3683e+01	6.5401e-01
	135	0.0000e+00	0.0000e+00	0.0000e+00	2.4806e+01	1.3031e+01	-1.3482e+00
2388	133	0.0000e+00	0.0000e+00	0.0000e+00	2.1251e+01	1.4417e+01	-2.7556e+00
	144	0.0000e+00	0.0000e+00	0.0000e+00	2.1302e+01	1.5218e+01	-1.4675e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	2.2479e+01	1.5526e+01	-7.1849e-01
	134	0.0000e+00	0.0000e+00	0.0000e+00	2.2437e+01	1.4694e+01	-2.0066e+00
2389	132	0.0000e+00	0.0000e+00	0.0000e+00	2.0033e+01	1.1979e+01	-3.3780e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	2.0209e+01	1.2533e+01	-2.6859e+00
	144	0.0000e+00	0.0000e+00	0.0000e+00	2.0748e+01	1.4881e+01	-2.0673e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	2.0763e+01	1.4086e+01	-2.7594e+00
2390	131	0.0000e+00	0.0000e+00	0.0000e+00	1.9477e+01	6.3326e+00	-3.6483e+00
	142	0.0000e+00	0.0000e+00	0.0000e+00	1.9518e+01	6.5016e+00	-3.5236e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	1.9627e+01	1.1383e+01	-3.1675e+00
	132	0.0000e+00	0.0000e+00	0.0000e+00	1.9596e+01	1.0775e+01	-3.2922e+00
2391	130	0.0000e+00	0.0000e+00	0.0000e+00	1.7309e+01	-3.8134e+00	-4.0647e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	1.9655e+01	-3.5655e+00	-3.7255e+00
	142	0.0000e+00	0.0000e+00	0.0000e+00	1.8827e+01	3.7393e+00	-3.6626e+00
	131	0.0000e+00	0.0000e+00	0.0000e+00	1.8760e+01	3.8503e+00	-4.0018e+00
2392	128	0.0000e+00	0.0000e+00	0.0000e+00	3.4561e+01	-7.6518e+00	-3.0727e+00
	139	0.0000e+00	0.0000e+00	0.0000e+00	3.8652e+01	-6.9036e+00	-1.7061e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	3.9746e+01	-8.1761e+00	-8.0874e-01
	129	0.0000e+00	0.0000e+00	0.0000e+00	3.5975e+01	-9.3841e+00	-2.1753e+00
2393	127	0.0000e+00	0.0000e+00	0.0000e+00	3.1526e+01	-2.6574e+00	-4.6379e+00
	138	0.0000e+00	0.0000e+00	0.0000e+00	3.5593e+01	-2.7522e+00	-1.9327e+00
	139	0.0000e+00	0.0000e+00	0.0000e+00	3.7919e+01	-5.6919e+00	-1.6363e+00
	128	0.0000e+00	0.0000e+00	0.0000e+00	3.4164e+01	-6.4328e+00	-4.3415e+00
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	2.8129e+01	3.0388e+00	-4.9005e+00
	137	0.0000e+00	0.0000e+00	0.0000e+00	3.1780e+01	2.6486e+00	-1.8276e+00
	138	0.0000e+00	0.0000e+00	0.0000e+00	3.4648e+01	-1.0312e+00	-2.0392e+00
	127	0.0000e+00	0.0000e+00	0.0000e+00	3.0899e+01	-9.6004e-01	-5.1121e+00
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	2.4985e+01	8.1195e+00	-4.5763e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	2.8096e+01	7.8254e+00	-1.7386e+00
	137	0.0000e+00	0.0000e+00	0.0000e+00	3.0883e+01	4.3384e+00	-2.0905e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	2.7405e+01	4.8115e+00	-4.9283e+00
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	2.2346e+01	1.1872e+01	-4.2332e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	2.5002e+01	1.1812e+01	-1.9069e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	2.7344e+01	9.1797e+00	-2.1329e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	2.4273e+01	9.6126e+00	-4.4593e+00
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	2.0293e+01	1.3894e+01	-4.1035e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	2.2641e+01	1.4053e+01	-2.3766e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	2.4388e+01	1.2682e+01	-2.3978e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	2.1714e+01	1.2887e+01	-4.1247e+00
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	1.8812e+01	1.3886e+01	-4.1918e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	2.0956e+01	1.4163e+01	-3.0416e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	2.2117e+01	1.4348e+01	-2.9079e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	1.9761e+01	1.4334e+01	-4.0582e+00
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	1.7710e+01	1.1464e+01	-4.3844e+00
	132	0.0000e+00	0.0000e+00	0.0000e+00	1.9866e+01	1.1740e+01	-3.7184e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	2.0451e+01	1.3777e+01	-3.5552e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	1.8348e+01	1.3697e+01	-4.2212e+00

2400	120	0.0000e+00	0.0000e+00	0.0000e+00	1.7693e+01	6.1671e+00	-4.3700e+00
	131	0.0000e+00	0.0000e+00	0.0000e+00	1.8494e+01	6.0911e+00	-4.1633e+00
	132	0.0000e+00	0.0000e+00	0.0000e+00	1.9255e+01	1.0699e+01	-4.0940e+00
	121	0.0000e+00	0.0000e+00	0.0000e+00	1.7311e+01	1.0471e+01	-4.3006e+00
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	1.1314e+01	-3.8231e+00	-4.7573e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	2.2576e+01	-3.3542e+00	-4.2989e+00
	131	0.0000e+00	0.0000e+00	0.0000e+00	1.7926e+01	2.9173e+00	-4.8873e+00
	120	0.0000e+00	0.0000e+00	0.0000e+00	1.6805e+01	4.6689e+00	-5.3457e+00
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	2.3572e+01	-1.1521e+01	-6.0752e+00
	128	0.0000e+00	0.0000e+00	0.0000e+00	3.2927e+01	-9.0346e+00	-4.3425e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	3.3948e+01	-1.0739e+01	-1.7065e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	2.5731e+01	-1.3999e+01	-3.4392e+00
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	2.0467e+01	-4.9315e+00	-8.4349e+00
	127	0.0000e+00	0.0000e+00	0.0000e+00	2.9712e+01	-3.3834e+00	-5.6842e+00
	128	0.0000e+00	0.0000e+00	0.0000e+00	3.1461e+01	-7.2615e+00	-5.1027e+00
	116	0.0000e+00	0.0000e+00	0.0000e+00	2.3765e+01	-6.9812e+00	-7.8533e+00
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	1.8020e+01	2.3202e+00	-8.1569e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	2.6034e+01	2.8525e+00	-5.6335e+00
	127	0.0000e+00	0.0000e+00	0.0000e+00	2.8246e+01	-1.4738e+00	-6.3473e+00
	114	0.0000e+00	0.0000e+00	0.0000e+00	2.0439e+01	6.1451e-01	-8.8706e+00
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	1.6053e+01	8.0795e+00	-7.1695e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	2.2921e+01	8.1372e+00	-5.0931e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	2.4978e+01	4.4201e+00	-6.1358e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	1.7805e+01	6.7509e+00	-8.2122e+00
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	1.4427e+01	1.2039e+01	-6.2290e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	2.0475e+01	1.1872e+01	-4.5817e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	2.2184e+01	9.2543e+00	-5.5226e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	1.5741e+01	1.1139e+01	-7.1699e+00
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	1.3131e+01	1.4116e+01	-5.5513e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	1.8640e+01	1.3803e+01	-4.3251e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	1.9955e+01	1.2515e+01	-5.0314e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	1.4066e+01	1.3741e+01	-6.2577e+00
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	1.2201e+01	1.4197e+01	-5.1564e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	1.7327e+01	1.3719e+01	-4.3444e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	1.8267e+01	1.3932e+01	-4.8228e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	1.2751e+01	1.4497e+01	-5.6348e+00
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	1.1561e+01	1.2028e+01	-4.9423e+00
	121	0.0000e+00	0.0000e+00	0.0000e+00	1.6548e+01	1.1318e+01	-4.5347e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	1.7040e+01	1.3240e+01	-4.8877e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	1.1817e+01	1.3299e+01	-5.2954e+00
2410	100	0.0000e+00	0.0000e+00	0.0000e+00	1.2553e+01	7.0574e+00	-4.6903e+00
	120	0.0000e+00	0.0000e+00	0.0000e+00	1.4950e+01	5.9358e+00	-4.7192e+00
	121	0.0000e+00	0.0000e+00	0.0000e+00	1.6235e+01	1.0281e+01	-4.9274e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	1.1215e+01	9.6133e+00	-4.8986e+00
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	3.0900e+00	-2.7054e+00	-5.0153e+00
	119	0.0000e+00	0.0000e+00	0.0000e+00	2.3230e+01	-2.4096e+00	-4.9210e+00
	120	0.0000e+00	0.0000e+00	0.0000e+00	1.4825e+01	2.3303e+00	-6.1012e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	1.1668e+01	5.1989e+00	-6.1955e+00
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	2.4291e+00	7.6218e+00	-1.2315e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	1.8939e+01	-1.4364e+01	-3.8709e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	2.7421e+01	-1.5587e+01	-1.9787e+00
	2	0.0000e+00	0.0000e+00	0.0000e+00	9.4404e+00	-4.1698e+01	-1.0422e+01
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	1.4036e+00	1.5146e+01	-9.8151e+00
	114	0.0000e+00	0.0000e+00	0.0000e+00	1.3405e+01	-4.9137e+00	-6.1702e+00
	116	0.0000e+00	0.0000e+00	0.0000e+00	2.1664e+01	-9.3523e+00	-6.8767e+00
	117	0.0000e+00	0.0000e+00	0.0000e+00	-1.6803e-01	-2.7871e+01	-1.0522e+01
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	1.4980e+00	1.8381e+01	-8.6521e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	1.1377e+01	3.0297e+00	-6.5239e+00
	114	0.0000e+00	0.0000e+00	0.0000e+00	1.6741e+01	-1.3602e+00	-7.5298e+00
	115	0.0000e+00	0.0000e+00	0.0000e+00	3.8393e-02	-1.4519e+01	-9.6579e+00
2415	111	0.0000e+00	0.0000e+00	0.0000e+00	1.3542e+00	1.9511e+01	-7.7470e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	1.0356e+01	8.6352e+00	-6.1705e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	1.4087e+01	5.3252e+00	-7.1258e+00

	113	0.0000e+00	0.0000e+00	0.0000e+00	5.1637e-01	-3.4687e+00	-8.7023e+00
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	8.3643e-01	1.8894e+01	-7.0108e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	9.6370e+00	1.2253e+01	-5.7885e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	1.2115e+01	1.0124e+01	-6.5908e+00
	111	0.0000e+00	0.0000e+00	0.0000e+00	6.0071e-01	5.2323e+00	-7.8131e+00
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	9.1522e-02	1.6550e+01	-6.4443e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	9.1282e+00	1.3969e+01	-5.6151e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	1.0427e+01	1.3014e+01	-6.2308e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	3.1405e-01	1.1774e+01	-7.0601e+00
2418	105	0.0000e+00	0.0000e+00	0.0000e+00	-6.4824e-01	1.2392e+01	-6.0194e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	8.8902e+00	1.3736e+01	-5.6935e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	8.9787e+00	1.3973e+01	-6.1482e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.3875e-01	1.6308e+01	-6.4741e+00
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	-1.1462e+00	6.3345e+00	-5.5957e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	9.0781e+00	1.1390e+01	-5.9252e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	7.8243e+00	1.2905e+01	-6.3384e+00
	105	0.0000e+00	0.0000e+00	0.0000e+00	-4.9694e-01	1.8862e+01	-6.0089e+00
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	-7.7557e-01	-1.6221e+00	-4.6684e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	9.3553e+00	6.2798e+00	-5.7623e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	7.0185e+00	9.6313e+00	-6.5375e+00
	103	0.0000e+00	0.0000e+00	0.0000e+00	-4.4583e-01	1.9223e+01	-5.4437e+00
2421	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.6677e+00	-1.1758e+01	-2.1071e+00
	99	0.0000e+00	0.0000e+00	0.0000e+00	2.1479e+01	-2.7978e-01	-5.9654e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	7.3025e+00	1.5425e+00	-8.3251e+00
	101	0.0000e+00	0.0000e+00	0.0000e+00	4.2958e-01	1.8164e+01	-4.4668e+00

SFORZI "G2" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	-2.4298e+01	4.0326e+01	2.0589e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-2.7888e+01	-5.6542e+01	1.7791e+01
	84	0.0000e+00	0.0000e+00	0.0000e+00	2.8451e+01	-8.4544e+01	-1.0480e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	-8.6078e+01	-1.4266e+02	1.7504e+00
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	-2.0698e+01	4.5469e+01	1.4341e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-1.5523e+01	-9.7103e+00	1.5489e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-2.2876e+00	-2.0253e+01	1.6421e+01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-3.1701e+01	-7.7349e+01	1.5273e+01
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.9935e+01	4.6351e+01	1.0322e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-1.0888e+01	1.2543e+01	1.2486e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-1.2649e+00	8.3639e+00	1.5343e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-2.5351e+01	-3.1322e+01	1.3179e+01
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	-2.0901e+01	3.8317e+01	6.8147e+00
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-7.8331e+00	2.4504e+01	8.1200e+00
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-3.4935e+00	2.2990e+01	1.1116e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-2.2702e+01	3.0153e+00	9.8103e+00
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	-2.2631e+01	2.1003e+01	3.8745e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-5.2539e+00	2.6452e+01	3.9384e+00
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-6.0896e+00	2.7145e+01	6.6257e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-2.1672e+01	2.7066e+01	6.5617e+00
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	-2.5157e+01	-5.8871e+00	1.6173e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-2.8248e+00	1.8379e+01	4.1337e-01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-8.9514e+00	2.1400e+01	2.5196e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-2.1371e+01	4.1333e+01	3.7236e+00
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	-2.8399e+01	-4.2727e+01	8.3734e-01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-6.6375e-01	-8.2705e-01	-1.6410e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-1.2102e+01	5.7042e+00	-8.0138e-01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-2.1780e+01	4.5877e+01	1.6770e+00
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-4.0363e+01	-9.1585e+01	7.9825e+00
	83	0.0000e+00	0.0000e+00	0.0000e+00	1.7244e+01	-3.7500e+01	6.5939e-01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-1.5725e+01	-2.4610e+01	-5.3088e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-2.1633e+01	4.1752e+01	2.0143e+00
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	-2.1630e+01	4.1753e+01	-2.0206e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-1.5724e+01	-2.4593e+01	5.3004e+00

	83	0.0000e+00	0.0000e+00	0.0000e+00	1.7240e+01	-3.7497e+01	-6.7216e-01
	28	0.0000e+00	0.0000e+00	0.0000e+00	-4.0359e+01	-9.1556e+01	-7.9932e+00
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	-2.1779e+01	4.5876e+01	-1.6848e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-1.2100e+01	5.7144e+00	7.9380e-01
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-6.6403e-01	-8.1679e-01	1.6338e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	-2.8396e+01	-4.2707e+01	-8.4484e-01
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	-2.1372e+01	4.1328e+01	-3.7318e+00
	1884	0.0000e+00	0.0000e+00	0.0000e+00	-8.9502e+00	2.1405e+01	-2.5279e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-2.8259e+00	1.8385e+01	-4.2130e-01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	-2.5155e+01	-5.8717e+00	-1.6252e+00
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	-2.1674e+01	2.7056e+01	-6.5700e+00
	1883	0.0000e+00	0.0000e+00	0.0000e+00	-6.0886e+00	2.7145e+01	-6.6341e+00
	1884	0.0000e+00	0.0000e+00	0.0000e+00	-5.2556e+00	2.6453e+01	-3.9469e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	-2.2632e+01	2.1014e+01	-3.8827e+00
686	1650	0.0000e+00	0.0000e+00	0.0000e+00	-2.2706e+01	2.9978e+00	-9.8181e+00
	1882	0.0000e+00	0.0000e+00	0.0000e+00	-3.4927e+00	2.2984e+01	-1.1124e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	-7.8354e+00	2.4500e+01	-8.1285e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	-2.0902e+01	3.8325e+01	-6.8228e+00
687	1649	0.0000e+00	0.0000e+00	0.0000e+00	-2.5357e+01	-3.1349e+01	-1.3187e+01
	1881	0.0000e+00	0.0000e+00	0.0000e+00	-1.2643e+00	8.3510e+00	-1.5351e+01
	1882	0.0000e+00	0.0000e+00	0.0000e+00	-1.0892e+01	1.2532e+01	-1.2494e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-1.9938e+01	4.6355e+01	-1.0330e+01
688	1648	0.0000e+00	0.0000e+00	0.0000e+00	-3.1710e+01	-7.7388e+01	-1.5279e+01
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-2.2882e+00	-2.0274e+01	-1.6426e+01
	1881	0.0000e+00	0.0000e+00	0.0000e+00	-1.5528e+01	-9.7298e+00	-1.5495e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-2.0702e+01	4.5469e+01	-1.4348e+01
689	27	0.0000e+00	0.0000e+00	0.0000e+00	-8.6100e+01	-1.4272e+02	-1.7554e+00
	82	0.0000e+00	0.0000e+00	0.0000e+00	2.8460e+01	-8.4570e+01	1.0424e+00
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-2.7894e+01	-5.6575e+01	-1.7797e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-2.4306e+01	4.0325e+01	-2.0595e+01
690	1879	0.0000e+00	0.0000e+00	0.0000e+00	-5.0152e+01	-6.4575e+01	1.9271e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	-7.2045e+01	6.8551e+01	-1.6445e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.4131e+02	-1.8706e+02	-3.0211e+00
	73	0.0000e+00	0.0000e+00	0.0000e+00	-5.0334e+01	-8.1547e+01	3.2695e+01
691	1878	0.0000e+00	0.0000e+00	0.0000e+00	-2.6398e+01	-1.3783e+01	-2.4121e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	-3.9593e+01	6.4201e+01	-1.0491e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	-7.1550e+01	-9.5594e+01	-5.9597e+00
	1879	0.0000e+00	0.0000e+00	0.0000e+00	-1.0151e+01	-2.6933e+01	2.1194e+00
692	1877	0.0000e+00	0.0000e+00	0.0000e+00	-1.5974e+01	1.7722e+01	-4.1318e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	-3.0178e+01	5.9216e+01	-5.2617e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	-4.2927e+01	-3.3754e+01	-6.6684e+00
	1878	0.0000e+00	0.0000e+00	0.0000e+00	-5.4228e+00	1.0634e+01	-5.5385e+00
693	1876	0.0000e+00	0.0000e+00	0.0000e+00	-1.0518e+01	3.2404e+01	-2.1554e-01
	876	0.0000e+00	0.0000e+00	0.0000e+00	-2.8745e+01	4.5666e+01	5.1023e-02
	878	0.0000e+00	0.0000e+00	0.0000e+00	-3.2577e+01	9.5363e+00	-3.4260e+00
	1877	0.0000e+00	0.0000e+00	0.0000e+00	-6.1685e+00	2.9951e+01	-3.6926e+00
694	1875	0.0000e+00	0.0000e+00	0.0000e+00	-7.3160e+00	3.2521e+01	4.5185e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	-3.2260e+01	2.0583e+01	5.0124e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	-2.9226e+01	3.8839e+01	1.5436e+00
	1876	0.0000e+00	0.0000e+00	0.0000e+00	-9.3897e+00	3.4037e+01	1.0496e+00
695	1874	0.0000e+00	0.0000e+00	0.0000e+00	-6.5627e+00	1.7466e+01	6.4021e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	-4.2675e+01	-1.8501e+01	8.2399e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	-3.0818e+01	5.6612e+01	6.8244e+00
	1875	0.0000e+00	0.0000e+00	0.0000e+00	-1.4847e+01	2.3557e+01	4.9866e+00
696	1873	0.0000e+00	0.0000e+00	0.0000e+00	-1.0647e+01	-1.5346e+01	-7.9466e-01
	870	0.0000e+00	0.0000e+00	0.0000e+00	-7.1113e+01	-7.6054e+01	7.6414e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	-4.0265e+01	6.5771e+01	1.1954e+01
	1874	0.0000e+00	0.0000e+00	0.0000e+00	-2.5091e+01	-3.8074e+00	3.5175e+00
697	72	0.0000e+00	0.0000e+00	0.0000e+00	-5.6931e+01	-6.1745e+01	-2.8254e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.3168e+02	-1.6211e+02	7.0105e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	-7.2579e+01	7.3345e+01	1.7129e+01
	1873	0.0000e+00	0.0000e+00	0.0000e+00	-4.7461e+01	-4.7836e+01	-1.8136e+01
698	1872	0.0000e+00	0.0000e+00	0.0000e+00	-4.7457e+01	-4.7825e+01	1.8202e+01

796 0.0000e+00 0.0000e+00 0.0000e+00 -7.2592e+01 7.3346e+01 -1.7060e+01  
6 0.0000e+00 0.0000e+00 0.0000e+00 -1.3169e+02 -1.6208e+02 -6.9563e+00  
72 0.0000e+00 0.0000e+00 0.0000e+00 -5.6926e+01 -6.1690e+01 2.8306e+01  
  
699 1871 0.0000e+00 0.0000e+00 0.0000e+00 -2.5092e+01 -3.8030e+00 -3.4489e+00  
794 0.0000e+00 0.0000e+00 0.0000e+00 -4.0281e+01 6.5756e+01 -1.1885e+01  
796 0.0000e+00 0.0000e+00 0.0000e+00 -7.1122e+01 -7.6025e+01 -7.5725e+00  
1872 0.0000e+00 0.0000e+00 0.0000e+00 -1.0654e+01 -1.5338e+01 8.6347e-01  
  
700 1870 0.0000e+00 0.0000e+00 0.0000e+00 -1.4848e+01 2.3548e+01 -4.9211e+00  
792 0.0000e+00 0.0000e+00 0.0000e+00 -3.0841e+01 5.6575e+01 -6.7581e+00  
794 0.0000e+00 0.0000e+00 0.0000e+00 -4.2689e+01 -1.8475e+01 -8.1713e+00  
1871 0.0000e+00 0.0000e+00 0.0000e+00 -6.5714e+00 1.7460e+01 -6.3344e+00  
  
701 1869 0.0000e+00 0.0000e+00 0.0000e+00 -9.3908e+00 3.4008e+01 -9.8839e-01  
790 0.0000e+00 0.0000e+00 0.0000e+00 -2.9258e+01 3.8769e+01 -1.4821e+00  
792 0.0000e+00 0.0000e+00 0.0000e+00 -3.2281e+01 2.0607e+01 -4.9473e+00  
1870 0.0000e+00 0.0000e+00 0.0000e+00 -7.3286e+00 3.2496e+01 -4.4536e+00  
  
702 1868 0.0000e+00 0.0000e+00 0.0000e+00 -6.1690e+00 2.9892e+01 3.7473e+00  
788 0.0000e+00 0.0000e+00 0.0000e+00 -3.2620e+01 9.4171e+00 3.4797e+00  
790 0.0000e+00 0.0000e+00 0.0000e+00 -2.8773e+01 4.5685e+01 8.2416e-03  
1869 0.0000e+00 0.0000e+00 0.0000e+00 -1.0536e+01 3.2352e+01 2.7591e-01  
  
703 1867 0.0000e+00 0.0000e+00 0.0000e+00 -5.4214e+00 1.0532e+01 5.5840e+00  
786 0.0000e+00 0.0000e+00 0.0000e+00 -4.2980e+01 -3.3940e+01 6.7101e+00  
788 0.0000e+00 0.0000e+00 0.0000e+00 -3.0214e+01 5.9225e+01 5.3116e+00  
1868 0.0000e+00 0.0000e+00 0.0000e+00 -1.5998e+01 1.7630e+01 4.1855e+00  
  
704 1866 0.0000e+00 0.0000e+00 0.0000e+00 -1.0146e+01 -2.7097e+01 -2.0863e+00  
784 0.0000e+00 0.0000e+00 0.0000e+00 -7.1608e+01 -9.5868e+01 5.9834e+00  
786 0.0000e+00 0.0000e+00 0.0000e+00 -3.9635e+01 6.4189e+01 1.0526e+01  
1867 0.0000e+00 0.0000e+00 0.0000e+00 -2.6427e+01 -1.3928e+01 2.4568e+00  
  
705 71 0.0000e+00 0.0000e+00 0.0000e+00 -5.0267e+01 -8.1818e+01 -3.2685e+01  
5 0.0000e+00 0.0000e+00 0.0000e+00 -1.4139e+02 -1.8745e+02 3.0004e+00  
784 0.0000e+00 0.0000e+00 0.0000e+00 -7.2082e+01 6.8506e+01 1.6457e+01  
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1023 0.0000e+00 0.0000e+00 0.0000e+00 -8.2731e+01 5.3726e+01 -6.3384e+00  
9 0.0000e+00 0.0000e+00 0.0000e+00 -1.3399e+02 -1.6499e+02 1.8918e+00  
75 0.0000e+00 0.0000e+00 0.0000e+00 -5.8494e+01 -6.7202e+01 3.7036e+01  
  
707 1864 0.0000e+00 0.0000e+00 0.0000e+00 -2.6320e+01 -2.5102e+01 6.6633e+00  
1021 0.0000e+00 0.0000e+00 0.0000e+00 -5.0048e+01 4.0058e+01 -3.4666e+00  
1023 0.0000e+00 0.0000e+00 0.0000e+00 -7.7616e+01 -8.7030e+01 2.1859e+00  
1865 0.0000e+00 0.0000e+00 0.0000e+00 -1.6760e+01 -3.4587e+01 1.2316e+01  
  
708 1863 0.0000e+00 0.0000e+00 0.0000e+00 -1.6329e+01 -3.0175e+00 1.5963e+00  
1019 0.0000e+00 0.0000e+00 0.0000e+00 -4.0495e+01 2.5145e+01 -9.7498e-01  
1021 0.0000e+00 0.0000e+00 0.0000e+00 -4.9897e+01 -3.4266e+01 2.4913e-02  
1864 0.0000e+00 0.0000e+00 0.0000e+00 -1.1498e+01 -8.3531e+00 2.5961e+00  
  
709 1862 0.0000e+00 0.0000e+00 0.0000e+00 -1.1832e+01 2.0920e+00 9.6211e-01  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -4.0749e+01 1.6697e+00 9.5214e-01  
1019 0.0000e+00 0.0000e+00 0.0000e+00 -4.0768e+01 1.6710e+00 5.8544e-01  
1863 0.0000e+00 0.0000e+00 0.0000e+00 -1.1831e+01 2.0738e+00 5.9540e-01  
  
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1015 0.0000e+00 0.0000e+00 0.0000e+00 -4.9834e+01 -3.4262e+01 1.5479e+00  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -4.0471e+01 2.5152e+01 2.5170e+00  
1862 0.0000e+00 0.0000e+00 0.0000e+00 -1.6316e+01 -2.9918e+00 -3.3065e-02  
  
711 1860 0.0000e+00 0.0000e+00 0.0000e+00 -1.6725e+01 -3.4558e+01 -1.0669e+01  
1013 0.0000e+00 0.0000e+00 0.0000e+00 -7.7518e+01 -8.7027e+01 -5.6311e-01  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -4.9975e+01 4.0064e+01 5.0535e+00  
1861 0.0000e+00 0.0000e+00 0.0000e+00 -2.6301e+01 -2.5042e+01 -5.0528e+00  
  
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1859 0.0000e+00 0.0000e+00 0.0000e+00 -2.4731e+01 -5.3764e+01 9.2488e+00  
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31 0.0000e+00 0.0000e+00 0.0000e+00 -8.1405e+01 -1.2174e+02 -4.5946e+00

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719 30 0.0000e+00 0.0000e+00 0.0000e+00 -8.0936e+01 -1.2063e+02 3.7053e+00  
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1854 0.0000e+00 0.0000e+00 0.0000e+00 -2.4559e+01 -5.3123e+01 -1.0031e+01  
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957 0.0000e+00 0.0000e+00 0.0000e+00 -8.2534e+01 5.3684e+01 -7.8536e+00  
4 0.0000e+00 0.0000e+00 0.0000e+00 -1.3353e+02 -1.6434e+02 4.8546e-01  
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721 1852 0.0000e+00 0.0000e+00 0.0000e+00 -2.6257e+01 -2.4825e+01 5.1900e+00  
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953 0.0000e+00 0.0000e+00 0.0000e+00 -4.0507e+01 2.4949e+01 -2.3740e+00  
955 0.0000e+00 0.0000e+00 0.0000e+00 -4.9816e+01 -3.3874e+01 -1.4096e+00  
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953 0.0000e+00 0.0000e+00 0.0000e+00 -4.0768e+01 1.9450e+00 -8.1050e-01  
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947 0.0000e+00 0.0000e+00 0.0000e+00 -7.7760e+01 -8.7799e+01 -2.1184e+00  
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3 0.0000e+00 0.0000e+00 0.0000e+00 -1.3420e+02 -1.6605e+02 -1.9377e+00  
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1840 0.0000e+00 0.0000e+00 0.0000e+00 -9.3743e+00 2.7570e+01 2.8812e+00  
1841 0.0000e+00 0.0000e+00 0.0000e+00 -2.4148e+00 2.1271e+01 3.8633e+00  
1515 0.0000e+00 0.0000e+00 0.0000e+00 -2.2346e+01 -1.2622e+01 1.8492e+00

736 1513 0.0000e+00 0.0000e+00 0.0000e+00 -1.9220e+01 5.7710e+01 -1.0756e+00  
1839 0.0000e+00 0.0000e+00 0.0000e+00 -7.2480e+00 3.9078e+01 5.3481e-01  
1840 0.0000e+00 0.0000e+00 0.0000e+00 -2.5548e+00 3.6434e+01 2.0881e+00  
1514 0.0000e+00 0.0000e+00 0.0000e+00 -2.1050e+01 1.4307e+01 4.7775e-01

737 1512 0.0000e+00 0.0000e+00 0.0000e+00 -1.9356e+01 4.9433e+01 -2.6708e+00  
1838 0.0000e+00 0.0000e+00 0.0000e+00 -5.5589e+00 4.4576e+01 -2.2786e+00  
1839 0.0000e+00 0.0000e+00 0.0000e+00 -3.9886e+00 4.3641e+01 -6.7237e-01  
1513 0.0000e+00 0.0000e+00 0.0000e+00 -2.0229e+01 3.5171e+01 -1.0646e+00

738 1511 0.0000e+00 0.0000e+00 0.0000e+00 -1.9326e+01 3.4826e+01 -4.4904e+00  
1837 0.0000e+00 0.0000e+00 0.0000e+00 -3.8915e+00 4.4048e+01 -5.3501e+00  
1838 0.0000e+00 0.0000e+00 0.0000e+00 -5.4747e+00 4.4631e+01 -3.5203e+00  
1512 0.0000e+00 0.0000e+00 0.0000e+00 -1.9271e+01 4.9736e+01 -2.6606e+00

739 1510 0.0000e+00 0.0000e+00 0.0000e+00 -1.9367e+01 1.3794e+01 -6.8756e+00  
1836 0.0000e+00 0.0000e+00 0.0000e+00 -2.2527e+00 3.7368e+01 -8.8714e+00  
1837 0.0000e+00 0.0000e+00 0.0000e+00 -6.9982e+00 3.9547e+01 -6.6323e+00  
1511 0.0000e+00 0.0000e+00 0.0000e+00 -1.8170e+01 5.8083e+01 -4.6365e+00

740 1509 0.0000e+00 0.0000e+00 0.0000e+00 -2.0014e+01 -1.3980e+01 -9.9613e+00  
1835 0.0000e+00 0.0000e+00 0.0000e+00 -7.9443e-01 2.4160e+01 -1.2826e+01  
1836 0.0000e+00 0.0000e+00 0.0000e+00 -8.7140e+00 2.8192e+01 -1.0166e+01  
1510 0.0000e+00 0.0000e+00 0.0000e+00 -1.7187e+01 6.0347e+01 -7.3014e+00

741 1508 0.0000e+00 0.0000e+00 0.0000e+00 -2.2495e+01 -4.9242e+01 -1.3438e+01  
1834 0.0000e+00 0.0000e+00 0.0000e+00 1.6410e-01 3.4634e+00 -1.6580e+01  
1835 0.0000e+00 0.0000e+00 0.0000e+00 -1.1021e+01 1.0013e+01 -1.3941e+01  
1509 0.0000e+00 0.0000e+00 0.0000e+00 -1.6896e+01 5.6779e+01 -1.0798e+01

742 1507 0.0000e+00 0.0000e+00 0.0000e+00 -2.8109e+01 -9.3687e+01 -1.5531e+01  
1833 0.0000e+00 0.0000e+00 0.0000e+00 -3.8163e+00 -2.9362e+01 -1.6658e+01  
1834 0.0000e+00 0.0000e+00 0.0000e+00 -1.5385e+01 -1.5485e+01 -1.6085e+01  
1508 0.0000e+00 0.0000e+00 0.0000e+00 -1.8544e+01 4.7550e+01 -1.4958e+01

743 32 0.0000e+00 0.0000e+00 0.0000e+00 -8.5541e+01 -1.5640e+02 -3.2285e+00  
87 0.0000e+00 0.0000e+00 0.0000e+00 3.1226e+01 -9.0778e+01 -1.2666e+00  
1833 0.0000e+00 0.0000e+00 0.0000e+00 -2.7326e+01 -6.6721e+01 -1.9073e+01  
1507 0.0000e+00 0.0000e+00 0.0000e+00 -2.3501e+01 3.8961e+01 -2.1035e+01

744 1446 0.0000e+00 0.0000e+00 0.0000e+00 -2.0212e+01 4.1969e+01 1.6617e+01  
1832 0.0000e+00 0.0000e+00 0.0000e+00 -2.8041e+01 -6.0719e+01 1.3949e+01  
87 0.0000e+00 0.0000e+00 0.0000e+00 3.1808e+01 -8.9027e+01 -4.5353e+00  
32 0.0000e+00 0.0000e+00 0.0000e+00 -8.5280e+01 -1.5391e+02 -1.8669e+00

745 1445 0.0000e+00 0.0000e+00 0.0000e+00 -1.6438e+01 5.2866e+01 8.8628e+00  
1831 0.0000e+00 0.0000e+00 0.0000e+00 -1.5709e+01 -9.8010e+00 1.0590e+01

	1832	0.0000e+00	0.0000e+00	0.0000e+00	-2.3956e-01	-2.0990e+01	1.2310e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-2.8529e+01	-8.7175e+01	1.0583e+01
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	-1.5700e+01	6.1185e+01	3.7402e+00
	1830	0.0000e+00	0.0000e+00	0.0000e+00	-1.1388e+01	1.7206e+01	6.8246e+00
	1831	0.0000e+00	0.0000e+00	0.0000e+00	1.1766e+00	1.2113e+01	1.0330e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-2.2233e+01	-3.9037e+01	7.2458e+00
747	1443	0.0000e+00	0.0000e+00	0.0000e+00	-1.6720e+01	6.1937e+01	-6.2533e-01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-8.6964e+00	3.5255e+01	1.8262e+00
	1830	0.0000e+00	0.0000e+00	0.0000e+00	-7.4051e-01	3.2443e+01	5.3346e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-1.9882e+01	-1.4152e+00	2.8831e+00
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.8185e+01	5.4534e+01	-4.3044e+00
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-6.4498e+00	4.4793e+01	-3.0230e+00
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-2.9895e+00	4.3632e+01	1.9648e-01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-1.9139e+01	2.7305e+01	-1.0849e+00
749	1441	0.0000e+00	0.0000e+00	0.0000e+00	-1.9751e+01	3.8486e+01	-7.6589e+00
	1827	0.0000e+00	0.0000e+00	0.0000e+00	-4.3235e+00	4.6055e+01	-7.7117e+00
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-5.4132e+00	4.6400e+01	-4.6432e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.8764e+01	4.7693e+01	-4.5904e+00
750	1440	0.0000e+00	0.0000e+00	0.0000e+00	-2.1688e+01	1.3259e+01	-1.1056e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-2.2750e+00	3.8744e+01	-1.2349e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	-8.0369e+00	4.0764e+01	-9.2755e+00
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-1.8453e+01	5.9963e+01	-7.9830e+00
751	1439	0.0000e+00	0.0000e+00	0.0000e+00	-2.5084e+01	-2.2088e+01	-1.4485e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	-4.2013e-01	2.1897e+01	-1.6611e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-1.1155e+01	2.6203e+01	-1.3741e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.8507e+01	6.4316e+01	-1.1614e+01
752	1438	0.0000e+00	0.0000e+00	0.0000e+00	-3.1877e+01	-6.9515e+01	-1.6757e+01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-1.3157e+00	-8.0102e+00	-1.8113e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	-1.5795e+01	1.9462e+00	-1.6919e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-2.0051e+01	6.1009e+01	-1.5563e+01
753	31	0.0000e+00	0.0000e+00	0.0000e+00	-8.2167e+01	-1.3671e+02	-5.0922e+00
	86	0.0000e+00	0.0000e+00	0.0000e+00	2.7763e+01	-7.0365e+01	-3.5497e+00
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-2.7362e+01	-4.5551e+01	-1.9841e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-2.4025e+01	5.4116e+01	-2.1384e+01
754	1823	0.0000e+00	0.0000e+00	0.0000e+00	-3.5595e+01	2.0102e+00	1.8411e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	-5.4566e+01	8.1332e+01	-9.6100e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	-8.9588e+01	-7.9099e+01	-6.3620e-01
	77	0.0000e+00	0.0000e+00	0.0000e+00	-5.0388e+01	-1.9968e+01	2.7384e+01
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	-1.8106e+01	2.9205e+01	3.2090e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	-3.1593e+01	7.8194e+01	-3.6648e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	-5.2086e+01	-2.4204e+01	-1.9353e+00
	1823	0.0000e+00	0.0000e+00	0.0000e+00	-9.8328e+00	2.0894e+01	4.9385e+00
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	-1.0890e+01	4.8210e+01	3.2633e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	-2.4256e+01	7.3444e+01	1.7988e+00
	690	0.0000e+00	0.0000e+00	0.0000e+00	-3.1974e+01	1.3988e+01	-8.8127e-02
	1822	0.0000e+00	0.0000e+00	0.0000e+00	-5.7755e+00	4.3468e+01	1.3763e+00
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	-7.1867e+00	5.6781e+01	7.0757e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	-2.2030e+01	6.3277e+01	6.6154e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	-2.4871e+01	4.1386e+01	3.4277e+00
	1821	0.0000e+00	0.0000e+00	0.0000e+00	-5.1642e+00	5.5055e+01	3.8880e+00
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	-4.8504e+00	5.6878e+01	1.2114e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-2.2235e+01	4.6365e+01	1.1427e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-2.1927e+01	6.0006e+01	7.8266e+00
	1820	0.0000e+00	0.0000e+00	0.0000e+00	-6.3799e+00	5.7594e+01	8.5137e+00
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	-3.2982e+00	4.8699e+01	1.7119e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-2.4492e+01	2.1742e+01	1.6042e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-2.1209e+01	7.1035e+01	1.2586e+01
	1819	0.0000e+00	0.0000e+00	0.0000e+00	-8.4965e+00	5.1854e+01	1.3663e+01
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	-2.6974e+00	3.1631e+01	2.0914e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-2.9665e+01	-1.1915e+01	1.9888e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-2.2555e+01	7.5294e+01	1.7284e+01
	1818	0.0000e+00	0.0000e+00	0.0000e+00	-1.1632e+01	3.7608e+01	1.8309e+01
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	-4.2541e+00	3.9401e+00	2.1243e+01



	678	0.0000e+00	0.0000e+00	0.0000e+00	-4.0767e+01	-5.6848e+01	2.1927e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-2.7064e+01	7.3647e+01	2.1548e+01
	1817	0.0000e+00	0.0000e+00	0.0000e+00	-1.6741e+01	1.3713e+01	2.0864e+01
762	1815	0.0000e+00	0.0000e+00	0.0000e+00	-1.1922e+01	-3.8211e+01	1.2469e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-6.7347e+01	-1.1749e+02	2.0326e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-3.8511e+01	6.7969e+01	2.5372e+01
	1816	0.0000e+00	0.0000e+00	0.0000e+00	-2.6789e+01	-2.2666e+01	1.7515e+01
763	76	0.0000e+00	0.0000e+00	0.0000e+00	-3.8192e+01	-1.0124e+02	-1.9602e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.3795e+02	-2.0497e+02	1.2321e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-6.9028e+01	6.5093e+01	2.9939e+01
	1815	0.0000e+00	0.0000e+00	0.0000e+00	-5.0365e+01	-7.8280e+01	-1.9841e+00
764	1814	0.0000e+00	0.0000e+00	0.0000e+00	-4.9390e+01	-7.2362e+01	1.0363e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-6.2544e+01	6.6725e+01	-2.1970e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.3855e+02	-2.0056e+02	-4.4869e+00
	76	0.0000e+00	0.0000e+00	0.0000e+00	-3.6615e+01	-9.7232e+01	2.7845e+01
765	1813	0.0000e+00	0.0000e+00	0.0000e+00	-2.5708e+01	-1.5559e+01	-8.6831e+00
	574	0.0000e+00	0.0000e+00	0.0000e+00	-3.2746e+01	7.0136e+01	-1.5293e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-6.4470e+01	-1.0795e+02	-1.1425e+01
	1814	0.0000e+00	0.0000e+00	0.0000e+00	-6.9102e+00	-3.0165e+01	-4.8152e+00
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	-1.5921e+01	2.1355e+01	-9.2854e+00
	572	0.0000e+00	0.0000e+00	0.0000e+00	-2.2943e+01	7.4824e+01	-9.5329e+00
	574	0.0000e+00	0.0000e+00	0.0000e+00	-3.7571e+01	-4.4718e+01	-1.1636e+01
	1813	0.0000e+00	0.0000e+00	0.0000e+00	-1.7769e+00	1.3054e+01	-1.1388e+01
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	-1.0749e+01	4.4155e+01	-4.0381e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	-1.9781e+01	7.3514e+01	-3.1157e+00
	572	0.0000e+00	0.0000e+00	0.0000e+00	-2.6917e+01	1.1898e+00	-7.5650e+00
	1812	0.0000e+00	0.0000e+00	0.0000e+00	-1.8091e+00	3.9650e+01	-8.4874e+00
768	1810	0.0000e+00	0.0000e+00	0.0000e+00	-7.3442e+00	5.5577e+01	3.1177e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	-1.9825e+01	6.4125e+01	3.8664e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	-2.2114e+01	3.4472e+01	-1.4174e+00
	1811	0.0000e+00	0.0000e+00	0.0000e+00	-3.5913e+00	5.3827e+01	-2.1662e+00
769	1809	0.0000e+00	0.0000e+00	0.0000e+00	-4.8738e+00	5.6395e+01	1.0461e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-2.2407e+01	4.5389e+01	1.0778e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	-2.0376e+01	5.7458e+01	5.5428e+00
	1810	0.0000e+00	0.0000e+00	0.0000e+00	-6.2835e+00	5.7161e+01	5.2249e+00
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	-3.2716e+00	4.6190e+01	1.6582e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-2.8221e+01	1.5701e+01	1.6754e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-2.1161e+01	7.1509e+01	1.2470e+01
	1809	0.0000e+00	0.0000e+00	0.0000e+00	-9.9953e+00	4.9783e+01	1.2298e+01
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	-3.4921e+00	2.3097e+01	1.9039e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-4.0259e+01	-2.7556e+01	2.0489e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-2.5297e+01	7.7676e+01	1.8724e+01
	1808	0.0000e+00	0.0000e+00	0.0000e+00	-1.5617e+01	3.0633e+01	1.7274e+01
772	1806	0.0000e+00	0.0000e+00	0.0000e+00	-8.0606e+00	-1.6798e+01	1.1868e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-6.9998e+01	-8.9412e+01	1.9820e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-3.6478e+01	7.7960e+01	2.4225e+01
	1807	0.0000e+00	0.0000e+00	0.0000e+00	-2.6030e+01	-3.6638e+00	1.6273e+01
773	75	0.0000e+00	0.0000e+00	0.0000e+00	-5.6408e+01	-7.5033e+01	-1.8717e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.3220e+02	-1.8095e+02	1.6755e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-6.9825e+01	7.8293e+01	2.9396e+01
	1806	0.0000e+00	0.0000e+00	0.0000e+00	-4.9419e+01	-5.3478e+01	-6.0760e+00
774	1805	0.0000e+00	0.0000e+00	0.0000e+00	-4.9645e+01	-5.2475e+01	8.2156e+00
	459	0.0000e+00	0.0000e+00	0.0000e+00	-6.9657e+01	8.1488e+01	-2.7175e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.3242e+02	-1.8254e+02	-1.4996e+01
	74	0.0000e+00	0.0000e+00	0.0000e+00	-5.6089e+01	-7.3492e+01	2.0394e+01
775	1804	0.0000e+00	0.0000e+00	0.0000e+00	-2.6285e+01	-1.3929e+00	-1.3784e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	-3.6003e+01	8.2194e+01	-2.1668e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-6.9986e+01	-8.9929e+01	-1.7525e+01
	1805	0.0000e+00	0.0000e+00	0.0000e+00	-7.7185e+00	-1.4815e+01	-9.6416e+00
776	1803	0.0000e+00	0.0000e+00	0.0000e+00	-1.5842e+01	3.4157e+01	-1.4371e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	-2.4695e+01	8.3104e+01	-1.5680e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	-4.0015e+01	-2.6985e+01	-1.7790e+01
	1804	0.0000e+00	0.0000e+00	0.0000e+00	-3.0812e+00	2.6280e+01	-1.6482e+01

777 1802 0.0000e+00 0.0000e+00 0.0000e+00 -1.0221e+01 5.4557e+01 -8.8765e+00  
453 0.0000e+00 0.0000e+00 0.0000e+00 -2.0573e+01 7.8166e+01 -8.8407e+00  
455 0.0000e+00 0.0000e+00 0.0000e+00 -2.7886e+01 1.7399e+01 -1.3543e+01  
1803 0.0000e+00 0.0000e+00 0.0000e+00 -2.8381e+00 5.0626e+01 -1.3578e+01

778 1801 0.0000e+00 0.0000e+00 0.0000e+00 -6.5400e+00 6.3159e+01 -1.2310e+00  
451 0.0000e+00 0.0000e+00 0.0000e+00 -1.9957e+01 6.5292e+01 -1.2732e+00  
453 0.0000e+00 0.0000e+00 0.0000e+00 -2.2113e+01 4.8301e+01 -6.9625e+00  
1802 0.0000e+00 0.0000e+00 0.0000e+00 -4.4670e+00 6.2072e+01 -6.9203e+00

779 1800 0.0000e+00 0.0000e+00 0.0000e+00 -3.9101e+00 6.0956e+01 6.7238e+00  
449 0.0000e+00 0.0000e+00 0.0000e+00 -2.2068e+01 4.3297e+01 6.3292e+00  
451 0.0000e+00 0.0000e+00 0.0000e+00 -1.9719e+01 6.8370e+01 6.0260e-01  
1801 0.0000e+00 0.0000e+00 0.0000e+00 -7.0306e+00 6.2424e+01 9.9721e-01

780 1799 0.0000e+00 0.0000e+00 0.0000e+00 -2.2381e+00 4.7681e+01 1.3500e+01  
447 0.0000e+00 0.0000e+00 0.0000e+00 -2.7562e+01 1.0620e+01 1.3044e+01  
449 0.0000e+00 0.0000e+00 0.0000e+00 -2.0059e+01 7.9222e+01 8.2365e+00  
1800 0.0000e+00 0.0000e+00 0.0000e+00 -1.0632e+01 5.1995e+01 8.6924e+00

781 1798 0.0000e+00 0.0000e+00 0.0000e+00 -2.4709e+00 2.1535e+01 1.6549e+01  
445 0.0000e+00 0.0000e+00 0.0000e+00 -3.9488e+01 -3.5349e+01 1.7496e+01  
447 0.0000e+00 0.0000e+00 0.0000e+00 -2.3923e+01 8.2120e+01 1.5248e+01  
1799 0.0000e+00 0.0000e+00 0.0000e+00 -1.6185e+01 2.9833e+01 1.4302e+01

782 1797 0.0000e+00 0.0000e+00 0.0000e+00 -7.6534e+00 -2.1711e+01 9.5357e+00  
443 0.0000e+00 0.0000e+00 0.0000e+00 -6.9433e+01 -9.9731e+01 1.7365e+01  
445 0.0000e+00 0.0000e+00 0.0000e+00 -3.5076e+01 7.9232e+01 2.1527e+01  
1798 0.0000e+00 0.0000e+00 0.0000e+00 -2.6701e+01 -7.3013e+00 1.3698e+01

783 73 0.0000e+00 0.0000e+00 0.0000e+00 -5.0111e+01 -8.6118e+01 -2.3288e+01  
7 0.0000e+00 0.0000e+00 0.0000e+00 -1.4020e+02 -1.9449e+02 1.2736e+01  
443 0.0000e+00 0.0000e+00 0.0000e+00 -6.8625e+01 7.7364e+01 2.8002e+01  
1797 0.0000e+00 0.0000e+00 0.0000e+00 -5.1237e+01 -6.2229e+01 -8.0227e+00

784 1371 0.0000e+00 0.0000e+00 0.0000e+00 -2.3512e+01 5.6032e+01 2.0165e+01  
1796 0.0000e+00 0.0000e+00 0.0000e+00 -2.7367e+01 -4.4358e+01 1.8696e+01  
85 0.0000e+00 0.0000e+00 0.0000e+00 2.8009e+01 -6.9312e+01 2.5852e+00  
30 0.0000e+00 0.0000e+00 0.0000e+00 -8.1761e+01 -1.3675e+02 4.0543e+00

785 1370 0.0000e+00 0.0000e+00 0.0000e+00 -1.9499e+01 6.3706e+01 1.4064e+01  
1795 0.0000e+00 0.0000e+00 0.0000e+00 -1.5834e+01 3.7008e+00 1.5507e+01  
1796 0.0000e+00 0.0000e+00 0.0000e+00 -1.0277e+00 -6.4063e+00 1.6907e+01  
1371 0.0000e+00 0.0000e+00 0.0000e+00 -3.1483e+01 -6.9276e+01 1.5464e+01

786 1369 0.0000e+00 0.0000e+00 0.0000e+00 -1.7980e+01 6.7924e+01 9.7865e+00  
1794 0.0000e+00 0.0000e+00 0.0000e+00 -1.1234e+01 2.8629e+01 1.2049e+01  
1795 0.0000e+00 0.0000e+00 0.0000e+00 -1.0763e-01 2.4157e+01 1.5141e+01  
1370 0.0000e+00 0.0000e+00 0.0000e+00 -2.4682e+01 -2.1463e+01 1.2879e+01

787 1368 0.0000e+00 0.0000e+00 0.0000e+00 -1.8058e+01 6.4593e+01 5.8279e+00  
1793 0.0000e+00 0.0000e+00 0.0000e+00 -8.1748e+00 4.3950e+01 7.3243e+00  
1794 0.0000e+00 0.0000e+00 0.0000e+00 -1.9556e+00 4.1760e+01 1.0604e+01  
1369 0.0000e+00 0.0000e+00 0.0000e+00 -2.1351e+01 1.4408e+01 9.1076e+00

788 1367 0.0000e+00 0.0000e+00 0.0000e+00 -1.8648e+01 5.3383e+01 2.1655e+00  
1792 0.0000e+00 0.0000e+00 0.0000e+00 -5.6341e+00 5.0405e+01 2.5014e+00  
1793 0.0000e+00 0.0000e+00 0.0000e+00 -4.0371e+00 4.9897e+01 5.7202e+00  
1368 0.0000e+00 0.0000e+00 0.0000e+00 -1.9589e+01 4.0335e+01 5.3843e+00

789 1366 0.0000e+00 0.0000e+00 0.0000e+00 -1.9482e+01 3.3962e+01 -1.4798e+00  
1791 0.0000e+00 0.0000e+00 0.0000e+00 -3.3145e+00 4.8453e+01 -2.3986e+00  
1792 0.0000e+00 0.0000e+00 0.0000e+00 -6.2551e+00 4.9474e+01 8.6421e-01  
1367 0.0000e+00 0.0000e+00 0.0000e+00 -1.8339e+01 5.7291e+01 1.7831e+00

790 1365 0.0000e+00 0.0000e+00 0.0000e+00 -2.0874e+01 5.9154e+00 -5.3744e+00  
1790 0.0000e+00 0.0000e+00 0.0000e+00 -1.1787e+00 3.7978e+01 -7.4027e+00  
1791 0.0000e+00 0.0000e+00 0.0000e+00 -8.6693e+00 4.0695e+01 -4.0113e+00  
1366 0.0000e+00 0.0000e+00 0.0000e+00 -1.7350e+01 6.5820e+01 -1.9830e+00

791 1364 0.0000e+00 0.0000e+00 0.0000e+00 -2.4023e+01 -3.1599e+01 -9.3709e+00  
1789 0.0000e+00 0.0000e+00 0.0000e+00 6.3857e-01 1.8122e+01 -1.2024e+01  
1790 0.0000e+00 0.0000e+00 0.0000e+00 -1.1612e+01 2.3186e+01 -8.8362e+00  
1365 0.0000e+00 0.0000e+00 0.0000e+00 -1.6960e+01 6.6386e+01 -6.1833e+00

792 1363 0.0000e+00 0.0000e+00 0.0000e+00 -3.1198e+01 -8.0508e+01 -1.1995e+01  
1788 0.0000e+00 0.0000e+00 0.0000e+00 -6.6102e-01 -1.4877e+01 -1.3424e+01  
1789 0.0000e+00 0.0000e+00 0.0000e+00 -1.6240e+01 -3.7132e+00 -1.2229e+01

	1364	0.0000e+00	0.0000e+00	0.0000e+00	-1.8412e+01	5.9475e+01	-1.0801e+01
793	29	0.0000e+00	0.0000e+00	0.0000e+00	-8.6483e+01	-1.4898e+02	1.2075e+00
	84	0.0000e+00	0.0000e+00	0.0000e+00	2.9632e+01	-8.3088e+01	3.8827e+00
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-2.8714e+01	-5.4456e+01	-1.4788e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-2.2906e+01	4.9627e+01	-1.7463e+01
794	1296	0.0000e+00	0.0000e+00	0.0000e+00	-2.2906e+01	4.9630e+01	1.7469e+01
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-2.8718e+01	-5.4457e+01	1.4790e+01
	82	0.0000e+00	0.0000e+00	0.0000e+00	2.9634e+01	-8.3108e+01	-3.8891e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	-8.6497e+01	-1.4899e+02	-1.2103e+00
795	1295	0.0000e+00	0.0000e+00	0.0000e+00	-1.8413e+01	5.9481e+01	1.0805e+01
	1786	0.0000e+00	0.0000e+00	0.0000e+00	-1.6241e+01	-3.7106e+00	1.2233e+01
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-6.6101e-01	-1.4876e+01	1.3427e+01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-3.1200e+01	-8.0510e+01	1.1999e+01
796	1294	0.0000e+00	0.0000e+00	0.0000e+00	-1.6960e+01	6.6392e+01	6.1863e+00
	1785	0.0000e+00	0.0000e+00	0.0000e+00	-1.1613e+01	2.3190e+01	8.8394e+00
	1786	0.0000e+00	0.0000e+00	0.0000e+00	6.3880e-01	1.8125e+01	1.2028e+01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	-2.4024e+01	-3.1599e+01	9.3746e+00
797	1293	0.0000e+00	0.0000e+00	0.0000e+00	-1.7350e+01	6.5826e+01	1.9851e+00
	1784	0.0000e+00	0.0000e+00	0.0000e+00	-8.6695e+00	4.0700e+01	4.0133e+00
	1785	0.0000e+00	0.0000e+00	0.0000e+00	-1.1786e+00	3.7983e+01	7.4056e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	-2.0875e+01	5.9180e+00	5.3773e+00
798	1292	0.0000e+00	0.0000e+00	0.0000e+00	-1.8338e+01	5.7296e+01	-1.7820e+00
	1783	0.0000e+00	0.0000e+00	0.0000e+00	-6.2552e+00	4.9480e+01	-8.6338e-01
	1784	0.0000e+00	0.0000e+00	0.0000e+00	-3.3143e+00	4.8459e+01	2.4004e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	-1.9482e+01	3.3967e+01	1.4817e+00
799	1291	0.0000e+00	0.0000e+00	0.0000e+00	-1.9587e+01	4.0340e+01	-5.3847e+00
	1782	0.0000e+00	0.0000e+00	0.0000e+00	-4.0369e+00	4.9903e+01	-5.7208e+00
	1783	0.0000e+00	0.0000e+00	0.0000e+00	-5.6338e+00	5.0412e+01	-2.5008e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-1.8648e+01	5.3388e+01	-2.1648e+00
800	1290	0.0000e+00	0.0000e+00	0.0000e+00	-2.1349e+01	1.4413e+01	-9.1099e+00
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-1.9553e+00	4.1766e+01	-1.0606e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	-8.1745e+00	4.3957e+01	-7.3252e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-1.8057e+01	6.4598e+01	-5.8288e+00
801	1289	0.0000e+00	0.0000e+00	0.0000e+00	-2.4681e+01	-2.1458e+01	-1.2883e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	-1.0758e-01	2.4164e+01	-1.5145e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-1.1234e+01	2.8635e+01	-1.2051e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-1.7978e+01	6.7930e+01	-9.7893e+00
802	1288	0.0000e+00	0.0000e+00	0.0000e+00	-3.1484e+01	-6.9273e+01	-1.5471e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-1.0296e+00	-6.3995e+00	-1.6913e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	-1.5835e+01	3.7073e+00	-1.5511e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-1.9498e+01	6.3713e+01	-1.4069e+01
803	26	0.0000e+00	0.0000e+00	0.0000e+00	-8.1779e+01	-1.3675e+02	-4.0670e+00
	81	0.0000e+00	0.0000e+00	0.0000e+00	2.8011e+01	-6.9299e+01	-2.5931e+00
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-2.7371e+01	-4.4356e+01	-1.8701e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-2.3515e+01	5.6045e+01	-2.0175e+01
804	1778	0.0000e+00	0.0000e+00	0.0000e+00	-5.1273e+01	-6.2431e+01	7.9600e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	-6.8644e+01	7.7335e+01	-2.8039e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-1.4026e+02	-1.9486e+02	-1.2724e+01
	71	0.0000e+00	0.0000e+00	0.0000e+00	-5.0053e+01	-8.6418e+01	2.3275e+01
805	1777	0.0000e+00	0.0000e+00	0.0000e+00	-2.6728e+01	-7.4184e+00	-1.3764e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	-3.5099e+01	7.9253e+01	-2.1583e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	-6.9477e+01	-9.9991e+01	-1.7412e+01
	1778	0.0000e+00	0.0000e+00	0.0000e+00	-7.6408e+00	-2.1851e+01	-9.5927e+00
806	1776	0.0000e+00	0.0000e+00	0.0000e+00	-1.6206e+01	2.9778e+01	-1.4370e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	-2.3937e+01	8.2178e+01	-1.5313e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	-3.9525e+01	-3.5524e+01	-1.7558e+01
	1777	0.0000e+00	0.0000e+00	0.0000e+00	-2.4617e+00	2.1467e+01	-1.6615e+01
807	1775	0.0000e+00	0.0000e+00	0.0000e+00	-1.0648e+01	5.1994e+01	-8.7596e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-2.0059e+01	7.9315e+01	-8.3026e+00
	338	0.0000e+00	0.0000e+00	0.0000e+00	-2.7585e+01	1.0512e+01	-1.3111e+01
	1776	0.0000e+00	0.0000e+00	0.0000e+00	-2.2283e+00	4.7668e+01	-1.3568e+01
808	1774	0.0000e+00	0.0000e+00	0.0000e+00	-7.0415e+00	6.2471e+01	-1.0591e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-1.9704e+01	6.8501e+01	-6.6388e-01

	336	0.0000e+00	0.0000e+00	0.0000e+00	-2.2076e+01	4.3240e+01	-6.3949e+00
	1775	0.0000e+00	0.0000e+00	0.0000e+00	-3.8976e+00	6.0993e+01	-6.7901e+00
809	1773	0.0000e+00	0.0000e+00	0.0000e+00	-4.4746e+00	6.2168e+01	6.8684e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.2083e+01	4.8480e+01	6.9116e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-1.9950e+01	6.5277e+01	1.2141e+00
	1774	0.0000e+00	0.0000e+00	0.0000e+00	-6.5234e+00	6.3244e+01	1.1710e+00
810	1772	0.0000e+00	0.0000e+00	0.0000e+00	-2.8432e+00	5.0775e+01	1.3542e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-2.7841e+01	1.7637e+01	1.3508e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.0552e+01	7.8188e+01	8.7934e+00
	1773	0.0000e+00	0.0000e+00	0.0000e+00	-1.0199e+01	5.4692e+01	8.8275e+00
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	-3.0838e+00	2.6491e+01	1.6467e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-3.9952e+01	-2.6673e+01	1.7777e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-2.4660e+01	8.3161e+01	1.5649e+01
	1772	0.0000e+00	0.0000e+00	0.0000e+00	-1.5813e+01	3.4351e+01	1.4339e+01
812	1770	0.0000e+00	0.0000e+00	0.0000e+00	-7.7132e+00	-1.4528e+01	9.6611e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	-6.9894e+01	-8.9522e+01	1.7542e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-3.5951e+01	8.2289e+01	2.1659e+01
	1771	0.0000e+00	0.0000e+00	0.0000e+00	-2.6245e+01	-1.1277e+00	1.3779e+01
813	70	0.0000e+00	0.0000e+00	0.0000e+00	-5.6106e+01	-7.3138e+01	-2.0332e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3224e+02	-1.8201e+02	1.5046e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	-6.9573e+01	8.1613e+01	2.7192e+01
	1770	0.0000e+00	0.0000e+00	0.0000e+00	-4.9587e+01	-5.2107e+01	-8.1859e+00
814	1769	0.0000e+00	0.0000e+00	0.0000e+00	-4.9512e+01	-5.4049e+01	5.9714e+00
	233	0.0000e+00	0.0000e+00	0.0000e+00	-6.9930e+01	7.8153e+01	-2.9460e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3241e+02	-1.8189e+02	-1.6728e+01
	69	0.0000e+00	0.0000e+00	0.0000e+00	-5.6318e+01	-7.5731e+01	1.8703e+01
815	1768	0.0000e+00	0.0000e+00	0.0000e+00	-2.6101e+01	-4.0439e+00	-1.6409e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	-3.6573e+01	7.7906e+01	-2.4347e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	-7.0149e+01	-9.0093e+01	-1.9907e+01
	1769	0.0000e+00	0.0000e+00	0.0000e+00	-8.0488e+00	-1.7225e+01	-1.1969e+01
816	1767	0.0000e+00	0.0000e+00	0.0000e+00	-1.5672e+01	3.0389e+01	-1.7438e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	-2.5365e+01	7.7686e+01	-1.8884e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	-4.0379e+01	-2.8036e+01	-2.0626e+01
	1768	0.0000e+00	0.0000e+00	0.0000e+00	-3.4843e+00	2.2824e+01	-1.9180e+01
817	1766	0.0000e+00	0.0000e+00	0.0000e+00	-1.0035e+01	4.9646e+01	-1.2480e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-2.1199e+01	7.1570e+01	-1.2651e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	-2.8307e+01	1.5373e+01	-1.6922e+01
	1767	0.0000e+00	0.0000e+00	0.0000e+00	-3.2631e+00	4.6032e+01	-1.6750e+01
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	-6.3115e+00	5.7113e+01	-5.4157e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.0384e+01	5.7574e+01	-5.7351e+00
	227	0.0000e+00	0.0000e+00	0.0000e+00	-2.2459e+01	4.5173e+01	-1.0964e+01
	1766	0.0000e+00	0.0000e+00	0.0000e+00	-4.8611e+00	5.6330e+01	-1.0645e+01
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	-3.6103e+00	5.3860e+01	1.9745e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	-2.2091e+01	3.4655e+01	1.2240e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	-1.9844e+01	6.3991e+01	-4.0598e+00
	1765	0.0000e+00	0.0000e+00	0.0000e+00	-7.3244e+00	5.5593e+01	-3.3093e+00
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	-1.8222e+00	3.9765e+01	8.3024e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	-2.6864e+01	1.4607e+00	7.3799e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.9770e+01	7.3443e+01	2.9244e+00
	1764	0.0000e+00	0.0000e+00	0.0000e+00	-1.0720e+01	4.4253e+01	3.8469e+00
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	-1.7882e+00	1.3264e+01	1.1217e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-3.7490e+01	-4.4327e+01	1.1469e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-2.2905e+01	7.4807e+01	9.3536e+00
	1763	0.0000e+00	0.0000e+00	0.0000e+00	-1.5881e+01	2.1543e+01	9.1018e+00
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	-6.9233e+00	-2.9824e+01	4.6699e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	-6.4368e+01	-1.0740e+02	1.1292e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-3.2686e+01	7.0175e+01	1.5137e+01
	1762	0.0000e+00	0.0000e+00	0.0000e+00	-2.5654e+01	-1.5261e+01	8.5145e+00
823	68	0.0000e+00	0.0000e+00	0.0000e+00	-3.6712e+01	-9.6593e+01	-2.7889e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3836e+02	-1.9979e+02	4.4698e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	-6.2485e+01	6.6838e+01	2.1849e+01
	1761	0.0000e+00	0.0000e+00	0.0000e+00	-4.9306e+01	-7.1902e+01	-1.0511e+01
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	-5.0288e+01	-7.7780e+01	2.0502e+00

	117	0.0000e+00	0.0000e+00	0.0000e+00	-6.8941e+01	6.5218e+01	-2.9910e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3774e+02	-2.0417e+02	-1.2367e+01
	68	0.0000e+00	0.0000e+00	0.0000e+00	-3.8302e+01	-1.0064e+02	1.9593e+01
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	-2.6733e+01	-2.2332e+01	-1.7436e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-3.8426e+01	6.8046e+01	-2.5306e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	-6.7233e+01	-1.1691e+02	-2.0284e+01
	1760	0.0000e+00	0.0000e+00	0.0000e+00	-1.1917e+01	-3.7829e+01	-1.2414e+01
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	-1.6698e+01	1.3949e+01	-2.0765e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-2.6995e+01	7.3687e+01	-2.1455e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-4.0667e+01	-5.6423e+01	-2.1850e+01
	1759	0.0000e+00	0.0000e+00	0.0000e+00	-4.2527e+00	4.2029e+00	-2.1159e+01
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	-1.1599e+01	3.7769e+01	-1.8199e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-2.2505e+01	7.5310e+01	-1.7174e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-2.9587e+01	-1.1612e+01	-1.9788e+01
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-2.6956e+00	3.1811e+01	-2.0813e+01
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	-8.4745e+00	5.1957e+01	-1.3547e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-2.1180e+01	7.1034e+01	-1.2467e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-2.4437e+01	2.1955e+01	-1.5928e+01
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-3.2982e+00	4.8817e+01	-1.7007e+01
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	-6.3676e+00	5.7653e+01	-8.3989e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-2.1922e+01	5.9987e+01	-7.7062e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	-2.2204e+01	4.6514e+01	-1.1306e+01
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-4.8544e+00	5.6948e+01	-1.1999e+01
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	-5.1626e+00	5.5074e+01	-3.7828e+00
	105	0.0000e+00	0.0000e+00	0.0000e+00	-2.4896e+01	4.1344e+01	-3.3125e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-2.2025e+01	6.3384e+01	-6.4935e+00
	1755	0.0000e+00	0.0000e+00	0.0000e+00	-7.1979e+00	5.6811e+01	-6.9639e+00
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	-5.7912e+00	4.3443e+01	-1.2957e+00
	103	0.0000e+00	0.0000e+00	0.0000e+00	-3.2048e+01	1.3908e+01	1.8955e-01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-2.4284e+01	7.3526e+01	-1.6810e+00
	1754	0.0000e+00	0.0000e+00	0.0000e+00	-1.0915e+01	4.8199e+01	-3.1663e+00
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	-9.8793e+00	2.0812e+01	-4.9135e+00
	101	0.0000e+00	0.0000e+00	0.0000e+00	-5.2271e+01	-2.4349e+01	2.0126e+00
	103	0.0000e+00	0.0000e+00	0.0000e+00	-3.1676e+01	7.8270e+01	3.7771e+00
	1753	0.0000e+00	0.0000e+00	0.0000e+00	-1.8161e+01	2.9139e+01	-3.1490e+00
833	67	0.0000e+00	0.0000e+00	0.0000e+00	-5.0679e+01	-2.0119e+01	-2.7488e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	-8.9942e+01	-7.9359e+01	6.9865e-01
	101	0.0000e+00	0.0000e+00	0.0000e+00	-5.4785e+01	8.1430e+01	9.7186e+00
	1752	0.0000e+00	0.0000e+00	0.0000e+00	-3.5726e+01	1.8956e+00	-1.8468e+01
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	-2.4033e+01	5.4087e+01	2.1427e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-2.7375e+01	-4.5607e+01	1.9875e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	2.7773e+01	-7.0447e+01	3.5628e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	-8.2216e+01	-1.3678e+02	5.1148e+00
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	-2.0055e+01	6.0980e+01	1.5605e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-1.5798e+01	1.9040e+00	1.6959e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-1.3182e+00	-8.0565e+00	1.8149e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-3.1886e+01	-6.9567e+01	1.6795e+01
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	-1.8508e+01	6.4289e+01	1.1658e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-1.1157e+01	2.6165e+01	1.3784e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-4.1992e-01	2.1858e+01	1.6652e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	-2.5088e+01	-2.2133e+01	1.4527e+01
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	-1.8450e+01	5.9940e+01	8.0295e+00
	1748	0.0000e+00	0.0000e+00	0.0000e+00	-8.0376e+00	4.0730e+01	9.3207e+00
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-2.2736e+00	3.8710e+01	1.2392e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	-2.1689e+01	1.3217e+01	1.1101e+01
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	-1.8755e+01	4.7680e+01	4.6384e+00
	1747	0.0000e+00	0.0000e+00	0.0000e+00	-5.4130e+00	4.6372e+01	4.6898e+00
	1748	0.0000e+00	0.0000e+00	0.0000e+00	-4.3203e+00	4.6027e+01	7.7573e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-1.9747e+01	3.8445e+01	7.7060e+00
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	-1.9123e+01	2.7307e+01	1.1329e+00
	1746	0.0000e+00	0.0000e+00	0.0000e+00	-2.9887e+00	4.3614e+01	-1.4992e-01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	-6.4440e+00	4.4772e+01	3.0698e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-1.8176e+01	5.4493e+01	4.3527e+00

840 1215 0.0000e+00 0.0000e+00 0.0000e+00 -1.9857e+01 -1.3887e+00 -2.8375e+00  
1745 0.0000e+00 0.0000e+00 0.0000e+00 -7.3951e-01 3.2440e+01 -5.2901e+00  
1746 0.0000e+00 0.0000e+00 0.0000e+00 -8.6871e+00 3.5248e+01 -1.7797e+00  
1216 0.0000e+00 0.0000e+00 0.0000e+00 -1.6705e+01 6.1896e+01 6.7294e-01

841 1214 0.0000e+00 0.0000e+00 0.0000e+00 -2.2198e+01 -3.8974e+01 -7.2061e+00  
1744 0.0000e+00 0.0000e+00 0.0000e+00 1.1770e+00 1.2133e+01 -1.0290e+01  
1745 0.0000e+00 0.0000e+00 0.0000e+00 -1.1375e+01 1.7220e+01 -6.7804e+00  
1215 0.0000e+00 0.0000e+00 0.0000e+00 -1.5678e+01 6.1147e+01 -3.6961e+00

842 1213 0.0000e+00 0.0000e+00 0.0000e+00 -2.8487e+01 -8.7062e+01 -1.0554e+01  
1743 0.0000e+00 0.0000e+00 0.0000e+00 -2.4327e-01 -2.0936e+01 -1.2277e+01  
1744 0.0000e+00 0.0000e+00 0.0000e+00 -1.5691e+01 -9.7567e+00 -1.0550e+01  
1214 0.0000e+00 0.0000e+00 0.0000e+00 -1.6408e+01 5.2836e+01 -8.8269e+00

843 24 0.0000e+00 0.0000e+00 0.0000e+00 -8.5251e+01 -1.5373e+02 1.8699e+00  
79 0.0000e+00 0.0000e+00 0.0000e+00 3.1786e+01 -8.8919e+01 4.5593e+00  
1743 0.0000e+00 0.0000e+00 0.0000e+00 -2.8025e+01 -6.0633e+01 -1.3911e+01  
1213 0.0000e+00 0.0000e+00 0.0000e+00 -2.0182e+01 4.1959e+01 -1.6600e+01

844 1152 0.0000e+00 0.0000e+00 0.0000e+00 -2.3460e+01 3.8914e+01 2.1077e+01  
1742 0.0000e+00 0.0000e+00 0.0000e+00 -2.7307e+01 -6.6617e+01 1.9085e+01  
79 0.0000e+00 0.0000e+00 0.0000e+00 3.1195e+01 -9.0666e+01 1.2844e+00  
24 0.0000e+00 0.0000e+00 0.0000e+00 -8.5505e+01 -1.5615e+02 3.2771e+00

845 1151 0.0000e+00 0.0000e+00 0.0000e+00 -1.8503e+01 4.7473e+01 1.4979e+01  
1741 0.0000e+00 0.0000e+00 0.0000e+00 -1.5360e+01 -1.5442e+01 1.6096e+01  
1742 0.0000e+00 0.0000e+00 0.0000e+00 -3.8214e+00 -2.9303e+01 1.6677e+01  
1152 0.0000e+00 0.0000e+00 0.0000e+00 -2.8056e+01 -9.3527e+01 1.5561e+01

846 1150 0.0000e+00 0.0000e+00 0.0000e+00 -1.6859e+01 5.6681e+01 1.0810e+01  
1740 0.0000e+00 0.0000e+00 0.0000e+00 -1.0999e+01 1.0007e+01 1.3946e+01  
1741 0.0000e+00 0.0000e+00 0.0000e+00 1.6472e-01 3.4713e+00 1.6592e+01  
1151 0.0000e+00 0.0000e+00 0.0000e+00 -2.2446e+01 -4.9155e+01 1.3455e+01

847 1149 0.0000e+00 0.0000e+00 0.0000e+00 -1.7152e+01 6.0240e+01 7.3068e+00  
1739 0.0000e+00 0.0000e+00 0.0000e+00 -8.6961e+00 2.8151e+01 1.0167e+01  
1740 0.0000e+00 0.0000e+00 0.0000e+00 -7.9138e-01 2.4128e+01 1.2831e+01  
1150 0.0000e+00 0.0000e+00 0.0000e+00 -1.9971e+01 -1.3954e+01 9.9703e+00

848 1148 0.0000e+00 0.0000e+00 0.0000e+00 -1.8134e+01 5.7978e+01 4.6383e+00  
1738 0.0000e+00 0.0000e+00 0.0000e+00 -6.9836e+00 3.9483e+01 6.6310e+00  
1739 0.0000e+00 0.0000e+00 0.0000e+00 -2.2473e+00 3.7310e+01 8.8725e+00  
1149 0.0000e+00 0.0000e+00 0.0000e+00 -1.9328e+01 1.3771e+01 6.8798e+00

849 1147 0.0000e+00 0.0000e+00 0.0000e+00 -1.9233e+01 4.9643e+01 2.6591e+00  
1737 0.0000e+00 0.0000e+00 0.0000e+00 -5.4629e+00 4.4556e+01 3.5169e+00  
1738 0.0000e+00 0.0000e+00 0.0000e+00 -3.8833e+00 4.3975e+01 5.3487e+00  
1148 0.0000e+00 0.0000e+00 0.0000e+00 -1.9288e+01 3.4766e+01 4.4910e+00

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1737 0.0000e+00 0.0000e+00 0.0000e+00 -5.5475e+00 4.4500e+01 2.2753e+00  
1147 0.0000e+00 0.0000e+00 0.0000e+00 -1.9317e+01 4.9345e+01 2.6679e+00

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1735 0.0000e+00 0.0000e+00 0.0000e+00 -2.5489e+00 3.6372e+01 -2.0956e+00  
1736 0.0000e+00 0.0000e+00 0.0000e+00 -7.2334e+00 3.9011e+01 -5.3965e-01  
1146 0.0000e+00 0.0000e+00 0.0000e+00 -1.9180e+01 5.7605e+01 1.0683e+00

852 1144 0.0000e+00 0.0000e+00 0.0000e+00 -2.2300e+01 -1.2604e+01 -1.8648e+00  
1734 0.0000e+00 0.0000e+00 0.0000e+00 -2.4169e+00 2.1234e+01 -3.8714e+00  
1735 0.0000e+00 0.0000e+00 0.0000e+00 -9.3579e+00 2.7525e+01 -2.8864e+00  
1145 0.0000e+00 0.0000e+00 0.0000e+00 -1.8926e+01 5.9146e+01 -8.7982e-01

853 23 0.0000e+00 0.0000e+00 0.0000e+00 -3.8823e+01 -4.7705e+01 3.0854e+00  
78 0.0000e+00 0.0000e+00 0.0000e+00 9.6917e+00 -1.1119e+01 9.8106e-01  
1734 0.0000e+00 0.0000e+00 0.0000e+00 -1.4044e+01 4.4057e+00 -5.5772e+00  
1144 0.0000e+00 0.0000e+00 0.0000e+00 -1.8828e+01 5.5748e+01 -3.4729e+00

854 1733 0.0000e+00 0.0000e+00 0.0000e+00 -1.7942e+01 -1.7423e+01 -9.8464e+00  
90 0.0000e+00 0.0000e+00 0.0000e+00 -3.8432e+01 1.8463e+01 1.3617e+00  
12 0.0000e+00 0.0000e+00 0.0000e+00 -8.6265e+01 -4.6481e+01 4.3816e+00  
196 0.0000e+00 0.0000e+00 0.0000e+00 5.3027e+01 -1.6448e+01 -6.8265e+00

855 1732 0.0000e+00 0.0000e+00 0.0000e+00 1.6335e+01 -1.1757e+01 -7.6588e+00  
1733 0.0000e+00 0.0000e+00 0.0000e+00 8.3989e+00 1.2761e+00 -7.8659e+00  
196 0.0000e+00 0.0000e+00 0.0000e+00 -4.1008e+01 -2.3344e+01 -5.6060e+00

	185	0.0000e+00	0.0000e+00	0.0000e+00	6.5314e+01	-1.4690e+01	-5.3989e+00
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	3.7595e+01	-9.0593e+00	-5.1794e+00
	1732	0.0000e+00	0.0000e+00	0.0000e+00	3.3335e+01	9.6884e-01	-7.0032e+00
	185	0.0000e+00	0.0000e+00	0.0000e+00	-5.9573e+00	-1.9170e+01	-4.8052e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	7.3123e+01	-1.3401e+01	-2.9814e+00
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	5.2592e+01	-7.1576e+00	-1.8470e+00
	1731	0.0000e+00	0.0000e+00	0.0000e+00	4.9889e+01	-3.2312e-01	-4.1101e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	2.1871e+01	-1.6679e+01	-2.1914e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	7.5938e+01	-1.3562e+01	7.1727e-02
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	6.1690e+01	-5.6782e+00	1.5733e+00
	1730	0.0000e+00	0.0000e+00	0.0000e+00	6.0187e+01	-1.8774e+00	-6.9492e-01
	163	0.0000e+00	0.0000e+00	0.0000e+00	4.3842e+01	-1.5779e+01	8.4124e-01
	152	0.0000e+00	0.0000e+00	0.0000e+00	7.3353e+01	-1.4954e+01	3.1095e+00
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	6.4942e+01	-4.3974e+00	4.8635e+00
	1729	0.0000e+00	0.0000e+00	0.0000e+00	6.4530e+01	-3.7973e+00	2.7579e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	6.0813e+01	-1.6065e+01	3.6995e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	6.4313e+01	-1.7289e+01	5.8051e+00
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	6.1914e+01	-3.1084e+00	8.0331e+00
	1728	0.0000e+00	0.0000e+00	0.0000e+00	6.2646e+01	-6.1049e+00	6.0799e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	7.3084e+01	-1.7128e+01	6.1316e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	4.7444e+01	-2.0225e+01	8.0849e+00
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	5.1481e+01	-1.6685e+00	1.1111e+01
	1727	0.0000e+00	0.0000e+00	0.0000e+00	5.3856e+01	-8.8445e+00	9.2914e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	8.0373e+01	-1.8530e+01	8.1722e+00
	119	0.0000e+00	0.0000e+00	0.0000e+00	2.1208e+01	-2.3537e+01	9.9918e+00
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	2.9211e+01	-1.1336e+00	1.2234e+01
	1726	0.0000e+00	0.0000e+00	0.0000e+00	3.7187e+01	-1.2627e+01	1.1905e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	8.1309e+01	-1.9987e+01	1.0410e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-1.5590e+01	-2.8583e+01	1.0739e+01
863	89	0.0000e+00	0.0000e+00	0.0000e+00	-3.7261e+01	9.0734e+00	-8.1596e+00
	1725	0.0000e+00	0.0000e+00	0.0000e+00	5.6604e+00	-2.3623e+01	1.1173e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	7.4666e+01	-2.1613e+01	1.4685e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.6361e+01	-6.1114e+01	-4.6480e+00
864	773	0.0000e+00	0.0000e+00	0.0000e+00	5.3046e+01	-1.6465e+01	6.9251e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	-8.6283e+01	-4.6549e+01	-4.2945e+00
	96	0.0000e+00	0.0000e+00	0.0000e+00	-3.8440e+01	1.8472e+01	-1.2886e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-1.7956e+01	-1.7437e+01	9.9310e+00
865	763	0.0000e+00	0.0000e+00	0.0000e+00	6.5315e+01	-1.4697e+01	5.4965e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	-4.1007e+01	-2.3358e+01	5.6996e+00
	1724	0.0000e+00	0.0000e+00	0.0000e+00	8.3961e+00	1.2681e+00	7.9534e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	1.6332e+01	-1.1760e+01	7.7503e+00
866	753	0.0000e+00	0.0000e+00	0.0000e+00	7.3118e+01	-1.3402e+01	3.0827e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	-5.9546e+00	-1.9174e+01	4.9028e+00
	1723	0.0000e+00	0.0000e+00	0.0000e+00	3.3331e+01	9.6652e-01	7.0977e+00
	1722	0.0000e+00	0.0000e+00	0.0000e+00	3.7589e+01	-9.0594e+00	5.2776e+00
867	743	0.0000e+00	0.0000e+00	0.0000e+00	7.5933e+01	-1.3558e+01	3.4604e-02
	753	0.0000e+00	0.0000e+00	0.0000e+00	2.1870e+01	-1.6678e+01	2.2939e+00
	1722	0.0000e+00	0.0000e+00	0.0000e+00	4.9883e+01	-3.2325e-01	4.2101e+00
	1721	0.0000e+00	0.0000e+00	0.0000e+00	5.2584e+01	-7.1565e+00	1.9508e+00
868	733	0.0000e+00	0.0000e+00	0.0000e+00	7.3354e+01	-1.4944e+01	-2.9979e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	4.3834e+01	-1.5773e+01	-7.3347e-01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	6.0180e+01	-1.8751e+00	8.0026e-01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	6.1683e+01	-5.6764e+00	-1.4642e+00
869	723	0.0000e+00	0.0000e+00	0.0000e+00	6.4329e+01	-1.7270e+01	-5.6890e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	6.0798e+01	-1.6053e+01	-3.5865e+00
	1720	0.0000e+00	0.0000e+00	0.0000e+00	6.4527e+01	-3.7918e+00	-2.6473e+00
	1719	0.0000e+00	0.0000e+00	0.0000e+00	6.4940e+01	-4.3952e+00	-4.7498e+00
870	713	0.0000e+00	0.0000e+00	0.0000e+00	4.7486e+01	-2.0195e+01	-7.9663e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	7.3063e+01	-1.7110e+01	-6.0145e+00
	1719	0.0000e+00	0.0000e+00	0.0000e+00	6.2653e+01	-6.0952e+00	-5.9649e+00
	1718	0.0000e+00	0.0000e+00	0.0000e+00	6.1924e+01	-3.1059e+00	-7.9168e+00
871	703	0.0000e+00	0.0000e+00	0.0000e+00	2.1289e+01	-2.3493e+01	-9.8747e+00
	713	0.0000e+00	0.0000e+00	0.0000e+00	8.0350e+01	-1.8502e+01	-8.0532e+00

	1718	0.0000e+00	0.0000e+00	0.0000e+00	5.3883e+01	-8.8289e+00	-9.1746e+00
	1717	0.0000e+00	0.0000e+00	0.0000e+00	5.1516e+01	-1.6654e+00	-1.0996e+01
872	693	0.0000e+00	0.0000e+00	0.0000e+00	-1.5452e+01	-2.8514e+01	-1.0633e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	8.1289e+01	-1.9946e+01	-1.0292e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	3.7246e+01	-1.2601e+01	-1.1793e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	2.9294e+01	-1.1252e+00	-1.2134e+01
873	11	0.0000e+00	0.0000e+00	0.0000e+00	-6.6134e+01	-6.0927e+01	4.6890e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	7.4657e+01	-2.1553e+01	-1.4566e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	5.7845e+00	-2.3562e+01	-1.1087e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	-3.7008e+01	9.0698e+00	8.1682e+00
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	4.1550e+01	-1.8753e+01	4.1652e+00
	33	0.0000e+00	0.0000e+00	0.0000e+00	-4.5836e+01	-3.9598e+01	-1.7903e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	-1.5187e+01	8.5668e+00	-1.0233e+00
	1715	0.0000e+00	0.0000e+00	0.0000e+00	-1.4415e+00	-1.3759e+01	4.9322e+00
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	3.8318e+01	-1.8951e+01	8.1298e-01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-1.1248e+01	-2.2513e+01	2.3715e+00
	1715	0.0000e+00	0.0000e+00	0.0000e+00	1.3338e+01	-2.8911e+00	3.4450e+00
	1714	0.0000e+00	0.0000e+00	0.0000e+00	1.6962e+01	-8.5252e+00	1.8865e+00
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	2.8598e+01	-1.9672e+01	-1.4860e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	1.3413e+01	-2.0476e+01	3.9966e-01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	2.2735e+01	-4.1480e+00	9.2854e-01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	2.3183e+01	-5.9733e+00	-9.5714e-01
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	1.0987e+01	-2.1023e+01	-3.1644e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	3.0028e+01	-1.9558e+01	-1.5922e+00
	1713	0.0000e+00	0.0000e+00	0.0000e+00	2.2833e+01	-6.3422e+00	-2.0944e+00
	1712	0.0000e+00	0.0000e+00	0.0000e+00	2.1441e+01	-3.9075e+00	-3.6666e+00
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	-1.4422e+01	-2.3431e+01	-4.1679e+00
	1476	0.0000e+00	0.0000e+00	0.0000e+00	3.8777e+01	-1.9285e+01	-3.2498e+00
	1712	0.0000e+00	0.0000e+00	0.0000e+00	1.4798e+01	-8.8102e+00	-4.6027e+00
	1711	0.0000e+00	0.0000e+00	0.0000e+00	1.1460e+01	-2.0532e+00	-5.5208e+00
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	-4.8407e+01	-2.7085e+01	-3.6074e+00
	1466	0.0000e+00	0.0000e+00	0.0000e+00	4.0063e+01	-2.0075e+01	-4.1134e+00
	1711	0.0000e+00	0.0000e+00	0.0000e+00	-1.3672e+00	-1.1853e+01	-5.9034e+00
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-8.0262e+00	-1.3882e+00	-5.3974e+00
880	22	0.0000e+00	0.0000e+00	0.0000e+00	-9.4204e+01	-4.8821e+01	4.7557e+00
	1456	0.0000e+00	0.0000e+00	0.0000e+00	3.6149e+01	-2.1290e+01	-3.7386e+00
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-3.2697e+01	-1.6692e+01	-8.0838e+00
	96	0.0000e+00	0.0000e+00	0.0000e+00	-4.2963e+01	1.9226e+01	4.1054e-01
881	1709	0.0000e+00	0.0000e+00	0.0000e+00	-1.3261e+00	-1.3720e+01	-4.8951e+00
	91	0.0000e+00	0.0000e+00	0.0000e+00	-1.5095e+01	8.5222e+00	1.0568e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	-4.5560e+01	-3.9482e+01	1.8143e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	4.1474e+01	-1.8702e+01	-4.1376e+00
882	1708	0.0000e+00	0.0000e+00	0.0000e+00	1.7000e+01	-8.4964e+00	-1.8516e+00
	1709	0.0000e+00	0.0000e+00	0.0000e+00	1.3386e+01	-2.8871e+00	-3.4137e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	-1.1091e+01	-2.2452e+01	-2.3425e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	3.8239e+01	-1.8910e+01	-7.8035e-01
883	1707	0.0000e+00	0.0000e+00	0.0000e+00	2.3180e+01	-5.9528e+00	9.9719e-01
	1708	0.0000e+00	0.0000e+00	0.0000e+00	2.2737e+01	-4.1458e+00	-8.9182e-01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	1.3486e+01	-2.0427e+01	-3.6424e-01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	2.8516e+01	-1.9639e+01	1.5248e+00
884	1706	0.0000e+00	0.0000e+00	0.0000e+00	2.1410e+01	-3.8936e+00	3.7095e+00
	1707	0.0000e+00	0.0000e+00	0.0000e+00	2.2805e+01	-6.3388e+00	2.1350e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	3.0042e+01	-1.9520e+01	1.6335e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	1.0911e+01	-2.0998e+01	3.2080e+00
885	1705	0.0000e+00	0.0000e+00	0.0000e+00	1.1416e+01	-2.0444e+00	5.5654e+00
	1706	0.0000e+00	0.0000e+00	0.0000e+00	1.4754e+01	-8.8059e+00	4.6460e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	3.8752e+01	-1.9258e+01	3.2951e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-1.4487e+01	-2.3412e+01	4.2145e+00
886	1704	0.0000e+00	0.0000e+00	0.0000e+00	-8.0709e+00	-1.3799e+00	5.4456e+00
	1705	0.0000e+00	0.0000e+00	0.0000e+00	-1.4172e+00	-1.1848e+01	5.9495e+00
	1089	0.0000e+00	0.0000e+00	0.0000e+00	4.0015e+01	-2.0056e+01	4.1599e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-4.8459e+01	-2.7069e+01	3.6560e+00
887	90	0.0000e+00	0.0000e+00	0.0000e+00	-4.2967e+01	1.9224e+01	-3.3441e-01



	1704	0.0000e+00	0.0000e+00	0.0000e+00	-3.2737e+01	-1.6675e+01	8.1374e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	3.6089e+01	-2.1275e+01	3.7791e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	-9.4236e+01	-4.8762e+01	-4.6927e+00
888	33	0.0000e+00	0.0000e+00	0.0000e+00	-4.1284e+01	-4.1147e+01	1.6964e+00
	88	0.0000e+00	0.0000e+00	0.0000e+00	9.1439e+00	-2.0006e+01	5.5090e-02
	94	0.0000e+00	0.0000e+00	0.0000e+00	-1.4147e+01	-1.4775e+01	-7.0362e-01
	97	0.0000e+00	0.0000e+00	0.0000e+00	-2.1275e+01	7.8842e+00	9.3767e-01
889	77	0.0000e+00	0.0000e+00	0.0000e+00	-4.7478e+01	-2.0832e+01	-9.9160e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	-9.9788e+01	-7.5830e+01	9.1582e+00
	95	0.0000e+00	0.0000e+00	0.0000e+00	-6.9227e+01	2.0321e+01	1.9567e+00
	98	0.0000e+00	0.0000e+00	0.0000e+00	-3.9891e+01	-2.0273e+01	-1.7117e+01
890	91	0.0000e+00	0.0000e+00	0.0000e+00	-2.1193e+01	7.8774e+00	-8.9931e-01
	93	0.0000e+00	0.0000e+00	0.0000e+00	-1.4140e+01	-1.4751e+01	7.0678e-01
	78	0.0000e+00	0.0000e+00	0.0000e+00	9.1394e+00	-1.9982e+01	-6.5078e-02
	23	0.0000e+00	0.0000e+00	0.0000e+00	-4.1261e+01	-4.1067e+01	-1.6712e+00
891	92	0.0000e+00	0.0000e+00	0.0000e+00	-4.0048e+01	-2.0339e+01	1.7233e+01
	89	0.0000e+00	0.0000e+00	0.0000e+00	-6.9575e+01	2.0388e+01	-1.9284e+00
	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0020e+02	-7.6080e+01	-9.1684e+00
	67	0.0000e+00	0.0000e+00	0.0000e+00	-4.7740e+01	-2.0872e+01	9.9928e+00
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	1.9581e+01	-4.4278e+01	-2.9840e-02
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-1.1931e+01	3.4131e+01	1.0528e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-3.5839e+01	-1.2925e+02	1.4942e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	6.4761e+01	-5.9601e+01	4.3837e+00
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	1.5529e+01	-1.0369e+01	3.0735e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-1.0099e+01	4.4201e+01	8.7422e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-1.7978e+01	-7.5442e+01	1.1717e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	3.4829e+01	-2.6778e+01	6.0482e+00
894	1694	0.0000e+00	0.0000e+00	0.0000e+00	1.3993e+01	1.0578e+01	2.1496e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.1292e+01	4.5463e+01	6.9557e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-1.4918e+01	-3.0786e+01	9.2084e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	2.7303e+01	-3.7336e-01	4.4023e+00
895	1693	0.0000e+00	0.0000e+00	0.0000e+00	1.3434e+01	2.1595e+01	2.4086e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.4058e+01	3.7615e+01	5.5900e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.4630e+01	3.4377e+00	7.0171e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	2.0415e+01	1.6624e+01	3.8357e+00
896	1692	0.0000e+00	0.0000e+00	0.0000e+00	1.3909e+01	2.2099e+01	3.1232e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.7484e+01	2.0366e+01	4.4337e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.5430e+01	2.7550e+01	5.6316e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	1.4496e+01	2.3439e+01	4.3211e+00
897	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.4416e+01	1.2231e+01	2.8730e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-2.2810e+01	-6.9095e+00	3.2731e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.7025e+01	4.2293e+01	4.9164e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	9.4372e+00	1.9890e+01	4.5162e+00
898	1690	0.0000e+00	0.0000e+00	0.0000e+00	1.1942e+01	-8.5710e+00	4.0231e-01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-3.3608e+01	-4.5124e+01	2.3417e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-2.1390e+01	4.8580e+01	4.9041e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	3.6317e+00	6.9396e+00	2.9647e+00
899	1647	0.0000e+00	0.0000e+00	0.0000e+00	4.2238e+01	-4.4538e+01	-5.3496e+00
	28	0.0000e+00	0.0000e+00	0.0000e+00	-8.7599e+01	-9.8045e+01	-1.7695e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-3.2705e+01	5.1340e+01	8.3657e+00
	1690	0.0000e+00	0.0000e+00	0.0000e+00	-5.4430e+00	-2.2289e+01	4.7856e+00
900	1689	0.0000e+00	0.0000e+00	0.0000e+00	7.3975e+01	-3.9170e+01	4.7813e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	4.4324e+01	-4.2529e+01	1.0449e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	5.2169e+01	-5.2046e+01	6.5148e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	7.7551e+01	-4.7593e+01	8.4664e-01
901	1688	0.0000e+00	0.0000e+00	0.0000e+00	6.1130e+01	-1.1485e+01	1.5520e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	3.7912e+01	-1.3844e+01	9.3921e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	4.6777e+01	-1.9823e+01	1.3140e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	6.8061e+01	-2.9623e+01	5.2999e+00
902	1687	0.0000e+00	0.0000e+00	0.0000e+00	5.0824e+01	1.0630e+01	-5.1234e-01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	3.1936e+01	9.0951e+00	5.7675e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	3.7326e+01	4.2192e+00	9.1890e+00
	1688	0.0000e+00	0.0000e+00	0.0000e+00	5.8086e+01	-4.1089e+00	2.9091e+00

903	1686	0.0000e+00	0.0000e+00	0.0000e+00	4.5221e+01	2.2319e+01	3.3286e-02
	1693	0.0000e+00	0.0000e+00	0.0000e+00	2.7685e+01	2.2131e+01	3.6241e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	3.0982e+01	1.9660e+01	5.6452e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	4.9159e+01	1.5459e+01	2.0545e+00
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	4.4528e+01	2.1263e+01	9.7457e-01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	2.5890e+01	2.4335e+01	1.5214e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	2.7131e+01	2.4788e+01	3.6103e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	4.4389e+01	2.3713e+01	3.0635e+00
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	4.8163e+01	8.1660e+00	-4.3963e-01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	2.5932e+01	1.6123e+01	-2.3979e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	2.5723e+01	1.9028e+01	1.5129e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	4.4426e+01	1.9221e+01	3.4711e+00
906	1683	0.0000e+00	0.0000e+00	0.0000e+00	5.3711e+01	-1.3310e+01	-4.5298e+00
	1690	0.0000e+00	0.0000e+00	0.0000e+00	2.8933e+01	-1.5276e+00	-8.4425e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	2.5481e+01	2.6231e+00	-2.9167e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	4.9280e+01	3.4351e+00	9.9589e-01
907	1639	0.0000e+00	0.0000e+00	0.0000e+00	6.2106e+01	-3.0897e+01	-2.7177e-01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	3.1183e+01	-3.4443e+01	-4.8203e+00
	1690	0.0000e+00	0.0000e+00	0.0000e+00	2.4947e+01	-2.4128e+01	-7.5836e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	5.9178e+01	-2.2188e+01	-3.0351e+00
908	1682	0.0000e+00	0.0000e+00	0.0000e+00	8.3351e+01	-4.1039e+01	-5.2885e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	7.8576e+01	-3.7531e+01	1.1678e-02
	1341	0.0000e+00	0.0000e+00	0.0000e+00	8.3482e+01	-4.5790e+01	3.6552e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	8.9124e+01	-4.9515e+01	-1.6449e+00
909	1681	0.0000e+00	0.0000e+00	0.0000e+00	6.8930e+01	-1.3672e+01	-1.1645e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	6.6496e+01	-1.2121e+01	-5.5268e-01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	7.6253e+01	-2.8880e+01	1.8927e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	8.1523e+01	-3.2184e+01	-9.1998e+00
910	1680	0.0000e+00	0.0000e+00	0.0000e+00	5.6164e+01	1.2865e+01	-1.0125e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	5.5204e+01	1.0790e+01	-7.4145e-01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	6.2967e+01	-3.0760e+00	-1.5100e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	6.7307e+01	-3.6251e+00	-1.0894e+01
911	1679	0.0000e+00	0.0000e+00	0.0000e+00	4.9945e+01	2.7026e+01	-3.2715e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	4.8611e+01	2.3479e+01	1.3340e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	5.2727e+01	1.6769e+01	-1.8283e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	5.5109e+01	1.9501e+01	-6.4338e+00
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	5.1317e+01	2.5034e+01	4.3971e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	4.8143e+01	2.2821e+01	3.4286e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	4.8045e+01	2.4607e+01	3.7408e-01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	4.9463e+01	2.8458e+01	1.3425e+00
913	1677	0.0000e+00	0.0000e+00	0.0000e+00	5.9515e+01	8.3429e+00	8.7287e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	5.3453e+01	9.5146e+00	2.7590e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	4.9480e+01	1.8964e+01	2.2430e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	5.1461e+01	2.1160e+01	8.2128e+00
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	7.0780e+01	-1.5373e+01	7.6453e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	6.3224e+01	-1.2137e+01	-1.0910e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	5.5887e+01	2.0856e+00	1.3226e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	6.0515e+01	5.3015e-01	1.0059e+01
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	7.7551e+01	-3.0771e+01	2.4497e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	6.9110e+01	-2.8424e+01	-2.2246e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	6.4634e+01	-2.0443e+01	3.5332e-01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	7.2608e+01	-2.3215e+01	5.0276e+00
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	6.7439e+01	-5.3535e+01	-1.7121e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	8.4581e+01	-4.4744e+01	-1.0243e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	8.9139e+01	-5.3068e+01	1.4197e+00
	1319	0.0000e+00	0.0000e+00	0.0000e+00	7.6738e+01	-6.7431e+01	-5.4582e+00
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	5.0456e+01	-1.3335e+01	-2.7800e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	6.8686e+01	-1.5293e+01	-1.4022e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	7.9033e+01	-3.3676e+01	-1.1567e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	6.7870e+01	-4.0506e+01	-2.5345e+01
918	1673	0.0000e+00	0.0000e+00	0.0000e+00	3.7538e+01	2.1885e+01	-2.0777e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	5.3710e+01	1.3748e+01	-9.8962e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	6.3009e+01	-2.9872e+00	-1.5764e+01

	1674	0.0000e+00	0.0000e+00	0.0000e+00	5.0162e+01	5.2475e-01	-2.6645e+01
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	3.2266e+01	3.9337e+01	-5.7549e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	4.6094e+01	2.9264e+01	-1.1589e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	5.0554e+01	2.1341e+01	-1.0843e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	3.7066e+01	3.0495e+01	-1.5439e+01
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	3.4793e+01	3.6001e+01	1.0075e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	4.7153e+01	2.7247e+01	8.0025e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	4.5734e+01	3.0357e+01	-1.6058e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	3.2036e+01	4.0678e+01	4.6667e-01
921	1670	0.0000e+00	0.0000e+00	0.0000e+00	4.5202e+01	1.3033e+01	2.1431e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	5.6095e+01	9.4476e+00	1.3040e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	4.9506e+01	2.1826e+01	7.0867e+00
	1671	0.0000e+00	0.0000e+00	0.0000e+00	3.4887e+01	3.0060e+01	1.5477e+01
922	1669	0.0000e+00	0.0000e+00	0.0000e+00	6.0374e+01	-2.1430e+01	2.1725e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	6.9367e+01	-1.6165e+01	1.0031e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	6.0811e+01	-8.6206e-01	1.1421e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	4.5368e+01	1.6429e+00	2.3115e+01
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	6.8072e+01	-4.4491e+01	6.0152e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	7.8203e+01	-3.3214e+01	3.7754e-03
	1676	0.0000e+00	0.0000e+00	0.0000e+00	7.4038e+01	-2.5952e+01	9.0935e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	6.0125e+01	-3.2720e+01	1.5105e+01
924	1668	0.0000e+00	0.0000e+00	0.0000e+00	2.0024e+01	-7.8312e+01	-3.4594e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	6.6053e+01	-6.3210e+01	-2.3624e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	7.1898e+01	-7.7388e+01	-1.2338e+00
	1308	0.0000e+00	0.0000e+00	0.0000e+00	3.6280e+01	-1.0674e+02	-1.2203e+01
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	3.1354e+00	-7.1723e+00	-4.6058e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	4.3271e+01	-1.5273e+01	-2.9150e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	5.5137e+01	-4.4579e+01	-2.9249e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	2.5334e+01	-5.2483e+01	-4.6157e+01
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	-2.6711e+00	3.8644e+01	-2.8411e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	2.7055e+01	2.5004e+01	-1.9604e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	3.6506e+01	4.8058e-01	-3.2302e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	5.6215e+00	1.2049e+01	-4.1108e+01
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	-3.4271e+00	5.8663e+01	-6.2812e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.1068e+01	4.3411e+01	-3.5227e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	2.4773e+01	3.2930e+01	-1.9347e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-1.5744e+00	4.9094e+01	-2.2105e+01
928	1664	0.0000e+00	0.0000e+00	0.0000e+00	-1.7468e+00	5.4410e+01	1.5384e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.3024e+01	3.8964e+01	1.3610e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.1036e+01	4.4267e+01	-2.0250e+00
	1665	0.0000e+00	0.0000e+00	0.0000e+00	-3.3331e+00	5.9861e+01	-2.5124e-01
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	4.7373e+00	2.4884e+01	3.4032e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	3.2724e+01	1.3645e+01	2.6593e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.5074e+01	3.2917e+01	1.4070e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	-2.5992e+00	4.6541e+01	2.1508e+01
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	2.2280e+01	-3.0393e+01	4.0161e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	4.8968e+01	-2.4474e+01	2.5337e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	3.8729e+01	2.0647e-01	2.4078e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	2.6504e+00	8.6242e+00	3.8902e+01
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	3.1559e+01	-7.7294e+01	1.1749e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	6.3745e+01	-5.2741e+01	2.2851e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	5.8598e+01	-4.0745e+01	2.0806e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	1.7639e+01	-5.2961e+01	3.0269e+01
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	-8.3896e+01	-1.1637e+02	-5.9467e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	1.6486e+01	-9.5549e+01	-4.2397e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	2.4595e+01	-1.2703e+02	-6.0847e+00
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-5.7614e+01	-1.7830e+02	-2.3154e+01
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	-6.9248e+01	6.9544e+00	-4.9764e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-1.4287e+01	-3.2301e+00	-4.1873e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-6.2407e+00	-5.9870e+01	-5.5641e+01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-6.1396e+01	-4.2721e+01	-6.3532e+01
934	1659	0.0000e+00	0.0000e+00	0.0000e+00	-5.1571e+01	6.0062e+01	-2.2726e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-2.0384e+01	4.5874e+01	-2.5349e+01

1667 0.0000e+00 0.0000e+00 0.0000e+00 -1.5622e+01 1.0760e+01 -4.4150e+01  
1660 0.0000e+00 0.0000e+00 0.0000e+00 -6.1618e+01 3.3898e+01 -4.1527e+01

935 1658 0.0000e+00 0.0000e+00 0.0000e+00 -4.3101e+01 7.8959e+01 -3.3913e+00  
1665 0.0000e+00 0.0000e+00 0.0000e+00 -1.8777e+01 6.4311e+01 -5.3605e+00  
1666 0.0000e+00 0.0000e+00 0.0000e+00 -1.8270e+01 5.1467e+01 -2.1979e+01  
1659 0.0000e+00 0.0000e+00 0.0000e+00 -4.7576e+01 6.9813e+01 -2.0010e+01

936 1657 0.0000e+00 0.0000e+00 0.0000e+00 -4.5196e+01 7.4663e+01 1.4620e+01  
1664 0.0000e+00 0.0000e+00 0.0000e+00 -1.7762e+01 5.7387e+01 1.5594e+01  
1665 0.0000e+00 0.0000e+00 0.0000e+00 -1.8358e+01 6.4862e+01 -6.6212e-01  
1658 0.0000e+00 0.0000e+00 0.0000e+00 -4.2638e+01 7.9860e+01 -1.6364e+00

937 1656 0.0000e+00 0.0000e+00 0.0000e+00 -5.6477e+01 4.5807e+01 3.4957e+01  
1663 0.0000e+00 0.0000e+00 0.0000e+00 -1.4800e+01 2.4362e+01 3.6912e+01  
1664 0.0000e+00 0.0000e+00 0.0000e+00 -1.9136e+01 5.3111e+01 1.9088e+01  
1657 0.0000e+00 0.0000e+00 0.0000e+00 -4.8202e+01 6.7051e+01 1.7133e+01

938 1655 0.0000e+00 0.0000e+00 0.0000e+00 -5.5829e+01 -2.0183e+01 5.5674e+01  
1662 0.0000e+00 0.0000e+00 0.0000e+00 -6.3097e+00 -3.6470e+01 4.8630e+01  
1663 0.0000e+00 0.0000e+00 0.0000e+00 -1.3373e+01 1.2447e+01 3.5367e+01  
1656 0.0000e+00 0.0000e+00 0.0000e+00 -6.2957e+01 2.2493e+01 4.2411e+01

939 1607 0.0000e+00 0.0000e+00 0.0000e+00 -5.3346e+01 -1.3934e+02 2.0637e+01  
1615 0.0000e+00 0.0000e+00 0.0000e+00 2.0934e+01 -9.4938e+01 6.0099e+00  
1662 0.0000e+00 0.0000e+00 0.0000e+00 1.4034e+01 -6.7863e+01 3.7387e+01  
1655 0.0000e+00 0.0000e+00 0.0000e+00 -7.5917e+01 -8.5752e+01 5.2015e+01

940 945 0.0000e+00 0.0000e+00 0.0000e+00 -2.2169e+02 3.2870e+00 2.6955e+00  
1661 0.0000e+00 0.0000e+00 0.0000e+00 -1.5125e+02 -1.1697e+02 -3.3866e+01  
1297 0.0000e+00 0.0000e+00 0.0000e+00 -2.0514e+01 -2.2836e+02 -2.8225e+01  
18 0.0000e+00 0.0000e+00 0.0000e+00 -4.2608e+02 -3.5982e+02 8.3364e+00

941 944 0.0000e+00 0.0000e+00 0.0000e+00 -1.2686e+02 3.4500e+01 1.1879e+00  
1660 0.0000e+00 0.0000e+00 0.0000e+00 -1.0249e+02 2.9254e+01 -3.8292e+01  
1661 0.0000e+00 0.0000e+00 0.0000e+00 -1.3516e+02 -6.3000e+01 -5.0834e+01  
945 0.0000e+00 0.0000e+00 0.0000e+00 -1.7373e+02 -4.3345e+01 -1.1355e+01

942 943 0.0000e+00 0.0000e+00 0.0000e+00 -8.1194e+01 7.4731e+01 1.6562e+00  
1659 0.0000e+00 0.0000e+00 0.0000e+00 -6.8915e+01 6.9394e+01 -1.9207e+01  
1660 0.0000e+00 0.0000e+00 0.0000e+00 -8.4774e+01 3.0147e+01 -2.7843e+01  
944 0.0000e+00 0.0000e+00 0.0000e+00 -1.0737e+02 4.1955e+01 -6.9799e+00

943 942 0.0000e+00 0.0000e+00 0.0000e+00 -6.4173e+01 8.8597e+01 1.9363e+00  
1658 0.0000e+00 0.0000e+00 0.0000e+00 -5.4836e+01 8.3532e+01 -5.3323e+00  
1659 0.0000e+00 0.0000e+00 0.0000e+00 -6.0817e+01 7.0802e+01 -1.1525e+01  
943 0.0000e+00 0.0000e+00 0.0000e+00 -7.2837e+01 7.8031e+01 -4.2562e+00

944 941 0.0000e+00 0.0000e+00 0.0000e+00 -6.8878e+01 8.2782e+01 2.9439e+00  
1657 0.0000e+00 0.0000e+00 0.0000e+00 -5.7794e+01 7.6139e+01 7.5300e+00  
1658 0.0000e+00 0.0000e+00 0.0000e+00 -5.4048e+01 8.3856e+01 1.5462e+00  
942 0.0000e+00 0.0000e+00 0.0000e+00 -6.3383e+01 8.9093e+01 -3.0399e+00

945 940 0.0000e+00 0.0000e+00 0.0000e+00 -9.7660e+01 5.3467e+01 5.2197e+00  
1656 0.0000e+00 0.0000e+00 0.0000e+00 -7.7520e+01 4.2844e+01 2.2879e+01  
1657 0.0000e+00 0.0000e+00 0.0000e+00 -6.4151e+01 7.5414e+01 1.4928e+01  
941 0.0000e+00 0.0000e+00 0.0000e+00 -7.5448e+01 8.0576e+01 -2.7313e+00

946 939 0.0000e+00 0.0000e+00 0.0000e+00 -1.5609e+02 -2.0459e+01 8.9086e+00  
1655 0.0000e+00 0.0000e+00 0.0000e+00 -1.2232e+02 -3.8075e+01 4.4071e+01  
1656 0.0000e+00 0.0000e+00 0.0000e+00 -9.2951e+01 4.2641e+01 3.2738e+01  
940 0.0000e+00 0.0000e+00 0.0000e+00 -1.1461e+02 4.7524e+01 -2.4242e+00

947 17 0.0000e+00 0.0000e+00 0.0000e+00 -3.8456e+02 -3.0286e+02 -9.3644e+00  
1607 0.0000e+00 0.0000e+00 0.0000e+00 -1.9180e+01 -1.8403e+02 2.4343e+01  
1655 0.0000e+00 0.0000e+00 0.0000e+00 -1.3672e+02 -8.6076e+01 2.9379e+01  
939 0.0000e+00 0.0000e+00 0.0000e+00 -1.9911e+02 2.2757e+01 -4.3283e+00

948 1646 0.0000e+00 0.0000e+00 0.0000e+00 -5.4436e+00 -2.2276e+01 -4.7904e+00  
1654 0.0000e+00 0.0000e+00 0.0000e+00 -3.2700e+01 5.1339e+01 -8.3729e+00  
28 0.0000e+00 0.0000e+00 0.0000e+00 -8.7594e+01 -9.8017e+01 1.7683e+00  
1647 0.0000e+00 0.0000e+00 0.0000e+00 4.2233e+01 -4.4534e+01 5.3507e+00

949 1645 0.0000e+00 0.0000e+00 0.0000e+00 3.6334e+00 6.9478e+00 -2.9722e+00  
1653 0.0000e+00 0.0000e+00 0.0000e+00 -2.1388e+01 4.8579e+01 -4.9115e+00  
1654 0.0000e+00 0.0000e+00 0.0000e+00 -3.3603e+01 -4.5104e+01 -2.3484e+00  
1646 0.0000e+00 0.0000e+00 0.0000e+00 1.1941e+01 -8.5615e+00 -4.0904e-01

950 1644 0.0000e+00 0.0000e+00 0.0000e+00 9.4389e+00 1.9894e+01 -4.5240e+00

	1652	0.0000e+00	0.0000e+00	0.0000e+00	-1.7026e+01	4.2288e+01	-4.9240e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	-2.2808e+01	-6.8940e+00	-3.2807e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.4415e+01	1.2237e+01	-2.8807e+00
951	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.4498e+01	2.3439e+01	-4.3284e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	-1.5433e+01	2.7539e+01	-5.6391e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	-1.7485e+01	2.0378e+01	-4.4414e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.3908e+01	2.2101e+01	-3.1307e+00
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	2.0417e+01	1.6618e+01	-3.8424e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-1.4635e+01	3.4202e+00	-7.0242e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	-1.4061e+01	3.7623e+01	-5.5973e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.3432e+01	2.1592e+01	-2.4156e+00
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	2.7305e+01	-3.8578e-01	-4.4080e+00
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-1.4925e+01	-3.0813e+01	-9.2146e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-1.1296e+01	4.5468e+01	-6.9624e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	1.3992e+01	1.0570e+01	-2.1558e+00
954	1640	0.0000e+00	0.0000e+00	0.0000e+00	3.4834e+01	-2.6797e+01	-6.0513e+00
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-1.7988e+01	-7.5480e+01	-1.1721e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-1.0106e+01	4.4202e+01	-8.7479e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.5528e+01	-1.0384e+01	-3.0780e+00
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	6.4773e+01	-5.9618e+01	-4.3765e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	-3.5848e+01	-1.2930e+02	-1.4940e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-1.1941e+01	3.4129e+01	-1.0533e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.9584e+01	-4.4302e+01	3.0355e-02
956	1638	0.0000e+00	0.0000e+00	0.0000e+00	5.9176e+01	-2.2182e+01	3.0281e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	2.4946e+01	-2.4118e+01	7.5784e+00
	1647	0.0000e+00	0.0000e+00	0.0000e+00	3.1184e+01	-3.4441e+01	4.8170e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	6.2106e+01	-3.0895e+01	2.6674e-01
957	1637	0.0000e+00	0.0000e+00	0.0000e+00	4.9278e+01	3.4423e+00	-1.0040e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	2.5481e+01	2.6320e+00	2.9079e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	2.8931e+01	-1.5202e+00	8.4348e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	5.3709e+01	-1.3303e+01	4.5230e+00
958	1636	0.0000e+00	0.0000e+00	0.0000e+00	4.4427e+01	1.9225e+01	-3.4792e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	2.5723e+01	1.9033e+01	-1.5220e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	2.5932e+01	1.6129e+01	2.3888e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	4.8162e+01	8.1724e+00	4.3156e-01
959	1635	0.0000e+00	0.0000e+00	0.0000e+00	4.4391e+01	2.3713e+01	-3.0711e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	2.7132e+01	2.4789e+01	-3.6192e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	2.5890e+01	2.4337e+01	-1.5305e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	4.4529e+01	2.1266e+01	-9.8242e-01
960	1634	0.0000e+00	0.0000e+00	0.0000e+00	4.9164e+01	1.5453e+01	-2.0616e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	3.0984e+01	1.9655e+01	-5.6537e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	2.7686e+01	2.2127e+01	-3.6327e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	4.5225e+01	2.2317e+01	-4.0595e-02
961	1633	0.0000e+00	0.0000e+00	0.0000e+00	5.8094e+01	-4.1201e+00	-2.9153e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	3.7330e+01	4.2090e+00	-9.1966e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	3.1938e+01	9.0857e+00	-5.7756e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	5.0830e+01	1.0623e+01	5.0567e-01
962	1632	0.0000e+00	0.0000e+00	0.0000e+00	6.8070e+01	-2.9637e+01	-5.3031e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	4.6784e+01	-1.9838e+01	-1.3145e+01
	1641	0.0000e+00	0.0000e+00	0.0000e+00	3.7916e+01	-1.3860e+01	-9.3990e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	6.1139e+01	-1.1497e+01	-1.5575e+00
963	1276	0.0000e+00	0.0000e+00	0.0000e+00	7.7560e+01	-4.7605e+01	-8.4495e-01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	5.2174e+01	-5.2060e+01	-6.5120e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	4.4329e+01	-4.2550e+01	-1.0451e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	7.3986e+01	-3.9185e+01	-4.7838e+00
964	1630	0.0000e+00	0.0000e+00	0.0000e+00	7.2607e+01	-2.3210e+01	-5.0350e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	6.4633e+01	-2.0438e+01	-3.5928e-01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	6.9110e+01	-2.8423e+01	2.2189e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	7.7550e+01	-3.0769e+01	-2.4569e+00
965	1629	0.0000e+00	0.0000e+00	0.0000e+00	6.0514e+01	5.3720e-01	-1.0066e+01
	1637	0.0000e+00	0.0000e+00	0.0000e+00	5.5886e+01	2.0924e+00	-1.3297e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	6.3222e+01	-1.2130e+01	1.0840e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	7.0778e+01	-1.5367e+01	-7.6519e+00

966	1628	0.0000e+00	0.0000e+00	0.0000e+00	5.1462e+01	2.1165e+01	-8.2184e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	4.9480e+01	1.8969e+01	-2.2504e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	5.3452e+01	9.5209e+00	-2.7667e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	5.9515e+01	8.3494e+00	-8.7347e+00
967	1627	0.0000e+00	0.0000e+00	0.0000e+00	4.9468e+01	2.8459e+01	-1.3472e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	4.8048e+01	2.4607e+01	-3.8101e-01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	4.8144e+01	2.2824e+01	-3.4360e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	5.1318e+01	2.5038e+01	-4.4022e+00
968	1626	0.0000e+00	0.0000e+00	0.0000e+00	5.5116e+01	1.9496e+01	6.4298e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	5.2733e+01	1.6764e+01	1.8219e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	4.8615e+01	2.3478e+01	-1.3408e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	4.9950e+01	2.7024e+01	3.2671e+00
969	1625	0.0000e+00	0.0000e+00	0.0000e+00	6.7317e+01	-3.6348e+00	1.0891e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	6.2976e+01	-3.0866e+00	1.5045e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	5.5210e+01	1.0783e+01	7.3543e-01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	5.6172e+01	1.2858e+01	1.0121e+01
970	1624	0.0000e+00	0.0000e+00	0.0000e+00	8.1534e+01	-3.2195e+01	9.1975e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	7.6263e+01	-2.8894e+01	-1.8959e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	6.6505e+01	-1.2132e+01	5.4823e-01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	6.8941e+01	-1.3683e+01	1.1642e+01
971	1265	0.0000e+00	0.0000e+00	0.0000e+00	8.9133e+01	-4.9524e+01	1.6440e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	8.3491e+01	-4.5801e+01	-3.6546e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	7.8586e+01	-3.7544e+01	-1.2891e-02
	1624	0.0000e+00	0.0000e+00	0.0000e+00	8.3362e+01	-4.1051e+01	5.2858e+00
972	1622	0.0000e+00	0.0000e+00	0.0000e+00	6.0123e+01	-3.2714e+01	-1.5114e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	7.4036e+01	-2.5947e+01	-9.1004e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	7.8202e+01	-3.3212e+01	-1.1632e-02
	1623	0.0000e+00	0.0000e+00	0.0000e+00	6.8072e+01	-4.4489e+01	-6.0248e+00
973	1621	0.0000e+00	0.0000e+00	0.0000e+00	4.5367e+01	1.6518e+00	-2.3120e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	6.0810e+01	-8.5461e-01	-1.1426e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	6.9365e+01	-1.6159e+01	-1.0038e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	6.0373e+01	-2.1421e+01	-2.1732e+01
974	1620	0.0000e+00	0.0000e+00	0.0000e+00	3.4889e+01	3.0067e+01	-1.5480e+01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	4.9507e+01	2.1832e+01	-7.0914e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	5.6095e+01	9.4543e+00	-1.3046e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	4.5202e+01	1.3041e+01	-2.1434e+01
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	3.2041e+01	4.0679e+01	-4.6811e-01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	4.5738e+01	3.0358e+01	1.6019e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	4.7154e+01	2.7251e+01	-8.0071e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	3.4796e+01	3.6006e+01	-1.0077e+01
976	1618	0.0000e+00	0.0000e+00	0.0000e+00	3.7074e+01	3.0490e+01	1.5439e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	5.0562e+01	2.1337e+01	1.0840e+01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	4.6099e+01	2.9262e+01	1.1551e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	3.2272e+01	3.9336e+01	5.7537e+00
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	5.0173e+01	5.1499e-01	2.6644e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	6.3020e+01	-2.9967e+00	1.5760e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	5.3719e+01	1.3742e+01	9.8931e+00
	1618	0.0000e+00	0.0000e+00	0.0000e+00	3.7547e+01	2.1878e+01	2.0776e+01
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	6.7882e+01	-4.0519e+01	2.5343e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	7.9044e+01	-3.3688e+01	1.1564e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	6.8697e+01	-1.5304e+01	1.4019e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	5.0467e+01	-1.3346e+01	2.7798e+01
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	7.6748e+01	-6.7439e+01	5.4538e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	8.9148e+01	-5.3076e+01	-1.4219e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	8.4592e+01	-4.4755e+01	1.0241e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	6.7451e+01	-5.3547e+01	1.7117e+01
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	1.7636e+01	-5.2949e+01	-3.0279e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	5.8595e+01	-4.0737e+01	-2.0813e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	6.3743e+01	-5.2738e+01	-2.2959e+00
	1615	0.0000e+00	0.0000e+00	0.0000e+00	3.1560e+01	-7.7289e+01	-1.1762e+01
981	1613	0.0000e+00	0.0000e+00	0.0000e+00	2.6507e+00	8.6364e+00	-3.8904e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	3.8728e+01	2.1669e-01	-2.4082e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	4.8965e+01	-2.4465e+01	-2.5344e+01

1614 0.0000e+00 0.0000e+00 0.0000e+00 2.2277e+01 -3.0379e+01 -4.0166e+01

982 1612 0.0000e+00 0.0000e+00 0.0000e+00 -2.5955e+00 4.6549e+01 -2.1507e+01  
1620 0.0000e+00 0.0000e+00 0.0000e+00 2.5075e+01 3.2924e+01 -1.4072e+01  
1621 0.0000e+00 0.0000e+00 0.0000e+00 3.2723e+01 1.3654e+01 -2.6597e+01  
1613 0.0000e+00 0.0000e+00 0.0000e+00 4.7378e+00 2.4895e+01 -3.4032e+01

983 1611 0.0000e+00 0.0000e+00 0.0000e+00 -3.3271e+00 5.9862e+01 2.5256e-01  
1619 0.0000e+00 0.0000e+00 0.0000e+00 2.1041e+01 4.4268e+01 2.0242e+00  
1620 0.0000e+00 0.0000e+00 0.0000e+00 2.3026e+01 3.8969e+01 -1.3611e+01  
1612 0.0000e+00 0.0000e+00 0.0000e+00 -1.7428e+00 5.4415e+01 -1.5383e+01

984 1610 0.0000e+00 0.0000e+00 0.0000e+00 -1.5664e+00 4.9090e+01 2.2107e+01  
1618 0.0000e+00 0.0000e+00 0.0000e+00 2.4781e+01 3.2925e+01 1.9346e+01  
1619 0.0000e+00 0.0000e+00 0.0000e+00 2.1073e+01 4.3411e+01 3.5221e+00  
1611 0.0000e+00 0.0000e+00 0.0000e+00 -3.4209e+00 5.8663e+01 6.2827e+00

985 1609 0.0000e+00 0.0000e+00 0.0000e+00 5.6320e+00 1.2038e+01 4.1109e+01  
1617 0.0000e+00 0.0000e+00 0.0000e+00 3.6516e+01 4.7056e-01 3.2301e+01  
1618 0.0000e+00 0.0000e+00 0.0000e+00 2.7064e+01 2.4997e+01 1.9604e+01  
1610 0.0000e+00 0.0000e+00 0.0000e+00 -2.6630e+00 3.8637e+01 2.8413e+01

986 1608 0.0000e+00 0.0000e+00 0.0000e+00 2.5347e+01 -5.2500e+01 4.6155e+01  
1616 0.0000e+00 0.0000e+00 0.0000e+00 5.5150e+01 -4.4592e+01 2.9246e+01  
1617 0.0000e+00 0.0000e+00 0.0000e+00 4.3283e+01 -1.5285e+01 2.9149e+01  
1609 0.0000e+00 0.0000e+00 0.0000e+00 3.1456e+00 -7.1853e+00 4.6058e+01

987 1243 0.0000e+00 0.0000e+00 0.0000e+00 3.6287e+01 -1.0675e+02 1.2194e+01  
1254 0.0000e+00 0.0000e+00 0.0000e+00 7.1909e+01 -7.7397e+01 1.2273e+00  
1616 0.0000e+00 0.0000e+00 0.0000e+00 6.6065e+01 -6.3222e+01 2.3621e+01  
1608 0.0000e+00 0.0000e+00 0.0000e+00 2.0036e+01 -7.8329e+01 3.4588e+01

988 1606 0.0000e+00 0.0000e+00 0.0000e+00 -7.5918e+01 -8.5715e+01 -5.2025e+01  
1614 0.0000e+00 0.0000e+00 0.0000e+00 1.4027e+01 -6.7847e+01 -3.7393e+01  
1615 0.0000e+00 0.0000e+00 0.0000e+00 2.0931e+01 -9.4931e+01 -6.0257e+00  
1607 0.0000e+00 0.0000e+00 0.0000e+00 -5.3342e+01 -1.3934e+02 -2.0657e+01

989 1605 0.0000e+00 0.0000e+00 0.0000e+00 -6.2950e+01 2.2509e+01 -4.2406e+01  
1613 0.0000e+00 0.0000e+00 0.0000e+00 -1.3374e+01 1.2462e+01 -3.5368e+01  
1614 0.0000e+00 0.0000e+00 0.0000e+00 -6.3121e+00 -3.6455e+01 -4.8635e+01  
1606 0.0000e+00 0.0000e+00 0.0000e+00 -5.5832e+01 -2.0161e+01 -5.5673e+01

990 1604 0.0000e+00 0.0000e+00 0.0000e+00 -4.8194e+01 6.7059e+01 -1.7130e+01  
1612 0.0000e+00 0.0000e+00 0.0000e+00 -1.9131e+01 5.3119e+01 -1.9087e+01  
1613 0.0000e+00 0.0000e+00 0.0000e+00 -1.4798e+01 2.4373e+01 -3.6911e+01  
1605 0.0000e+00 0.0000e+00 0.0000e+00 -5.6471e+01 4.5818e+01 -3.4954e+01

991 1603 0.0000e+00 0.0000e+00 0.0000e+00 -4.2630e+01 7.9861e+01 1.6386e+00  
1611 0.0000e+00 0.0000e+00 0.0000e+00 -1.8351e+01 6.4863e+01 6.6344e-01  
1612 0.0000e+00 0.0000e+00 0.0000e+00 -1.7757e+01 5.7393e+01 -1.5593e+01  
1604 0.0000e+00 0.0000e+00 0.0000e+00 -4.5188e+01 7.4668e+01 -1.4617e+01

992 1602 0.0000e+00 0.0000e+00 0.0000e+00 -4.7569e+01 6.9809e+01 2.0012e+01  
1610 0.0000e+00 0.0000e+00 0.0000e+00 -1.8262e+01 5.1462e+01 2.1981e+01  
1611 0.0000e+00 0.0000e+00 0.0000e+00 -1.8771e+01 6.4311e+01 5.3621e+00  
1603 0.0000e+00 0.0000e+00 0.0000e+00 -4.3093e+01 7.8959e+01 3.3933e+00

993 1601 0.0000e+00 0.0000e+00 0.0000e+00 -6.1611e+01 3.3888e+01 4.1530e+01  
1609 0.0000e+00 0.0000e+00 0.0000e+00 -1.5612e+01 1.0749e+01 4.4152e+01  
1610 0.0000e+00 0.0000e+00 0.0000e+00 -2.0376e+01 4.5868e+01 2.5351e+01  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -5.1564e+01 6.0056e+01 2.2728e+01

994 1600 0.0000e+00 0.0000e+00 0.0000e+00 -6.1383e+01 -4.2743e+01 6.3534e+01  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -6.2290e+00 -5.9888e+01 5.5640e+01  
1609 0.0000e+00 0.0000e+00 0.0000e+00 -1.4275e+01 -3.2446e+00 4.1874e+01  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -6.9242e+01 6.9385e+00 4.9769e+01

995 1232 0.0000e+00 0.0000e+00 0.0000e+00 -5.7611e+01 -1.7831e+02 2.3136e+01  
1243 0.0000e+00 0.0000e+00 0.0000e+00 2.4607e+01 -1.2704e+02 6.0717e+00  
1608 0.0000e+00 0.0000e+00 0.0000e+00 1.6502e+01 -9.5570e+01 4.2395e+01  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -8.3887e+01 -1.1641e+02 5.9459e+01

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1606 0.0000e+00 0.0000e+00 0.0000e+00 -1.3672e+02 -8.6024e+01 -2.9385e+01  
1607 0.0000e+00 0.0000e+00 0.0000e+00 -1.9208e+01 -1.8401e+02 -2.4387e+01  
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997 867 0.0000e+00 0.0000e+00 0.0000e+00 -1.1459e+02 4.7536e+01 2.4261e+00  
1605 0.0000e+00 0.0000e+00 0.0000e+00 -9.2939e+01 4.2654e+01 -3.2734e+01

1606 0.0000e+00 0.0000e+00 0.0000e+00 -1.2231e+02 -3.8047e+01 -4.4066e+01  
868 0.0000e+00 0.0000e+00 0.0000e+00 -1.5607e+02 -2.0433e+01 -8.9053e+00

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1604 0.0000e+00 0.0000e+00 0.0000e+00 -6.4140e+01 7.5420e+01 -1.4926e+01  
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867 0.0000e+00 0.0000e+00 0.0000e+00 -9.7643e+01 5.3478e+01 -5.2173e+00

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1603 0.0000e+00 0.0000e+00 0.0000e+00 -5.4039e+01 8.3858e+01 -1.5449e+00  
1604 0.0000e+00 0.0000e+00 0.0000e+00 -5.7784e+01 7.6145e+01 -7.5279e+00  
866 0.0000e+00 0.0000e+00 0.0000e+00 -6.8864e+01 8.2787e+01 -2.9426e+00

1000 864 0.0000e+00 0.0000e+00 0.0000e+00 -7.2827e+01 7.8027e+01 4.2561e+00  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -6.0809e+01 7.0798e+01 1.1526e+01  
1603 0.0000e+00 0.0000e+00 0.0000e+00 -5.4827e+01 8.3533e+01 5.3339e+00  
865 0.0000e+00 0.0000e+00 0.0000e+00 -6.4162e+01 8.8597e+01 -1.9359e+00

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1601 0.0000e+00 0.0000e+00 0.0000e+00 -8.4769e+01 3.0135e+01 2.7845e+01  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -6.8909e+01 6.9390e+01 1.9209e+01  
864 0.0000e+00 0.0000e+00 0.0000e+00 -8.1186e+01 7.4726e+01 -1.6571e+00

1002 862 0.0000e+00 0.0000e+00 0.0000e+00 -1.7373e+02 -4.3373e+01 1.1351e+01  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.3517e+02 -6.3028e+01 5.0837e+01  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.0248e+02 2.9243e+01 3.8295e+01  
863 0.0000e+00 0.0000e+00 0.0000e+00 -1.2686e+02 3.4488e+01 -1.1904e+00

1003 16 0.0000e+00 0.0000e+00 0.0000e+00 -4.2613e+02 -3.5997e+02 -8.3727e+00  
1232 0.0000e+00 0.0000e+00 0.0000e+00 -2.0476e+01 -2.2839e+02 2.8185e+01  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.5124e+02 -1.1702e+02 3.3860e+01  
862 0.0000e+00 0.0000e+00 0.0000e+00 -2.2170e+02 3.2840e+00 -2.6974e+00

1004 1593 0.0000e+00 0.0000e+00 0.0000e+00 2.5277e+01 -4.1586e+01 -2.7503e+00  
1599 0.0000e+00 0.0000e+00 0.0000e+00 -1.5494e+01 2.3192e+01 5.6405e+00  
31 0.0000e+00 0.0000e+00 0.0000e+00 -3.4935e+01 -1.0880e+02 8.8362e+00  
1427 0.0000e+00 0.0000e+00 0.0000e+00 6.0175e+01 -5.0965e+01 4.4547e-01

1005 1592 0.0000e+00 0.0000e+00 0.0000e+00 2.3827e+01 -1.7364e+01 8.1402e-01  
1598 0.0000e+00 0.0000e+00 0.0000e+00 -1.1562e+01 2.3562e+01 3.6330e+00  
1599 0.0000e+00 0.0000e+00 0.0000e+00 -1.7875e+01 -6.4060e+01 6.3855e+00  
1593 0.0000e+00 0.0000e+00 0.0000e+00 3.5333e+01 -2.9111e+01 3.5665e+00

1006 1591 0.0000e+00 0.0000e+00 0.0000e+00 2.5568e+01 -6.2293e+00 -2.9427e-01  
1597 0.0000e+00 0.0000e+00 0.0000e+00 -1.0154e+01 1.5751e+01 1.1638e+00  
1598 0.0000e+00 0.0000e+00 0.0000e+00 -1.3002e+01 -2.8226e+01 3.9893e+00  
1592 0.0000e+00 0.0000e+00 0.0000e+00 3.1102e+01 -1.2381e+01 2.5312e+00

1007 1590 0.0000e+00 0.0000e+00 0.0000e+00 2.8100e+01 -4.5535e+00 -1.5991e+00  
1596 0.0000e+00 0.0000e+00 0.0000e+00 -1.0550e+01 -1.3259e+00 -1.6741e+00  
1597 0.0000e+00 0.0000e+00 0.0000e+00 -1.0659e+01 -1.7150e+00 1.1333e+00  
1591 0.0000e+00 0.0000e+00 0.0000e+00 2.8071e+01 -4.5834e+00 1.2083e+00

1008 1589 0.0000e+00 0.0000e+00 0.0000e+00 3.1317e+01 -1.2269e+01 -2.9841e+00  
1595 0.0000e+00 0.0000e+00 0.0000e+00 -1.2612e+01 -2.7684e+01 -4.5849e+00  
1596 0.0000e+00 0.0000e+00 0.0000e+00 -9.9790e+00 1.5471e+01 -1.7124e+00  
1590 0.0000e+00 0.0000e+00 0.0000e+00 2.5735e+01 -6.1810e+00 -1.1148e-01

1009 1588 0.0000e+00 0.0000e+00 0.0000e+00 3.5707e+01 -2.8903e+01 -4.1643e+00  
1594 0.0000e+00 0.0000e+00 0.0000e+00 -1.7229e+01 -6.3302e+01 -7.1006e+00  
1595 0.0000e+00 0.0000e+00 0.0000e+00 -1.1114e+01 2.3369e+01 -4.2504e+00  
1589 0.0000e+00 0.0000e+00 0.0000e+00 2.4184e+01 -1.7219e+01 -1.3141e+00

1010 1362 0.0000e+00 0.0000e+00 0.0000e+00 6.0829e+01 -5.0638e+01 -1.2820e+00  
30 0.0000e+00 0.0000e+00 0.0000e+00 -3.4239e+01 -1.0778e+02 -9.7491e+00  
1594 0.0000e+00 0.0000e+00 0.0000e+00 -1.4813e+01 2.3118e+01 -6.3751e+00  
1588 0.0000e+00 0.0000e+00 0.0000e+00 2.5805e+01 -4.1347e+01 2.0920e+00

1011 1587 0.0000e+00 0.0000e+00 0.0000e+00 7.8237e+01 -3.4800e+01 3.2415e+00  
1593 0.0000e+00 0.0000e+00 0.0000e+00 4.8176e+01 -3.7662e+01 5.7815e+00  
1427 0.0000e+00 0.0000e+00 0.0000e+00 5.1911e+01 -4.5219e+01 1.5184e+00  
1416 0.0000e+00 0.0000e+00 0.0000e+00 7.9181e+01 -3.8824e+01 -1.0216e+00

1012 1586 0.0000e+00 0.0000e+00 0.0000e+00 7.1301e+01 -1.8721e+01 1.5939e+00  
1592 0.0000e+00 0.0000e+00 0.0000e+00 4.5886e+01 -1.9170e+01 5.8537e+00  
1593 0.0000e+00 0.0000e+00 0.0000e+00 5.0617e+01 -2.3114e+01 8.6029e+00  
1587 0.0000e+00 0.0000e+00 0.0000e+00 7.4417e+01 -2.9533e+01 4.3432e+00

1013 1585 0.0000e+00 0.0000e+00 0.0000e+00 6.6694e+01 -8.1186e+00 -4.8596e-01



	1591	0.0000e+00	0.0000e+00	0.0000e+00	4.4415e+01	-6.5729e+00	2.0165e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	4.6176e+01	-8.8720e+00	5.7047e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	6.9543e+01	-1.5335e+01	3.2022e+00
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	6.6245e+01	-6.8619e+00	-1.8403e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	4.4470e+01	-3.0624e+00	-1.8954e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	4.4417e+01	-3.0419e+00	1.6173e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	6.6196e+01	-6.8700e+00	1.6725e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	6.9706e+01	-1.5327e+01	-3.4319e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	4.6403e+01	-8.8384e+00	-6.0445e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	4.4540e+01	-6.5034e+00	-2.3067e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	6.6756e+01	-8.1315e+00	3.0585e-01
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	7.4697e+01	-2.9503e+01	-4.7090e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	5.1023e+01	-2.3004e+01	-9.0814e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	4.6186e+01	-1.9042e+01	-6.2327e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	7.1480e+01	-1.8729e+01	-1.8603e+00
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	7.9604e+01	-3.8708e+01	4.6929e-01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	5.2478e+01	-4.5017e+01	-2.1833e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	4.8650e+01	-3.7454e+01	-6.3184e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	7.8545e+01	-3.4783e+01	-3.6659e+00
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	8.7933e+01	-3.4376e+01	-1.9389e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	8.3195e+01	-3.2766e+01	2.5157e-01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	8.4713e+01	-3.6531e+01	1.9823e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	9.0450e+01	-3.8679e+01	-2.0817e-01
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	8.0054e+01	-1.9255e+01	-5.5850e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	7.7015e+01	-1.8902e+01	9.4922e-01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	8.2219e+01	-2.8336e+01	2.1258e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	8.6886e+01	-3.0538e+01	-4.4084e+00
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	7.3759e+01	-6.3595e+00	-3.9950e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	7.2075e+01	-8.0703e+00	6.5638e-01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	7.5338e+01	-1.4311e+01	1.1742e-01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	7.9065e+01	-1.4851e+01	-4.5340e+00
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	7.3423e+01	-4.5789e+00	7.0270e-01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	7.1373e+01	-6.1765e+00	6.6990e-01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	7.1341e+01	-6.1637e+00	-8.0701e-01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	7.3395e+01	-4.5543e+00	-7.7420e-01
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	7.9155e+01	-1.4952e+01	4.4060e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	7.5480e+01	-1.4349e+01	-3.1351e-01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	7.2151e+01	-8.0891e+00	-8.0593e-01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	7.3790e+01	-6.4165e+00	3.9136e+00
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	8.7047e+01	-3.0692e+01	4.1570e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	8.2482e+01	-2.8376e+01	-2.4522e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	7.7202e+01	-1.8944e+01	-1.1829e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	8.0152e+01	-1.9384e+01	5.4264e+00
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	9.0710e+01	-3.8834e+01	-2.4123e-01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	8.5078e+01	-3.6508e+01	-2.5072e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	8.3508e+01	-3.2801e+01	-6.3131e-01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	8.8106e+01	-3.4548e+01	1.6346e+00
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	7.0679e+01	-4.3114e+01	-9.5698e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	8.8084e+01	-3.7225e+01	-5.3284e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	8.9458e+01	-4.0970e+01	2.7049e+00
	1394	0.0000e+00	0.0000e+00	0.0000e+00	7.7118e+01	-5.2525e+01	-1.5365e+00
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	5.9033e+01	-1.7208e+01	-1.6585e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	7.8452e+01	-2.0806e+01	-6.8764e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	8.4550e+01	-3.1091e+01	-5.9916e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	7.0818e+01	-3.6610e+01	-1.5700e+01
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	5.0962e+01	2.9081e+00	-9.3730e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	7.0014e+01	-5.9900e+00	-2.5924e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	7.4649e+01	-1.3863e+01	-8.4454e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	5.8818e+01	-1.0051e+01	-1.5226e+01
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	5.0830e+01	5.8373e+00	4.1599e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	6.8534e+01	-3.2121e+00	4.1413e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	6.8516e+01	-3.1702e+00	-4.1980e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	5.0814e+01	5.8886e+00	-4.1794e+00

1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	5.8861e+01	-1.0246e+01	1.5158e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	7.4728e+01	-1.4004e+01	8.3373e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	7.0055e+01	-6.0524e+00	2.5246e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	5.0969e+01	2.8118e+00	9.3458e+00
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	7.0901e+01	-3.6930e+01	1.5525e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	8.4702e+01	-3.1307e+01	5.7666e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	7.8557e+01	-2.0965e+01	6.7348e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	5.9069e+01	-1.7444e+01	1.6493e+01
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	7.7280e+01	-5.2937e+01	1.1839e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	8.9681e+01	-4.1213e+01	-3.1212e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	8.8271e+01	-3.7450e+01	5.0498e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	7.0760e+01	-4.3469e+01	9.3549e+00
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	2.2407e+01	-6.3393e+01	-2.4443e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	6.7160e+01	-5.1576e+01	-1.5092e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	7.0462e+01	-6.0216e+01	2.2668e+00
	1383	0.0000e+00	0.0000e+00	0.0000e+00	3.6329e+01	-8.6093e+01	-7.0835e+00
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	6.8068e+00	-1.0286e+01	-3.2969e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	4.9726e+01	-1.9935e+01	-1.7937e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	5.8902e+01	-3.9036e+01	-1.8991e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	2.5320e+01	-4.6397e+01	-3.4023e+01
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	6.0349e-01	2.1505e+01	-1.5251e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	3.7099e+01	4.9075e+00	-7.5511e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	4.3609e+01	-8.9025e+00	-2.0749e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	8.2780e+00	3.1591e+00	-2.8449e+01
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	1.0776e+00	2.6579e+01	8.2275e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	3.5197e+01	8.7197e+00	8.2172e+00
	1573	0.0000e+00	0.0000e+00	0.0000e+00	3.5188e+01	8.7829e+00	-8.2373e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	1.0669e+00	2.6653e+01	-8.2270e+00
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	8.2951e+00	2.8882e+00	2.8410e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	4.3645e+01	-9.1273e+00	2.0687e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	3.7115e+01	4.8047e+00	7.5218e+00
	1566	0.0000e+00	0.0000e+00	0.0000e+00	5.9690e-01	2.1376e+01	1.5245e+01
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	2.5357e+01	-4.6850e+01	3.3900e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	5.8982e+01	-3.9406e+01	1.8833e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	4.9774e+01	-2.0197e+01	1.7846e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	6.8101e+00	-1.0610e+01	3.2913e+01
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	3.6443e+01	-8.6721e+01	6.8269e+00
	1329	0.0000e+00	0.0000e+00	0.0000e+00	7.0600e+01	-6.0701e+01	-2.5872e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	6.7263e+01	-5.1979e+01	1.4885e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	2.2438e+01	-6.3898e+01	2.4299e+01
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	-7.7976e+01	-1.0274e+02	-4.9012e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	1.6764e+01	-7.9171e+01	-3.3438e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	2.2917e+01	-1.0361e+02	-1.5570e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-5.5440e+01	-1.4926e+02	-1.7131e+01
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	-7.2755e+01	3.1157e+00	-4.2406e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.2557e+01	-8.4273e+00	-3.0954e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-2.9949e+00	-5.1747e+01	-4.3317e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-6.1221e+01	-3.6444e+01	-5.4769e+01
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	-6.2721e+01	4.6422e+01	-1.3823e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-2.2775e+01	2.7756e+01	-1.2979e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.6644e+01	3.6556e+00	-3.3304e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-6.7297e+01	2.9124e+01	-3.4148e+01
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	-6.0858e+01	5.3000e+01	1.0110e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-2.2875e+01	3.1064e+01	1.0101e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-2.2880e+01	3.1143e+01	-1.0110e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-6.0869e+01	5.3093e+01	-1.0101e+01
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	-6.7278e+01	2.8788e+01	3.4123e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.6629e+01	3.3640e+00	3.3260e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-2.2770e+01	2.7619e+01	1.2964e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-6.2728e+01	4.6266e+01	1.3827e+01
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	-6.1200e+01	-3.6993e+01	5.4680e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-2.9516e+00	-5.2236e+01	4.3204e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.2543e+01	-8.7711e+00	3.0889e+01

	1559	0.0000e+00	0.0000e+00	0.0000e+00	-7.2749e+01	2.7282e+00	4.2365e+01
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	-5.5331e+01	-1.5004e+02	1.6982e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	2.3008e+01	-1.0429e+02	1.3368e+00
	1564	0.0000e+00	0.0000e+00	0.0000e+00	1.6812e+01	-7.9708e+01	3.3284e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-7.7954e+01	-1.0332e+02	4.8929e+01
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	-2.2139e+02	3.8278e+00	2.4486e-01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.4201e+02	-1.0641e+02	-2.9676e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.9106e+01	-1.9269e+02	-2.2408e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	-3.9942e+02	-3.1870e+02	7.5131e+00
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	-1.3689e+02	3.2789e+01	9.3712e-01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.1124e+02	2.6284e+01	-3.2624e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.3329e+02	-5.7232e+01	-4.6439e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-1.7667e+02	-3.3739e+01	-1.2878e+01
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	-1.0282e+02	6.3878e+01	2.4735e+00
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-8.6652e+01	5.6524e+01	-1.3119e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-9.7127e+01	2.5712e+01	-2.2686e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-1.2107e+02	3.9131e+01	-7.0932e+00
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	-9.8035e+01	6.5732e+01	4.2080e+00
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-8.2407e+01	5.6626e+01	4.1952e+00
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-8.2416e+01	5.6719e+01	-4.1964e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-9.8049e+01	6.5835e+01	-4.1837e+00
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.2103e+02	3.8755e+01	7.0974e+00
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-9.7098e+01	2.5367e+01	2.2658e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-8.6645e+01	5.6356e+01	1.3111e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.0282e+02	6.3699e+01	-2.4495e+00
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	-1.7657e+02	-3.4352e+01	1.2839e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.3322e+02	-5.7791e+01	4.6350e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.1120e+02	2.5867e+01	3.2577e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.3686e+02	3.2337e+01	-9.3418e-01
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	-3.9918e+02	-3.1927e+02	-7.5362e+00
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.9079e+01	-1.9348e+02	2.2340e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.4196e+02	-1.0698e+02	2.9579e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-2.2127e+02	3.0978e+00	-2.9729e-01
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	2.5827e+01	-4.1321e+01	-2.0920e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-1.4786e+01	2.3103e+01	6.3801e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	-3.4182e+01	-1.0770e+02	9.7563e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	6.0829e+01	-5.0610e+01	1.2841e+00
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	2.4200e+01	-1.7210e+01	1.3097e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	-1.1103e+01	2.3349e+01	4.2506e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-1.7205e+01	-6.3250e+01	7.1021e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	3.5720e+01	-2.8884e+01	4.1612e+00
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	2.5745e+01	-6.1834e+00	1.0736e-01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	-9.9775e+00	1.5438e+01	1.7109e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	-1.2601e+01	-2.7646e+01	4.5837e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	3.1323e+01	-1.2263e+01	2.9802e+00
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	2.8078e+01	-4.5995e+00	-1.2105e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-1.0666e+01	-1.7646e+00	-1.1345e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	-1.0548e+01	-1.3008e+00	1.6722e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	2.8101e+01	-4.5603e+00	1.5961e+00
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	3.1107e+01	-1.2412e+01	-2.5298e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.3015e+01	-2.8295e+01	-3.9886e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-1.0160e+01	1.5764e+01	-1.1649e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	2.5565e+01	-6.2509e+00	2.9387e-01
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	3.5343e+01	-2.9157e+01	-3.5578e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-1.7893e+01	-6.4153e+01	-6.3807e+00
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.1574e+01	2.3562e+01	-3.6320e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	2.3824e+01	-1.7403e+01	-8.0907e-01
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	6.0190e+01	-5.1015e+01	-4.1768e-01
	25	0.0000e+00	0.0000e+00	0.0000e+00	-3.4938e+01	-1.0892e+02	-8.8212e+00
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-1.5509e+01	2.3177e+01	-5.6380e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	2.5281e+01	-4.1642e+01	2.7655e+00
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	7.8549e+01	-3.4765e+01	3.6570e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	4.8663e+01	-3.7427e+01	6.3113e+00

	1277	0.0000e+00	0.0000e+00	0.0000e+00	5.2492e+01	-4.4995e+01	2.1813e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	7.9609e+01	-3.8690e+01	-4.7301e-01
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	7.1485e+01	-1.8719e+01	1.8494e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	4.6197e+01	-1.9028e+01	6.2221e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	5.1033e+01	-2.2991e+01	9.0717e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	7.4703e+01	-2.9487e+01	4.6990e+00
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	6.6763e+01	-8.1326e+00	-3.1602e-01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	4.4547e+01	-6.5021e+00	2.2968e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	4.6411e+01	-8.8353e+00	6.0338e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	6.9712e+01	-1.5319e+01	3.4209e+00
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	6.6204e+01	-6.8834e+00	-1.6799e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	4.4422e+01	-3.0537e+00	-1.6251e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	4.4475e+01	-3.0716e+00	1.8858e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	6.6253e+01	-6.8656e+00	1.8310e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	6.9553e+01	-1.5360e+01	-3.2048e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	4.6181e+01	-8.8979e+00	-5.7084e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	4.4419e+01	-6.5958e+00	-2.0235e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	6.6703e+01	-8.1349e+00	4.8011e-01
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	7.4428e+01	-2.9568e+01	-4.3371e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	5.0624e+01	-2.3154e+01	-8.5982e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	4.5889e+01	-1.9208e+01	-5.8554e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	7.1313e+01	-1.8750e+01	-1.5943e+00
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	7.9190e+01	-3.8861e+01	1.0388e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	5.1915e+01	-4.5265e+01	-1.4990e+00
	1546	0.0000e+00	0.0000e+00	0.0000e+00	4.8181e+01	-3.7710e+01	-5.7712e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	7.8249e+01	-3.4837e+01	-3.2334e+00
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	8.8106e+01	-3.4535e+01	-1.6434e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	8.3512e+01	-3.2785e+01	6.2356e-01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	8.5083e+01	-3.6492e+01	2.5022e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	9.0711e+01	-3.8822e+01	2.3529e-01
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	8.0153e+01	-1.9374e+01	-5.4358e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	7.7207e+01	-1.8934e+01	1.1723e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	8.2485e+01	-2.8361e+01	2.4423e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	8.7048e+01	-3.0679e+01	-4.1658e+00
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	7.3795e+01	-6.4146e+00	-3.9211e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	7.2157e+01	-8.0891e+00	7.9625e-01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	7.5484e+01	-1.4342e+01	3.0251e-01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	7.9157e+01	-1.4944e+01	-4.4148e+00
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	7.3404e+01	-4.5630e+00	7.7018e-01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	7.1349e+01	-6.1752e+00	8.0020e-01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	7.1380e+01	-6.1800e+00	-6.7916e-01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	7.3429e+01	-4.5799e+00	-7.0918e-01
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	7.9076e+01	-1.4870e+01	4.5345e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	7.5348e+01	-1.4334e+01	-1.1950e-01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	7.2083e+01	-8.0854e+00	-6.6192e-01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	7.3768e+01	-6.3713e+00	3.9920e+00
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	8.6899e+01	-3.0564e+01	4.4144e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	8.2230e+01	-2.8368e+01	-2.1207e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	7.7024e+01	-1.8928e+01	-9.4876e-01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	8.0066e+01	-1.9277e+01	5.5863e+00
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	9.0460e+01	-3.8707e+01	2.2014e-01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	8.4721e+01	-3.6565e+01	-1.9678e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	8.3205e+01	-3.2799e+01	-2.4254e-01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	8.7945e+01	-3.4403e+01	1.9454e+00
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	7.0756e+01	-4.3456e+01	-9.3644e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	8.8271e+01	-3.7438e+01	-5.0579e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	8.9682e+01	-4.1202e+01	3.1142e+00
	1244	0.0000e+00	0.0000e+00	0.0000e+00	7.7278e+01	-5.2929e+01	-1.1924e+00
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	5.9067e+01	-1.7432e+01	-1.6500e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	7.8558e+01	-2.0955e+01	-6.7432e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	8.4702e+01	-3.1295e+01	-5.7762e+00
	1533	0.0000e+00	0.0000e+00	0.0000e+00	7.0897e+01	-3.6917e+01	-1.5533e+01
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	5.0971e+01	2.8171e+00	-9.3489e+00

	1537	0.0000e+00	0.0000e+00	0.0000e+00	7.0058e+01	-6.0495e+00	-2.5311e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	7.4728e+01	-1.3996e+01	-8.3461e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	5.8859e+01	-1.0235e+01	-1.5164e+01
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	5.0820e+01	5.8840e+00	4.1799e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	6.8524e+01	-3.1773e+00	4.1946e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	6.8538e+01	-3.2126e+00	-4.1472e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	5.0833e+01	5.8398e+00	-4.1619e+00
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	5.8828e+01	-1.0067e+01	1.5230e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	7.4660e+01	-1.3880e+01	8.4457e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	7.0022e+01	-6.0008e+00	2.5902e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	5.0970e+01	2.9002e+00	9.3741e+00
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	7.0831e+01	-3.6632e+01	1.5705e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	8.4562e+01	-3.1115e+01	5.9959e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	7.8463e+01	-2.0826e+01	6.8787e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	5.9044e+01	-1.7226e+01	1.6588e+01
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	7.7126e+01	-5.2547e+01	1.5429e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	8.9467e+01	-4.0996e+01	-2.6956e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	8.8095e+01	-3.7250e+01	5.3353e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	7.0691e+01	-4.3137e+01	9.5738e+00
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	2.2428e+01	-6.3882e+01	-2.4310e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	6.7258e+01	-5.1967e+01	-1.4893e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	7.0595e+01	-6.0693e+01	2.5773e+00
	1233	0.0000e+00	0.0000e+00	0.0000e+00	3.6437e+01	-8.6713e+01	-6.8395e+00
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	6.8043e+00	-1.0593e+01	-3.2916e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	4.9769e+01	-2.0184e+01	-1.7851e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	5.8977e+01	-3.9393e+01	-1.8842e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	2.5348e+01	-4.6831e+01	-3.3907e+01
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	5.9708e-01	2.1385e+01	-1.5243e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	3.7115e+01	4.8114e+00	-7.5235e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	4.3641e+01	-9.1161e+00	-2.0692e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	8.2904e+00	2.9039e+00	-2.8411e+01
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	1.0719e+00	2.6652e+01	8.2327e+00
	1530	0.0000e+00	0.0000e+00	0.0000e+00	3.5193e+01	8.7793e+00	8.2387e+00
	1531	0.0000e+00	0.0000e+00	0.0000e+00	3.5198e+01	8.7231e+00	-8.2179e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	1.0786e+00	2.6585e+01	-8.2240e+00
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	8.2870e+00	3.1458e+00	2.8457e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	4.3619e+01	-8.9168e+00	2.0753e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	3.7105e+01	4.9004e+00	7.5535e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	6.0900e-01	2.1500e+01	1.5257e+01
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	2.5332e+01	-4.6422e+01	3.4029e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	5.8914e+01	-3.9059e+01	1.8995e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	4.9737e+01	-1.9953e+01	1.7942e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	6.8157e+00	-1.0303e+01	3.2976e+01
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	3.6336e+01	-8.6117e+01	7.0833e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	7.0472e+01	-6.0239e+01	-2.2638e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	6.7172e+01	-5.1599e+01	1.5098e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	2.2418e+01	-6.3420e+01	2.4445e+01
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-7.7971e+01	-1.0328e+02	-4.8940e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	1.6799e+01	-7.9688e+01	-3.3291e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	2.2996e+01	-1.0428e+02	-1.3520e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-5.5340e+01	-1.5004e+02	-1.7002e+01
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	-7.2751e+01	2.7528e+00	-4.2356e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.2553e+01	-8.7501e+00	-3.0889e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-2.9630e+00	-5.2216e+01	-4.3211e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-6.1216e+01	-3.6961e+01	-5.4679e+01
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	-6.2724e+01	4.6278e+01	-1.3818e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-2.2771e+01	2.7630e+01	-1.2960e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.6635e+01	3.3806e+00	-3.3257e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-6.7279e+01	2.8806e+01	-3.4115e+01
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-6.0863e+01	5.3094e+01	1.0110e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-2.2876e+01	3.1142e+01	1.0116e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-2.2874e+01	3.1071e+01	-1.0096e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-6.0853e+01	5.3007e+01	-1.0102e+01

1092 1517 0.0000e+00 0.0000e+00 0.0000e+00 -6.7292e+01 2.9113e+01 3.4158e+01  
1523 0.0000e+00 0.0000e+00 0.0000e+00 -1.6636e+01 3.6422e+00 3.3313e+01  
1524 0.0000e+00 0.0000e+00 0.0000e+00 -2.2770e+01 2.7752e+01 1.2986e+01  
1518 0.0000e+00 0.0000e+00 0.0000e+00 -6.2715e+01 4.6418e+01 1.3831e+01

1093 1516 0.0000e+00 0.0000e+00 0.0000e+00 -6.1209e+01 -3.6471e+01 5.4780e+01  
1522 0.0000e+00 0.0000e+00 0.0000e+00 -2.9847e+00 -5.1773e+01 4.3324e+01  
1523 0.0000e+00 0.0000e+00 0.0000e+00 -1.2547e+01 -8.4446e+00 3.0962e+01  
1517 0.0000e+00 0.0000e+00 0.0000e+00 -7.2750e+01 3.0968e+00 4.2418e+01

1094 1162 0.0000e+00 0.0000e+00 0.0000e+00 -5.5442e+01 -1.4930e+02 1.7120e+01  
1172 0.0000e+00 0.0000e+00 0.0000e+00 2.2930e+01 -1.0364e+02 1.5519e+00  
1522 0.0000e+00 0.0000e+00 0.0000e+00 1.6780e+01 -7.9202e+01 3.3444e+01  
1516 0.0000e+00 0.0000e+00 0.0000e+00 -7.7970e+01 -1.0280e+02 4.9012e+01

1095 1011 0.0000e+00 0.0000e+00 0.0000e+00 -2.2124e+02 3.1337e+00 3.3079e-01  
1521 0.0000e+00 0.0000e+00 0.0000e+00 -1.4199e+02 -1.0692e+02 -2.9579e+01  
1222 0.0000e+00 0.0000e+00 0.0000e+00 -1.9111e+01 -1.9346e+02 -2.2388e+01  
15 0.0000e+00 0.0000e+00 0.0000e+00 -3.9921e+02 -3.1913e+02 7.5222e+00

1096 1010 0.0000e+00 0.0000e+00 0.0000e+00 -1.3685e+02 3.2357e+01 9.4714e-01  
1520 0.0000e+00 0.0000e+00 0.0000e+00 -1.1120e+02 2.5891e+01 -3.2569e+01  
1521 0.0000e+00 0.0000e+00 0.0000e+00 -1.3323e+02 -5.7754e+01 -4.6339e+01  
1011 0.0000e+00 0.0000e+00 0.0000e+00 -1.7655e+02 -3.4318e+01 -1.2823e+01

1097 1009 0.0000e+00 0.0000e+00 0.0000e+00 -1.0280e+02 6.3707e+01 2.4598e+00  
1519 0.0000e+00 0.0000e+00 0.0000e+00 -8.6637e+01 5.6366e+01 -1.3103e+01  
1520 0.0000e+00 0.0000e+00 0.0000e+00 -9.7093e+01 2.5387e+01 -2.2647e+01  
1010 0.0000e+00 0.0000e+00 0.0000e+00 -1.2101e+02 3.8771e+01 -7.0847e+00

1098 1008 0.0000e+00 0.0000e+00 0.0000e+00 -9.8034e+01 6.5833e+01 4.1911e+00  
1518 0.0000e+00 0.0000e+00 0.0000e+00 -8.2409e+01 5.6719e+01 4.2034e+00  
1519 0.0000e+00 0.0000e+00 0.0000e+00 -8.2400e+01 5.6635e+01 -4.1861e+00  
1009 0.0000e+00 0.0000e+00 0.0000e+00 -9.8020e+01 6.5738e+01 -4.1985e+00

1099 1007 0.0000e+00 0.0000e+00 0.0000e+00 -1.2105e+02 3.9116e+01 7.0966e+00  
1517 0.0000e+00 0.0000e+00 0.0000e+00 -9.7123e+01 2.5700e+01 2.2692e+01  
1518 0.0000e+00 0.0000e+00 0.0000e+00 -8.6645e+01 5.6522e+01 1.3127e+01  
1008 0.0000e+00 0.0000e+00 0.0000e+00 -1.0280e+02 6.3875e+01 -2.4678e+00

1100 1006 0.0000e+00 0.0000e+00 0.0000e+00 -1.7667e+02 -3.3778e+01 1.2876e+01  
1516 0.0000e+00 0.0000e+00 0.0000e+00 -1.3330e+02 -5.7268e+01 4.6447e+01  
1517 0.0000e+00 0.0000e+00 0.0000e+00 -1.1124e+02 2.6273e+01 3.2634e+01  
1007 0.0000e+00 0.0000e+00 0.0000e+00 -1.3689e+02 3.2775e+01 -9.3658e-01

1101 14 0.0000e+00 0.0000e+00 0.0000e+00 -3.9952e+02 -3.1888e+02 -7.5575e+00  
1162 0.0000e+00 0.0000e+00 0.0000e+00 -1.9058e+01 -1.9273e+02 2.2376e+01  
1516 0.0000e+00 0.0000e+00 0.0000e+00 -1.4202e+02 -1.0647e+02 2.9677e+01  
1006 0.0000e+00 0.0000e+00 0.0000e+00 -2.2141e+02 3.8269e+00 -2.5705e-01

1102 1505 0.0000e+00 0.0000e+00 0.0000e+00 -4.8510e+00 1.2147e+00 -1.0345e+01  
1515 0.0000e+00 0.0000e+00 0.0000e+00 -1.3042e+01 5.5058e+01 -1.8108e+00  
33 0.0000e+00 0.0000e+00 0.0000e+00 -4.2990e+01 -4.5758e+01 6.6573e+00  
1506 0.0000e+00 0.0000e+00 0.0000e+00 4.0819e+01 -1.0302e+01 -1.8772e+00

1103 1504 0.0000e+00 0.0000e+00 0.0000e+00 -3.5377e+00 2.7869e+01 -5.2463e+00  
1514 0.0000e+00 0.0000e+00 0.0000e+00 -1.5881e+01 5.8323e+01 -1.6913e+00  
1515 0.0000e+00 0.0000e+00 0.0000e+00 -1.6565e+01 -1.2360e+01 -6.3396e-01  
1505 0.0000e+00 0.0000e+00 0.0000e+00 3.6946e+00 1.5798e+01 -4.1890e+00

1104 1503 0.0000e+00 0.0000e+00 0.0000e+00 -1.2064e+00 3.8999e+01 -3.8977e+00  
1513 0.0000e+00 0.0000e+00 0.0000e+00 -1.7415e+01 5.7580e+01 -1.9223e+00  
1514 0.0000e+00 0.0000e+00 0.0000e+00 -1.8503e+01 1.4297e+01 -2.1539e+00  
1504 0.0000e+00 0.0000e+00 0.0000e+00 3.5204e+00 3.3381e+01 -4.1293e+00

1105 1502 0.0000e+00 0.0000e+00 0.0000e+00 2.0024e+00 4.3385e+01 -1.6530e+00  
1512 0.0000e+00 0.0000e+00 0.0000e+00 -1.7193e+01 4.9782e+01 -2.0648e+00  
1513 0.0000e+00 0.0000e+00 0.0000e+00 -1.8373e+01 3.4803e+01 -2.3923e+00  
1503 0.0000e+00 0.0000e+00 0.0000e+00 2.4235e+00 4.1911e+01 -1.9805e+00

1106 1501 0.0000e+00 0.0000e+00 0.0000e+00 6.8237e+00 4.0860e+01 2.7676e-01  
1511 0.0000e+00 0.0000e+00 0.0000e+00 -1.5469e+01 3.5492e+01 -2.5614e+00  
1512 0.0000e+00 0.0000e+00 0.0000e+00 -1.6593e+01 4.8905e+01 -2.5197e+00  
1502 0.0000e+00 0.0000e+00 0.0000e+00 2.7190e+00 4.3447e+01 3.1853e-01

1107 1500 0.0000e+00 0.0000e+00 0.0000e+00 1.3257e+01 3.1379e+01 1.1807e+00  
1510 0.0000e+00 0.0000e+00 0.0000e+00 -1.2753e+01 1.4604e+01 -3.8603e+00  
1511 0.0000e+00 0.0000e+00 0.0000e+00 -1.3410e+01 5.6744e+01 -3.0297e+00

	1501	0.0000e+00	0.0000e+00	0.0000e+00	4.6282e+00	3.8166e+01	2.0113e+00
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	2.0865e+01	1.5034e+01	4.1794e-01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-1.0041e+01	-1.3194e+01	-6.2583e+00
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-9.4647e+00	5.8587e+01	-4.2942e+00
	1500	0.0000e+00	0.0000e+00	0.0000e+00	7.9903e+00	2.6095e+01	2.3820e+00
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	2.8988e+01	-7.7242e+00	-2.1534e+00
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-8.8385e+00	-4.8339e+01	-9.6537e+00
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-5.9390e+00	5.4744e+01	-6.5408e+00
	1499	0.0000e+00	0.0000e+00	0.0000e+00	1.2272e+01	7.3691e+00	9.5950e-01
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	3.7883e+01	-3.6183e+01	-5.4747e+00
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-1.1096e+01	-9.0948e+01	-1.3240e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-4.4490e+00	4.5070e+01	-9.5316e+00
	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.6931e+01	-1.7748e+01	-1.7661e+00
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	6.7022e+01	-6.5679e+01	-3.9507e+00
	32	0.0000e+00	0.0000e+00	0.0000e+00	-2.5292e+01	-1.4058e+02	-1.6849e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-6.4299e+00	3.0210e+01	-1.3075e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	2.4401e+01	-5.2885e+01	-1.7710e-01
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	1.6294e+01	2.1680e+00	-3.8153e+00
	1505	0.0000e+00	0.0000e+00	0.0000e+00	8.5507e+00	9.0021e+00	-2.8610e+00
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-1.1073e+01	-1.5708e+01	-4.6225e-01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	3.7676e+01	-1.4083e+01	-1.4165e+00
1113	1494	0.0000e+00	0.0000e+00	0.0000e+00	1.7476e+01	2.9600e+01	-1.6741e+00
	1504	0.0000e+00	0.0000e+00	0.0000e+00	7.3227e+00	2.6799e+01	-3.5283e-01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	1.1197e+01	1.8320e+01	4.7845e-01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	1.6035e+01	1.3714e+01	-8.4282e-01
1114	1493	0.0000e+00	0.0000e+00	0.0000e+00	1.8314e+01	4.1680e+01	-6.1786e-01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	8.1749e+00	3.9900e+01	-7.6781e-01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	7.9669e+00	3.5330e+01	-6.6031e-01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	1.8246e+01	3.3315e+01	-5.1036e-01
1115	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.0840e+01	4.5981e+01	1.7383e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	1.0220e+01	4.4971e+01	1.0338e-01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	8.9379e+00	4.3556e+01	-3.4097e-01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	1.9110e+01	4.3511e+01	1.2940e+00
1116	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.5426e+01	4.2325e+01	4.1798e+00
	1501	0.0000e+00	0.0000e+00	0.0000e+00	1.4158e+01	4.3077e+01	6.5082e-01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	1.1211e+01	4.4341e+01	4.1655e-01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.1872e+01	4.5602e+01	3.9455e+00
1117	1490	0.0000e+00	0.0000e+00	0.0000e+00	3.2649e+01	3.0701e+01	5.6494e+00
	1500	0.0000e+00	0.0000e+00	0.0000e+00	2.0179e+01	3.4206e+01	-2.5760e-02
	1501	0.0000e+00	0.0000e+00	0.0000e+00	1.5500e+01	3.7898e+01	7.1121e-01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.6874e+01	3.9803e+01	6.3863e+00
1118	1489	0.0000e+00	0.0000e+00	0.0000e+00	4.2666e+01	1.1403e+01	4.9830e+00
	1499	0.0000e+00	0.0000e+00	0.0000e+00	2.8086e+01	1.8571e+01	-2.7565e+00
	1500	0.0000e+00	0.0000e+00	0.0000e+00	2.1853e+01	2.4262e+01	-3.1171e-01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	3.4642e+01	2.6121e+01	7.4277e+00
1119	1488	0.0000e+00	0.0000e+00	0.0000e+00	5.4941e+01	-1.3773e+01	1.5647e+00
	1498	0.0000e+00	0.0000e+00	0.0000e+00	3.7218e+01	-3.1205e+00	-7.6544e+00
	1499	0.0000e+00	0.0000e+00	0.0000e+00	2.9810e+01	3.8049e+00	-3.3230e+00
	1489	0.0000e+00	0.0000e+00	0.0000e+00	4.5366e+01	5.0523e+00	5.8961e+00
1120	1487	0.0000e+00	0.0000e+00	0.0000e+00	6.6806e+01	-4.0028e+01	-2.8129e+00
	1497	0.0000e+00	0.0000e+00	0.0000e+00	4.7848e+01	-2.9606e+01	-1.2379e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	3.8295e+01	-2.2509e+01	-8.1863e+00
	1488	0.0000e+00	0.0000e+00	0.0000e+00	5.8737e+01	-2.1191e+01	1.3799e+00
1121	1426	0.0000e+00	0.0000e+00	0.0000e+00	7.6713e+01	-5.6185e+01	-7.3962e-01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	5.2938e+01	-5.9906e+01	-6.7060e+00
	1497	0.0000e+00	0.0000e+00	0.0000e+00	4.6235e+01	-5.0761e+01	-9.6619e+00
	1487	0.0000e+00	0.0000e+00	0.0000e+00	7.2426e+01	-4.8064e+01	-3.6955e+00
1122	1485	0.0000e+00	0.0000e+00	0.0000e+00	2.1458e+01	4.2910e+00	-2.7583e+00
	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.0164e+01	6.8882e+00	-2.6009e+00
	1496	0.0000e+00	0.0000e+00	0.0000e+00	1.3547e+01	-1.6854e+01	-1.5029e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	2.8365e+01	-1.6641e+01	-1.6602e+00
1123	1484	0.0000e+00	0.0000e+00	0.0000e+00	2.1505e+01	3.0776e+01	-2.2509e+00
	1494	0.0000e+00	0.0000e+00	0.0000e+00	1.9486e+01	2.9680e+01	-2.7042e-01

	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.1701e+01	1.4317e+01	-6.7045e-01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	2.2939e+01	1.4090e+01	-2.6509e+00
1124	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.1940e+01	4.5084e+01	7.1147e-01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.0170e+01	4.2769e+01	9.9592e-01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	1.9880e+01	3.4086e+01	-6.5020e-01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	2.2754e+01	3.5345e+01	-9.3465e-01
1125	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.4153e+01	5.0641e+01	5.3868e+00
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.2477e+01	4.7314e+01	3.8694e+00
	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.0766e+01	4.4709e+01	1.1903e+00
	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.3069e+01	4.7199e+01	2.7077e+00
1126	1481	0.0000e+00	0.0000e+00	0.0000e+00	2.8745e+01	4.7147e+01	1.0963e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.7181e+01	4.3690e+01	7.0840e+00
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.3500e+01	4.6856e+01	4.0454e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.5280e+01	4.9997e+01	7.9245e+00
1127	1480	0.0000e+00	0.0000e+00	0.0000e+00	3.6589e+01	3.4284e+01	1.6275e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	3.4966e+01	3.1853e+01	9.4420e+00
	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.8920e+01	4.0680e+01	6.9424e+00
	1481	0.0000e+00	0.0000e+00	0.0000e+00	3.0049e+01	4.3676e+01	1.3775e+01
1128	1479	0.0000e+00	0.0000e+00	0.0000e+00	4.8406e+01	1.2012e+01	1.9659e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	4.6185e+01	1.2134e+01	9.5069e+00
	1490	0.0000e+00	0.0000e+00	0.0000e+00	3.7654e+01	2.6112e+01	8.7172e+00
	1480	0.0000e+00	0.0000e+00	0.0000e+00	3.8237e+01	2.7949e+01	1.8869e+01
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	6.3702e+01	-1.7336e+01	1.9006e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	6.0200e+01	-1.3605e+01	6.1956e+00
	1489	0.0000e+00	0.0000e+00	0.0000e+00	4.9797e+01	3.9213e+00	8.2259e+00
	1479	0.0000e+00	0.0000e+00	0.0000e+00	5.0507e+01	3.2434e+00	2.1036e+01
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	7.8637e+01	-4.6104e+01	1.2949e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	7.4781e+01	-4.0097e+01	3.7236e-01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	6.4056e+01	-2.2796e+01	5.0571e+00
	1478	0.0000e+00	0.0000e+00	0.0000e+00	6.6195e+01	-2.6961e+01	1.7633e+01
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	8.7010e+01	-6.0965e+01	2.4086e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	8.2103e+01	-5.5164e+01	-3.5322e+00
	1487	0.0000e+00	0.0000e+00	0.0000e+00	7.7209e+01	-4.7342e+01	1.8568e+00
	1477	0.0000e+00	0.0000e+00	0.0000e+00	8.0960e+01	-5.3242e+01	7.7976e+00
1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.8669e+01	6.1540e+00	-1.8716e+00
	1485	0.0000e+00	0.0000e+00	0.0000e+00	2.1580e+01	3.6582e+00	-1.4651e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	3.0347e+01	-1.6801e+01	-1.4469e+00
	1476	0.0000e+00	0.0000e+00	0.0000e+00	1.0651e+01	-1.9336e+01	-1.8534e+00
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.6900e+01	3.3086e+01	-3.4812e+00
	1484	0.0000e+00	0.0000e+00	0.0000e+00	2.1196e+01	3.1040e+01	-7.7098e-01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	2.1999e+01	1.4386e+01	-1.8821e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	2.1090e+01	1.4753e+01	-4.5923e+00
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.6406e+01	5.0383e+01	1.1264e+00
	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.0845e+01	4.5925e+01	2.2843e+00
	1484	0.0000e+00	0.0000e+00	0.0000e+00	2.1385e+01	3.6421e+01	-8.5338e-01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.7999e+01	3.8776e+01	-2.0112e+00
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.7137e+01	5.7904e+01	7.8319e+00
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.2261e+01	5.1888e+01	7.3193e+00
	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.1095e+01	4.8904e+01	2.6321e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.7359e+01	5.3066e+01	3.1447e+00
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.9558e+01	5.5610e+01	1.6252e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	2.6115e+01	4.8457e+01	1.3596e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.2854e+01	5.2092e+01	7.8595e+00
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.7927e+01	5.7395e+01	1.0516e+01
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	2.4613e+01	4.2666e+01	2.5577e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	3.3370e+01	3.5303e+01	1.9996e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	2.7353e+01	4.5752e+01	1.3902e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	2.0348e+01	5.1621e+01	1.9483e+01
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	3.3931e+01	1.7606e+01	3.4124e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	4.5042e+01	1.2317e+01	2.4541e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	3.5775e+01	2.9260e+01	1.9548e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	2.5544e+01	3.4813e+01	2.9131e+01
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	4.8688e+01	-1.9391e+01	3.7803e+01



	1478	0.0000e+00	0.0000e+00	0.0000e+00	6.1051e+01	-1.8331e+01	2.3960e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	4.9217e+01	2.7252e+00	2.2967e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	3.5023e+01	5.9427e+00	3.6809e+01
1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	6.5631e+01	-6.0295e+01	2.9906e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	7.8078e+01	-4.8991e+01	1.5113e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	6.6770e+01	-3.0023e+01	2.1596e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	4.9688e+01	-3.2797e+01	3.6389e+01
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	7.5042e+01	-8.2983e+01	6.6313e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	8.7144e+01	-6.5669e+01	-4.8783e-01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	8.2893e+01	-5.7825e+01	1.3384e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	6.6179e+01	-7.0632e+01	2.0503e+01
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	8.2230e+00	7.2646e+00	-1.6871e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.5202e+01	4.3371e-01	-1.0396e+00
	1476	0.0000e+00	0.0000e+00	0.0000e+00	3.9669e+01	-1.7593e+01	-1.1542e+00
	1466	0.0000e+00	0.0000e+00	0.0000e+00	-1.5051e+01	-2.4174e+01	-1.8017e+00
1143	1464	0.0000e+00	0.0000e+00	0.0000e+00	5.2081e+00	3.6217e+01	-5.8450e+00
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.4523e+01	3.3790e+01	-2.2950e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.4195e+01	1.4425e+01	-3.8893e+00
	1465	0.0000e+00	0.0000e+00	0.0000e+00	1.2076e+01	1.5460e+01	-7.4394e+00
1144	1463	0.0000e+00	0.0000e+00	0.0000e+00	4.4216e+00	5.6948e+01	2.3406e-01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.2732e+01	5.1310e+01	2.2144e+00
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.4456e+01	3.9904e+01	-2.0772e+00
	1464	0.0000e+00	0.0000e+00	0.0000e+00	6.3454e+00	4.3586e+01	-4.0576e+00
1145	1462	0.0000e+00	0.0000e+00	0.0000e+00	3.5048e+00	6.6633e+01	7.8755e+00
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.2437e+01	5.9236e+01	8.8514e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.2590e+01	5.5114e+01	2.9367e+00
	1463	0.0000e+00	0.0000e+00	0.0000e+00	5.1492e+00	6.0560e+01	1.9608e+00
1146	1461	0.0000e+00	0.0000e+00	0.0000e+00	2.0303e+00	6.6445e+01	1.7352e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.3468e+01	5.6804e+01	1.7519e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.2233e+01	6.0367e+01	1.0132e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	3.5722e+00	6.6766e+01	9.9659e+00
1147	1460	0.0000e+00	0.0000e+00	0.0000e+00	3.5175e-01	5.5396e+01	2.8976e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.6595e+01	4.3341e+01	2.7777e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.3245e+01	5.5361e+01	1.8832e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.4931e+00	6.2730e+01	2.0031e+01
1148	1459	0.0000e+00	0.0000e+00	0.0000e+00	4.3849e-01	3.0259e+01	4.2444e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	2.3700e+01	1.7200e+01	3.8156e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.6985e+01	3.8637e+01	2.8367e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	-7.4567e-01	4.6836e+01	3.2655e+01
1149	1458	0.0000e+00	0.0000e+00	0.0000e+00	6.4872e+00	-1.4594e+01	5.3858e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	3.7384e+01	-2.1853e+01	4.3616e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	2.6277e+01	7.7464e+00	3.6759e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	-1.2725e+00	1.5376e+01	4.7002e+01
1150	1457	0.0000e+00	0.0000e+00	0.0000e+00	2.3852e+01	-8.0255e+01	5.0937e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	5.6561e+01	-6.6273e+01	3.3426e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	4.4127e+01	-3.6901e+01	3.8982e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	4.0276e+00	-3.4984e+01	5.6493e+01
1151	1393	0.0000e+00	0.0000e+00	0.0000e+00	3.4908e+01	-1.2815e+02	1.2870e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	7.0332e+01	-9.4350e+01	2.3402e+00
	1467	0.0000e+00	0.0000e+00	0.0000e+00	6.5657e+01	-8.1346e+01	2.7455e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	2.0186e+01	-1.0208e+02	3.7984e+01
1152	1455	0.0000e+00	0.0000e+00	0.0000e+00	-1.0078e+01	6.5487e+00	-1.7368e+00
	1465	0.0000e+00	0.0000e+00	0.0000e+00	1.8317e+00	-3.9194e+00	-1.1482e+00
	1466	0.0000e+00	0.0000e+00	0.0000e+00	4.2170e+01	-2.1196e+01	-2.5808e-01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-4.9332e+01	-3.3597e+01	-8.4672e-01
1153	1454	0.0000e+00	0.0000e+00	0.0000e+00	-1.1022e+01	3.9289e+01	-7.3536e+00
	1464	0.0000e+00	0.0000e+00	0.0000e+00	1.3773e+00	3.8040e+01	-4.5266e+00
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-1.0576e+00	1.4119e+01	-6.9318e+00
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-3.3793e+00	1.8094e+01	-9.7588e+00
1154	1453	0.0000e+00	0.0000e+00	0.0000e+00	-9.0592e+00	6.3249e+01	-3.3843e-01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	-7.8763e-01	5.8387e+01	8.8030e-01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	1.5952e+00	4.4379e+01	-3.9048e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	-9.1970e+00	4.9907e+01	-5.1235e+00

1155	1452	0.0000e+00	0.0000e+00	0.0000e+00	-1.0523e+01	7.4107e+01	5.3891e+00
	1462	0.0000e+00	0.0000e+00	0.0000e+00	-2.2388e+00	6.8050e+01	7.3626e+00
	1463	0.0000e+00	0.0000e+00	0.0000e+00	-7.2295e-01	6.2401e+01	2.1747e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	-8.4034e+00	6.7609e+01	2.0125e-01
1156	1451	0.0000e+00	0.0000e+00	0.0000e+00	-1.6145e+01	7.5872e+01	1.2082e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	-5.2752e+00	6.7354e+01	1.5828e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	-3.2178e+00	6.9927e+01	9.4891e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	-1.1303e+01	7.5173e+01	5.7435e+00
1157	1450	0.0000e+00	0.0000e+00	0.0000e+00	-2.6820e+01	6.7959e+01	2.1152e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	-1.0073e+01	5.5499e+01	2.6953e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	-7.6355e+00	6.7532e+01	1.8410e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-1.8572e+01	7.3622e+01	1.2609e+01
1158	1449	0.0000e+00	0.0000e+00	0.0000e+00	-4.2959e+01	4.7021e+01	3.4253e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	-1.5148e+01	2.8803e+01	4.1419e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	-1.3703e+01	5.3542e+01	2.9545e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-3.1203e+01	6.1107e+01	2.2379e+01
1159	1448	0.0000e+00	0.0000e+00	0.0000e+00	-6.3548e+01	5.0309e+00	5.2549e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-1.4162e+01	-1.8909e+01	5.7607e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	-1.8758e+01	2.2681e+01	4.2249e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-4.9634e+01	3.2089e+01	3.7192e+01
1160	1447	0.0000e+00	0.0000e+00	0.0000e+00	-6.4690e+01	-7.6942e+01	6.9726e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	-3.3306e+00	-8.9865e+01	6.0599e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-1.2056e+01	-3.3504e+01	5.2361e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-7.2777e+01	-2.8537e+01	6.1488e+01
1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	-6.3870e+01	-2.0642e+02	2.0759e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	2.3065e+01	-1.5081e+02	6.0447e+00
	1457	0.0000e+00	0.0000e+00	0.0000e+00	1.7775e+01	-1.2102e+02	4.7256e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-8.5685e+01	-1.5490e+02	6.1970e+01
1162	782	0.0000e+00	0.0000e+00	0.0000e+00	-3.9566e+01	3.1592e+01	-1.1510e+00
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-2.2688e+01	-9.8388e+00	3.4401e+00
	1456	0.0000e+00	0.0000e+00	0.0000e+00	4.0619e+01	-2.9639e+01	3.1507e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	-9.4416e+01	-7.0441e+01	-1.4404e+00
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	-2.2531e+01	4.5771e+01	1.9204e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	-1.8358e+01	4.4883e+01	-4.4066e+00
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-2.2696e+01	1.3708e+01	-7.6708e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	-2.9848e+01	1.9909e+01	-1.3437e+00
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.6289e+01	6.6447e+01	1.6126e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	-1.3698e+01	6.5225e+01	-1.6566e-01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	-1.4466e+01	4.9495e+01	-1.8635e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	-1.8797e+01	5.1959e+01	-8.5217e-02
1165	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.7218e+01	7.6660e+01	1.1839e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	-1.4460e+01	7.5092e+01	3.2381e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	-1.2650e+01	6.8438e+01	1.8784e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.5243e+01	6.9823e+01	-1.7580e-01
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	-2.5000e+01	7.8785e+01	9.8191e-01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-2.1043e+01	7.6184e+01	7.3226e+00
	1452	0.0000e+00	0.0000e+00	0.0000e+00	-1.5803e+01	7.7126e+01	5.5897e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.8560e+01	7.8289e+01	-7.5101e-01
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	-4.1131e+01	7.1974e+01	1.3893e+00
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-3.4586e+01	6.7474e+01	1.3129e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-2.5074e+01	7.7178e+01	1.0357e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	-2.9018e+01	7.8696e+01	-1.3823e+00
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	-6.9044e+01	5.2550e+01	2.8376e+00
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-5.7413e+01	4.4649e+01	2.2124e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-4.2141e+01	6.7605e+01	1.7441e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-4.8787e+01	6.9875e+01	-1.8461e+00
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.1644e+02	1.1104e+01	5.8352e+00
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-9.2244e+01	-2.7202e+00	3.6317e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-7.0086e+01	4.4370e+01	2.8312e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-8.2447e+01	4.7928e+01	-2.1695e+00
1170	774	0.0000e+00	0.0000e+00	0.0000e+00	-1.9401e+02	-7.7370e+01	1.2496e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-1.4453e+02	-1.0345e+02	5.9058e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-1.1325e+02	-1.7716e+00	4.4892e+01

	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.3951e+02	2.9071e+00	-1.6699e+00
1171	21	0.0000e+00	0.0000e+00	0.0000e+00	-4.5594e+02	-4.1263e+02	-1.3017e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-1.8268e+01	-2.5829e+02	2.4452e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-1.5627e+02	-1.6066e+02	3.7095e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-2.4892e+02	-3.3769e+01	-3.7327e-01
1172	1436	0.0000e+00	0.0000e+00	0.0000e+00	2.2519e+01	-4.9686e+01	-5.9758e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-3.6391e+00	3.4563e+01	5.6243e+00
	32	0.0000e+00	0.0000e+00	0.0000e+00	-2.5780e+01	-1.4010e+02	1.0300e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	6.8166e+01	-6.5078e+01	-1.2998e+00
1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.6848e+01	-1.2111e+01	-4.9432e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-2.3894e+00	5.0909e+01	2.0226e+00
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-1.0751e+01	-8.5519e+01	6.0497e+00
	1436	0.0000e+00	0.0000e+00	0.0000e+00	3.9325e+01	-3.0449e+01	-9.1616e-01
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	1.3642e+01	1.4382e+01	-7.6075e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-4.4373e+00	5.9686e+01	-1.1171e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-8.6163e+00	-3.8743e+01	2.0127e+00
	1435	0.0000e+00	0.0000e+00	0.0000e+00	3.0973e+01	3.8291e-01	-4.4777e+00
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	1.1581e+01	3.2540e+01	-8.3549e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-8.0081e+00	6.0812e+01	-3.3579e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-9.5031e+00	-1.2067e+00	-1.5361e+00
	1434	0.0000e+00	0.0000e+00	0.0000e+00	2.3201e+01	2.3470e+01	-6.5331e+00
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	1.1631e+01	4.1678e+01	-7.3507e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.1098e+01	5.3927e+01	-4.8575e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-1.1175e+01	2.7373e+01	-3.9520e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	1.6760e+01	3.7835e+01	-6.4452e+00
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	1.4333e+01	4.1444e+01	-5.7659e+00
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-1.2830e+01	3.8360e+01	-6.1761e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.1927e+01	4.7424e+01	-5.4488e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	1.2599e+01	4.2904e+01	-5.0387e+00
1178	1430	0.0000e+00	0.0000e+00	0.0000e+00	1.9484e+01	3.1726e+01	-4.8694e+00
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.3651e+01	1.3425e+01	-7.8800e+00
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-1.1291e+01	5.9320e+01	-6.6195e+00
	1431	0.0000e+00	0.0000e+00	0.0000e+00	1.1023e+01	3.8529e+01	-3.6089e+00
1179	1429	0.0000e+00	0.0000e+00	0.0000e+00	2.6315e+01	1.2734e+01	-5.3860e+00
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.5136e+01	-2.1692e+01	-1.0162e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.0085e+01	6.3444e+01	-8.0168e+00
	1430	0.0000e+00	0.0000e+00	0.0000e+00	1.1586e+01	2.4784e+01	-3.2408e+00
1180	1428	0.0000e+00	0.0000e+00	0.0000e+00	3.4241e+01	-1.5172e+01	-6.7182e+00
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-1.9273e+01	-6.7816e+01	-1.2460e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.0115e+01	5.9884e+01	-9.7826e+00
	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.3448e+01	1.9550e+00	-4.0408e+00
1181	1427	0.0000e+00	0.0000e+00	0.0000e+00	6.3267e+01	-4.9258e+01	-4.1015e+00
	31	0.0000e+00	0.0000e+00	0.0000e+00	-3.6696e+01	-1.2464e+02	-1.4784e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-1.2931e+01	4.8741e+01	-1.1390e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.7855e+01	-3.3345e+01	-7.0721e-01
1182	1425	0.0000e+00	0.0000e+00	0.0000e+00	7.2746e+01	-4.6266e+01	-5.9661e-01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	4.6037e+01	-4.8861e+01	4.8857e+00
	1437	0.0000e+00	0.0000e+00	0.0000e+00	5.3409e+01	-5.8329e+01	2.7979e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	7.6483e+01	-5.6803e+01	-2.6844e+00
1183	1424	0.0000e+00	0.0000e+00	0.0000e+00	5.9200e+01	-1.4715e+01	-6.3408e+00
	1435	0.0000e+00	0.0000e+00	0.0000e+00	3.8691e+01	-1.6784e+01	2.2831e+00
	1436	0.0000e+00	0.0000e+00	0.0000e+00	4.8498e+01	-2.3958e+01	7.2382e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	6.6869e+01	-3.5808e+01	-1.3858e+00
1184	1423	0.0000e+00	0.0000e+00	0.0000e+00	4.7181e+01	1.3679e+01	-1.0267e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	3.1302e+01	1.1583e+01	-2.6593e+00
	1435	0.0000e+00	0.0000e+00	0.0000e+00	3.8017e+01	4.8121e+00	1.5713e+00
	1424	0.0000e+00	0.0000e+00	0.0000e+00	5.5883e+01	-5.6350e+00	-6.0368e+00
1185	1422	0.0000e+00	0.0000e+00	0.0000e+00	3.9321e+01	3.4062e+01	-1.0313e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	2.5538e+01	3.1825e+01	-5.1078e+00
	1434	0.0000e+00	0.0000e+00	0.0000e+00	3.0126e+01	2.6788e+01	-3.2078e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	4.5282e+01	2.0800e+01	-8.4132e+00
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.6217e+01	4.3961e+01	-7.7714e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	2.2819e+01	4.2721e+01	-5.7217e+00

	1433	0.0000e+00	0.0000e+00	0.0000e+00	2.4774e+01	4.0211e+01	-5.3343e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	3.8416e+01	3.8206e+01	-7.3840e+00
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	3.8002e+01	4.2763e+01	-4.6460e+00
	1431	0.0000e+00	0.0000e+00	0.0000e+00	2.3702e+01	4.3868e+01	-5.9634e+00
	1432	0.0000e+00	0.0000e+00	0.0000e+00	2.2794e+01	4.4127e+01	-5.7375e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.6241e+01	4.4785e+01	-4.4201e+00
1188	1419	0.0000e+00	0.0000e+00	0.0000e+00	4.4472e+01	3.0675e+01	-2.8350e+00
	1430	0.0000e+00	0.0000e+00	0.0000e+00	2.8042e+01	3.5379e+01	-7.3427e+00
	1431	0.0000e+00	0.0000e+00	0.0000e+00	2.4394e+01	3.8203e+01	-5.9956e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	3.8986e+01	4.0247e+01	-1.4878e+00
1189	1418	0.0000e+00	0.0000e+00	0.0000e+00	5.4865e+01	9.1319e+00	-3.5703e+00
	1429	0.0000e+00	0.0000e+00	0.0000e+00	3.5152e+01	1.7858e+01	-1.0657e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	2.9119e+01	2.2583e+01	-7.5009e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	4.6537e+01	2.5078e+01	-4.1388e-01
1190	1417	0.0000e+00	0.0000e+00	0.0000e+00	6.6374e+01	-1.7567e+01	-5.6121e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	4.5388e+01	-7.5638e+00	-1.4247e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	3.5798e+01	-2.0135e+00	-1.0831e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	5.8467e+01	1.2475e+00	-2.1964e+00
1191	1416	0.0000e+00	0.0000e+00	0.0000e+00	7.8028e+01	-3.8331e+01	-1.0994e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	5.1652e+01	-4.0725e+01	-7.8722e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	4.3220e+01	-3.2300e+01	-1.1491e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	7.2735e+01	-2.7549e+01	-4.7185e+00
1192	1414	0.0000e+00	0.0000e+00	0.0000e+00	8.1068e+01	-5.1565e+01	-1.1176e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	7.7193e+01	-4.5740e+01	-5.6621e+00
	1426	0.0000e+00	0.0000e+00	0.0000e+00	8.2700e+01	-5.5950e+01	2.1654e-01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	8.6735e+01	-6.1730e+01	-5.2975e+00
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	6.5595e+01	-1.9627e+01	-2.1015e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	6.4230e+01	-1.6119e+01	-9.0223e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	7.4753e+01	-3.5994e+01	-4.5287e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	7.9373e+01	-4.1357e+01	-1.6522e+01
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	5.1051e+01	1.3969e+01	-2.2144e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	5.1130e+01	1.3267e+01	-1.1170e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	6.0350e+01	-5.3483e+00	-1.0459e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	6.4066e+01	-7.4561e+00	-2.1432e+01
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	4.1927e+01	3.8362e+01	-1.6785e+01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	4.1988e+01	3.4932e+01	-9.7636e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	4.8057e+01	2.1810e+01	-1.2418e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	5.0085e+01	2.3621e+01	-1.9440e+01
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	3.8858e+01	5.0118e+01	-8.3647e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.8278e+01	4.5604e+01	-5.9518e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	4.0458e+01	3.9662e+01	-1.0337e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	4.1567e+01	4.3804e+01	-1.2750e+01
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	4.1651e+01	4.8801e+01	5.5201e-01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	4.0196e+01	4.4590e+01	-1.6143e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.8339e+01	4.6249e+01	-6.1554e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	3.9118e+01	5.1003e+01	-3.9891e+00
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	5.0310e+01	3.4716e+01	7.9670e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	4.7574e+01	3.2265e+01	1.2856e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	4.1799e+01	4.1191e+01	-1.9651e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	4.2545e+01	4.5158e+01	4.7163e+00
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	6.4250e+01	9.7906e+00	1.1765e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	5.9713e+01	1.0267e+01	1.1571e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	5.0608e+01	2.5101e+01	4.9864e-01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	5.1860e+01	2.6877e+01	1.1107e+01
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	7.9867e+01	-1.9079e+01	1.0408e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	7.4516e+01	-1.6607e+01	-1.6452e+00
	1418	0.0000e+00	0.0000e+00	0.0000e+00	6.3508e+01	6.9918e-01	3.7749e-01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	6.6451e+01	-8.2112e-01	1.2431e+01
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	8.9459e+01	-3.8070e+01	4.7734e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	8.4255e+01	-3.6172e+01	-2.2396e+00
	1417	0.0000e+00	0.0000e+00	0.0000e+00	7.7123e+01	-2.5840e+01	1.6636e-01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	8.2380e+01	-2.8691e+01	7.1794e+00
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	6.5495e+01	-6.7938e+01	-2.3349e+01

	1414	0.0000e+00	0.0000e+00	0.0000e+00	8.2775e+01	-5.6507e+01	-1.6375e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	8.8289e+01	-6.6361e+01	-1.8059e+00
	1404	0.0000e+00	0.0000e+00	0.0000e+00	7.4112e+01	-8.3690e+01	-8.7795e+00
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	4.7959e+01	-2.2623e+01	-3.8172e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	6.5952e+01	-2.2087e+01	-2.3667e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	7.7036e+01	-4.3947e+01	-1.8661e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	6.6267e+01	-5.3294e+01	-3.3166e+01
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	3.4376e+01	2.0121e+01	-3.4416e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	4.9324e+01	1.4321e+01	-2.2415e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	6.0083e+01	-7.7898e+00	-2.6081e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	4.7935e+01	-6.3519e+00	-3.8082e+01
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	2.7408e+01	4.8679e+01	-2.2370e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	3.8998e+01	4.0416e+01	-1.5657e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	4.5842e+01	2.4809e+01	-2.3559e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	3.4167e+01	3.2145e+01	-3.0272e+01
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	2.5686e+01	6.1759e+01	-8.2305e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	3.5488e+01	5.2691e+01	-6.2838e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	3.7701e+01	4.5874e+01	-1.5513e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	2.7418e+01	5.5024e+01	-1.7460e+01
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.8273e+01	6.0275e+01	5.9475e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	3.8045e+01	5.1163e+01	3.6934e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	3.5712e+01	5.3431e+01	-5.5934e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	2.6039e+01	6.2652e+01	-3.3393e+00
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	3.5792e+01	4.4139e+01	1.9078e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	4.6531e+01	3.6379e+01	1.2342e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	3.9696e+01	4.7294e+01	4.0868e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.8977e+01	5.5830e+01	1.0823e+01
1209	1396	0.0000e+00	0.0000e+00	0.0000e+00	4.9511e+01	1.3361e+01	2.8228e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	6.0745e+01	1.0238e+01	1.6669e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	5.0088e+01	2.7751e+01	1.1773e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	3.6745e+01	3.4292e+01	2.3332e+01
1210	1395	0.0000e+00	0.0000e+00	0.0000e+00	6.7127e+01	-2.5822e+01	2.7096e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	7.7703e+01	-2.0422e+01	1.3202e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	6.6323e+01	-2.0557e+00	1.5205e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	5.0353e+01	-6.1119e-01	2.9099e+01
1211	1394	0.0000e+00	0.0000e+00	0.0000e+00	7.5858e+01	-5.2107e+01	1.0326e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	8.9763e+01	-4.1001e+01	2.8023e+00
	1406	0.0000e+00	0.0000e+00	0.0000e+00	8.3072e+01	-3.1558e+01	1.2165e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	6.7303e+01	-3.8935e+01	1.9689e+01
1212	1392	0.0000e+00	0.0000e+00	0.0000e+00	1.7977e+01	-9.6850e+01	-4.0940e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	6.4930e+01	-7.9159e+01	-2.9908e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	7.2020e+01	-9.4953e+01	-4.1306e+00
	1393	0.0000e+00	0.0000e+00	0.0000e+00	3.3242e+01	-1.2815e+02	-1.5163e+01
1213	1391	0.0000e+00	0.0000e+00	0.0000e+00	2.0635e+00	-1.9539e+01	-5.6104e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	4.1670e+01	-2.5172e+01	-3.9245e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	5.3683e+01	-5.8710e+01	-3.6947e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	2.4211e+01	-6.8881e+01	-5.3805e+01
1214	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.6091e+00	3.3424e+01	-4.1455e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	2.5338e+01	2.2952e+01	-3.3127e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	3.5273e+01	-7.7628e+00	-4.3348e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	5.3316e+00	1.9411e+00	-5.1676e+01
1215	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.4602e-01	6.3963e+01	-2.3451e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.8687e+01	5.2805e+01	-2.0699e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	2.3686e+01	3.3137e+01	-3.3397e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	4.3026e-01	4.7044e+01	-3.6148e+01
1216	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.8643e+00	7.6963e+01	-6.7542e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.7659e+01	6.5446e+01	-6.5674e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.8854e+01	5.7466e+01	-1.8957e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.0477e+00	7.0405e+01	-1.9143e+01
1217	1387	0.0000e+00	0.0000e+00	0.0000e+00	3.0084e+00	7.5570e+01	9.3266e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.0009e+01	6.3013e+01	8.0542e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.8087e+01	6.6099e+01	-4.2310e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	2.3522e+00	7.7793e+01	-2.9586e+00

1218	1386	0.0000e+00	0.0000e+00	0.0000e+00	4.4029e+00	5.9125e+01	2.5989e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	2.6016e+01	4.5568e+01	2.2523e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.0602e+01	5.9820e+01	9.9962e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	2.7955e+00	7.0992e+01	1.3461e+01
1219	1385	0.0000e+00	0.0000e+00	0.0000e+00	1.0123e+01	2.3030e+01	4.1583e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	3.7806e+01	1.2718e+01	3.3434e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	2.8052e+01	3.7372e+01	2.2837e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	3.3648e+00	4.7979e+01	3.0986e+01
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	2.7263e+01	-3.6102e+01	4.6098e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	5.5303e+01	-2.9855e+01	3.0845e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	4.3766e+01	-1.8987e+00	3.0607e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	7.8934e+00	4.8183e+00	4.5860e+01
1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	3.4970e+01	-8.5895e+01	1.6261e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	7.1964e+01	-6.1130e+01	6.6298e+00
	1395	0.0000e+00	0.0000e+00	0.0000e+00	6.5134e+01	-4.7174e+01	2.5817e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	2.2283e+01	-6.0286e+01	3.5449e+01
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	-8.8717e+01	-1.3860e+02	-6.4543e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	1.4850e+01	-1.1561e+02	-4.8207e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	2.4588e+01	-1.5016e+02	-9.0994e+00
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-6.5350e+01	-2.0437e+02	-2.5436e+01
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	-6.9989e+01	-7.3553e+00	-5.6757e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.4818e+01	-1.5665e+01	-5.0588e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-8.3038e+00	-7.7659e+01	-6.3239e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-6.4004e+01	-6.0997e+01	-6.9407e+01
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	-4.6238e+01	5.2033e+01	-3.1220e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.7802e+01	4.0690e+01	-3.6894e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.4763e+01	-8.4149e-01	-5.3911e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-6.0775e+01	2.1408e+01	-4.8237e+01
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	-2.9991e+01	7.9707e+01	-1.5463e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.2152e+01	6.9881e+01	-2.1185e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.3547e+01	4.7382e+01	-3.4497e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-4.0190e+01	6.3835e+01	-2.8776e+01
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	-2.2475e+01	9.0680e+01	-3.5408e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-7.8301e+00	8.1004e+01	-6.3245e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-9.1709e+00	7.2584e+01	-1.7288e+01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-2.6775e+01	8.4551e+01	-1.4505e+01
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	-2.3597e+01	8.9434e+01	7.7740e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-6.8698e+00	7.8029e+01	8.5023e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-7.1692e+00	8.1516e+01	-2.2544e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-2.1822e+01	9.1345e+01	-2.9827e+00
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	-3.3143e+01	7.5248e+01	2.1305e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-8.5819e+00	5.9850e+01	2.5113e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-8.5428e+00	7.6485e+01	1.2424e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-2.5466e+01	8.6135e+01	8.6165e+00
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	-5.0014e+01	4.1772e+01	3.9488e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-8.2310e+00	2.1000e+01	4.3845e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-1.1677e+01	5.4821e+01	2.7782e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-3.7740e+01	6.5757e+01	2.3425e+01
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	-5.2753e+01	-2.6984e+01	5.9517e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-2.1188e+00	-4.3301e+01	5.4205e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-7.9705e+00	8.9084e+00	4.1655e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-5.7666e+01	1.7365e+01	4.6967e+01
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	-5.6244e+01	-1.4852e+02	2.2836e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	2.5300e+01	-1.0464e+02	1.0226e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	1.7951e+01	-7.5411e+01	4.2236e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-7.4448e+01	-9.4726e+01	5.4847e+01
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	-2.3212e+02	-1.1711e+01	3.1903e+00
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.5904e+02	-1.4051e+02	-3.6404e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-1.8168e+01	-2.5670e+02	-3.0156e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-4.5322e+02	-3.9783e+02	9.4380e+00
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	-1.2864e+02	2.0548e+01	1.2304e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-1.0376e+02	1.5786e+01	-4.2938e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.4114e+02	-8.2728e+01	-5.5488e+01

	674	0.0000e+00	0.0000e+00	0.0000e+00	-1.8077e+02	-6.2717e+01	-1.1319e+01
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	-7.4239e+01	6.5909e+01	1.3933e+00
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-6.2775e+01	6.1574e+01	-2.4716e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-8.3389e+01	1.6629e+01	-3.2854e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-1.0653e+02	2.8359e+01	-6.7448e+00
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	-4.6284e+01	8.7609e+01	9.1968e-01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-3.9259e+01	8.4553e+01	-1.3216e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-5.1409e+01	6.3245e+01	-1.8091e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	-6.2777e+01	6.9813e+01	-3.9559e+00
1236	670	0.0000e+00	0.0000e+00	0.0000e+00	-3.4957e+01	9.6128e+01	5.4501e-01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-2.9122e+01	9.3251e+01	-4.7437e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-3.3820e+01	8.5593e+01	-8.2093e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-4.0975e+01	8.9557e+01	-2.9206e+00
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	-3.7228e+01	9.4342e+01	4.8550e-01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-3.0395e+01	9.0645e+01	3.0205e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-2.8312e+01	9.3675e+01	-3.3612e-01
	670	0.0000e+00	0.0000e+00	0.0000e+00	-3.4174e+01	9.6605e+01	-2.8712e+00
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	-5.4012e+01	8.0894e+01	1.2540e+00
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-4.3480e+01	7.4918e+01	1.2368e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-3.4114e+01	9.0526e+01	7.8538e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-4.0858e+01	9.3461e+01	-3.2597e+00
1239	667	0.0000e+00	0.0000e+00	0.0000e+00	-9.1351e+01	4.8296e+01	3.5547e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-7.0383e+01	3.7724e+01	2.6022e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-5.2797e+01	7.4360e+01	1.8630e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-6.3412e+01	7.8380e+01	-3.8374e+00
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	-1.5686e+02	-2.8026e+01	7.4217e+00
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.2145e+02	-4.5977e+01	4.6785e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-8.8042e+01	3.8102e+01	3.5451e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.1051e+02	4.2525e+01	-3.9124e+00
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	-3.9893e+02	-3.2241e+02	-1.2326e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.4804e+01	-1.9447e+02	2.4181e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.3713e+02	-9.6235e+01	3.0683e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-2.0262e+02	1.8863e+01	-5.8243e+00
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	1.8513e+01	-3.2609e+01	-4.6303e-01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-1.1709e+01	5.0687e+01	1.0091e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	-3.5952e+01	-1.2488e+02	1.3750e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	6.4142e+01	-4.8812e+01	3.1964e+00
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	1.4245e+01	3.1902e+00	2.4269e+00
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-8.6580e+00	6.2531e+01	8.1470e+00
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-1.8073e+01	-6.7737e+01	1.1106e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	3.5251e+01	-1.4237e+01	5.3856e+00
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	1.2383e+01	2.6638e+01	1.0878e+00
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-8.5767e+00	6.6956e+01	5.9760e+00
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-1.3774e+01	-2.1206e+01	8.4452e+00
	1360	0.0000e+00	0.0000e+00	0.0000e+00	2.7485e+01	1.4237e+01	3.5570e+00
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	1.1650e+01	4.1170e+01	8.6671e-01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-9.9851e+00	6.3811e+01	4.1601e+00
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-1.2333e+01	1.4472e+01	5.7628e+00
	1359	0.0000e+00	0.0000e+00	0.0000e+00	2.0671e+01	3.3950e+01	2.4694e+00
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	1.2853e+01	4.6499e+01	1.7213e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-1.1162e+01	5.2942e+01	2.6235e+00
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-1.1831e+01	4.0174e+01	3.6652e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	1.5350e+01	4.4562e+01	2.7630e+00
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.6418e+01	4.2525e+01	2.6732e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-1.1365e+01	3.3843e+01	9.0456e-01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-1.0771e+01	5.6753e+01	2.0283e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	1.2240e+01	4.5852e+01	3.7969e+00
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	2.2058e+01	2.9308e+01	2.5755e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-1.1107e+01	5.9469e+00	-1.4781e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-8.7673e+00	6.4905e+01	3.7757e-01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.1505e+01	3.7881e+01	4.4311e+00
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	2.8903e+01	7.2411e+00	7.6804e-01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-1.2077e+01	-3.1444e+01	-4.6260e+00

	1365	0.0000e+00	0.0000e+00	0.0000e+00	-6.7069e+00	6.5275e+01	-1.7343e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.2603e+01	2.0881e+01	3.6598e+00
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	3.6247e+01	-2.3102e+01	-2.0437e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-1.6449e+01	-7.8989e+01	-7.8404e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-6.5409e+00	5.8136e+01	-4.3440e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.4594e+01	-4.6531e+00	1.4527e+00
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	6.5940e+01	-5.9066e+01	-8.3787e-01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-3.6092e+01	-1.3591e+02	-1.1244e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-9.9697e+00	4.3601e+01	-6.7422e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	1.8731e+01	-4.2134e+01	3.6643e+00
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	7.3275e+01	-2.7188e+01	3.8469e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	4.3937e+01	-3.1782e+01	1.0537e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	5.2326e+01	-4.0303e+01	7.1356e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	7.8442e+01	-3.8184e+01	4.4580e-01
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	5.9098e+01	2.0089e+00	8.4620e-01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	3.6655e+01	-1.0232e+00	9.4163e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	4.6219e+01	-6.7030e+00	1.3159e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	6.6899e+01	-1.7123e+01	4.5887e+00
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	4.7237e+01	2.6386e+01	-1.5401e+00
	1359	0.0000e+00	0.0000e+00	0.0000e+00	3.0024e+01	2.4184e+01	5.5318e+00
	1360	0.0000e+00	0.0000e+00	0.0000e+00	3.6102e+01	1.9244e+01	9.0899e+00
	1349	0.0000e+00	0.0000e+00	0.0000e+00	5.5489e+01	1.0019e+01	2.0180e+00
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	3.9696e+01	4.2308e+01	-1.1656e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	2.5221e+01	4.0605e+01	3.4042e+00
	1359	0.0000e+00	0.0000e+00	0.0000e+00	2.9016e+01	3.7451e+01	5.2109e+00
	1348	0.0000e+00	0.0000e+00	0.0000e+00	4.5161e+01	3.2181e+01	6.4115e-01
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	3.6875e+01	4.7852e+01	1.0334e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	2.3377e+01	4.7541e+01	2.5137e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	2.4551e+01	4.6812e+01	3.2161e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	3.8701e+01	4.5114e+01	1.7358e+00
1257	1345	0.0000e+00	0.0000e+00	0.0000e+00	3.8872e+01	4.2556e+01	3.3459e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	2.4925e+01	4.4839e+01	1.5746e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	2.3356e+01	4.6725e+01	2.3778e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	3.6851e+01	4.7422e+01	4.1492e+00
1258	1344	0.0000e+00	0.0000e+00	0.0000e+00	4.5475e+01	2.6671e+01	3.9892e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	2.9663e+01	3.2764e+01	-8.3616e-01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	2.5554e+01	3.7033e+01	1.3018e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	3.9806e+01	3.8905e+01	6.1272e+00
1259	1343	0.0000e+00	0.0000e+00	0.0000e+00	5.5850e+01	1.8181e+00	1.7332e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	3.6833e+01	1.2104e+01	-5.4750e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	3.0616e+01	1.8018e+01	-1.3198e+00
	1344	0.0000e+00	0.0000e+00	0.0000e+00	4.7461e+01	2.0101e+01	5.8884e+00
1260	1342	0.0000e+00	0.0000e+00	0.0000e+00	6.6908e+01	-2.7132e+01	-2.0316e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	4.6808e+01	-1.5732e+01	-1.0475e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	3.7243e+01	-9.3812e+00	-6.0232e+00
	1343	0.0000e+00	0.0000e+00	0.0000e+00	5.9364e+01	-6.7693e+00	2.4202e+00
1261	1341	0.0000e+00	0.0000e+00	0.0000e+00	7.7286e+01	-4.7397e+01	1.7423e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	5.2341e+01	-5.0759e+01	-4.2908e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	4.4012e+01	-4.1380e+01	-7.9525e+00
	1342	0.0000e+00	0.0000e+00	0.0000e+00	7.3389e+01	-3.7514e+01	-1.9193e+00
1262	1339	0.0000e+00	0.0000e+00	0.0000e+00	8.2736e+01	-2.8738e+01	-7.9586e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	7.7608e+01	-2.5605e+01	-1.0144e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	8.4698e+01	-3.6123e+01	1.6307e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	8.9717e+01	-3.8212e+01	-5.3135e+00
1263	1338	0.0000e+00	0.0000e+00	0.0000e+00	6.6920e+01	-6.1966e-01	-1.3691e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	6.4109e+01	1.2978e+00	-1.7039e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	7.5081e+01	-1.6318e+01	6.6293e-01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	8.0238e+01	-1.9073e+01	-1.1325e+01
1264	1337	0.0000e+00	0.0000e+00	0.0000e+00	5.2465e+01	2.7511e+01	-1.2986e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	5.1314e+01	2.6231e+01	-2.4392e+00
	1349	0.0000e+00	0.0000e+00	0.0000e+00	6.0397e+01	1.0945e+01	-2.6578e+00
	1338	0.0000e+00	0.0000e+00	0.0000e+00	6.4753e+01	1.0097e+01	-1.3205e+01
1265	1336	0.0000e+00	0.0000e+00	0.0000e+00	4.3302e+01	4.6472e+01	-7.3279e+00



	1347	0.0000e+00	0.0000e+00	0.0000e+00	4.2577e+01	4.3079e+01	-6.8820e-01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	4.8360e+01	3.3517e+01	-3.4239e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	5.0974e+01	3.5524e+01	-1.0064e+01
1266	1335	0.0000e+00	0.0000e+00	0.0000e+00	4.0022e+01	5.3339e+01	5.9078e-01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	3.9133e+01	4.9179e+01	2.7542e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	4.1039e+01	4.6661e+01	-1.2414e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	4.2500e+01	5.0388e+01	-3.4048e+00
1267	1334	0.0000e+00	0.0000e+00	0.0000e+00	4.2582e+01	4.7600e+01	8.6307e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	4.1189e+01	4.3955e+01	6.2766e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	3.9104e+01	4.8798e+01	2.3763e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	3.9897e+01	5.2852e+01	4.7305e+00
1268	1333	0.0000e+00	0.0000e+00	0.0000e+00	5.1138e+01	2.9380e+01	1.4884e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	4.8651e+01	2.7769e+01	7.9946e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	4.2695e+01	3.9588e+01	5.6041e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	4.3133e+01	4.2696e+01	1.2494e+01
1269	1332	0.0000e+00	0.0000e+00	0.0000e+00	6.5117e+01	7.0142e-01	1.7089e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	6.0809e+01	2.4121e+00	6.2698e+00
	1344	0.0000e+00	0.0000e+00	0.0000e+00	5.1625e+01	1.9677e+01	6.7775e+00
	1333	0.0000e+00	0.0000e+00	0.0000e+00	5.2378e+01	2.0385e+01	1.7597e+01
1270	1331	0.0000e+00	0.0000e+00	0.0000e+00	8.0508e+01	-3.0727e+01	1.3533e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	7.5387e+01	-2.6720e+01	1.5311e+00
	1343	0.0000e+00	0.0000e+00	0.0000e+00	6.4538e+01	-7.9068e+00	5.0320e+00
	1332	0.0000e+00	0.0000e+00	0.0000e+00	6.7038e+01	-1.0811e+01	1.7034e+01
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	8.8897e+01	-4.9345e+01	5.0767e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	8.3530e+01	-4.5641e+01	-8.3606e-01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	7.7726e+01	-3.6146e+01	3.2231e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	8.2720e+01	-4.0455e+01	9.1358e+00
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	6.7571e+01	-3.9365e+01	-2.0344e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	8.3410e+01	-3.1726e+01	-1.2900e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	9.0055e+01	-4.1239e+01	-3.3075e+00
	1329	0.0000e+00	0.0000e+00	0.0000e+00	7.6011e+01	-5.2536e+01	-1.0752e+01
1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	5.0776e+01	-9.3089e-01	-3.0195e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	6.6805e+01	-2.0083e+00	-1.6403e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	7.8118e+01	-2.0563e+01	-1.4072e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	6.7411e+01	-2.6242e+01	-2.7864e+01
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	3.7389e+01	3.4281e+01	-2.5000e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	5.0750e+01	2.8206e+01	-1.3570e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	6.1323e+01	1.0348e+01	-1.8043e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	4.9977e+01	1.3102e+01	-2.9473e+01
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	2.9918e+01	5.6407e+01	-1.3180e+01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	4.0576e+01	4.8424e+01	-6.5995e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	4.7310e+01	3.6947e+01	-1.4347e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	3.6519e+01	4.4257e+01	-2.0928e+01
1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	2.7342e+01	6.4228e+01	2.1291e-01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	3.6827e+01	5.5603e+01	2.3034e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	3.9056e+01	5.2481e+01	-6.4250e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	2.9349e+01	6.1086e+01	-8.5156e+00
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	2.9094e+01	5.8183e+01	1.3575e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	3.9031e+01	4.9569e+01	1.1499e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	3.6732e+01	5.5164e+01	2.8005e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	2.7185e+01	6.3721e+01	4.8771e+00
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	3.6116e+01	3.7669e+01	2.5838e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	4.7310e+01	3.0594e+01	1.9099e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	4.0415e+01	4.4577e+01	1.1536e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	2.9355e+01	5.2431e+01	1.8275e+01
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	4.9905e+01	2.4650e+00	3.3705e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	6.1558e+01	6.0764e-01	2.1856e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	5.0774e+01	2.0789e+01	1.8026e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	3.6681e+01	2.6493e+01	2.9874e+01
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	6.7842e+01	-4.0485e+01	3.0102e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	7.8538e+01	-3.2758e+01	1.5913e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	6.7256e+01	-1.2815e+01	1.9786e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	5.0372e+01	-1.2734e+01	3.3976e+01

1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	7.6516e+01	-6.7457e+01	9.0887e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	8.9298e+01	-5.3114e+01	2.0963e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	8.4007e+01	-4.4318e+01	1.4338e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	6.7638e+01	-5.4141e+01	2.1330e+01
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	2.2518e+01	-6.1053e+01	-3.5955e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	6.5400e+01	-4.7709e+01	-2.6422e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	7.2163e+01	-6.1648e+01	-7.0339e+00
	1318	0.0000e+00	0.0000e+00	0.0000e+00	3.5074e+01	-8.6576e+01	-1.6567e+01
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	8.3207e+00	4.0477e+00	-4.6738e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	4.4215e+01	-2.3519e+00	-3.1621e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	5.5644e+01	-3.0407e+01	-3.1575e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	2.7522e+01	-3.6898e+01	-4.6691e+01
1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	4.0917e+00	4.7405e+01	-3.2337e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	2.8762e+01	3.7204e+01	-2.4383e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	3.8360e+01	1.2283e+01	-3.4614e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	1.0611e+01	2.2278e+01	-4.2568e+01
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	3.9586e+00	7.0907e+01	-1.5391e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	2.1670e+01	6.0231e+01	-1.2189e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	2.6872e+01	4.5466e+01	-2.4269e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	5.2428e+00	5.8635e+01	-2.7470e+01
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	4.0955e+00	7.8644e+01	3.5375e-01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.9603e+01	6.7519e+01	1.3020e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	2.1268e+01	6.3568e+01	-1.0465e+01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	4.3521e+00	7.5673e+01	-1.1414e+01
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	3.4828e+00	7.2859e+01	1.5803e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	2.0860e+01	6.0516e+01	1.5274e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.9402e+01	6.7139e+01	3.4348e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	3.8700e+00	7.8167e+01	3.9632e+00
1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	3.5378e+00	5.2081e+01	3.2111e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	2.6104e+01	3.8663e+01	2.9110e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	2.0918e+01	5.6333e+01	1.6892e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	2.6408e+00	6.7033e+01	1.9893e+01
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	8.8001e+00	1.0969e+01	4.7261e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	3.7782e+01	1.2645e+00	3.8989e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	2.7881e+01	2.9290e+01	2.8915e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.9396e+00	3.9473e+01	3.7187e+01
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	2.6967e+01	-5.4163e+01	5.0021e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	5.5908e+01	-4.5333e+01	3.3828e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	4.4031e+01	-1.4888e+01	3.5320e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	6.0326e+00	-9.0036e+00	5.1513e+01
1291	1308	0.0000e+00	0.0000e+00	0.0000e+00	3.6149e+01	-1.0708e+02	1.4857e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	7.2275e+01	-7.7807e+01	4.7362e+00
	1320	0.0000e+00	0.0000e+00	0.0000e+00	6.6472e+01	-6.3872e+01	2.7829e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	2.1444e+01	-8.0182e+01	3.7950e+01
1292	1306	0.0000e+00	0.0000e+00	0.0000e+00	-7.4213e+01	-9.5788e+01	-5.5184e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	1.8200e+01	-7.6265e+01	-4.2690e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	2.5452e+01	-1.0539e+02	-1.0516e+01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-5.6150e+01	-1.4938e+02	-2.3009e+01
1293	1305	0.0000e+00	0.0000e+00	0.0000e+00	-5.7226e+01	1.6252e+01	-4.7588e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-7.5127e+00	8.0284e+00	-4.2431e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.8069e+00	-4.4200e+01	-5.4765e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-5.2483e+01	-2.8077e+01	-5.9921e+01
1294	1304	0.0000e+00	0.0000e+00	0.0000e+00	-3.6940e+01	6.4760e+01	-2.4367e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-1.0892e+01	5.4123e+01	-2.8972e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-7.6671e+00	2.0108e+01	-4.4766e+01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-4.9497e+01	4.0648e+01	-4.0161e+01
1295	1303	0.0000e+00	0.0000e+00	0.0000e+00	-2.4121e+01	8.5543e+01	-9.9587e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-7.2725e+00	7.6266e+01	-1.4124e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-7.6293e+00	5.9182e+01	-2.6479e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	-3.2203e+01	7.4293e+01	-2.2314e+01
1296	1302	0.0000e+00	0.0000e+00	0.0000e+00	-1.9704e+01	9.1610e+01	1.1563e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-5.2390e+00	8.2236e+01	-4.9013e-02
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-5.3578e+00	7.7913e+01	-1.0402e+01

	1303	0.0000e+00	0.0000e+00	0.0000e+00	-2.2027e+01	8.8976e+01	-9.1971e+00
1297	1301	0.0000e+00	0.0000e+00	0.0000e+00	-2.3627e+01	8.6362e+01	1.2107e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-6.4226e+00	7.4943e+01	1.4301e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-5.5745e+00	8.1949e+01	3.8122e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-2.0027e+01	9.1236e+01	1.6174e+00
1298	1300	0.0000e+00	0.0000e+00	0.0000e+00	-3.5763e+01	6.8215e+01	2.5709e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	-9.9173e+00	5.2419e+01	3.0789e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-8.9985e+00	7.2658e+01	1.8021e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-2.6388e+01	8.2067e+01	1.2941e+01
1299	1299	0.0000e+00	0.0000e+00	0.0000e+00	-5.4927e+01	2.9896e+01	4.4403e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-1.0548e+01	8.3819e+00	4.9588e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	-1.3745e+01	4.6477e+01	3.3153e+01
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-4.1223e+01	5.7407e+01	2.7967e+01
1300	1298	0.0000e+00	0.0000e+00	0.0000e+00	-5.8094e+01	-4.5994e+01	6.4921e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-3.9009e+00	-6.2336e+01	5.9063e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-1.0413e+01	-5.1823e+00	4.6587e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-6.3453e+01	3.1030e+00	5.2446e+01
1301	1297	0.0000e+00	0.0000e+00	0.0000e+00	-5.7648e+01	-1.7896e+02	2.3460e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	2.5211e+01	-1.2781e+02	8.2948e+00
	1309	0.0000e+00	0.0000e+00	0.0000e+00	1.8254e+01	-9.7485e+01	4.5322e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-8.1421e+01	-1.1942e+02	6.0488e+01
1302	557	0.0000e+00	0.0000e+00	0.0000e+00	-2.0245e+02	1.7689e+01	5.6006e+00
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-1.3688e+02	-9.7387e+01	-3.0971e+01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.4627e+01	-1.9540e+02	-2.4294e+01
	19	0.0000e+00	0.0000e+00	0.0000e+00	-3.9881e+02	-3.2366e+02	1.2278e+01
1303	556	0.0000e+00	0.0000e+00	0.0000e+00	-1.1007e+02	4.1219e+01	3.5918e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-8.7591e+01	3.6923e+01	-3.5952e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-1.2117e+02	-4.7146e+01	-4.7172e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	-1.5663e+02	-2.9293e+01	-7.6283e+00
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	-6.2587e+01	7.7143e+01	3.3665e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	-5.1966e+01	7.3282e+01	-1.9383e+01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-6.9823e+01	3.6509e+01	-2.6630e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	-9.0826e+01	4.6955e+01	-3.8809e+00
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	-3.9442e+01	9.2584e+01	2.6088e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	-3.2706e+01	8.9842e+01	-8.9153e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	-4.2472e+01	7.3848e+01	-1.3252e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	-5.3028e+01	7.9668e+01	-1.7281e+00
1306	553	0.0000e+00	0.0000e+00	0.0000e+00	-3.1901e+01	9.6547e+01	2.0131e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-2.6082e+01	9.3848e+01	-1.0933e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	-2.8721e+01	9.0043e+01	-4.2404e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-3.5558e+01	9.3557e+01	-1.1340e+00
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	-3.7502e+01	9.1015e+01	1.8286e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-3.0468e+01	8.7331e+01	6.3487e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-2.6506e+01	9.3621e+01	3.1300e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	-3.2305e+01	9.6291e+01	-1.3902e+00
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	-5.7641e+01	7.3822e+01	2.5960e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-4.6570e+01	6.7622e+01	1.5718e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-3.5361e+01	8.6654e+01	1.1144e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-4.2261e+01	8.9484e+01	-1.9784e+00
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	-9.8994e+01	3.6504e+01	5.0597e+00
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-7.6690e+01	2.5318e+01	2.9835e+01
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-5.7172e+01	6.6534e+01	2.2106e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-6.8309e+01	7.0605e+01	-2.6696e+00
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.7006e+02	-4.7633e+01	9.2274e+00
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-1.3163e+02	-6.6722e+01	5.1578e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-9.5960e+01	2.5237e+01	3.9579e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.1991e+02	2.9835e+01	-2.7717e+00
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	-4.2681e+02	-3.6540e+02	-1.1503e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-1.8926e+01	-2.2967e+02	2.6968e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-1.4862e+02	-1.2038e+02	3.4043e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-2.1916e+02	1.3837e+00	-4.4284e+00
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	1.8732e+01	-4.2134e+01	-3.6606e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-9.9664e+00	4.3602e+01	6.7458e+00

	27	0.0000e+00	0.0000e+00	0.0000e+00	-3.6091e+01	-1.3592e+02	1.1253e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	6.5944e+01	-5.9077e+01	8.4613e-01
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.4596e+01	-4.6512e+00	-1.4497e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	-6.5389e+00	5.8141e+01	4.3475e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-1.6447e+01	-7.8992e+01	7.8443e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	3.6251e+01	-2.3102e+01	2.0472e+00
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.2606e+01	2.0885e+01	-3.6568e+00
	1294	0.0000e+00	0.0000e+00	0.0000e+00	-6.7049e+00	6.5281e+01	1.7373e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	-1.2076e+01	-3.1444e+01	4.6292e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	2.8907e+01	7.2437e+00	-7.6486e-01
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.1509e+01	3.7885e+01	-4.4282e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	-8.7643e+00	6.4911e+01	-3.7519e-01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	-1.1104e+01	5.9491e+00	1.4808e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	2.2062e+01	2.9312e+01	-2.5723e+00
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.2245e+01	4.5856e+01	-3.7946e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-1.0766e+01	5.6758e+01	-2.0269e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	-1.1362e+01	3.3846e+01	-9.0253e-01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.6423e+01	4.2529e+01	-2.6702e+00
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.5357e+01	4.4565e+01	-2.7618e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-1.1824e+01	4.0180e+01	-3.6652e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-1.1157e+01	5.2947e+01	-2.6225e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.2859e+01	4.6503e+01	-1.7191e+00
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	2.0680e+01	3.3954e+01	-2.4698e+00
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-1.2325e+01	1.4477e+01	-5.7646e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-9.9782e+00	6.3816e+01	-4.1606e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.1657e+01	4.1173e+01	-8.6578e-01
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	2.7497e+01	1.4241e+01	-3.5590e+00
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-1.3763e+01	-2.1201e+01	-8.4492e+00
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-8.5677e+00	6.6960e+01	-5.9786e+00
	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.2392e+01	2.6641e+01	-1.0883e+00
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	3.5269e+01	-1.4231e+01	-5.3877e+00
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-1.8058e+01	-6.7732e+01	-1.1112e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-8.6463e+00	6.2535e+01	-8.1522e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.4259e+01	3.1925e+00	-2.4283e+00
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	6.4154e+01	-4.8789e+01	-3.1884e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	-3.5905e+01	-1.2488e+02	-1.3752e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-1.1693e+01	5.0689e+01	-1.0102e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.8537e+01	-3.2604e+01	4.6153e-01
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	7.3394e+01	-3.7517e+01	1.9223e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	4.4015e+01	-4.1382e+01	7.9580e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	5.2347e+01	-5.0770e+01	4.2957e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	7.7293e+01	-4.7405e+01	-1.7399e+00
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	5.9367e+01	-6.7672e+00	-2.4169e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	3.7246e+01	-9.3795e+00	6.0270e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	4.6811e+01	-1.5732e+01	1.0479e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	6.6913e+01	-2.7134e+01	2.0353e+00
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	4.7464e+01	2.0105e+01	-5.8847e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	3.0620e+01	1.8021e+01	1.3234e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	3.6836e+01	1.2107e+01	5.4786e+00
	1274	0.0000e+00	0.0000e+00	0.0000e+00	5.5854e+01	1.8206e+00	-1.7295e+00
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	3.9810e+01	3.8909e+01	-6.1232e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	2.5559e+01	3.7036e+01	-1.2982e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	2.9667e+01	3.2768e+01	8.3971e-01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	4.5479e+01	2.6675e+01	-3.9853e+00
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	3.6857e+01	4.7425e+01	-4.1455e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	2.3362e+01	4.6728e+01	-2.3749e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	2.4930e+01	4.4843e+01	-1.5713e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	3.8877e+01	4.2559e+01	-3.3419e+00
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	3.8708e+01	4.5117e+01	-1.7328e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.4558e+01	4.6815e+01	-3.2141e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	2.3383e+01	4.7544e+01	-2.5112e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	3.6881e+01	4.7855e+01	-1.0298e+00
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	4.5169e+01	3.2184e+01	-6.3914e-01

	1280	0.0000e+00	0.0000e+00	0.0000e+00	2.9025e+01	3.7454e+01	-5.2103e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.5229e+01	4.0608e+01	-3.4029e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	3.9702e+01	4.2310e+01	1.1683e+00
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	5.5499e+01	1.0022e+01	-2.0168e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	3.6114e+01	1.9247e+01	-9.0904e+00
	1280	0.0000e+00	0.0000e+00	0.0000e+00	3.0034e+01	2.4187e+01	-5.5318e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	4.7246e+01	2.6387e+01	1.5418e+00
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	6.6910e+01	-1.7116e+01	-4.5870e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	4.6235e+01	-6.6981e+00	-1.3158e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	3.6668e+01	-1.0199e+00	-9.4168e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	5.9109e+01	2.0117e+00	-8.4551e-01
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	7.8449e+01	-3.8168e+01	-4.4771e-01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	5.2340e+01	-4.0283e+01	-7.1348e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	4.3954e+01	-3.1773e+01	-1.0534e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	7.3285e+01	-2.7177e+01	-3.8471e+00
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	8.2726e+01	-4.0457e+01	-9.1354e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	7.7732e+01	-3.6149e+01	-3.2200e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	8.3539e+01	-4.5648e+01	8.3795e-01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	8.8905e+01	-4.9351e+01	-5.0774e+00
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	6.7042e+01	-1.0808e+01	-1.7032e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	6.4542e+01	-7.9049e+00	-5.0284e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	7.5393e+01	-2.6720e+01	-1.5283e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	8.0514e+01	-3.0727e+01	-1.3532e+01
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	5.2381e+01	2.0390e+01	-1.7593e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	5.1628e+01	1.9681e+01	-6.7735e+00
	1274	0.0000e+00	0.0000e+00	0.0000e+00	6.0813e+01	2.4149e+00	-6.2665e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	6.5121e+01	7.0487e-01	-1.7086e+01
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	4.3136e+01	4.2700e+01	-1.2490e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	4.2699e+01	3.9592e+01	-5.5999e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	4.8655e+01	2.7772e+01	-7.9907e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	5.1141e+01	2.9384e+01	-1.4880e+01
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	3.9900e+01	5.2855e+01	-4.7260e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	3.9108e+01	4.8801e+01	-2.3723e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	4.1193e+01	4.3958e+01	-6.2725e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	4.2585e+01	4.7603e+01	-8.6262e+00
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	4.2504e+01	5.0390e+01	3.4089e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	4.1045e+01	4.6663e+01	1.2449e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	3.9138e+01	4.9182e+01	-2.7504e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	4.0026e+01	5.3342e+01	-5.8639e-01
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.0979e+01	3.5526e+01	1.0067e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	4.8367e+01	3.3519e+01	3.4265e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	4.2583e+01	4.3081e+01	6.9124e-01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	4.3306e+01	4.6474e+01	7.3318e+00
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	6.4758e+01	1.0099e+01	1.3207e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	6.0406e+01	1.0947e+01	2.6594e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	5.1321e+01	2.6233e+01	2.4415e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.2470e+01	2.7511e+01	1.2989e+01
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	8.0242e+01	-1.9068e+01	1.1324e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	7.5089e+01	-1.6312e+01	-6.6229e-01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	6.4118e+01	1.3008e+00	1.7056e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	6.6925e+01	-6.1742e-01	1.3692e+01
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	8.9718e+01	-3.8201e+01	5.3087e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	8.4704e+01	-3.6109e+01	-1.6332e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	7.7617e+01	-2.5596e+01	1.0146e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	8.2739e+01	-2.8731e+01	7.9566e+00
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	6.7643e+01	-5.4140e+01	-2.1333e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	8.4013e+01	-4.4320e+01	-1.4338e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	8.9307e+01	-5.3120e+01	-2.0978e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	7.6525e+01	-6.7461e+01	-9.0934e+00
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	5.0375e+01	-1.2729e+01	-3.3975e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	6.7260e+01	-1.2811e+01	-1.9784e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	7.8543e+01	-3.2758e+01	-1.5912e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	6.7847e+01	-4.0482e+01	-3.0103e+01

1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	3.6683e+01	2.6499e+01	-2.9871e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	5.0777e+01	2.0794e+01	-1.8022e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	6.1562e+01	6.1156e-01	-2.1854e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	4.9908e+01	2.4707e+00	-3.3703e+01
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	2.9357e+01	5.2435e+01	-1.8271e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	4.0418e+01	4.4581e+01	-1.1532e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	4.7312e+01	3.0598e+01	-1.9095e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	3.6118e+01	3.7674e+01	-2.5834e+01
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.7186e+01	6.3724e+01	-4.8726e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	3.6735e+01	5.5167e+01	-2.7960e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	3.9034e+01	4.9573e+01	-1.1494e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	2.9095e+01	5.8187e+01	-1.3571e+01
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.9349e+01	6.1088e+01	8.5199e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	3.9059e+01	5.2482e+01	6.4294e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	3.6830e+01	5.5606e+01	-2.2991e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.7343e+01	6.4231e+01	-2.0854e-01
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	3.6519e+01	4.4257e+01	2.0932e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	4.7314e+01	3.6948e+01	1.4351e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	4.0579e+01	4.8425e+01	6.6035e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.9919e+01	5.6408e+01	1.3185e+01
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	4.9978e+01	1.3101e+01	2.9475e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	6.1327e+01	1.0349e+01	1.8045e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.0754e+01	2.8207e+01	1.3573e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	3.7389e+01	3.4281e+01	2.5004e+01
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	6.7411e+01	-2.6241e+01	2.7863e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	7.8122e+01	-2.0559e+01	1.4071e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	6.6809e+01	-2.0071e+00	1.6404e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	5.0776e+01	-9.3154e-01	3.0196e+01
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	7.6008e+01	-5.2530e+01	1.0744e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	9.0056e+01	-4.1230e+01	3.3021e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	8.3413e+01	-3.1721e+01	1.2898e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	6.7571e+01	-3.9363e+01	2.0340e+01
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	2.1446e+01	-8.0176e+01	-3.7957e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	6.6477e+01	-6.3870e+01	-2.7832e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	7.2282e+01	-7.7810e+01	-4.7424e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	3.6158e+01	-1.0708e+02	-1.4867e+01
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	6.0354e+00	-8.9946e+00	-5.1512e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	4.4033e+01	-1.4881e+01	-3.5319e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	5.5911e+01	-4.5329e+01	-3.3831e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	2.6970e+01	-5.4154e+01	-5.0024e+01
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.9426e+00	3.9480e+01	-3.7183e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	2.7883e+01	2.9297e+01	-2.8911e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	3.7784e+01	1.2708e+00	-3.8987e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	8.8022e+00	1.0978e+01	-4.7259e+01
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	2.6425e+00	6.7038e+01	-1.9890e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	2.0920e+01	5.6338e+01	-1.6888e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	2.6106e+01	3.8669e+01	-2.9106e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	3.5401e+00	5.2087e+01	-3.2108e+01
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	3.8696e+00	7.8170e+01	-3.9601e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.9402e+01	6.7141e+01	-3.4306e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	2.0861e+01	6.0520e+01	-1.5270e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	3.4838e+00	7.2863e+01	-1.5800e+01
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	4.3494e+00	7.5674e+01	1.1417e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.1268e+01	6.3569e+01	1.0469e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.9603e+01	6.7522e+01	-1.2980e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	4.0944e+00	7.8646e+01	-3.5078e-01
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	5.2383e+00	5.8635e+01	2.7473e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	2.6871e+01	4.5465e+01	2.4273e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.1669e+01	6.0232e+01	1.2193e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	3.9552e+00	7.0908e+01	1.5394e+01
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	1.0607e+01	2.2274e+01	4.2571e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	3.8359e+01	1.2281e+01	3.4616e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	2.8761e+01	3.7203e+01	2.4386e+01

	1236	0.0000e+00	0.0000e+00	0.0000e+00	4.0865e+00	4.7404e+01	3.2341e+01
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	2.7518e+01	-3.6905e+01	4.6689e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	5.5643e+01	-3.0408e+01	3.1573e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	4.4215e+01	-2.3543e+00	3.1623e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	8.3153e+00	4.0438e+00	4.6739e+01
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	3.5066e+01	-8.6575e+01	1.6556e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	7.2161e+01	-6.1644e+01	7.0253e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	6.5400e+01	-4.7710e+01	2.6418e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	2.2514e+01	-6.1059e+01	3.5949e+01
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-8.1420e+01	-1.1940e+02	-6.0499e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	1.8253e+01	-9.7475e+01	-4.5327e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	2.5216e+01	-1.2781e+02	-8.3080e+00
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-5.7639e+01	-1.7897e+02	-2.3480e+01
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	-6.3444e+01	3.1162e+00	-5.2441e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.0412e+01	-5.1704e+00	-4.6587e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-3.8993e+00	-6.2326e+01	-5.9067e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-5.8094e+01	-4.5976e+01	-6.4922e+01
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	-4.1216e+01	5.7414e+01	-2.7965e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	-1.3742e+01	4.6484e+01	-3.3150e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.0545e+01	8.3915e+00	-4.9585e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-5.4920e+01	2.9905e+01	-4.4400e+01
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	-2.6384e+01	8.2071e+01	-1.2940e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	-8.9965e+00	7.2662e+01	-1.8019e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	-9.9141e+00	5.2425e+01	-3.0786e+01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	-3.5758e+01	6.8220e+01	-2.5708e+01
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	-2.0028e+01	9.1238e+01	-1.6176e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	-5.5751e+00	8.1952e+01	-3.8100e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	-6.4215e+00	7.4947e+01	-1.4299e+01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	-2.3624e+01	8.6365e+01	-1.2106e+01
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	-2.2033e+01	8.8978e+01	9.1968e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	-5.3614e+00	7.7914e+01	1.0405e+01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	-5.2407e+00	8.2238e+01	5.1166e-02
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-1.9706e+01	9.1613e+01	-1.1567e+00
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	-3.2214e+01	7.4294e+01	2.2314e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	-7.6355e+00	5.9181e+01	2.6482e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	-7.2772e+00	7.6267e+01	1.4126e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-2.4128e+01	8.5545e+01	9.9585e+00
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	-4.9511e+01	4.0646e+01	4.0163e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-7.6740e+00	2.0104e+01	4.4770e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	-1.0899e+01	5.4122e+01	2.8974e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-3.6951e+01	6.4760e+01	2.4368e+01
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	-5.2492e+01	-2.8088e+01	5.9924e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-1.8130e+00	-4.4209e+01	5.4764e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-7.5182e+00	8.0227e+00	4.2433e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-5.7242e+01	1.6245e+01	4.7592e+01
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	-5.6166e+01	-1.4939e+02	2.2991e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	2.5447e+01	-1.0540e+02	1.0502e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	1.8200e+01	-7.6276e+01	4.2688e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-7.4227e+01	-9.5820e+01	5.5177e+01
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	-2.1912e+02	1.3916e+00	4.4448e+00
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.4862e+02	-1.2034e+02	-3.4048e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-1.8941e+01	-2.2966e+02	-2.7013e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	-4.2680e+02	-3.6528e+02	1.1480e+01
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	-1.1989e+02	2.9844e+01	2.7714e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-9.5946e+01	2.5248e+01	-3.9577e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.3162e+02	-6.6699e+01	-5.1573e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	-1.7003e+02	-4.7614e+01	-9.2245e+00
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	-6.8295e+01	7.0609e+01	2.6662e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	-5.7162e+01	6.6539e+01	-2.2105e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-7.6678e+01	2.5328e+01	-2.9832e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	-9.8974e+01	3.6511e+01	-5.0606e+00
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	-4.2254e+01	8.9486e+01	1.9732e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	-3.5356e+01	8.6657e+01	-1.1145e+01

	1229	0.0000e+00	0.0000e+00	0.0000e+00	-4.6562e+01	6.7627e+01	-1.5718e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	-5.7629e+01	7.3825e+01	-2.5997e+00
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	-3.2305e+01	9.6293e+01	1.3843e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-2.6506e+01	9.3623e+01	-3.1318e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	-3.0465e+01	8.7335e+01	-6.3499e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	-3.7498e+01	9.1018e+01	-1.8338e+00
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	-3.5564e+01	9.3559e+01	1.1282e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-2.8727e+01	9.0044e+01	4.2386e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-2.6085e+01	9.3851e+01	1.0915e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	-3.1903e+01	9.6549e+01	-2.0190e+00
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	-5.3040e+01	7.9669e+01	1.7230e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-4.2484e+01	7.3849e+01	1.3251e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-3.2714e+01	8.9844e+01	8.9137e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	-3.9450e+01	9.2586e+01	-2.6145e+00
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	-9.0847e+01	4.6952e+01	3.8767e+00
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-6.9841e+01	3.6505e+01	2.6630e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-5.1979e+01	7.3284e+01	1.9382e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-6.2602e+01	7.7145e+01	-3.3717e+00
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	-1.5666e+02	-2.9310e+01	7.6240e+00
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-1.2120e+02	-4.7163e+01	4.7175e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-8.7613e+01	3.6921e+01	3.5954e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.1010e+02	4.1217e+01	-3.5966e+00
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-3.9890e+02	-3.2380e+02	-1.2315e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-1.4605e+01	-1.9542e+02	2.4255e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-1.3691e+02	-9.7430e+01	3.0965e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-2.0249e+02	1.7704e+01	-5.6057e+00
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	1.7854e+01	-3.3384e+01	7.3784e-01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-1.2936e+01	4.8703e+01	1.1429e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	-3.6690e+01	-1.2469e+02	1.4821e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	6.3271e+01	-4.9303e+01	4.1297e+00
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.3441e+01	1.9198e+00	4.0783e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	-1.0124e+01	5.9854e+01	9.8236e+00
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-1.9282e+01	-6.7865e+01	1.2498e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	3.4240e+01	-1.5209e+01	6.7525e+00
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.1576e+01	2.4753e+01	3.2845e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	-1.0093e+01	6.3418e+01	8.0611e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	-1.5147e+01	-2.1736e+01	1.0203e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	2.6309e+01	1.2701e+01	5.4265e+00
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.1013e+01	3.8502e+01	3.6575e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-1.1294e+01	5.9298e+01	6.6667e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	-1.3659e+01	1.3383e+01	7.9245e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.9476e+01	3.1696e+01	4.9153e+00
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.2591e+01	4.2881e+01	5.0908e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-1.1921e+01	4.7411e+01	5.4978e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-1.2832e+01	3.8319e+01	6.2231e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.4327e+01	4.1417e+01	5.8161e+00
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.6757e+01	3.7819e+01	6.4990e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-1.1156e+01	2.7376e+01	4.0010e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-1.1090e+01	5.3885e+01	4.9057e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.1629e+01	4.1656e+01	7.4037e+00
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	2.3205e+01	2.3466e+01	6.5863e+00
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-9.4657e+00	-1.1786e+00	1.5824e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-7.9871e+00	6.0768e+01	3.4050e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.1587e+01	3.2526e+01	8.4088e+00
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	3.0989e+01	3.9794e-01	4.5275e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-8.5532e+00	-3.8677e+01	-1.9728e+00
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-4.3976e+00	5.9641e+01	1.1597e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.3661e+01	1.4382e+01	7.6601e+00
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	3.9363e+01	-3.0399e+01	9.6226e-01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-1.0649e+01	-8.5399e+01	-6.0203e+00
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-2.3231e+00	5.0865e+01	-1.9896e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.6888e+01	-1.2091e+01	4.9929e+00
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	6.8145e+01	-6.4954e+01	1.3539e+00



	24	0.0000e+00	0.0000e+00	0.0000e+00	-2.5524e+01	-1.3989e+02	-1.0272e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-3.5313e+00	3.4513e+01	-5.6152e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	2.2594e+01	-4.9616e+01	6.0106e+00
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	7.2737e+01	-2.7582e+01	4.7446e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	4.3219e+01	-3.2337e+01	1.1523e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	5.1655e+01	-4.0769e+01	7.8968e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	7.8035e+01	-3.8367e+01	1.1189e+00
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	5.8462e+01	1.2199e+00	2.2307e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	3.5792e+01	-2.0473e+00	1.0870e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	4.5385e+01	-7.5982e+00	1.4280e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	6.6374e+01	-1.7597e+01	5.6410e+00
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	4.6526e+01	2.5054e+01	4.5566e-01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	2.9108e+01	2.2552e+01	7.5459e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	3.5144e+01	1.7829e+01	1.0697e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	5.4858e+01	9.1056e+00	3.6071e+00
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	3.8970e+01	4.0225e+01	1.5366e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	2.4382e+01	3.8175e+01	6.0465e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	2.8032e+01	3.5352e+01	7.3890e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	4.4459e+01	3.0651e+01	2.8791e+00
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.6222e+01	4.4766e+01	4.4749e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	2.2782e+01	4.4101e+01	5.7935e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	2.3691e+01	4.3844e+01	6.0151e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	3.7985e+01	4.2741e+01	4.6966e+00
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.8393e+01	3.8194e+01	7.4440e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	2.4765e+01	4.0191e+01	5.3944e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	2.2808e+01	4.2703e+01	5.7778e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.6196e+01	4.3943e+01	7.8275e+00
1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	4.5257e+01	2.0798e+01	8.4771e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.0121e+01	2.6777e+01	3.2707e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	2.5531e+01	3.1815e+01	5.1672e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.9297e+01	3.4050e+01	1.0374e+01
1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	5.5856e+01	-5.6190e+00	6.1031e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	3.8021e+01	4.8169e+00	-1.5067e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.1301e+01	1.1587e+01	2.7205e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	4.7155e+01	1.3679e+01	1.0330e+01
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	6.6837e+01	-3.5763e+01	1.4504e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	4.8506e+01	-2.3926e+01	-7.1726e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	3.8700e+01	-1.6755e+01	-2.2198e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	5.9171e+01	-1.4695e+01	6.4033e+00
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	7.6431e+01	-5.6730e+01	2.7192e+00
	1143	0.0000e+00	0.0000e+00	0.0000e+00	5.3419e+01	-5.8232e+01	-2.7543e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	4.6057e+01	-4.8787e+01	-4.8227e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	7.2702e+01	-4.6206e+01	6.5085e-01
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	8.2382e+01	-2.8715e+01	-7.1604e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	7.7125e+01	-2.5870e+01	-1.4214e-01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	8.4261e+01	-3.6204e+01	2.2580e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	8.9467e+01	-3.8096e+01	-4.7602e+00
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	6.6446e+01	-8.4097e-01	-1.2404e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	6.3502e+01	6.7351e-01	-3.4492e-01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	7.4516e+01	-1.6634e+01	1.6721e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	7.9867e+01	-1.9101e+01	-1.0387e+01
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	5.1848e+01	2.6860e+01	-1.1071e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	5.0595e+01	2.5079e+01	-4.5836e-01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	5.9705e+01	1.0243e+01	-1.1224e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	6.4243e+01	9.7726e+00	-1.1735e+01
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	4.2526e+01	4.5142e+01	-4.6735e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	4.1781e+01	4.1170e+01	2.0125e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	4.7560e+01	3.2244e+01	-1.2433e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	5.0295e+01	3.4699e+01	-7.9292e+00
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	3.9091e+01	5.0990e+01	4.0381e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.8316e+01	4.6231e+01	6.2090e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	4.0176e+01	4.4571e+01	1.6633e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	4.1629e+01	4.8786e+01	-5.0747e-01

1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	4.1532e+01	4.3795e+01	1.2804e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	4.0429e+01	3.9648e+01	1.0396e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.8253e+01	4.5588e+01	6.0067e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	3.8829e+01	5.0106e+01	8.4148e+00
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	5.0040e+01	2.3620e+01	1.9497e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	4.8024e+01	2.1806e+01	1.2481e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	4.1959e+01	3.4922e+01	9.8232e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	4.1889e+01	3.8354e+01	1.6839e+01
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	6.4010e+01	-7.4443e+00	2.1489e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	6.0311e+01	-5.3365e+00	1.0522e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	5.1097e+01	1.3268e+01	1.1233e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	5.1003e+01	1.3972e+01	2.2200e+01
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	7.9303e+01	-4.1328e+01	1.6569e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	7.4702e+01	-3.5957e+01	4.5865e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	6.4191e+01	-1.6099e+01	9.0853e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	6.5534e+01	-1.9609e+01	2.1068e+01
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	8.6649e+01	-6.1689e+01	5.3228e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	8.2639e+01	-5.5890e+01	-1.8204e-01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	7.7143e+01	-4.5690e+01	5.7124e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	8.0991e+01	-5.1528e+01	1.1217e+01
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	6.7305e+01	-3.8951e+01	-1.9678e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	8.3074e+01	-3.1580e+01	-1.2149e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	8.9770e+01	-4.1025e+01	-2.7903e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	7.5866e+01	-5.2128e+01	-1.0320e+01
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	5.0348e+01	-6.2236e-01	-2.9079e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	6.6317e+01	-2.0731e+00	-1.5180e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	7.7702e+01	-2.0441e+01	-1.3183e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	6.7127e+01	-2.5835e+01	-2.7082e+01
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	3.6732e+01	3.4282e+01	-2.3304e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	5.0074e+01	2.7736e+01	-1.1739e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	6.0737e+01	1.0222e+01	-1.6641e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	4.9503e+01	1.3352e+01	-2.8206e+01
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	2.8957e+01	5.5820e+01	-1.0788e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	3.9675e+01	4.7279e+01	-4.0463e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	4.6516e+01	3.6366e+01	-1.2306e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	3.5777e+01	4.4130e+01	-1.9048e+01
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	2.6010e+01	6.2643e+01	3.3794e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	3.5682e+01	5.3418e+01	5.6398e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	3.8022e+01	5.1150e+01	-3.6508e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	2.8250e+01	6.0266e+01	-5.9112e+00
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.7377e+01	5.5018e+01	1.7503e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	3.7662e+01	4.5865e+01	1.5564e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	3.5457e+01	5.2681e+01	6.3320e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	2.5653e+01	6.1752e+01	8.2713e+00
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	3.4114e+01	3.2144e+01	3.0318e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	4.5793e+01	2.4807e+01	2.3613e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	3.8957e+01	4.0410e+01	1.5709e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.7364e+01	4.8675e+01	2.2414e+01
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	4.7867e+01	-6.3459e+00	3.8125e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	6.0021e+01	-7.7808e+00	2.6133e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	4.9272e+01	1.4324e+01	2.2469e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	3.4318e+01	2.0123e+01	3.4460e+01
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	6.6185e+01	-5.3280e+01	3.3198e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	7.6960e+01	-4.3923e+01	1.8704e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	6.5888e+01	-2.2071e+01	2.3718e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	4.7887e+01	-2.2612e+01	3.8213e+01
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	7.4017e+01	-8.3669e+01	8.7955e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	8.8203e+01	-6.6327e+01	1.8302e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	8.2697e+01	-5.6478e+01	1.6412e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	6.5409e+01	-6.7920e+01	2.3377e+01
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	2.2283e+01	-6.0294e+01	-3.5447e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	6.5135e+01	-4.7188e+01	-2.5808e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	7.1970e+01	-6.1149e+01	-6.6249e+00

	1172	0.0000e+00	0.0000e+00	0.0000e+00	3.4978e+01	-8.5912e+01	-1.6263e+01
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	7.8893e+00	4.8165e+00	-4.5846e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	4.3759e+01	-1.9065e+00	-3.0589e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	5.5301e+01	-2.9866e+01	-3.0834e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	2.7262e+01	-3.6105e+01	-4.6091e+01
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	3.3564e+00	4.7975e+01	-3.0964e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	2.8039e+01	3.7364e+01	-2.2811e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	3.7798e+01	1.2711e+01	-3.3413e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	1.0117e+01	2.3029e+01	-4.1566e+01
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	2.7792e+00	7.0986e+01	-1.3435e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	2.0581e+01	5.9812e+01	-9.9643e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	2.6001e+01	4.5561e+01	-2.2495e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	4.3919e+00	5.9121e+01	-2.5965e+01
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	2.3250e+00	7.7787e+01	2.9876e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.8057e+01	6.6090e+01	4.2674e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.9986e+01	6.3006e+01	-8.0200e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	2.9889e+00	7.5565e+01	-9.2998e+00
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.0074e+00	7.0401e+01	1.9174e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.8812e+01	5.7460e+01	1.8996e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.7626e+01	6.5440e+01	6.6055e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.8333e+00	7.6958e+01	6.7835e+00
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	3.7544e-01	4.7042e+01	3.6179e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.3631e+01	3.3135e+01	3.3438e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.8642e+01	5.2802e+01	2.0740e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-1.9078e-01	6.3960e+01	2.3481e+01
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	5.2624e+00	1.9419e+00	5.1705e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	3.5203e+01	-7.7586e+00	4.3386e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.5280e+01	2.2954e+01	3.3168e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	-1.6690e+00	3.3425e+01	4.1486e+01
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	2.4130e+01	-6.8880e+01	5.3826e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	5.3601e+01	-5.8700e+01	3.6976e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	4.1598e+01	-2.5164e+01	3.9282e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	1.9890e+00	-1.9535e+01	5.6132e+01
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	3.3148e+01	-1.2814e+02	1.5169e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	7.1928e+01	-9.4938e+01	4.1445e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	6.4846e+01	-7.9146e+01	2.9932e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	1.7891e+01	-9.6848e+01	4.0957e+01
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	-7.4452e+01	-9.4709e+01	-5.4851e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	1.7947e+01	-7.5415e+01	-4.2232e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	2.5305e+01	-1.0466e+02	-1.0230e+01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-5.6239e+01	-1.4854e+02	-2.2850e+01
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	-5.7660e+01	1.7372e+01	-4.6950e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-7.9771e+00	8.9123e+00	-4.1641e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-2.1226e+00	-4.3302e+01	-5.4200e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-5.2757e+01	-2.6970e+01	-5.9509e+01
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	-3.7738e+01	6.5756e+01	-2.3408e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-1.1684e+01	5.4819e+01	-2.7763e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-8.2355e+00	2.1001e+01	-4.3827e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-5.0011e+01	4.1775e+01	-3.9472e+01
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	-2.5474e+01	8.6131e+01	-8.6002e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	-8.5575e+00	7.6480e+01	-1.2402e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-8.5907e+00	5.9848e+01	-2.5091e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	-3.3144e+01	7.5246e+01	-2.1289e+01
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	-2.1842e+01	9.1340e+01	2.9988e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-7.1951e+00	8.1510e+01	2.2791e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	-6.8875e+00	7.8025e+01	-8.4778e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	-2.3608e+01	8.9430e+01	-7.7581e+00
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	-2.6810e+01	8.4547e+01	1.4521e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-9.2105e+00	7.2580e+01	1.7315e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-7.8598e+00	8.1001e+01	6.3506e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-2.2500e+01	9.0677e+01	3.5568e+00
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	-4.0241e+01	6.3833e+01	2.8791e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	-1.3602e+01	4.7380e+01	3.4524e+01

	1166	0.0000e+00	0.0000e+00	0.0000e+00	-1.2196e+01	6.9879e+01	2.1212e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-3.0031e+01	7.9705e+01	1.5479e+01
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	-6.0844e+01	2.1406e+01	4.8251e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-1.4832e+01	-8.4203e-01	5.3937e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	-1.7861e+01	4.0691e+01	3.6921e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-4.6295e+01	5.2032e+01	3.1235e+01
1440	1153	0.0000e+00	0.0000e+00	0.0000e+00	-6.4082e+01	-6.1001e+01	6.9420e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-8.3860e+00	-7.7661e+01	6.3259e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-1.4890e+01	-1.5663e+01	5.0612e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-7.0063e+01	-7.3574e+00	5.6773e+01
1441	1088	0.0000e+00	0.0000e+00	0.0000e+00	-6.5448e+01	-2.0437e+02	2.5429e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	2.4498e+01	-1.5016e+02	9.1016e+00
	1163	0.0000e+00	0.0000e+00	0.0000e+00	1.4771e+01	-1.1561e+02	4.8223e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-8.8805e+01	-1.3863e+02	6.4550e+01
1442	323	0.0000e+00	0.0000e+00	0.0000e+00	-2.0257e+02	1.8876e+01	5.8693e+00
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-1.3715e+02	-9.6195e+01	-3.0678e+01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-1.4813e+01	-1.9449e+02	-2.4225e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	-3.9897e+02	-3.2230e+02	1.2323e+01
1443	322	0.0000e+00	0.0000e+00	0.0000e+00	-1.1048e+02	4.2528e+01	3.9253e+00
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-8.8030e+01	3.8109e+01	-3.5438e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-1.2144e+02	-4.5959e+01	-4.6766e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	-1.5682e+02	-2.8016e+01	-7.4028e+00
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	-6.3392e+01	7.8376e+01	3.8438e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	-5.2790e+01	7.4358e+01	-1.8617e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-7.0372e+01	3.7729e+01	-2.6005e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	-9.1323e+01	4.8295e+01	-3.5441e+00
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	-4.0854e+01	9.3455e+01	3.2625e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	-3.4118e+01	9.0521e+01	-7.8421e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	-4.3476e+01	7.4918e+01	-1.2353e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	-5.3997e+01	8.0889e+01	-1.2487e+00
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	-3.4184e+01	9.6599e+01	2.8721e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-2.8330e+01	9.3670e+01	3.4741e-01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	-3.0403e+01	9.0642e+01	-3.0078e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	-3.7227e+01	9.4337e+01	-4.8307e-01
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	-4.1002e+01	8.9552e+01	2.9204e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-3.3853e+01	8.5589e+01	8.2203e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-2.9144e+01	9.3248e+01	4.7558e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	-3.4973e+01	9.6124e+01	-5.4413e-01
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	-6.2820e+01	6.9808e+01	3.9542e+00
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-5.1459e+01	6.3242e+01	1.8101e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-3.9297e+01	8.4551e+01	1.3227e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-4.6316e+01	8.7607e+01	-9.1991e-01
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.0659e+02	2.8353e+01	6.7402e+00
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-8.3458e+01	1.6627e+01	3.2862e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-6.2830e+01	6.1574e+01	2.4727e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-7.4288e+01	6.5908e+01	-1.3954e+00
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-1.8084e+02	-6.2733e+01	1.1308e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-1.4124e+02	-8.2739e+01	5.5493e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.0384e+02	1.5789e+01	4.2949e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.2871e+02	2.0546e+01	-1.2364e+00
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-4.5342e+02	-3.9796e+02	-9.4854e+00
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-1.8218e+01	-2.5672e+02	3.0131e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-1.5914e+02	-1.4054e+02	3.6403e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-2.3222e+02	-1.1684e+01	-3.2134e+00
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	2.4477e+01	-5.2800e+01	2.0974e-01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-6.3021e+00	3.0119e+01	1.3124e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	-2.5026e+01	-1.4030e+02	1.6889e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	6.6991e+01	-6.5554e+01	3.9742e+00
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.6978e+01	-1.7735e+01	1.7799e+00
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-4.3630e+00	4.4976e+01	9.5580e+00
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-1.0975e+01	-9.0779e+01	1.3271e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	3.7918e+01	-3.6129e+01	5.4924e+00
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.2299e+01	7.3451e+00	-9.4938e-01

	1150	0.0000e+00	0.0000e+00	0.0000e+00	-5.8766e+00	5.4637e+01	6.5567e+00
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-8.7541e+00	-4.8249e+01	9.6723e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	2.9003e+01	-7.7228e+00	2.1662e+00
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	8.0044e+00	2.6042e+01	-2.3740e+00
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-9.4149e+00	5.8475e+01	4.3038e+00
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-9.9782e+00	-1.3166e+01	6.2691e+00
	1140	0.0000e+00	0.0000e+00	0.0000e+00	2.0869e+01	1.4999e+01	-4.0870e-01
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	4.6364e+00	3.8094e+01	-2.0046e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-1.3364e+01	5.6637e+01	3.0349e+00
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-1.2701e+01	1.4581e+01	3.8661e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	1.3257e+01	3.1318e+01	-1.1733e+00
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	2.7268e+00	4.3365e+01	-3.1370e-01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	-1.6544e+01	4.8811e+01	2.5206e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-1.5421e+01	3.5429e+01	2.5634e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	6.8254e+00	4.0783e+01	-2.7089e-01
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.4363e+00	4.1830e+01	1.9819e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-1.8315e+01	3.4736e+01	2.3879e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	-1.7142e+01	4.9689e+01	2.0627e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	2.0113e+00	4.3302e+01	1.6566e+00
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	3.5447e+00	3.3312e+01	4.1254e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.8432e+01	1.4270e+01	2.1428e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-1.7356e+01	5.7468e+01	1.9148e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	-1.1842e+00	3.8921e+01	3.8974e+00
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	3.7512e+00	1.5768e+01	4.1864e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.6480e+01	-1.2332e+01	6.1816e-01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.5810e+01	5.8205e+01	1.6760e+00
	1135	0.0000e+00	0.0000e+00	0.0000e+00	-3.4918e+00	2.7807e+01	5.2443e+00
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	4.0747e+01	-1.0250e+01	1.8903e+00
	23	0.0000e+00	0.0000e+00	0.0000e+00	-4.2728e+01	-4.5646e+01	-6.6530e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.2953e+01	5.4927e+01	1.7785e+00
	1134	0.0000e+00	0.0000e+00	0.0000e+00	-4.7656e+00	1.2224e+00	1.0322e+01
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	7.2370e+01	-4.8006e+01	3.6970e+00
	1142	0.0000e+00	0.0000e+00	0.0000e+00	4.6250e+01	-5.0677e+01	9.6616e+00
	1143	0.0000e+00	0.0000e+00	0.0000e+00	5.2947e+01	-5.9809e+01	6.7283e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	7.6660e+01	-5.6111e+01	7.6379e-01
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	5.8690e+01	-2.1179e+01	-1.3868e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	3.8299e+01	-2.2486e+01	8.1794e+00
	1142	0.0000e+00	0.0000e+00	0.0000e+00	4.7851e+01	-2.9574e+01	1.2372e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	6.6761e+01	-3.9985e+01	2.8057e+00
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	4.5321e+01	5.0286e+00	-5.9022e+00
	1140	0.0000e+00	0.0000e+00	0.0000e+00	2.9803e+01	3.7856e+00	3.3192e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	3.7215e+01	-3.1318e+00	7.6458e+00
	1130	0.0000e+00	0.0000e+00	0.0000e+00	5.4896e+01	-1.3770e+01	-1.5755e+00
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	3.4597e+01	2.6070e+01	-7.4290e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	2.1840e+01	2.4211e+01	3.1134e-01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	2.8074e+01	1.8528e+01	2.7504e+00
	1129	0.0000e+00	0.0000e+00	0.0000e+00	4.2621e+01	1.1373e+01	-4.9899e+00
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.6831e+01	3.9733e+01	-6.3813e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	1.5485e+01	3.7826e+01	-7.0761e-01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	2.0163e+01	3.4140e+01	2.3529e-02
	1128	0.0000e+00	0.0000e+00	0.0000e+00	3.2605e+01	3.0645e+01	-5.6502e+00
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.1834e+01	4.5522e+01	-3.9342e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	1.1199e+01	4.4258e+01	-4.0944e-01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	1.4142e+01	4.2997e+01	-6.4907e-01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.5384e+01	4.2253e+01	-4.1738e+00
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.9082e+01	4.3432e+01	-1.2769e+00
	1136	0.0000e+00	0.0000e+00	0.0000e+00	8.9348e+00	4.3471e+01	3.5059e-01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	1.0210e+01	4.4886e+01	-9.8473e-02
	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.0805e+01	4.5900e+01	-1.7259e+00
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.8231e+01	3.3252e+01	5.3363e-01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	7.9804e+00	3.5257e+01	6.7241e-01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	8.1765e+00	3.9820e+01	7.7462e-01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.8290e+01	4.1602e+01	6.3584e-01

1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.6049e+01	1.3695e+01	8.7425e-01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	1.1218e+01	1.8282e+01	-4.5933e-01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	7.3429e+00	2.6744e+01	3.6551e-01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.7467e+01	2.9540e+01	1.6991e+00
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	3.7595e+01	-1.4028e+01	1.4403e+00
	1133	0.0000e+00	0.0000e+00	0.0000e+00	-1.0922e+01	-1.5636e+01	4.7661e-01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	8.5898e+00	8.9812e+00	2.8670e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.6308e+01	2.1824e+00	3.8307e+00
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	8.0871e+01	-5.3209e+01	-7.7926e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	7.7148e+01	-4.7296e+01	-1.8520e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	8.2039e+01	-5.5103e+01	3.5519e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	8.6923e+01	-6.0924e+01	-2.3888e+00
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	6.6111e+01	-2.6952e+01	-1.7637e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	6.3998e+01	-2.2786e+01	-5.0656e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	7.4716e+01	-4.0060e+01	-3.7620e-01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	7.8550e+01	-4.6078e+01	-1.2948e+01
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	5.0429e+01	3.2249e+00	-2.1039e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	4.9741e+01	3.8985e+00	-8.2333e+00
	1130	0.0000e+00	0.0000e+00	0.0000e+00	6.0140e+01	-1.3605e+01	-6.2055e+00
	1119	0.0000e+00	0.0000e+00	0.0000e+00	6.3619e+01	-1.7335e+01	-1.9011e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	3.8165e+01	2.7906e+01	-1.8866e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	3.7599e+01	2.6063e+01	-8.7188e+00
	1129	0.0000e+00	0.0000e+00	0.0000e+00	4.6127e+01	1.2103e+01	-9.5141e+00
	1118	0.0000e+00	0.0000e+00	0.0000e+00	4.8330e+01	1.1987e+01	-1.9662e+01
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	2.9983e+01	4.3616e+01	-1.3765e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.8867e+01	4.0612e+01	-6.9364e+00
	1128	0.0000e+00	0.0000e+00	0.0000e+00	3.4910e+01	3.1798e+01	-9.4427e+00
	1117	0.0000e+00	0.0000e+00	0.0000e+00	3.6518e+01	3.4236e+01	-1.6271e+01
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	2.5221e+01	4.9926e+01	-7.9051e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.3453e+01	4.6778e+01	-4.0316e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.7129e+01	4.3618e+01	-7.0772e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	2.8680e+01	4.7083e+01	-1.0951e+01
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	2.3018e+01	4.7129e+01	-2.6790e+00
	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.0728e+01	4.4631e+01	-1.1687e+00
	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.2432e+01	4.7234e+01	-3.8548e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	2.4096e+01	5.0569e+01	-5.3651e+00
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	2.2713e+01	3.5290e+01	9.7213e-01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.9856e+01	3.4023e+01	6.7940e-01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.0137e+01	4.2692e+01	-9.7359e-01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	2.1893e+01	4.5015e+01	-6.8087e-01
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	2.2916e+01	1.4073e+01	2.6942e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.1680e+01	1.4294e+01	7.0743e-01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.9467e+01	2.9626e+01	3.0298e-01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	2.1468e+01	3.0726e+01	2.2897e+00
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	2.8280e+01	-1.6595e+01	1.6946e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	1.3617e+01	-1.6789e+01	1.5298e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.0158e+01	6.8760e+00	2.6263e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	2.1436e+01	4.3009e+00	2.7911e+00
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	6.6079e+01	-7.0613e+01	-2.0499e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	8.2803e+01	-5.7798e+01	-1.3378e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	8.7054e+01	-6.5635e+01	5.0327e-01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	7.4946e+01	-8.2961e+01	-6.6183e+00
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	4.9590e+01	-3.2791e+01	-3.6389e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	6.6683e+01	-3.0016e+01	-2.1599e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	7.7985e+01	-4.8969e+01	-1.5113e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	6.5531e+01	-6.0279e+01	-2.9902e+01
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	3.4932e+01	5.9284e+00	-3.6806e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	4.9133e+01	2.7075e+00	-2.2970e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	6.0961e+01	-1.8332e+01	-2.3965e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	4.8592e+01	-1.9391e+01	-3.7802e+01
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	2.5462e+01	3.4778e+01	-2.9122e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	3.5697e+01	2.9220e+01	-1.9545e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	4.4959e+01	1.2291e+01	-2.4543e+01

	1107	0.0000e+00	0.0000e+00	0.0000e+00	3.3843e+01	1.7585e+01	-3.4120e+01
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	2.0273e+01	5.1571e+01	-1.9466e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	2.7281e+01	4.5694e+01	-1.3891e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	3.3292e+01	3.5256e+01	-1.9991e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	2.4532e+01	4.2626e+01	-2.5566e+01
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.7858e+01	5.7335e+01	-1.0488e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	2.2788e+01	5.2024e+01	-7.8379e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	2.6044e+01	4.8395e+01	-1.3582e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.9484e+01	5.5555e+01	-1.6232e+01
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.7297e+01	5.3006e+01	-3.1066e+00
	1114	0.0000e+00	0.0000e+00	0.0000e+00	2.1037e+01	4.8835e+01	-2.5999e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	2.2197e+01	5.1819e+01	-7.2950e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.7071e+01	5.7843e+01	-7.8017e+00
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.7944e+01	3.8729e+01	2.0588e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	2.1338e+01	3.6367e+01	8.9514e-01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	2.0791e+01	4.5858e+01	-2.2495e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.6347e+01	5.0325e+01	-1.0858e+00
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	2.1047e+01	1.4736e+01	4.6443e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	2.1954e+01	1.4367e+01	1.9303e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	2.1154e+01	3.0994e+01	8.1617e-01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.6848e+01	3.3044e+01	3.5302e+00
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	1.0571e+01	-1.9302e+01	1.8960e+00
	1111	0.0000e+00	0.0000e+00	0.0000e+00	3.0359e+01	-1.6750e+01	1.4844e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	2.1547e+01	3.6505e+00	1.5054e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.8625e+01	6.1568e+00	1.9170e+00
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	2.0085e+01	-1.0206e+02	-3.7985e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	6.5559e+01	-8.1330e+01	-2.7450e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	7.0235e+01	-9.4332e+01	-2.3317e+00
	1099	0.0000e+00	0.0000e+00	0.0000e+00	3.4814e+01	-1.2814e+02	-1.2866e+01
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	3.9302e+00	-3.4976e+01	-5.6488e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	4.4029e+01	-3.6895e+01	-3.8980e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	5.6460e+01	-6.6259e+01	-3.3425e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	2.3751e+01	-8.0239e+01	-5.0933e+01
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.3615e+00	1.5366e+01	-4.6990e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	2.6185e+01	7.7336e+00	-3.6755e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	3.7287e+01	-2.1853e+01	-4.3615e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	6.3914e+00	-1.4590e+01	-5.3850e+01
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	-8.2677e-01	4.6809e+01	-3.2638e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.6901e+01	3.8605e+01	-2.8357e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	2.3609e+01	1.7181e+01	-3.8150e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	3.5150e-01	3.0244e+01	-4.2432e+01
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.4188e+00	6.2690e+01	-2.0007e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.3167e+01	5.5313e+01	-1.8813e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.6512e+01	4.3304e+01	-2.7764e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	2.7257e-01	5.5364e+01	-2.8958e+01
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	3.5036e+00	6.6718e+01	-9.9319e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.2161e+01	6.0311e+01	-1.0103e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.3392e+01	5.6753e+01	-1.7497e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.9577e+00	6.6401e+01	-1.7326e+01
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	5.0858e+00	6.0512e+01	-1.9160e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.2524e+01	5.5057e+01	-2.8962e+00
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.2367e+01	5.9178e+01	-8.8187e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	3.4378e+00	6.6584e+01	-7.8385e+00
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	6.2865e+00	4.3547e+01	4.1119e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.4397e+01	3.9859e+01	2.1277e+00
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.2669e+01	5.1255e+01	-2.1706e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	4.3597e+00	5.6901e+01	-1.8638e-01
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.2025e+01	1.5442e+01	7.4973e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.4139e+01	1.4407e+01	3.9447e+00
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.4469e+01	3.3751e+01	2.3485e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	5.1504e+00	3.6182e+01	5.9011e+00
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	-1.5120e+01	-2.4155e+01	1.8498e+00
	1100	0.0000e+00	0.0000e+00	0.0000e+00	3.9644e+01	-1.7559e+01	1.1991e+00

	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.5155e+01	4.2591e-01	1.0903e+00
	1090	0.0000e+00	0.0000e+00	0.0000e+00	8.1707e+00	7.2588e+00	1.7411e+00
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	-8.5788e+01	-1.5487e+02	-6.1974e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	1.7674e+01	-1.2100e+02	-4.7253e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	2.2966e+01	-1.5080e+02	-6.0466e+00
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-6.3963e+01	-2.0641e+02	-2.0767e+01
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	-7.2862e+01	-2.8522e+01	-6.1469e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.2155e+01	-3.3492e+01	-5.2352e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-3.4320e+00	-8.9849e+01	-6.0598e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-6.4790e+01	-7.6912e+01	-6.9716e+01
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	-4.9712e+01	3.2083e+01	-3.7171e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.8846e+01	2.2674e+01	-4.2237e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.4257e+01	-1.8904e+01	-5.7596e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-6.3632e+01	5.0369e+00	-5.2530e+01
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	-3.1274e+01	6.1086e+01	-2.2356e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	-1.3782e+01	5.3517e+01	-2.9528e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.5234e+01	2.8789e+01	-4.1404e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-4.3035e+01	4.7009e+01	-3.4232e+01
1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	-1.8639e+01	7.3591e+01	-1.2580e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-7.7093e+00	6.7495e+01	-1.8385e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	-1.0152e+01	5.5470e+01	-2.6932e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	-2.6890e+01	6.7933e+01	-2.1127e+01
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	-1.1365e+01	7.5136e+01	-5.7049e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-3.2869e+00	6.9883e+01	-9.4541e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-5.3483e+00	6.7314e+01	-1.5799e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-1.6210e+01	7.5838e+01	-1.2050e+01
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	-8.4623e+00	6.7572e+01	-1.5232e-01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-7.8806e-01	6.2356e+01	-2.1285e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-2.3069e+00	6.8005e+01	-7.3237e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-1.0584e+01	7.4070e+01	-5.3475e+00
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	-9.2537e+00	4.9877e+01	5.1819e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.5343e+00	4.4342e+01	3.9611e+00
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-8.5095e-01	5.8344e+01	-8.3046e-01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-9.1173e+00	6.3214e+01	3.9035e-01
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	-3.4308e+00	1.8075e+01	9.8218e+00
	1090	0.0000e+00	0.0000e+00	0.0000e+00	-1.1161e+00	1.4101e+01	6.9925e+00
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.3197e+00	3.8008e+01	4.5855e+00
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.1078e+01	3.9260e+01	7.4148e+00
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	-4.9390e+01	-3.3597e+01	8.9713e-01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	4.2125e+01	-2.1180e+01	3.0676e-01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.7805e+00	-3.9313e+00	1.2066e+00
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.0132e+01	6.5314e+00	1.7969e+00
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	-2.4896e+02	-3.3724e+01	4.2979e-01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-1.5639e+02	-1.6060e+02	-3.7085e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-1.8371e+01	-2.5829e+02	-2.4493e+01
	13	0.0000e+00	0.0000e+00	0.0000e+00	-4.5609e+02	-4.1250e+02	1.3021e+01
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	-1.3957e+02	2.9191e+00	1.6937e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-1.1333e+02	-1.7550e+00	-4.4874e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-1.4463e+02	-1.0342e+02	-5.9034e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	-1.9406e+02	-7.7344e+01	-1.2467e+01
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	-8.2507e+01	4.7924e+01	2.1925e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-7.0158e+01	4.4363e+01	-2.8292e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-9.2320e+01	-2.7111e+00	-3.6295e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	-1.1650e+02	1.1107e+01	-5.8108e+00
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	-4.8846e+01	6.9859e+01	1.8725e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	-4.2209e+01	6.7585e+01	-1.7417e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-5.7484e+01	4.4640e+01	-2.2102e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	-6.9104e+01	5.2540e+01	-2.8131e+00
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	-2.9074e+01	7.8673e+01	1.4154e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-2.5138e+01	7.7149e+01	-1.0327e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	-3.4653e+01	6.7452e+01	-1.3103e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	-4.1189e+01	7.1955e+01	-1.3605e+00
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	-1.8612e+01	7.8262e+01	7.9303e-01



	1082	0.0000e+00	0.0000e+00	0.0000e+00	-1.5864e+01	7.7093e+01	-5.5504e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-2.1107e+01	7.6154e+01	-7.2892e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	-2.5055e+01	7.8760e+01	-9.4584e-01
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.5293e+01	6.9796e+01	2.2733e-01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-1.2709e+01	6.8405e+01	-1.8290e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-1.4520e+01	7.5058e+01	-3.1951e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	-1.7270e+01	7.6633e+01	-1.1388e+00
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	-1.8844e+01	5.1936e+01	1.4497e-01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.4524e+01	4.9467e+01	1.9222e+00
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-1.3756e+01	6.5193e+01	2.1900e-01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.6338e+01	6.6423e+01	-1.5583e+00
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	-2.9895e+01	1.9888e+01	1.4079e+00
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-2.2754e+01	1.3688e+01	7.7353e+00
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.8415e+01	4.4859e+01	4.4688e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	-2.2579e+01	4.5752e+01	-1.8586e+00
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-9.4472e+01	-7.0497e+01	1.4910e+00
	1078	0.0000e+00	0.0000e+00	0.0000e+00	4.0578e+01	-2.9646e+01	-3.1042e+00
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-2.2741e+01	-9.8609e+00	-3.3782e+00
	207	0.0000e+00	0.0000e+00	0.0000e+00	-3.9618e+01	3.1585e+01	1.2170e+00
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	-8.7111e+01	-1.0347e+02	3.0758e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-2.0248e+02	-2.9242e+01	4.2425e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	-2.5007e+02	-2.8425e+02	1.9430e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.8116e+01	-1.5989e+02	7.7630e+00
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	-9.3838e+01	1.6228e+01	3.2612e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-1.2860e+02	2.8343e+01	1.0451e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-1.6981e+02	-2.9426e+01	2.9114e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-9.3288e+01	-5.7997e+01	5.1275e+01
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	-7.8236e+01	5.1566e+01	1.3872e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-9.9427e+01	6.1664e+01	1.9131e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-1.1505e+02	4.0196e+01	1.5348e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-8.4560e+01	2.1006e+01	2.7307e+01
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	-7.4933e+01	5.2110e+01	-5.9705e+00
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-9.5338e+01	6.5171e+01	-5.9836e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-9.5350e+01	6.5275e+01	5.9986e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-7.4944e+01	5.2215e+01	6.0116e+00
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	-8.4533e+01	2.0617e+01	-2.7269e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.1501e+02	3.9812e+01	-1.5341e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-9.9422e+01	6.1481e+01	-1.9022e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-7.8235e+01	5.1379e+01	-1.3830e+01
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	-9.3244e+01	-5.8634e+01	-5.1242e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-1.6971e+02	-3.0054e+01	-2.9127e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.2856e+02	2.7883e+01	-1.0457e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-9.3817e+01	1.5763e+01	-3.2572e+01
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	-1.8082e+01	-1.6081e+02	-7.8651e+00
	19	0.0000e+00	0.0000e+00	0.0000e+00	-2.4993e+02	-2.8486e+02	-1.9552e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-2.0235e+02	-2.9965e+01	-4.2431e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-8.7098e+01	-1.0414e+02	-3.0745e+01
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	2.5315e+01	-6.7854e+01	2.5269e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-5.2745e+01	-8.8268e+01	3.9511e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-3.2290e+01	-1.2935e+02	1.0432e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	3.0992e+01	-8.6372e+01	-3.8094e+00
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	2.5340e-01	-1.1036e+01	2.7185e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-5.8281e+01	-6.5159e-01	4.1401e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-4.1545e+01	-4.1589e+01	4.7997e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	9.6022e+00	-4.5584e+01	3.3781e+01
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.2215e+01	2.2796e+01	1.1655e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-5.3342e+01	4.1519e+01	1.5074e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-5.3560e+01	2.3791e+01	3.3775e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-5.7248e+00	1.7441e+00	3.0357e+01
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	-1.3048e+01	2.6334e+01	-9.9179e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-5.1900e+01	4.8011e+01	-9.9297e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-5.1911e+01	4.8119e+01	9.9583e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.3059e+01	2.6441e+01	9.9701e+00

1533 1061 0.0000e+00 0.0000e+00 0.0000e+00 -5.7012e+00 1.3522e+00 -3.0302e+01  
1067 0.0000e+00 0.0000e+00 0.0000e+00 -5.3540e+01 2.3398e+01 -3.3745e+01  
1068 0.0000e+00 0.0000e+00 0.0000e+00 -5.3345e+01 4.1335e+01 -1.5045e+01  
1062 0.0000e+00 0.0000e+00 0.0000e+00 -1.2214e+01 2.2615e+01 -1.1602e+01

1534 1060 0.0000e+00 0.0000e+00 0.0000e+00 9.6545e+00 -4.6250e+01 -3.3729e+01  
1066 0.0000e+00 0.0000e+00 0.0000e+00 -4.1520e+01 -4.2239e+01 -4.7974e+01  
1067 0.0000e+00 0.0000e+00 0.0000e+00 -5.8269e+01 -1.1114e+00 -4.1371e+01  
1061 0.0000e+00 0.0000e+00 0.0000e+00 2.6563e-01 -1.1497e+01 -2.7126e+01

1535 537 0.0000e+00 0.0000e+00 0.0000e+00 3.1103e+01 -8.7306e+01 3.8675e+00  
548 0.0000e+00 0.0000e+00 0.0000e+00 -3.2184e+01 -1.3029e+02 -1.0451e+01  
1066 0.0000e+00 0.0000e+00 0.0000e+00 -5.2718e+01 -8.8972e+01 -3.9520e+01  
1060 0.0000e+00 0.0000e+00 0.0000e+00 2.5365e+01 -6.8589e+01 -2.5201e+01

1536 1059 0.0000e+00 0.0000e+00 0.0000e+00 7.2826e+01 -4.1628e+01 9.9635e+00  
1065 0.0000e+00 0.0000e+00 0.0000e+00 3.1263e+01 -5.3193e+01 1.7346e+01  
644 0.0000e+00 0.0000e+00 0.0000e+00 4.2791e+01 -7.1277e+01 1.2921e+00  
633 0.0000e+00 0.0000e+00 0.0000e+00 7.4844e+01 -4.7845e+01 -6.0903e+00

1537 1058 0.0000e+00 0.0000e+00 0.0000e+00 5.9071e+01 -1.7336e+01 1.4703e+01  
1064 0.0000e+00 0.0000e+00 0.0000e+00 1.6898e+01 -9.8667e+00 2.7549e+01  
1065 0.0000e+00 0.0000e+00 0.0000e+00 3.3379e+01 -4.0570e+01 2.6884e+01  
1059 0.0000e+00 0.0000e+00 0.0000e+00 6.6159e+01 -3.1653e+01 1.4039e+01

1538 1057 0.0000e+00 0.0000e+00 0.0000e+00 4.8247e+01 2.7677e+00 6.4260e+00  
1063 0.0000e+00 0.0000e+00 0.0000e+00 1.0030e+01 1.8153e+01 1.3702e+01  
1064 0.0000e+00 0.0000e+00 0.0000e+00 1.8193e+01 1.1337e+00 2.4889e+01  
1058 0.0000e+00 0.0000e+00 0.0000e+00 5.3435e+01 -7.8685e+00 1.7613e+01

1539 1056 0.0000e+00 0.0000e+00 0.0000e+00 4.6341e+01 6.1188e+00 -7.4033e+00  
1062 0.0000e+00 0.0000e+00 0.0000e+00 1.0465e+01 2.2343e+01 -7.4212e+00  
1063 0.0000e+00 0.0000e+00 0.0000e+00 1.0452e+01 2.2445e+01 7.4619e+00  
1057 0.0000e+00 0.0000e+00 0.0000e+00 4.6322e+01 6.2248e+00 7.4799e+00

1540 1055 0.0000e+00 0.0000e+00 0.0000e+00 5.3495e+01 -8.2507e+00 -1.7528e+01  
1061 0.0000e+00 0.0000e+00 0.0000e+00 1.8225e+01 7.5019e-01 -2.4843e+01  
1062 0.0000e+00 0.0000e+00 0.0000e+00 1.0033e+01 1.7968e+01 -1.3661e+01  
1056 0.0000e+00 0.0000e+00 0.0000e+00 4.8265e+01 2.5931e+00 -6.3462e+00

1541 1054 0.0000e+00 0.0000e+00 0.0000e+00 6.6274e+01 -3.2294e+01 -1.3929e+01  
1060 0.0000e+00 0.0000e+00 0.0000e+00 3.3443e+01 -4.1224e+01 -2.6825e+01  
1061 0.0000e+00 0.0000e+00 0.0000e+00 1.6922e+01 -1.0331e+01 -2.7502e+01  
1055 0.0000e+00 0.0000e+00 0.0000e+00 5.9134e+01 -1.7784e+01 -1.4606e+01

1542 526 0.0000e+00 0.0000e+00 0.0000e+00 7.5036e+01 -4.8716e+01 6.2579e+00  
537 0.0000e+00 0.0000e+00 0.0000e+00 4.2933e+01 -7.2195e+01 -1.2015e+00  
1060 0.0000e+00 0.0000e+00 0.0000e+00 3.1325e+01 -5.3926e+01 -1.7289e+01  
1054 0.0000e+00 0.0000e+00 0.0000e+00 7.2957e+01 -4.2334e+01 -9.8299e+00

1543 1053 0.0000e+00 0.0000e+00 0.0000e+00 1.0216e+02 -2.6884e+01 3.1158e+00  
1059 0.0000e+00 0.0000e+00 0.0000e+00 7.7956e+01 -3.3053e+01 5.5141e+00  
633 0.0000e+00 0.0000e+00 0.0000e+00 8.2716e+01 -4.0336e+01 -2.7499e+00  
622 0.0000e+00 0.0000e+00 0.0000e+00 1.0180e+02 -2.8489e+01 -5.1483e+00

1544 1052 0.0000e+00 0.0000e+00 0.0000e+00 9.6174e+01 -1.6733e+01 6.4403e+00  
1058 0.0000e+00 0.0000e+00 0.0000e+00 6.9332e+01 -1.3455e+01 1.3237e+01  
1059 0.0000e+00 0.0000e+00 0.0000e+00 7.8563e+01 -2.8843e+01 1.1884e+01  
1053 0.0000e+00 0.0000e+00 0.0000e+00 9.9413e+01 -2.2614e+01 5.0866e+00

1545 1051 0.0000e+00 0.0000e+00 0.0000e+00 9.0247e+01 -6.8533e+00 2.7294e+00  
1057 0.0000e+00 0.0000e+00 0.0000e+00 6.3181e+01 2.0521e+00 7.7556e+00  
1058 0.0000e+00 0.0000e+00 0.0000e+00 6.9652e+01 -8.5252e+00 1.3285e+01  
1052 0.0000e+00 0.0000e+00 0.0000e+00 9.2999e+01 -1.1675e+01 8.2592e+00

1546 1050 0.0000e+00 0.0000e+00 0.0000e+00 8.8989e+01 -4.8829e+00 -4.0240e+00  
1056 0.0000e+00 0.0000e+00 0.0000e+00 6.3279e+01 4.0444e+00 -4.0560e+00  
1057 0.0000e+00 0.0000e+00 0.0000e+00 6.3254e+01 4.1387e+00 4.1314e+00  
1051 0.0000e+00 0.0000e+00 0.0000e+00 8.8954e+01 -4.7825e+00 4.1634e+00

1547 1049 0.0000e+00 0.0000e+00 0.0000e+00 9.3118e+01 -1.2031e+01 -8.1042e+00  
1055 0.0000e+00 0.0000e+00 0.0000e+00 6.9727e+01 -8.8894e+00 -1.3197e+01  
1056 0.0000e+00 0.0000e+00 0.0000e+00 6.3204e+01 1.8719e+00 -7.6779e+00  
1050 0.0000e+00 0.0000e+00 0.0000e+00 9.0297e+01 -7.0169e+00 -2.5854e+00

1548 1048 0.0000e+00 0.0000e+00 0.0000e+00 9.9626e+01 -2.3198e+01 -4.8883e+00  
1054 0.0000e+00 0.0000e+00 0.0000e+00 7.8699e+01 -2.9459e+01 -1.1759e+01  
1055 0.0000e+00 0.0000e+00 0.0000e+00 6.9406e+01 -1.3900e+01 -1.3141e+01

	1049	0.0000e+00	0.0000e+00	0.0000e+00	9.6313e+01	-1.7149e+01	-6.2702e+00
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	1.0211e+02	-2.9249e+01	5.4339e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	8.2943e+01	-4.1170e+01	2.9484e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	7.8095e+01	-3.3742e+01	-5.3745e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	1.0240e+02	-2.7518e+01	-2.8891e+00
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.1972e+02	-1.9697e+01	1.3257e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	1.0616e+02	-2.2288e+01	9.8508e-01
	622	0.0000e+00	0.0000e+00	0.0000e+00	1.0702e+02	-2.4743e+01	-2.5527e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	1.1823e+02	-1.9621e+01	-2.2120e+00
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.1776e+02	-1.5404e+01	2.5164e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	1.0252e+02	-1.3891e+01	5.3555e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	1.0659e+02	-2.1016e+01	4.6973e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.1891e+02	-1.8068e+01	1.8583e+00
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.1508e+02	-1.0576e+01	9.3022e-01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	9.9195e+01	-6.3416e+00	3.5164e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	1.0261e+02	-1.1853e+01	5.9803e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.1641e+02	-1.2990e+01	3.3942e+00
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.1453e+02	-9.6121e+00	-1.7467e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	9.9225e+01	-5.5179e+00	-1.7988e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	9.9183e+01	-5.4343e+00	1.9539e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.1448e+02	-9.5209e+00	2.0060e+00
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.1661e+02	-1.3311e+01	-3.1159e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	1.0275e+02	-1.2184e+01	-5.8067e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	9.9250e+01	-6.5124e+00	-3.3570e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.1517e+02	-1.0726e+01	-6.6630e-01
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.1925e+02	-1.8576e+01	-1.5291e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	1.0683e+02	-2.1563e+01	-4.4738e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	1.0268e+02	-1.4301e+01	-5.1675e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.1800e+02	-1.5776e+01	-2.2228e+00
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	1.1872e+02	-2.0239e+01	2.6412e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	1.0738e+02	-2.5448e+01	2.8743e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	1.0641e+02	-2.2899e+01	-7.3478e-01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.2011e+02	-2.0239e+01	-9.6788e-01
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	1.2698e+02	-1.7751e+01	1.8589e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.2221e+02	-1.7858e+01	4.2753e-01
	611	0.0000e+00	0.0000e+00	0.0000e+00	1.2113e+02	-1.8166e+01	7.0290e-02
	600	0.0000e+00	0.0000e+00	0.0000e+00	1.2544e+02	-1.7494e+01	1.5016e+00
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	1.2633e+02	-1.4830e+01	8.2426e-01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.2111e+02	-1.4115e+01	1.9895e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.2251e+02	-1.7393e+01	2.2018e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	1.2707e+02	-1.7142e+01	1.0366e+00
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	1.2494e+02	-1.1444e+01	5.9321e-02
	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.1944e+02	-1.0135e+01	1.4632e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.2099e+02	-1.2965e+01	2.3162e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	1.2596e+02	-1.3516e+01	9.1227e-01
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	1.2482e+02	-1.0914e+01	-3.4103e-01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.1941e+02	-9.6787e+00	-4.1667e-01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	1.1934e+02	-9.6073e+00	7.1321e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	1.2474e+02	-1.0835e+01	7.8886e-01
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	1.2624e+02	-1.3797e+01	-4.4483e-01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.2121e+02	-1.3255e+01	-1.9994e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.1953e+02	-1.0293e+01	-1.1614e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	1.2507e+02	-1.1579e+01	3.9321e-01
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	1.2756e+02	-1.7568e+01	-5.1944e-01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.2289e+02	-1.7857e+01	-1.8315e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.2136e+02	-1.4482e+01	-1.6548e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	1.2668e+02	-1.5156e+01	-3.4277e-01
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	1.2612e+02	-1.7961e+01	-8.8756e-01
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.2167e+02	-1.8720e+01	4.0620e-01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	1.2262e+02	-1.8376e+01	-2.3698e-02
	1036	0.0000e+00	0.0000e+00	0.0000e+00	1.2754e+02	-1.8199e+01	-1.3175e+00
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	1.2190e+02	-2.0188e+01	2.4904e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	1.2737e+02	-1.8239e+01	1.3078e+00

	600	0.0000e+00	0.0000e+00	0.0000e+00	1.2570e+02	-1.7893e+01	3.6376e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	1.2140e+02	-2.1023e+01	4.8202e+00
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	1.2051e+02	-1.5133e+01	-8.2277e-01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	1.2650e+02	-1.5110e+01	5.5472e-01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	1.2716e+02	-1.7391e+01	1.4540e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	1.2238e+02	-1.9328e+01	7.6504e-02
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	1.1900e+02	-1.0472e+01	-8.1583e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	1.2493e+02	-1.1513e+01	5.8468e-01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	1.2588e+02	-1.3640e+01	9.6509e-02
	1034	0.0000e+00	0.0000e+00	0.0000e+00	1.2062e+02	-1.3616e+01	-1.3040e+00
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	1.1911e+02	-9.8417e+00	8.5721e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	1.2474e+02	-1.0941e+01	7.5958e-01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	1.2465e+02	-1.0881e+01	-2.5056e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	1.1902e+02	-9.7787e+00	-1.5293e-01
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	1.2098e+02	-1.3853e+01	2.0308e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	1.2619e+02	-1.3889e+01	4.3370e-01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	1.2507e+02	-1.1656e+01	-7.0753e-02
	1032	0.0000e+00	0.0000e+00	0.0000e+00	1.1918e+02	-1.0593e+01	1.5264e+00
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	1.2302e+02	-1.9681e+01	6.9703e-01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	1.2769e+02	-1.7772e+01	-8.7468e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	1.2687e+02	-1.5433e+01	-7.2809e-03
	1031	0.0000e+00	0.0000e+00	0.0000e+00	1.2095e+02	-1.5415e+01	1.5644e+00
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	1.2228e+02	-2.1351e+01	-3.9696e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	1.2644e+02	-1.8294e+01	-2.9615e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	1.2795e+02	-1.8667e+01	-6.9382e-01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	1.2263e+02	-2.0553e+01	-1.7019e+00
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	9.8563e+01	-2.7167e+01	1.1622e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	1.1917e+02	-2.3233e+01	1.5735e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	1.1805e+02	-2.3560e+01	6.8726e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	1.0044e+02	-3.1178e+01	6.4613e+00
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	9.5203e+01	-1.5156e+01	-4.0403e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	1.1630e+02	-1.6887e+01	-9.3101e-01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	1.1771e+02	-2.0710e+01	-7.4143e-02
	1029	0.0000e+00	0.0000e+00	0.0000e+00	9.9495e+01	-2.4310e+01	-3.1835e+00
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	9.3421e+01	-7.1054e+00	-2.0285e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	1.1355e+02	-1.1008e+01	-6.2527e-02
	1034	0.0000e+00	0.0000e+00	0.0000e+00	1.1493e+02	-1.4178e+01	-2.5752e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	9.5649e+01	-1.2603e+01	-4.5411e+00
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	9.3683e+01	-6.1125e+00	2.2952e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	1.1318e+02	-1.0030e+01	2.1869e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	1.1308e+02	-9.9793e+00	-1.4014e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	9.3585e+01	-6.0744e+00	-1.2931e+00
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	9.6038e+01	-1.2777e+01	5.5804e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	1.1530e+02	-1.4389e+01	3.3911e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	1.1372e+02	-1.1131e+01	8.5148e-01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	9.3607e+01	-7.2068e+00	3.0408e+00
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	1.0021e+02	-2.4593e+01	4.2859e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	1.1837e+02	-2.1023e+01	9.3724e-01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	1.1676e+02	-1.7167e+01	1.7582e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	9.5684e+01	-1.5387e+01	5.1069e+00
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	1.0145e+02	-3.1403e+01	-5.3176e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	1.1900e+02	-2.3833e+01	-5.9434e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	1.1992e+02	-2.3591e+01	-6.8242e-01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	9.9376e+01	-2.7490e+01	-5.6626e-02
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	4.4044e+01	-4.1474e+01	-4.2608e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	9.0938e+01	-3.3696e+01	-1.1471e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	9.1002e+01	-3.7282e+01	8.8689e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	4.9694e+01	-5.1339e+01	5.7552e+00
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	4.2915e+01	-1.8521e+01	-7.3555e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	8.4753e+01	-1.7430e+01	-4.0093e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	8.5686e+01	-2.7353e+01	-5.5836e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	4.8122e+01	-2.2830e+01	-8.9299e+00
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	4.3503e+01	-3.5516e+00	-2.3470e+00

	1027	0.0000e+00	0.0000e+00	0.0000e+00	8.1175e+01	-7.6999e+00	-1.0952e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	8.2283e+01	-1.3893e+01	-6.7789e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	4.4692e+01	-5.6510e+00	-8.0307e+00
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	4.4205e+01	6.9897e-01	3.9601e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	8.0610e+01	-6.5478e+00	3.8617e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	8.0509e+01	-6.5078e+00	-2.7735e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	4.4125e+01	7.1003e-01	-2.6751e+00
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	4.5014e+01	-5.7281e+00	9.3740e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	8.2660e+01	-1.4054e+01	7.9202e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	8.1340e+01	-7.7829e+00	2.1881e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	4.3667e+01	-3.6127e+00	3.6419e+00
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	4.8735e+01	-2.2979e+01	1.0391e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	8.6362e+01	-2.7615e+01	6.8129e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	8.5210e+01	-1.7635e+01	5.1602e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	4.3323e+01	-1.8669e+01	8.7379e+00
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	5.0592e+01	-5.1649e+01	-4.2870e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	9.2052e+01	-3.7494e+01	-7.6539e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	9.1753e+01	-3.4031e+01	2.3810e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	4.4713e+01	-4.1753e+01	5.7480e+00
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	-4.8309e+01	3.5916e+01	-3.8725e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	1.3210e+01	-4.8711e+01	8.1119e+00
	558	0.0000e+00	0.0000e+00	0.0000e+00	5.8876e+01	-6.0756e+01	5.8230e+00
	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.1985e+01	-1.4039e+02	-6.1613e+00
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	-3.8263e+01	3.5744e+01	-8.5810e-01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	1.2158e+01	-1.7004e+01	1.6246e-01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	2.6344e+01	-3.2296e+01	-2.5423e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-5.0576e+01	-7.9148e+01	-3.5628e+00
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	-3.2170e+01	2.4766e+01	7.8233e-01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.6409e+01	-3.2193e+00	3.6641e-01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	2.2212e+01	-1.0973e+01	-2.6532e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-3.8737e+01	-3.2376e+01	-2.2373e+00
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	-3.2146e+01	2.0973e+00	2.3316e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.9979e+01	-1.3812e+00	2.2599e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.9906e+01	-1.3588e+00	-8.9856e-01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-3.2205e+01	2.0482e+00	-8.2683e-01
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	-3.8514e+01	-3.2341e+01	3.7854e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	2.2483e+01	-1.1052e+01	4.0671e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.6539e+01	-3.2457e+00	1.0063e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-3.2054e+01	2.4716e+01	7.2457e-01
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	-5.0243e+01	-7.9140e+01	5.2033e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	2.6772e+01	-3.2468e+01	4.0857e+00
	1014	0.0000e+00	0.0000e+00	0.0000e+00	1.2472e+01	-1.7066e+01	1.2897e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-3.7994e+01	3.5701e+01	2.4072e+00
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	-7.2320e+01	-1.4042e+02	7.9744e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	6.0086e+01	-6.1082e+01	-4.0473e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	1.3686e+01	-4.8965e+01	-6.5941e+00
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-4.7979e+01	3.5922e+01	5.4276e+00
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	-8.7082e+01	-1.0407e+02	3.0762e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-2.0231e+02	-2.9953e+01	4.2444e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	-2.4985e+02	-2.8469e+02	1.9598e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	-1.8110e+01	-1.6077e+02	7.9160e+00
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	-9.3791e+01	1.5780e+01	3.2583e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-1.2854e+02	2.7901e+01	1.0469e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-1.6969e+02	-3.0017e+01	2.9138e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-9.3219e+01	-5.8595e+01	5.1252e+01
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	-7.8207e+01	5.1384e+01	1.3842e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-9.9401e+01	6.1489e+01	1.9122e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-1.1499e+02	3.9829e+01	1.5352e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-8.4508e+01	2.0635e+01	2.7282e+01
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	-7.4911e+01	5.2208e+01	-6.0019e+00
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-9.5329e+01	6.5274e+01	-5.9923e+00
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-9.5317e+01	6.5176e+01	5.9928e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	-7.4904e+01	5.2114e+01	5.9832e+00

1596 1001 0.0000e+00 0.0000e+00 0.0000e+00 -8.4518e+01 2.0983e+01 -2.7302e+01  
1007 0.0000e+00 0.0000e+00 0.0000e+00 -1.1502e+02 4.0183e+01 -1.5348e+01  
1008 0.0000e+00 0.0000e+00 0.0000e+00 -9.9405e+01 6.1657e+01 -1.9075e+00  
1002 0.0000e+00 0.0000e+00 0.0000e+00 -7.8201e+01 5.1557e+01 -1.3862e+01  
  
1597 1000 0.0000e+00 0.0000e+00 0.0000e+00 -9.3221e+01 -5.8039e+01 -5.1276e+01  
1006 0.0000e+00 0.0000e+00 0.0000e+00 -1.6979e+02 -2.9458e+01 -2.9123e+01  
1007 0.0000e+00 0.0000e+00 0.0000e+00 -1.2857e+02 2.8323e+01 -1.0451e+01  
1001 0.0000e+00 0.0000e+00 0.0000e+00 -9.3793e+01 1.6200e+01 -3.2604e+01  
  
1598 314 0.0000e+00 0.0000e+00 0.0000e+00 -1.8040e+01 -1.5990e+02 -7.7052e+00  
14 0.0000e+00 0.0000e+00 0.0000e+00 -2.4996e+02 -2.8438e+02 -1.9416e+01  
1006 0.0000e+00 0.0000e+00 0.0000e+00 -2.0247e+02 -2.9288e+01 -4.2459e+01  
1000 0.0000e+00 0.0000e+00 0.0000e+00 -8.7022e+01 -1.0354e+02 -3.0748e+01  
  
1599 999 0.0000e+00 0.0000e+00 0.0000e+00 2.5368e+01 -6.8555e+01 2.5225e+01  
1005 0.0000e+00 0.0000e+00 0.0000e+00 -5.2710e+01 -8.8921e+01 3.9543e+01  
421 0.0000e+00 0.0000e+00 0.0000e+00 -3.2172e+01 -1.3026e+02 1.0481e+01  
410 0.0000e+00 0.0000e+00 0.0000e+00 3.1101e+01 -8.7276e+01 -3.8371e+00  
  
1600 998 0.0000e+00 0.0000e+00 0.0000e+00 2.8315e-01 -1.1474e+01 2.7149e+01  
1004 0.0000e+00 0.0000e+00 0.0000e+00 -5.8248e+01 -1.0864e+00 4.1382e+01  
1005 0.0000e+00 0.0000e+00 0.0000e+00 -4.1513e+01 -4.2207e+01 4.7987e+01  
999 0.0000e+00 0.0000e+00 0.0000e+00 9.6638e+00 -4.6219e+01 3.3754e+01  
  
1601 997 0.0000e+00 0.0000e+00 0.0000e+00 -1.2179e+01 2.2621e+01 1.1626e+01  
1003 0.0000e+00 0.0000e+00 0.0000e+00 -5.3316e+01 4.1344e+01 1.5059e+01  
1004 0.0000e+00 0.0000e+00 0.0000e+00 -5.3517e+01 2.3413e+01 3.3758e+01  
998 0.0000e+00 0.0000e+00 0.0000e+00 -5.6788e+00 1.3706e+00 3.0325e+01  
  
1602 996 0.0000e+00 0.0000e+00 0.0000e+00 -1.3009e+01 2.6431e+01 -9.9474e+00  
1002 0.0000e+00 0.0000e+00 0.0000e+00 -5.1872e+01 4.8114e+01 -9.9459e+00  
1003 0.0000e+00 0.0000e+00 0.0000e+00 -5.1868e+01 4.8013e+01 9.9436e+00  
997 0.0000e+00 0.0000e+00 0.0000e+00 -1.3010e+01 2.6336e+01 9.9422e+00  
  
1603 995 0.0000e+00 0.0000e+00 0.0000e+00 -5.6586e+00 1.7203e+00 -3.0337e+01  
1001 0.0000e+00 0.0000e+00 0.0000e+00 -5.3509e+01 2.3771e+01 -3.3766e+01  
1002 0.0000e+00 0.0000e+00 0.0000e+00 -5.3301e+01 4.1507e+01 -1.5062e+01  
996 0.0000e+00 0.0000e+00 0.0000e+00 -1.2160e+01 2.2783e+01 -1.1632e+01  
  
1604 994 0.0000e+00 0.0000e+00 0.0000e+00 9.6805e+00 -4.5615e+01 -3.3757e+01  
1000 0.0000e+00 0.0000e+00 0.0000e+00 -4.1474e+01 -4.1628e+01 -4.7986e+01  
1001 0.0000e+00 0.0000e+00 0.0000e+00 -5.8227e+01 -6.8017e-01 -4.1393e+01  
995 0.0000e+00 0.0000e+00 0.0000e+00 3.2565e-01 -1.1065e+01 -2.7164e+01  
  
1605 304 0.0000e+00 0.0000e+00 0.0000e+00 3.1072e+01 -8.6393e+01 3.8310e+00  
314 0.0000e+00 0.0000e+00 0.0000e+00 -3.2225e+01 -1.2936e+02 -1.0406e+01  
1000 0.0000e+00 0.0000e+00 0.0000e+00 -5.2671e+01 -8.8307e+01 -3.9486e+01  
994 0.0000e+00 0.0000e+00 0.0000e+00 2.5394e+01 -6.7884e+01 -2.5248e+01  
  
1606 993 0.0000e+00 0.0000e+00 0.0000e+00 7.2964e+01 -4.2301e+01 9.8670e+00  
999 0.0000e+00 0.0000e+00 0.0000e+00 3.1330e+01 -5.3893e+01 1.7321e+01  
410 0.0000e+00 0.0000e+00 0.0000e+00 4.2936e+01 -7.2167e+01 1.2304e+00  
399 0.0000e+00 0.0000e+00 0.0000e+00 7.5035e+01 -4.8683e+01 -6.2233e+00  
  
1607 992 0.0000e+00 0.0000e+00 0.0000e+00 5.9157e+01 -1.7761e+01 1.4648e+01  
998 0.0000e+00 0.0000e+00 0.0000e+00 1.6941e+01 -1.0308e+01 2.7530e+01  
999 0.0000e+00 0.0000e+00 0.0000e+00 3.3452e+01 -4.1194e+01 2.6853e+01  
993 0.0000e+00 0.0000e+00 0.0000e+00 6.6284e+01 -3.2263e+01 1.3970e+01  
  
1608 991 0.0000e+00 0.0000e+00 0.0000e+00 4.8308e+01 2.6004e+00 6.3899e+00  
997 0.0000e+00 0.0000e+00 0.0000e+00 1.0070e+01 1.7977e+01 1.3689e+01  
998 0.0000e+00 0.0000e+00 0.0000e+00 1.8249e+01 7.6759e-01 2.4871e+01  
992 0.0000e+00 0.0000e+00 0.0000e+00 5.3523e+01 -8.2314e+00 1.7571e+01  
  
1609 990 0.0000e+00 0.0000e+00 0.0000e+00 4.6386e+01 6.2136e+00 -7.4369e+00  
996 0.0000e+00 0.0000e+00 0.0000e+00 1.0506e+01 2.2438e+01 -7.4345e+00  
997 0.0000e+00 0.0000e+00 0.0000e+00 1.0507e+01 2.2345e+01 7.4501e+00  
991 0.0000e+00 0.0000e+00 0.0000e+00 4.6390e+01 6.1207e+00 7.4477e+00  
  
1610 989 0.0000e+00 0.0000e+00 0.0000e+00 5.3518e+01 -7.8957e+00 -1.7574e+01  
995 0.0000e+00 0.0000e+00 0.0000e+00 1.8264e+01 1.1106e+00 -2.4864e+01  
996 0.0000e+00 0.0000e+00 0.0000e+00 1.0089e+01 1.8138e+01 -1.3674e+01  
990 0.0000e+00 0.0000e+00 0.0000e+00 4.8316e+01 2.7512e+00 -6.3840e+00  
  
1611 988 0.0000e+00 0.0000e+00 0.0000e+00 6.6254e+01 -3.1689e+01 -1.4007e+01  
994 0.0000e+00 0.0000e+00 0.0000e+00 3.3461e+01 -4.0601e+01 -2.6861e+01  
995 0.0000e+00 0.0000e+00 0.0000e+00 1.6973e+01 -9.8939e+00 -2.7521e+01

	989	0.0000e+00	0.0000e+00	0.0000e+00	5.9157e+01	-1.7367e+01	-1.4667e+01
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	7.4942e+01	-4.7881e+01	6.1069e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	4.2871e+01	-7.1299e+01	-1.2747e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	3.1348e+01	-5.3223e+01	-1.7319e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	7.2921e+01	-4.1665e+01	-9.9375e+00
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	1.0241e+02	-2.7475e+01	2.9421e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	7.8100e+01	-3.3706e+01	5.4181e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	8.2943e+01	-4.1134e+01	-2.9134e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	1.0211e+02	-2.9202e+01	-5.3894e+00
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	9.6341e+01	-1.7120e+01	6.3343e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	6.9429e+01	-1.3874e+01	1.3189e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	7.8709e+01	-2.9427e+01	1.1802e+01
	987	0.0000e+00	0.0000e+00	0.0000e+00	9.9639e+01	-2.3158e+01	4.9472e+00
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	9.0350e+01	-7.0082e+00	2.6552e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	6.3249e+01	1.8813e+00	7.7285e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	6.9756e+01	-8.8702e+00	1.3245e+01
	986	0.0000e+00	0.0000e+00	0.0000e+00	9.3152e+01	-1.2008e+01	8.1721e+00
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	8.9033e+01	-4.7981e+00	-4.0949e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	6.3323e+01	4.1286e+00	-4.0827e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	6.3331e+01	4.0453e+00	4.1069e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	8.9047e+01	-4.8813e+00	4.0947e+00
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	9.3101e+01	-1.1713e+01	-8.1999e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	6.9741e+01	-8.5528e+00	-1.3243e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	6.3257e+01	2.0338e+00	-7.7065e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	9.0331e+01	-6.8759e+00	-2.6632e+00
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	9.9531e+01	-2.2668e+01	-5.0451e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	7.8665e+01	-2.8881e+01	-1.1853e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	6.9426e+01	-1.3489e+01	-1.3195e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	9.6279e+01	-1.6777e+01	-6.3869e+00
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	1.0192e+02	-2.8550e+01	5.1643e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	8.2820e+01	-4.0376e+01	2.7635e+00
	988	0.0000e+00	0.0000e+00	0.0000e+00	7.8061e+01	-3.3093e+01	-5.4836e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	1.0228e+02	-2.6941e+01	-3.0827e+00
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	1.2012e+02	-2.0177e+01	1.0408e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	1.0642e+02	-2.2850e+01	7.9534e-01
	388	0.0000e+00	0.0000e+00	0.0000e+00	1.0738e+02	-2.5396e+01	-2.8285e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	1.1871e+02	-2.0170e+01	-2.5830e+00
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	1.1803e+02	-1.5733e+01	2.3146e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	1.0270e+02	-1.4267e+01	5.2403e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	1.0684e+02	-2.1520e+01	4.5363e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	1.1926e+02	-1.8519e+01	1.6106e+00
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	1.1523e+02	-1.0714e+01	7.6801e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	9.9304e+01	-6.5011e+00	3.4353e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	1.0279e+02	-1.2159e+01	5.8807e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	1.1665e+02	-1.3277e+01	3.2134e+00
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	1.1457e+02	-9.5442e+00	-1.9060e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	9.9266e+01	-5.4495e+00	-1.8784e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	9.9288e+01	-5.5176e+00	1.8774e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	1.1460e+02	-9.6106e+00	1.8499e+00
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	1.1653e+02	-1.3048e+01	-3.3091e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	1.0272e+02	-1.1894e+01	-5.9170e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	9.9287e+01	-6.3679e+00	-3.4417e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	1.1518e+02	-1.0610e+01	-8.3374e-01
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	1.1905e+02	-1.8153e+01	-1.8015e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	1.0672e+02	-2.1075e+01	-4.6555e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	1.0264e+02	-1.3941e+01	-5.2941e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	1.1789e+02	-1.5470e+01	-2.4402e+00
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	1.1839e+02	-1.9720e+01	2.2302e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	1.0715e+02	-2.4811e+01	2.5656e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	1.0629e+02	-2.2352e+01	-9.4640e-01
	976	0.0000e+00	0.0000e+00	0.0000e+00	1.1987e+02	-1.9787e+01	-1.2818e+00
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	1.2755e+02	-1.8105e+01	1.4134e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	1.2262e+02	-1.8306e+01	1.0537e-01

	377	0.0000e+00	0.0000e+00	0.0000e+00	1.2166e+02	-1.8642e+01	-3.4668e-01
	366	0.0000e+00	0.0000e+00	0.0000e+00	1.2611e+02	-1.7857e+01	9.6132e-01
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	1.2671e+02	-1.5094e+01	4.6686e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	1.2139e+02	-1.4433e+01	1.7567e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	1.2290e+02	-1.7794e+01	1.9172e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	1.2757e+02	-1.7483e+01	6.2734e-01
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	1.2513e+02	-1.1561e+01	-2.5404e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	1.1959e+02	-1.0278e+01	1.2731e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	1.2125e+02	-1.3219e+01	2.1038e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	1.2628e+02	-1.3748e+01	5.7667e-01
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	1.2484e+02	-1.0868e+01	-6.5112e-01
	978	0.0000e+00	0.0000e+00	0.0000e+00	1.1944e+02	-9.6313e+00	-6.0466e-01
	979	0.0000e+00	0.0000e+00	0.0000e+00	1.1948e+02	-9.6785e+00	5.2870e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	1.2489e+02	-1.0912e+01	4.8224e-01
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	1.2609e+02	-1.3603e+01	-7.9465e-01
	977	0.0000e+00	0.0000e+00	0.0000e+00	1.2112e+02	-1.3028e+01	-2.2256e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	1.1954e+02	-1.0175e+01	-1.3570e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	1.2504e+02	-1.1494e+01	7.3967e-02
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	1.2722e+02	-1.7272e+01	-9.5885e-01
	976	0.0000e+00	0.0000e+00	0.0000e+00	1.2267e+02	-1.7487e+01	-2.1440e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	1.2125e+02	-1.4192e+01	-1.9038e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	1.2647e+02	-1.4931e+01	-7.1867e-01
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	1.2561e+02	-1.7648e+01	-1.4796e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	1.2129e+02	-1.8277e+01	-5.5938e-02
	976	0.0000e+00	0.0000e+00	0.0000e+00	1.2237e+02	-1.7960e+01	-3.7634e-01
	970	0.0000e+00	0.0000e+00	0.0000e+00	1.2714e+02	-1.7891e+01	-1.8000e+00
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	1.2263e+02	-2.0416e+01	1.8217e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	1.2795e+02	-1.8563e+01	7.9927e-01
	366	0.0000e+00	0.0000e+00	0.0000e+00	1.2643e+02	-1.8178e+01	3.0358e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	1.2227e+02	-2.1200e+01	4.0583e+00
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	1.2098e+02	-1.5324e+01	-1.4060e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	1.2689e+02	-1.5363e+01	1.4197e-01
	975	0.0000e+00	0.0000e+00	0.0000e+00	1.2769e+02	-1.7678e+01	9.8676e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	1.2303e+02	-1.9558e+01	-5.6123e-01
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	1.1924e+02	-1.0564e+01	-1.3480e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	1.2513e+02	-1.1635e+01	2.2048e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	1.2623e+02	-1.3835e+01	-2.9469e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	1.2102e+02	-1.3783e+01	-1.8632e+00
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	1.1911e+02	-9.8226e+00	3.3100e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	1.2475e+02	-1.0917e+01	3.9797e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	1.2481e+02	-1.0939e+01	-6.0952e-01
	967	0.0000e+00	0.0000e+00	0.0000e+00	1.1918e+02	-9.8379e+00	-6.7649e-01
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	1.2075e+02	-1.3738e+01	1.4590e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	1.2602e+02	-1.3735e+01	2.8213e-02
	972	0.0000e+00	0.0000e+00	0.0000e+00	1.2504e+02	-1.1570e+01	-4.4166e-01
	966	0.0000e+00	0.0000e+00	0.0000e+00	1.1910e+02	-1.0542e+01	9.8915e-01
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	1.2254e+02	-1.9522e+01	2.7924e-02
	970	0.0000e+00	0.0000e+00	0.0000e+00	1.2733e+02	-1.7536e+01	-1.3745e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	1.2665e+02	-1.5225e+01	-4.3903e-01
	965	0.0000e+00	0.0000e+00	0.0000e+00	1.2064e+02	-1.5279e+01	9.6343e-01
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	1.2157e+02	-2.1257e+01	-4.7932e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	1.2588e+02	-1.8067e+01	-3.6208e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	1.2754e+02	-1.8398e+01	-1.2400e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	1.2206e+02	-2.0398e+01	-2.4124e+00
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	9.9388e+01	-2.7296e+01	1.9778e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	1.1992e+02	-2.3440e+01	8.1125e-01
	355	0.0000e+00	0.0000e+00	0.0000e+00	1.1898e+02	-2.3662e+01	6.0305e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	1.0145e+02	-3.1184e+01	5.4170e+00
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	9.5715e+01	-1.5265e+01	-4.9189e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	1.1678e+02	-1.7067e+01	-1.5917e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	1.1838e+02	-2.0886e+01	-7.9803e-01
	963	0.0000e+00	0.0000e+00	0.0000e+00	1.0022e+02	-2.4419e+01	-4.1251e+00
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	9.3654e+01	-7.1680e+00	-2.8325e+00



	967	0.0000e+00	0.0000e+00	0.0000e+00	1.1377e+02	-1.1102e+01	-6.6560e-01
	968	0.0000e+00	0.0000e+00	0.0000e+00	1.1533e+02	-1.4310e+01	-3.2177e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	9.6067e+01	-1.2680e+01	-5.3845e+00
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	9.3647e+01	-6.1294e+00	1.5021e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	1.1316e+02	-1.0030e+01	1.5873e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	1.1324e+02	-1.0024e+01	-2.0003e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	9.3726e+01	-6.1034e+00	-2.0854e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	9.5729e+01	-1.2763e+01	4.7293e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	1.1505e+02	-1.4314e+01	2.7379e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	1.1364e+02	-1.1084e+01	2.4167e-01
	960	0.0000e+00	0.0000e+00	0.0000e+00	9.3480e+01	-7.1931e+00	2.2331e+00
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	9.9601e+01	-2.4583e+01	3.3191e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	1.1787e+02	-2.0925e+01	1.8171e-01
	965	0.0000e+00	0.0000e+00	0.0000e+00	1.1643e+02	-1.7051e+01	1.0788e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	9.5279e+01	-1.5349e+01	4.2162e+00
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	1.0056e+02	-3.1526e+01	-6.4284e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	1.1822e+02	-2.3824e+01	-6.8532e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	1.1934e+02	-2.3472e+01	-1.4853e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	9.8663e+01	-2.7472e+01	-1.0606e+00
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	4.4767e+01	-4.1469e+01	-5.5922e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	9.1752e+01	-3.3817e+01	-2.2305e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	9.2050e+01	-3.7247e+01	7.7486e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	5.0638e+01	-5.1349e+01	4.3869e+00
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	4.3365e+01	-1.8488e+01	-8.5410e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	8.5229e+01	-1.7506e+01	-4.9688e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	8.6378e+01	-2.7422e+01	-6.6457e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	4.8771e+01	-2.2785e+01	-1.0218e+01
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	4.3689e+01	-3.5366e+00	-3.4313e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	8.1372e+01	-7.7479e+00	-1.9773e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	8.2689e+01	-1.3944e+01	-7.7196e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	4.5041e+01	-5.6375e+00	-9.1736e+00
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	4.4123e+01	6.7689e-01	2.8853e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	8.0551e+01	-6.5747e+00	2.9862e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	8.0649e+01	-6.5324e+00	-3.6499e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	4.4209e+01	6.8256e-01	-3.7508e+00
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	4.4663e+01	-5.8052e+00	8.2254e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	8.2337e+01	-1.4074e+01	6.9749e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	8.1224e+01	-7.7888e+00	1.3001e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	4.3481e+01	-3.6865e+00	2.5506e+00
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	4.8083e+01	-2.3128e+01	9.0873e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	8.5757e+01	-2.7658e+01	5.7326e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	8.4819e+01	-1.7638e+01	4.1860e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	4.2865e+01	-1.8796e+01	7.5407e+00
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	4.9646e+01	-5.1836e+01	-5.7198e+00
	244	0.0000e+00	0.0000e+00	0.0000e+00	9.1103e+01	-3.7680e+01	-8.8467e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	9.1041e+01	-3.4043e+01	1.2629e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	4.3972e+01	-4.1925e+01	4.3898e+00
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	-4.7854e+01	3.5937e+01	-5.3257e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	1.3782e+01	-4.8674e+01	6.6952e+00
	324	0.0000e+00	0.0000e+00	0.0000e+00	6.0048e+01	-6.0737e+01	4.1321e+00
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.2062e+01	-1.3976e+02	-7.8888e+00
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	-3.7947e+01	3.5609e+01	-2.2779e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	1.2546e+01	-1.6906e+01	-1.1459e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	2.6797e+01	-3.2232e+01	-3.9557e+00
	957	0.0000e+00	0.0000e+00	0.0000e+00	-5.0122e+01	-7.8622e+01	-5.0876e+00
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	-3.2088e+01	2.4498e+01	-5.8735e-01
	952	0.0000e+00	0.0000e+00	0.0000e+00	1.6577e+01	-3.1978e+00	-8.5084e-01
	954	0.0000e+00	0.0000e+00	0.0000e+00	2.2478e+01	-1.0928e+01	-3.9163e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	-3.8472e+01	-3.1942e+01	-3.6528e+00
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-3.2325e+01	1.6815e+00	9.5607e-01
	950	0.0000e+00	0.0000e+00	0.0000e+00	1.9906e+01	-1.4295e+00	1.0484e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	1.9934e+01	-1.3711e+00	-2.1046e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	-3.2185e+01	2.3916e+00	-2.1970e+00

1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-3.8953e+01	-3.2926e+01	2.3413e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	2.2169e+01	-1.1178e+01	2.7799e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	1.6317e+01	-3.3313e+00	-2.2347e-01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-3.2296e+01	2.4964e+01	-6.6202e-01
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-5.0906e+01	-7.9927e+01	3.6235e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	2.6252e+01	-3.2668e+01	2.6297e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	1.2008e+01	-1.7253e+01	-4.9130e-02
	949	0.0000e+00	0.0000e+00	0.0000e+00	-3.8485e+01	3.5846e+01	9.4462e-01
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.2646e+01	-1.4147e+02	6.1751e+00
	234	0.0000e+00	0.0000e+00	0.0000e+00	5.8956e+01	-6.1337e+01	-5.7927e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	1.3001e+01	-4.9177e+01	-8.0783e+00
	947	0.0000e+00	0.0000e+00	0.0000e+00	-4.8650e+01	3.5939e+01	3.8895e+00
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	-9.6573e+01	-1.1846e+02	3.7491e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	-2.0345e+02	-2.7393e+01	4.4385e+01
	18	0.0000e+00	0.0000e+00	0.0000e+00	-2.7176e+02	-3.2774e+02	2.1523e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-1.4420e+01	-1.9111e+02	1.4630e+01
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	-8.6781e+01	2.0120e+01	4.1600e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	-1.2001e+02	3.0410e+01	1.2965e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	-1.6659e+02	-3.9659e+01	3.1293e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-9.7668e+01	-6.5900e+01	5.9928e+01
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	-6.1905e+01	6.4584e+01	2.2506e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	-7.8793e+01	7.2926e+01	4.7979e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	-1.0289e+02	4.2604e+01	1.7647e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	-7.3342e+01	2.5336e+01	3.5356e+01
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	-4.9995e+01	7.9204e+01	5.1906e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	-6.2706e+01	8.7794e+01	-1.4242e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	-7.1146e+01	7.7674e+01	8.5184e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	-5.4830e+01	6.6447e+01	1.5133e+01
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	-5.1680e+01	7.1713e+01	-1.1731e+01
	941	0.0000e+00	0.0000e+00	0.0000e+00	-6.7193e+01	8.2444e+01	-7.8591e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	-6.1910e+01	8.8269e+01	1.8991e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	-4.9192e+01	7.9550e+01	-1.9730e+00
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	-6.6067e+01	3.7959e+01	-3.1124e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-9.3337e+01	5.4074e+01	-1.6520e+01
	941	0.0000e+00	0.0000e+00	0.0000e+00	-7.3075e+01	7.8814e+01	-4.3135e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	-5.7021e+01	7.0599e+01	-1.8917e+01
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	-8.6334e+01	-4.1181e+01	-5.4229e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-1.4928e+02	-1.7024e+01	-2.9265e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.0806e+02	4.3648e+01	-1.2188e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-7.7447e+01	3.3767e+01	-3.7151e+01
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	-1.2444e+01	-1.4979e+02	-1.3814e+01
	17	0.0000e+00	0.0000e+00	0.0000e+00	-2.4040e+02	-2.7296e+02	-2.0671e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-1.8193e+02	-5.9036e+00	-4.1393e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	-8.4684e+01	-8.7774e+01	-3.4535e+01
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	2.7426e+01	-8.3641e+01	3.7297e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-5.6268e+01	-1.0517e+02	5.2188e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-3.2919e+01	-1.5489e+02	1.8175e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	3.3962e+01	-1.0862e+02	3.2841e+00
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	1.9021e-01	-7.6214e+00	4.0999e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	-5.4999e+01	2.3311e+00	5.2787e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-3.9741e+01	-4.8439e+01	6.0609e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	8.5895e+00	-5.4077e+01	4.8821e+01
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	-9.3002e+00	3.9307e+01	2.6000e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	-4.3090e+01	5.4722e+01	2.6231e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	-4.7999e+01	2.8681e+01	4.4537e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	-3.9270e+00	7.6099e+00	4.4306e+01
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	-9.1492e+00	5.7147e+01	5.1620e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	-3.6238e+01	7.3804e+01	3.8741e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	-3.9553e+01	6.4729e+01	2.1985e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	-8.4191e+00	4.5289e+01	2.3273e+01
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	-7.2544e+00	5.0892e+01	-1.7118e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-3.6967e+01	6.9574e+01	-1.7190e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-3.5697e+01	7.4630e+01	6.8204e-01

	928	0.0000e+00	0.0000e+00	0.0000e+00	-8.6693e+00	5.7691e+01	7.5399e-01
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	-1.8585e+00	2.0554e+01	-3.7828e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-4.2636e+01	4.0550e+01	-3.8928e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-3.9393e+01	6.1582e+01	-2.1199e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	-7.3099e+00	4.6241e+01	-2.0098e+01
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	1.0166e+01	-3.1955e+01	-4.3583e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	-3.4160e+01	-2.5908e+01	-5.4582e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-4.8408e+01	1.7684e+01	-4.6439e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	2.3389e+00	7.4999e+00	-3.5439e+01
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	3.2856e+01	-7.8651e+01	-5.1906e+00
	861	0.0000e+00	0.0000e+00	0.0000e+00	-2.8492e+01	-1.1795e+02	-1.8093e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	-4.8588e+01	-7.5782e+01	-4.6917e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	2.7059e+01	-5.7634e+01	-3.4014e+01
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	7.3667e+01	-5.2529e+01	2.1290e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	3.0926e+01	-6.7405e+01	2.9976e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	4.4341e+01	-9.0689e+01	8.8908e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	7.7685e+01	-6.3540e+01	2.0437e-01
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	5.5643e+01	-1.4411e+01	2.8847e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	1.5063e+01	-8.2226e+00	4.3387e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	3.5233e+01	-4.7183e+01	4.1661e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	6.4652e+01	-3.7556e+01	2.7122e+01
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	4.1662e+01	1.9313e+01	2.0428e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	8.3319e+00	3.3305e+01	2.8743e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	1.7646e+01	8.5188e+00	4.0388e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	4.9037e+01	-7.0015e-01	3.2073e+01
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	3.6480e+01	3.5290e+01	4.0702e+00
	928	0.0000e+00	0.0000e+00	0.0000e+00	7.5430e+00	5.1655e+01	6.4310e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	9.6300e+00	4.2551e+01	2.2701e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	3.9131e+01	2.6489e+01	2.0340e+01
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	3.8908e+01	3.1813e+01	-1.3672e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	1.0276e+01	4.7675e+01	-1.6026e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	7.8422e+00	5.2642e+01	2.6132e-01
	921	0.0000e+00	0.0000e+00	0.0000e+00	3.6619e+01	3.6042e+01	2.6150e+00
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	4.8321e+01	1.1042e+01	-2.6161e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	1.8477e+01	2.0769e+01	-3.3966e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	9.5928e+00	4.0606e+01	-2.1927e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	4.1541e+01	2.6337e+01	-1.4121e+01
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	6.2858e+01	-1.9422e+01	-2.3904e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	3.4814e+01	-2.6303e+01	-3.7151e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	1.6563e+01	6.6158e+00	-3.7026e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	5.4525e+01	-5.1419e-01	-2.3779e+01
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	7.5038e+01	-4.1201e+01	-2.5032e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	4.2986e+01	-6.3159e+01	-1.0331e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	3.1283e+01	-4.3763e+01	-2.7130e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	7.1030e+01	-3.2240e+01	-1.9301e+01
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	1.0067e+02	-3.3461e+01	1.1546e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	7.6752e+01	-4.2618e+01	1.6032e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	8.3737e+01	-5.3786e+01	3.9905e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	1.0269e+02	-3.8943e+01	-4.9526e-01
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	8.9917e+01	-1.3055e+01	1.7276e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	6.3827e+01	-1.1125e+01	2.7369e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	7.7904e+01	-3.3172e+01	2.4544e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	9.6097e+01	-2.5611e+01	1.4450e+01
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	7.8958e+01	8.2330e+00	1.3083e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	5.3848e+01	1.7376e+01	2.1364e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	6.4473e+01	-5.2996e-01	2.7611e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	8.4954e+01	-3.8378e+00	1.9330e+01
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	7.3597e+01	2.0034e+01	3.0199e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	5.0288e+01	3.1755e+01	6.2057e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	5.4086e+01	2.4106e+01	1.7117e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	7.6193e+01	1.4080e+01	1.3931e+01
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	7.5418e+01	1.8758e+01	-7.8715e+00
	920	0.0000e+00	0.0000e+00	0.0000e+00	5.3550e+01	2.9063e+01	-1.0351e+01

	921	0.0000e+00	0.0000e+00	0.0000e+00	5.0439e+01	3.2708e+01	7.6883e-01
	914	0.0000e+00	0.0000e+00	0.0000e+00	7.3552e+01	2.0849e+01	3.2482e+00
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	8.3360e+01	6.1623e+00	-1.4388e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	6.3211e+01	1.0620e+01	-2.1823e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	5.3641e+01	2.4278e+01	-1.4727e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	7.8010e+01	1.4593e+01	-7.2928e+00
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	9.3883e+01	-1.1077e+01	-1.2039e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	7.5748e+01	-1.6038e+01	-2.1341e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	6.2971e+01	1.9303e+00	-2.2175e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	8.7990e+01	-1.3698e+00	-1.2872e+01
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	1.0077e+02	-2.2045e+01	-1.1376e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	8.1549e+01	-3.3048e+01	-5.6530e+00
	918	0.0000e+00	0.0000e+00	0.0000e+00	7.5085e+01	-2.4101e+01	-1.4382e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	9.8177e+01	-1.7706e+01	-9.8661e+00
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	1.1657e+02	-2.3266e+01	5.9773e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	1.0328e+02	-2.7876e+01	8.1312e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	1.0664e+02	-3.3729e+01	2.1924e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	1.1753e+02	-2.6501e+01	3.8483e-02
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	1.0990e+02	-1.0832e+01	8.7214e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	9.4750e+01	-1.0197e+01	1.5256e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	1.0343e+02	-2.2997e+01	1.3455e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	1.1434e+02	-1.8771e+01	6.9198e+00
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	1.0225e+02	3.2565e+00	6.9067e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	8.6536e+01	8.1058e+00	1.3200e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	9.4499e+01	-3.7565e+00	1.6152e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	1.0692e+02	-4.7911e+00	9.8588e+00
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	9.8135e+01	1.1813e+01	2.1916e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	8.2910e+01	1.8352e+01	4.9425e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	8.6268e+01	1.2652e+01	1.0791e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	1.0030e+02	7.5336e+00	8.0405e+00
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	9.9463e+01	1.1574e+01	-2.8460e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	8.5351e+01	1.7102e+01	-4.7289e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	8.2988e+01	1.9186e+01	1.3581e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	9.8048e+01	1.2582e+01	3.2410e+00
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	1.0538e+02	3.6775e+00	-5.6073e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	9.2799e+01	5.7976e+00	-1.1157e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	8.5809e+01	1.4168e+01	-7.3953e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	1.0123e+02	8.7901e+00	-1.8453e+00
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	1.1268e+02	-6.9158e+00	-4.4733e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	1.0139e+02	-9.2070e+00	-1.0701e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	9.3345e+01	7.1908e-01	-1.0944e+01
	905	0.0000e+00	0.0000e+00	0.0000e+00	1.0822e+02	-1.0894e+00	-4.7155e+00
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	1.1687e+02	-1.3277e+01	-2.0665e-01
	837	0.0000e+00	0.0000e+00	0.0000e+00	1.0534e+02	-1.7900e+01	-2.9905e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	1.0168e+02	-1.3356e+01	-6.6328e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	1.1495e+02	-1.0720e+01	-3.8490e+00
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	1.2341e+02	-1.9552e+01	2.5841e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	1.1837e+02	-2.0762e+01	3.7241e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	1.1984e+02	-2.4217e+01	2.1680e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.2423e+02	-2.2325e+01	1.0280e+00
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	1.1836e+02	-9.3956e+00	2.3465e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	1.1256e+02	-9.2631e+00	7.0851e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	1.1795e+02	-1.7529e+01	6.5405e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	1.2248e+02	-1.6311e+01	1.8019e+00
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	1.1253e+02	2.1328e+00	1.9783e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	1.0617e+02	3.5918e+00	6.8541e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	1.1169e+02	-4.6610e+00	7.6530e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	1.1680e+02	-4.7941e+00	2.7772e+00
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	1.0944e+02	9.2335e+00	1.5014e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	1.0301e+02	1.1313e+01	3.7426e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	1.0555e+02	7.0006e+00	5.5220e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	1.1140e+02	5.5340e+00	3.2807e+00
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	1.1065e+02	9.1498e+00	1.1380e+00

	906	0.0000e+00	0.0000e+00	0.0000e+00	1.0466e+02	1.0921e+01	-3.0213e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	1.0305e+02	1.2035e+01	1.6431e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	1.0937e+02	9.9286e+00	3.0832e+00
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	1.1554e+02	2.7009e+00	1.1054e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	1.1021e+02	3.5198e+00	-3.2026e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	1.0540e+02	8.8666e+00	-1.8817e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	1.1170e+02	7.0527e+00	2.4264e+00
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	1.2137e+02	-6.0285e+00	1.1655e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	1.1653e+02	-6.1551e+00	-3.5647e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	1.1131e+02	-3.5797e-02	-3.1955e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	1.1711e+02	-8.9819e-01	1.5346e+00
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	1.2442e+02	-1.1180e+01	7.0126e-01
	829	0.0000e+00	0.0000e+00	0.0000e+00	1.1965e+02	-1.1660e+01	-1.3757e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	1.1737e+02	-8.9598e+00	-1.6595e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	1.2252e+02	-8.8739e+00	4.1751e-01
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	1.1929e+02	-2.1274e+01	-4.4283e-01
	903	0.0000e+00	0.0000e+00	0.0000e+00	1.2382e+02	-1.9642e+01	7.7284e-01
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.2458e+02	-2.2417e+01	2.9284e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.2097e+02	-2.5081e+01	1.7127e+00
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	1.1398e+02	-8.8187e+00	-3.5059e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	1.1864e+02	-9.2163e+00	1.0863e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	1.2260e+02	-1.6306e+01	1.4695e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	1.1924e+02	-1.7468e+01	-3.1227e+00
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	1.0876e+02	3.8969e+00	-2.3920e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	1.1282e+02	2.4340e+00	2.0325e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	1.1703e+02	-4.7545e+00	8.7533e-01
	895	0.0000e+00	0.0000e+00	0.0000e+00	1.1343e+02	-3.9112e+00	-3.5491e+00
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	1.0629e+02	1.1225e+01	9.1246e-01
	900	0.0000e+00	0.0000e+00	0.0000e+00	1.0984e+02	9.4259e+00	2.8878e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	1.1183e+02	5.6054e+00	1.1039e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	1.0826e+02	7.3613e+00	-8.7141e-01
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	1.0758e+02	1.0801e+01	4.6341e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	1.1107e+02	9.1732e+00	3.3705e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	1.0985e+02	1.0079e+01	1.6499e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	1.0627e+02	1.1880e+01	2.9136e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	1.1229e+02	3.2322e+00	7.2025e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	1.1582e+02	2.5982e+00	3.2627e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	1.1212e+02	7.2231e+00	2.2766e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	1.0808e+02	8.5546e+00	6.2164e+00
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	1.1823e+02	-7.6571e+00	6.7144e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	1.2160e+02	-6.2661e+00	2.0784e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	1.1758e+02	-9.3314e-01	2.6955e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	1.1294e+02	-7.7201e-01	7.3315e+00
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	1.2113e+02	-1.4534e+01	1.9347e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	1.2491e+02	-1.1610e+01	-2.1950e-01
	897	0.0000e+00	0.0000e+00	0.0000e+00	1.2316e+02	-9.2493e+00	2.2113e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.1856e+02	-1.1171e+01	4.3655e+00
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	9.8136e+01	-2.7990e+01	-4.7739e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	1.1730e+02	-2.4112e+01	-2.3287e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.1837e+02	-2.7792e+01	3.6150e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	1.0197e+02	-3.5760e+01	1.1698e+00
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	9.1938e+01	-7.3006e+00	-9.8869e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	1.1054e+02	-9.8403e+00	-4.2127e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	1.1467e+02	-1.8867e+01	-3.9013e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	9.9193e+01	-2.2028e+01	-9.5755e+00
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	8.7721e+01	9.0423e+00	-6.1901e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	1.0435e+02	4.2001e+00	-1.9519e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	1.0835e+02	-4.2952e+00	-5.5799e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	9.2223e+01	-1.9062e+00	-9.8181e+00
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	8.6058e+01	1.7306e+01	5.6751e-01
	893	0.0000e+00	0.0000e+00	0.0000e+00	1.0152e+02	1.1849e+01	2.2936e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	1.0329e+02	7.6620e+00	-2.8666e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	8.7758e+01	1.2490e+01	-4.5927e+00

1722	885	0.0000e+00	0.0000e+00	0.0000e+00	8.7108e+01	1.6044e+01	7.7500e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	1.0260e+02	1.1107e+01	6.6980e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	1.0153e+02	1.2483e+01	1.5231e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	8.6064e+01	1.7860e+01	2.5751e+00
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	9.1013e+01	5.4823e+00	1.3150e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	1.0719e+02	2.8264e+00	9.4540e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	1.0368e+02	8.8555e+00	5.7243e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	8.7108e+01	1.3633e+01	9.4203e+00
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	9.7708e+01	-1.1653e+01	1.3471e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.1356e+02	-9.1018e+00	7.9896e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	1.0943e+02	-1.7235e+00	7.9630e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	9.0840e+01	8.8038e-01	1.3444e+01
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	1.0109e+02	-2.4427e+01	3.9528e+00
	813	0.0000e+00	0.0000e+00	0.0000e+00	1.1827e+02	-1.7305e+01	9.0604e-01
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.1635e+02	-1.3858e+01	6.1924e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	9.6901e+01	-1.7273e+01	9.2391e+00
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	4.6372e+01	-4.4043e+01	-1.2567e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	9.2235e+01	-3.4582e+01	-7.8852e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	9.3246e+01	-4.2339e+01	3.3978e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	5.4756e+01	-5.5368e+01	-1.2836e+00
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	4.4743e+01	-1.1569e+01	-1.4619e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	8.3402e+01	-8.6355e+00	-1.0235e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	8.4824e+01	-2.5116e+01	-1.2797e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	5.2120e+01	-1.7076e+01	-1.7181e+01
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	4.5285e+01	1.2217e+01	-7.6543e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	7.7957e+01	9.4985e+00	-5.5781e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	7.9917e+01	-2.9189e+00	-1.2659e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	4.7491e+01	8.4764e+00	-1.4735e+01
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	4.5872e+01	2.4501e+01	9.8105e-01
	886	0.0000e+00	0.0000e+00	0.0000e+00	7.5801e+01	1.8049e+01	1.7621e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	7.6588e+01	1.2675e+01	-6.5322e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	4.6653e+01	2.2755e+01	-7.3132e+00
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	4.6000e+01	2.5543e+01	9.8113e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	7.6060e+01	1.6219e+01	9.6088e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	7.5694e+01	1.8638e+01	1.2804e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	4.5959e+01	2.5914e+01	1.4828e+00
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	4.6173e+01	1.5374e+01	1.7440e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	7.8812e+01	4.4802e+00	1.5953e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	7.7188e+01	1.4202e+01	8.6851e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	4.4813e+01	1.7795e+01	1.0171e+01
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	4.9879e+01	-6.3517e+00	2.0647e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	8.3371e+01	-1.4666e+01	1.6837e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	8.1965e+01	-1.5821e-01	1.3611e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	4.3639e+01	-2.0432e+00	1.7422e+01
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	5.2043e+01	-4.1578e+01	6.9822e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	9.1822e+01	-3.0774e+01	2.4839e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	9.0381e+01	-2.3243e+01	1.2054e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	4.4456e+01	-3.1515e+01	1.6553e+01
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	-3.7961e+01	5.1480e+01	-9.0547e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	1.3633e+01	-4.9087e+01	3.6141e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	6.9211e+01	-6.7520e+01	4.3611e-01
	7	0.0000e+00	0.0000e+00	0.0000e+00	-6.8114e+01	-1.6175e+02	-1.2233e+01
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	-2.5638e+01	6.1012e+01	-5.1154e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	1.4194e+01	-7.8234e+00	-4.1810e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	3.3668e+01	-2.7874e+01	-7.6676e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	-4.3237e+01	-8.9760e+01	-8.6020e+00
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	-1.7223e+01	5.8874e+01	-2.0232e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	1.9863e+01	1.4746e+01	-2.2402e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	3.0301e+01	2.4206e+00	-6.3827e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	-2.8096e+01	-3.3450e+01	-6.1658e+00
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	-1.4825e+01	4.5208e+01	1.6145e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	2.4457e+01	2.4968e+01	1.8134e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	2.8580e+01	2.0130e+01	-2.6776e+00

	878	0.0000e+00	0.0000e+00	0.0000e+00	-1.8548e+01	8.8410e+00	-2.8765e+00
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	-1.8461e+01	1.9841e+01	5.4415e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	2.6981e+01	2.3385e+01	6.2872e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	2.5526e+01	2.5935e+01	1.8021e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	-1.5308e+01	3.8419e+01	9.5638e-01
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	-2.8514e+01	-1.8342e+01	8.7136e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	2.8050e+01	9.8098e+00	1.0065e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	2.0360e+01	1.9940e+01	5.9140e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	-1.8111e+01	5.6365e+01	4.5624e+00
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	-4.4552e+01	-7.0816e+01	1.1187e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	3.0229e+01	-1.6651e+01	1.1731e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	1.3846e+01	1.5598e+00	8.1155e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	-2.7080e+01	6.2930e+01	7.5723e+00
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	-7.2725e+01	-1.4001e+02	1.4999e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	6.3244e+01	-5.3653e+01	5.1988e+00
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.1424e+01	-3.5665e+01	1.3253e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	-4.0574e+01	5.8411e+01	1.1126e+01
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	-8.4682e+01	-8.7724e+01	3.4544e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	-1.8189e+02	-5.8966e+00	4.1385e+01
	17	0.0000e+00	0.0000e+00	0.0000e+00	-2.4037e+02	-2.7283e+02	2.0702e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	-1.2471e+01	-1.4977e+02	1.3861e+01
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	-7.7431e+01	3.3780e+01	3.7151e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	-1.0804e+02	4.3660e+01	1.2188e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	-1.4925e+02	-1.6998e+01	2.9265e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	-8.6320e+01	-4.1154e+01	5.4228e+01
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	-5.7004e+01	7.0604e+01	1.8917e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	-7.3060e+01	7.8820e+01	4.3140e+00
	867	0.0000e+00	0.0000e+00	0.0000e+00	-9.3319e+01	5.4084e+01	1.6520e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	-6.6052e+01	3.7971e+01	3.1123e+01
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	-4.9175e+01	7.9550e+01	1.9728e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	-6.1896e+01	8.8270e+01	-1.8993e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	-6.7178e+01	8.2448e+01	7.8594e+00
	858	0.0000e+00	0.0000e+00	0.0000e+00	-5.1664e+01	7.1718e+01	1.1732e+01
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	-5.4812e+01	6.6441e+01	-1.5135e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-7.1134e+01	7.7670e+01	-8.5202e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	-6.2693e+01	8.7794e+01	1.4241e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	-4.9977e+01	7.9203e+01	-5.1909e+00
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	-7.3323e+01	2.5320e+01	-3.5361e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.0289e+02	4.2593e+01	-1.7652e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-7.8782e+01	7.2920e+01	-4.7994e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	-6.1888e+01	6.4576e+01	-2.2509e+01
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	-9.7646e+01	-6.5932e+01	-5.9937e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-1.6659e+02	-3.9685e+01	-3.1301e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.2001e+02	3.0395e+01	-1.2969e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-8.6763e+01	2.0103e+01	-4.1604e+01
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	-1.4369e+01	-1.9113e+02	-1.4589e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	-2.7174e+02	-3.2788e+02	-2.1506e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-2.0346e+02	-2.7409e+01	-4.4406e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	-9.6537e+01	-1.1851e+02	-3.7490e+01
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	2.7056e+01	-5.7618e+01	3.4027e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	-4.8588e+01	-7.5746e+01	4.6931e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	-2.8488e+01	-1.1795e+02	1.8118e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	3.2853e+01	-7.8645e+01	5.2136e+00
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	2.3461e+00	7.5135e+00	3.5447e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	-4.8396e+01	1.7700e+01	4.6438e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	-3.4160e+01	-2.5887e+01	5.4586e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	1.0169e+01	-3.1941e+01	4.3595e+01
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	-7.2927e+00	4.6247e+01	2.0103e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	-3.9377e+01	6.1589e+01	2.1199e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	-4.2623e+01	4.0561e+01	3.8929e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	-1.8473e+00	2.0564e+01	3.7833e+01
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	-8.6458e+00	5.7690e+01	-7.5083e-01
	857	0.0000e+00	0.0000e+00	0.0000e+00	-3.5678e+01	7.4631e+01	-6.8219e-01

	858	0.0000e+00	0.0000e+00	0.0000e+00	-3.6950e+01	6.9577e+01	1.7190e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	-7.2356e+00	5.0896e+01	1.7122e+01
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	-8.3901e+00	4.5280e+01	-2.3271e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	-3.9531e+01	6.4723e+01	-2.1987e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	-3.6218e+01	7.3802e+01	-3.8742e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	-9.1246e+00	5.7144e+01	-5.1590e+00
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	-3.8920e+00	7.5935e+00	-4.4307e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-4.7974e+01	2.8667e+01	-4.4542e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	-4.3068e+01	5.4713e+01	-2.6233e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	-9.2699e+00	3.9296e+01	-2.5998e+01
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	8.6297e+00	-5.4098e+01	-4.8818e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	-3.9705e+01	-4.8467e+01	-6.0612e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-5.4974e+01	2.3114e+00	-5.2793e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	2.2850e-01	-7.6417e+00	-4.0999e+01
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	3.4001e+01	-1.0864e+02	-3.2757e+00
	431	0.0000e+00	0.0000e+00	0.0000e+00	-3.2891e+01	-1.5490e+02	-1.8161e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	-5.6233e+01	-1.0521e+02	-5.2180e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	2.7470e+01	-8.3663e+01	-3.7295e+01
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	7.1034e+01	-3.2233e+01	1.9322e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	3.1285e+01	-4.3751e+01	2.7148e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	4.2988e+01	-6.3155e+01	1.0353e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	7.5037e+01	-4.1199e+01	2.5272e+00
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	5.4536e+01	-5.0587e-01	2.3795e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	1.6573e+01	6.6273e+00	3.7036e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	3.4817e+01	-2.6291e+01	3.7165e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	6.2864e+01	-1.9414e+01	2.3924e+01
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	4.1562e+01	2.6341e+01	1.4134e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	9.6112e+00	4.0612e+01	2.1933e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	1.8489e+01	2.0778e+01	3.3975e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	4.8336e+01	1.1048e+01	2.6176e+01
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	3.6649e+01	3.6040e+01	-2.6045e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	7.8676e+00	5.2641e+01	-2.5687e-01
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.0296e+01	4.7678e+01	1.6032e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	3.8932e+01	3.1814e+01	1.3684e+01
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	3.9170e+01	2.6478e+01	-2.0332e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	9.6621e+00	4.2543e+01	-2.2698e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	7.5702e+00	5.1651e+01	-6.4266e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	3.6513e+01	3.5284e+01	-4.0602e+00
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	4.9083e+01	-7.1711e-01	-3.2067e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	1.7684e+01	8.5029e+00	-4.0387e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	8.3653e+00	3.3294e+01	-2.8741e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	4.1703e+01	1.9300e+01	-2.0420e+01
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	6.4702e+01	-3.7576e+01	-2.7117e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	3.5275e+01	-4.7204e+01	-4.1659e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	1.5103e+01	-8.2408e+00	-4.3384e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	5.5691e+01	-1.4430e+01	-2.8842e+01
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	7.7732e+01	-6.3556e+01	-2.0353e-01
	420	0.0000e+00	0.0000e+00	0.0000e+00	4.4378e+01	-9.0702e+01	-8.8863e+00
	846	0.0000e+00	0.0000e+00	0.0000e+00	3.0970e+01	-6.7425e+01	-2.9969e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	7.3716e+01	-5.2549e+01	-2.1287e+01
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	9.8184e+01	-1.7703e+01	9.8941e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	7.5089e+01	-2.4094e+01	1.4405e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	8.1551e+01	-3.3047e+01	5.6779e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	1.0078e+02	-2.2044e+01	1.1670e+00
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	8.8006e+01	-1.3653e+00	1.2897e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	6.2985e+01	1.9377e+00	2.2194e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	7.5755e+01	-1.6032e+01	2.1363e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	9.3892e+01	-1.1073e+01	1.2067e+01
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	7.8037e+01	1.4594e+01	7.3158e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	5.3664e+01	2.4281e+01	1.4742e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	6.3227e+01	1.0625e+01	2.1840e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	8.3379e+01	6.1652e+00	1.4414e+01
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	7.3591e+01	2.0844e+01	-3.2278e+00



	841	0.0000e+00	0.0000e+00	0.0000e+00	5.0472e+01	3.2706e+01	-7.5610e-01
	842	0.0000e+00	0.0000e+00	0.0000e+00	5.3575e+01	2.9063e+01	1.0366e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	7.5448e+01	1.8757e+01	7.8941e+00
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	7.6241e+01	1.4066e+01	-1.3914e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	5.4128e+01	2.4096e+01	-1.7107e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	5.0323e+01	3.1749e+01	-6.1932e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	7.3638e+01	2.0025e+01	-3.0001e+00
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	8.5011e+01	-3.8586e+00	-1.9317e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	6.4522e+01	-5.4691e-01	-2.7605e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	5.3892e+01	1.7363e+01	-2.1354e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	7.9009e+01	8.2168e+00	-1.3067e+01
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	9.6158e+01	-2.5636e+01	-1.4444e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	7.7957e+01	-3.3192e+01	-2.4541e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	6.3878e+01	-1.1145e+01	-2.7362e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	8.9975e+01	-1.3078e+01	-1.7266e+01
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	1.0275e+02	-3.8968e+01	4.9104e-01
	409	0.0000e+00	0.0000e+00	0.0000e+00	8.3787e+01	-5.3803e+01	-3.9926e+00
	838	0.0000e+00	0.0000e+00	0.0000e+00	7.6805e+01	-4.2638e+01	-1.6027e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	1.0073e+02	-3.3487e+01	-1.1544e+01
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	1.1496e+02	-1.0718e+01	3.8866e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	1.0169e+02	-1.3353e+01	6.6640e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	1.0534e+02	-1.7900e+01	3.0222e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	1.1687e+02	-1.3277e+01	2.4486e-01
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	1.0824e+02	-1.0868e+00	4.7520e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	9.3363e+01	7.2338e-01	1.0973e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	1.0140e+02	-9.2043e+00	1.0732e+01
	828	0.0000e+00	0.0000e+00	0.0000e+00	1.1269e+02	-6.9141e+00	4.5111e+00
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	1.0127e+02	8.7892e+00	1.8801e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	8.5838e+01	1.4169e+01	7.4217e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	9.2819e+01	5.7997e+00	1.1185e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	1.0541e+02	3.6783e+00	5.6439e+00
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	9.8093e+01	1.2574e+01	-3.2087e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	8.3028e+01	1.9181e+01	-1.3347e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	8.5383e+01	1.7100e+01	4.7546e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	9.9499e+01	1.1570e+01	2.8806e+00
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	1.0036e+02	7.5157e+00	-8.0125e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	8.6320e+01	1.2638e+01	-1.0772e+01
	833	0.0000e+00	0.0000e+00	0.0000e+00	8.2954e+01	1.8343e+01	-4.9195e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	9.8183e+01	1.1801e+01	-2.1601e+00
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	1.0699e+02	-4.8196e+00	-9.8385e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	9.4559e+01	-3.7782e+00	-1.6139e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	8.6590e+01	8.0882e+00	-1.3181e+01
	824	0.0000e+00	0.0000e+00	0.0000e+00	1.0231e+02	3.2346e+00	-6.8809e+00
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	1.1441e+02	-1.8807e+01	-6.9114e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	1.0350e+02	-2.3024e+01	-1.3450e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	9.4813e+01	-1.0222e+01	-1.5244e+01
	823	0.0000e+00	0.0000e+00	0.0000e+00	1.0997e+02	-1.0864e+01	-8.7049e+00
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	1.1761e+02	-2.6540e+01	-4.6106e-02
	398	0.0000e+00	0.0000e+00	0.0000e+00	1.0670e+02	-3.3756e+01	-2.1992e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	1.0335e+02	-2.7904e+01	-8.1274e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	1.1664e+02	-2.3304e+01	-5.9743e+00
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	1.2253e+02	-8.8716e+00	-3.6888e-01
	828	0.0000e+00	0.0000e+00	0.0000e+00	1.1738e+02	-8.9572e+00	1.7006e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	1.1965e+02	-1.1661e+01	1.4170e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	1.2442e+02	-1.1181e+01	-6.5251e-01
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	1.1713e+02	-8.9619e-01	-1.4861e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	1.1133e+02	-3.3217e-02	3.2358e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	1.1655e+02	-6.1538e+00	3.6054e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	1.2139e+02	-6.0274e+00	-1.1165e+00
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	1.1173e+02	7.0504e+00	-2.3784e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	1.0544e+02	8.8655e+00	1.9204e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	1.1023e+02	3.5200e+00	3.2423e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	1.1556e+02	2.7005e+00	-1.0565e+00

1785	817	0.0000e+00	0.0000e+00	0.0000e+00	1.0942e+02	9.9174e+00	-3.0374e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	1.0309e+02	1.2026e+01	-1.6071e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	1.0470e+02	1.0916e+01	3.4015e-01
	818	0.0000e+00	0.0000e+00	0.0000e+00	1.1069e+02	9.1437e+00	-1.0901e+00
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	1.1146e+02	5.5097e+00	-3.2401e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	1.0560e+02	6.9816e+00	-5.4912e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	1.0306e+02	1.1300e+01	-3.7077e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	1.0949e+02	9.2173e+00	-1.4566e+00
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	1.1687e+02	-4.8340e+00	-2.7467e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	1.1176e+02	-4.6915e+00	-7.6313e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	1.0623e+02	3.5675e+00	-6.8248e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	1.1260e+02	2.1027e+00	-1.9403e+00
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	1.2256e+02	-1.6365e+01	-1.7885e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	1.1803e+02	-1.7569e+01	-6.5328e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	1.1263e+02	-9.2985e+00	-7.0655e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	1.1844e+02	-9.4407e+00	-2.3212e+00
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	1.2431e+02	-2.2385e+01	-1.0379e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	1.1992e+02	-2.4261e+01	-2.1782e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	1.1845e+02	-2.0805e+01	-3.7190e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	1.2349e+02	-1.9609e+01	-2.5787e+00
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	1.1857e+02	-1.1168e+01	-4.3060e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	1.2317e+02	-9.2470e+00	-2.1590e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	1.2491e+02	-1.1611e+01	2.7152e-01
	813	0.0000e+00	0.0000e+00	0.0000e+00	1.2114e+02	-1.4534e+01	-1.8755e+00
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	1.1296e+02	-7.6938e-01	-7.2709e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	1.1760e+02	-9.3124e-01	-2.6429e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	1.2161e+02	-6.2649e+00	-2.0263e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	1.1824e+02	-7.6556e+00	-6.6543e+00
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	1.0811e+02	8.5517e+00	-6.1554e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	1.1215e+02	7.2204e+00	-2.2246e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	1.1584e+02	2.5978e+00	-3.2106e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	1.1231e+02	3.2317e+00	-7.1414e+00
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	1.0631e+02	1.1866e+01	-2.8542e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	1.0990e+02	1.0067e+01	-1.6002e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	1.1111e+02	9.1666e+00	-3.3193e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	1.0762e+02	1.0793e+01	-4.5733e+00
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	1.0832e+02	7.3300e+00	9.2565e-01
	816	0.0000e+00	0.0000e+00	0.0000e+00	1.1189e+02	5.5790e+00	-1.0599e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	1.0989e+02	9.4081e+00	-2.8397e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	1.0633e+02	1.1205e+01	-8.5422e-01
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	1.1350e+02	-3.9652e+00	3.5920e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	1.1711e+02	-4.7981e+00	-8.4252e-01
	816	0.0000e+00	0.0000e+00	0.0000e+00	1.1288e+02	2.4007e+00	-1.9912e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	1.0882e+02	3.8572e+00	2.4434e+00
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	1.1933e+02	-1.7545e+01	3.1444e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	1.2268e+02	-1.6366e+01	-1.4560e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	1.1872e+02	-9.2671e+00	-1.0577e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	1.1406e+02	-8.8815e+00	3.5427e+00
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	1.2106e+02	-2.5171e+01	-1.7233e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	1.2467e+02	-2.2484e+01	-2.9411e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	1.2391e+02	-1.9706e+01	-7.6451e-01
	806	0.0000e+00	0.0000e+00	0.0000e+00	1.1937e+02	-2.1357e+01	4.5325e-01
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	9.6906e+01	-1.7268e+01	-9.1711e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	1.1635e+02	-1.3856e+01	-6.1294e+00
	813	0.0000e+00	0.0000e+00	0.0000e+00	1.1827e+02	-1.7304e+01	-8.4405e-01
	805	0.0000e+00	0.0000e+00	0.0000e+00	1.0109e+02	-2.4426e+01	-3.8857e+00
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	9.0853e+01	8.8426e-01	-1.3373e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	1.0945e+02	-1.7214e+00	-7.8987e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	1.1357e+02	-9.0995e+00	-7.9269e+00
	804	0.0000e+00	0.0000e+00	0.0000e+00	9.7716e+01	-1.1649e+01	-1.3402e+01
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	8.7129e+01	1.3630e+01	-9.3487e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	1.0371e+02	8.8515e+00	-5.6598e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	1.0722e+02	2.8263e+00	-9.3902e+00

	803	0.0000e+00	0.0000e+00	0.0000e+00	9.1028e+01	5.4829e+00	-1.3079e+01
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	8.6094e+01	1.7843e+01	-2.5049e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	1.0158e+02	1.2467e+01	-1.4604e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	1.0263e+02	1.1099e+01	-6.6346e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	8.7131e+01	1.6036e+01	-7.6791e+00
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	8.7795e+01	1.2451e+01	4.6583e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	1.0334e+02	7.6269e+00	2.9241e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	1.0157e+02	1.1827e+01	-2.2331e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	8.6088e+01	1.7282e+01	-4.9895e-01
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	9.2269e+01	-1.9757e+00	9.8733e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	1.0842e+02	-4.3549e+00	5.6259e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	1.0440e+02	4.1571e+00	2.0052e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	8.7759e+01	8.9944e+00	6.2526e+00
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	9.9252e+01	-2.2135e+01	9.6092e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	1.1475e+02	-1.8953e+01	3.9243e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	1.1061e+02	-9.9102e+00	4.2518e+00
	799	0.0000e+00	0.0000e+00	0.0000e+00	9.1984e+01	-7.3808e+00	9.9367e+00
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	1.0204e+02	-3.5894e+01	-1.1788e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	1.1846e+02	-2.7894e+01	-3.6288e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	1.1739e+02	-2.4207e+01	2.3429e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	9.8192e+01	-2.8110e+01	4.7930e+00
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	4.4456e+01	-3.1503e+01	-1.6481e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	9.0384e+01	-2.3239e+01	-1.1983e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	9.1823e+01	-3.0773e+01	-2.4153e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	5.2043e+01	-4.1578e+01	-6.9130e+00
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	4.3640e+01	-2.0348e+00	-1.7345e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	8.1974e+01	-1.5523e-01	-1.3538e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	8.3377e+01	-1.4661e+01	-1.6766e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	4.9878e+01	-6.3474e+00	-2.0573e+01
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	4.4815e+01	1.7795e+01	-1.0095e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	7.7204e+01	1.4197e+01	-8.6110e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	7.8823e+01	4.4817e+00	-1.5880e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	4.6173e+01	1.5372e+01	-1.7364e+01
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	4.5959e+01	2.5899e+01	-1.4084e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	7.5716e+01	1.8617e+01	-1.2078e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	7.6078e+01	1.6211e+01	-9.5362e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	4.5999e+01	2.5529e+01	-9.7368e+00
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	4.6650e+01	2.2718e+01	7.3828e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	7.6615e+01	1.2630e+01	6.6004e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	7.5825e+01	1.8024e+01	-1.6923e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	4.5869e+01	2.4466e+01	-9.0995e-01
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	4.7484e+01	8.4060e+00	1.4796e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	7.9950e+01	-2.9962e+00	1.2718e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	7.7987e+01	9.4478e+00	5.6412e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	4.5278e+01	1.2151e+01	7.7191e+00
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	5.2114e+01	-1.7192e+01	1.7226e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	8.4864e+01	-2.5235e+01	1.2837e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	8.3440e+01	-8.7220e+00	1.0285e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	4.4729e+01	-1.1679e+01	1.4675e+01
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	5.4752e+01	-5.5559e+01	1.2792e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	9.3303e+01	-4.2491e+01	-3.4103e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	9.2290e+01	-3.4720e+01	7.9101e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	4.6354e+01	-4.4215e+01	1.2600e+01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	-4.0580e+01	5.8409e+01	-1.1059e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	1.1421e+01	-3.5654e+01	-1.2551e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	6.3238e+01	-5.3649e+01	-5.1347e+00
	6	0.0000e+00	0.0000e+00	0.0000e+00	-7.2722e+01	-1.3998e+02	-1.4938e+01
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	-2.7099e+01	6.2914e+01	-7.5034e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	1.3844e+01	1.5640e+00	-8.0437e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	3.0222e+01	-1.6643e+01	-1.1659e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	-4.4560e+01	-7.0787e+01	-1.1119e+01
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	-1.8144e+01	5.6328e+01	-4.4964e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	2.0355e+01	1.9933e+01	-5.8443e+00

	793	0.0000e+00	0.0000e+00	0.0000e+00	2.8040e+01	9.8110e+00	-9.9939e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	-2.8534e+01	-1.8313e+01	-8.6459e+00
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	-1.5358e+01	3.8348e+01	-8.9632e-01
	789	0.0000e+00	0.0000e+00	0.0000e+00	2.5518e+01	2.5911e+01	-1.7378e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	2.6965e+01	2.3374e+01	-6.2194e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	-1.8495e+01	1.9870e+01	-5.3779e+00
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.8620e+01	8.7219e+00	2.9270e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	2.8567e+01	2.0080e+01	2.7327e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	2.4432e+01	2.4936e+01	-1.7526e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	-1.4875e+01	4.5233e+01	-1.5583e+00
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-2.8195e+01	-3.3636e+01	6.2018e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	3.0281e+01	2.3325e+00	6.4239e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	1.9825e+01	1.4684e+01	2.2901e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.7293e+01	5.8892e+01	2.0681e+00
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-4.3370e+01	-9.0036e+01	8.6172e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	3.3636e+01	-2.8017e+01	7.6895e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	1.4139e+01	-7.9281e+00	4.2152e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-2.5735e+01	6.1016e+01	5.1428e+00
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-6.8370e+01	-1.6215e+02	1.2227e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	6.9253e+01	-6.7745e+01	-4.3866e-01
	783	0.0000e+00	0.0000e+00	0.0000e+00	1.3557e+01	-4.9267e+01	-3.6146e+00
	784	0.0000e+00	0.0000e+00	0.0000e+00	-3.8093e+01	5.1469e+01	9.0509e+00
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	-9.8746e+00	-1.0697e+01	6.2748e-01
	782	0.0000e+00	0.0000e+00	0.0000e+00	-3.6330e+01	3.0024e+01	9.5409e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	-8.7282e+01	-6.6954e+01	7.4222e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	5.7432e+01	-2.1615e+01	-1.4912e+00
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	-1.1028e+01	4.2223e+01	8.7580e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	-2.0679e+01	4.4760e+01	4.3119e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	-2.6608e+01	2.0801e+01	9.1121e+00
	772	0.0000e+00	0.0000e+00	0.0000e+00	-1.3257e+01	1.2873e+01	1.3558e+01
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	-9.0530e+00	6.2120e+01	2.1565e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.5003e+01	6.5683e+01	1.3785e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	-1.7111e+01	5.2052e+01	5.4670e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-8.3728e+00	4.6701e+01	6.2450e+00
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.1146e+01	7.1816e+01	-4.2926e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.6196e+01	7.6003e+01	-1.7311e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.4041e+01	6.9587e+01	2.2423e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-8.6010e+00	6.5112e+01	-3.1923e-01
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.8124e+01	7.2843e+01	-1.1641e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	-2.4024e+01	7.8247e+01	-5.1797e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.7574e+01	7.7865e+01	-7.9516e-01
	769	0.0000e+00	0.0000e+00	0.0000e+00	-1.2719e+01	7.3711e+01	-7.2561e+00
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	-3.0952e+01	6.4013e+01	-2.0688e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-3.9890e+01	7.1634e+01	-9.3609e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-2.7979e+01	7.8068e+01	-3.8941e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-2.2080e+01	7.3771e+01	-1.5221e+01
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	-5.0856e+01	4.0855e+01	-3.2788e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-6.6913e+01	5.2650e+01	-1.5036e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-4.7234e+01	6.8825e+01	-7.4132e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-3.7962e+01	6.4001e+01	-2.5165e+01
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	-7.8534e+01	-7.0408e+00	-4.9662e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.1004e+02	1.2638e+01	-2.3791e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-7.9212e+01	4.5425e+01	-1.2254e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-6.1895e+01	3.9953e+01	-3.8125e+01
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	-9.9705e+01	-1.0349e+02	-7.1927e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-1.8649e+02	-7.2361e+01	-3.8259e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.3046e+02	-1.9384e+00	-1.9352e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-9.3950e+01	-1.2024e+01	-5.3021e+01
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.6598e+01	-2.2110e+02	-1.4916e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-2.8997e+02	-3.7418e+02	-2.3740e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-2.2795e+02	-7.0382e+01	-5.4434e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-9.4811e+01	-1.5656e+02	-4.5610e+01
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	1.7264e+01	-3.1368e+00	1.4220e+00

	772	0.0000e+00	0.0000e+00	0.0000e+00	2.8385e+00	9.4175e+00	3.6494e+00
	773	0.0000e+00	0.0000e+00	0.0000e+00	-4.2863e+01	-2.6363e+01	2.6456e+00
	763	0.0000e+00	0.0000e+00	0.0000e+00	6.7052e+01	-1.1620e+01	4.1812e-01
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	1.4408e+01	3.4241e+01	5.9818e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-2.0283e+00	3.6269e+01	1.0920e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	8.9835e+00	1.7642e+01	1.3547e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	1.2458e+01	1.3944e+01	8.6087e+00
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	9.0995e+00	5.2506e+01	-1.1558e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-2.3716e+00	5.9251e+01	1.9331e+00
	771	0.0000e+00	0.0000e+00	0.0000e+00	-8.8005e-01	4.6981e+01	8.2283e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.3276e+01	4.0003e+01	5.1395e+00
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	5.5396e+00	6.1668e+01	-9.7183e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	-5.2866e+00	6.9808e+01	-6.5550e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	-2.2013e+00	6.3811e+01	5.8242e-01
	760	0.0000e+00	0.0000e+00	0.0000e+00	8.2586e+00	5.6391e+01	-2.5809e+00
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	1.5335e+00	6.1126e+01	-2.0340e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.1410e+01	7.1627e+01	-1.6152e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	-6.3509e+00	7.1058e+01	-7.8678e+00
	759	0.0000e+00	0.0000e+00	0.0000e+00	4.1584e+00	6.3499e+01	-1.2055e+01
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	-2.9864e+00	4.9931e+01	-3.3139e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	-2.1375e+01	6.3825e+01	-2.7817e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.3865e+01	6.9401e+01	-1.7697e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	-7.3254e-01	6.1233e+01	-2.3018e+01
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	-6.2250e+00	2.4694e+01	-4.7956e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-3.4921e+01	4.2815e+01	-4.2600e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	-2.5440e+01	5.6812e+01	-3.0108e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	-5.8781e+00	4.7701e+01	-3.5464e+01
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	-2.5306e+00	-1.9557e+01	-6.1559e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-4.8741e+01	3.4677e-01	-6.0276e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-4.0736e+01	2.7723e+01	-4.6685e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	-8.1811e+00	1.7998e+01	-4.7968e+01
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	1.0950e+01	-8.1445e+01	-5.7019e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-4.2617e+01	-8.1510e+01	-6.9665e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-5.6953e+01	-3.1667e+01	-6.8161e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	2.0822e+00	-3.5012e+01	-5.5515e+01
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	3.2660e+01	-1.3014e+02	-6.6260e+00
	665	0.0000e+00	0.0000e+00	0.0000e+00	-3.7623e+01	-1.8324e+02	-2.0057e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-5.7335e+01	-1.3777e+02	-5.8581e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	2.7728e+01	-1.0688e+02	-4.5150e+01
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	3.5814e+01	5.6174e-01	-1.8609e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	2.6050e+01	1.1382e+01	4.1601e-01
	763	0.0000e+00	0.0000e+00	0.0000e+00	-7.4041e+00	-1.5937e+01	1.3991e+00
	753	0.0000e+00	0.0000e+00	0.0000e+00	7.3446e+01	-7.2602e+00	-8.7787e-01
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	3.2965e+01	2.9283e+01	6.6753e-01
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.9526e+01	3.2188e+01	5.9733e+00
	762	0.0000e+00	0.0000e+00	0.0000e+00	2.9489e+01	1.5661e+01	8.1244e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	3.2738e+01	1.3876e+01	2.8186e+00
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	2.8249e+01	4.3784e+01	-5.1822e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.6061e+01	5.0785e+01	-1.2669e+00
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.9663e+01	3.9055e+01	4.0629e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	3.1830e+01	3.4437e+01	1.4760e-01
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	2.5712e+01	5.0905e+01	-1.2990e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.3099e+01	5.9720e+01	-1.0548e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.6078e+01	5.4269e+01	-3.3681e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	2.7215e+01	4.7433e+01	-5.8107e+00
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	2.5326e+01	4.8857e+01	-2.2769e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	1.0541e+01	5.9674e+01	-2.1766e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.2691e+01	6.0034e+01	-1.3176e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	2.5017e+01	5.2125e+01	-1.4179e+01
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	2.7737e+01	3.6954e+01	-3.3637e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	8.7879e+00	4.9363e+01	-3.4591e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	9.7616e+00	5.6335e+01	-2.4912e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	2.5014e+01	4.7645e+01	-2.3959e+01

1848	746	0.0000e+00	0.0000e+00	0.0000e+00	3.4403e+01	1.4046e+01	-4.3488e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	9.7204e+00	2.5771e+01	-4.7895e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	7.6278e+00	4.1550e+01	-3.8429e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	2.8408e+01	3.2639e+01	-3.4022e+01
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	4.6974e+01	-1.9359e+01	-4.6803e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.7080e+01	-1.5589e+01	-5.6914e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	8.1034e+00	1.2518e+01	-5.1923e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	3.7399e+01	5.4086e+00	-4.1813e+01
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	6.3779e+01	-5.6122e+01	-3.4500e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	3.2877e+01	-7.2145e+01	-4.9910e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.4902e+01	-3.3038e+01	-5.7507e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	5.3478e+01	-3.2499e+01	-4.2096e+01
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	7.4723e+01	-7.8570e+01	-4.3603e+00
	654	0.0000e+00	0.0000e+00	0.0000e+00	4.2486e+01	-1.1001e+02	-1.2942e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	3.0176e+01	-8.9081e+01	-3.6914e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	7.1286e+01	-6.8260e+01	-2.8333e+01
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	4.9649e+01	2.0851e+00	-4.7539e+00
	752	0.0000e+00	0.0000e+00	0.0000e+00	4.2904e+01	1.0467e+01	-2.6425e+00
	753	0.0000e+00	0.0000e+00	0.0000e+00	2.0851e+01	-1.1203e+01	-7.4424e-01
	743	0.0000e+00	0.0000e+00	0.0000e+00	7.5576e+01	-6.9593e+00	-2.8556e+00
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	4.7421e+01	2.5719e+01	-3.9122e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	3.7312e+01	2.8190e+01	5.0335e-01
	752	0.0000e+00	0.0000e+00	0.0000e+00	4.4915e+01	1.4611e+01	2.4395e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	4.7920e+01	1.2861e+01	-1.9761e+00
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	4.4454e+01	3.7510e+01	-7.9288e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	3.4139e+01	4.2996e+01	-4.9842e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	3.7218e+01	3.3297e+01	-1.0261e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	4.6778e+01	3.0154e+01	-3.9707e+00
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	4.3956e+01	4.2574e+01	-1.3344e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	3.2678e+01	4.9587e+01	-1.2462e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	3.4295e+01	4.5376e+01	-6.9660e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	4.3957e+01	4.0407e+01	-7.8481e+00
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	4.6516e+01	3.9544e+01	-2.0008e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	3.3665e+01	4.7657e+01	-2.1724e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	3.2942e+01	4.9188e+01	-1.5177e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	4.4091e+01	4.3029e+01	-1.3462e+01
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	5.2775e+01	2.8314e+01	-2.6738e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	3.7786e+01	3.6296e+01	-3.1579e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	3.4130e+01	4.4155e+01	-2.4837e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	4.7550e+01	3.7440e+01	-1.9997e+01
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	6.3067e+01	9.4133e+00	-3.1321e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	4.6080e+01	1.4554e+01	-3.9820e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	3.8432e+01	2.9537e+01	-3.4644e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	5.5119e+01	2.3394e+01	-2.6145e+01
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	7.6595e+01	-1.4576e+01	-3.0206e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	5.8860e+01	-1.6652e+01	-4.1985e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	4.6761e+01	4.9265e+00	-4.1472e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	6.7081e+01	1.7334e+00	-2.9693e+01
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	9.0249e+01	-3.7352e+01	-2.0146e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	7.2644e+01	-4.9766e+01	-3.2012e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	5.9309e+01	-2.7190e+01	-3.9337e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	8.1812e+01	-2.3637e+01	-2.7471e+01
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	9.7156e+01	-4.9450e+01	-2.5337e+00
	643	0.0000e+00	0.0000e+00	0.0000e+00	8.0071e+01	-6.7351e+01	-8.0084e+00
	744	0.0000e+00	0.0000e+00	0.0000e+00	7.2789e+01	-5.7503e+01	-2.2479e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	9.4392e+01	-4.3859e+01	-1.7004e+01
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	5.8468e+01	2.7158e+00	-6.7091e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	5.4585e+01	8.0524e+00	-5.1185e+00
	743	0.0000e+00	0.0000e+00	0.0000e+00	4.3218e+01	-1.0146e+01	-3.0527e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	7.2754e+01	-9.3124e+00	-4.6433e+00
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	5.7115e+01	2.3561e+01	-6.9985e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	5.0629e+01	2.5235e+01	-3.6774e+00
	742	0.0000e+00	0.0000e+00	0.0000e+00	5.5661e+01	1.2968e+01	-2.3236e+00

	732	0.0000e+00	0.0000e+00	0.0000e+00	5.8177e+01	1.1690e+01	-5.6448e+00
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	5.6028e+01	3.4050e+01	-8.7690e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	4.8753e+01	3.7324e+01	-7.1608e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	5.0633e+01	2.9239e+01	-4.9023e+00
	731	0.0000e+00	0.0000e+00	0.0000e+00	5.7098e+01	2.7589e+01	-6.5104e+00
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	5.7367e+01	3.7831e+01	-1.1214e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	4.9162e+01	4.1965e+01	-1.1853e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	4.9161e+01	3.8988e+01	-8.7141e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	5.6196e+01	3.6280e+01	-8.0750e+00
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	6.1769e+01	3.4370e+01	-1.4186e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	5.2666e+01	3.8878e+01	-1.7640e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	4.9942e+01	4.1220e+01	-1.3954e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	5.8157e+01	3.7692e+01	-1.0500e+01
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	6.9598e+01	2.4127e+01	-1.6853e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	5.9719e+01	2.7930e+01	-2.3381e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	5.3897e+01	3.5659e+01	-1.9897e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	6.3442e+01	3.1867e+01	-1.3369e+01
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	8.0511e+01	8.3985e+00	-1.7889e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	7.0285e+01	9.8049e+00	-2.7230e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	6.1346e+01	2.2469e+01	-2.5175e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	7.2310e+01	1.9395e+01	-1.5834e+01
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	9.2964e+01	-9.8905e+00	-1.5748e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	8.3028e+01	-1.2706e+01	-2.6526e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	7.2088e+01	2.8847e+00	-2.7442e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	8.4127e+01	2.0655e+00	-1.6664e+01
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	1.0400e+02	-2.5827e+01	-9.6170e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	9.4355e+01	-3.3297e+01	-1.8861e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	8.4624e+01	-1.9473e+01	-2.3725e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	9.6768e+01	-1.6339e+01	-1.4481e+01
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	1.0927e+02	-3.3717e+01	-7.0823e-01
	632	0.0000e+00	0.0000e+00	0.0000e+00	1.0016e+02	-4.3125e+01	-4.7585e+00
	734	0.0000e+00	0.0000e+00	0.0000e+00	9.5400e+01	-3.7701e+01	-1.2634e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	1.0660e+02	-2.9941e+01	-8.5833e+00
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	6.1812e+01	3.4390e+00	-7.3397e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	6.0886e+01	4.9290e+00	-6.4671e+00
	733	0.0000e+00	0.0000e+00	0.0000e+00	6.0538e+01	-1.1311e+01	-4.9196e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	6.3761e+01	-1.3194e+01	-5.7922e+00
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	6.1294e+01	2.3060e+01	-8.4688e+00
	731	0.0000e+00	0.0000e+00	0.0000e+00	5.8868e+01	2.3668e+01	-6.2002e+00
	732	0.0000e+00	0.0000e+00	0.0000e+00	6.1306e+01	1.1423e+01	-5.7462e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	6.3019e+01	1.1041e+01	-8.0148e+00
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	6.1806e+01	3.3450e+01	-7.9162e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	5.8374e+01	3.4310e+01	-7.4733e+00
	731	0.0000e+00	0.0000e+00	0.0000e+00	5.9135e+01	2.7104e+01	-7.0357e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	6.1858e+01	2.7010e+01	-7.4787e+00
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	6.4372e+01	3.6751e+01	-7.4891e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	6.0282e+01	3.7852e+01	-9.1816e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	5.9022e+01	3.5677e+01	-8.4816e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	6.2527e+01	3.5252e+01	-6.7891e+00
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	6.9597e+01	3.3223e+01	-7.0481e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	6.5171e+01	3.4286e+01	-1.1324e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	6.1381e+01	3.7039e+01	-1.0475e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	6.5540e+01	3.6249e+01	-6.1983e+00
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	7.7693e+01	2.3605e+01	-6.3416e+00
	727	0.0000e+00	0.0000e+00	0.0000e+00	7.3249e+01	2.4138e+01	-1.3276e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	6.6799e+01	3.1417e+01	-1.2632e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	7.1419e+01	3.0545e+01	-5.6975e+00
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	8.8188e+01	9.3348e+00	-5.0408e+00
	726	0.0000e+00	0.0000e+00	0.0000e+00	8.4014e+01	8.7983e+00	-1.4112e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	7.5369e+01	1.9550e+01	-1.4144e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	8.0188e+01	1.9082e+01	-5.0725e+00
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	9.9576e+01	-6.8582e+00	-3.0487e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	9.5819e+01	-8.7551e+00	-1.2794e+01

	726	0.0000e+00	0.0000e+00	0.0000e+00	8.6408e+01	3.2445e+00	-1.3889e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	9.1105e+01	3.7340e+00	-4.1434e+00
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	1.0924e+02	-2.0718e+01	-7.1846e-01
	724	0.0000e+00	0.0000e+00	0.0000e+00	1.0571e+02	-2.3714e+01	-8.6651e+00
	725	0.0000e+00	0.0000e+00	0.0000e+00	9.8045e+01	-1.3988e+01	-1.0862e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	1.0233e+02	-1.2194e+01	-2.9155e+00
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	1.1398e+02	-2.7440e+01	1.3320e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	1.1074e+02	-3.0704e+01	-2.2008e+00
	724	0.0000e+00	0.0000e+00	0.0000e+00	1.0721e+02	-2.7002e+01	-5.0636e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	1.1103e+02	-2.4025e+01	-1.5307e+00
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	5.8845e+01	5.0199e+00	-6.4719e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	6.1190e+01	1.7767e+00	-6.3838e+00
	723	0.0000e+00	0.0000e+00	0.0000e+00	7.3079e+01	-1.3502e+01	-6.0285e+00
	713	0.0000e+00	0.0000e+00	0.0000e+00	4.7117e+01	-1.7520e+01	-6.1167e+00
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	5.8863e+01	2.4178e+01	-8.5219e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	6.1256e+01	2.3734e+01	-7.1353e+00
	722	0.0000e+00	0.0000e+00	0.0000e+00	6.1138e+01	1.0521e+01	-7.7109e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	6.1526e+01	1.1333e+01	-9.0976e+00
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	6.0467e+01	3.5391e+01	-5.9259e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	6.1881e+01	3.3983e+01	-6.2664e+00
	721	0.0000e+00	0.0000e+00	0.0000e+00	6.1857e+01	2.6971e+01	-7.5427e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	5.9866e+01	2.8345e+01	-7.2021e+00
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	6.3537e+01	3.8892e+01	-3.0995e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	6.4666e+01	3.7227e+01	-5.2611e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	6.2680e+01	3.5386e+01	-6.7824e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	6.1557e+01	3.7037e+01	-4.6207e+00
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	6.8665e+01	3.5576e+01	1.7223e-01
	718	0.0000e+00	0.0000e+00	0.0000e+00	6.9971e+01	3.3583e+01	-4.1593e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	6.5868e+01	3.6546e+01	-5.8433e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	6.4820e+01	3.8224e+01	-1.5118e+00
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	7.6069e+01	2.6156e+01	3.6450e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	7.7967e+01	2.3902e+01	-2.9179e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	7.1684e+01	3.1032e+01	-4.7332e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	7.0310e+01	3.2734e+01	1.8297e+00
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	8.5534e+01	1.1766e+01	6.8767e+00
	716	0.0000e+00	0.0000e+00	0.0000e+00	8.8207e+01	9.6372e+00	-1.5373e+00
	717	0.0000e+00	0.0000e+00	0.0000e+00	8.0239e+01	1.9754e+01	-3.2993e+00
	707	0.0000e+00	0.0000e+00	0.0000e+00	7.8063e+01	2.1466e+01	5.1147e+00
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	9.6067e+01	-5.4005e+00	8.8384e+00
	715	0.0000e+00	0.0000e+00	0.0000e+00	9.9323e+01	-6.5106e+00	-3.1088e-01
	716	0.0000e+00	0.0000e+00	0.0000e+00	9.0939e+01	4.4626e+00	-1.4888e+00
	706	0.0000e+00	0.0000e+00	0.0000e+00	8.7663e+01	5.9205e+00	7.6604e+00
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	1.0542e+02	-2.1185e+01	8.0302e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	1.0888e+02	-2.0369e+01	2.6106e-01
	715	0.0000e+00	0.0000e+00	0.0000e+00	1.0211e+02	-1.1637e+01	3.8598e-01
	705	0.0000e+00	0.0000e+00	0.0000e+00	9.7933e+01	-1.1094e+01	8.1551e+00
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	1.1028e+02	-2.9246e+01	3.7594e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	1.1386e+02	-2.7165e+01	1.3554e-01
	714	0.0000e+00	0.0000e+00	0.0000e+00	1.1090e+02	-2.3753e+01	1.6438e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	1.0659e+02	-2.4960e+01	5.2676e+00
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	4.8272e+01	8.0964e+00	-4.1949e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	5.4477e+01	-9.0874e-01	-4.7509e+00
	713	0.0000e+00	0.0000e+00	0.0000e+00	8.0450e+01	-1.5510e+01	-6.3120e+00
	703	0.0000e+00	0.0000e+00	0.0000e+00	2.1279e+01	-2.1112e+01	-5.7560e+00
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	4.7927e+01	2.6820e+01	-7.6997e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	5.6628e+01	2.5246e+01	-6.7624e+00
	712	0.0000e+00	0.0000e+00	0.0000e+00	5.4135e+01	1.0565e+01	-8.2688e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	5.2139e+01	1.2274e+01	-9.2061e+00
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	5.0006e+01	3.9519e+01	-3.4800e+00
	710	0.0000e+00	0.0000e+00	0.0000e+00	5.7820e+01	3.5937e+01	-4.0970e+00
	711	0.0000e+00	0.0000e+00	0.0000e+00	5.7559e+01	2.8616e+01	-6.8535e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	4.9135e+01	3.1043e+01	-6.2365e+00
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	5.2898e+01	4.3584e+01	1.0855e+00



	709	0.0000e+00	0.0000e+00	0.0000e+00	6.0782e+01	3.9556e+01	-9.6875e-01
	710	0.0000e+00	0.0000e+00	0.0000e+00	5.8673e+01	3.7657e+01	-4.3323e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	5.1238e+01	4.0962e+01	-2.2781e+00
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	5.7025e+01	4.0626e+01	6.3897e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	6.5620e+01	3.6104e+01	2.7207e+00
	709	0.0000e+00	0.0000e+00	0.0000e+00	6.1858e+01	3.9181e+01	-1.0701e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	5.4054e+01	4.2922e+01	2.5989e+00
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	6.2577e+01	3.1131e+01	1.1993e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	7.2571e+01	2.6453e+01	6.6034e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	6.7038e+01	3.3904e+01	2.6203e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	5.8221e+01	3.7909e+01	8.0098e+00
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	6.9704e+01	1.5638e+01	1.7109e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	8.1553e+01	1.1699e+01	1.0041e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	7.4486e+01	2.2569e+01	6.4179e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	6.3802e+01	2.6529e+01	1.3486e+01
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	7.8328e+01	-4.7594e+00	2.0025e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	9.1971e+01	-6.0373e+00	1.1661e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	8.4115e+01	6.3709e+00	9.6090e+00
	696	0.0000e+00	0.0000e+00	0.0000e+00	7.0836e+01	9.5659e+00	1.7974e+01
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	8.7835e+01	-2.6749e+01	1.7753e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	1.0192e+02	-2.2664e+01	9.3370e+00
	705	0.0000e+00	0.0000e+00	0.0000e+00	9.5150e+01	-1.2105e+01	1.0832e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	7.9163e+01	-1.1280e+01	1.9248e+01
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	9.3153e+01	-3.9927e+01	6.8580e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	1.0778e+02	-3.1862e+01	2.4931e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	1.0488e+02	-2.7449e+01	8.4586e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	8.8048e+01	-3.2389e+01	1.2824e+01
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	2.5817e+01	1.0320e+01	-2.6436e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	3.9788e+01	-3.2379e+00	-2.3750e+00
	703	0.0000e+00	0.0000e+00	0.0000e+00	8.0717e+01	-1.5847e+01	-5.9208e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	-1.4619e+01	-2.1676e+01	-6.1893e+00
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	2.4695e+01	2.6659e+01	-6.5545e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	4.3297e+01	2.7929e+01	-6.0982e+00
	702	0.0000e+00	0.0000e+00	0.0000e+00	3.8031e+01	1.1225e+01	-8.7251e+00
	691	0.0000e+00	0.0000e+00	0.0000e+00	3.0797e+01	1.8221e+01	-9.1814e+00
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	2.7343e+01	4.2542e+01	-9.4092e-01
	700	0.0000e+00	0.0000e+00	0.0000e+00	4.4384e+01	3.9785e+01	-1.8414e+00
	701	0.0000e+00	0.0000e+00	0.0000e+00	4.3621e+01	3.1454e+01	-6.1667e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	2.6454e+01	3.8126e+01	-5.2662e+00
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	2.9898e+01	4.8952e+01	4.5257e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	4.6806e+01	4.4115e+01	2.8282e+00
	700	0.0000e+00	0.0000e+00	0.0000e+00	4.4825e+01	4.1732e+01	-2.0929e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	2.8764e+01	4.7623e+01	-3.9541e-01
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	3.2456e+01	4.8160e+01	1.0731e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	5.0158e+01	4.1032e+01	8.3823e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	4.7529e+01	4.4122e+01	2.9039e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	3.0775e+01	4.8937e+01	5.2525e+00
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	3.4910e+01	4.0422e+01	1.7362e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	5.4623e+01	3.1191e+01	1.4352e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	5.1247e+01	3.9406e+01	8.5080e+00
	683	0.0000e+00	0.0000e+00	0.0000e+00	3.2763e+01	4.2915e+01	1.1518e+01
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	3.7389e+01	2.5777e+01	2.3786e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	6.0436e+01	1.5037e+01	1.9985e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	5.6271e+01	2.7993e+01	1.4257e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	3.4579e+01	2.9739e+01	1.8058e+01
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	4.0485e+01	4.0151e+00	2.8522e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	6.8009e+01	-6.4528e+00	2.3543e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	6.3025e+01	1.0203e+01	1.9155e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	3.6333e+01	9.3021e+00	2.4134e+01
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	4.6801e+01	-2.5176e+01	2.7808e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	7.6445e+01	-3.0316e+01	2.1049e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	7.2272e+01	-1.2893e+01	2.1287e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	3.8574e+01	-1.8551e+01	2.8045e+01

1911	577	0.0000e+00	0.0000e+00	0.0000e+00	5.0348e+01	-6.1386e+01	1.0359e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	8.5677e+01	-4.6688e+01	4.8652e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	8.3123e+01	-3.8567e+01	1.7037e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	4.2822e+01	-5.0405e+01	2.2531e+01
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	-1.6592e+01	6.7675e+01	-5.8344e+00
	691	0.0000e+00	0.0000e+00	0.0000e+00	7.3478e+00	-4.8753e+00	7.3042e+00
	693	0.0000e+00	0.0000e+00	0.0000e+00	7.2162e+01	-1.2684e+01	-3.5756e+00
	11	0.0000e+00	0.0000e+00	0.0000e+00	-5.7299e+01	-6.1517e+01	-1.6714e+01
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	-1.3993e+01	7.2772e+01	-1.1830e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	7.8993e+00	2.9557e+01	5.8272e-01
	691	0.0000e+00	0.0000e+00	0.0000e+00	1.6556e+01	1.4335e+01	-3.6645e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	-1.9410e+01	-1.9622e+01	-5.4302e+00
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.0936e+01	7.1880e+01	2.8528e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	1.2266e+01	4.3484e+01	3.1057e+00
	689	0.0000e+00	0.0000e+00	0.0000e+00	1.7582e+01	3.6072e+01	6.8091e-02
	690	0.0000e+00	0.0000e+00	0.0000e+00	-1.5788e+01	1.4298e+01	-1.8481e-01
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	-8.8554e+00	6.2467e+01	6.6763e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	1.6397e+01	4.9135e+01	5.8638e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	1.7390e+01	4.6825e+01	2.6916e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.1339e+01	4.0409e+01	3.5041e+00
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	-8.6452e+00	4.5526e+01	1.0729e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	1.9984e+01	4.7197e+01	9.3681e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	1.7328e+01	4.9570e+01	5.8853e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	-8.4846e+00	5.8834e+01	7.2457e+00
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.1028e+01	2.0784e+01	1.4828e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	2.2829e+01	3.7931e+01	1.3239e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	1.6640e+01	4.4957e+01	9.5701e+00
	684	0.0000e+00	0.0000e+00	0.0000e+00	-7.7541e+00	7.0102e+01	1.1159e+01
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.6731e+01	-1.2584e+01	1.8566e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	2.4983e+01	2.1184e+01	1.6931e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.5046e+01	3.3096e+01	1.3337e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-9.7938e+00	7.4698e+01	1.4972e+01
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	-2.6359e+01	-5.5713e+01	2.1456e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	2.7342e+01	-3.4728e+00	1.9484e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.2592e+01	1.3622e+01	1.6332e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.5227e+01	7.2734e+01	1.8304e+01
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	-3.9177e+01	-1.0958e+02	2.3247e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	3.3355e+01	-3.6427e+01	1.8970e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	1.0613e+01	-1.4546e+01	1.6766e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-2.4283e+01	6.3410e+01	2.1043e+01
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	-5.5637e+01	-1.7423e+02	2.4298e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	6.6631e+01	-7.1986e+01	7.8465e+00
	675	0.0000e+00	0.0000e+00	0.0000e+00	1.5845e+01	-5.6921e+01	7.9471e+00
	676	0.0000e+00	0.0000e+00	0.0000e+00	-3.5038e+01	4.5107e+01	2.4399e+01
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	-1.0265e+02	-1.4099e+02	4.2036e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-2.1353e+02	-4.3957e+01	4.8050e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-2.8874e+02	-3.6421e+02	2.3098e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.5302e+01	-2.1772e+02	1.7084e+01
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	-8.8520e+01	6.8315e+00	4.8429e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-1.2183e+02	1.6378e+01	1.5622e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-1.7383e+02	-5.8864e+01	3.3849e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-1.0274e+02	-8.5440e+01	6.6656e+01
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	-5.7165e+01	5.7117e+01	3.0651e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	-7.2119e+01	6.4013e+01	8.0475e+00
	673	0.0000e+00	0.0000e+00	0.0000e+00	-1.0220e+02	2.9127e+01	2.0133e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-7.2702e+01	1.2072e+01	4.2736e+01
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	-3.6990e+01	8.0648e+01	1.5970e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	-4.5361e+01	8.6640e+01	2.9810e+00
	672	0.0000e+00	0.0000e+00	0.0000e+00	-6.1473e+01	6.9605e+01	1.1253e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-4.7094e+01	5.9204e+01	2.4241e+01
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	-2.7859e+01	8.9439e+01	3.5913e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-3.4365e+01	9.5406e+01	-1.3816e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-4.0264e+01	8.9043e+01	5.3094e+00

	661	0.0000e+00	0.0000e+00	0.0000e+00	-3.1997e+01	8.1749e+01	1.0282e+01
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	-2.8849e+01	8.6771e+01	-8.3393e+00
	669	0.0000e+00	0.0000e+00	0.0000e+00	-3.6570e+01	9.3777e+01	-5.9959e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	-3.3590e+01	9.5915e+01	5.9706e-01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-2.7099e+01	8.9855e+01	-1.7464e+00
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	-3.9886e+01	7.0824e+01	-2.1858e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-5.2854e+01	8.0597e+01	-1.1709e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	-4.0018e+01	9.2527e+01	-3.7777e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	-3.2236e+01	8.6583e+01	-1.3927e+01
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	-6.1200e+01	3.3117e+01	-3.9437e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-8.7492e+01	4.8870e+01	-2.0076e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-6.1520e+01	7.6594e+01	-8.7393e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	-4.8095e+01	6.9879e+01	-2.8100e+01
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	-8.7404e+01	-4.8982e+01	-6.1989e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-1.5067e+02	-2.4684e+01	-3.2822e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.0440e+02	3.8675e+01	-1.5945e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-7.4805e+01	2.9525e+01	-4.5112e+01
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.2791e+01	-1.6005e+02	-1.8280e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	-2.5089e+02	-2.9228e+02	-2.2825e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-1.8592e+02	-1.0287e+01	-4.5672e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-8.6938e+01	-9.7234e+01	-4.1127e+01
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	2.5343e+01	-1.0236e+02	4.3765e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-6.0600e+01	-1.2648e+02	5.8658e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-3.9107e+01	-1.7918e+02	2.1571e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	3.3908e+01	-1.2980e+02	6.6787e+00
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	-1.9161e+00	-1.9541e+01	5.0912e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-5.6548e+01	-1.1763e+01	6.1781e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-4.2422e+01	-6.6334e+01	6.7963e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	5.8965e+00	-7.0808e+01	5.7094e+01
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	-9.7346e+00	3.4517e+01	3.8977e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-3.9708e+01	4.6846e+01	3.7030e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-4.8196e+01	1.6655e+01	5.3335e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-5.1760e+00	-3.3284e+00	5.5282e+01
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	-7.1969e+00	6.2706e+01	2.2165e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	-2.6525e+01	7.4654e+01	1.8205e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-3.4420e+01	5.9212e+01	3.3082e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-7.2969e+00	4.1675e+01	3.7043e+01
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	-4.1486e+00	7.3541e+01	4.7556e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	-2.0050e+01	8.5699e+01	2.5599e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	-2.3630e+01	7.9788e+01	1.5863e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	-5.0004e+00	6.5580e+01	1.8059e+01
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	-3.0875e+00	7.0830e+01	-1.2936e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-2.0798e+01	8.4549e+01	-1.2509e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.9443e+01	8.6403e+01	6.3882e-01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-3.5796e+00	7.4065e+01	2.1127e-01
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	-3.2493e+00	5.3711e+01	-3.1584e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-2.8218e+01	7.0429e+01	-2.9187e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-2.2448e+01	8.1047e+01	-1.4750e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	-4.1806e+00	6.9154e+01	-1.7147e+01
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	-1.2996e-01	1.7660e+01	-4.9761e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-3.9133e+01	3.6776e+01	-4.8634e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-3.2185e+01	6.0472e+01	-3.2837e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	-4.8027e+00	4.8282e+01	-3.3964e+01
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	1.0009e+01	-3.8343e+01	-5.3899e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-3.3867e+01	-3.2573e+01	-6.3380e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-4.6045e+01	1.2700e+01	-5.6246e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	3.0520e+00	4.3324e+00	-4.6766e+01
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	3.3047e+01	-8.7639e+01	-1.3831e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-3.3098e+01	-1.2671e+02	-2.5183e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	-4.9687e+01	-8.4618e+01	-5.4950e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	2.6723e+01	-6.4700e+01	-4.3598e+01
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	7.0266e+01	-6.6853e+01	2.7279e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	2.7899e+01	-8.4577e+01	3.6651e+01

	654	0.0000e+00	0.0000e+00	0.0000e+00	4.0801e+01	-1.1022e+02	1.1987e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	7.6279e+01	-7.9062e+01	2.6148e+00
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	5.0585e+01	-2.3404e+01	3.8844e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	1.1822e+01	-2.0036e+01	5.4174e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	3.2743e+01	-6.2417e+01	4.9739e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	6.0606e+01	-5.0258e+01	3.4409e+01
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	3.4959e+01	1.7568e+01	3.3848e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	5.7692e+00	2.8323e+01	4.2729e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	1.4838e+01	-8.7812e-01	5.1777e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	4.3814e+01	-8.0550e+00	4.2896e+01
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	2.7597e+01	4.3955e+01	2.0728e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	5.5583e+00	5.6679e+01	2.4151e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	7.6390e+00	4.0831e+01	3.7559e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	3.2424e+01	2.6981e+01	3.4137e+01
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	2.5952e+01	5.5402e+01	4.7178e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	6.8444e+00	6.8902e+01	5.2389e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	6.6353e+00	6.2750e+01	1.9318e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	2.7213e+01	4.8349e+01	1.8797e+01
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	2.8125e+01	5.3508e+01	-1.1963e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	8.2038e+00	6.7690e+01	-1.3325e+01
	649	0.0000e+00	0.0000e+00	0.0000e+00	7.2805e+00	6.9727e+01	7.2390e-01
	638	0.0000e+00	0.0000e+00	0.0000e+00	2.6299e+01	5.6066e+01	2.0859e+00
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	3.4238e+01	3.8541e+01	-2.7615e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	1.0758e+01	5.2412e+01	-3.1522e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	8.0076e+00	6.3453e+01	-1.8036e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	2.9103e+01	5.0597e+01	-1.4130e+01
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	4.5707e+01	1.0834e+01	-3.7871e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.8332e+01	1.9265e+01	-4.6414e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	9.7987e+00	4.2274e+01	-3.6516e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	3.6998e+01	3.1090e+01	-2.7973e+01
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	6.1729e+01	-2.3982e+01	-3.3819e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	3.4493e+01	-3.1616e+01	-4.7676e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.6277e+01	3.1373e+00	-4.8995e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	5.1976e+01	-1.8811e+00	-3.5139e+01
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	7.6118e+01	-4.8656e+01	-1.0901e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	4.1407e+01	-7.1191e+01	-1.9135e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	3.0749e+01	-5.0609e+01	-3.6968e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	7.0157e+01	-3.7801e+01	-2.8734e+01
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	9.4316e+01	-4.3597e+01	1.6106e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	7.1984e+01	-5.5558e+01	2.1566e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	7.9076e+01	-6.7986e+01	6.4877e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	9.8244e+01	-5.0063e+01	1.0273e+00
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	8.1054e+01	-1.8873e+01	2.5269e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	5.7152e+01	-1.9646e+01	3.7122e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	7.3063e+01	-4.4528e+01	3.1618e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	8.9065e+01	-3.4394e+01	1.9766e+01
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	6.6701e+01	9.0697e+00	2.3849e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	4.4930e+01	1.5724e+01	3.4409e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	5.7597e+01	-6.5812e+00	3.8350e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	7.5348e+01	-7.7391e+00	2.7790e+01
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	5.7055e+01	3.0156e+01	1.5642e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	3.8186e+01	4.0100e+01	2.1952e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	4.4964e+01	2.5832e+01	3.1098e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	6.3012e+01	1.7650e+01	2.4789e+01
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	5.3561e+01	4.0505e+01	4.2895e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	3.6365e+01	5.1578e+01	6.1990e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	3.8242e+01	4.5627e+01	1.7248e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	5.5538e+01	3.4804e+01	1.5338e+01
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	5.6008e+01	3.9575e+01	-7.6810e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	3.8915e+01	5.0535e+01	-9.8918e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	3.6695e+01	5.2404e+01	1.2758e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	5.3766e+01	4.1231e+01	3.4866e+00
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	6.4039e+01	2.8049e+01	-1.7905e+01

	636	0.0000e+00	0.0000e+00	0.0000e+00	4.6274e+01	3.6978e+01	-2.4306e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	3.9538e+01	4.6744e+01	-1.4614e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	5.7854e+01	3.6465e+01	-8.2123e+00
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	7.6775e+01	8.2416e+00	-2.2992e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	5.8920e+01	1.1551e+01	-3.3343e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	4.6982e+01	2.8792e+01	-2.7845e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	6.7822e+01	2.1206e+01	-1.7495e+01
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	9.1176e+01	-1.3948e+01	-1.9270e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	7.4017e+01	-1.9628e+01	-3.0945e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	5.9332e+01	4.0264e-01	-3.3047e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	8.2296e+01	-1.1117e+00	-2.1372e+01
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	1.0186e+02	-2.8522e+01	-7.3865e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	8.1335e+01	-3.9735e+01	-1.3832e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	7.3946e+01	-2.9567e+01	-2.3327e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	9.6243e+01	-2.1962e+01	-1.6882e+01
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	1.0727e+02	-3.0275e+01	8.5191e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	9.5633e+01	-3.7011e+01	1.1905e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	9.9750e+01	-4.3884e+01	3.7196e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	1.0998e+02	-3.4399e+01	3.3393e-01
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	9.7756e+01	-1.4122e+01	1.3650e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	8.4380e+01	-1.5471e+01	2.2373e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	9.5389e+01	-3.0795e+01	1.8523e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	1.0435e+02	-2.4515e+01	9.7997e+00
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	8.6180e+01	5.8701e+00	1.3639e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	7.2527e+01	9.1930e+00	2.2902e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	8.3569e+01	-6.8031e+00	2.4229e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	9.3834e+01	-6.1110e+00	1.4966e+01
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	7.7364e+01	2.2393e+01	9.7915e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	6.4299e+01	2.8356e+01	1.6241e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	7.1644e+01	1.6776e+01	2.1204e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	8.3037e+01	1.2903e+01	1.4755e+01
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	7.3819e+01	3.1196e+01	3.9086e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	6.1388e+01	3.8138e+01	6.1077e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	6.3849e+01	3.2884e+01	1.2790e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	7.5796e+01	2.6582e+01	1.0591e+01
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	7.6246e+01	3.0876e+01	-2.3373e+00
	626	0.0000e+00	0.0000e+00	0.0000e+00	6.4200e+01	3.7493e+01	-4.7106e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	6.1674e+01	3.8885e+01	2.1547e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	7.3982e+01	3.1896e+01	4.5280e+00
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	8.4208e+01	2.2023e+01	-7.3210e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	7.2539e+01	2.6843e+01	-1.3953e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	6.5253e+01	3.4455e+01	-8.3091e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	7.8108e+01	2.8090e+01	-1.6772e+00
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	9.6059e+01	7.2179e+00	-9.3646e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	8.5057e+01	8.5538e+00	-1.8980e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	7.4131e+01	2.0671e+01	-1.6120e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	8.7578e+01	1.6339e+01	-6.5047e+00
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	1.0853e+02	-8.5943e+00	-7.4345e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	9.8063e+01	-1.1428e+01	-1.7152e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	8.6757e+01	9.2651e-01	-1.8229e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	1.0022e+02	2.2680e-01	-8.5116e+00
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	1.1750e+02	-1.9074e+01	-2.6255e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	1.0565e+02	-2.3865e+01	-8.4516e+00
	623	0.0000e+00	0.0000e+00	0.0000e+00	9.9450e+01	-1.7608e+01	-1.2603e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	1.1194e+02	-1.4172e+01	-6.7768e+00
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	1.1217e+02	-2.4580e+01	2.9515e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	1.0813e+02	-2.7094e+01	5.3667e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	1.1077e+02	-3.1515e+01	2.4308e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	1.1440e+02	-2.8211e+01	1.5607e-02
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	1.0441e+02	-1.1095e+01	3.9878e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	9.9407e+01	-1.2075e+01	1.0927e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	1.0720e+02	-2.2686e+01	9.1418e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	1.1063e+02	-2.0127e+01	2.2024e+00

1974	607	0.0000e+00	0.0000e+00	0.0000e+00	9.4887e+01	5.7542e+00	4.5099e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	8.9099e+01	6.5117e+00	1.2357e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	9.7846e+01	-5.5374e+00	1.2255e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	1.0198e+02	-4.5791e+00	4.4087e+00
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	8.7467e+01	1.9968e+01	4.3713e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	8.1291e+01	2.1956e+01	1.0127e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	8.7685e+01	1.2540e+01	1.1522e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	9.2690e+01	1.1764e+01	5.7661e+00
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	8.4497e+01	2.7755e+01	3.7170e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	7.8318e+01	3.0246e+01	5.7253e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	8.0578e+01	2.5700e+01	7.9960e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	8.6290e+01	2.3690e+01	5.9877e+00
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	8.6854e+01	2.7615e+01	2.9811e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	8.0980e+01	2.9904e+01	7.1778e-01
	616	0.0000e+00	0.0000e+00	0.0000e+00	7.8589e+01	3.0899e+01	3.1417e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	8.4677e+01	2.8384e+01	5.4050e+00
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	9.4221e+01	1.9924e+01	2.6353e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	8.8889e+01	2.1421e+01	-3.5285e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	8.2274e+01	2.7414e+01	-1.6055e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	8.8395e+01	2.5099e+01	4.5583e+00
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	1.0503e+02	6.9282e+00	2.8496e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	1.0031e+02	7.3301e+00	-5.8289e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	9.1008e+01	1.6431e+01	-4.8590e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	9.6820e+01	1.4911e+01	3.8195e+00
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	1.1631e+02	-7.0741e+00	3.2049e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	1.1195e+02	-7.5335e+00	-5.4459e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	1.0279e+02	1.3185e+00	-5.4670e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	1.0801e+02	9.0109e-01	3.1837e+00
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	1.2430e+02	-1.6620e+01	2.8934e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	1.1985e+02	-1.7230e+01	-2.7120e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	1.1411e+02	-1.2398e+01	-3.2431e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	1.1872e+02	-1.1956e+01	2.3623e+00
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	1.0785e+02	-2.5382e+01	-2.0012e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	1.1219e+02	-2.4244e+01	2.9488e-01
	610	0.0000e+00	0.0000e+00	0.0000e+00	1.1424e+02	-2.8022e+01	1.8944e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	1.1043e+02	-3.0055e+01	-4.0165e-01
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	1.0041e+02	-9.8640e+00	-4.7625e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	1.0440e+02	-1.0511e+01	1.6969e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	1.1047e+02	-1.9883e+01	1.6290e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	1.0737e+02	-2.0396e+01	-4.8303e+00
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	9.2227e+01	7.8437e+00	-3.5327e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	9.5069e+01	6.3957e+00	3.4334e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	1.0215e+02	-4.3995e+00	2.0466e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	9.9211e+01	-3.0991e+00	-4.9195e+00
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	8.6244e+01	2.2033e+01	-2.4681e-01
	606	0.0000e+00	0.0000e+00	0.0000e+00	8.8009e+01	2.0419e+01	4.7295e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	9.3298e+01	1.1849e+01	2.9107e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	9.0999e+01	1.3839e+01	-2.0656e+00
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	8.4008e+01	2.9619e+01	3.7437e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	8.5318e+01	2.7951e+01	5.4399e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	8.7175e+01	2.3759e+01	3.6368e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	8.5575e+01	2.5664e+01	1.9407e+00
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	8.6141e+01	2.9410e+01	7.8560e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	8.7707e+01	2.7627e+01	5.8423e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	8.5572e+01	2.8546e+01	4.1126e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	8.4211e+01	3.0191e+01	6.1263e+00
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	9.2551e+01	2.1544e+01	1.1656e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	9.4843e+01	1.9847e+01	6.1691e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	8.9083e+01	2.5407e+01	4.5877e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	8.7235e+01	2.6845e+01	1.0075e+01
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	1.0230e+02	7.6019e+00	1.4161e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	1.0530e+02	6.8002e+00	6.2071e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	9.7264e+01	1.5260e+01	5.2601e+00

	592	0.0000e+00	0.0000e+00	0.0000e+00	9.4276e+01	1.6335e+01	1.3214e+01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	1.1302e+02	-8.5331e+00	1.3596e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	1.1636e+02	-7.3258e+00	5.2659e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	1.0841e+02	1.0180e+00	5.8618e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	1.0415e+02	1.0445e+00	1.4191e+01
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	1.2018e+02	-1.9942e+01	8.6331e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	1.2467e+02	-1.7103e+01	3.0994e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	1.1923e+02	-1.2268e+01	5.5397e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	1.1444e+02	-1.4265e+01	1.1073e+01
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	8.8980e+01	-3.1785e+01	-7.6333e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	1.0616e+02	-2.7940e+01	-4.4985e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	1.0846e+02	-3.2715e+01	1.5696e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	9.3013e+01	-4.0895e+01	-1.5651e+00
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	8.1636e+01	-8.3649e+00	-1.3149e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	9.7550e+01	-1.0489e+01	-6.2512e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	1.0325e+02	-2.1821e+01	-5.6902e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	8.9858e+01	-2.5058e+01	-1.2588e+01
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	7.5587e+01	1.2948e+01	-9.9990e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	8.8747e+01	8.5599e+00	-3.9329e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	9.4959e+01	-3.5519e+00	-7.1823e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	8.1618e+01	-1.5000e+00	-1.3248e+01
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	7.1780e+01	2.8283e+01	-3.5494e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	8.2800e+01	2.3171e+01	3.7212e-01
	596	0.0000e+00	0.0000e+00	0.0000e+00	8.7162e+01	1.4061e+01	-4.4532e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	7.5333e+01	1.8512e+01	-8.3747e+00
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	7.0514e+01	3.5948e+01	4.0146e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	8.0685e+01	3.0627e+01	5.3104e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	8.2172e+01	2.6361e+01	3.6513e-02
	584	0.0000e+00	0.0000e+00	0.0000e+00	7.1642e+01	3.1492e+01	-1.2593e+00
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	7.1961e+01	3.5329e+01	1.1761e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	8.2663e+01	3.0043e+01	1.0267e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	8.0914e+01	3.1224e+01	4.9873e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	7.0694e+01	3.6401e+01	6.4814e+00
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	7.6253e+01	2.6313e+01	1.8958e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	8.8573e+01	2.1640e+01	1.4701e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	8.3761e+01	2.7984e+01	9.8365e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	7.2474e+01	3.2953e+01	1.4093e+01
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	8.3439e+01	9.3899e+00	2.4106e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	9.7795e+01	6.9380e+00	1.7357e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	9.0676e+01	1.7050e+01	1.3963e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	7.6937e+01	2.1326e+01	2.0711e+01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	9.3282e+01	-1.2882e+01	2.4099e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	1.0848e+02	-1.0274e+01	1.5807e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	1.0102e+02	4.2672e-01	1.6033e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	8.4002e+01	2.5856e+00	2.4325e+01
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	9.9380e+01	-3.0354e+01	1.4203e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	1.1752e+02	-2.3037e+01	8.5102e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	1.1225e+02	-1.6794e+01	1.4019e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	9.3155e+01	-2.0395e+01	1.9712e+01
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	4.3421e+01	-4.9067e+01	-1.5439e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	8.4242e+01	-3.8031e+01	-1.1090e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	8.6059e+01	-4.7434e+01	4.8719e-01
	577	0.0000e+00	0.0000e+00	0.0000e+00	5.0382e+01	-5.9342e+01	-3.8619e+00
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	4.1085e+01	-1.4399e+01	-1.9126e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	7.4948e+01	-9.4503e+00	-1.4162e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	7.6814e+01	-2.8212e+01	-1.5622e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	4.9238e+01	-2.0371e+01	-2.0586e+01
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	4.1151e+01	1.4206e+01	-1.2906e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	6.8094e+01	1.3847e+01	-1.0006e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	7.0920e+01	-2.5770e+00	-1.6245e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	4.4179e+01	9.4289e+00	-1.9145e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	4.1672e+01	3.3437e+01	-4.5025e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	6.4378e+01	2.9752e+01	-2.9424e+00

	585	0.0000e+00	0.0000e+00	0.0000e+00	6.6129e+01	1.8668e+01	-1.0566e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	4.3070e+01	3.0090e+01	-1.2126e+01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	4.2106e+01	4.3638e+01	4.6628e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	6.3061e+01	3.7258e+01	5.1961e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	6.3585e+01	3.2445e+01	-2.7883e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	4.2659e+01	4.1888e+01	-3.3216e+00
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	4.2361e+01	4.4986e+01	1.3985e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	6.3882e+01	3.6118e+01	1.3553e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	6.3106e+01	3.7860e+01	5.5231e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	4.2267e+01	4.4907e+01	5.9543e+00
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	4.2569e+01	3.7368e+01	2.2947e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	6.6832e+01	2.6267e+01	2.1482e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	6.4756e+01	3.4596e+01	1.3676e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	4.1687e+01	3.8965e+01	1.5141e+01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	4.3294e+01	2.0340e+01	3.0433e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	7.2225e+01	8.0613e+00	2.7594e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	6.8849e+01	2.2496e+01	2.0864e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	4.0939e+01	2.3556e+01	2.3702e+01
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	4.7823e+01	-6.9352e+00	3.3168e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	7.9262e+01	-1.6315e+01	2.8050e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	7.6272e+01	1.9615e+00	2.5405e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	4.0485e+01	-2.1757e+00	3.0522e+01
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	4.9632e+01	-4.6009e+01	1.8996e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	9.0447e+01	-3.7179e+01	1.3615e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	8.6979e+01	-2.6034e+01	2.3281e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	4.2238e+01	-3.6361e+01	2.8663e+01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	-3.0674e+01	4.9488e+01	-1.3177e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	1.3988e+01	-5.4132e+01	1.0269e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	6.8521e+01	-7.1246e+01	3.2861e-01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-5.6538e+01	-1.7348e+02	-1.3876e+01
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	-1.8304e+01	6.7171e+01	-9.0967e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.2821e+01	-9.8526e+00	-7.1576e+00
	575	0.0000e+00	0.0000e+00	0.0000e+00	3.5334e+01	-3.1466e+01	-1.0135e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-3.6904e+01	-1.0259e+02	-1.2074e+01
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	-8.3507e+00	7.4459e+01	-5.3714e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	1.7871e+01	1.8361e+01	-5.0885e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	3.1776e+01	2.7750e+00	-9.2647e+00
	574	0.0000e+00	0.0000e+00	0.0000e+00	-2.1685e+01	-4.5046e+01	-9.5476e+00
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	-2.9616e+00	7.2940e+01	-5.7882e-01
	569	0.0000e+00	0.0000e+00	0.0000e+00	2.2658e+01	3.6262e+01	-2.8161e-01
	571	0.0000e+00	0.0000e+00	0.0000e+00	3.0891e+01	2.6656e+01	-5.1409e+00
	572	0.0000e+00	0.0000e+00	0.0000e+00	-1.0595e+01	-3.9108e-01	-5.4381e+00
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	-1.8875e+00	6.2969e+01	4.9947e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	2.6099e+01	4.4778e+01	5.5162e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	2.9643e+01	4.0866e+01	3.5713e-01
	570	0.0000e+00	0.0000e+00	0.0000e+00	-4.3785e+00	3.2899e+01	-1.6445e-01
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	-4.9625e+00	4.3815e+01	1.0703e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	2.8133e+01	4.4127e+01	1.1452e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	2.7160e+01	4.5834e+01	6.3107e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	-2.4761e+00	5.6337e+01	5.5613e+00
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.2564e+01	1.4125e+01	1.5857e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	2.8886e+01	3.3994e+01	1.6909e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	2.3169e+01	4.1597e+01	1.2085e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-4.7221e+00	7.1026e+01	1.1032e+01
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	-2.5612e+01	-2.7930e+01	1.9788e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	2.9011e+01	1.3582e+01	2.1099e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	1.7554e+01	2.7665e+01	1.6896e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.1508e+01	7.7507e+01	1.5585e+01
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	-4.3998e+01	-8.4400e+01	2.2269e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	3.0933e+01	-1.8476e+01	2.2572e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	1.1028e+01	2.8406e+00	1.9252e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-2.3483e+01	7.5344e+01	1.8950e+01
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.3124e+01	-1.5745e+02	2.4778e+01



	558	0.0000e+00	0.0000e+00	0.0000e+00	6.3262e+01	-5.9315e+01	1.4650e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	9.0764e+00	-3.9694e+01	1.2067e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-3.9381e+01	6.3561e+01	2.2195e+01
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	-8.6717e+01	-9.8531e+01	4.1096e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	-1.8575e+02	-1.1468e+01	4.5551e+01
	19	0.0000e+00	0.0000e+00	0.0000e+00	-2.5085e+02	-2.9357e+02	2.2651e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-1.2624e+01	-1.6112e+02	1.8196e+01
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	-7.4370e+01	2.8170e+01	4.5099e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	-1.0397e+02	3.7339e+01	1.5746e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	-1.5043e+02	-2.5981e+01	3.2646e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-8.7153e+01	-5.0304e+01	6.1999e+01
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	-4.7288e+01	6.8593e+01	2.8106e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	-6.0688e+01	7.5320e+01	8.4638e+00
	556	0.0000e+00	0.0000e+00	0.0000e+00	-8.6955e+01	4.7495e+01	1.9820e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-6.0665e+01	3.1716e+01	3.9462e+01
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	-3.0875e+01	8.5668e+01	1.3977e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	-3.8595e+01	9.1607e+01	3.4228e+00
	555	0.0000e+00	0.0000e+00	0.0000e+00	-5.1857e+01	7.9334e+01	1.1361e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	-3.8914e+01	6.9540e+01	2.1915e+01
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	-2.4953e+01	8.9786e+01	1.8774e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	-3.1315e+01	9.5809e+01	-1.0245e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-3.4892e+01	9.2952e+01	5.5549e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	-2.7233e+01	8.5936e+01	8.4568e+00
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	-2.8791e+01	8.3247e+01	-1.0017e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-3.6800e+01	9.0447e+01	-5.7873e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	-3.1714e+01	9.5531e+01	8.5356e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-2.5340e+01	8.9570e+01	-3.3757e+00
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	-4.2525e+01	6.3356e+01	-2.3760e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-5.6371e+01	7.3551e+01	-1.1732e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-4.1360e+01	8.8484e+01	-3.5778e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	-3.3260e+01	8.2519e+01	-1.5605e+01
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	-6.6496e+01	2.0559e+01	-4.1907e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-9.4842e+01	3.7173e+01	-2.0505e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-6.6258e+01	6.8715e+01	-8.6682e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	-5.1882e+01	6.1872e+01	-3.0071e+01
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	-9.5029e+01	-6.9730e+01	-6.5332e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.6306e+02	-4.3963e+01	-3.3945e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.1335e+02	2.5705e+01	-1.6198e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-8.1388e+01	1.6299e+01	-4.7585e+01
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	-1.2825e+01	-1.9233e+02	-1.7955e+01
	18	0.0000e+00	0.0000e+00	0.0000e+00	-2.7259e+02	-3.3351e+02	-2.3081e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-2.0111e+02	-2.9123e+01	-4.7426e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-9.4649e+01	-1.2206e+02	-4.2300e+01
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	2.6989e+01	-6.5883e+01	4.3738e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-4.9454e+01	-8.5884e+01	5.4971e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-3.2994e+01	-1.2776e+02	2.5152e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	3.3200e+01	-8.8665e+01	1.3920e+01
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	3.5189e+00	3.0553e+00	4.7025e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-4.5602e+01	1.1344e+01	5.6347e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-3.3590e+01	-3.3872e+01	6.3413e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	1.0321e+01	-3.9586e+01	5.4091e+01
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	-4.0197e+00	4.7119e+01	3.4394e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	-3.1389e+01	5.9192e+01	3.3022e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-3.8609e+01	3.5401e+01	4.8723e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	4.2978e-01	1.6356e+01	5.0096e+01
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	-2.9332e+00	6.8415e+01	1.7810e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	-2.1126e+01	8.0138e+01	1.5067e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	-2.7282e+01	6.9185e+01	2.9366e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	-2.3130e+00	5.2570e+01	3.2109e+01
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	-1.7100e+00	7.4228e+01	7.4775e-01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.7387e+01	8.6332e+01	-1.3209e-01
	544	0.0000e+00	0.0000e+00	0.0000e+00	-1.9258e+01	8.3776e+01	1.2827e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	-1.6154e+00	7.0197e+01	1.3707e+01

2037	531	0.0000e+00	0.0000e+00	0.0000e+00	-2.3748e+00	6.7359e+01	-1.6751e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-2.0614e+01	8.1256e+01	-1.5098e+01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.7678e+01	8.5930e+01	-2.0381e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	-1.9756e+00	7.3944e+01	-3.6906e+00
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	-3.8907e+00	4.6104e+01	-3.5385e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-3.0254e+01	6.3256e+01	-3.1984e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-2.3079e+01	7.6697e+01	-1.7395e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-4.2009e+00	6.4936e+01	-2.0796e+01
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	-1.2889e+00	5.1861e+00	-5.3465e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-4.2895e+01	2.4821e+01	-5.1868e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-3.4994e+01	5.1921e+01	-3.5816e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	-5.9650e+00	3.9743e+01	-3.7413e+01
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	9.7488e+00	-5.6579e+01	-5.6105e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-3.7217e+01	-5.1622e+01	-6.6543e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-5.0579e+01	-1.6431e+00	-5.9996e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	2.0440e+00	-9.6608e+00	-4.9558e+01
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	3.4405e+01	-1.0942e+02	-9.3841e+00
	538	0.0000e+00	0.0000e+00	0.0000e+00	-3.3042e+01	-1.5532e+02	-2.2940e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-5.4366e+01	-1.0858e+02	-5.7705e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	2.8369e+01	-8.5582e+01	-4.4150e+01
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	7.0487e+01	-3.8842e+01	2.9031e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	3.1020e+01	-5.1754e+01	3.7156e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	4.1552e+01	-7.2188e+01	1.9238e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	7.6353e+01	-4.9589e+01	1.1113e+01
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	5.2500e+01	-2.9570e+00	3.5641e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	1.6744e+01	1.9081e+00	4.9350e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	3.4794e+01	-3.2814e+01	4.7897e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	6.2121e+01	-2.5068e+01	3.4187e+01
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	3.7800e+01	3.0193e+01	2.8762e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	1.0564e+01	4.1166e+01	3.7098e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	1.8864e+01	1.8030e+01	4.6811e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	4.6326e+01	9.7546e+00	3.8474e+01
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	3.0286e+01	5.0189e+01	1.5283e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	9.2005e+00	6.2773e+01	1.8915e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	1.1639e+01	5.1366e+01	3.2161e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	3.5179e+01	3.7699e+01	2.8529e+01
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	2.7964e+01	5.6597e+01	-5.1342e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	9.0327e+00	6.9942e+01	5.1556e-01
	533	0.0000e+00	0.0000e+00	0.0000e+00	9.5772e+00	6.7181e+01	1.4281e+01
	522	0.0000e+00	0.0000e+00	0.0000e+00	2.9496e+01	5.3246e+01	1.3252e+01
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	2.9412e+01	5.0451e+01	-1.6820e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	9.0400e+00	6.4546e+01	-1.7689e+01
	532	0.0000e+00	0.0000e+00	0.0000e+00	8.8554e+00	6.9460e+01	-3.8974e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	2.7844e+01	5.6223e+01	-3.0286e+00
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	3.5104e+01	3.1487e+01	-3.1939e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	1.0657e+01	4.5188e+01	-3.5619e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	8.3072e+00	5.9079e+01	-2.2393e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	3.0025e+01	4.6568e+01	-1.8713e+01
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	4.6727e+01	-2.0615e-01	-4.1043e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	1.8154e+01	7.3796e+00	-4.9905e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	9.2189e+00	3.3655e+01	-4.0659e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	3.7775e+01	2.2916e+01	-3.1797e+01
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	6.3549e+01	-3.8409e+01	-3.4184e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	3.5482e+01	-4.8832e+01	-4.9042e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	1.5646e+01	-1.0357e+01	-5.2301e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	5.3398e+01	-1.4319e+01	-3.7444e+01
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	7.7812e+01	-6.3930e+01	-6.2768e+00
	527	0.0000e+00	0.0000e+00	0.0000e+00	4.4038e+01	-9.0929e+01	-1.5097e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	3.1334e+01	-6.9425e+01	-3.6873e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	7.2713e+01	-5.3267e+01	-2.8053e+01
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	9.6704e+01	-2.2808e+01	1.7336e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	7.4302e+01	-3.0550e+01	2.3674e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	8.1568e+01	-4.0625e+01	1.4063e+01

	515	0.0000e+00	0.0000e+00	0.0000e+00	1.0223e+02	-2.9320e+01	7.7257e+00
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	8.2948e+01	-1.9011e+00	2.2095e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	5.9870e+01	-5.9342e-01	3.3634e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	7.4400e+01	-2.0643e+01	3.1351e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	9.1708e+01	-1.4810e+01	1.9812e+01
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	6.8733e+01	2.0683e+01	1.8590e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	4.7779e+01	2.7993e+01	2.8762e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	5.9515e+01	1.0571e+01	3.4011e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	7.7527e+01	7.4796e+00	2.3839e+01
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	5.9107e+01	3.6496e+01	9.7672e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	4.0683e+01	4.6446e+01	1.5943e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	4.7170e+01	3.6265e+01	2.5328e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	6.5083e+01	2.7615e+01	1.9153e+01
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	5.5443e+01	4.2202e+01	-1.4356e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	3.8274e+01	5.3041e+01	5.1041e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	4.0219e+01	5.0424e+01	1.1348e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	5.7427e+01	3.9784e+01	9.4024e+00
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	5.7699e+01	3.7212e+01	-1.2867e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	4.0297e+01	4.7801e+01	-1.5046e+01
	521	0.0000e+00	0.0000e+00	0.0000e+00	3.8174e+01	5.2549e+01	-4.2707e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	5.5424e+01	4.1784e+01	-2.0916e+00
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	6.5677e+01	2.2060e+01	-2.2188e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	4.7440e+01	3.0320e+01	-2.8715e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	4.0554e+01	4.2804e+01	-1.9625e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	5.9389e+01	3.3050e+01	-1.3098e+01
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	7.8511e+01	-8.3779e-01	-2.5710e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	6.0336e+01	1.0736e+00	-3.6390e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	4.7814e+01	2.0966e+01	-3.2003e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	6.9476e+01	1.4183e+01	-2.1323e+01
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	9.2935e+01	-2.4933e+01	-1.9323e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	7.5823e+01	-3.3193e+01	-3.1275e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	6.0401e+01	-1.1073e+01	-3.5422e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	8.4235e+01	-1.1114e+01	-2.3471e+01
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	1.0249e+02	-3.8964e+01	-3.6607e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	8.3253e+01	-5.3653e+01	-9.6872e+00
	517	0.0000e+00	0.0000e+00	0.0000e+00	7.5424e+01	-4.3492e+01	-2.2277e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	9.8158e+01	-3.3230e+01	-1.6251e+01
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	1.1259e+02	-1.4779e+01	7.4001e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	9.9955e+01	-1.8374e+01	1.3111e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	1.0602e+02	-2.4610e+01	8.8227e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.1805e+02	-1.9707e+01	3.1120e+00
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	1.0108e+02	-2.0794e-01	9.4516e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	8.7443e+01	2.4556e-01	1.9035e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	9.8596e+01	-1.2204e+01	1.7741e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	1.0927e+02	-9.1851e+00	8.1574e+00
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	8.8700e+01	1.6278e+01	7.8883e+00
	512	0.0000e+00	0.0000e+00	0.0000e+00	7.5059e+01	2.0285e+01	1.7336e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	8.5798e+01	7.9147e+00	1.9897e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	9.7030e+01	6.8457e+00	1.0449e+01
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	7.9577e+01	2.8653e+01	3.6063e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	6.6499e+01	3.4643e+01	1.0025e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	7.3562e+01	2.6562e+01	1.5308e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	8.5470e+01	2.2082e+01	8.8891e+00
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	7.5896e+01	3.3386e+01	-2.0175e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	6.3319e+01	4.0014e+01	9.6033e-02
	511	0.0000e+00	0.0000e+00	0.0000e+00	6.5599e+01	3.7868e+01	6.5871e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	7.7882e+01	3.1632e+01	4.4735e+00
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	7.8267e+01	2.9342e+01	-7.5872e+00
	509	0.0000e+00	0.0000e+00	0.0000e+00	6.5964e+01	3.5419e+01	-1.0089e+01
	510	0.0000e+00	0.0000e+00	0.0000e+00	6.3262e+01	3.9560e+01	-3.6996e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	7.5919e+01	3.2974e+01	-1.1974e+00
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	8.6205e+01	1.7250e+01	-1.1544e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	7.4285e+01	2.1230e+01	-1.8346e+01

	509	0.0000e+00	0.0000e+00	0.0000e+00	6.6736e+01	3.1298e+01	-1.3436e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	8.0026e+01	2.5547e+01	-6.6344e+00
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	9.7918e+01	-2.0797e-02	-1.2111e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	8.6839e+01	-1.6790e-02	-2.1829e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	7.5607e+01	1.4141e+01	-2.0091e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	8.9537e+01	1.0701e+01	-1.0373e+01
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	1.0981e+02	-1.6917e+01	-8.1305e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	9.9520e+01	-2.1704e+01	-1.7570e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	8.8221e+01	-8.2119e+00	-2.0310e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	1.0205e+02	-7.5669e+00	-1.0871e+01
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	1.1710e+02	-2.6224e+01	-7.8497e-01
	505	0.0000e+00	0.0000e+00	0.0000e+00	1.0602e+02	-3.3369e+01	-5.5203e+00
	506	0.0000e+00	0.0000e+00	0.0000e+00	1.0052e+02	-2.7735e+01	-1.1838e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	1.1304e+02	-2.2358e+01	-7.1028e+00
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	1.1961e+02	-1.2292e+01	-1.5465e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	1.1483e+02	-1.2910e+01	3.9281e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	1.2042e+02	-1.7805e+01	3.2489e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	1.2507e+02	-1.7077e+01	-2.2256e+00
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	1.0913e+02	8.8200e-01	-2.0142e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	1.0370e+02	1.0163e+00	6.4971e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	1.1270e+02	-8.0236e+00	6.2284e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	1.1731e+02	-7.3567e+00	-2.2829e+00
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	9.8225e+01	1.5400e+01	-2.1365e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	9.2166e+01	1.6542e+01	6.3703e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	1.0128e+02	7.1007e+00	6.9923e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	1.0628e+02	7.0099e+00	-1.5145e+00
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	9.0176e+01	2.6300e+01	-2.2350e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	8.3762e+01	2.8176e+01	3.7065e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	9.0148e+01	2.1657e+01	5.2063e+00
	490	0.0000e+00	0.0000e+00	0.0000e+00	9.5782e+01	2.0560e+01	-7.3513e-01
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	8.6950e+01	3.0515e+01	-2.3832e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	8.0508e+01	3.2596e+01	-4.0830e-01
	500	0.0000e+00	0.0000e+00	0.0000e+00	8.2627e+01	3.0851e+01	1.5691e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	8.8817e+01	2.9013e+01	-4.0584e-01
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	8.9212e+01	2.6954e+01	-2.3181e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	8.3059e+01	2.8639e+01	-4.7053e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	8.0475e+01	3.2189e+01	-2.8176e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	8.6978e+01	3.0133e+01	-4.3043e-01
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	9.6496e+01	1.6278e+01	-1.6582e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	9.0910e+01	1.6994e+01	-7.9345e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	8.4112e+01	2.5188e+01	-6.7288e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	9.0625e+01	2.3514e+01	-4.5252e-01
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	1.0703e+02	1.1078e+00	-2.7021e-01
	496	0.0000e+00	0.0000e+00	0.0000e+00	1.0212e+02	5.2406e-01	-8.8771e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	9.2797e+01	1.1249e+01	-8.8113e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	9.8972e+01	1.0534e+01	-2.0437e-01
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	1.1747e+02	-1.3668e+01	1.3855e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	1.1300e+02	-1.5315e+01	-6.7098e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	1.0431e+02	-5.8496e+00	-7.8342e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	1.0983e+02	-5.2684e+00	2.6112e-01
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	1.2368e+02	-2.1841e+01	2.4297e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	1.1916e+02	-2.3742e+01	-1.8062e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	1.1475e+02	-1.9846e+01	-3.5858e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	1.1955e+02	-1.8219e+01	6.5009e-01
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	1.1557e+02	-1.4317e+01	-1.0037e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	1.2019e+02	-1.2503e+01	-4.6507e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	1.2546e+02	-1.7502e+01	-2.3580e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	1.2117e+02	-2.0231e+01	-7.7441e+00
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	1.0553e+02	1.4971e+00	-1.2771e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	1.0958e+02	1.1497e+00	-4.5881e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	1.1736e+02	-7.4976e+00	-4.2691e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	1.1427e+02	-8.4770e+00	-1.2452e+01
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	9.5970e+01	1.7460e+01	-1.1206e+01

	490	0.0000e+00	0.0000e+00	0.0000e+00	9.8709e+01	1.5949e+01	-3.4339e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	1.0654e+02	7.0446e+00	-4.7826e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	1.0383e+02	8.2064e+00	-1.2555e+01
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	8.9329e+01	2.8795e+01	-7.3276e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	9.0884e+01	2.6841e+01	-2.0746e+00
	490	0.0000e+00	0.0000e+00	0.0000e+00	9.6394e+01	2.0689e+01	-4.1515e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	9.4421e+01	2.2851e+01	-9.4046e+00
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	8.6810e+01	3.3114e+01	-2.5482e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	8.7848e+01	3.0921e+01	-8.4047e-01
	489	0.0000e+00	0.0000e+00	0.0000e+00	8.9672e+01	2.9255e+01	-3.1141e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	8.8433e+01	3.1567e+01	-4.8218e+00
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	8.8832e+01	2.9659e+01	2.4804e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	9.0093e+01	2.7246e+01	3.6922e-01
	488	0.0000e+00	0.0000e+00	0.0000e+00	8.7831e+01	3.0551e+01	-1.9617e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	8.6832e+01	3.2758e+01	1.4943e-01
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	9.5163e+01	1.8879e+01	7.2367e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	9.7116e+01	1.6524e+01	1.6622e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	9.1265e+01	2.4132e+01	-5.7800e-01
	476	0.0000e+00	0.0000e+00	0.0000e+00	8.9763e+01	2.6217e+01	4.9965e+00
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	1.0469e+02	2.7237e+00	1.0608e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	1.0727e+02	1.3346e+00	2.7373e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	9.9362e+01	1.1227e+01	1.1554e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	9.6710e+01	1.2973e+01	9.0261e+00
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	1.1472e+02	-1.4322e+01	1.0643e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	1.1750e+02	-1.3537e+01	2.8386e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	1.1017e+02	-4.7981e+00	2.9094e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	1.0630e+02	-4.1530e+00	1.0714e+01
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	1.2045e+02	-2.4461e+01	5.9496e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.2394e+02	-2.1929e+01	1.7065e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	1.2004e+02	-1.8165e+01	3.7619e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	1.1579e+02	-1.9706e+01	8.0050e+00
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	9.4428e+01	-2.0142e+01	-1.8430e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	1.1345e+02	-1.6749e+01	-1.2893e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	1.1852e+02	-2.3278e+01	-7.5196e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	1.0053e+02	-3.0534e+01	-1.3057e+01
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	8.5567e+01	3.6013e+00	-2.2626e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	1.0244e+02	1.0466e+00	-1.4484e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	1.0972e+02	-1.0102e+01	-1.4572e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	9.4725e+01	-1.2483e+01	-2.2713e+01
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	7.8855e+01	2.3194e+01	-1.8351e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	9.2386e+01	1.8398e+01	-1.1793e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	9.9297e+01	7.7213e+00	-1.5645e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	8.5180e+01	1.0559e+01	-2.2202e+01
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	7.4788e+01	3.5779e+01	-1.0919e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	8.5844e+01	3.0191e+01	-6.8889e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	9.0406e+01	2.3181e+01	-1.2314e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	7.8359e+01	2.8346e+01	-1.6344e+01
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	7.3443e+01	4.0280e+01	-2.3819e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	8.3467e+01	3.4411e+01	-1.1572e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	8.4913e+01	3.2475e+01	-7.0701e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	7.4469e+01	3.8324e+01	-8.2948e+00
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	7.4891e+01	3.6460e+01	6.3531e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	8.5336e+01	3.0599e+01	4.7166e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	8.3457e+01	3.4062e+01	-1.2294e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	7.3467e+01	3.9985e+01	4.0708e-01
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	7.9212e+01	2.4467e+01	1.4487e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	9.1173e+01	1.9284e+01	1.0086e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	8.6252e+01	2.7645e+01	4.5899e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	7.5250e+01	3.3355e+01	8.9911e+00
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	8.6417e+01	5.0633e+00	2.0350e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	1.0022e+02	2.3518e+00	1.3530e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	9.3153e+01	1.3930e+01	9.6712e+00
	464	0.0000e+00	0.0000e+00	0.0000e+00	7.9723e+01	1.8866e+01	1.6490e+01

2100	462	0.0000e+00	0.0000e+00	0.0000e+00	9.6171e+01	-1.8709e+01	2.0503e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	1.1041e+02	-1.5802e+01	1.2363e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	1.0339e+02	-4.6732e+00	1.2524e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	8.6760e+01	-2.0872e+00	2.0664e+01
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	1.0160e+02	-3.5198e+01	9.8387e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.1791e+02	-2.7374e+01	5.0379e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	1.1406e+02	-2.2221e+01	1.0968e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	9.5752e+01	-2.6149e+01	1.5769e+01
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	4.3400e+01	-3.6013e+01	-2.7138e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	8.8320e+01	-2.5712e+01	-2.1925e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	9.1537e+01	-3.7329e+01	-1.2360e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	5.0705e+01	-4.5983e+01	-1.7574e+01
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	4.2081e+01	-8.1771e-01	-2.8485e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	7.7861e+01	3.1589e+00	-2.3584e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	8.0571e+01	-1.5792e+01	-2.6602e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	4.9263e+01	-5.8341e+00	-3.1503e+01
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	4.2947e+01	2.5935e+01	-2.0982e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	7.0773e+01	2.4588e+01	-1.8372e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	7.3860e+01	9.4317e+00	-2.5591e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	4.5128e+01	2.2393e+01	-2.8201e+01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	4.4040e+01	4.2431e+01	-1.1617e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	6.7043e+01	3.7666e+01	-1.0358e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	6.8824e+01	2.8567e+01	-1.8747e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	4.4801e+01	4.0427e+01	-2.0006e+01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	4.4877e+01	4.9533e+01	-1.5181e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	6.5768e+01	4.1980e+01	-1.2598e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	6.6251e+01	3.9436e+01	-9.9562e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	4.4915e+01	4.9118e+01	-1.0215e+01
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	4.5411e+01	4.7699e+01	8.7549e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	6.6644e+01	3.7624e+01	8.0842e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	6.5819e+01	4.1663e+01	-6.4001e-01
	450	0.0000e+00	0.0000e+00	0.0000e+00	4.4882e+01	4.8877e+01	3.0695e-02
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	4.5827e+01	3.7005e+01	1.8635e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	6.9654e+01	2.4765e+01	1.6959e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	6.7551e+01	3.5233e+01	8.5151e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	4.4546e+01	3.9727e+01	1.0191e+01
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	4.6790e+01	1.7163e+01	2.6859e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	7.5118e+01	4.0185e+00	2.3805e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	7.1763e+01	2.0213e+01	1.6616e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	4.3981e+01	2.1317e+01	1.9670e+01
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	5.1838e+01	-1.2506e+01	2.9788e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	8.2196e+01	-2.1978e+01	2.4386e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	7.9391e+01	-2.7357e+00	2.1782e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	4.3741e+01	-7.0464e+00	2.7184e+01
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	5.4765e+01	-5.3800e+01	1.3954e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	9.2914e+01	-4.2126e+01	8.3220e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	9.0452e+01	-3.2264e+01	1.9650e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	4.5860e+01	-4.3040e+01	2.5282e+01
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	-3.8321e+01	6.6888e+01	-1.9871e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	9.7817e+00	-3.9096e+01	-9.9795e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	6.4838e+01	-5.9416e+01	-1.2971e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-7.3412e+01	-1.5947e+02	-2.2863e+01
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	-2.1764e+01	7.9591e+01	-1.6223e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	1.2269e+01	4.5467e+00	-1.6733e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	3.2428e+01	-1.7414e+01	-2.0412e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-4.2953e+01	-8.5168e+01	-1.9901e+01
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	-9.3293e+00	8.2894e+01	-1.2320e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	1.9214e+01	3.0385e+01	-1.3722e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	3.1012e+01	1.5696e+01	-1.8361e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	-2.3956e+01	-2.7617e+01	-1.6960e+01
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	-2.3170e+00	7.7591e+01	-7.1277e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	2.5125e+01	4.5398e+01	-8.1426e+00
	454	0.0000e+00	0.0000e+00	0.0000e+00	3.1278e+01	3.7187e+01	-1.3476e+01

	455	0.0000e+00	0.0000e+00	0.0000e+00	-1.0518e+01	1.5564e+01	-1.2461e+01
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	-1.2370e-01	6.4032e+01	-9.5266e-01
	450	0.0000e+00	0.0000e+00	0.0000e+00	2.9274e+01	5.0761e+01	-1.5160e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	3.0781e+01	4.8457e+01	-7.2177e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	-2.7677e+00	4.6487e+01	-6.6544e+00
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	-2.4346e+00	4.1546e+01	5.4913e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	3.1750e+01	4.6903e+01	5.3323e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	2.8825e+01	5.0278e+01	-4.1154e-01
	451	0.0000e+00	0.0000e+00	0.0000e+00	1.6993e-01	6.7018e+01	-2.5247e-01
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	-9.5427e+00	8.8375e+00	1.1449e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	3.2778e+01	3.3662e+01	1.1737e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	2.5221e+01	4.2892e+01	6.2868e+00
	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.4038e+00	7.8519e+01	5.9982e+00
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	-2.2263e+01	-3.5873e+01	1.6183e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	3.3146e+01	1.0375e+01	1.6807e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	1.9931e+01	2.5953e+01	1.2009e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-7.7890e+00	8.1711e+01	1.1385e+01
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	-4.0266e+01	-9.4519e+01	1.9389e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	3.5623e+01	-2.4184e+01	1.8885e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	1.3843e+01	-1.6411e+00	1.5087e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	-1.9504e+01	7.6221e+01	1.5591e+01
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	-6.8317e+01	-1.6879e+02	2.2833e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	7.0594e+01	-6.7150e+01	1.0865e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	1.2986e+01	-4.6781e+01	7.8305e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-3.4864e+01	6.0868e+01	1.9798e+01
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	-9.4618e+01	-1.2202e+02	4.2300e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	-2.0106e+02	-2.9129e+01	4.7423e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	-2.7251e+02	-3.3338e+02	2.3113e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	-1.2828e+01	-1.9231e+02	1.7990e+01
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	-8.1361e+01	1.6303e+01	4.7573e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	-1.1332e+02	2.5711e+01	1.6194e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	-1.6303e+02	-4.3942e+01	3.3943e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	-9.4993e+01	-6.9711e+01	6.5323e+01
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	-5.1864e+01	6.1873e+01	3.0059e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	-6.6242e+01	6.8718e+01	8.6625e+00
	439	0.0000e+00	0.0000e+00	0.0000e+00	-9.4819e+01	3.7180e+01	2.0500e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	-6.6471e+01	2.0565e+01	4.1897e+01
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	-3.3251e+01	8.2520e+01	1.5593e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	-4.1352e+01	8.8485e+01	3.5707e+00
	438	0.0000e+00	0.0000e+00	0.0000e+00	-5.6357e+01	7.3554e+01	1.1726e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	-4.2510e+01	6.3358e+01	2.3748e+01
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	-2.5339e+01	8.9571e+01	3.3628e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	-3.1714e+01	9.5532e+01	-8.6131e-01
	437	0.0000e+00	0.0000e+00	0.0000e+00	-3.6794e+01	9.0450e+01	5.7798e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	-2.8784e+01	8.3249e+01	1.0004e+01
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	-2.7238e+01	8.5939e+01	-8.4690e+00
	435	0.0000e+00	0.0000e+00	0.0000e+00	-3.4898e+01	9.2954e+01	-5.5625e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	-3.1317e+01	9.5812e+01	1.0167e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	-2.4953e+01	8.9789e+01	-1.8898e+00
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	-3.8924e+01	6.9542e+01	-2.1926e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-5.1869e+01	7.9336e+01	-1.1368e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-3.8603e+01	9.1610e+01	-3.4304e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	-3.0881e+01	8.5671e+01	-1.3988e+01
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	-6.0677e+01	3.1714e+01	-3.9471e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-8.6973e+01	4.7494e+01	-1.9827e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-6.0702e+01	7.5321e+01	-8.4709e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	-4.7299e+01	6.8596e+01	-2.8115e+01
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	-8.7157e+01	-5.0319e+01	-6.2006e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-1.5045e+02	-2.5994e+01	-3.2654e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.0399e+02	3.7335e+01	-1.5754e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	-7.4382e+01	2.8166e+01	-4.5105e+01
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	-1.2598e+01	-1.6111e+02	-1.8141e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	-2.5083e+02	-2.9369e+02	-2.2628e+01

	432	0.0000e+00	0.0000e+00	0.0000e+00	-1.8578e+02	-1.1474e+01	-4.5576e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	-8.6704e+01	-9.8570e+01	-4.1089e+01
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	2.8394e+01	-8.5575e+01	4.4143e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	-5.4340e+01	-1.0855e+02	5.7706e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	-3.3008e+01	-1.5532e+02	2.2953e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	3.4436e+01	-1.0942e+02	9.3907e+00
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	2.0678e+00	-9.6568e+00	4.9544e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	-5.0554e+01	-1.6352e+00	5.9981e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	-3.7196e+01	-5.1609e+01	6.6534e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	9.7768e+00	-5.6574e+01	5.6096e+01
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	-5.9452e+00	3.9744e+01	3.7394e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	-3.4976e+01	5.1923e+01	3.5801e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	-4.2872e+01	2.4826e+01	5.1855e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	-1.2649e+00	5.1891e+00	5.3448e+01
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	-4.1888e+00	6.4936e+01	2.0775e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	-2.3069e+01	7.6698e+01	1.7380e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	-3.0238e+01	6.3258e+01	3.1969e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	-3.8727e+00	4.6106e+01	3.5365e+01
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	-1.9715e+00	7.3946e+01	3.6703e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	-1.7675e+01	8.5932e+01	2.0233e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	-2.0606e+01	8.1258e+01	1.5083e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	-2.3647e+00	6.7361e+01	1.6730e+01
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	-1.6181e+00	7.0202e+01	-1.3725e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	-1.9262e+01	8.3779e+01	-1.2840e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	-1.7387e+01	8.6335e+01	1.1734e-01
	415	0.0000e+00	0.0000e+00	0.0000e+00	-1.7076e+00	7.4232e+01	-7.6711e-01
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	-2.3196e+00	5.2576e+01	-3.2123e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	-2.7290e+01	6.9188e+01	-2.9377e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	-2.1132e+01	8.0142e+01	-1.5081e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	-2.9369e+00	6.8420e+01	-1.7826e+01
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	4.2434e-01	1.6362e+01	-5.0102e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	-3.8617e+01	3.5402e+01	-4.8731e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	-3.1399e+01	5.9194e+01	-3.3033e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	-4.0260e+00	4.7125e+01	-3.4405e+01
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	1.0322e+01	-3.9579e+01	-5.4080e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	-3.3585e+01	-3.3881e+01	-6.3410e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	-4.5611e+01	1.1340e+01	-5.6356e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	3.5173e+00	3.0581e+00	-4.7026e+01
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	3.3203e+01	-8.8647e+01	-1.3892e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	-3.2992e+01	-1.2774e+02	-2.5122e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	-4.9448e+01	-8.5903e+01	-5.4955e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	2.6993e+01	-6.5875e+01	-4.3725e+01
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	7.2752e+01	-5.3275e+01	2.8043e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	3.1365e+01	-6.9423e+01	3.6869e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	4.4076e+01	-9.0933e+01	1.5101e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	7.7855e+01	-6.3942e+01	6.2751e+00
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	5.3430e+01	-1.4323e+01	3.7424e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	1.5674e+01	-1.0356e+01	5.2285e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	3.5512e+01	-4.8828e+01	4.9032e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	6.3586e+01	-3.8415e+01	3.4171e+01
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	3.7800e+01	2.2914e+01	3.1770e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	9.2407e+00	3.3655e+01	4.0637e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	1.8179e+01	7.3816e+00	4.9887e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	4.6758e+01	-2.0972e-01	4.1020e+01
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	3.0041e+01	4.6568e+01	1.8684e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	8.3208e+00	5.9079e+01	2.2370e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.0676e+01	4.5189e+01	3.5598e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	3.5127e+01	3.1486e+01	3.1911e+01
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	2.7850e+01	5.6227e+01	3.0000e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	8.8606e+00	6.9463e+01	3.8751e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	9.0506e+00	6.4548e+01	1.7666e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	2.9427e+01	5.0453e+01	1.6791e+01
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	2.9495e+01	5.3256e+01	-1.3276e+01



	414	0.0000e+00	0.0000e+00	0.0000e+00	9.5753e+00	6.7187e+01	-1.4300e+01
	415	0.0000e+00	0.0000e+00	0.0000e+00	9.0351e+00	6.9947e+01	-5.3745e-01
	404	0.0000e+00	0.0000e+00	0.0000e+00	2.7969e+01	5.6603e+01	4.8627e-01
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	3.5173e+01	3.7713e+01	-2.8545e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.1633e+01	5.1374e+01	-3.2174e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	9.1963e+00	6.2780e+01	-1.8933e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	3.0284e+01	5.0200e+01	-1.5304e+01
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	4.6318e+01	9.7733e+00	-3.8477e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.8859e+01	1.8038e+01	-4.6814e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.0557e+01	4.1174e+01	-3.7111e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	3.7794e+01	3.0208e+01	-2.8774e+01
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	6.2116e+01	-2.5044e+01	-3.4173e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	3.4791e+01	-3.2803e+01	-4.7885e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.6738e+01	1.9168e+00	-4.9350e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	5.2494e+01	-2.9379e+00	-3.5639e+01
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	7.6352e+01	-4.9558e+01	-1.1083e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	4.1550e+01	-7.2165e+01	-1.9209e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	3.1019e+01	-5.1741e+01	-3.7138e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	7.0482e+01	-3.8816e+01	-2.9012e+01
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	9.8211e+01	-3.3250e+01	1.6233e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	7.5468e+01	-4.3503e+01	2.2265e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	8.3303e+01	-5.3667e+01	9.6840e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	1.0255e+02	-3.8987e+01	3.6525e+00
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	8.4279e+01	-1.1128e+01	2.3442e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	6.0438e+01	-1.1080e+01	3.5399e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	7.5865e+01	-3.3201e+01	3.1260e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	9.2986e+01	-2.4950e+01	1.9303e+01
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	6.9509e+01	1.4175e+01	2.1286e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	4.7843e+01	2.0962e+01	3.1973e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	6.0370e+01	1.0689e+00	3.6366e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	7.8552e+01	-8.4935e-01	2.5678e+01
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	5.9411e+01	3.3050e+01	1.3058e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	4.0573e+01	4.2804e+01	1.9593e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	4.7465e+01	3.0319e+01	2.8684e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	6.5708e+01	2.2056e+01	2.2149e+01
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	5.5434e+01	4.1791e+01	2.0530e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	3.8182e+01	5.2554e+01	4.2399e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	4.0312e+01	4.7805e+01	1.5014e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	5.7719e+01	3.7215e+01	1.2827e+01
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	5.7427e+01	3.9801e+01	-9.4348e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	4.0218e+01	5.0435e+01	-1.1374e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	3.8279e+01	5.3049e+01	-5.4036e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	5.5452e+01	4.2213e+01	1.3989e+00
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	6.5076e+01	2.7641e+01	-1.9174e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	4.7164e+01	3.6282e+01	-2.5345e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	4.0680e+01	4.6460e+01	-1.5967e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	5.9106e+01	3.6515e+01	-9.7961e+00
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	7.7516e+01	7.5151e+00	-2.3843e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	5.9506e+01	1.0594e+01	-3.4013e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	4.7770e+01	2.8012e+01	-2.8776e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	6.8725e+01	2.0712e+01	-1.8606e+01
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	9.1697e+01	-1.4767e+01	-1.9796e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	7.4391e+01	-2.0614e+01	-3.1336e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	5.9860e+01	-5.6881e-01	-3.3633e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	8.2937e+01	-1.8634e+00	-2.2093e+01
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	1.0223e+02	-2.9273e+01	-7.6886e+00
	399	0.0000e+00	0.0000e+00	0.0000e+00	8.1563e+01	-4.0589e+01	-1.4030e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	7.4295e+01	-3.0519e+01	-2.3654e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	9.6694e+01	-2.2763e+01	-1.7312e+01
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	1.1311e+02	-2.2393e+01	7.0775e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	1.0058e+02	-2.7758e+01	1.1818e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	1.0608e+02	-3.3395e+01	5.5117e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	1.1717e+02	-2.6262e+01	7.7121e-01

2163	385	0.0000e+00	0.0000e+00	0.0000e+00	1.0211e+02	-7.5923e+00	1.0831e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	8.8270e+01	-8.2291e+00	2.0278e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	9.9576e+01	-2.1724e+01	1.7547e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	1.0987e+02	-1.6948e+01	8.1000e+00
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	8.9579e+01	1.0687e+01	1.0324e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	7.5644e+01	1.4132e+01	2.0050e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	8.6884e+01	-2.9770e-02	2.1794e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	9.7971e+01	-4.1762e-02	1.2068e+01
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	8.0054e+01	2.5546e+01	6.5811e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	6.6761e+01	3.1297e+01	1.3393e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	7.4318e+01	2.1225e+01	1.8305e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	8.6245e+01	1.7241e+01	1.1493e+01
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	7.5933e+01	3.2986e+01	1.1465e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	6.3274e+01	3.9568e+01	3.6583e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	6.5984e+01	3.5423e+01	1.0046e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	7.8292e+01	2.9346e+01	7.5345e+00
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	7.7884e+01	3.1659e+01	-4.5164e+00
	392	0.0000e+00	0.0000e+00	0.0000e+00	6.5600e+01	3.7887e+01	-6.6213e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	6.3327e+01	4.0028e+01	-1.3596e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	7.5908e+01	3.3403e+01	1.9690e+00
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	8.5462e+01	2.2124e+01	-8.9179e+00
	391	0.0000e+00	0.0000e+00	0.0000e+00	7.3554e+01	2.6591e+01	-1.5330e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	6.6496e+01	3.4667e+01	-1.0057e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	7.9578e+01	2.8685e+01	-3.6450e+00
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	9.7015e+01	6.9022e+00	-1.0458e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	8.5784e+01	7.9553e+00	-1.9901e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	7.5048e+01	2.0319e+01	-1.7354e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	8.8692e+01	1.6325e+01	-7.9108e+00
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	1.0925e+02	-9.1167e+00	-8.1394e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	9.8582e+01	-1.2154e+01	-1.7722e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	8.7429e+01	2.8976e-01	-1.9034e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	1.0106e+02	-1.4746e-01	-9.4513e+00
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	1.1805e+02	-1.9635e+01	-3.0645e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	1.0601e+02	-2.4556e+01	-8.7805e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	9.9942e+01	-1.8323e+01	-1.3087e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	1.1258e+02	-1.4709e+01	-7.3712e+00
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	1.1962e+02	-1.8273e+01	-6.8471e-01
	386	0.0000e+00	0.0000e+00	0.0000e+00	1.1482e+02	-1.9885e+01	3.5568e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	1.1924e+02	-2.3784e+01	1.7926e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	1.2377e+02	-2.1900e+01	-2.4489e+00
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	1.0989e+02	-5.3073e+00	-3.1514e-01
	385	0.0000e+00	0.0000e+00	0.0000e+00	1.0437e+02	-5.8789e+00	7.7900e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	1.1307e+02	-1.5351e+01	6.6775e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	1.1755e+02	-1.3717e+01	-1.4277e+00
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	9.9021e+01	1.0514e+01	1.3936e-01
	384	0.0000e+00	0.0000e+00	0.0000e+00	9.2843e+01	1.1233e+01	8.7577e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	1.0217e+02	5.0099e-01	8.8303e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	1.0709e+02	1.0759e+00	2.1196e-01
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	9.0659e+01	2.3513e+01	3.8435e-01
	383	0.0000e+00	0.0000e+00	0.0000e+00	8.4143e+01	2.5186e+01	6.6721e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	9.0951e+01	1.6985e+01	7.8795e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	9.6542e+01	1.6266e+01	1.5918e+00
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	8.6997e+01	3.0151e+01	3.6569e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	8.0491e+01	3.2203e+01	2.7636e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	8.3084e+01	2.8644e+01	4.6488e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	8.9243e+01	2.6960e+01	2.2509e+00
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	8.8823e+01	2.9051e+01	3.5067e-01
	381	0.0000e+00	0.0000e+00	0.0000e+00	8.2630e+01	3.0881e+01	-1.6143e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	8.0520e+01	3.2616e+01	3.5624e-01
	371	0.0000e+00	0.0000e+00	0.0000e+00	8.6967e+01	3.0540e+01	2.3212e+00
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	9.5776e+01	2.0620e+01	6.9624e-01
	380	0.0000e+00	0.0000e+00	0.0000e+00	9.0139e+01	2.1703e+01	-5.2365e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	8.3761e+01	2.8212e+01	-3.7482e+00

	370	0.0000e+00	0.0000e+00	0.0000e+00	9.0180e+01	2.6346e+01	2.1845e+00
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	1.0627e+02	7.0924e+00	1.4998e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	1.0126e+02	7.1639e+00	-7.0003e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	9.2154e+01	1.6595e+01	-6.3953e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	9.8218e+01	1.5467e+01	2.1048e+00
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	1.1729e+02	-7.2554e+00	2.3014e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	1.1268e+02	-7.9470e+00	-6.2074e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	1.0368e+02	1.0852e+00	-6.4987e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	1.0912e+02	9.7088e-01	2.0101e+00
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	1.2506e+02	-1.6969e+01	2.2843e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	1.2040e+02	-1.7724e+01	-3.1953e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	1.1481e+02	-1.2831e+01	-3.9001e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	1.1959e+02	-1.2188e+01	1.5795e+00
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	1.1587e+02	-1.9785e+01	-8.0504e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	1.2012e+02	-1.8226e+01	-3.8008e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	1.2403e+02	-2.1995e+01	-1.7248e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	1.2054e+02	-2.4550e+01	-5.9744e+00
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	1.0637e+02	-4.2076e+00	-1.0783e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	1.1024e+02	-4.8419e+00	-2.9675e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	1.1758e+02	-1.3591e+01	-2.8829e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	1.1480e+02	-1.4393e+01	-1.0699e+01
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	9.6758e+01	1.2946e+01	-9.1067e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	9.9414e+01	1.1205e+01	-1.2239e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	1.0733e+02	1.2995e+00	-2.7993e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	1.0475e+02	2.6801e+00	-1.0682e+01
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	8.9798e+01	2.6216e+01	-5.0790e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	9.1300e+01	2.4131e+01	5.0666e-01
	373	0.0000e+00	0.0000e+00	0.0000e+00	9.7162e+01	1.6510e+01	-1.7326e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	9.5210e+01	1.8862e+01	-7.3183e+00
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	8.6855e+01	3.2782e+01	-2.2724e-01
	371	0.0000e+00	0.0000e+00	0.0000e+00	8.7852e+01	3.0571e+01	1.8941e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	9.0123e+01	2.7253e+01	-4.4027e-01
	361	0.0000e+00	0.0000e+00	0.0000e+00	8.8866e+01	2.9668e+01	-2.5616e+00
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	8.8445e+01	3.1618e+01	4.7547e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	8.9679e+01	2.9297e+01	3.0564e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	8.7864e+01	3.0948e+01	7.7523e-01
	360	0.0000e+00	0.0000e+00	0.0000e+00	8.6832e+01	3.3148e+01	2.4735e+00
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	9.4423e+01	2.2931e+01	9.3547e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	9.6389e+01	2.0755e+01	4.1107e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	9.0887e+01	2.6891e+01	2.0214e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	8.9341e+01	2.8856e+01	7.2654e+00
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	1.0382e+02	8.3187e+00	1.2532e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	1.0652e+02	7.1355e+00	4.7674e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	9.8700e+01	1.6024e+01	3.3999e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	9.5973e+01	1.7551e+01	1.1164e+01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	1.1426e+02	-8.3342e+00	1.2467e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	1.1734e+02	-7.3856e+00	4.2900e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	1.0956e+02	1.2495e+00	4.5817e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	1.0552e+02	1.6199e+00	1.2759e+01
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	1.2116e+02	-2.0075e+01	7.8120e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	1.2544e+02	-1.7382e+01	2.4233e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	1.2017e+02	-1.2386e+01	4.6816e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	1.1555e+02	-1.4168e+01	1.0070e+01
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	9.5806e+01	-2.6262e+01	-1.5826e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	1.1414e+02	-2.2312e+01	-1.1018e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	1.1799e+02	-2.7474e+01	-5.0610e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	1.0166e+02	-3.5329e+01	-9.8694e+00
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	8.6803e+01	-2.1551e+00	-2.0748e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	1.0345e+02	-4.7330e+00	-1.2596e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	1.1048e+02	-1.5882e+01	-1.2421e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	9.6229e+01	-1.8807e+01	-2.0573e+01
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	7.9759e+01	1.8836e+01	-1.6582e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	9.3201e+01	1.3902e+01	-9.7535e+00

	363	0.0000e+00	0.0000e+00	0.0000e+00	1.0028e+02	2.3032e+00	-1.3608e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	8.6462e+01	5.0081e+00	-2.0437e+01
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	7.5281e+01	3.3358e+01	-9.0826e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	8.6287e+01	2.7646e+01	-4.6740e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	9.1218e+01	1.9266e+01	-1.0171e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	7.9249e+01	2.4448e+01	-1.4579e+01
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	7.3495e+01	4.0018e+01	-4.9287e-01
	360	0.0000e+00	0.0000e+00	0.0000e+00	8.3481e+01	3.4090e+01	1.1501e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	8.5369e+01	3.0608e+01	-4.8003e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	7.4923e+01	3.6473e+01	-6.4432e+00
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	7.4493e+01	3.8390e+01	8.2200e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	8.4928e+01	3.2531e+01	7.0014e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	8.3489e+01	3.4448e+01	1.0806e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	7.3472e+01	4.0323e+01	2.2992e+00
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	7.8378e+01	2.8447e+01	1.6287e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	9.0412e+01	2.3269e+01	1.2263e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	8.5856e+01	3.0257e+01	6.8255e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	7.4813e+01	3.5855e+01	1.0849e+01
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	8.5194e+01	1.0703e+01	2.2170e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	9.9291e+01	7.8441e+00	1.5620e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	9.2388e+01	1.8497e+01	1.1750e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	7.8877e+01	2.3307e+01	1.8300e+01
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	9.4728e+01	-1.2291e+01	2.2719e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	1.0970e+02	-9.9459e+00	1.4587e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	1.0243e+02	1.1820e+00	1.4471e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	8.5583e+01	3.7582e+00	2.2603e+01
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	1.0053e+02	-3.0311e+01	1.3127e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	1.1850e+02	-2.3105e+01	7.5935e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	1.1343e+02	-1.6581e+01	1.2923e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	9.4434e+01	-1.9937e+01	1.8457e+01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	4.5845e+01	-4.3200e+01	-2.5353e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	9.0505e+01	-3.2393e+01	-1.9713e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	9.2971e+01	-4.2276e+01	-8.3500e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	5.4763e+01	-5.3987e+01	-1.3990e+01
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	4.3737e+01	-7.1400e+00	-2.7270e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	7.9429e+01	-2.8068e+00	-2.1866e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	8.2235e+01	-2.2087e+01	-2.4463e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	5.1838e+01	-1.2606e+01	-2.9867e+01
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	4.3988e+01	2.1272e+01	-1.9760e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	7.1796e+01	2.0183e+01	-1.6707e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	7.5151e+01	3.9567e+00	-2.3896e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	4.6794e+01	1.7113e+01	-2.6948e+01
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	4.4564e+01	3.9723e+01	-1.0281e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	6.7581e+01	3.5238e+01	-8.6068e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	6.9683e+01	2.4743e+01	-1.7053e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	4.5842e+01	3.6997e+01	-1.8727e+01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	4.4911e+01	4.8909e+01	-1.1465e-01
	349	0.0000e+00	0.0000e+00	0.0000e+00	6.5849e+01	4.1701e+01	5.5394e-01
	350	0.0000e+00	0.0000e+00	0.0000e+00	6.6672e+01	3.7636e+01	-8.1753e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	4.5437e+01	4.7727e+01	-8.8439e+00
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	4.4954e+01	4.9187e+01	1.0141e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	6.6279e+01	3.9508e+01	9.8810e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	6.5795e+01	4.2024e+01	1.1767e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	4.4913e+01	4.9596e+01	1.4372e+00
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	4.4849e+01	4.0536e+01	1.9949e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	6.8851e+01	2.8677e+01	1.8688e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	6.7070e+01	3.7745e+01	1.0289e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	4.4086e+01	4.2533e+01	1.1549e+01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	4.5185e+01	2.2550e+01	2.8166e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	7.3884e+01	9.5877e+00	2.5556e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	7.0797e+01	2.4708e+01	1.8321e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	4.3003e+01	2.6083e+01	2.0932e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	4.9317e+01	-5.6172e+00	3.1498e+01

	345	0.0000e+00	0.0000e+00	0.0000e+00	8.0590e+01	-1.5584e+01	2.6602e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	7.7879e+01	3.3270e+00	2.3562e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	4.2146e+01	-6.1391e-01	2.8457e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	5.0756e+01	-4.5674e+01	1.7636e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	9.1533e+01	-3.7083e+01	1.2435e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	8.8323e+01	-2.5482e+01	2.1946e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	4.3468e+01	-3.5741e+01	2.7147e+01
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	-3.4973e+01	6.0874e+01	-1.9818e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	1.2914e+01	-4.6942e+01	-7.8637e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	7.0633e+01	-6.7371e+01	-1.0904e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-6.8565e+01	-1.6916e+02	-2.2858e+01
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	-1.9569e+01	7.6257e+01	-1.5640e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	1.3802e+01	-1.7253e+00	-1.5148e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	3.5601e+01	-2.4310e+01	-1.8937e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	-4.0375e+01	-9.4785e+01	-1.9428e+01
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	-7.8172e+00	8.1779e+01	-1.1445e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	1.9913e+01	2.5917e+01	-1.2078e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	3.3146e+01	1.0309e+01	-1.6872e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	-2.2329e+01	-3.6052e+01	-1.6239e+01
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	-1.3989e+00	7.8618e+01	-6.0603e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	2.5222e+01	4.2898e+01	-6.3581e+00
	337	0.0000e+00	0.0000e+00	0.0000e+00	3.2793e+01	3.3642e+01	-1.1809e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	-9.5708e+00	8.7247e+00	-1.1511e+01
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	2.0590e-01	6.7152e+01	1.9507e-01
	333	0.0000e+00	0.0000e+00	0.0000e+00	2.8842e+01	5.0321e+01	3.4555e-01
	335	0.0000e+00	0.0000e+00	0.0000e+00	3.1782e+01	4.6923e+01	-5.4028e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-2.4295e+00	4.1484e+01	-5.5533e+00
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.7016e+00	4.6666e+01	6.6078e+00
	331	0.0000e+00	0.0000e+00	0.0000e+00	3.0814e+01	4.8540e+01	7.1634e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	2.9321e+01	5.0819e+01	1.4532e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-8.7863e-02	6.4010e+01	8.9765e-01
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.0422e+01	1.5800e+01	1.2431e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	3.1324e+01	3.7314e+01	1.3439e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	2.5189e+01	4.5497e+01	8.0938e+00
	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.2520e+00	7.7603e+01	7.0858e+00
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-2.3828e+01	-2.7308e+01	1.6952e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	3.1071e+01	1.5875e+01	1.8348e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	1.9296e+01	3.0531e+01	1.3693e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-9.2355e+00	8.2940e+01	1.2297e+01
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-4.2792e+01	-8.4769e+01	1.9921e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	3.2496e+01	-1.7168e+01	2.0428e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	1.2369e+01	4.7479e+00	1.6732e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-2.1640e+01	7.9675e+01	1.6224e+01
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.3157e+01	-1.5896e+02	2.2899e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	6.4821e+01	-5.9077e+01	1.3022e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	9.8953e+00	-3.8809e+01	1.0025e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	-3.8168e+01	6.7009e+01	1.9903e+01
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	-8.6861e+01	-9.7201e+01	4.1135e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	-1.8585e+02	-1.0313e+01	4.5696e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	-2.5073e+02	-2.9213e+02	2.2881e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	-1.2770e+01	-1.6003e+02	1.8321e+01
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	-7.4749e+01	2.9516e+01	4.5105e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	-1.0436e+02	3.8672e+01	1.5952e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	-1.5062e+02	-2.4669e+01	3.2836e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-8.7328e+01	-4.8974e+01	6.1988e+01
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	-4.8058e+01	6.9869e+01	2.8090e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	-6.1494e+01	7.6587e+01	8.7409e+00
	322	0.0000e+00	0.0000e+00	0.0000e+00	-8.7455e+01	4.8870e+01	2.0082e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	-6.1150e+01	3.3112e+01	3.9431e+01
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	-3.2218e+01	8.6574e+01	1.3913e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	-4.0008e+01	9.2520e+01	3.7756e+00
	321	0.0000e+00	0.0000e+00	0.0000e+00	-5.2833e+01	8.0594e+01	1.1710e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	-3.9855e+01	7.0816e+01	2.1847e+01

2226 309 0.0000e+00 0.0000e+00 0.0000e+00 -2.7100e+01 8.9848e+01 1.7302e+00  
319 0.0000e+00 0.0000e+00 0.0000e+00 -3.3597e+01 9.5909e+01 -6.0106e-01  
320 0.0000e+00 0.0000e+00 0.0000e+00 -3.6566e+01 9.3773e+01 5.9938e+00  
310 0.0000e+00 0.0000e+00 0.0000e+00 -2.8836e+01 8.6764e+01 8.3250e+00

2227 308 0.0000e+00 0.0000e+00 0.0000e+00 -3.2016e+01 8.1743e+01 -1.0299e+01  
318 0.0000e+00 0.0000e+00 0.0000e+00 -4.0288e+01 8.9038e+01 -5.3144e+00  
319 0.0000e+00 0.0000e+00 0.0000e+00 -3.4378e+01 9.5402e+01 1.3777e+00  
309 0.0000e+00 0.0000e+00 0.0000e+00 -2.7864e+01 8.9434e+01 -3.6072e+00

2228 307 0.0000e+00 0.0000e+00 0.0000e+00 -4.7127e+01 5.9199e+01 -2.4258e+01  
317 0.0000e+00 0.0000e+00 0.0000e+00 -6.1513e+01 6.9601e+01 -1.1259e+01  
318 0.0000e+00 0.0000e+00 0.0000e+00 -4.5390e+01 8.6638e+01 -2.9863e+00  
308 0.0000e+00 0.0000e+00 0.0000e+00 -3.7013e+01 8.0645e+01 -1.5986e+01

2229 306 0.0000e+00 0.0000e+00 0.0000e+00 -7.2746e+01 1.2064e+01 -4.2753e+01  
316 0.0000e+00 0.0000e+00 0.0000e+00 -1.0226e+02 2.9123e+01 -2.0142e+01  
317 0.0000e+00 0.0000e+00 0.0000e+00 -7.2164e+01 6.4010e+01 -8.0547e+00  
307 0.0000e+00 0.0000e+00 0.0000e+00 -5.7203e+01 5.7114e+01 -3.0666e+01

2230 305 0.0000e+00 0.0000e+00 0.0000e+00 -1.0277e+02 -8.5454e+01 -6.6671e+01  
315 0.0000e+00 0.0000e+00 0.0000e+00 -1.7389e+02 -5.8874e+01 -3.3863e+01  
316 0.0000e+00 0.0000e+00 0.0000e+00 -1.2188e+02 1.6371e+01 -1.5633e+01  
306 0.0000e+00 0.0000e+00 0.0000e+00 -8.8565e+01 6.8226e+00 -4.8440e+01

2231 206 0.0000e+00 0.0000e+00 0.0000e+00 -1.5341e+01 -2.1769e+02 -1.7033e+01  
13 0.0000e+00 0.0000e+00 0.0000e+00 -2.8869e+02 -3.6429e+02 -2.3089e+01  
315 0.0000e+00 0.0000e+00 0.0000e+00 -2.1359e+02 -4.3976e+01 -4.8093e+01  
305 0.0000e+00 0.0000e+00 0.0000e+00 -1.0267e+02 -1.4103e+02 -4.2036e+01

2232 303 0.0000e+00 0.0000e+00 0.0000e+00 2.6788e+01 -6.4705e+01 4.3594e+01  
313 0.0000e+00 0.0000e+00 0.0000e+00 -4.9621e+01 -8.4594e+01 5.4953e+01  
314 0.0000e+00 0.0000e+00 0.0000e+00 -3.3026e+01 -1.2671e+02 2.5206e+01  
304 0.0000e+00 0.0000e+00 0.0000e+00 3.3119e+01 -8.7648e+01 1.3847e+01

2233 302 0.0000e+00 0.0000e+00 0.0000e+00 3.1135e+00 4.3199e+00 4.6748e+01  
312 0.0000e+00 0.0000e+00 0.0000e+00 -4.5989e+01 1.2695e+01 5.6233e+01  
313 0.0000e+00 0.0000e+00 0.0000e+00 -3.3810e+01 -3.2572e+01 6.3375e+01  
303 0.0000e+00 0.0000e+00 0.0000e+00 1.0078e+01 -3.8351e+01 5.3890e+01

2234 301 0.0000e+00 0.0000e+00 0.0000e+00 -4.7543e+00 4.8267e+01 3.3937e+01  
311 0.0000e+00 0.0000e+00 0.0000e+00 -3.2145e+01 6.0462e+01 3.2820e+01  
312 0.0000e+00 0.0000e+00 0.0000e+00 -3.9082e+01 3.6769e+01 4.8622e+01  
302 0.0000e+00 0.0000e+00 0.0000e+00 -7.0843e-02 1.7648e+01 4.9739e+01

2235 300 0.0000e+00 0.0000e+00 0.0000e+00 -4.1515e+00 6.9141e+01 1.7114e+01  
310 0.0000e+00 0.0000e+00 0.0000e+00 -2.2427e+01 8.1037e+01 1.4730e+01  
311 0.0000e+00 0.0000e+00 0.0000e+00 -2.8184e+01 7.0421e+01 2.9171e+01  
301 0.0000e+00 0.0000e+00 0.0000e+00 -3.2058e+00 5.3699e+01 3.1555e+01

2236 299 0.0000e+00 0.0000e+00 0.0000e+00 -3.5715e+00 7.4057e+01 -2.4694e-01  
309 0.0000e+00 0.0000e+00 0.0000e+00 -1.9440e+01 8.6395e+01 -6.6035e-01  
310 0.0000e+00 0.0000e+00 0.0000e+00 -2.0782e+01 8.4542e+01 1.2489e+01  
300 0.0000e+00 0.0000e+00 0.0000e+00 -3.0638e+00 7.0821e+01 1.2902e+01

2237 298 0.0000e+00 0.0000e+00 0.0000e+00 -5.0128e+00 6.5576e+01 -1.8094e+01  
308 0.0000e+00 0.0000e+00 0.0000e+00 -2.3645e+01 7.9782e+01 -1.5885e+01  
309 0.0000e+00 0.0000e+00 0.0000e+00 -2.0053e+01 8.5694e+01 -2.5815e+00  
299 0.0000e+00 0.0000e+00 0.0000e+00 -4.1460e+00 7.3535e+01 -4.7908e+00

2238 297 0.0000e+00 0.0000e+00 0.0000e+00 -7.3270e+00 4.1674e+01 -3.7074e+01  
307 0.0000e+00 0.0000e+00 0.0000e+00 -3.4451e+01 5.9208e+01 -3.3102e+01  
308 0.0000e+00 0.0000e+00 0.0000e+00 -2.6547e+01 7.4651e+01 -1.8227e+01  
298 0.0000e+00 0.0000e+00 0.0000e+00 -7.2142e+00 6.2704e+01 -2.2199e+01

2239 296 0.0000e+00 0.0000e+00 0.0000e+00 -5.2186e+00 -3.3269e+00 -5.5304e+01  
306 0.0000e+00 0.0000e+00 0.0000e+00 -4.8237e+01 1.6650e+01 -5.3350e+01  
307 0.0000e+00 0.0000e+00 0.0000e+00 -3.9744e+01 4.6843e+01 -3.7051e+01  
297 0.0000e+00 0.0000e+00 0.0000e+00 -9.7679e+00 3.4517e+01 -3.9005e+01

2240 295 0.0000e+00 0.0000e+00 0.0000e+00 5.8465e+00 -7.0798e+01 -5.7098e+01  
305 0.0000e+00 0.0000e+00 0.0000e+00 -4.2460e+01 -6.6344e+01 -6.7966e+01  
306 0.0000e+00 0.0000e+00 0.0000e+00 -5.6592e+01 -1.1769e+01 -6.1798e+01  
296 0.0000e+00 0.0000e+00 0.0000e+00 -1.9582e+00 -1.9540e+01 -5.0929e+01

2241 195 0.0000e+00 0.0000e+00 0.0000e+00 3.3844e+01 -1.2977e+02 -6.6690e+00  
206 0.0000e+00 0.0000e+00 0.0000e+00 -3.9156e+01 -1.7915e+02 -2.1549e+01  
305 0.0000e+00 0.0000e+00 0.0000e+00 -6.0638e+01 -1.2649e+02 -5.8648e+01

	295	0.0000e+00	0.0000e+00	0.0000e+00	2.5291e+01	-1.0235e+02	-4.3767e+01
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	7.0248e+01	-3.7831e+01	2.8726e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	3.0826e+01	-5.0621e+01	3.6965e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	4.1491e+01	-7.1206e+01	1.9149e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	7.6212e+01	-4.8689e+01	1.0910e+01
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	5.2056e+01	-1.9087e+00	3.5108e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	1.6346e+01	3.1210e+00	4.8972e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	3.4566e+01	-3.1628e+01	4.7667e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	6.1818e+01	-2.4012e+01	3.3803e+01
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	3.7060e+01	3.1066e+01	2.7927e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	9.8523e+00	4.2258e+01	3.6482e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	1.8395e+01	1.9251e+01	4.6390e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	4.5784e+01	1.0808e+01	3.7835e+01
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	2.9142e+01	5.0580e+01	1.4074e+01
	300	0.0000e+00	0.0000e+00	0.0000e+00	8.0409e+00	6.3439e+01	1.7996e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.0805e+01	5.2399e+01	3.1488e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	3.4295e+01	3.8521e+01	2.7566e+01
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	2.6313e+01	5.6057e+01	-2.1448e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	7.2915e+00	6.9718e+01	-7.6576e-01
	300	0.0000e+00	0.0000e+00	0.0000e+00	8.2297e+00	6.7681e+01	1.3285e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	2.8158e+01	5.3495e+01	1.1906e+01
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	2.7202e+01	4.8348e+01	-1.8854e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	6.6243e+00	6.2745e+01	-1.9358e+01
	299	0.0000e+00	0.0000e+00	0.0000e+00	6.8479e+00	6.8898e+01	-5.2807e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	2.5960e+01	5.5397e+01	-4.7762e+00
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	3.2389e+01	2.6988e+01	-3.4187e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	7.6087e+00	4.0830e+01	-3.7594e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	5.5403e+00	5.6679e+01	-2.4190e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	2.7580e+01	4.3957e+01	-2.0783e+01
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	4.3759e+01	-8.0392e+00	-4.2932e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	1.4793e+01	-8.7499e-01	-5.1801e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	5.7327e+00	2.8327e+01	-4.2762e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	3.4919e+01	1.7578e+01	-3.3894e+01
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	6.0535e+01	-5.0232e+01	-3.4426e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	3.2684e+01	-6.2405e+01	-4.9746e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	1.1772e+01	-2.0028e+01	-5.4195e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	5.0527e+01	-2.3385e+01	-3.8875e+01
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	7.6194e+01	-7.9023e+01	-2.6177e+00
	195	0.0000e+00	0.0000e+00	0.0000e+00	4.0728e+01	-1.1019e+02	-1.1979e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	2.7838e+01	-8.4557e+01	-3.6653e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	7.0189e+01	-6.6820e+01	-2.7292e+01
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	9.6360e+01	-2.2021e+01	1.6865e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	7.4046e+01	-2.9605e+01	2.3315e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	8.1442e+01	-3.9774e+01	1.3842e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	1.0198e+02	-2.8583e+01	7.3918e+00
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	8.2397e+01	-1.1625e+00	2.1325e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	5.9420e+01	3.6885e-01	3.3011e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	7.4114e+01	-1.9662e+01	3.0929e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	9.1290e+01	-1.4004e+01	1.9242e+01
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	6.7900e+01	2.1167e+01	1.7425e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	4.7052e+01	2.8763e+01	2.7792e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	5.9003e+01	1.1522e+01	3.3303e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	7.6872e+01	8.1954e+00	2.2937e+01
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	5.7904e+01	3.6440e+01	8.1295e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	3.9582e+01	4.6724e+01	1.4551e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	4.6335e+01	3.6956e+01	2.4251e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	6.4112e+01	2.8016e+01	1.7830e+01
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	5.3784e+01	4.1220e+01	-3.5743e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	3.6712e+01	5.2393e+01	-1.3422e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	3.8951e+01	5.0522e+01	9.8280e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	5.6051e+01	3.9557e+01	7.5959e+00
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	5.5524e+01	3.4809e+01	-1.5423e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	3.8231e+01	4.5626e+01	-1.7311e+01

	289	0.0000e+00	0.0000e+00	0.0000e+00	3.6372e+01	5.1575e+01	-6.2653e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	5.3572e+01	4.0501e+01	-4.3769e+00
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	6.2968e+01	1.7668e+01	-2.4864e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	4.4928e+01	2.5840e+01	-3.1153e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	3.8166e+01	4.0107e+01	-2.2015e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	5.7035e+01	3.0167e+01	-1.5725e+01
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	7.5278e+01	-7.7060e+00	-2.7848e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	5.7537e+01	-6.5629e+00	-3.8391e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	4.4886e+01	1.5739e+01	-3.4461e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	6.6651e+01	9.0945e+00	-2.3919e+01
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	8.8973e+01	-3.4347e+01	-1.9802e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	7.2984e+01	-4.4497e+01	-3.1640e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	5.7086e+01	-1.9621e+01	-3.7159e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	8.0978e+01	-1.8833e+01	-2.5321e+01
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	9.8138e+01	-5.0006e+01	-1.0407e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	7.8982e+01	-6.7943e+01	-6.4912e+00
	285	0.0000e+00	0.0000e+00	0.0000e+00	7.1900e+01	-5.5521e+01	-2.1585e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	9.4218e+01	-4.3545e+01	-1.6134e+01
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	1.1208e+02	-1.4269e+01	6.7487e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	9.9580e+01	-1.7676e+01	1.2580e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	1.0578e+02	-2.3935e+01	8.4593e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	1.1765e+02	-1.9174e+01	2.6275e+00
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	1.0034e+02	1.4497e-01	8.4417e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	8.6869e+01	8.6716e-01	1.8174e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	9.8187e+01	-1.1492e+01	1.7123e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	1.0867e+02	-8.6871e+00	7.3907e+00
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	8.7670e+01	1.6279e+01	6.4052e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	7.4217e+01	2.0626e+01	1.6042e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	8.5161e+01	8.5027e+00	1.8920e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	9.6177e+01	7.1446e+00	9.2835e+00
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	7.8165e+01	2.8055e+01	1.5606e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	6.5308e+01	3.4427e+01	8.2170e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	7.2615e+01	2.6807e+01	1.3871e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	8.4294e+01	2.1974e+01	7.2148e+00
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	7.4002e+01	3.1884e+01	-4.6506e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	6.1695e+01	3.8873e+01	-2.2515e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	6.4243e+01	3.7474e+01	4.6170e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	7.6296e+01	3.0851e+01	2.2179e+00
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	7.5779e+01	2.6593e+01	-1.0711e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	6.3836e+01	3.2888e+01	-1.2884e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	6.1398e+01	3.8137e+01	-6.2043e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	7.3831e+01	3.1195e+01	-4.0311e+00
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	8.2983e+01	1.2936e+01	-1.4862e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	7.1598e+01	1.6797e+01	-2.1287e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	6.4274e+01	2.8371e+01	-1.6333e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	7.7339e+01	2.2413e+01	-9.9080e+00
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	9.3748e+01	-6.0561e+00	-1.5053e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	8.3493e+01	-6.7661e+00	-2.4293e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	7.2471e+01	9.2236e+00	-2.2981e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	8.6119e+01	5.9128e+00	-1.3740e+01
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	1.0424e+02	-2.4441e+01	-9.8575e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	9.5289e+01	-3.0743e+01	-1.8563e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	8.4295e+01	-1.5425e+01	-2.2433e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	9.7663e+01	-1.4058e+01	-1.3727e+01
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	1.0986e+02	-3.4313e+01	-3.5756e-01
	173	0.0000e+00	0.0000e+00	0.0000e+00	9.9633e+01	-4.3821e+01	-3.7328e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	9.5527e+01	-3.6952e+01	-1.1940e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	1.0715e+02	-3.0194e+01	-8.5649e+00
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	1.1888e+02	-1.2106e+01	-2.4059e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	1.1427e+02	-1.2510e+01	3.2072e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	1.2002e+02	-1.7343e+01	2.7175e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	1.2447e+02	-1.6776e+01	-2.8955e+00
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	1.0815e+02	7.7923e-01	-3.2832e+00



	272	0.0000e+00	0.0000e+00	0.0000e+00	1.0292e+02	1.2249e+00	5.3877e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	1.1210e+02	-7.6371e+00	5.4001e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	1.1647e+02	-7.2160e+00	-3.2707e+00
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	9.6917e+01	1.4827e+01	-3.9553e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	9.1108e+01	1.6364e+01	4.7495e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	1.0043e+02	7.2494e+00	5.7415e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	1.0516e+02	6.8206e+00	-2.9633e+00
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	8.8454e+01	2.5052e+01	-4.7136e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	8.2336e+01	2.7374e+01	1.4787e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	8.8977e+01	2.1368e+01	3.4135e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	9.4312e+01	1.9855e+01	-2.7788e+00
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	8.4697e+01	2.8371e+01	-5.5669e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	7.8611e+01	3.0886e+01	-3.2746e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	8.1030e+01	2.9878e+01	-8.4720e-01
	260	0.0000e+00	0.0000e+00	0.0000e+00	8.6906e+01	2.7583e+01	-3.1396e+00
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	8.6270e+01	2.3708e+01	-6.1460e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	8.0561e+01	2.5711e+01	-8.1254e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	7.8328e+01	3.0246e+01	-5.8582e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	8.4508e+01	2.7756e+01	-3.8789e+00
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	9.2630e+01	1.1813e+01	-5.9109e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	8.7630e+01	1.2577e+01	-1.1639e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	8.1261e+01	2.1980e+01	-1.0254e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	8.7438e+01	2.0001e+01	-4.5266e+00
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	1.0188e+02	-4.4969e+00	-4.5289e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	9.7755e+01	-5.4766e+00	-1.2349e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	8.9031e+01	6.5611e+00	-1.2468e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	9.4819e+01	5.8180e+00	-4.6483e+00
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	1.1050e+02	-2.0016e+01	-2.2855e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	1.0708e+02	-2.2604e+01	-9.2033e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	9.9305e+01	-1.2002e+01	-1.1015e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	1.0431e+02	-1.1000e+01	-4.0969e+00
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	1.1426e+02	-2.8083e+01	-5.0407e-02
	162	0.0000e+00	0.0000e+00	0.0000e+00	1.1063e+02	-3.1420e+01	-2.4537e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	1.0800e+02	-2.7003e+01	-5.4211e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	1.1204e+02	-2.4459e+01	-3.0177e+00
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	1.1460e+02	-1.4488e+01	-1.1138e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	1.1940e+02	-1.2440e+01	-5.5934e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	1.2485e+02	-1.7279e+01	-3.0971e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	1.2034e+02	-2.0179e+01	-8.6421e+00
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	1.0427e+02	8.7442e-01	-1.4327e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	1.0855e+02	8.8057e-01	-5.9714e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	1.1652e+02	-7.4837e+00	-5.3351e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	1.1317e+02	-8.7385e+00	-1.3690e+01
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	9.4361e+01	1.6224e+01	-1.3388e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	9.7367e+01	1.5167e+01	-5.4057e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	1.0543e+02	6.6817e+00	-6.3291e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	1.0241e+02	7.4552e+00	-1.4312e+01
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	8.7284e+01	2.6785e+01	-1.0269e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	8.9145e+01	2.5356e+01	-4.7528e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	9.4932e+01	1.9772e+01	-6.3228e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	9.2631e+01	2.1455e+01	-1.1839e+01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	8.4226e+01	3.0176e+01	-6.3266e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	8.5593e+01	2.8532e+01	-4.2847e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	8.7756e+01	2.7592e+01	-6.0113e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	8.6184e+01	2.9371e+01	-8.0532e+00
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	8.5554e+01	2.5689e+01	-2.1375e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	8.7155e+01	2.3779e+01	-3.8056e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	8.5326e+01	2.7952e+01	-5.6122e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	8.4016e+01	2.9622e+01	-3.9442e+00
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	9.0942e+01	1.3907e+01	1.8823e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	9.3238e+01	1.1904e+01	-3.0656e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	8.7977e+01	2.0454e+01	-4.8952e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	8.6217e+01	2.2077e+01	5.2764e-02

2289	246	0.0000e+00	0.0000e+00	0.0000e+00	9.9117e+01	-2.9852e+00	4.7626e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	1.0205e+02	-4.3085e+00	-2.1754e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	9.4996e+01	6.4667e+00	-3.5820e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	9.2164e+01	7.9311e+00	3.3560e+00
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	1.0725e+02	-2.0236e+01	4.7179e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	1.1034e+02	-1.9759e+01	-1.7167e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	1.0429e+02	-1.0404e+01	-1.8162e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	1.0031e+02	-9.7305e+00	4.6183e+00
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	1.1029e+02	-2.9866e+01	3.5445e-01
	151	0.0000e+00	0.0000e+00	0.0000e+00	1.1409e+02	-2.7879e+01	-1.9278e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	1.1205e+02	-2.4108e+01	-3.7086e-01
	245	0.0000e+00	0.0000e+00	0.0000e+00	1.0772e+02	-2.5206e+01	1.9114e+00
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	9.3247e+01	-2.0709e+01	-1.9806e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	1.1241e+02	-1.7048e+01	-1.4096e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	1.1769e+02	-2.3304e+01	-8.5139e+00
	244	0.0000e+00	0.0000e+00	0.0000e+00	9.9494e+01	-3.0705e+01	-1.4224e+01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	8.4063e+01	2.3699e+00	-2.4497e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	1.0114e+02	2.3880e-01	-1.6175e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	1.0862e+02	-1.0502e+01	-1.5908e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	9.3380e+01	-1.3164e+01	-2.4229e+01
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	7.6977e+01	2.1191e+01	-2.0916e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	9.0757e+01	1.6930e+01	-1.4143e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	9.7902e+01	6.7755e+00	-1.7518e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	8.3502e+01	9.2024e+00	-2.4291e+01
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	7.2496e+01	3.2883e+01	-1.4315e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	8.3807e+01	2.7922e+01	-1.0037e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	8.8644e+01	2.1541e+01	-1.4892e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	7.6294e+01	2.6203e+01	-1.9170e+01
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	7.0698e+01	3.6386e+01	-6.7095e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	8.0927e+01	3.1210e+01	-5.1951e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	8.2700e+01	2.9998e+01	-1.0472e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	7.1981e+01	3.5280e+01	-1.1986e+01
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	7.1627e+01	3.1526e+01	1.0337e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	8.2153e+01	2.6391e+01	-2.4160e-01
	249	0.0000e+00	0.0000e+00	0.0000e+00	8.0690e+01	3.0628e+01	-5.5186e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	7.0516e+01	3.5951e+01	-4.2433e+00
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	7.5296e+01	1.8599e+01	8.1609e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	8.7108e+01	1.4138e+01	4.2610e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	8.2771e+01	2.3216e+01	-5.7351e-01
	238	0.0000e+00	0.0000e+00	0.0000e+00	7.1762e+01	2.8336e+01	3.3263e+00
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	8.1557e+01	-1.3515e+00	1.3059e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	9.4870e+01	-3.4253e+00	7.0166e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	8.8684e+01	8.6535e+00	3.7490e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	7.5548e+01	1.3055e+01	9.7913e+00
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	8.9766e+01	-2.4838e+01	1.2443e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	1.0313e+02	-2.1644e+01	5.5719e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	9.7449e+01	-1.0342e+01	6.0992e+00
	236	0.0000e+00	0.0000e+00	0.0000e+00	8.1574e+01	-8.1937e+00	1.2971e+01
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	9.2906e+01	-4.0621e+01	1.5038e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	1.0830e+02	-3.2503e+01	-1.6143e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	1.0603e+02	-2.7742e+01	4.3985e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	8.8890e+01	-3.1541e+01	7.5167e+00
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	4.2154e+01	-3.6800e+01	-2.8794e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	8.7067e+01	-2.6392e+01	-2.3389e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	9.0551e+01	-3.7577e+01	-1.3631e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	4.9578e+01	-4.6508e+01	-1.9036e+01
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	4.0418e+01	-2.4647e+00	-3.0706e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	7.6318e+01	1.7324e+00	-2.5578e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	7.9314e+01	-1.6628e+01	-2.8197e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	4.7772e+01	-7.2397e+00	-3.3325e+01
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	4.0893e+01	2.3375e+01	-2.3911e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	6.8877e+01	2.2356e+01	-2.1070e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	7.2258e+01	7.8535e+00	-2.7789e+01

	230	0.0000e+00	0.0000e+00	0.0000e+00	4.3244e+01	2.0149e+01	-3.0629e+01
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	4.1657e+01	3.8865e+01	-1.5367e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	6.4771e+01	3.4526e+01	-1.3901e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	6.6851e+01	2.6143e+01	-2.1700e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	4.2536e+01	3.7262e+01	-2.3166e+01
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	4.2252e+01	4.4872e+01	-6.1878e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	6.3109e+01	3.7848e+01	-5.7554e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	6.3890e+01	3.6061e+01	-1.3784e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	4.2344e+01	4.4948e+01	-1.4216e+01
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	4.2656e+01	4.1911e+01	3.0885e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	6.3575e+01	3.2486e+01	2.5573e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	6.3058e+01	3.7256e+01	-5.4290e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	4.2101e+01	4.3659e+01	-4.8979e+00
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	4.3076e+01	3.0174e+01	1.1902e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	6.6105e+01	1.8766e+01	1.0345e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	6.4361e+01	2.9805e+01	2.7154e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	4.1678e+01	3.3517e+01	4.2721e+00
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	4.4194e+01	9.5827e+00	1.8941e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	7.0878e+01	-2.4121e+00	1.6046e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	6.8061e+01	1.3958e+01	9.7946e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	4.1168e+01	1.4353e+01	1.2689e+01
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	4.9247e+01	-2.0127e+01	2.0417e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	7.6753e+01	-2.7968e+01	1.5465e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	7.4894e+01	-9.2677e+00	1.3980e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	4.1112e+01	-1.4166e+01	1.8932e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	5.0393e+01	-5.8959e+01	3.7868e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	8.5958e+01	-4.7123e+01	-5.4532e-01
	235	0.0000e+00	0.0000e+00	0.0000e+00	8.4155e+01	-3.7754e+01	1.0962e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	4.3453e+01	-4.8724e+01	1.5294e+01
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	-3.9710e+01	6.3497e+01	-2.2222e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	8.8565e+00	-4.0147e+01	-1.2114e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	6.3330e+01	-5.9895e+01	-1.4703e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.3782e+01	-1.5841e+02	-2.4811e+01
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	-2.3716e+01	7.5326e+01	-1.9055e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	1.0869e+01	2.5675e+00	-1.9383e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	3.0822e+01	-1.8845e+01	-2.2672e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	-4.4329e+01	-8.5084e+01	-2.2345e+01
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	-1.1663e+01	7.7540e+01	-1.5733e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	1.7444e+01	2.7495e+01	-1.7064e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	2.8940e+01	1.3347e+01	-2.1245e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	-2.5846e+01	-2.8411e+01	-1.9914e+01
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	-4.8110e+00	7.1104e+01	-1.1206e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	2.3098e+01	4.1509e+01	-1.2277e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	2.8844e+01	3.3856e+01	-1.7088e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	-1.2719e+01	1.3794e+01	-1.6017e+01
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.5038e+00	5.6464e+01	-5.7482e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	2.7119e+01	4.5815e+01	-6.5147e+00
	226	0.0000e+00	0.0000e+00	0.0000e+00	2.8118e+01	4.4065e+01	-1.1650e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-5.0498e+00	4.3594e+01	-1.0884e+01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-4.3474e+00	3.3089e+01	-2.3601e-02
	222	0.0000e+00	0.0000e+00	0.0000e+00	2.9628e+01	4.0909e+01	-5.6117e-01
	224	0.0000e+00	0.0000e+00	0.0000e+00	2.6109e+01	4.4781e+01	-5.7212e+00
	225	0.0000e+00	0.0000e+00	0.0000e+00	-1.9132e+00	6.2828e+01	-5.1837e+00
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.0505e+01	-1.1638e-01	5.2604e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	3.0898e+01	2.6766e+01	4.9487e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	2.2693e+01	3.6328e+01	8.1383e-02
	223	0.0000e+00	0.0000e+00	0.0000e+00	-2.9291e+00	7.2857e+01	3.9308e-01
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-2.1533e+01	-4.4654e+01	9.3929e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	3.1801e+01	2.9641e+00	9.0977e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	1.7934e+01	1.8498e+01	4.9054e+00
	221	0.0000e+00	0.0000e+00	0.0000e+00	-8.2608e+00	7.4425e+01	5.2006e+00
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-3.6686e+01	-1.0204e+02	1.1957e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	3.5378e+01	-3.1172e+01	1.0008e+01

	218	0.0000e+00	0.0000e+00	0.0000e+00	1.2914e+01	-9.6294e+00	7.0055e+00
	219	0.0000e+00	0.0000e+00	0.0000e+00	-1.8156e+01	6.7186e+01	8.9546e+00
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.6134e+01	-1.7273e+02	1.3800e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	6.8449e+01	-7.0804e+01	-4.0303e-01
	216	0.0000e+00	0.0000e+00	0.0000e+00	1.4111e+01	-5.3774e+01	-1.1127e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	-3.0462e+01	4.9560e+01	1.3091e+01
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	-9.4836e+01	-1.5649e+02	4.5622e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	-2.2796e+02	-7.0390e+01	5.4467e+01
	13	0.0000e+00	0.0000e+00	0.0000e+00	-2.8988e+02	-3.7400e+02	2.3798e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	-1.6690e+01	-2.2103e+02	1.4953e+01
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	-9.3991e+01	-1.2016e+01	5.3030e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	-1.3051e+02	-1.9323e+00	1.9374e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	-1.8652e+02	-7.2326e+01	3.8279e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	-9.9731e+01	-1.0345e+02	7.1934e+01
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	-6.1946e+01	3.9951e+01	3.8144e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	-7.9266e+01	4.5419e+01	1.2276e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	-1.1009e+02	1.2646e+01	2.3810e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	-7.8581e+01	-7.0302e+00	4.9677e+01
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	-3.8014e+01	6.3992e+01	2.5192e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	-4.7290e+01	6.8810e+01	7.4403e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	-6.6970e+01	5.2643e+01	1.5059e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	-5.0908e+01	4.0853e+01	3.2811e+01
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	-2.2129e+01	7.3758e+01	1.5258e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	-2.8033e+01	7.8048e+01	3.9283e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	-3.9947e+01	7.1618e+01	9.3894e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	-3.1003e+01	6.4003e+01	2.0719e+01
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	-1.2762e+01	7.3695e+01	7.3027e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	-1.7626e+01	7.7842e+01	8.3830e-01
	211	0.0000e+00	0.0000e+00	0.0000e+00	-2.4078e+01	7.8226e+01	5.2165e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	-1.8172e+01	7.2829e+01	1.1681e+01
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	-8.6386e+00	6.5096e+01	3.7559e-01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.4089e+01	6.9565e+01	-2.1897e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	-1.6246e+01	7.5980e+01	1.7774e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	-1.1188e+01	7.1801e+01	4.3427e+00
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	-8.4030e+00	4.6686e+01	-6.1800e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	-1.7155e+01	5.2033e+01	-5.4062e+00
	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.5049e+01	6.5661e+01	-1.3228e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	-9.0888e+00	6.2105e+01	-2.0966e+00
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	-1.3274e+01	1.2859e+01	-1.3486e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	-2.6648e+01	2.0785e+01	-9.0466e+00
	208	0.0000e+00	0.0000e+00	0.0000e+00	-2.0721e+01	4.4741e+01	-4.2490e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	-1.1056e+01	4.2208e+01	-8.6886e+00
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	5.7432e+01	-2.1611e+01	1.5907e+00
	12	0.0000e+00	0.0000e+00	0.0000e+00	-8.7292e+01	-6.6997e+01	-7.3428e+00
	207	0.0000e+00	0.0000e+00	0.0000e+00	-3.6370e+01	3.0007e+01	-9.4813e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	-9.8817e+00	-1.0717e+01	-5.4783e-01
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	2.7653e+01	-1.0684e+02	4.5153e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	-5.7387e+01	-1.3771e+02	5.8590e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	-3.7667e+01	-1.8319e+02	2.0074e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	3.2588e+01	-1.3010e+02	6.6372e+00
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	2.0146e+00	-3.4987e+01	5.5525e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	-5.7005e+01	-3.1648e+01	6.8167e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	-4.2676e+01	-8.1482e+01	6.9666e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	1.0881e+01	-8.1409e+01	5.7024e+01
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	-8.2418e+00	1.8010e+01	4.7989e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	-4.0791e+01	2.7727e+01	4.6703e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	-4.8795e+01	3.5693e-01	6.0286e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	-2.5963e+00	-1.9535e+01	6.1571e+01
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	-5.9330e+00	4.7704e+01	3.5497e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	-2.5494e+01	5.6807e+01	3.0137e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	-3.4976e+01	4.2815e+01	4.2621e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	-6.2847e+00	2.4703e+01	4.7980e+01
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	-7.8004e-01	6.1231e+01	2.3062e+01

	201	0.0000e+00	0.0000e+00	0.0000e+00	-1.3914e+01	6.9391e+01	1.7736e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	-2.1428e+01	6.3818e+01	2.7848e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	-3.0396e+00	4.9933e+01	3.3175e+01
2337	189	0.0000e+00	0.0000e+00	0.0000e+00	4.1197e+00	6.3494e+01	1.2110e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	-6.3946e+00	7.1046e+01	7.9167e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	-1.1458e+01	7.1615e+01	1.6193e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	1.4883e+00	6.1124e+01	2.0387e+01
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	8.2296e+00	5.6387e+01	2.6466e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	-2.2379e+00	6.3799e+01	-5.2329e-01
	200	0.0000e+00	0.0000e+00	0.0000e+00	-5.3281e+00	6.9795e+01	6.6069e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	5.5036e+00	6.1664e+01	9.7767e+00
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	1.3258e+01	4.0000e+01	-5.0629e+00
	198	0.0000e+00	0.0000e+00	0.0000e+00	-9.0777e-01	4.6971e+01	-8.1593e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	-2.4054e+00	5.9238e+01	-1.8711e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	9.0737e+00	5.2501e+01	1.2253e+00
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	1.2450e+01	1.3944e+01	-8.5198e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	8.9692e+00	1.7632e+01	-1.3467e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	-2.0529e+00	3.6258e+01	-1.0849e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	1.4394e+01	3.4237e+01	-5.9012e+00
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	6.7055e+01	-1.1609e+01	-3.1981e-01
	196	0.0000e+00	0.0000e+00	0.0000e+00	-4.2872e+01	-2.6356e+01	-2.5519e+00
	197	0.0000e+00	0.0000e+00	0.0000e+00	2.8282e+00	9.4087e+00	-3.5625e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	1.7259e+01	-3.1357e+00	-1.3304e+00
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	7.1196e+01	-6.8216e+01	2.8339e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	3.0099e+01	-8.9041e+01	3.6923e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	4.2413e+01	-1.0997e+02	1.2947e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	7.4633e+01	-7.8527e+01	4.3623e+00
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	5.3392e+01	-3.2463e+01	4.2113e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	1.4829e+01	-3.3010e+01	5.7519e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	3.2799e+01	-7.2108e+01	4.9915e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	6.3689e+01	-5.6080e+01	3.4510e+01
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	3.7323e+01	5.4343e+00	4.1842e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	8.0364e+00	1.2534e+01	5.1946e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	1.7008e+01	-1.5567e+01	5.6927e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	4.6890e+01	-1.9326e+01	4.6824e+01
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	2.8344e+01	3.2656e+01	3.4065e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	7.5682e+00	4.1558e+01	3.8464e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	9.6550e+00	2.5782e+01	4.7921e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	3.4330e+01	1.4069e+01	4.3521e+01
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	2.4962e+01	4.7656e+01	2.4014e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	9.7110e+00	5.6338e+01	2.4959e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	8.7309e+00	4.9367e+01	3.4628e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	2.7675e+01	3.6969e+01	3.3684e+01
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	2.4978e+01	5.2134e+01	1.4247e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	1.2650e+01	6.0034e+01	1.3235e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	1.0494e+01	5.9674e+01	2.1816e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	2.5277e+01	4.8868e+01	2.2828e+01
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	2.7188e+01	4.7441e+01	5.8891e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	1.6048e+01	5.4269e+01	3.4376e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	1.3061e+01	5.9719e+01	1.0609e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	2.5677e+01	5.0913e+01	1.3061e+01
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	3.1816e+01	3.4446e+01	-5.8286e-02
	187	0.0000e+00	0.0000e+00	0.0000e+00	1.9644e+01	3.9056e+01	-3.9822e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	1.6035e+01	5.0784e+01	1.3399e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	2.8226e+01	4.3792e+01	5.2638e+00
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	3.2733e+01	1.3887e+01	-2.7199e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	2.9480e+01	1.5665e+01	-8.0328e+00
	187	0.0000e+00	0.0000e+00	0.0000e+00	1.9511e+01	3.2189e+01	-5.8886e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	3.2954e+01	2.9292e+01	-5.7570e-01
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	7.3451e+01	-7.2480e+00	9.8028e-01
	185	0.0000e+00	0.0000e+00	0.0000e+00	-7.4107e+00	-1.5926e+01	-1.3005e+00
	186	0.0000e+00	0.0000e+00	0.0000e+00	2.6045e+01	1.1388e+01	-3.1967e-01
	175	0.0000e+00	0.0000e+00	0.0000e+00	3.5810e+01	5.7199e-01	1.9611e+00

2352	172	0.0000e+00	0.0000e+00	0.0000e+00	9.4282e+01	-4.3801e+01	1.7011e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	7.2691e+01	-5.7457e+01	2.2488e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	7.9976e+01	-6.7306e+01	8.0053e+00
	173	0.0000e+00	0.0000e+00	0.0000e+00	9.7046e+01	-4.9391e+01	2.5285e+00
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	8.1706e+01	-2.3584e+01	2.7496e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	5.9215e+01	-2.7151e+01	3.9357e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	7.2546e+01	-4.9722e+01	3.2020e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	9.0138e+01	-3.7294e+01	2.0160e+01
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	6.6988e+01	1.7753e+00	2.9736e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	4.6678e+01	4.9568e+00	4.1505e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	5.8769e+01	-1.6616e+01	4.2006e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	7.6492e+01	-1.4527e+01	3.0237e+01
2355	169	0.0000e+00	0.0000e+00	0.0000e+00	5.5042e+01	2.3426e+01	2.6203e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	3.8361e+01	2.9559e+01	3.4691e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	4.6000e+01	1.4579e+01	3.9856e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	6.2978e+01	9.4521e+00	3.1368e+01
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	4.7489e+01	3.7465e+01	2.0069e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	3.4073e+01	4.4171e+01	2.4897e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	3.7720e+01	3.6313e+01	3.1629e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	5.2702e+01	2.8344e+01	2.6801e+01
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	4.4048e+01	4.3050e+01	1.3545e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	3.2900e+01	4.9201e+01	1.5249e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	3.3613e+01	4.7670e+01	2.1787e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	4.6460e+01	3.9568e+01	2.0084e+01
2358	166	0.0000e+00	0.0000e+00	0.0000e+00	4.3929e+01	4.0427e+01	7.9419e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	3.4266e+01	4.5388e+01	7.0487e+00
	178	0.0000e+00	0.0000e+00	0.0000e+00	3.2640e+01	4.9598e+01	1.2537e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	4.3917e+01	4.2594e+01	1.3430e+01
2359	165	0.0000e+00	0.0000e+00	0.0000e+00	4.6764e+01	3.0173e+01	4.0731e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	3.7202e+01	3.3309e+01	1.1188e+00
	177	0.0000e+00	0.0000e+00	0.0000e+00	3.4115e+01	4.3006e+01	5.0704e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	4.4431e+01	3.7529e+01	8.0247e+00
2360	164	0.0000e+00	0.0000e+00	0.0000e+00	4.7917e+01	1.2878e+01	2.0842e+00
	175	0.0000e+00	0.0000e+00	0.0000e+00	4.4909e+01	1.4625e+01	-2.3390e+00
	176	0.0000e+00	0.0000e+00	0.0000e+00	3.7299e+01	2.8201e+01	-4.0719e-01
	165	0.0000e+00	0.0000e+00	0.0000e+00	4.7410e+01	2.5737e+01	4.0159e+00
2361	163	0.0000e+00	0.0000e+00	0.0000e+00	7.5580e+01	-6.9497e+00	2.9632e+00
	174	0.0000e+00	0.0000e+00	0.0000e+00	2.0850e+01	-1.1191e+01	8.4761e-01
	175	0.0000e+00	0.0000e+00	0.0000e+00	4.2901e+01	1.0480e+01	2.7460e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	4.9646e+01	2.0994e+00	4.8616e+00
2362	161	0.0000e+00	0.0000e+00	0.0000e+00	1.0647e+02	-2.9856e+01	8.5919e+00
	172	0.0000e+00	0.0000e+00	0.0000e+00	9.5279e+01	-3.7637e+01	1.2643e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	1.0004e+02	-4.3060e+01	4.7485e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	1.0914e+02	-3.3630e+01	6.9698e-01
2363	160	0.0000e+00	0.0000e+00	0.0000e+00	9.6644e+01	-1.6263e+01	1.4518e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	8.4509e+01	-1.9415e+01	2.3755e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	9.4236e+01	-3.3235e+01	1.8873e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	1.0387e+02	-2.5744e+01	9.6361e+00
2364	159	0.0000e+00	0.0000e+00	0.0000e+00	8.4019e+01	2.1277e+00	1.6724e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	7.1987e+01	2.9323e+00	2.7490e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	8.2917e+01	-1.2653e+01	2.6559e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	9.2843e+01	-9.8187e+00	1.5793e+01
2365	158	0.0000e+00	0.0000e+00	0.0000e+00	7.2221e+01	1.9444e+01	1.5913e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	6.1262e+01	2.2507e+01	2.5239e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	7.0188e+01	9.8472e+00	2.7282e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	8.0406e+01	8.4562e+00	1.7956e+01
2366	157	0.0000e+00	0.0000e+00	0.0000e+00	6.3373e+01	3.1906e+01	1.3462e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	5.3832e+01	3.5689e+01	1.9974e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	5.9641e+01	2.7963e+01	2.3449e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	6.9513e+01	2.4172e+01	1.6936e+01
2367	156	0.0000e+00	0.0000e+00	0.0000e+00	5.8107e+01	3.7725e+01	1.0604e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	4.9895e+01	4.1245e+01	1.4043e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	5.2607e+01	3.8903e+01	1.7721e+01

	157	0.0000e+00	0.0000e+00	0.0000e+00	6.1706e+01	3.4406e+01	1.4282e+01
2368	155	0.0000e+00	0.0000e+00	0.0000e+00	5.6165e+01	3.6308e+01	8.1866e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	4.9130e+01	3.9011e+01	8.8125e+00
	167	0.0000e+00	0.0000e+00	0.0000e+00	4.9120e+01	4.1988e+01	1.1945e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	5.7323e+01	3.7861e+01	1.1320e+01
2369	154	0.0000e+00	0.0000e+00	0.0000e+00	5.7083e+01	2.7614e+01	6.6271e+00
	165	0.0000e+00	0.0000e+00	0.0000e+00	5.0617e+01	2.9261e+01	5.0080e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	4.8728e+01	3.7345e+01	7.2623e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	5.6001e+01	3.4077e+01	8.8814e+00
2370	153	0.0000e+00	0.0000e+00	0.0000e+00	5.8174e+01	1.1708e+01	5.7632e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	5.5655e+01	1.2986e+01	2.4335e+00
	165	0.0000e+00	0.0000e+00	0.0000e+00	5.0618e+01	2.5254e+01	3.7856e+00
	154	0.0000e+00	0.0000e+00	0.0000e+00	5.7102e+01	2.3584e+01	7.1153e+00
2371	152	0.0000e+00	0.0000e+00	0.0000e+00	7.2751e+01	-9.3095e+00	4.7562e+00
	163	0.0000e+00	0.0000e+00	0.0000e+00	4.3225e+01	-1.0137e+01	3.1612e+00
	164	0.0000e+00	0.0000e+00	0.0000e+00	5.4583e+01	8.0663e+00	5.2295e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	5.8465e+01	2.7300e+00	6.8245e+00
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	1.1088e+02	-2.3900e+01	1.5431e+00
	161	0.0000e+00	0.0000e+00	0.0000e+00	1.0707e+02	-2.6907e+01	5.0760e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	1.1060e+02	-3.0608e+01	2.1844e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	1.1384e+02	-2.7311e+01	-1.3485e+00
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	1.0219e+02	-1.2086e+01	2.9676e+00
	160	0.0000e+00	0.0000e+00	0.0000e+00	9.7911e+01	-1.3903e+01	1.0905e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	1.0557e+02	-2.3623e+01	8.6832e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	1.0909e+02	-2.0597e+01	7.4593e-01
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	9.0987e+01	3.8209e+00	4.2256e+00
	159	0.0000e+00	0.0000e+00	0.0000e+00	8.6291e+01	3.3139e+00	1.3956e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	9.5690e+01	-8.6768e+00	1.2843e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	9.9442e+01	-6.7563e+00	3.1121e+00
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	8.0092e+01	1.9149e+01	5.1755e+00
	158	0.0000e+00	0.0000e+00	0.0000e+00	7.5273e+01	1.9604e+01	1.4229e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	8.3904e+01	8.8607e+00	1.4184e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	8.8074e+01	9.4144e+00	5.1303e+00
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	7.1344e+01	3.0597e+01	5.8143e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	6.6726e+01	3.1460e+01	1.2731e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	7.3160e+01	2.4187e+01	1.3366e+01
	147	0.0000e+00	0.0000e+00	0.0000e+00	7.7601e+01	2.3666e+01	6.4489e+00
2377	145	0.0000e+00	0.0000e+00	0.0000e+00	6.5487e+01	3.6291e+01	6.3239e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	6.1328e+01	3.7075e+01	1.0584e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	6.5104e+01	3.4324e+01	1.1427e+01
	146	0.0000e+00	0.0000e+00	0.0000e+00	6.9528e+01	3.3269e+01	7.1672e+00
2378	144	0.0000e+00	0.0000e+00	0.0000e+00	6.2492e+01	3.5286e+01	6.9196e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	5.8988e+01	3.5707e+01	8.5980e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	6.0236e+01	3.7884e+01	9.2939e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	6.4324e+01	3.6788e+01	7.6156e+00
2379	143	0.0000e+00	0.0000e+00	0.0000e+00	6.1838e+01	2.7037e+01	7.6104e+00
	154	0.0000e+00	0.0000e+00	0.0000e+00	5.9117e+01	2.7130e+01	7.1559e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	5.8346e+01	3.4338e+01	7.5918e+00
	144	0.0000e+00	0.0000e+00	0.0000e+00	6.1775e+01	3.3481e+01	8.0464e+00
2380	142	0.0000e+00	0.0000e+00	0.0000e+00	6.3013e+01	1.1056e+01	8.1438e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	6.1298e+01	1.1440e+01	5.8662e+00
	154	0.0000e+00	0.0000e+00	0.0000e+00	5.8855e+01	2.3692e+01	6.3218e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	6.1277e+01	2.3083e+01	8.5994e+00
2381	141	0.0000e+00	0.0000e+00	0.0000e+00	6.3742e+01	-1.3203e+01	5.9095e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	6.0552e+01	-1.1309e+01	5.0329e+00
	153	0.0000e+00	0.0000e+00	0.0000e+00	6.0882e+01	4.9391e+00	6.5857e+00
	142	0.0000e+00	0.0000e+00	0.0000e+00	6.1804e+01	3.4486e+00	7.4622e+00
2382	139	0.0000e+00	0.0000e+00	0.0000e+00	1.0645e+02	-2.4779e+01	-5.2482e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	1.1075e+02	-2.3613e+01	-1.6264e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	1.1371e+02	-2.7021e+01	-1.5787e-01
	140	0.0000e+00	0.0000e+00	0.0000e+00	1.1013e+02	-2.9056e+01	-3.7797e+00
2383	138	0.0000e+00	0.0000e+00	0.0000e+00	9.7804e+01	-1.0944e+01	-8.0837e+00
	149	0.0000e+00	0.0000e+00	0.0000e+00	1.0197e+02	-1.1516e+01	-3.2760e-01

	150	0.0000e+00	0.0000e+00	0.0000e+00	1.0873e+02	-2.0235e+01	-2.3394e-01
	139	0.0000e+00	0.0000e+00	0.0000e+00	1.0528e+02	-2.1012e+01	-7.9900e+00
2384	137	0.0000e+00	0.0000e+00	0.0000e+00	8.7553e+01	6.0356e+00	-7.5543e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	9.0816e+01	4.5583e+00	1.5775e+00
	149	0.0000e+00	0.0000e+00	0.0000e+00	9.9186e+01	-6.3993e+00	3.7829e-01
	138	0.0000e+00	0.0000e+00	0.0000e+00	9.5939e+01	-5.2623e+00	-8.7535e+00
2385	136	0.0000e+00	0.0000e+00	0.0000e+00	7.7973e+01	2.1551e+01	-4.9874e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	8.0139e+01	1.9826e+01	3.4086e+00
	148	0.0000e+00	0.0000e+00	0.0000e+00	8.8091e+01	9.7236e+00	1.6331e+00
	137	0.0000e+00	0.0000e+00	0.0000e+00	8.5426e+01	1.1869e+01	-6.7629e+00
2386	135	0.0000e+00	0.0000e+00	0.0000e+00	7.0239e+01	3.2797e+01	-1.6899e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	7.1607e+01	3.1087e+01	4.8560e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	7.7874e+01	2.3967e+01	3.0325e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	7.5983e+01	2.6231e+01	-3.5134e+00
2387	134	0.0000e+00	0.0000e+00	0.0000e+00	6.4767e+01	3.8272e+01	1.6581e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	6.5812e+01	3.6589e+01	5.9743e+00
	146	0.0000e+00	0.0000e+00	0.0000e+00	6.9901e+01	3.3633e+01	4.2858e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	6.8598e+01	3.5631e+01	-3.0484e-02
2388	133	0.0000e+00	0.0000e+00	0.0000e+00	6.1519e+01	3.7073e+01	4.7689e+00
	144	0.0000e+00	0.0000e+00	0.0000e+00	6.2643e+01	3.5420e+01	6.9174e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	6.4617e+01	3.7266e+01	5.3946e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	6.3487e+01	3.8933e+01	3.2461e+00
2389	132	0.0000e+00	0.0000e+00	0.0000e+00	5.9840e+01	2.8368e+01	7.3475e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	6.1836e+01	2.6997e+01	7.6774e+00
	144	0.0000e+00	0.0000e+00	0.0000e+00	6.1849e+01	3.4014e+01	6.4026e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	6.0432e+01	3.5422e+01	6.0726e+00
2390	131	0.0000e+00	0.0000e+00	0.0000e+00	6.1513e+01	1.1339e+01	9.2354e+00
	142	0.0000e+00	0.0000e+00	0.0000e+00	6.1124e+01	1.0533e+01	7.8408e+00
	143	0.0000e+00	0.0000e+00	0.0000e+00	6.1239e+01	2.3757e+01	7.2703e+00
	132	0.0000e+00	0.0000e+00	0.0000e+00	5.8839e+01	2.4195e+01	8.6649e+00
2391	130	0.0000e+00	0.0000e+00	0.0000e+00	4.7073e+01	-1.7548e+01	6.2356e+00
	141	0.0000e+00	0.0000e+00	0.0000e+00	7.3100e+01	-1.3513e+01	6.1454e+00
	142	0.0000e+00	0.0000e+00	0.0000e+00	6.1180e+01	1.7770e+00	6.5087e+00
	131	0.0000e+00	0.0000e+00	0.0000e+00	5.8828e+01	5.0199e+00	6.5989e+00
2392	128	0.0000e+00	0.0000e+00	0.0000e+00	8.7947e+01	-3.2134e+01	-1.2792e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	1.0472e+02	-2.7246e+01	-8.4329e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	1.0763e+02	-3.1649e+01	-2.5201e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	9.3040e+01	-3.9651e+01	-6.8792e+00
2393	127	0.0000e+00	0.0000e+00	0.0000e+00	7.9078e+01	-1.1085e+01	-1.9155e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	9.5017e+01	-1.1939e+01	-1.0756e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	1.0178e+02	-2.2474e+01	-9.2955e+00
	128	0.0000e+00	0.0000e+00	0.0000e+00	8.7731e+01	-2.6510e+01	-1.7694e+01
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	7.0764e+01	9.7080e+00	-1.7847e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	8.4005e+01	6.4953e+00	-9.4988e+00
	138	0.0000e+00	0.0000e+00	0.0000e+00	9.1847e+01	-5.8857e+00	-1.1571e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	7.8241e+01	-4.5817e+00	-1.9919e+01
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	6.3740e+01	2.6630e+01	-1.3341e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	7.4398e+01	2.2659e+01	-6.2865e+00
	137	0.0000e+00	0.0000e+00	0.0000e+00	8.1451e+01	1.1811e+01	-9.9214e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	6.9631e+01	1.5764e+01	-1.6976e+01
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	5.8168e+01	3.7981e+01	-7.8542e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	6.6968e+01	3.3969e+01	-2.4764e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	7.2488e+01	2.6535e+01	-6.4657e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	6.2516e+01	3.1220e+01	-1.1843e+01
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	5.4009e+01	4.2973e+01	-2.4387e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	6.1806e+01	3.9228e+01	1.2202e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	6.5555e+01	3.6163e+01	-2.5731e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	5.6973e+01	4.0688e+01	-6.2320e+00
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	5.1199e+01	4.0996e+01	2.4378e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	5.8634e+01	3.7691e+01	4.4836e+00
	134	0.0000e+00	0.0000e+00	0.0000e+00	6.0734e+01	3.9599e+01	1.1207e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	5.2854e+01	4.3626e+01	-9.2518e-01
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	4.9100e+01	3.1058e+01	6.3901e+00



	132	0.0000e+00	0.0000e+00	0.0000e+00	5.7532e+01	2.8636e+01	7.0006e+00
	133	0.0000e+00	0.0000e+00	0.0000e+00	5.7786e+01	3.5967e+01	4.2481e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	4.9967e+01	3.9545e+01	3.6377e+00
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	5.2113e+01	1.2265e+01	9.3479e+00
	131	0.0000e+00	0.0000e+00	0.0000e+00	5.4110e+01	1.0565e+01	8.4060e+00
	132	0.0000e+00	0.0000e+00	0.0000e+00	5.6604e+01	2.5262e+01	6.9082e+00
	121	0.0000e+00	0.0000e+00	0.0000e+00	4.7891e+01	2.6827e+01	7.8501e+00
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	2.1196e+01	-2.1166e+01	5.8722e+00
	130	0.0000e+00	0.0000e+00	0.0000e+00	8.0476e+01	-1.5540e+01	6.4296e+00
	131	0.0000e+00	0.0000e+00	0.0000e+00	5.4455e+01	-9.2449e-01	4.8786e+00
	120	0.0000e+00	0.0000e+00	0.0000e+00	4.8239e+01	8.0823e+00	4.3213e+00
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	4.2849e+01	-5.0043e+01	-2.2479e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	8.3022e+01	-3.8280e+01	-1.6996e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	8.5577e+01	-4.6376e+01	-4.8946e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	5.0356e+01	-6.0993e+01	-1.0378e+01
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	3.8595e+01	-1.8291e+01	-2.7941e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	7.2196e+01	-1.2682e+01	-2.1192e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	7.6365e+01	-3.0054e+01	-2.0982e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	4.6809e+01	-2.4902e+01	-2.7731e+01
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	3.6344e+01	9.4856e+00	-2.4004e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	6.2964e+01	1.0353e+01	-1.9028e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	6.7943e+01	-6.2575e+00	-2.3430e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	4.0496e+01	4.2069e+00	-2.8406e+01
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	3.4578e+01	2.9868e+01	-1.7912e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	5.6218e+01	2.8098e+01	-1.4111e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	6.0380e+01	1.5176e+01	-1.9847e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	3.7390e+01	2.5909e+01	-2.3648e+01
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	3.2750e+01	4.3004e+01	-1.1363e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	5.1200e+01	3.9478e+01	-8.3513e+00
	125	0.0000e+00	0.0000e+00	0.0000e+00	5.4574e+01	3.1289e+01	-1.4199e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	3.4901e+01	4.0510e+01	-1.7210e+01
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	3.0749e+01	4.8998e+01	-5.0935e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	4.7487e+01	4.4171e+01	-2.7426e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	5.0114e+01	4.1101e+01	-8.2216e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	3.2436e+01	4.8218e+01	-1.0572e+01
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	2.8726e+01	4.7661e+01	5.5301e-01
	122	0.0000e+00	0.0000e+00	0.0000e+00	4.4786e+01	4.1761e+01	2.2536e+00
	123	0.0000e+00	0.0000e+00	0.0000e+00	4.6766e+01	4.4162e+01	-2.6656e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	2.9866e+01	4.8986e+01	-4.3661e+00
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	2.6403e+01	3.8140e+01	5.4172e+00
	121	0.0000e+00	0.0000e+00	0.0000e+00	4.3585e+01	3.1463e+01	6.3210e+00
	122	0.0000e+00	0.0000e+00	0.0000e+00	4.4347e+01	3.9812e+01	2.0006e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	2.7299e+01	4.2554e+01	1.0969e+00
2410	100	0.0000e+00	0.0000e+00	0.0000e+00	3.0744e+01	1.8201e+01	9.3190e+00
	120	0.0000e+00	0.0000e+00	0.0000e+00	3.7987e+01	1.1206e+01	8.8655e+00
	121	0.0000e+00	0.0000e+00	0.0000e+00	4.3262e+01	2.7935e+01	6.2493e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	2.4637e+01	2.6644e+01	6.7028e+00
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	-1.4755e+01	-2.1756e+01	6.2989e+00
	119	0.0000e+00	0.0000e+00	0.0000e+00	8.0740e+01	-1.5900e+01	6.0345e+00
	120	0.0000e+00	0.0000e+00	0.0000e+00	3.9747e+01	-3.2761e+00	2.4998e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	2.5753e+01	1.0285e+01	2.7641e+00
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	-3.4795e+01	4.5193e+01	-2.4391e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	1.5961e+01	-5.6535e+01	-7.9508e+00
	118	0.0000e+00	0.0000e+00	0.0000e+00	6.6562e+01	-7.1539e+01	-7.8673e+00
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.5230e+01	-1.7345e+02	-2.4307e+01
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	-2.4097e+01	6.3461e+01	-2.0985e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	1.0708e+01	-1.4291e+01	-1.6701e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	3.3404e+01	-3.6102e+01	-1.8930e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	-3.8933e+01	-1.0900e+02	-2.3214e+01
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.5090e+01	7.2755e+01	-1.8216e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	1.2657e+01	1.3801e+01	-1.6234e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	2.7378e+01	-3.2450e+00	-1.9403e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-2.6173e+01	-5.5289e+01	-2.1385e+01

2415	111	0.0000e+00	0.0000e+00	0.0000e+00	-9.7024e+00	7.4700e+01	-1.4863e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	1.5085e+01	3.3219e+01	-1.3216e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	2.5003e+01	2.1343e+01	-1.6821e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.6597e+01	-1.2280e+01	-1.8468e+01
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	-7.7065e+00	7.0090e+01	-1.1038e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	1.6655e+01	4.5038e+01	-9.4347e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	2.2833e+01	3.8040e+01	-1.3110e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-1.0942e+01	2.1000e+01	-1.4713e+01
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	-8.4802e+00	5.8808e+01	-7.1206e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	1.7320e+01	4.9621e+01	-5.7436e+00
	108	0.0000e+00	0.0000e+00	0.0000e+00	1.9971e+01	4.7270e+01	-9.2283e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	-8.6043e+00	4.5679e+01	-1.0605e+01
2418	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.1379e+01	4.0364e+01	-3.3810e+00
	104	0.0000e+00	0.0000e+00	0.0000e+00	1.7361e+01	4.6851e+01	-2.5505e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	1.6365e+01	4.9180e+01	-5.7207e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-8.8586e+00	6.2578e+01	-6.5511e+00
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	-1.5874e+01	1.4224e+01	3.0158e-01
	102	0.0000e+00	0.0000e+00	0.0000e+00	1.7534e+01	3.6070e+01	6.6857e-02
	104	0.0000e+00	0.0000e+00	0.0000e+00	1.2213e+01	4.3504e+01	-2.9664e+00
	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.0984e+01	7.1963e+01	-2.7317e+00
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	-1.9541e+01	-1.9737e+01	5.5416e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	1.6494e+01	1.4296e+01	3.7905e+00
	102	0.0000e+00	0.0000e+00	0.0000e+00	7.8259e+00	2.9547e+01	-4.5347e-01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-1.4086e+01	7.2832e+01	1.2977e+00
2421	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.7488e+01	-6.1683e+01	1.6830e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	7.2164e+01	-1.2760e+01	3.6773e+00
	100	0.0000e+00	0.0000e+00	0.0000e+00	7.2675e+00	-4.9393e+00	-7.2039e+00
	101	0.0000e+00	0.0000e+00	0.0000e+00	-1.6726e+01	6.7705e+01	5.9488e+00

SFORZI "G1" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	-1.0291e+02	1.1135e+02	4.8581e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-9.1131e+01	-1.6843e+02	5.0316e+01
	84	0.0000e+00	0.0000e+00	0.0000e+00	6.5056e+01	-2.3992e+02	2.6291e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	-2.5573e+02	-4.2161e+02	8.9438e-01
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	-9.7016e+01	1.3322e+02	3.5601e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-6.1731e+01	-3.5280e+01	4.1961e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-2.0192e+01	-6.4340e+01	4.2766e+01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-1.2619e+02	-2.3449e+02	3.6406e+01
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	-9.7539e+01	1.3890e+02	2.7030e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-4.9610e+01	3.1393e+01	3.4975e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-2.0041e+01	1.9443e+01	3.9910e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-1.1166e+02	-9.8218e+01	3.1965e+01
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.0240e+02	1.1642e+02	2.0967e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-4.1109e+01	6.7500e+01	2.5927e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-2.7464e+01	6.3378e+01	3.0298e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-1.0640e+02	5.4704e+00	2.5339e+01
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.0874e+02	6.5177e+01	1.7662e+01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-3.3546e+01	7.3702e+01	1.8419e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-3.5674e+01	7.6105e+01	2.1135e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.0513e+02	7.9043e+01	2.0378e+01
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.1580e+02	-1.4735e+01	1.7095e+01
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-2.5793e+01	5.0128e+01	1.3147e+01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-4.4136e+01	5.9185e+01	1.3794e+01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.0513e+02	1.2272e+02	1.7743e+01
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.2060e+02	-1.2232e+02	2.0871e+01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-1.4438e+01	-3.6718e+00	9.6694e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-5.1492e+01	1.2482e+01	7.6111e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.0533e+02	1.3536e+02	1.8813e+01
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-9.7264e+01	-2.5570e+02	3.9267e+01
	83	0.0000e+00	0.0000e+00	0.0000e+00	2.5975e+01	-8.6747e+01	-3.1185e-01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-4.9750e+01	-6.5550e+01	-5.9120e+00

1697 0.0000e+00 0.0000e+00 0.0000e+00 -9.8498e+01 1.1492e+02 3.3667e+01

682 1654 0.0000e+00 0.0000e+00 0.0000e+00 -9.8497e+01 1.1492e+02 -3.3686e+01  
1886 0.0000e+00 0.0000e+00 0.0000e+00 -4.9749e+01 -6.5534e+01 5.8910e+00  
83 0.0000e+00 0.0000e+00 0.0000e+00 2.5970e+01 -8.6745e+01 2.8601e-01  
28 0.0000e+00 0.0000e+00 0.0000e+00 -9.7260e+01 -2.5567e+02 -3.9291e+01

683 1653 0.0000e+00 0.0000e+00 0.0000e+00 -1.0533e+02 1.3535e+02 -1.8834e+01  
1885 0.0000e+00 0.0000e+00 0.0000e+00 -5.1490e+01 1.2490e+01 -7.6308e+00  
1886 0.0000e+00 0.0000e+00 0.0000e+00 -1.4439e+01 -3.6632e+00 -9.6892e+00  
1654 0.0000e+00 0.0000e+00 0.0000e+00 -1.2060e+02 -1.2229e+02 -2.0892e+01

684 1652 0.0000e+00 0.0000e+00 0.0000e+00 -1.0514e+02 1.2270e+02 -1.7763e+01  
1884 0.0000e+00 0.0000e+00 0.0000e+00 -4.4135e+01 5.9185e+01 -1.3814e+01  
1885 0.0000e+00 0.0000e+00 0.0000e+00 -2.5796e+01 5.0130e+01 -1.3167e+01  
1653 0.0000e+00 0.0000e+00 0.0000e+00 -1.1580e+02 -1.4717e+01 -1.7115e+01

685 1651 0.0000e+00 0.0000e+00 0.0000e+00 -1.0515e+02 7.9013e+01 -2.0396e+01  
1883 0.0000e+00 0.0000e+00 0.0000e+00 -3.5673e+01 7.6095e+01 -2.1153e+01  
1884 0.0000e+00 0.0000e+00 0.0000e+00 -3.3551e+01 7.3695e+01 -1.8438e+01  
1652 0.0000e+00 0.0000e+00 0.0000e+00 -1.0874e+02 6.5191e+01 -1.7681e+01

686 1650 0.0000e+00 0.0000e+00 0.0000e+00 -1.0642e+02 5.4224e+00 -2.5353e+01  
1882 0.0000e+00 0.0000e+00 0.0000e+00 -2.7463e+01 6.3354e+01 -3.0313e+01  
1883 0.0000e+00 0.0000e+00 0.0000e+00 -4.1116e+01 6.7481e+01 -2.5944e+01  
1651 0.0000e+00 0.0000e+00 0.0000e+00 -1.0241e+02 1.1643e+02 -2.0985e+01

687 1649 0.0000e+00 0.0000e+00 0.0000e+00 -1.1168e+02 -9.8291e+01 -3.1975e+01  
1881 0.0000e+00 0.0000e+00 0.0000e+00 -2.0040e+01 1.9402e+01 -3.9921e+01  
1882 0.0000e+00 0.0000e+00 0.0000e+00 -4.9619e+01 3.1357e+01 -3.4990e+01  
1650 0.0000e+00 0.0000e+00 0.0000e+00 -9.7552e+01 1.3891e+02 -2.7044e+01

688 1648 0.0000e+00 0.0000e+00 0.0000e+00 -1.2622e+02 -2.3460e+02 -3.6409e+01  
1880 0.0000e+00 0.0000e+00 0.0000e+00 -2.0192e+01 -6.4404e+01 -4.2770e+01  
1881 0.0000e+00 0.0000e+00 0.0000e+00 -6.1743e+01 -3.5338e+01 -4.1971e+01  
1649 0.0000e+00 0.0000e+00 0.0000e+00 -9.7033e+01 1.3321e+02 -3.5610e+01

689 27 0.0000e+00 0.0000e+00 0.0000e+00 -2.5577e+02 -4.2176e+02 -8.8503e-01  
82 0.0000e+00 0.0000e+00 0.0000e+00 6.5075e+01 -2.4002e+02 -2.6253e+00  
1880 0.0000e+00 0.0000e+00 0.0000e+00 -9.1147e+01 -1.6852e+02 -5.0321e+01  
1648 0.0000e+00 0.0000e+00 0.0000e+00 -1.0293e+02 1.1134e+02 -4.8581e+01

690 1879 0.0000e+00 0.0000e+00 0.0000e+00 -1.3547e+02 -1.8526e+02 -2.9424e+01  
882 0.0000e+00 0.0000e+00 0.0000e+00 -1.5055e+02 1.6778e+02 -6.1828e+01  
7 0.0000e+00 0.0000e+00 0.0000e+00 -3.0185e+02 -5.7307e+02 7.3450e+00  
73 0.0000e+00 0.0000e+00 0.0000e+00 -4.7177e+01 -3.6233e+02 3.9749e+01

691 1878 0.0000e+00 0.0000e+00 0.0000e+00 -8.1348e+01 -3.2420e+01 -4.7934e+01  
880 0.0000e+00 0.0000e+00 0.0000e+00 -1.2278e+02 1.9317e+02 -4.5616e+01  
882 0.0000e+00 0.0000e+00 0.0000e+00 -1.7886e+02 -3.0231e+02 -4.5937e+01  
1879 0.0000e+00 0.0000e+00 0.0000e+00 -2.0758e+01 -7.6068e+01 -4.8255e+01

692 1877 0.0000e+00 0.0000e+00 0.0000e+00 -6.0163e+01 6.1002e+01 -3.2093e+01  
878 0.0000e+00 0.0000e+00 0.0000e+00 -1.1358e+02 1.8872e+02 -2.6825e+01  
880 0.0000e+00 0.0000e+00 0.0000e+00 -1.4048e+02 -1.1185e+02 -3.9462e+01  
1878 0.0000e+00 0.0000e+00 0.0000e+00 -2.3025e+01 4.1862e+01 -4.4730e+01

693 1876 0.0000e+00 0.0000e+00 0.0000e+00 -4.6340e+01 1.0794e+02 -8.6822e+00  
876 0.0000e+00 0.0000e+00 0.0000e+00 -1.1356e+02 1.5044e+02 -5.7080e+00  
878 0.0000e+00 0.0000e+00 0.0000e+00 -1.2334e+02 2.5661e+01 -2.1590e+01  
1877 0.0000e+00 0.0000e+00 0.0000e+00 -3.0779e+01 1.0083e+02 -2.4564e+01

694 1875 0.0000e+00 0.0000e+00 0.0000e+00 -3.5621e+01 1.1211e+02 1.5607e+01  
874 0.0000e+00 0.0000e+00 0.0000e+00 -1.2091e+02 7.4969e+01 1.5472e+01  
876 0.0000e+00 0.0000e+00 0.0000e+00 -1.1558e+02 1.1982e+02 -3.8684e-01  
1876 0.0000e+00 0.0000e+00 0.0000e+00 -4.1207e+01 1.1530e+02 -2.5199e-01

695 1874 0.0000e+00 0.0000e+00 0.0000e+00 -2.7403e+01 7.2520e+01 3.6204e+01  
872 0.0000e+00 0.0000e+00 0.0000e+00 -1.3662e+02 -4.2552e+01 3.3326e+01  
874 0.0000e+00 0.0000e+00 0.0000e+00 -1.1518e+02 1.7593e+02 2.0513e+01  
1875 0.0000e+00 0.0000e+00 0.0000e+00 -5.4434e+01 8.7218e+01 2.3391e+01

696 1873 0.0000e+00 0.0000e+00 0.0000e+00 -2.1476e+01 -2.2368e+01 4.3029e+01  
870 0.0000e+00 0.0000e+00 0.0000e+00 -1.7024e+02 -2.1040e+02 4.0661e+01  
872 0.0000e+00 0.0000e+00 0.0000e+00 -1.2277e+02 1.9726e+02 3.8625e+01  
1874 0.0000e+00 0.0000e+00 0.0000e+00 -7.3549e+01 1.3416e+01 4.0993e+01

697 72 0.0000e+00 0.0000e+00 0.0000e+00 -6.5519e+01 -2.6557e+02 -2.5620e+01  
6 0.0000e+00 0.0000e+00 0.0000e+00 -2.4502e+02 -4.4932e+02 -1.3939e+00

	870	0.0000e+00	0.0000e+00	0.0000e+00	-1.4547e+02	1.8359e+02	5.0751e+01
	1873	0.0000e+00	0.0000e+00	0.0000e+00	-1.1797e+02	-1.0744e+02	2.6525e+01
698	1872	0.0000e+00	0.0000e+00	0.0000e+00	-1.1797e+02	-1.0743e+02	-2.6495e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	-1.4547e+02	1.8359e+02	-5.0721e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.4503e+02	-4.4929e+02	1.4185e+00
	72	0.0000e+00	0.0000e+00	0.0000e+00	-6.5518e+01	-2.6554e+02	2.5645e+01
699	1871	0.0000e+00	0.0000e+00	0.0000e+00	-7.3548e+01	1.3422e+01	-4.0962e+01
	794	0.0000e+00	0.0000e+00	0.0000e+00	-1.2278e+02	1.9724e+02	-3.8594e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	-1.7024e+02	-2.1037e+02	-4.0629e+01
	1872	0.0000e+00	0.0000e+00	0.0000e+00	-2.1480e+01	-2.2360e+01	-4.2997e+01
700	1870	0.0000e+00	0.0000e+00	0.0000e+00	-5.4433e+01	8.7213e+01	-2.3361e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	-1.1519e+02	1.7591e+02	-2.0483e+01
	794	0.0000e+00	0.0000e+00	0.0000e+00	-1.3662e+02	-4.2532e+01	-3.3295e+01
	1871	0.0000e+00	0.0000e+00	0.0000e+00	-2.7408e+01	7.2517e+01	-3.6173e+01
701	1869	0.0000e+00	0.0000e+00	0.0000e+00	-4.1206e+01	1.1529e+02	2.7954e-01
	790	0.0000e+00	0.0000e+00	0.0000e+00	-1.1560e+02	1.1978e+02	4.1425e-01
	792	0.0000e+00	0.0000e+00	0.0000e+00	-1.2092e+02	7.4985e+01	-1.5442e+01
	1870	0.0000e+00	0.0000e+00	0.0000e+00	-3.5628e+01	1.1209e+02	-1.5577e+01
702	1868	0.0000e+00	0.0000e+00	0.0000e+00	-3.0779e+01	1.0080e+02	2.4588e+01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.2336e+02	2.5591e+01	2.1613e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	-1.1357e+02	1.5045e+02	5.7341e+00
	1869	0.0000e+00	0.0000e+00	0.0000e+00	-4.6349e+01	1.0791e+02	8.7092e+00
703	1867	0.0000e+00	0.0000e+00	0.0000e+00	-2.3024e+01	4.1802e+01	4.4748e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-1.4051e+02	-1.1196e+02	3.9478e+01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.1360e+02	1.8872e+02	2.6846e+01
	1868	0.0000e+00	0.0000e+00	0.0000e+00	-6.0175e+01	6.0949e+01	3.2116e+01
704	1866	0.0000e+00	0.0000e+00	0.0000e+00	-2.0755e+01	-7.6161e+01	4.8266e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-1.7889e+02	-3.0247e+02	4.5944e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-1.2280e+02	1.9315e+02	4.5629e+01
	1867	0.0000e+00	0.0000e+00	0.0000e+00	-8.1363e+01	-3.2503e+01	4.7952e+01
705	71	0.0000e+00	0.0000e+00	0.0000e+00	-4.7138e+01	-3.6246e+02	-3.9745e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-3.0189e+02	-5.7329e+02	-7.3579e+00
	784	0.0000e+00	0.0000e+00	0.0000e+00	-1.5057e+02	1.6775e+02	6.1828e+01
	1866	0.0000e+00	0.0000e+00	0.0000e+00	-1.3549e+02	-1.8539e+02	2.9441e+01
706	1865	0.0000e+00	0.0000e+00	0.0000e+00	-1.2761e+02	-1.9495e+02	5.7701e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-1.7766e+02	1.1922e+02	-2.3760e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.8894e+02	-5.2115e+02	3.1086e+01
	75	0.0000e+00	0.0000e+00	0.0000e+00	-6.8829e+01	-3.3038e+02	6.0615e+01
707	1864	0.0000e+00	0.0000e+00	0.0000e+00	-7.8860e+01	-6.9943e+01	-1.5138e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-1.5152e+02	1.1203e+02	-1.6590e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-1.9141e+02	-2.8441e+02	-1.3114e+01
	1865	0.0000e+00	0.0000e+00	0.0000e+00	-4.1557e+01	-1.1025e+02	-1.1662e+01
708	1863	0.0000e+00	0.0000e+00	0.0000e+00	-5.8975e+01	-6.7281e+00	-8.0101e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-1.4342e+02	7.5403e+01	-5.8622e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-1.5950e+02	-1.1930e+02	-1.2532e+01
	1864	0.0000e+00	0.0000e+00	0.0000e+00	-3.9080e+01	-2.2167e+01	-1.4680e+01
709	1862	0.0000e+00	0.0000e+00	0.0000e+00	-4.6901e+01	9.8882e+00	5.7687e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-1.4596e+02	2.4594e+00	5.9221e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-1.4628e+02	-2.9632e+00	-2.9234e+00
	1863	0.0000e+00	0.0000e+00	0.0000e+00	-4.6309e+01	9.5105e+00	-3.0769e+00
710	1861	0.0000e+00	0.0000e+00	0.0000e+00	-3.9592e+01	-1.9258e+01	1.7509e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-1.5889e+02	-1.1139e+02	1.5672e+01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-1.4347e+02	7.2271e+01	8.8857e+00
	1862	0.0000e+00	0.0000e+00	0.0000e+00	-5.8281e+01	-4.5949e+00	1.0723e+01
711	1860	0.0000e+00	0.0000e+00	0.0000e+00	-4.1648e+01	-1.0450e+02	1.4927e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-1.9062e+02	-2.7370e+02	1.6605e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-1.5131e+02	1.1109e+02	1.9793e+01
	1861	0.0000e+00	0.0000e+00	0.0000e+00	-7.7976e+01	-6.5295e+01	1.8115e+01
712	74	0.0000e+00	0.0000e+00	0.0000e+00	-7.2253e+01	-3.2079e+02	-5.6167e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-2.8399e+02	-5.0686e+02	-2.6435e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-1.7724e+02	1.1999e+02	2.6987e+01
	1860	0.0000e+00	0.0000e+00	0.0000e+00	-1.2615e+02	-1.8628e+02	-2.7450e+00
713	1599	0.0000e+00	0.0000e+00	0.0000e+00	-1.1727e+02	7.2379e+01	2.3728e+01

	1859	0.0000e+00	0.0000e+00	0.0000e+00	-8.2561e+01	-1.6892e+02	2.7835e+01
	86	0.0000e+00	0.0000e+00	0.0000e+00	5.4808e+01	-2.2227e+02	-1.1921e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	-2.4733e+02	-3.7412e+02	-1.6028e+01
714	1598	0.0000e+00	0.0000e+00	0.0000e+00	-1.0894e+02	6.3470e+01	1.4350e+01
	1858	0.0000e+00	0.0000e+00	0.0000e+00	-5.6820e+01	-5.7238e+01	1.6286e+01
	1859	0.0000e+00	0.0000e+00	0.0000e+00	-3.3664e+01	-8.7617e+01	1.7244e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-1.2866e+02	-2.1048e+02	1.5308e+01
715	1597	0.0000e+00	0.0000e+00	0.0000e+00	-1.0615e+02	4.0568e+01	4.5000e+00
	1857	0.0000e+00	0.0000e+00	0.0000e+00	-4.4480e+01	-1.5009e+01	7.5099e+00
	1858	0.0000e+00	0.0000e+00	0.0000e+00	-2.9780e+01	-2.5494e+01	1.4513e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-1.1550e+02	-9.6828e+01	1.1503e+01
716	1596	0.0000e+00	0.0000e+00	0.0000e+00	-1.0826e+02	-1.0801e+01	-5.8927e+00
	1856	0.0000e+00	0.0000e+00	0.0000e+00	-3.6319e+01	-3.3990e+00	-5.7530e+00
	1857	0.0000e+00	0.0000e+00	0.0000e+00	-3.5898e+01	-3.6487e+00	2.4325e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-1.0843e+02	-1.4664e+01	2.2928e+00
717	1595	0.0000e+00	0.0000e+00	0.0000e+00	-1.1524e+02	-9.1233e+01	-1.5137e+01
	1855	0.0000e+00	0.0000e+00	0.0000e+00	-3.0158e+01	-2.3503e+01	-1.7883e+01
	1856	0.0000e+00	0.0000e+00	0.0000e+00	-4.4014e+01	-1.3538e+01	-1.0844e+01
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-1.0626e+02	3.8356e+01	-8.0992e+00
718	1594	0.0000e+00	0.0000e+00	0.0000e+00	-1.2822e+02	-2.0302e+02	-1.9062e+01
	1854	0.0000e+00	0.0000e+00	0.0000e+00	-3.3822e+01	-8.3685e+01	-2.0838e+01
	1855	0.0000e+00	0.0000e+00	0.0000e+00	-5.6241e+01	-5.4022e+01	-1.9746e+01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-1.0895e+02	6.2858e+01	-1.7970e+01
719	30	0.0000e+00	0.0000e+00	0.0000e+00	-2.4493e+02	-3.6442e+02	1.1675e+01
	85	0.0000e+00	0.0000e+00	0.0000e+00	5.3945e+01	-2.1548e+02	7.3904e+00
	1854	0.0000e+00	0.0000e+00	0.0000e+00	-8.1532e+01	-1.6336e+02	-3.1548e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-1.1707e+02	7.3190e+01	-2.7264e+01
720	1853	0.0000e+00	0.0000e+00	0.0000e+00	-1.2610e+02	-1.8602e+02	2.8136e+00
	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.7720e+02	1.2002e+02	-2.6918e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.8389e+02	-5.0641e+02	2.6462e+01
	70	0.0000e+00	0.0000e+00	0.0000e+00	-7.2262e+01	-3.2047e+02	5.6193e+01
721	1852	0.0000e+00	0.0000e+00	0.0000e+00	-7.7945e+01	-6.5139e+01	-1.8024e+01
	955	0.0000e+00	0.0000e+00	0.0000e+00	-1.5129e+02	1.1106e+02	-1.9704e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.9056e+02	-2.7337e+02	-1.6531e+01
	1853	0.0000e+00	0.0000e+00	0.0000e+00	-4.1654e+01	-1.0431e+02	-1.4851e+01
722	1851	0.0000e+00	0.0000e+00	0.0000e+00	-5.8258e+01	-4.5218e+00	-1.0620e+01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-1.4347e+02	7.2177e+01	-8.7868e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	-1.5886e+02	-1.1114e+02	-1.5580e+01
	1852	0.0000e+00	0.0000e+00	0.0000e+00	-3.9606e+01	-1.9161e+01	-1.7413e+01
723	1850	0.0000e+00	0.0000e+00	0.0000e+00	-4.6292e+01	9.5034e+00	3.1823e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.4630e+02	-3.1331e+00	3.0244e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	-1.4595e+02	2.6348e+00	-5.8226e+00
	1851	0.0000e+00	0.0000e+00	0.0000e+00	-4.6921e+01	9.9041e+00	-5.6647e+00
724	1849	0.0000e+00	0.0000e+00	0.0000e+00	-3.9065e+01	-2.2259e+01	1.4782e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-1.5953e+02	-1.1957e+02	1.2627e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.4343e+02	7.5514e+01	5.9608e+00
	1850	0.0000e+00	0.0000e+00	0.0000e+00	-5.9001e+01	-6.7946e+00	8.1166e+00
725	1848	0.0000e+00	0.0000e+00	0.0000e+00	-4.1544e+01	-1.1045e+02	1.1754e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-1.9145e+02	-2.8478e+02	1.3191e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-1.5155e+02	1.1208e+02	1.6678e+01
	1849	0.0000e+00	0.0000e+00	0.0000e+00	-7.8892e+01	-7.0098e+01	1.5241e+01
726	69	0.0000e+00	0.0000e+00	0.0000e+00	-6.8746e+01	-3.3079e+02	-6.0577e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8901e+02	-5.2166e+02	-3.1085e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-1.7767e+02	1.1919e+02	2.3824e+01
	1848	0.0000e+00	0.0000e+00	0.0000e+00	-1.2765e+02	-1.9523e+02	-5.6686e+00
727	1557	0.0000e+00	0.0000e+00	0.0000e+00	-1.1705e+02	7.3167e+01	2.7259e+01
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-8.1511e+01	-1.6324e+02	3.1531e+01
	81	0.0000e+00	0.0000e+00	0.0000e+00	5.3909e+01	-2.1534e+02	-7.3973e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	-2.4488e+02	-3.6416e+02	-1.1669e+01
728	1556	0.0000e+00	0.0000e+00	0.0000e+00	-1.0895e+02	6.2797e+01	1.7957e+01
	1846	0.0000e+00	0.0000e+00	0.0000e+00	-5.6223e+01	-5.3966e+01	1.9729e+01
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-3.3830e+01	-8.3611e+01	2.0825e+01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-1.2819e+02	-2.0284e+02	1.9052e+01

729 1555 0.0000e+00 0.0000e+00 0.0000e+00 -1.0627e+02 3.8250e+01 8.0858e+00  
1845 0.0000e+00 0.0000e+00 0.0000e+00 -4.4001e+01 -1.3538e+01 1.0828e+01  
1846 0.0000e+00 0.0000e+00 0.0000e+00 -3.0169e+01 -2.3487e+01 1.7865e+01  
1556 0.0000e+00 0.0000e+00 0.0000e+00 -1.1522e+02 -9.1109e+01 1.5123e+01

730 1554 0.0000e+00 0.0000e+00 0.0000e+00 -1.0845e+02 -1.4820e+01 -2.3007e+00  
1844 0.0000e+00 0.0000e+00 0.0000e+00 -3.5888e+01 -3.7031e+00 -2.4439e+00  
1845 0.0000e+00 0.0000e+00 0.0000e+00 -3.6334e+01 -3.4370e+00 5.7370e+00  
1555 0.0000e+00 0.0000e+00 0.0000e+00 -1.0826e+02 -1.0727e+01 5.8802e+00

731 1553 0.0000e+00 0.0000e+00 0.0000e+00 -1.1553e+02 -9.7040e+01 -1.1499e+01  
1843 0.0000e+00 0.0000e+00 0.0000e+00 -2.9773e+01 -2.5605e+01 -1.4513e+01  
1844 0.0000e+00 0.0000e+00 0.0000e+00 -4.4499e+01 -1.5102e+01 -7.5192e+00  
1554 0.0000e+00 0.0000e+00 0.0000e+00 -1.0616e+02 4.0596e+01 -4.5054e+00

732 1552 0.0000e+00 0.0000e+00 0.0000e+00 -1.2870e+02 -2.1076e+02 -1.5288e+01  
1842 0.0000e+00 0.0000e+00 0.0000e+00 -3.3662e+01 -8.7791e+01 -1.7227e+01  
1843 0.0000e+00 0.0000e+00 0.0000e+00 -5.6845e+01 -5.7389e+01 -1.6283e+01  
1553 0.0000e+00 0.0000e+00 0.0000e+00 -1.0897e+02 6.3454e+01 -1.4343e+01

733 25 0.0000e+00 0.0000e+00 0.0000e+00 -2.4743e+02 -3.7448e+02 1.6081e+01  
80 0.0000e+00 0.0000e+00 0.0000e+00 5.4846e+01 -2.2252e+02 1.1968e+01  
1842 0.0000e+00 0.0000e+00 0.0000e+00 -8.2595e+01 -1.6916e+02 -2.7818e+01  
1552 0.0000e+00 0.0000e+00 0.0000e+00 -1.1730e+02 7.2326e+01 -2.3704e+01

734 1515 0.0000e+00 0.0000e+00 0.0000e+00 -9.2275e+01 2.7442e+02 -1.0155e+02  
1841 0.0000e+00 0.0000e+00 0.0000e+00 -5.4179e+01 7.5336e+01 -6.3016e+01  
88 0.0000e+00 0.0000e+00 0.0000e+00 2.7010e+01 2.8694e+01 -6.8450e+01  
33 0.0000e+00 0.0000e+00 0.0000e+00 -1.0496e+02 -1.5816e+02 -1.0698e+02

735 1514 0.0000e+00 0.0000e+00 0.0000e+00 -1.1895e+02 3.1178e+02 -1.0205e+02  
1840 0.0000e+00 0.0000e+00 0.0000e+00 -5.3509e+01 1.5465e+02 -7.8063e+01  
1841 0.0000e+00 0.0000e+00 0.0000e+00 -1.5987e+01 1.3755e+02 -7.6676e+01  
1515 0.0000e+00 0.0000e+00 0.0000e+00 -1.1383e+02 -2.2707e+01 -1.0066e+02

736 1513 0.0000e+00 0.0000e+00 0.0000e+00 -1.3125e+02 3.0894e+02 -9.1883e+01  
1839 0.0000e+00 0.0000e+00 0.0000e+00 -5.0837e+01 2.0226e+02 -7.8809e+01  
1840 0.0000e+00 0.0000e+00 0.0000e+00 -2.7455e+01 1.9491e+02 -8.3942e+01  
1514 0.0000e+00 0.0000e+00 0.0000e+00 -1.3139e+02 9.9779e+01 -9.7016e+01

737 1512 0.0000e+00 0.0000e+00 0.0000e+00 -1.3354e+02 2.7212e+02 -7.6284e+01  
1838 0.0000e+00 0.0000e+00 0.0000e+00 -4.5105e+01 2.2597e+02 -7.3545e+01  
1839 0.0000e+00 0.0000e+00 0.0000e+00 -3.6952e+01 2.2405e+02 -8.2349e+01  
1513 0.0000e+00 0.0000e+00 0.0000e+00 -1.3682e+02 1.9771e+02 -8.5088e+01

738 1511 0.0000e+00 0.0000e+00 0.0000e+00 -1.2961e+02 2.0886e+02 -6.1264e+01  
1837 0.0000e+00 0.0000e+00 0.0000e+00 -3.7453e+01 2.2495e+02 -6.6696e+01  
1838 0.0000e+00 0.0000e+00 0.0000e+00 -4.3726e+01 2.2826e+02 -7.5610e+01  
1512 0.0000e+00 0.0000e+00 0.0000e+00 -1.3299e+02 2.6441e+02 -7.0178e+01

739 1510 0.0000e+00 0.0000e+00 0.0000e+00 -1.2286e+02 1.2292e+02 -5.0276e+01  
1836 0.0000e+00 0.0000e+00 0.0000e+00 -2.9186e+01 1.9940e+02 -6.1794e+01  
1837 0.0000e+00 0.0000e+00 0.0000e+00 -4.8673e+01 2.0828e+02 -6.8371e+01  
1511 0.0000e+00 0.0000e+00 0.0000e+00 -1.2385e+02 2.9956e+02 -5.6853e+01

740 1509 0.0000e+00 0.0000e+00 0.0000e+00 -1.1674e+02 1.6271e+01 -4.4956e+01  
1835 0.0000e+00 0.0000e+00 0.0000e+00 -2.1438e+01 1.4953e+02 -6.0441e+01  
1836 0.0000e+00 0.0000e+00 0.0000e+00 -5.2945e+01 1.6464e+02 -6.3641e+01  
1510 0.0000e+00 0.0000e+00 0.0000e+00 -1.1277e+02 3.0510e+02 -4.8156e+01

741 1508 0.0000e+00 0.0000e+00 0.0000e+00 -1.1590e+02 -1.1105e+02 -4.4689e+01  
1834 0.0000e+00 0.0000e+00 0.0000e+00 -1.5370e+01 7.4152e+01 -6.1571e+01  
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1509 0.0000e+00 0.0000e+00 0.0000e+00 -1.0318e+02 2.8413e+02 -4.5437e+01

742 1507 0.0000e+00 0.0000e+00 0.0000e+00 -1.2422e+02 -2.6205e+02 -4.4025e+01  
1833 0.0000e+00 0.0000e+00 0.0000e+00 -2.1776e+01 -3.7439e+01 -5.6191e+01  
1834 0.0000e+00 0.0000e+00 0.0000e+00 -6.8087e+01 5.9428e+00 -6.0181e+01  
1508 0.0000e+00 0.0000e+00 0.0000e+00 -9.9539e+01 2.3953e+02 -4.8014e+01

743 32 0.0000e+00 0.0000e+00 0.0000e+00 -2.6230e+02 -4.5990e+02 -6.4951e+00  
87 0.0000e+00 0.0000e+00 0.0000e+00 7.8045e+01 -2.2542e+02 -1.5563e+01  
1833 0.0000e+00 0.0000e+00 0.0000e+00 -9.5440e+01 -1.5586e+02 -6.5202e+01  
1507 0.0000e+00 0.0000e+00 0.0000e+00 -1.0493e+02 1.9031e+02 -5.6134e+01

744 1446 0.0000e+00 0.0000e+00 0.0000e+00 -9.2422e+01 1.3071e+02 2.9149e+01  
1832 0.0000e+00 0.0000e+00 0.0000e+00 -9.1037e+01 -1.5437e+02 2.8524e+01  
87 0.0000e+00 0.0000e+00 0.0000e+00 7.4016e+01 -2.3063e+02 -2.2598e+01

	32	0.0000e+00	0.0000e+00	0.0000e+00	-2.5870e+02	-4.1114e+02	-2.1972e+01
745	1445	0.0000e+00	0.0000e+00	0.0000e+00	-8.4449e+01	1.6540e+02	1.2542e+01
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-6.0725e+01	-1.3896e+01	1.8889e+01
	1832	0.0000e+00	0.0000e+00	0.0000e+00	-1.5810e+01	-4.4721e+01	2.0828e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-1.1695e+02	-2.2798e+02	1.4480e+01
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	-8.4264e+01	1.9011e+02	8.5100e-01
	1830	0.0000e+00	0.0000e+00	0.0000e+00	-4.9505e+01	6.2055e+01	1.0462e+01
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-1.3814e+01	4.8002e+01	1.6872e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	-1.0116e+02	-9.3160e+01	7.2612e+00
747	1443	0.0000e+00	0.0000e+00	0.0000e+00	-8.9098e+01	1.9139e+02	-7.8957e+00
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-4.2299e+01	1.1229e+02	-1.7597e-01
	1830	0.0000e+00	0.0000e+00	0.0000e+00	-1.9969e+01	1.0481e+02	5.5999e+00
	1444	0.0000e+00	0.0000e+00	0.0000e+00	-9.6331e+01	1.3895e+01	-2.1198e+00
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	-9.4691e+01	1.6727e+02	-1.3677e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-3.6052e+01	1.3788e+02	-9.7223e+00
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-2.7036e+01	1.3506e+02	-5.2849e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	-9.5973e+01	9.6597e+01	-9.2396e+00
749	1441	0.0000e+00	0.0000e+00	0.0000e+00	-9.9567e+01	1.1626e+02	-1.8106e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	-2.9809e+01	1.3915e+02	-1.8658e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-3.4501e+01	1.4052e+02	-1.4761e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-9.5954e+01	1.5544e+02	-1.4209e+01
750	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.0444e+02	3.7170e+01	-2.3057e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-2.3433e+01	1.1492e+02	-2.7892e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	-4.2326e+01	1.2104e+02	-2.3598e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-9.5002e+01	1.9000e+02	-1.8763e+01
751	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.1248e+02	-7.2021e+01	-2.9123e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	-1.7222e+01	6.2252e+01	-3.7068e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-5.1229e+01	7.5004e+01	-3.2571e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-9.4010e+01	2.0008e+02	-2.4625e+01
752	1438	0.0000e+00	0.0000e+00	0.0000e+00	-1.2859e+02	-2.1573e+02	-3.3056e+01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-1.6956e+01	-2.8355e+01	-4.0367e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	-6.3643e+01	6.8572e-02	-3.9522e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-9.6199e+01	1.8572e+02	-3.2212e+01
753	31	0.0000e+00	0.0000e+00	0.0000e+00	-2.4815e+02	-4.1250e+02	6.4544e-01
	86	0.0000e+00	0.0000e+00	0.0000e+00	6.2935e+01	-2.0844e+02	-4.3221e+00
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-9.1935e+01	-1.3796e+02	-4.8329e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-1.0299e+02	1.5612e+02	-4.3361e+01
754	1823	0.0000e+00	0.0000e+00	0.0000e+00	-5.4279e+01	1.0220e+02	-1.7156e+00
	692	0.0000e+00	0.0000e+00	0.0000e+00	-5.1359e+01	3.0943e+02	6.3623e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-2.7278e+01	-2.1563e+02	8.0535e+01
	77	0.0000e+00	0.0000e+00	0.0000e+00	3.7797e+01	-4.6458e+01	1.5196e+01
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	-5.1270e+01	1.9514e+02	3.6210e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-1.0468e+02	3.6543e+02	7.2895e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	-8.9834e+01	-4.1527e+01	5.5843e+01
	1823	0.0000e+00	0.0000e+00	0.0000e+00	-9.0089e-01	1.6713e+02	1.9158e+01
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	-5.0416e+01	2.5383e+02	6.1606e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.2351e+02	3.6492e+02	7.9274e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-1.2211e+02	1.0825e+02	6.8390e+01
	1822	0.0000e+00	0.0000e+00	0.0000e+00	-2.0402e+01	2.4384e+02	5.0722e+01
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	-4.4690e+01	2.8355e+02	7.7587e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.2826e+02	3.2394e+02	8.2325e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.3102e+02	2.2627e+02	7.5953e+01
	1821	0.0000e+00	0.0000e+00	0.0000e+00	-3.3507e+01	2.8099e+02	7.1215e+01
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	-3.6801e+01	2.8284e+02	8.9509e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-1.2843e+02	2.5219e+02	8.6033e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.2862e+02	3.0668e+02	8.0981e+01
	1820	0.0000e+00	0.0000e+00	0.0000e+00	-4.2783e+01	2.8740e+02	8.4457e+01
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	-2.8804e+01	2.5124e+02	1.0036e+02
	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.2916e+02	1.5202e+02	9.1457e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-1.2316e+02	3.5115e+02	8.6296e+01
	1819	0.0000e+00	0.0000e+00	0.0000e+00	-5.0621e+01	2.6354e+02	9.5194e+01
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	-2.1829e+01	1.8814e+02	1.1063e+02
	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.3370e+02	2.2297e+01	9.8021e+01

	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.1910e+02	3.6328e+02	9.2829e+01
	1818	0.0000e+00	0.0000e+00	0.0000e+00	-5.8848e+01	2.0912e+02	1.0544e+02
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	-1.7112e+01	9.0397e+01	1.1810e+02
	678	0.0000e+00	0.0000e+00	0.0000e+00	-1.4528e+02	-1.4127e+02	1.0338e+02
	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.1922e+02	3.4679e+02	1.0000e+02
	1817	0.0000e+00	0.0000e+00	0.0000e+00	-6.9335e+01	1.2273e+02	1.1472e+02
762	1815	0.0000e+00	0.0000e+00	0.0000e+00	-2.5331e+01	-6.1132e+01	1.0974e+02
	676	0.0000e+00	0.0000e+00	0.0000e+00	-1.6971e+02	-3.4734e+02	9.9249e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-1.2613e+02	3.0394e+02	1.0650e+02
	1816	0.0000e+00	0.0000e+00	0.0000e+00	-8.7564e+01	1.4028e+00	1.1700e+02
763	76	0.0000e+00	0.0000e+00	0.0000e+00	-1.1504e+01	-3.9115e+02	6.7746e+00
	10	0.0000e+00	0.0000e+00	0.0000e+00	-3.0718e+02	-6.2727e+02	2.4931e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-1.4239e+02	2.4204e+02	1.1317e+02
	1815	0.0000e+00	0.0000e+00	0.0000e+00	-1.4401e+02	-1.9261e+02	9.5012e+01
764	1814	0.0000e+00	0.0000e+00	0.0000e+00	-1.3430e+02	-1.8241e+02	-4.3138e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-1.3086e+02	1.8189e+02	-7.0761e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-3.0635e+02	-5.7231e+02	1.2240e+01
	76	0.0000e+00	0.0000e+00	0.0000e+00	-1.2830e+01	-3.7779e+02	3.9864e+01
765	1813	0.0000e+00	0.0000e+00	0.0000e+00	-7.9318e+01	-1.6023e+01	-5.7730e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	-1.0588e+02	2.2445e+02	-5.3963e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-1.6375e+02	-3.0400e+02	-5.4122e+01
	1814	0.0000e+00	0.0000e+00	0.0000e+00	-1.4086e+01	-6.3200e+01	-5.7890e+01
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	-5.9455e+01	8.9653e+01	-4.0833e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	-9.3967e+01	2.4499e+02	-3.4298e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	-1.2650e+02	-1.1544e+02	-4.7728e+01
	1813	0.0000e+00	0.0000e+00	0.0000e+00	-1.4148e+01	6.7371e+01	-5.4263e+01
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	-4.6779e+01	1.5663e+02	-1.5269e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	-8.9669e+01	2.4022e+02	-1.0429e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	-1.0751e+02	2.4459e+01	-2.8127e+01
	1812	0.0000e+00	0.0000e+00	0.0000e+00	-1.9476e+01	1.4425e+02	-3.2967e+01
768	1810	0.0000e+00	0.0000e+00	0.0000e+00	-3.7061e+01	1.8955e+02	1.3181e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	-9.1376e+01	2.0826e+02	1.5732e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	-9.6904e+01	1.2645e+02	-3.6120e+00
	1811	0.0000e+00	0.0000e+00	0.0000e+00	-2.6544e+01	1.8474e+02	-6.1633e+00
769	1809	0.0000e+00	0.0000e+00	0.0000e+00	-2.9150e+01	1.8984e+02	4.1960e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-9.8852e+01	1.4586e+02	4.2056e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	-9.2543e+01	1.9665e+02	2.2722e+01
	1810	0.0000e+00	0.0000e+00	0.0000e+00	-3.5272e+01	1.9222e+02	2.2626e+01
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	-2.2528e+01	1.5637e+02	6.8835e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.1267e+02	4.8137e+01	6.6399e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-9.3800e+01	2.3858e+02	4.8702e+01
	1809	0.0000e+00	0.0000e+00	0.0000e+00	-4.6160e+01	1.6655e+02	5.1137e+01
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	-1.7430e+01	8.4520e+01	9.0377e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-1.3493e+02	-9.2207e+01	8.5845e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.0089e+02	2.5405e+02	7.2295e+01
	1808	0.0000e+00	0.0000e+00	0.0000e+00	-6.0338e+01	1.0504e+02	7.6828e+01
772	1806	0.0000e+00	0.0000e+00	0.0000e+00	-1.4492e+01	-4.2887e+01	9.5201e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-1.7760e+02	-2.8676e+02	9.2538e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-1.1545e+02	2.4362e+02	9.1916e+01
	1807	0.0000e+00	0.0000e+00	0.0000e+00	-8.1850e+01	1.0190e+00	9.4579e+01
773	75	0.0000e+00	0.0000e+00	0.0000e+00	-6.4747e+01	-3.4622e+02	5.4539e+00
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.8095e+02	-5.6279e+02	3.7835e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-1.4662e+02	2.0461e+02	1.0622e+02
	1806	0.0000e+00	0.0000e+00	0.0000e+00	-1.3575e+02	-1.5184e+02	7.3835e+01
774	1805	0.0000e+00	0.0000e+00	0.0000e+00	-1.3511e+02	-1.4008e+02	-6.5243e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-1.4620e+02	2.1738e+02	-9.7142e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-2.7738e+02	-5.5438e+02	-3.1652e+01
	74	0.0000e+00	0.0000e+00	0.0000e+00	-6.6310e+01	-3.3088e+02	2.4581e-01
775	1804	0.0000e+00	0.0000e+00	0.0000e+00	-8.2043e+01	1.3547e+01	-8.5017e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	-1.1458e+02	2.5813e+02	-8.2132e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-1.7719e+02	-2.7800e+02	-8.3551e+01
	1805	0.0000e+00	0.0000e+00	0.0000e+00	-1.3797e+01	-3.0511e+01	-8.6436e+01
776	1803	0.0000e+00	0.0000e+00	0.0000e+00	-6.0627e+01	1.1929e+02	-6.6159e+01



	455	0.0000e+00	0.0000e+00	0.0000e+00	-1.0016e+02	2.7009e+02	-6.1297e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	-1.3440e+02	-8.2098e+01	-7.5709e+01
	1804	0.0000e+00	0.0000e+00	0.0000e+00	-1.6881e+01	9.8179e+01	-8.0572e+01
777	1802	0.0000e+00	0.0000e+00	0.0000e+00	-4.6506e+01	1.8235e+02	-3.9197e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	-9.3553e+01	2.5560e+02	-3.6329e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	-1.1234e+02	6.0074e+01	-5.5035e+01
	1803	0.0000e+00	0.0000e+00	0.0000e+00	-2.2110e+01	1.7159e+02	-5.7903e+01
778	1801	0.0000e+00	0.0000e+00	0.0000e+00	-3.5657e+01	2.0919e+02	-9.2326e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	-9.3062e+01	2.1365e+02	-8.8669e+00
	453	0.0000e+00	0.0000e+00	0.0000e+00	-9.8976e+01	1.5998e+02	-2.9330e+01
	1802	0.0000e+00	0.0000e+00	0.0000e+00	-2.9028e+01	2.0629e+02	-2.9696e+01
779	1800	0.0000e+00	0.0000e+00	0.0000e+00	-2.6921e+01	2.0213e+02	2.1178e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-9.8441e+01	1.4185e+02	1.9032e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	-9.2152e+01	2.2473e+02	-1.5524e+00
	1801	0.0000e+00	0.0000e+00	0.0000e+00	-3.7406e+01	2.0656e+02	5.9309e-01
780	1799	0.0000e+00	0.0000e+00	0.0000e+00	-1.9787e+01	1.6085e+02	4.9757e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.1035e+02	3.6059e+01	4.5205e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-9.1247e+01	2.5894e+02	2.6158e+01
	1800	0.0000e+00	0.0000e+00	0.0000e+00	-4.7789e+01	1.7311e+02	3.0710e+01
781	1798	0.0000e+00	0.0000e+00	0.0000e+00	-1.4517e+01	8.1377e+01	7.2882e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	-1.3117e+02	-1.1047e+02	6.6606e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-9.6552e+01	2.6545e+02	5.1749e+01
	1799	0.0000e+00	0.0000e+00	0.0000e+00	-6.1405e+01	1.0398e+02	5.8025e+01
782	1797	0.0000e+00	0.0000e+00	0.0000e+00	-1.3266e+01	-5.3614e+01	7.8281e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	-1.7314e+02	-3.0908e+02	7.5059e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	-1.1005e+02	2.4584e+02	7.3595e+01
	1798	0.0000e+00	0.0000e+00	0.0000e+00	-8.2664e+01	-6.6309e+00	7.6816e+01
783	73	0.0000e+00	0.0000e+00	0.0000e+00	-4.6406e+01	-3.6860e+02	-1.5913e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.9866e+02	-5.8897e+02	1.7573e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	-1.4089e+02	2.0064e+02	9.1782e+01
	1797	0.0000e+00	0.0000e+00	0.0000e+00	-1.3869e+02	-1.7152e+02	5.8296e+01
784	1371	0.0000e+00	0.0000e+00	0.0000e+00	-1.0240e+02	1.6501e+02	3.7491e+01
	1796	0.0000e+00	0.0000e+00	0.0000e+00	-9.1724e+01	-1.2991e+02	4.3086e+01
	85	0.0000e+00	0.0000e+00	0.0000e+00	6.2748e+01	-2.0044e+02	-1.8667e-01
	30	0.0000e+00	0.0000e+00	0.0000e+00	-2.4593e+02	-4.0685e+02	-5.7819e+00
785	1370	0.0000e+00	0.0000e+00	0.0000e+00	-9.6010e+01	1.9611e+02	2.6129e+01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	-6.3840e+01	8.7579e+00	3.3839e+01
	1796	0.0000e+00	0.0000e+00	0.0000e+00	-1.6450e+01	-1.9892e+01	3.4989e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-1.2832e+02	-2.0959e+02	2.7278e+01
786	1369	0.0000e+00	0.0000e+00	0.0000e+00	-9.4321e+01	2.1156e+02	1.8143e+01
	1794	0.0000e+00	0.0000e+00	0.0000e+00	-5.1587e+01	8.4759e+01	2.6494e+01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	-1.6961e+01	7.1710e+01	3.1257e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	-1.1262e+02	-6.4828e+01	2.2906e+01
787	1368	0.0000e+00	0.0000e+00	0.0000e+00	-9.6093e+01	2.0209e+02	1.1936e+01
	1793	0.0000e+00	0.0000e+00	0.0000e+00	-4.2816e+01	1.3168e+02	1.7266e+01
	1794	0.0000e+00	0.0000e+00	0.0000e+00	-2.3398e+01	1.2532e+02	2.1747e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	-1.0509e+02	4.5739e+01	1.6417e+01
788	1367	0.0000e+00	0.0000e+00	0.0000e+00	-9.8183e+01	1.6726e+02	7.2498e+00
	1792	0.0000e+00	0.0000e+00	0.0000e+00	-3.5120e+01	1.5163e+02	8.3699e+00
	1793	0.0000e+00	0.0000e+00	0.0000e+00	-3.0141e+01	1.5015e+02	1.2292e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	-1.0097e+02	1.2649e+02	1.1172e+01
789	1366	0.0000e+00	0.0000e+00	0.0000e+00	-9.9659e+01	1.0670e+02	2.5131e+00
	1791	0.0000e+00	0.0000e+00	0.0000e+00	-2.7748e+01	1.4590e+02	-8.9174e-01
	1792	0.0000e+00	0.0000e+00	0.0000e+00	-3.6927e+01	1.4880e+02	3.3342e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	-9.7138e+01	1.7935e+02	6.7391e+00
790	1365	0.0000e+00	0.0000e+00	0.0000e+00	-1.0160e+02	2.0118e+01	-3.9118e+00
	1790	0.0000e+00	0.0000e+00	0.0000e+00	-2.0662e+01	1.1426e+02	-1.1282e+01
	1791	0.0000e+00	0.0000e+00	0.0000e+00	-4.3887e+01	1.2204e+02	-5.9711e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-9.2786e+01	2.0532e+02	1.3997e+00
791	1364	0.0000e+00	0.0000e+00	0.0000e+00	-1.0769e+02	-9.3696e+01	-1.2188e+01
	1789	0.0000e+00	0.0000e+00	0.0000e+00	-1.4266e+01	5.4550e+01	-2.1954e+01
	1790	0.0000e+00	0.0000e+00	0.0000e+00	-5.1905e+01	6.9132e+01	-1.6138e+01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-8.9146e+01	2.0548e+02	-6.3726e+00

792 1363 0.0000e+00 0.0000e+00 0.0000e+00 -1.2391e+02 -2.3865e+02 -1.8202e+01  
1788 0.0000e+00 0.0000e+00 0.0000e+00 -1.5039e+01 -4.2767e+01 -2.5789e+01  
1789 0.0000e+00 0.0000e+00 0.0000e+00 -6.3808e+01 -1.1547e+01 -2.4232e+01  
1364 0.0000e+00 0.0000e+00 0.0000e+00 -8.9977e+01 1.8115e+02 -1.6645e+01

793 29 0.0000e+00 0.0000e+00 0.0000e+00 -2.5575e+02 -4.3422e+02 1.7444e+01  
84 0.0000e+00 0.0000e+00 0.0000e+00 6.7685e+01 -2.3412e+02 1.5709e+01  
1788 0.0000e+00 0.0000e+00 0.0000e+00 -9.3790e+01 -1.5608e+02 -3.2961e+01  
1363 0.0000e+00 0.0000e+00 0.0000e+00 -9.7670e+01 1.4357e+02 -3.1227e+01

794 1296 0.0000e+00 0.0000e+00 0.0000e+00 -9.7683e+01 1.4356e+02 3.1247e+01  
1787 0.0000e+00 0.0000e+00 0.0000e+00 -9.3804e+01 -1.5614e+02 3.2982e+01  
82 0.0000e+00 0.0000e+00 0.0000e+00 6.7697e+01 -2.3421e+02 -1.5705e+01  
27 0.0000e+00 0.0000e+00 0.0000e+00 -2.5579e+02 -4.3433e+02 -1.7441e+01

795 1295 0.0000e+00 0.0000e+00 0.0000e+00 -8.9988e+01 1.8115e+02 1.6670e+01  
1786 0.0000e+00 0.0000e+00 0.0000e+00 -6.3816e+01 -1.1585e+01 2.4258e+01  
1787 0.0000e+00 0.0000e+00 0.0000e+00 -1.5038e+01 -4.2812e+01 2.5810e+01  
1296 0.0000e+00 0.0000e+00 0.0000e+00 -1.2393e+02 -2.3872e+02 1.8222e+01

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1785 0.0000e+00 0.0000e+00 0.0000e+00 -5.1911e+01 6.9110e+01 1.6167e+01  
1786 0.0000e+00 0.0000e+00 0.0000e+00 -1.4265e+01 5.4525e+01 2.1980e+01  
1295 0.0000e+00 0.0000e+00 0.0000e+00 -1.0770e+02 -9.3747e+01 1.2214e+01

797 1293 0.0000e+00 0.0000e+00 0.0000e+00 -9.2788e+01 2.0534e+02 -1.3690e+00  
1784 0.0000e+00 0.0000e+00 0.0000e+00 -4.3891e+01 1.2203e+02 6.0015e+00  
1785 0.0000e+00 0.0000e+00 0.0000e+00 -2.0660e+01 1.1425e+02 1.1312e+01  
1294 0.0000e+00 0.0000e+00 0.0000e+00 -1.0161e+02 2.0084e+01 3.9413e+00

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1783 0.0000e+00 0.0000e+00 0.0000e+00 -3.6930e+01 1.4880e+02 -3.3037e+00  
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1292 0.0000e+00 0.0000e+00 0.0000e+00 -9.8181e+01 1.6725e+02 -7.2191e+00

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1781 0.0000e+00 0.0000e+00 0.0000e+00 -2.3400e+01 1.2535e+02 -2.1720e+01  
1782 0.0000e+00 0.0000e+00 0.0000e+00 -4.2809e+01 1.3170e+02 -1.7237e+01  
1291 0.0000e+00 0.0000e+00 0.0000e+00 -9.6086e+01 2.0209e+02 -1.1907e+01

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1290 0.0000e+00 0.0000e+00 0.0000e+00 -9.4310e+01 2.1156e+02 -1.8119e+01

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1779 0.0000e+00 0.0000e+00 0.0000e+00 -1.6452e+01 -1.9813e+01 -3.4973e+01  
1780 0.0000e+00 0.0000e+00 0.0000e+00 -6.3828e+01 8.8273e+00 -3.3818e+01  
1289 0.0000e+00 0.0000e+00 0.0000e+00 -9.5996e+01 1.9612e+02 -2.6110e+01

803 26 0.0000e+00 0.0000e+00 0.0000e+00 -2.4589e+02 -4.0668e+02 5.7713e+00  
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1779 0.0000e+00 0.0000e+00 0.0000e+00 -9.1707e+01 -1.2981e+02 -4.3069e+01  
1288 0.0000e+00 0.0000e+00 0.0000e+00 -1.0239e+02 1.6504e+02 -3.7480e+01

804 1778 0.0000e+00 0.0000e+00 0.0000e+00 -1.3871e+02 -1.7162e+02 -5.8336e+01  
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5 0.0000e+00 0.0000e+00 0.0000e+00 -2.9869e+02 -5.8915e+02 -1.7572e+01  
71 0.0000e+00 0.0000e+00 0.0000e+00 -4.6379e+01 -3.6877e+02 1.5904e+01

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1778 0.0000e+00 0.0000e+00 0.0000e+00 -1.3259e+01 -5.3689e+01 -7.8319e+01

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1777 0.0000e+00 0.0000e+00 0.0000e+00 -1.4511e+01 8.1336e+01 -7.2924e+01

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336 0.0000e+00 0.0000e+00 0.0000e+00 -9.1242e+01 2.5897e+02 -2.6201e+01  
338 0.0000e+00 0.0000e+00 0.0000e+00 -1.1035e+02 3.5997e+01 -4.5249e+01

1776 0.0000e+00 0.0000e+00 0.0000e+00 -1.9781e+01 1.6083e+02 -4.9801e+01

808 1774 0.0000e+00 0.0000e+00 0.0000e+00 -3.7410e+01 2.0658e+02 -6.3358e-01  
334 0.0000e+00 0.0000e+00 0.0000e+00 -9.2138e+01 2.2479e+02 1.5118e+00  
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1775 0.0000e+00 0.0000e+00 0.0000e+00 -2.6913e+01 2.0214e+02 -2.1220e+01

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810 1772 0.0000e+00 0.0000e+00 0.0000e+00 -2.2112e+01 1.7167e+02 5.7877e+01  
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1773 0.0000e+00 0.0000e+00 0.0000e+00 -4.6491e+01 1.8242e+02 3.9164e+01

811 1771 0.0000e+00 0.0000e+00 0.0000e+00 -1.6882e+01 9.8298e+01 8.0559e+01  
328 0.0000e+00 0.0000e+00 0.0000e+00 -1.3435e+02 -8.1909e+01 7.5698e+01  
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1772 0.0000e+00 0.0000e+00 0.0000e+00 -6.0606e+01 1.1940e+02 6.6136e+01

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1771 0.0000e+00 0.0000e+00 0.0000e+00 -8.2015e+01 1.3704e+01 8.5010e+01

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1770 0.0000e+00 0.0000e+00 0.0000e+00 -1.3507e+02 -1.3985e+02 6.5258e+01

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1769 0.0000e+00 0.0000e+00 0.0000e+00 -1.4484e+01 -4.3052e+01 -9.5222e+01

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1768 0.0000e+00 0.0000e+00 0.0000e+00 -1.7426e+01 8.4428e+01 -9.0409e+01

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1766 0.0000e+00 0.0000e+00 0.0000e+00 -2.9151e+01 1.8984e+02 -4.2005e+01

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1765 0.0000e+00 0.0000e+00 0.0000e+00 -3.7064e+01 1.8957e+02 -1.3229e+01

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1764 0.0000e+00 0.0000e+00 0.0000e+00 -4.6784e+01 1.5667e+02 1.5217e+01

821 1762 0.0000e+00 0.0000e+00 0.0000e+00 -1.4165e+01 6.7405e+01 5.4193e+01  
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1763 0.0000e+00 0.0000e+00 0.0000e+00 -5.9467e+01 8.9693e+01 4.0772e+01

822 1761 0.0000e+00 0.0000e+00 0.0000e+00 -1.4117e+01 -6.3169e+01 5.7786e+01  
217 0.0000e+00 0.0000e+00 0.0000e+00 -1.6388e+02 -3.0397e+02 5.4056e+01  
219 0.0000e+00 0.0000e+00 0.0000e+00 -1.0594e+02 2.2452e+02 5.3916e+01  
1762 0.0000e+00 0.0000e+00 0.0000e+00 -7.9348e+01 -1.5998e+01 5.7646e+01

823 68 0.0000e+00 0.0000e+00 0.0000e+00 -1.3162e+01 -3.7758e+02 -3.9961e+01  
2 0.0000e+00 0.0000e+00 0.0000e+00 -3.0649e+02 -5.7232e+02 -1.2216e+01

	217	0.0000e+00	0.0000e+00	0.0000e+00	-1.3104e+02	1.8201e+02	7.0710e+01
	1761	0.0000e+00	0.0000e+00	0.0000e+00	-1.3436e+02	-1.8236e+02	4.2965e+01
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	-1.4407e+02	-1.9251e+02	-9.4836e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	-1.4256e+02	2.4218e+02	-1.1312e+02
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.0729e+02	-6.2725e+02	-2.4936e+01
	68	0.0000e+00	0.0000e+00	0.0000e+00	-1.1851e+01	-3.9097e+02	-6.6514e+00
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	-8.7597e+01	1.4628e+00	-1.1691e+02
	115	0.0000e+00	0.0000e+00	0.0000e+00	-1.2619e+02	3.0406e+02	-1.0646e+02
	117	0.0000e+00	0.0000e+00	0.0000e+00	-1.6984e+02	-3.4730e+02	-9.9186e+01
	1760	0.0000e+00	0.0000e+00	0.0000e+00	-2.5356e+01	-6.1061e+01	-1.0964e+02
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	-6.9350e+01	1.2282e+02	-1.1465e+02
	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.1924e+02	3.4691e+02	-9.9951e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-1.4533e+02	-1.4120e+02	-1.0332e+02
	1759	0.0000e+00	0.0000e+00	0.0000e+00	-1.7128e+01	9.0478e+01	-1.1803e+02
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	-5.8855e+01	2.0922e+02	-1.0538e+02
	111	0.0000e+00	0.0000e+00	0.0000e+00	-1.1911e+02	3.6339e+02	-9.2772e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.3373e+02	2.2385e+01	-9.7963e+01
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-2.1835e+01	1.8824e+02	-1.1057e+02
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	-5.0625e+01	2.6365e+02	-9.5130e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-1.2317e+02	3.5126e+02	-8.6233e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-1.2917e+02	1.5212e+02	-9.1397e+01
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-2.8808e+01	2.5135e+02	-1.0029e+02
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	-4.2784e+01	2.8750e+02	-8.4386e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.2863e+02	3.0677e+02	-8.0912e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-1.2844e+02	2.5230e+02	-8.5969e+01
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-3.6805e+01	2.8294e+02	-8.9443e+01
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	-3.3503e+01	2.8109e+02	-7.1132e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.3103e+02	2.2633e+02	-7.5876e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.2827e+02	3.2406e+02	-8.2256e+01
	1755	0.0000e+00	0.0000e+00	0.0000e+00	-4.4694e+01	2.8365e+02	-7.7512e+01
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	-2.0384e+01	2.4393e+02	-5.0614e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-1.2209e+02	1.0828e+02	-6.8302e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.2351e+02	3.6504e+02	-7.9201e+01
	1754	0.0000e+00	0.0000e+00	0.0000e+00	-5.0415e+01	2.5392e+02	-6.1514e+01
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	-8.5654e-01	1.6723e+02	-1.8990e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	-8.9724e+01	-4.1534e+01	-5.5731e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-1.0465e+02	3.6553e+02	-7.2822e+01
	1753	0.0000e+00	0.0000e+00	0.0000e+00	-5.1245e+01	1.9522e+02	-3.6081e+01
833	67	0.0000e+00	0.0000e+00	0.0000e+00	3.8380e+01	-4.6150e+01	-1.4763e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.7128e+01	-2.1566e+02	-8.0357e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	-5.1214e+01	3.0952e+02	-6.3555e+01
	1752	0.0000e+00	0.0000e+00	0.0000e+00	-5.4144e+01	1.0220e+02	2.0380e+00
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	-1.0302e+02	1.5599e+02	4.3453e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-9.1959e+01	-1.3818e+02	4.8417e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	6.2959e+01	-2.0869e+02	4.3719e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	-2.4823e+02	-4.1277e+02	-5.9210e-01
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	-9.6218e+01	1.8560e+02	3.2324e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-6.3656e+01	-1.1570e-01	3.9632e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-1.6959e+01	-2.8548e+01	4.0459e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-1.2862e+02	-2.1596e+02	3.3151e+01
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	-9.4016e+01	1.9998e+02	2.4755e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-5.1238e+01	7.4844e+01	3.2698e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-1.7219e+01	6.2088e+01	3.7182e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	-1.1250e+02	-7.2219e+01	2.9239e+01
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	-9.4992e+01	1.8993e+02	1.8909e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	-4.2332e+01	1.2090e+02	2.3740e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-2.3426e+01	1.1478e+02	2.8023e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	-1.0445e+02	3.6989e+01	2.3191e+01
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	-9.5922e+01	1.5542e+02	1.4367e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	-3.4504e+01	1.4042e+02	1.4915e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	-2.9794e+01	1.3904e+02	1.8804e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-9.9560e+01	1.1609e+02	1.8255e+01
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	-9.5916e+01	9.6653e+01	9.4026e+00

	1746	0.0000e+00	0.0000e+00	0.0000e+00	-2.7038e+01	1.3501e+02	5.4456e+00
	1747	0.0000e+00	0.0000e+00	0.0000e+00	-3.6028e+01	1.3782e+02	9.8787e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-9.4665e+01	1.6711e+02	1.3836e+01
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	-9.6245e+01	1.4062e+01	2.2807e+00
	1745	0.0000e+00	0.0000e+00	0.0000e+00	-1.9971e+01	1.0483e+02	-5.4394e+00
	1746	0.0000e+00	0.0000e+00	0.0000e+00	-4.2261e+01	1.1229e+02	3.3789e-01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-8.9051e+01	1.9124e+02	8.0579e+00
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	-1.0104e+02	-9.2838e+01	-7.1136e+00
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-1.3818e+01	4.8123e+01	-1.6721e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	-4.9451e+01	6.2149e+01	-1.0301e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-8.4193e+01	1.8998e+02	-6.9401e-01
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	-1.1679e+02	-2.2745e+02	-1.4363e+01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-1.5817e+01	-4.4453e+01	-2.0700e+01
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-6.0652e+01	-1.3673e+01	-1.8740e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-8.4351e+01	1.6531e+02	-1.2403e+01
843	24	0.0000e+00	0.0000e+00	0.0000e+00	-2.5845e+02	-4.1033e+02	2.1998e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	7.3899e+01	-2.3012e+02	2.2665e+01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-9.0940e+01	-1.5394e+02	-2.8384e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-9.2308e+01	1.3069e+02	-2.9050e+01
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	-1.0481e+02	1.9024e+02	5.6184e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-9.5343e+01	-1.5541e+02	6.5199e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	7.7920e+01	-2.2490e+02	1.5622e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	-2.6204e+02	-4.5900e+02	6.6079e+00
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	-9.9427e+01	2.3938e+02	4.8025e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-6.8008e+01	6.1578e+00	6.0175e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-2.1778e+01	-3.7159e+01	5.6205e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-1.2406e+02	-2.6145e+02	4.4056e+01
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	-1.0309e+02	2.8391e+02	4.5433e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-5.8044e+01	9.7305e+01	6.2305e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-1.5372e+01	7.4259e+01	6.1563e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-1.1577e+02	-1.1068e+02	4.4692e+01
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	-1.1270e+02	3.0486e+02	4.8152e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	-5.2899e+01	1.6459e+02	6.3631e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-2.1438e+01	1.4951e+02	6.0428e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-1.1664e+02	1.6452e+01	4.4949e+01
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	-1.2380e+02	2.9930e+02	5.6860e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	-4.8639e+01	2.0814e+02	6.8375e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	-2.9184e+01	1.9929e+02	6.1788e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-1.2278e+02	1.2295e+02	5.0272e+01
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	-1.3296e+02	2.6417e+02	7.0204e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	-4.3704e+01	2.2808e+02	7.5636e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	-3.7449e+01	2.2478e+02	6.6706e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-1.2955e+02	2.0878e+02	6.1274e+01
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	-1.3679e+02	1.9749e+02	8.5140e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-3.6938e+01	2.2383e+02	8.2402e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	-4.5099e+01	2.2576e+02	7.3577e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	-1.3350e+02	2.7196e+02	7.6314e+01
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.3136e+02	9.9612e+01	9.7098e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-2.7446e+01	1.9470e+02	8.4025e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-5.0825e+01	2.0205e+02	7.8869e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-1.3122e+02	3.0873e+02	9.1941e+01
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.1378e+02	-2.2796e+01	1.0077e+02
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-1.5956e+01	1.3738e+02	7.6774e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-5.3482e+01	1.5445e+02	7.8144e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.1892e+02	3.1154e+02	1.0214e+02
853	23	0.0000e+00	0.0000e+00	0.0000e+00	-1.0465e+02	-1.5811e+02	1.0705e+02
	78	0.0000e+00	0.0000e+00	0.0000e+00	2.6958e+01	2.8759e+01	6.8450e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-5.4081e+01	7.5242e+01	6.3104e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-9.2232e+01	2.7414e+02	1.0170e+02
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	-9.9306e+01	-1.0175e+02	-4.2907e+01
	90	0.0000e+00	0.0000e+00	0.0000e+00	-1.8858e+02	7.2740e+01	2.0551e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	-4.2669e+02	-2.5989e+02	4.1644e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	2.6979e+02	-1.2628e+02	-2.1814e+01

855 1732 0.0000e+00 0.0000e+00 0.0000e+00 7.1040e+01 -7.7897e+01 -4.8243e+01  
1733 0.0000e+00 0.0000e+00 0.0000e+00 3.2288e+01 -1.0925e+01 -3.4474e+01  
196 0.0000e+00 0.0000e+00 0.0000e+00 -2.0335e+02 -1.6106e+02 -2.2766e+01  
185 0.0000e+00 0.0000e+00 0.0000e+00 3.3510e+02 -1.1678e+02 -3.6535e+01

856 1731 0.0000e+00 0.0000e+00 0.0000e+00 1.8039e+02 -6.4937e+01 -5.3813e+01  
1732 0.0000e+00 0.0000e+00 0.0000e+00 1.5833e+02 -1.3071e+01 -4.8121e+01  
185 0.0000e+00 0.0000e+00 0.0000e+00 -2.8956e+01 -1.3952e+02 -3.7176e+01  
174 0.0000e+00 0.0000e+00 0.0000e+00 3.7943e+02 -1.0886e+02 -4.2868e+01

857 1730 0.0000e+00 0.0000e+00 0.0000e+00 2.5943e+02 -5.5639e+01 -5.5272e+01  
1731 0.0000e+00 0.0000e+00 0.0000e+00 2.4502e+02 -1.8996e+01 -5.2025e+01  
174 0.0000e+00 0.0000e+00 0.0000e+00 1.1054e+02 -1.2592e+02 -4.1992e+01  
163 0.0000e+00 0.0000e+00 0.0000e+00 4.0061e+02 -1.0872e+02 -4.5239e+01

858 1729 0.0000e+00 0.0000e+00 0.0000e+00 3.1032e+02 -4.8484e+01 -5.6260e+01  
1730 0.0000e+00 0.0000e+00 0.0000e+00 3.0171e+02 -2.6234e+01 -5.3055e+01  
163 0.0000e+00 0.0000e+00 0.0000e+00 2.2235e+02 -1.2087e+02 -4.4551e+01  
152 0.0000e+00 0.0000e+00 0.0000e+00 3.9629e+02 -1.1510e+02 -4.7756e+01

859 1728 0.0000e+00 0.0000e+00 0.0000e+00 3.3370e+02 -4.2139e+01 -5.7671e+01  
1729 0.0000e+00 0.0000e+00 0.0000e+00 3.2997e+02 -3.5198e+01 -5.3751e+01  
152 0.0000e+00 0.0000e+00 0.0000e+00 3.1092e+02 -1.2201e+02 -4.8367e+01  
141 0.0000e+00 0.0000e+00 0.0000e+00 3.6084e+02 -1.2550e+02 -5.2287e+01

860 1727 0.0000e+00 0.0000e+00 0.0000e+00 3.2823e+02 -3.5099e+01 -5.8345e+01  
1728 0.0000e+00 0.0000e+00 0.0000e+00 3.2890e+02 -4.5505e+01 -5.4579e+01  
141 0.0000e+00 0.0000e+00 0.0000e+00 3.7729e+02 -1.2612e+02 -5.4750e+01  
130 0.0000e+00 0.0000e+00 0.0000e+00 2.8761e+02 -1.3619e+02 -5.8515e+01

861 1726 0.0000e+00 0.0000e+00 0.0000e+00 2.9106e+02 -2.5812e+01 -5.4898e+01  
1727 0.0000e+00 0.0000e+00 0.0000e+00 2.9631e+02 -5.6159e+01 -5.3830e+01  
130 0.0000e+00 0.0000e+00 0.0000e+00 4.1872e+02 -1.2896e+02 -6.2652e+01  
119 0.0000e+00 0.0000e+00 0.0000e+00 1.7085e+02 -1.4222e+02 -6.3720e+01

862 1725 0.0000e+00 0.0000e+00 0.0000e+00 2.1570e+02 -1.4621e+01 -4.4134e+01  
1726 0.0000e+00 0.0000e+00 0.0000e+00 2.3023e+02 -6.5921e+01 -4.8288e+01  
119 0.0000e+00 0.0000e+00 0.0000e+00 4.2628e+02 -1.2559e+02 -6.7201e+01  
99 0.0000e+00 0.0000e+00 0.0000e+00 1.1083e+01 -1.4024e+02 -6.3047e+01

863 89 0.0000e+00 0.0000e+00 0.0000e+00 6.7590e+01 3.5810e+01 -4.0548e+01  
1725 0.0000e+00 0.0000e+00 0.0000e+00 1.1860e+02 -7.7848e+01 -3.0343e+01  
99 0.0000e+00 0.0000e+00 0.0000e+00 3.8977e+02 -1.1081e+02 -6.0169e+01  
1 0.0000e+00 0.0000e+00 0.0000e+00 -1.8252e+02 -1.6667e+02 -7.0374e+01

864 773 0.0000e+00 0.0000e+00 0.0000e+00 2.6979e+02 -1.2628e+02 2.1889e+01  
22 0.0000e+00 0.0000e+00 0.0000e+00 -4.2657e+02 -2.5994e+02 -4.1581e+01  
96 0.0000e+00 0.0000e+00 0.0000e+00 -1.8853e+02 7.2742e+01 -2.0510e+01  
1724 0.0000e+00 0.0000e+00 0.0000e+00 -9.9262e+01 -1.0175e+02 4.2960e+01

865 763 0.0000e+00 0.0000e+00 0.0000e+00 3.3505e+02 -1.1677e+02 3.6601e+01  
773 0.0000e+00 0.0000e+00 0.0000e+00 -2.0325e+02 -1.6105e+02 2.2833e+01  
1724 0.0000e+00 0.0000e+00 0.0000e+00 3.2317e+01 -1.0938e+01 3.4531e+01  
1723 0.0000e+00 0.0000e+00 0.0000e+00 7.1063e+01 -7.7888e+01 4.8299e+01

866 753 0.0000e+00 0.0000e+00 0.0000e+00 3.7935e+02 -1.0886e+02 4.2933e+01  
763 0.0000e+00 0.0000e+00 0.0000e+00 -2.8898e+01 -1.3951e+02 3.7241e+01  
1723 0.0000e+00 0.0000e+00 0.0000e+00 1.5833e+02 -1.3078e+01 4.8179e+01  
1722 0.0000e+00 0.0000e+00 0.0000e+00 1.8038e+02 -6.4927e+01 5.3871e+01

867 743 0.0000e+00 0.0000e+00 0.0000e+00 4.0052e+02 -1.0871e+02 4.5304e+01  
753 0.0000e+00 0.0000e+00 0.0000e+00 1.1056e+02 -1.2591e+02 4.2056e+01  
1722 0.0000e+00 0.0000e+00 0.0000e+00 2.4499e+02 -1.9000e+01 5.2083e+01  
1721 0.0000e+00 0.0000e+00 0.0000e+00 2.5939e+02 -5.5629e+01 5.5331e+01

868 733 0.0000e+00 0.0000e+00 0.0000e+00 3.9619e+02 -1.1509e+02 4.7821e+01  
743 0.0000e+00 0.0000e+00 0.0000e+00 2.2234e+02 -1.2085e+02 4.4615e+01  
1721 0.0000e+00 0.0000e+00 0.0000e+00 3.0165e+02 -2.6236e+01 5.3115e+01  
1720 0.0000e+00 0.0000e+00 0.0000e+00 3.1026e+02 -4.8474e+01 5.6321e+01

869 723 0.0000e+00 0.0000e+00 0.0000e+00 3.6074e+02 -1.2548e+02 5.2354e+01  
733 0.0000e+00 0.0000e+00 0.0000e+00 3.1087e+02 -1.2199e+02 4.8432e+01  
1720 0.0000e+00 0.0000e+00 0.0000e+00 3.2990e+02 -3.5197e+01 5.3812e+01  
1719 0.0000e+00 0.0000e+00 0.0000e+00 3.3362e+02 -4.2130e+01 5.7733e+01

870 713 0.0000e+00 0.0000e+00 0.0000e+00 2.8752e+02 -1.3617e+02 5.8583e+01  
723 0.0000e+00 0.0000e+00 0.0000e+00 3.7721e+02 -1.2610e+02 5.4816e+01  
1719 0.0000e+00 0.0000e+00 0.0000e+00 3.2881e+02 -4.5500e+01 5.4643e+01

	1718	0.0000e+00	0.0000e+00	0.0000e+00	3.2814e+02	-3.5092e+01	5.8409e+01
871	703	0.0000e+00	0.0000e+00	0.0000e+00	1.7079e+02	-1.4218e+02	6.3789e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	4.1862e+02	-1.2894e+02	6.2720e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	2.9622e+02	-5.6149e+01	5.3896e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	2.9098e+02	-2.5805e+01	5.4965e+01
872	693	0.0000e+00	0.0000e+00	0.0000e+00	1.1066e+01	-1.4020e+02	6.3123e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	4.2616e+02	-1.2556e+02	6.7269e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	2.3017e+02	-6.5907e+01	4.8358e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	2.1562e+02	-1.4619e+01	4.4212e+01
873	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.8248e+02	-1.6669e+02	7.0509e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	3.8964e+02	-1.1076e+02	6.0230e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	1.1855e+02	-7.7854e+01	3.0437e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	6.7395e+01	3.5806e+01	4.0717e+01
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	2.0754e+02	-9.6072e+01	-1.0355e+02
	33	0.0000e+00	0.0000e+00	0.0000e+00	-1.5272e+02	-1.0955e+02	-1.0329e+02
	97	0.0000e+00	0.0000e+00	0.0000e+00	1.1140e+01	2.3698e+01	-6.9900e+01
	1715	0.0000e+00	0.0000e+00	0.0000e+00	4.4228e+01	-5.4218e+01	-7.0165e+01
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	2.1526e+02	-1.2482e+02	-1.0949e+02
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-1.8123e+01	-1.1811e+02	-1.0423e+02
	1715	0.0000e+00	0.0000e+00	0.0000e+00	1.0084e+02	-2.1292e+01	-8.5021e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	1.0720e+02	-5.1655e+01	-9.0287e+01
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	1.7117e+02	-1.4147e+02	-1.0352e+02
	1496	0.0000e+00	0.0000e+00	0.0000e+00	9.8401e+01	-1.3487e+02	-1.0559e+02
	1714	0.0000e+00	0.0000e+00	0.0000e+00	1.3368e+02	-3.6964e+01	-9.7279e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	1.3159e+02	-4.6408e+01	-9.5203e+01
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	8.1887e+01	-1.5288e+02	-9.1069e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	1.8150e+02	-1.4182e+02	-9.8376e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	1.2857e+02	-5.1049e+01	-9.9147e+01
	1712	0.0000e+00	0.0000e+00	0.0000e+00	1.1968e+02	-3.8494e+01	-9.1841e+01
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	-4.8024e+01	-1.6499e+02	-7.4532e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	2.2530e+02	-1.4409e+02	-8.6221e+01
	1712	0.0000e+00	0.0000e+00	0.0000e+00	8.5273e+01	-6.4356e+01	-9.3466e+01
	1711	0.0000e+00	0.0000e+00	0.0000e+00	6.7778e+01	-2.9475e+01	-8.1776e+01
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	-2.1963e+02	-1.7992e+02	-5.0667e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	2.2952e+02	-1.4738e+02	-6.9220e+01
	1711	0.0000e+00	0.0000e+00	0.0000e+00	2.2665e+00	-7.8818e+01	-8.0747e+01
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-3.0825e+01	-2.4029e+01	-6.2195e+01
880	22	0.0000e+00	0.0000e+00	0.0000e+00	-4.4430e+02	-2.6743e+02	1.0644e+01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	2.0230e+02	-1.4914e+02	-4.4808e+01
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-1.5128e+02	-9.9025e+01	-7.2725e+01
	96	0.0000e+00	0.0000e+00	0.0000e+00	-2.0563e+02	7.3157e+01	-1.7274e+01
881	1709	0.0000e+00	0.0000e+00	0.0000e+00	4.3952e+01	-5.4159e+01	7.0216e+01
	91	0.0000e+00	0.0000e+00	0.0000e+00	1.1093e+01	2.3707e+01	6.9854e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	-1.5295e+02	-1.0937e+02	1.0330e+02
	1133	0.0000e+00	0.0000e+00	0.0000e+00	2.0725e+02	-9.6058e+01	1.0366e+02
882	1708	0.0000e+00	0.0000e+00	0.0000e+00	1.0691e+02	-5.1649e+01	9.0348e+01
	1709	0.0000e+00	0.0000e+00	0.0000e+00	1.0057e+02	-2.1280e+01	8.5090e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	-1.8408e+01	-1.1809e+02	1.0430e+02
	1122	0.0000e+00	0.0000e+00	0.0000e+00	2.1499e+02	-1.2481e+02	1.0956e+02
883	1707	0.0000e+00	0.0000e+00	0.0000e+00	1.3131e+02	-4.6410e+01	9.5250e+01
	1708	0.0000e+00	0.0000e+00	0.0000e+00	1.3339e+02	-3.6955e+01	9.7339e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	9.8093e+01	-1.3487e+02	1.0566e+02
	1111	0.0000e+00	0.0000e+00	0.0000e+00	1.7094e+02	-1.4147e+02	1.0357e+02
884	1706	0.0000e+00	0.0000e+00	0.0000e+00	1.1943e+02	-3.8501e+01	9.1876e+01
	1707	0.0000e+00	0.0000e+00	0.0000e+00	1.2831e+02	-5.1038e+01	9.9192e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	1.8120e+02	-1.4182e+02	9.8427e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	8.1709e+01	-1.5288e+02	9.1111e+01
885	1705	0.0000e+00	0.0000e+00	0.0000e+00	6.7570e+01	-2.9484e+01	8.1804e+01
	1706	0.0000e+00	0.0000e+00	0.0000e+00	8.5052e+01	-6.4343e+01	9.3499e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	2.2501e+02	-1.4409e+02	8.6263e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-4.8149e+01	-1.6499e+02	7.4567e+01
886	1704	0.0000e+00	0.0000e+00	0.0000e+00	-3.0986e+01	-2.4036e+01	6.2220e+01
	1705	0.0000e+00	0.0000e+00	0.0000e+00	2.0893e+00	-7.8804e+01	8.0775e+01

	1089	0.0000e+00	0.0000e+00	0.0000e+00	2.2926e+02	-1.4738e+02	6.9253e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-2.1970e+02	-1.7991e+02	5.0698e+01
887	90	0.0000e+00	0.0000e+00	0.0000e+00	-2.0572e+02	7.3137e+01	1.7319e+01
	1704	0.0000e+00	0.0000e+00	0.0000e+00	-1.5140e+02	-9.8999e+01	7.2754e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	2.0208e+02	-1.4914e+02	4.4828e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	-4.4432e+02	-2.6738e+02	-1.0606e+01
888	33	0.0000e+00	0.0000e+00	0.0000e+00	-1.0135e+02	-1.0014e+02	-7.1357e+01
	88	0.0000e+00	0.0000e+00	0.0000e+00	2.3174e+01	-3.6541e+00	-5.9750e+01
	94	0.0000e+00	0.0000e+00	0.0000e+00	-4.7935e+01	-5.0161e+01	-4.5542e+01
	97	0.0000e+00	0.0000e+00	0.0000e+00	-7.0230e+00	1.7905e+01	-5.7148e+01
889	77	0.0000e+00	0.0000e+00	0.0000e+00	2.8000e+01	-1.1338e+02	4.2539e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-2.0018e+01	-1.5477e+02	2.7081e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	1.2272e+01	3.2870e+00	2.9512e+01
	98	0.0000e+00	0.0000e+00	0.0000e+00	-3.5207e+01	-4.2957e+01	4.4970e+01
890	91	0.0000e+00	0.0000e+00	0.0000e+00	-6.9654e+00	1.7825e+01	5.7111e+01
	93	0.0000e+00	0.0000e+00	0.0000e+00	-4.7806e+01	-5.0050e+01	4.5546e+01
	78	0.0000e+00	0.0000e+00	0.0000e+00	2.3088e+01	-3.5298e+00	5.9769e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	-1.0099e+02	-9.9850e+01	7.1333e+01
891	92	0.0000e+00	0.0000e+00	0.0000e+00	-3.5051e+01	-4.2911e+01	-4.5038e+01
	89	0.0000e+00	0.0000e+00	0.0000e+00	1.2532e+01	3.1575e+00	-2.9396e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9642e+01	-1.5468e+02	-2.6761e+01
	67	0.0000e+00	0.0000e+00	0.0000e+00	2.8407e+01	-1.1389e+02	-4.2403e+01
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	1.4215e+02	-1.4538e+02	-8.1584e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-5.8047e+01	1.0914e+02	1.3922e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-1.6156e+02	-3.9522e+02	4.3620e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	2.9015e+02	-1.9966e+02	2.1540e+01
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	1.3469e+02	-3.7656e+01	-3.3908e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-4.9627e+01	1.3474e+02	1.2756e+01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-7.4415e+01	-2.2798e+02	3.0875e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	1.9201e+02	-9.1561e+01	1.4728e+01
894	1694	0.0000e+00	0.0000e+00	0.0000e+00	1.2768e+02	2.8415e+01	-6.6633e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-5.7165e+01	1.3985e+02	1.0821e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	-6.5434e+01	-9.2257e+01	2.4058e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	1.7118e+02	-7.1020e+00	6.5737e+00
895	1693	0.0000e+00	0.0000e+00	0.0000e+00	1.2166e+02	6.4521e+01	-1.7317e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-7.0897e+01	1.1790e+02	1.1539e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	-6.9316e+01	1.2258e+01	2.0367e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	1.4681e+02	4.8111e+01	7.0962e+00
896	1692	0.0000e+00	0.0000e+00	0.0000e+00	1.1856e+02	6.7466e+01	6.5133e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-8.5946e+01	6.6970e+01	1.3778e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-7.6834e+01	8.6444e+01	2.1102e+01
	1693	0.0000e+00	0.0000e+00	0.0000e+00	1.2409e+02	7.1408e+01	1.3837e+01
897	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.1422e+02	3.7363e+01	1.0954e+01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.0721e+02	-1.5091e+01	1.6192e+01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-8.6034e+01	1.3239e+02	2.5246e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	1.0360e+02	6.1961e+01	2.0008e+01
898	1690	0.0000e+00	0.0000e+00	0.0000e+00	9.3881e+01	-2.9047e+01	4.2394e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.5035e+02	-1.3172e+02	1.8860e+01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.0515e+02	1.5370e+02	3.2533e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	7.8136e+01	2.3885e+01	1.7912e+01
899	1647	0.0000e+00	0.0000e+00	0.0000e+00	1.9665e+02	-1.5564e+02	-2.5388e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	-3.8107e+02	-3.0215e+02	6.0911e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.5348e+02	1.7366e+02	5.5302e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	3.2478e+01	-7.0547e+01	2.3823e+01
900	1689	0.0000e+00	0.0000e+00	0.0000e+00	4.0657e+02	-1.3898e+02	7.5998e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	2.5801e+02	-1.3921e+02	2.6358e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	2.8246e+02	-1.6990e+02	2.5104e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	4.1991e+02	-1.6764e+02	6.3461e+00
901	1688	0.0000e+00	0.0000e+00	0.0000e+00	3.6101e+02	-4.3634e+01	-1.0890e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	2.3742e+02	-4.4869e+01	1.6120e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	2.6497e+02	-6.4815e+01	3.6625e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	3.8787e+02	-1.0676e+02	9.6147e+00
902	1687	0.0000e+00	0.0000e+00	0.0000e+00	3.2385e+02	3.3275e+01	-1.8269e+01



	1694	0.0000e+00	0.0000e+00	0.0000e+00	2.1477e+02	3.0110e+01	4.9208e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	2.3317e+02	1.2930e+01	1.9069e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	3.5217e+02	-1.8323e+01	-4.1203e+00
903	1686	0.0000e+00	0.0000e+00	0.0000e+00	3.0220e+02	7.5010e+01	-1.1559e+01
	1693	0.0000e+00	0.0000e+00	0.0000e+00	1.9653e+02	7.3615e+01	3.0468e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	2.0956e+02	6.4456e+01	9.3352e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	3.1860e+02	5.0576e+01	-5.2709e+00
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	2.9730e+02	7.2859e+01	-1.6467e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	1.8635e+02	8.2041e+01	2.5894e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	1.9339e+02	8.3028e+01	8.3446e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	2.9880e+02	8.0784e+01	4.1085e+00
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.0725e+02	2.8903e+01	-1.5454e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.8162e+02	5.6722e+01	-5.5920e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	1.8526e+02	6.6144e+01	7.9921e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	2.9546e+02	6.6995e+01	1.2039e+01
906	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.2377e+02	-4.5011e+01	-1.5508e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	1.8606e+02	8.0358e-01	-2.5947e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.8012e+02	1.4154e+01	-2.8500e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.0868e+02	1.4113e+01	7.5894e+00
907	1639	0.0000e+00	0.0000e+00	0.0000e+00	3.5184e+02	-1.0652e+02	-2.7740e+00
	1647	0.0000e+00	0.0000e+00	0.0000e+00	1.9103e+02	-1.1306e+02	-1.7523e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	1.7168e+02	-7.6266e+01	-2.1220e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.4148e+02	-7.5463e+01	-6.4718e+00
908	1682	0.0000e+00	0.0000e+00	0.0000e+00	4.6525e+02	-1.5627e+02	-2.7227e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	4.3750e+02	-1.3514e+02	-8.0097e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	4.5415e+02	-1.6282e+02	1.5044e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	4.8732e+02	-1.8746e+02	-4.1734e+00
909	1681	0.0000e+00	0.0000e+00	0.0000e+00	4.1110e+02	-5.4365e+01	-5.8558e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	3.9357e+02	-4.5948e+01	-1.7564e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	4.2762e+02	-1.0376e+02	-3.1363e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	4.5964e+02	-1.2399e+02	-4.4130e+01
910	1680	0.0000e+00	0.0000e+00	0.0000e+00	3.6288e+02	4.5239e+01	-5.3964e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	3.5091e+02	3.6122e+01	-1.8557e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	3.7889e+02	-1.2489e+01	-2.0789e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	4.0623e+02	-1.7176e+01	-5.6196e+01
911	1679	0.0000e+00	0.0000e+00	0.0000e+00	3.3870e+02	9.9308e+01	-2.4706e+01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	3.2442e+02	8.2878e+01	-6.4558e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	3.4037e+02	5.8553e+01	-2.0651e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	3.5952e+02	7.0305e+01	-3.8901e+01
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	3.4234e+02	9.3846e+01	9.3471e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	3.1986e+02	8.2591e+01	7.3834e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	3.2146e+02	8.7626e+01	-7.3058e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	3.3678e+02	1.0553e+02	-5.3420e+00
913	1677	0.0000e+00	0.0000e+00	0.0000e+00	3.7086e+02	3.4296e+01	2.9996e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.3608e+02	3.7531e+01	9.9291e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	3.2440e+02	6.9167e+01	5.6899e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	3.4211e+02	8.0817e+01	2.5757e+01
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	4.1066e+02	-5.1251e+01	2.7950e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.6899e+02	-3.7934e+01	-2.4276e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.4498e+02	1.1017e+01	6.3663e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	3.7347e+02	6.8752e+00	3.6744e+01
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	4.3456e+02	-1.0687e+02	8.4525e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	3.8937e+02	-9.5854e+01	-7.9947e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.7421e+02	-6.7982e+01	3.2024e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	4.1659e+02	-7.9194e+01	1.9650e+01
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	3.9879e+02	-2.1411e+02	-7.1891e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	4.7330e+02	-1.7383e+02	-4.5457e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	4.9008e+02	-2.0426e+02	6.7000e+00
	1319	0.0000e+00	0.0000e+00	0.0000e+00	4.3527e+02	-2.6753e+02	-1.9734e+01
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	3.3226e+02	-5.6907e+01	-1.2061e+02
	1681	0.0000e+00	0.0000e+00	0.0000e+00	4.1234e+02	-6.2408e+01	-6.7204e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	4.5084e+02	-1.3146e+02	-5.3766e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	4.0135e+02	-1.6364e+02	-1.0717e+02

918	1673	0.0000e+00	0.0000e+00	0.0000e+00	2.8206e+02	8.1578e+01	-9.5049e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	3.5413e+02	4.8709e+01	-5.2764e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	3.8912e+02	-1.4964e+01	-7.5440e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	3.3228e+02	-2.8145e+00	-1.1773e+02
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.6184e+02	1.5117e+02	-3.4601e+01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	3.2370e+02	1.0924e+02	-1.6472e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	3.4103e+02	7.8135e+01	-5.6443e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	2.8104e+02	1.1556e+02	-7.4573e+01
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.7141e+02	1.4089e+02	3.0188e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	3.2599e+02	1.0411e+02	2.3056e+01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	3.2183e+02	1.1396e+02	-1.7342e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.6120e+02	1.5739e+02	-1.0210e+01
921	1670	0.0000e+00	0.0000e+00	0.0000e+00	3.1045e+02	5.6095e+01	7.7092e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	3.5782e+02	4.0128e+01	4.6333e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	3.3479e+02	8.4361e+01	2.0559e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.7151e+02	1.1956e+02	5.1318e+01
922	1669	0.0000e+00	0.0000e+00	0.0000e+00	3.6691e+02	-7.1870e+01	8.0456e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	4.0607e+02	-5.3207e+01	3.7390e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	3.7565e+02	2.1353e+00	4.0684e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	3.1056e+02	1.4260e+01	8.3750e+01
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	3.9534e+02	-1.5733e+02	2.2532e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	4.3853e+02	-1.1566e+02	3.8381e-01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	4.2363e+02	-8.9308e+01	3.3532e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	3.6562e+02	-1.1346e+02	5.5681e+01
924	1668	0.0000e+00	0.0000e+00	0.0000e+00	1.9310e+02	-3.2063e+02	-1.4039e+02
	1675	0.0000e+00	0.0000e+00	0.0000e+00	3.9105e+02	-2.5589e+02	-9.7282e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	4.1367e+02	-3.1030e+02	-3.3683e+00
	1308	0.0000e+00	0.0000e+00	0.0000e+00	2.5734e+02	-4.3200e+02	-4.6474e+01
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	1.2497e+02	-3.6566e+01	-1.9296e+02
	1674	0.0000e+00	0.0000e+00	0.0000e+00	3.0108e+02	-6.7200e+01	-1.2556e+02
	1675	0.0000e+00	0.0000e+00	0.0000e+00	3.4714e+02	-1.8223e+02	-1.2282e+02
	1668	0.0000e+00	0.0000e+00	0.0000e+00	2.1469e+02	-2.1830e+02	-1.9022e+02
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	1.0223e+02	1.4816e+02	-1.2473e+02
	1673	0.0000e+00	0.0000e+00	0.0000e+00	2.3671e+02	9.2834e+01	-8.9900e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	2.7325e+02	-4.3698e+00	-1.4037e+02
	1667	0.0000e+00	0.0000e+00	0.0000e+00	1.3587e+02	4.0516e+01	-1.7521e+02
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	1.0108e+02	2.2969e+02	-3.5686e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.1312e+02	1.6729e+02	-2.5458e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	2.2728e+02	1.2444e+02	-9.0090e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	1.0752e+02	1.9037e+02	-1.0032e+02
928	1664	0.0000e+00	0.0000e+00	0.0000e+00	1.0988e+02	2.1564e+02	5.1646e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.2075e+02	1.5307e+02	4.4064e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.1319e+02	1.7096e+02	-1.9927e+01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	1.0217e+02	2.3544e+02	-1.2345e+01
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	1.3693e+02	1.0415e+02	1.2597e+02
	1670	0.0000e+00	0.0000e+00	0.0000e+00	2.5786e+02	5.9109e+01	9.6872e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.2914e+02	1.3013e+02	4.5858e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	1.0701e+02	1.8637e+02	7.4960e+01
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	2.0440e+02	-1.0398e+02	1.5055e+02
	1669	0.0000e+00	0.0000e+00	0.0000e+00	3.1939e+02	-8.3221e+01	9.4232e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	2.8118e+02	8.2850e+00	8.7232e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	1.2914e+02	4.2946e+01	1.4355e+02
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	2.3973e+02	-2.7908e+02	4.4548e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	3.7485e+02	-1.8862e+02	8.9695e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	3.5570e+02	-1.4414e+02	7.6666e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	1.8720e+02	-1.8807e+02	1.1224e+02
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	-2.4413e+02	-4.8402e+02	-2.4014e+02
	1668	0.0000e+00	0.0000e+00	0.0000e+00	1.7510e+02	-3.9346e+02	-1.7243e+02
	1308	0.0000e+00	0.0000e+00	0.0000e+00	2.0651e+02	-5.1649e+02	-2.1656e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-1.3911e+02	-7.2525e+02	-8.9375e+01
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	-1.9076e+02	1.6934e+01	-2.1030e+02
	1667	0.0000e+00	0.0000e+00	0.0000e+00	5.0752e+01	-2.4124e+01	-1.7606e+02
	1668	0.0000e+00	0.0000e+00	0.0000e+00	8.2896e+01	-2.5037e+02	-2.2827e+02

1661 0.0000e+00 0.0000e+00 0.0000e+00 -1.5391e+02 -1.8777e+02 -2.6251e+02

934 1659 0.0000e+00 0.0000e+00 0.0000e+00 -1.1826e+02 2.3456e+02 -1.0042e+02  
1666 0.0000e+00 0.0000e+00 0.0000e+00 2.5234e+01 1.7598e+02 -1.1143e+02  
1667 0.0000e+00 0.0000e+00 0.0000e+00 4.3740e+01 3.3595e+01 -1.8824e+02  
1660 0.0000e+00 0.0000e+00 0.0000e+00 -1.5896e+02 1.2752e+02 -1.7723e+02

935 1658 0.0000e+00 0.0000e+00 0.0000e+00 -8.0227e+01 3.1238e+02 -2.0807e+01  
1665 0.0000e+00 0.0000e+00 0.0000e+00 3.3508e+01 2.5198e+02 -3.0907e+01  
1666 0.0000e+00 0.0000e+00 0.0000e+00 3.4003e+01 1.9846e+02 -9.9662e+01  
1659 0.0000e+00 0.0000e+00 0.0000e+00 -1.0107e+02 2.7455e+02 -8.9562e+01

936 1657 0.0000e+00 0.0000e+00 0.0000e+00 -8.3058e+01 2.9740e+02 5.2577e+01  
1664 0.0000e+00 0.0000e+00 0.0000e+00 4.0585e+01 2.2757e+02 5.3505e+01  
1665 0.0000e+00 0.0000e+00 0.0000e+00 3.6374e+01 2.5389e+02 -1.3197e+01  
1658 0.0000e+00 0.0000e+00 0.0000e+00 -7.6976e+01 3.1649e+02 -1.4125e+01

937 1656 0.0000e+00 0.0000e+00 0.0000e+00 -1.2063e+02 1.8648e+02 1.3342e+02  
1663 0.0000e+00 0.0000e+00 0.0000e+00 5.5102e+01 1.0238e+02 1.3787e+02  
1664 0.0000e+00 0.0000e+00 0.0000e+00 3.6830e+01 2.1052e+02 6.6533e+01  
1657 0.0000e+00 0.0000e+00 0.0000e+00 -9.3411e+01 2.6803e+02 6.2091e+01

938 1655 0.0000e+00 0.0000e+00 0.0000e+00 -1.1250e+02 -6.7632e+01 2.1211e+02  
1662 0.0000e+00 0.0000e+00 0.0000e+00 9.0617e+01 -1.2725e+02 1.8219e+02  
1663 0.0000e+00 0.0000e+00 0.0000e+00 6.2497e+01 5.5616e+01 1.3127e+02  
1656 0.0000e+00 0.0000e+00 0.0000e+00 -1.4465e+02 9.7095e+01 1.6118e+02

939 1607 0.0000e+00 0.0000e+00 0.0000e+00 -1.0068e+02 -5.1147e+02 7.8427e+01  
1615 0.0000e+00 0.0000e+00 0.0000e+00 1.9332e+02 -3.4602e+02 2.2860e+01  
1662 0.0000e+00 0.0000e+00 0.0000e+00 1.6720e+02 -2.4516e+02 1.3955e+02  
1655 0.0000e+00 0.0000e+00 0.0000e+00 -1.8651e+02 -3.1137e+02 1.9512e+02

940 945 0.0000e+00 0.0000e+00 0.0000e+00 -8.4078e+02 -9.1568e+00 -1.6368e+01  
1661 0.0000e+00 0.0000e+00 0.0000e+00 -5.1216e+02 -4.9760e+02 -1.4102e+02  
1297 0.0000e+00 0.0000e+00 0.0000e+00 4.6386e+00 -9.2740e+02 -1.0115e+02  
18 0.0000e+00 0.0000e+00 0.0000e+00 -1.6087e+03 -1.4950e+03 2.3500e+01

941 944 0.0000e+00 0.0000e+00 0.0000e+00 -4.5131e+02 1.3023e+02 -3.3385e+00  
1660 0.0000e+00 0.0000e+00 0.0000e+00 -3.3259e+02 1.0563e+02 -1.6208e+02  
1661 0.0000e+00 0.0000e+00 0.0000e+00 -4.5709e+02 -2.7223e+02 -2.1741e+02  
945 0.0000e+00 0.0000e+00 0.0000e+00 -6.4663e+02 -1.8698e+02 -5.8673e+01

942 943 0.0000e+00 0.0000e+00 0.0000e+00 -2.6137e+02 2.9619e+02 2.4838e+00  
1659 0.0000e+00 0.0000e+00 0.0000e+00 -1.9558e+02 2.7230e+02 -8.4500e+01  
1660 0.0000e+00 0.0000e+00 0.0000e+00 -2.6104e+02 1.1057e+02 -1.2287e+02  
944 0.0000e+00 0.0000e+00 0.0000e+00 -3.7117e+02 1.6286e+02 -3.5885e+01

943 942 0.0000e+00 0.0000e+00 0.0000e+00 -1.8644e+02 3.5363e+02 6.5180e+00  
1658 0.0000e+00 0.0000e+00 0.0000e+00 -1.3410e+02 3.3077e+02 -2.6667e+01  
1659 0.0000e+00 0.0000e+00 0.0000e+00 -1.6147e+02 2.7731e+02 -5.4558e+01  
943 0.0000e+00 0.0000e+00 0.0000e+00 -2.2594e+02 3.0981e+02 -2.1372e+01

944 941 0.0000e+00 0.0000e+00 0.0000e+00 -1.9827e+02 3.3244e+02 1.3205e+01  
1657 0.0000e+00 0.0000e+00 0.0000e+00 -1.3931e+02 3.0327e+02 2.6841e+01  
1658 0.0000e+00 0.0000e+00 0.0000e+00 -1.2892e+02 3.3132e+02 1.0689e-01  
942 0.0000e+00 0.0000e+00 0.0000e+00 -1.8119e+02 3.5522e+02 -1.3530e+01

945 940 0.0000e+00 0.0000e+00 0.0000e+00 -3.0385e+02 2.2018e+02 2.5466e+01  
1656 0.0000e+00 0.0000e+00 0.0000e+00 -2.0898e+02 1.7492e+02 8.9519e+01  
1657 0.0000e+00 0.0000e+00 0.0000e+00 -1.6194e+02 2.9964e+02 5.5085e+01  
941 0.0000e+00 0.0000e+00 0.0000e+00 -2.2183e+02 3.2275e+02 -8.9680e+00

946 939 0.0000e+00 0.0000e+00 0.0000e+00 -5.2512e+02 -6.2654e+01 4.4804e+01  
1655 0.0000e+00 0.0000e+00 0.0000e+00 -3.6652e+02 -1.3545e+02 1.7340e+02  
1656 0.0000e+00 0.0000e+00 0.0000e+00 -2.6546e+02 1.7160e+02 1.2517e+02  
940 0.0000e+00 0.0000e+00 0.0000e+00 -3.6707e+02 1.9455e+02 -3.4258e+00

947 17 0.0000e+00 0.0000e+00 0.0000e+00 -1.3297e+03 -1.1337e+03 -1.9566e+01  
1607 0.0000e+00 0.0000e+00 0.0000e+00 1.4763e+01 -6.7696e+02 8.8246e+01  
1655 0.0000e+00 0.0000e+00 0.0000e+00 -4.1315e+02 -3.1933e+02 1.1406e+02  
939 0.0000e+00 0.0000e+00 0.0000e+00 -6.8455e+02 8.6136e+01 6.2466e+00

948 1646 0.0000e+00 0.0000e+00 0.0000e+00 3.2477e+01 -7.0534e+01 -2.3843e+01  
1654 0.0000e+00 0.0000e+00 0.0000e+00 -1.5348e+02 1.7366e+02 -5.5323e+01  
28 0.0000e+00 0.0000e+00 0.0000e+00 -3.8107e+02 -3.0212e+02 -6.1059e+00  
1647 0.0000e+00 0.0000e+00 0.0000e+00 1.9664e+02 -1.5564e+02 2.5374e+01

949 1645 0.0000e+00 0.0000e+00 0.0000e+00 7.8136e+01 2.3892e+01 -1.7933e+01  
1653 0.0000e+00 0.0000e+00 0.0000e+00 -1.0515e+02 1.5370e+02 -3.2553e+01

	1654	0.0000e+00	0.0000e+00	0.0000e+00	-1.5035e+02	-1.3170e+02	-1.8880e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	9.3877e+01	-2.9038e+01	-4.2609e+00
950	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.0359e+02	6.1961e+01	-2.0029e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	-8.6046e+01	1.3237e+02	-2.5265e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	-1.0721e+02	-1.5072e+01	-1.6212e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.1421e+02	3.7367e+01	-1.0976e+01
951	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.2408e+02	7.1400e+01	-1.3856e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	-7.6852e+01	8.6415e+01	-2.1119e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	-8.5957e+01	6.6986e+01	-1.3797e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.1856e+02	6.7464e+01	-6.5334e+00
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	1.4681e+02	4.8091e+01	-7.1114e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-6.9343e+01	1.2210e+01	-2.0381e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	-7.0915e+01	1.1791e+02	-1.1555e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.2165e+02	6.4509e+01	1.7143e+00
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.7117e+02	-7.1368e+00	-6.5840e+00
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-6.5471e+01	-9.2330e+01	-2.4067e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-5.7191e+01	1.3986e+02	-1.0833e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	1.2767e+02	2.8390e+01	6.6499e+00
954	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.9200e+02	-9.1616e+01	-1.4731e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-7.4465e+01	-2.2809e+02	-3.0876e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-4.9663e+01	1.3474e+02	-1.2761e+01
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.3467e+02	-3.7697e+01	3.3833e+00
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.9016e+02	-1.9974e+02	-2.1528e+01
	27	0.0000e+00	0.0000e+00	0.0000e+00	-1.6165e+02	-3.9537e+02	-4.3610e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-5.8096e+01	1.0914e+02	-1.3917e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.4212e+02	-1.4544e+02	8.1644e+00
956	1638	0.0000e+00	0.0000e+00	0.0000e+00	3.4148e+02	-7.5457e+01	6.4493e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	1.7167e+02	-7.6255e+01	2.1200e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	1.9103e+02	-1.1306e+02	1.7504e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	3.5184e+02	-1.0652e+02	2.7535e+00
957	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.0868e+02	1.4120e+01	-7.6129e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.8012e+02	1.4163e+01	2.8255e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	1.8606e+02	8.1023e-01	2.5924e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	3.2377e+02	-4.5005e+01	1.5486e+01
958	1636	0.0000e+00	0.0000e+00	0.0000e+00	2.9547e+02	6.6996e+01	-1.2062e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.8526e+02	6.6147e+01	-8.0164e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.8162e+02	5.6725e+01	5.5678e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.0725e+02	2.8908e+01	1.5221e+00
959	1635	0.0000e+00	0.0000e+00	0.0000e+00	2.9881e+02	8.0778e+01	-4.1306e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.9338e+02	8.3024e+01	-8.3675e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.8635e+02	8.2038e+01	-2.6128e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	2.9731e+02	7.2859e+01	1.6241e+00
960	1634	0.0000e+00	0.0000e+00	0.0000e+00	3.1860e+02	5.0559e+01	5.2507e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	2.0956e+02	6.4441e+01	-9.3562e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.9653e+02	7.3602e+01	-3.0685e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	3.0220e+02	7.5001e+01	1.1538e+01
961	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.5218e+02	-1.8354e+01	4.1034e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	2.3317e+02	1.2902e+01	-1.9087e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	2.1477e+02	3.0084e+01	-4.9401e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	3.2386e+02	3.3254e+01	1.8250e+01
962	1632	0.0000e+00	0.0000e+00	0.0000e+00	3.8789e+02	-1.0680e+02	-9.6242e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.6497e+02	-6.4860e+01	-3.6636e+01
	1641	0.0000e+00	0.0000e+00	0.0000e+00	2.3741e+02	-4.4913e+01	-1.6136e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.6102e+02	-4.3668e+01	1.0876e+01
963	1276	0.0000e+00	0.0000e+00	0.0000e+00	4.1993e+02	-1.6769e+02	-6.3373e+00
	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.8246e+02	-1.6996e+02	-2.5096e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.5800e+02	-1.3928e+02	-2.6363e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	4.0659e+02	-1.3903e+02	-7.6045e+00
964	1630	0.0000e+00	0.0000e+00	0.0000e+00	4.1659e+02	-7.9189e+01	-1.9671e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	3.7421e+02	-6.7976e+01	-3.2235e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	3.8937e+02	-9.5853e+01	7.9739e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	4.3456e+02	-1.0687e+02	-8.4737e+00
965	1629	0.0000e+00	0.0000e+00	0.0000e+00	3.7347e+02	6.8817e+00	-3.6765e+01

	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.4498e+02	1.1023e+01	-6.3886e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	3.6899e+02	-3.7928e+01	2.4054e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	4.1066e+02	-5.1245e+01	-2.7971e+01
966	1628	0.0000e+00	0.0000e+00	0.0000e+00	3.4212e+02	8.0820e+01	-2.5776e+01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.2440e+02	6.9169e+01	-5.7121e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.3608e+02	3.7536e+01	-9.9517e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	3.7087e+02	3.4302e+01	-3.0016e+01
967	1627	0.0000e+00	0.0000e+00	0.0000e+00	3.3679e+02	1.0553e+02	5.3243e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	3.2147e+02	8.7620e+01	7.2846e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.1986e+02	8.2591e+01	-7.4052e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	3.4235e+02	9.3847e+01	-9.3656e+00
968	1626	0.0000e+00	0.0000e+00	0.0000e+00	3.5954e+02	7.0290e+01	3.8886e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	3.4038e+02	5.8537e+01	2.0632e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	3.2443e+02	8.2870e+01	6.4353e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	3.3872e+02	9.9301e+01	2.4689e+01
969	1625	0.0000e+00	0.0000e+00	0.0000e+00	4.0625e+02	-1.7201e+01	5.6184e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.7891e+02	-1.2518e+01	2.0773e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	3.5092e+02	3.6102e+01	1.8539e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	3.6290e+02	4.5221e+01	5.3950e+01
970	1624	0.0000e+00	0.0000e+00	0.0000e+00	4.5966e+02	-1.2402e+02	4.4124e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	4.2764e+02	-1.0381e+02	3.1280e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.9358e+02	-4.5979e+01	1.7551e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	4.1112e+02	-5.4394e+01	5.8547e+01
971	1265	0.0000e+00	0.0000e+00	0.0000e+00	4.8734e+02	-1.8749e+02	4.1791e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	4.5416e+02	-1.6287e+02	-1.5037e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	4.3751e+02	-1.3518e+02	8.0071e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	4.6528e+02	-1.5630e+02	2.7224e+01
972	1622	0.0000e+00	0.0000e+00	0.0000e+00	3.6562e+02	-1.1345e+02	-5.5701e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	4.2363e+02	-8.9303e+01	-3.3552e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	4.3853e+02	-1.1566e+02	-4.0511e-01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	3.9534e+02	-1.5732e+02	-2.2554e+01
973	1621	0.0000e+00	0.0000e+00	0.0000e+00	3.1057e+02	1.4268e+01	-8.3767e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	3.7565e+02	2.1426e+00	-4.0703e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	4.0607e+02	-5.3201e+01	-3.7411e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	3.6691e+02	-7.1862e+01	-8.0475e+01
974	1620	0.0000e+00	0.0000e+00	0.0000e+00	2.7152e+02	1.1957e+02	-5.1332e+01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	3.3479e+02	8.4364e+01	-2.0577e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	3.5783e+02	4.0133e+01	-4.6352e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	3.1045e+02	5.6102e+01	-7.7107e+01
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	2.6121e+02	1.5739e+02	1.0198e+01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	3.2185e+02	1.1396e+02	1.7325e+01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	3.2600e+02	1.0411e+02	-2.3073e+01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	2.7142e+02	1.4089e+02	-3.0201e+01
976	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.8106e+02	1.1555e+02	7.4562e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	3.4105e+02	7.8122e+01	5.6428e+01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	3.2371e+02	1.0923e+02	1.6456e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	2.6185e+02	1.5116e+02	3.4590e+01
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	3.3231e+02	-2.8357e+00	1.1772e+02
	1625	0.0000e+00	0.0000e+00	0.0000e+00	3.8914e+02	-1.4987e+01	7.5428e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	3.5415e+02	4.8691e+01	5.2750e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.8209e+02	8.1563e+01	9.5040e+01
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	4.0138e+02	-1.6366e+02	1.0716e+02
	1624	0.0000e+00	0.0000e+00	0.0000e+00	4.5087e+02	-1.3149e+02	5.3760e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	4.1236e+02	-6.2435e+01	6.7195e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	3.3229e+02	-5.6932e+01	1.2060e+02
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	4.3530e+02	-2.6755e+02	1.9735e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	4.9010e+02	-2.0429e+02	-6.6966e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	4.7333e+02	-1.7386e+02	4.5455e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	3.9882e+02	-2.1414e+02	7.1887e+01
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	1.8720e+02	-1.8805e+02	-1.1226e+02
	1622	0.0000e+00	0.0000e+00	0.0000e+00	3.5570e+02	-1.4413e+02	-7.6684e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	3.7485e+02	-1.8862e+02	-8.9916e+00
	1615	0.0000e+00	0.0000e+00	0.0000e+00	2.3973e+02	-2.7908e+02	-4.4571e+01

981	1613	0.0000e+00	0.0000e+00	0.0000e+00	1.2914e+02	4.2959e+01	-1.4356e+02
	1621	0.0000e+00	0.0000e+00	0.0000e+00	2.8118e+02	8.2951e+00	-8.7246e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	3.1939e+02	-8.3212e+01	-9.4251e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	2.0440e+02	-1.0397e+02	-1.5057e+02
982	1612	0.0000e+00	0.0000e+00	0.0000e+00	1.0702e+02	1.8637e+02	-7.4968e+01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	2.2915e+02	1.3014e+02	-4.5871e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	2.5786e+02	5.9117e+01	-9.6886e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	1.3693e+02	1.0416e+02	-1.2598e+02
983	1611	0.0000e+00	0.0000e+00	0.0000e+00	1.0218e+02	2.3544e+02	1.2338e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	2.1320e+02	1.7096e+02	1.9916e+01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	2.2076e+02	1.5308e+02	-4.4076e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	1.0989e+02	2.1565e+02	-5.1654e+01
984	1610	0.0000e+00	0.0000e+00	0.0000e+00	1.0754e+02	1.9036e+02	1.0031e+02
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.2730e+02	1.2443e+02	9.0081e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	2.1314e+02	1.6729e+02	2.5448e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	1.0109e+02	2.2968e+02	3.5680e+01
985	1609	0.0000e+00	0.0000e+00	0.0000e+00	1.3589e+02	4.0496e+01	1.7521e+02
	1617	0.0000e+00	0.0000e+00	0.0000e+00	2.7328e+02	-4.3903e+00	1.4037e+02
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.3673e+02	9.2819e+01	8.9892e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	1.0225e+02	1.4814e+02	1.2473e+02
986	1608	0.0000e+00	0.0000e+00	0.0000e+00	2.1472e+02	-2.1833e+02	1.9021e+02
	1616	0.0000e+00	0.0000e+00	0.0000e+00	3.4717e+02	-1.8226e+02	1.2282e+02
	1617	0.0000e+00	0.0000e+00	0.0000e+00	3.0110e+02	-6.7224e+01	1.2555e+02
	1609	0.0000e+00	0.0000e+00	0.0000e+00	1.2500e+02	-3.6588e+01	1.9295e+02
987	1243	0.0000e+00	0.0000e+00	0.0000e+00	2.5736e+02	-4.3203e+02	4.6468e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	4.1369e+02	-3.1032e+02	3.3666e+00
	1616	0.0000e+00	0.0000e+00	0.0000e+00	3.9108e+02	-2.5591e+02	9.7279e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	1.9313e+02	-3.2065e+02	1.4038e+02
988	1606	0.0000e+00	0.0000e+00	0.0000e+00	-1.8651e+02	-3.1134e+02	-1.9513e+02
	1614	0.0000e+00	0.0000e+00	0.0000e+00	1.6719e+02	-2.4514e+02	-1.3956e+02
	1615	0.0000e+00	0.0000e+00	0.0000e+00	1.9331e+02	-3.4602e+02	-2.2885e+01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-1.0067e+02	-5.1146e+02	-7.8456e+01
989	1605	0.0000e+00	0.0000e+00	0.0000e+00	-1.4464e+02	9.7112e+01	-1.6119e+02
	1613	0.0000e+00	0.0000e+00	0.0000e+00	6.2500e+01	5.5631e+01	-1.3128e+02
	1614	0.0000e+00	0.0000e+00	0.0000e+00	9.0617e+01	-1.2723e+02	-1.8220e+02
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-1.1250e+02	-6.7610e+01	-2.1211e+02
990	1604	0.0000e+00	0.0000e+00	0.0000e+00	-9.3397e+01	2.6804e+02	-6.2095e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	3.6842e+01	2.1052e+02	-6.6540e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	5.5108e+01	1.0239e+02	-1.3787e+02
	1605	0.0000e+00	0.0000e+00	0.0000e+00	-1.2062e+02	1.8649e+02	-1.3343e+02
991	1603	0.0000e+00	0.0000e+00	0.0000e+00	-7.6961e+01	3.1649e+02	1.4122e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	3.6389e+01	2.5389e+02	1.3191e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	4.0597e+01	2.2757e+02	-5.3511e+01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	-8.3044e+01	2.9740e+02	-5.2581e+01
992	1602	0.0000e+00	0.0000e+00	0.0000e+00	-1.0105e+02	2.7455e+02	8.9560e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	3.4023e+01	1.9845e+02	9.9658e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	3.3524e+01	2.5197e+02	3.0902e+01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	-8.0211e+01	3.1238e+02	2.0804e+01
993	1601	0.0000e+00	0.0000e+00	0.0000e+00	-1.5894e+02	1.2750e+02	1.7723e+02
	1609	0.0000e+00	0.0000e+00	0.0000e+00	4.3764e+01	3.3576e+01	1.8824e+02
	1610	0.0000e+00	0.0000e+00	0.0000e+00	2.5254e+01	1.7597e+02	1.1143e+02
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-1.1825e+02	2.3454e+02	1.0042e+02
994	1600	0.0000e+00	0.0000e+00	0.0000e+00	-1.5388e+02	-1.8780e+02	2.6252e+02
	1608	0.0000e+00	0.0000e+00	0.0000e+00	8.2923e+01	-2.5040e+02	2.2827e+02
	1609	0.0000e+00	0.0000e+00	0.0000e+00	5.0778e+01	-2.4147e+01	1.7606e+02
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-1.9074e+02	1.6911e+01	2.1031e+02
995	1232	0.0000e+00	0.0000e+00	0.0000e+00	-1.3909e+02	-7.2527e+02	8.9360e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	2.0654e+02	-5.1651e+02	2.1647e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	1.7513e+02	-3.9349e+02	1.7242e+02
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-2.4411e+02	-4.8407e+02	2.4014e+02
996	868	0.0000e+00	0.0000e+00	0.0000e+00	-6.8452e+02	8.6143e+01	-6.2408e+00
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-4.1315e+02	-3.1927e+02	-1.1407e+02
	1607	0.0000e+00	0.0000e+00	0.0000e+00	1.4734e+01	-6.7695e+02	-8.8299e+01

	17	0.0000e+00	0.0000e+00	0.0000e+00	-1.3297e+03	-1.1335e+03	1.9531e+01
997	867	0.0000e+00	0.0000e+00	0.0000e+00	-3.6705e+02	1.9457e+02	3.4222e+00
	1605	0.0000e+00	0.0000e+00	0.0000e+00	-2.6545e+02	1.7161e+02	-1.2517e+02
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-3.6650e+02	-1.3542e+02	-1.7340e+02
	868	0.0000e+00	0.0000e+00	0.0000e+00	-5.2510e+02	-6.2627e+01	-4.4806e+01
998	866	0.0000e+00	0.0000e+00	0.0000e+00	-2.2182e+02	3.2276e+02	8.9640e+00
	1604	0.0000e+00	0.0000e+00	0.0000e+00	-1.6193e+02	2.9965e+02	-5.5088e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	-2.0896e+02	1.7494e+02	-8.9521e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	-3.0383e+02	2.2019e+02	-2.5469e+01
999	865	0.0000e+00	0.0000e+00	0.0000e+00	-1.8118e+02	3.5522e+02	1.3526e+01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	-1.2890e+02	3.3132e+02	-1.1047e-01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	-1.3929e+02	3.0327e+02	-2.6845e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	-1.9826e+02	3.3245e+02	-1.3208e+01
1000	864	0.0000e+00	0.0000e+00	0.0000e+00	-2.2592e+02	3.0980e+02	2.1370e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-1.6145e+02	2.7730e+02	5.4555e+01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	-1.3408e+02	3.3076e+02	2.6664e+01
	865	0.0000e+00	0.0000e+00	0.0000e+00	-1.8643e+02	3.5363e+02	-6.5216e+00
1001	863	0.0000e+00	0.0000e+00	0.0000e+00	-3.7116e+02	1.6284e+02	3.5884e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-2.6102e+02	1.1055e+02	1.2287e+02
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-1.9556e+02	2.7229e+02	8.4499e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-2.6136e+02	2.9618e+02	-2.4867e+00
1002	862	0.0000e+00	0.0000e+00	0.0000e+00	-6.4663e+02	-1.8701e+02	5.8674e+01
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-4.5708e+02	-2.7226e+02	2.1742e+02
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-3.3257e+02	1.0561e+02	1.6208e+02
	863	0.0000e+00	0.0000e+00	0.0000e+00	-4.5131e+02	1.3022e+02	3.3373e+00
1003	16	0.0000e+00	0.0000e+00	0.0000e+00	-1.6087e+03	-1.4951e+03	-2.3528e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	4.6881e+00	-9.2742e+02	1.0111e+02
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-5.1213e+02	-4.9766e+02	1.4102e+02
	862	0.0000e+00	0.0000e+00	0.0000e+00	-8.4079e+02	-9.1690e+00	1.6377e+01
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	1.5987e+02	-1.4643e+02	-1.0558e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-7.4290e+01	7.4256e+01	3.8467e+00
	31	0.0000e+00	0.0000e+00	0.0000e+00	-1.6873e+02	-3.5090e+02	2.6942e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	2.8084e+02	-1.8036e+02	1.2537e+01
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	1.6399e+02	-6.5888e+01	-1.6772e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-5.4152e+01	6.8352e+01	2.3582e+00
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-7.7894e+01	-2.0596e+02	1.8462e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	1.9517e+02	-1.0669e+02	1.4426e+01
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	1.7233e+02	-3.0964e+01	-6.1911e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-4.7892e+01	4.4017e+01	-2.7524e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	-5.7775e+01	-9.4246e+01	1.2183e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	1.8854e+02	-5.1697e+01	8.7447e+00
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	1.8023e+02	-2.5366e+01	-9.3212e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-4.9309e+01	-8.0311e+00	-9.1491e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	-4.9474e+01	-1.1896e+01	5.2610e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	1.8071e+02	-2.5851e+01	5.0889e+00
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	1.8794e+02	-4.9581e+01	-1.3020e+01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-5.7540e+01	-8.8689e+01	-1.6103e+01
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-4.7974e+01	4.1799e+01	-1.1402e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	1.7269e+02	-2.9799e+01	1.9428e+00
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	1.9436e+02	-1.0301e+02	-1.8861e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-7.7658e+01	-1.9869e+02	-2.2477e+01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-5.4176e+01	6.7787e+01	-6.2846e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	1.6421e+02	-6.3046e+01	-2.6687e+00
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	2.8040e+02	-1.7529e+02	-1.7404e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	-1.6956e+02	-3.4211e+02	-3.1189e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-7.4392e+01	7.5604e+01	-7.7605e+00
	1588	0.0000e+00	0.0000e+00	0.0000e+00	1.5983e+02	-1.4209e+02	6.0252e+00
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	4.2633e+02	-1.2962e+02	1.3021e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	2.7345e+02	-1.3222e+02	2.0077e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	2.8315e+02	-1.5494e+02	1.3727e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	4.2963e+02	-1.4376e+02	6.6710e+00
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	4.0238e+02	-7.2389e+01	2.3713e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	2.6866e+02	-6.8894e+01	1.5939e+01

	1593	0.0000e+00	0.0000e+00	0.0000e+00	2.8214e+02	-8.1323e+01	3.1545e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	4.1390e+02	-1.1172e+02	1.7978e+01
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	3.8681e+02	-3.4591e+01	-5.6203e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	2.6457e+02	-2.6934e+01	2.6858e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	2.6917e+02	-3.4769e+01	1.8340e+01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	3.9750e+02	-6.1104e+01	1.0034e+01
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	3.8540e+02	-2.9636e+01	-8.8717e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	2.6419e+02	-1.4839e+01	-8.7572e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	2.6430e+02	-1.5097e+01	5.0226e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	3.8550e+02	-3.0221e+01	4.9081e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	3.9718e+02	-5.8939e+01	-1.4011e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	2.6891e+02	-3.2892e+01	-2.2112e+01
	1590	0.0000e+00	0.0000e+00	0.0000e+00	2.6452e+02	-2.5578e+01	-6.4370e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	3.8664e+02	-3.3569e+01	1.6649e+00
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	4.1348e+02	-1.0809e+02	-2.2008e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	2.8182e+02	-7.7858e+01	-3.5473e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	2.6850e+02	-6.5968e+01	-1.9783e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	4.0200e+02	-6.9805e+01	-6.3187e+00
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	4.2939e+02	-1.3886e+02	-1.0811e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	2.8293e+02	-1.5004e+02	-1.7941e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	2.7326e+02	-1.2792e+02	-2.4137e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	4.2593e+02	-1.2564e+02	-1.7007e+01
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	4.8535e+02	-1.3519e+02	-4.2161e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	4.5785e+02	-1.2313e+02	3.5429e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	4.6186e+02	-1.3595e+02	1.6586e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	4.9563e+02	-1.5221e+02	8.8272e+00
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	4.5522e+02	-7.6304e+01	-2.3172e+01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	4.3562e+02	-7.3060e+01	1.2463e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	4.5370e+02	-1.0640e+02	9.4568e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	4.8212e+02	-1.2098e+02	-1.4962e+01
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	4.3113e+02	-2.5851e+01	-1.8195e+01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	4.1715e+02	-3.2902e+01	-5.0918e-01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	4.2865e+02	-5.5312e+01	-1.7008e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	4.5220e+02	-5.9776e+01	-1.9386e+01
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	4.2987e+02	-1.8272e+01	8.3756e-01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	4.1390e+02	-2.4782e+01	9.9694e-01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	4.1404e+02	-2.5360e+01	-5.0041e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	4.3003e+02	-1.8840e+01	-5.1635e+00
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	4.5176e+02	-5.7567e+01	1.5132e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	4.2826e+02	-5.3153e+01	-2.2679e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	4.1699e+02	-3.1874e+01	-3.5073e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	4.3098e+02	-2.4768e+01	1.3893e+01
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	4.8155e+02	-1.1726e+02	1.0896e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	4.5320e+02	-1.0278e+02	-1.3371e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	4.3523e+02	-7.0484e+01	-5.2557e+00
	1577	0.0000e+00	0.0000e+00	0.0000e+00	4.5483e+02	-7.3621e+01	1.9011e+01
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	4.9527e+02	-1.4733e+02	-1.2651e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	4.6150e+02	-1.3107e+02	-2.0508e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	4.5743e+02	-1.1919e+02	-7.5342e+00
	1576	0.0000e+00	0.0000e+00	0.0000e+00	4.8486e+02	-1.3109e+02	3.2191e-01
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	4.1111e+02	-1.7654e+02	-3.3925e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	4.8841e+02	-1.4886e+02	-1.6850e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	4.9340e+02	-1.6334e+02	1.9545e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	4.3757e+02	-2.1469e+02	2.4693e+00
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	3.6359e+02	-7.1050e+01	-6.6851e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	4.5022e+02	-8.4120e+01	-2.7757e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	4.7387e+02	-1.2416e+02	-2.1620e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	4.1197e+02	-1.5055e+02	-6.0714e+01
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	3.3069e+02	1.1439e+01	-3.9669e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	4.1633e+02	-2.4871e+01	-1.2201e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	4.3443e+02	-5.5972e+01	-3.5239e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	3.6319e+02	-4.2258e+01	-6.2706e+01
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	3.3024e+02	2.4268e+01	1.4718e+01



	1578	0.0000e+00	0.0000e+00	0.0000e+00	4.0991e+02	-1.2646e+01	1.4841e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	4.1005e+02	-1.3244e+01	-1.9175e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	3.3032e+02	2.3705e+01	-1.9298e+01
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	3.6295e+02	-3.9887e+01	5.8225e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	4.3401e+02	-5.3707e+01	3.1011e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	4.1616e+02	-2.3772e+01	7.8853e+00
	1572	0.0000e+00	0.0000e+00	0.0000e+00	3.3067e+02	1.2624e+01	3.5099e+01
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	4.1160e+02	-1.4637e+02	5.6598e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	4.7328e+02	-1.2035e+02	1.7695e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	4.4977e+02	-8.1349e+01	2.3569e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	3.6345e+02	-6.8082e+01	6.2472e+01
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	4.3743e+02	-2.0926e+02	-5.8546e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	4.9298e+02	-1.5835e+02	-2.3051e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	4.8786e+02	-1.4465e+02	1.2941e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	4.1087e+02	-1.7189e+02	3.0137e+01
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	1.9745e+02	-2.6512e+02	-9.4564e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	3.9402e+02	-2.1356e+02	-5.6276e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	4.0767e+02	-2.4831e+02	1.7495e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	2.5433e+02	-3.5694e+02	-2.0792e+01
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	1.3152e+02	-4.6274e+01	-1.3483e+02
	1574	0.0000e+00	0.0000e+00	0.0000e+00	3.2252e+02	-8.4588e+01	-7.2320e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	3.6006e+02	-1.6219e+02	-7.4304e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	2.0913e+02	-1.9619e+02	-1.3682e+02
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	1.0455e+02	8.6807e+01	-6.4433e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	2.7005e+02	1.8074e+01	-3.1943e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	2.9676e+02	-3.8676e+01	-8.5634e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	1.3769e+02	9.1778e+00	-1.1812e+02
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	1.0679e+02	1.0893e+02	3.1815e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	2.6186e+02	3.5192e+01	3.1749e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	2.6190e+02	3.4494e+01	-3.6267e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	1.0663e+02	1.0844e+02	-3.6201e+01
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	1.3827e+02	1.1590e+01	1.1368e+02
	1571	0.0000e+00	0.0000e+00	0.0000e+00	2.9668e+02	-3.6139e+01	8.1158e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	2.7009e+02	1.9190e+01	2.7478e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	1.0495e+02	8.8024e+01	5.9998e+01
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	2.0972e+02	-1.9128e+02	1.3261e+02
	1570	0.0000e+00	0.0000e+00	0.0000e+00	3.5984e+02	-1.5778e+02	7.0281e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	3.2240e+02	-8.1500e+01	6.8004e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	1.3235e+02	-4.3053e+01	1.3033e+02
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	2.5519e+02	-3.5007e+02	1.7888e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	4.0755e+02	-2.4252e+02	-2.0484e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	3.9371e+02	-2.0859e+02	5.2432e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	1.9834e+02	-2.5937e+02	9.0803e+01
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	-2.3374e+02	-4.3515e+02	-1.9679e+02
	1569	0.0000e+00	0.0000e+00	0.0000e+00	1.6982e+02	-3.3308e+02	-1.3261e+02
	1383	0.0000e+00	0.0000e+00	0.0000e+00	1.9578e+02	-4.3115e+02	2.2530e+00
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.4147e+02	-6.2193e+02	-6.1931e+01
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	-2.2074e+02	5.3203e+00	-1.7889e+02
	1568	0.0000e+00	0.0000e+00	0.0000e+00	4.7647e+01	-4.2207e+01	-1.2734e+02
	1569	0.0000e+00	0.0000e+00	0.0000e+00	8.7995e+01	-2.2004e+02	-1.7492e+02
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.6612e+02	-1.6425e+02	-2.2647e+02
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.8145e+02	1.8989e+02	-5.9985e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	2.1161e+00	1.1092e+02	-5.4595e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	2.8623e+01	9.9777e+00	-1.3956e+02
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.9803e+02	1.1551e+02	-1.4495e+02
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.7305e+02	2.1894e+02	4.1102e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	1.5169e+00	1.2649e+02	4.0632e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	1.2710e+00	1.2572e+02	-4.4704e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.7367e+02	2.1857e+02	-4.4234e+01
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.9568e+02	1.1746e+02	1.4144e+02
	1565	0.0000e+00	0.0000e+00	0.0000e+00	2.9616e+01	1.2666e+01	1.3522e+02
	1566	0.0000e+00	0.0000e+00	0.0000e+00	2.7944e+00	1.1185e+02	5.0567e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.8031e+02	1.9089e+02	5.6781e+01

1044 1558 0.0000e+00 0.0000e+00 0.0000e+00 -1.6289e+02 -1.5943e+02 2.2241e+02  
1564 0.0000e+00 0.0000e+00 0.0000e+00 8.9348e+01 -2.1475e+02 1.7059e+02  
1565 0.0000e+00 0.0000e+00 0.0000e+00 4.8842e+01 -3.9077e+01 1.2323e+02  
1559 0.0000e+00 0.0000e+00 0.0000e+00 -2.1783e+02 8.4608e+00 1.7504e+02

1045 1307 0.0000e+00 0.0000e+00 0.0000e+00 -1.3752e+02 -6.1235e+02 5.9539e+01  
1318 0.0000e+00 0.0000e+00 0.0000e+00 1.9690e+02 -4.2350e+02 -4.6537e+00  
1564 0.0000e+00 0.0000e+00 0.0000e+00 1.7067e+02 -3.2671e+02 1.2876e+02  
1558 0.0000e+00 0.0000e+00 0.0000e+00 -2.2954e+02 -4.2756e+02 1.9295e+02

1046 1077 0.0000e+00 0.0000e+00 0.0000e+00 -8.6902e+02 -9.3016e+00 -2.6391e+01  
1563 0.0000e+00 0.0000e+00 0.0000e+00 -4.9085e+02 -4.6289e+02 -1.2326e+02  
1372 0.0000e+00 0.0000e+00 0.0000e+00 1.6900e+00 -8.0087e+02 -7.3359e+01  
20 0.0000e+00 0.0000e+00 0.0000e+00 -1.5400e+03 -1.3628e+03 2.3506e+01

1047 1076 0.0000e+00 0.0000e+00 0.0000e+00 -5.1462e+02 1.3063e+02 -2.8066e+00  
1562 0.0000e+00 0.0000e+00 0.0000e+00 -3.8751e+02 9.8889e+01 -1.3767e+02  
1563 0.0000e+00 0.0000e+00 0.0000e+00 -4.6612e+02 -2.5179e+02 -1.9975e+02  
1077 0.0000e+00 0.0000e+00 0.0000e+00 -6.8443e+02 -1.4872e+02 -6.4890e+01

1048 1075 0.0000e+00 0.0000e+00 0.0000e+00 -3.7253e+02 2.6500e+02 7.8599e+00  
1561 0.0000e+00 0.0000e+00 0.0000e+00 -2.8858e+02 2.3171e+02 -5.6272e+01  
1562 0.0000e+00 0.0000e+00 0.0000e+00 -3.3057e+02 1.0001e+02 -9.9700e+01  
1076 0.0000e+00 0.0000e+00 0.0000e+00 -4.4868e+02 1.6102e+02 -3.5568e+01

1049 1074 0.0000e+00 0.0000e+00 0.0000e+00 -3.5148e+02 2.7498e+02 1.8820e+01  
1560 0.0000e+00 0.0000e+00 0.0000e+00 -2.7016e+02 2.3358e+02 1.7928e+01  
1561 0.0000e+00 0.0000e+00 0.0000e+00 -2.7090e+02 2.3292e+02 -2.0298e+01  
1075 0.0000e+00 0.0000e+00 0.0000e+00 -3.5239e+02 2.7452e+02 -1.9405e+01

1050 1073 0.0000e+00 0.0000e+00 0.0000e+00 -4.4487e+02 1.6285e+02 3.4827e+01  
1559 0.0000e+00 0.0000e+00 0.0000e+00 -3.2743e+02 1.0232e+02 9.7027e+01  
1560 0.0000e+00 0.0000e+00 0.0000e+00 -2.8697e+02 2.3224e+02 5.3819e+01  
1074 0.0000e+00 0.0000e+00 0.0000e+00 -3.7075e+02 2.6554e+02 -8.3807e+00

1051 1072 0.0000e+00 0.0000e+00 0.0000e+00 -6.7688e+02 -1.4393e+02 6.3818e+01  
1558 0.0000e+00 0.0000e+00 0.0000e+00 -4.6018e+02 -2.4601e+02 1.9632e+02  
1559 0.0000e+00 0.0000e+00 0.0000e+00 -3.8330e+02 1.0103e+02 1.3475e+02  
1073 0.0000e+00 0.0000e+00 0.0000e+00 -5.0968e+02 1.3264e+02 2.2526e+00

1052 19 0.0000e+00 0.0000e+00 0.0000e+00 -1.5222e+03 -1.3462e+03 -2.3868e+01  
1307 0.0000e+00 0.0000e+00 0.0000e+00 3.9471e+00 -7.8948e+02 7.1028e+01  
1558 0.0000e+00 0.0000e+00 0.0000e+00 -4.8420e+02 -4.5516e+02 1.2061e+02  
1072 0.0000e+00 0.0000e+00 0.0000e+00 -8.5926e+02 -6.1221e+00 2.5711e+01

1053 1551 0.0000e+00 0.0000e+00 0.0000e+00 1.5986e+02 -1.4199e+02 -6.0294e+00  
1557 0.0000e+00 0.0000e+00 0.0000e+00 -7.4341e+01 7.5566e+01 7.7592e+00  
26 0.0000e+00 0.0000e+00 0.0000e+00 -1.6944e+02 -3.4185e+02 3.1190e+01  
1277 0.0000e+00 0.0000e+00 0.0000e+00 2.8036e+02 -1.7517e+02 1.7402e+01

1054 1550 0.0000e+00 0.0000e+00 0.0000e+00 1.6423e+02 -6.3006e+01 2.6508e+00  
1556 0.0000e+00 0.0000e+00 0.0000e+00 -5.4160e+01 6.7717e+01 6.2749e+00  
1557 0.0000e+00 0.0000e+00 0.0000e+00 -7.7610e+01 -1.9850e+02 2.2469e+01  
1551 0.0000e+00 0.0000e+00 0.0000e+00 1.9435e+02 -1.0294e+02 1.8845e+01

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1555 0.0000e+00 0.0000e+00 0.0000e+00 -4.7989e+01 4.1687e+01 1.1301e+00  
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1056 1548 0.0000e+00 0.0000e+00 0.0000e+00 1.8069e+02 -2.5899e+01 -5.0998e+00  
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1549 0.0000e+00 0.0000e+00 0.0000e+00 1.8019e+02 -2.5386e+01 9.3052e+00

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1548 0.0000e+00 0.0000e+00 0.0000e+00 1.7228e+02 -3.1028e+01 6.1841e+00

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1552 0.0000e+00 0.0000e+00 0.0000e+00 -7.7994e+01 -2.0624e+02 -1.8437e+01  
1553 0.0000e+00 0.0000e+00 0.0000e+00 -5.4223e+01 6.8347e+01 -2.3465e+00  
1547 0.0000e+00 0.0000e+00 0.0000e+00 1.6393e+02 -6.5999e+01 1.6858e+00

1059 1212 0.0000e+00 0.0000e+00 0.0000e+00 2.8083e+02 -1.8054e+02 -1.2483e+01  
25 0.0000e+00 0.0000e+00 0.0000e+00 -1.6887e+02 -3.5125e+02 -2.6894e+01  
1552 0.0000e+00 0.0000e+00 0.0000e+00 -7.4389e+01 7.4211e+01 -3.8158e+00

	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.5980e+02	-1.4660e+02	1.0596e+01
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.2590e+02	-1.2557e+02	1.6976e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	2.7326e+02	-1.2782e+02	2.4107e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	2.8293e+02	-1.4994e+02	1.7931e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.2936e+02	-1.3878e+02	1.0800e+01
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.0197e+02	-6.9770e+01	6.2780e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	2.6849e+02	-6.5918e+01	1.9743e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	2.8181e+02	-7.7802e+01	3.5437e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.1345e+02	-1.0803e+02	2.1972e+01
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	3.8661e+02	-3.3572e+01	-1.7061e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	2.6451e+02	-2.5571e+01	6.3983e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	2.6890e+02	-3.2878e+01	2.2072e+01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	3.9715e+02	-5.8912e+01	1.3968e+01
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	3.8547e+02	-3.0262e+01	-4.9431e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	2.6427e+02	-1.5132e+01	-5.0546e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	2.6416e+02	-1.4866e+01	8.7200e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	3.8538e+02	-2.9646e+01	8.8314e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	3.9748e+02	-6.1182e+01	-1.0057e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	2.6913e+02	-3.4846e+01	-1.8360e+01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	2.6453e+02	-2.7003e+01	-2.7144e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	3.8679e+02	-3.4640e+01	5.5889e+00
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.1387e+02	-1.1183e+02	-1.7978e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	2.8209e+02	-8.1445e+01	-3.1544e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	2.6861e+02	-6.9007e+01	-1.5953e+01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.0236e+02	-7.2476e+01	-2.3870e+00
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.2960e+02	-1.4390e+02	-6.6316e+00
	1212	0.0000e+00	0.0000e+00	0.0000e+00	2.8310e+02	-1.5511e+02	-1.3684e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	2.7339e+02	-1.3238e+02	-2.0064e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.2631e+02	-1.2974e+02	-1.3011e+01
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	4.8483e+02	-1.3104e+02	-3.4959e-01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.5741e+02	-1.1912e+02	7.5062e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.6147e+02	-1.3100e+02	2.0493e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	4.9523e+02	-1.4728e+02	1.2637e+01
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	4.5479e+02	-7.3590e+01	-1.9047e+01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.3520e+02	-7.0450e+01	5.2147e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.5317e+02	-1.0272e+02	1.3336e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	4.8152e+02	-1.1722e+02	-1.0926e+01
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	4.3095e+02	-2.4766e+01	-1.3930e+01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.1696e+02	-3.1873e+01	3.4651e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.2823e+02	-5.3129e+01	2.2256e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	4.5173e+02	-5.7545e+01	-1.5169e+01
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	4.3001e+02	-1.8869e+01	5.1320e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.1402e+02	-2.5395e+01	4.9681e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.1388e+02	-2.4793e+01	-1.0377e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	4.2985e+02	-1.8278e+01	-8.7380e-01
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	4.5218e+02	-5.9835e+01	1.9367e+01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.2863e+02	-5.5384e+01	1.6779e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.1712e+02	-3.2948e+01	4.7689e-01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	4.3111e+02	-2.5889e+01	1.8166e+01
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	4.8211e+02	-1.2106e+02	1.4963e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.5368e+02	-1.0650e+02	-9.4576e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.3559e+02	-7.3141e+01	-1.2627e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	4.5521e+02	-7.6372e+01	2.3158e+01
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	4.9561e+02	-1.5231e+02	-8.7983e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.6183e+02	-1.3608e+02	-1.6553e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.5782e+02	-1.2325e+02	-3.5322e+00
	1534	0.0000e+00	0.0000e+00	0.0000e+00	4.8534e+02	-1.3528e+02	4.2226e+00
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	4.1083e+02	-1.7185e+02	-3.0163e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	4.8782e+02	-1.4460e+02	-1.2967e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	4.9294e+02	-1.5829e+02	2.3033e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	4.3740e+02	-2.0922e+02	5.8372e+00
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	3.6342e+02	-6.8055e+01	-6.2503e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	4.4974e+02	-8.1320e+01	-2.3604e+01

	1539	0.0000e+00	0.0000e+00	0.0000e+00	4.7325e+02	-1.2031e+02	-1.7726e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	4.1156e+02	-1.4634e+02	-5.6624e+01
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	3.3065e+02	1.2629e+01	-3.5129e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	4.1614e+02	-2.3768e+01	-7.9218e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	4.3398e+02	-5.3686e+01	-3.1048e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	3.6292e+02	-3.9866e+01	-5.8254e+01
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	3.3031e+02	2.3686e+01	1.9274e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	4.1003e+02	-1.3268e+01	1.9143e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	4.0988e+02	-1.2651e+01	-1.4876e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	3.3022e+02	2.4266e+01	-1.4746e+01
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	3.6319e+02	-4.2302e+01	6.2691e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	4.3441e+02	-5.6025e+01	3.5218e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	4.1632e+02	-2.4905e+01	1.2173e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	3.3068e+02	1.1412e+01	3.9646e+01
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	4.1196e+02	-1.5061e+02	6.0713e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	4.7385e+02	-1.2423e+02	2.1617e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	4.5021e+02	-8.4181e+01	2.7743e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	3.6359e+02	-7.1101e+01	6.6838e+01
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	4.3756e+02	-2.1476e+02	-2.4519e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	4.9338e+02	-1.6342e+02	-1.9522e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	4.8839e+02	-1.4895e+02	1.6856e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	4.1111e+02	-1.7661e+02	3.3927e+01
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	1.9831e+02	-2.5934e+02	-9.0829e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	3.9367e+02	-2.0855e+02	-5.2456e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	4.0751e+02	-2.4249e+02	2.0464e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	2.5516e+02	-3.5004e+02	-1.7909e+01
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	1.3232e+02	-4.3027e+01	-1.3035e+02
	1532	0.0000e+00	0.0000e+00	0.0000e+00	3.2237e+02	-8.1473e+01	-6.8031e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	3.5981e+02	-1.5774e+02	-7.0308e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	2.0968e+02	-1.9124e+02	-1.3263e+02
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	1.0493e+02	8.8032e+01	-6.0017e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	2.7007e+02	1.9197e+01	-2.7505e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	2.9665e+02	-3.6118e+01	-8.1186e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	1.3824e+02	1.1611e+01	-1.1370e+02
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	1.0662e+02	1.0843e+02	3.6185e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	2.6189e+02	3.4476e+01	3.6243e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	2.6184e+02	3.5191e+01	-3.1775e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	1.0678e+02	1.0893e+02	-3.1833e+01
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	1.3769e+02	9.1435e+00	1.1812e+02
	1529	0.0000e+00	0.0000e+00	0.0000e+00	2.9676e+02	-3.8716e+01	8.5618e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	2.7004e+02	1.8049e+01	3.1923e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	1.0455e+02	8.6787e+01	6.4419e+01
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	2.0913e+02	-1.9624e+02	1.3681e+02
	1528	0.0000e+00	0.0000e+00	0.0000e+00	3.6005e+02	-1.6224e+02	7.4299e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	3.2251e+02	-8.4635e+01	7.2309e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	1.3152e+02	-4.6314e+01	1.3482e+02
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	2.5432e+02	-3.5699e+02	2.0797e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	4.0766e+02	-2.4837e+02	-1.7484e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	3.9401e+02	-2.1362e+02	5.6278e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	1.9745e+02	-2.6518e+02	9.4560e+01
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-2.2957e+02	-4.2751e+02	-1.9297e+02
	1527	0.0000e+00	0.0000e+00	0.0000e+00	1.7063e+02	-3.2668e+02	-1.2878e+02
	1233	0.0000e+00	0.0000e+00	0.0000e+00	1.9686e+02	-4.2347e+02	4.6284e+00
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-1.3755e+02	-6.1232e+02	-5.9569e+01
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	-2.1785e+02	8.4903e+00	-1.7505e+02
	1526	0.0000e+00	0.0000e+00	0.0000e+00	4.8813e+01	-3.9048e+01	-1.2325e+02
	1527	0.0000e+00	0.0000e+00	0.0000e+00	8.9315e+01	-2.1471e+02	-1.7061e+02
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.6292e+02	-1.5939e+02	-2.2242e+02
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.8032e+02	1.9090e+02	-5.6791e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	2.7771e+00	1.1186e+02	-5.0585e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	2.9591e+01	1.2688e+01	-1.3524e+02
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.9570e+02	1.1748e+02	-1.4145e+02
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.7367e+02	2.1857e+02	4.4225e+01

	1524	0.0000e+00	0.0000e+00	0.0000e+00	1.2618e+00	1.2571e+02	4.4690e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	1.5008e+00	1.2649e+02	-4.0648e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.7306e+02	2.1894e+02	-4.1112e+01
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.9803e+02	1.1548e+02	1.4495e+02
	1523	0.0000e+00	0.0000e+00	0.0000e+00	2.8621e+01	9.9455e+00	1.3956e+02
	1524	0.0000e+00	0.0000e+00	0.0000e+00	2.1075e+00	1.1090e+02	5.4583e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.8145e+02	1.8988e+02	5.9978e+01
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.6611e+02	-1.6430e+02	2.2647e+02
	1522	0.0000e+00	0.0000e+00	0.0000e+00	8.7996e+01	-2.2009e+02	1.7492e+02
	1523	0.0000e+00	0.0000e+00	0.0000e+00	4.7647e+01	-4.2246e+01	1.2733e+02
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-2.2074e+02	5.2848e+00	1.7889e+02
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-1.4148e+02	-6.2197e+02	6.1921e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	1.9578e+02	-4.3119e+02	-2.2551e+00
	1522	0.0000e+00	0.0000e+00	0.0000e+00	1.6982e+02	-3.3314e+02	1.3261e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-2.3373e+02	-4.3521e+02	1.9679e+02
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	-8.5924e+02	-6.0895e+00	-2.5702e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-4.8423e+02	-4.5509e+02	-1.2062e+02
	1222	0.0000e+00	0.0000e+00	0.0000e+00	3.8935e+00	-7.8945e+02	-7.1085e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.5222e+03	-1.3460e+03	2.3834e+01
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	-5.0968e+02	1.3266e+02	-2.2593e+00
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-3.8331e+02	1.0106e+02	-1.3476e+02
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-4.6020e+02	-2.4596e+02	-1.9632e+02
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-6.7687e+02	-1.4389e+02	-6.3820e+01
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	-3.7075e+02	2.6554e+02	8.3725e+00
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-2.8698e+02	2.3225e+02	-5.3829e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-3.2744e+02	1.0234e+02	-9.7035e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-4.4487e+02	1.6287e+02	-3.4833e+01
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	-3.5239e+02	2.7452e+02	1.9397e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-2.7090e+02	2.3291e+02	2.0288e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-2.7017e+02	2.3359e+02	-1.7937e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-3.5148e+02	2.7498e+02	-1.8828e+01
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	-4.4868e+02	1.6100e+02	3.5563e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-3.3058e+02	9.9983e+01	9.9695e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-2.8859e+02	2.3170e+02	5.6264e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-3.7253e+02	2.6499e+02	-7.8673e+00
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	-6.8445e+02	-1.4876e+02	6.4890e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-4.6613e+02	-2.5184e+02	1.9976e+02
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-3.8752e+02	9.8860e+01	1.3767e+02
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-5.1462e+02	1.3060e+02	2.8018e+00
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-1.5400e+03	-1.3630e+03	-2.3536e+01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	1.7217e+00	-8.0092e+02	7.3320e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-4.9085e+02	-4.6296e+02	1.2325e+02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-8.6904e+02	-9.3294e+00	2.6397e+01
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	1.3325e+01	4.5369e+01	-1.9484e+02
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-6.7012e+01	2.7864e+02	-1.3816e+02
	33	0.0000e+00	0.0000e+00	0.0000e+00	-1.6246e+02	-1.6857e+02	-8.5709e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	2.1319e+02	-4.9193e+01	-1.4239e+02
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	1.9896e+01	1.8364e+02	-1.5824e+02
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-1.3101e+02	3.1135e+02	-1.2185e+02
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-1.0227e+02	-1.3361e+01	-1.2658e+02
	1505	0.0000e+00	0.0000e+00	0.0000e+00	5.8192e+01	1.2462e+02	-1.6297e+02
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	2.2556e+01	2.4234e+02	-1.2094e+02
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-1.6327e+02	3.1568e+02	-1.0046e+02
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-1.5377e+02	1.1231e+02	-1.1592e+02
	1504	0.0000e+00	0.0000e+00	0.0000e+00	5.0778e+01	2.1922e+02	-1.3640e+02
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	3.2088e+01	2.6458e+02	-7.7620e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-1.6857e+02	2.8355e+02	-7.6267e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-1.7161e+02	2.0797e+02	-9.1837e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	3.7625e+01	2.6075e+02	-9.3190e+01
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	5.2685e+01	2.5284e+02	-3.9425e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-1.5499e+02	2.2277e+02	-5.4511e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-1.6543e+02	2.7080e+02	-6.6182e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	3.5338e+01	2.6608e+02	-5.1097e+01

1107 1500 0.0000e+00 0.0000e+00 0.0000e+00 8.2724e+01 2.1051e+02 -1.1299e+01  
1510 0.0000e+00 0.0000e+00 0.0000e+00 -1.3023e+02 1.3730e+02 -3.8832e+01  
1511 0.0000e+00 0.0000e+00 0.0000e+00 -1.4301e+02 3.0189e+02 -4.4123e+01  
1501 0.0000e+00 0.0000e+00 0.0000e+00 4.4793e+01 2.4016e+02 -1.6590e+01

1108 1499 0.0000e+00 0.0000e+00 0.0000e+00 1.1814e+02 1.4123e+02 3.5944e+00  
1509 0.0000e+00 0.0000e+00 0.0000e+00 -1.0246e+02 2.9326e+01 -3.1294e+01  
1510 0.0000e+00 0.0000e+00 0.0000e+00 -1.1214e+02 3.0421e+02 -2.8606e+01  
1500 0.0000e+00 0.0000e+00 0.0000e+00 6.3557e+01 1.8646e+02 6.2821e+00

1109 1498 0.0000e+00 0.0000e+00 0.0000e+00 1.5344e+02 4.9406e+01 4.4004e+00  
1508 0.0000e+00 0.0000e+00 0.0000e+00 -8.1192e+01 -1.0031e+02 -3.1782e+01  
1509 0.0000e+00 0.0000e+00 0.0000e+00 -8.1423e+01 2.8171e+02 -2.0997e+01  
1499 0.0000e+00 0.0000e+00 0.0000e+00 8.7022e+01 1.0858e+02 1.5186e+01

1110 1497 0.0000e+00 0.0000e+00 0.0000e+00 1.8425e+02 -6.1582e+01 -6.0598e+00  
1507 0.0000e+00 0.0000e+00 0.0000e+00 -7.7712e+01 -2.5114e+02 -3.7486e+01  
1508 0.0000e+00 0.0000e+00 0.0000e+00 -6.0721e+01 2.3753e+02 -2.0289e+01  
1498 0.0000e+00 0.0000e+00 0.0000e+00 1.0937e+02 1.0622e+01 1.1137e+01

1111 1437 0.0000e+00 0.0000e+00 0.0000e+00 2.9264e+02 -1.7922e+02 -1.1948e+01  
32 0.0000e+00 0.0000e+00 0.0000e+00 -1.5213e+02 -4.2634e+02 -4.9111e+01  
1507 0.0000e+00 0.0000e+00 0.0000e+00 -6.0743e+01 1.8200e+02 -2.2553e+01  
1497 0.0000e+00 0.0000e+00 0.0000e+00 1.3279e+02 -1.2280e+02 1.4611e+01

1112 1495 0.0000e+00 0.0000e+00 0.0000e+00 1.2276e+02 5.0617e+01 -1.5625e+02  
1505 0.0000e+00 0.0000e+00 0.0000e+00 8.5138e+01 8.9674e+01 -1.5793e+02  
1506 0.0000e+00 0.0000e+00 0.0000e+00 -1.2577e+01 -9.3979e+01 -1.2947e+02  
1496 0.0000e+00 0.0000e+00 0.0000e+00 2.1739e+02 -1.1670e+02 -1.2780e+02

1113 1494 0.0000e+00 0.0000e+00 0.0000e+00 1.5629e+02 2.2652e+02 -1.3349e+02  
1504 0.0000e+00 0.0000e+00 0.0000e+00 8.1421e+01 2.0121e+02 -1.3472e+02  
1505 0.0000e+00 0.0000e+00 0.0000e+00 9.4014e+01 1.3272e+02 -1.4154e+02  
1495 0.0000e+00 0.0000e+00 0.0000e+00 1.4144e+02 1.2221e+02 -1.4031e+02

1114 1493 0.0000e+00 0.0000e+00 0.0000e+00 1.7605e+02 2.9541e+02 -1.0046e+02  
1503 0.0000e+00 0.0000e+00 0.0000e+00 8.3933e+01 2.6735e+02 -1.0462e+02  
1504 0.0000e+00 0.0000e+00 0.0000e+00 8.3240e+01 2.3655e+02 -1.2442e+02  
1494 0.0000e+00 0.0000e+00 0.0000e+00 1.6909e+02 2.5149e+02 -1.2027e+02

1115 1492 0.0000e+00 0.0000e+00 0.0000e+00 1.9358e+02 3.1357e+02 -5.8071e+01  
1502 0.0000e+00 0.0000e+00 0.0000e+00 9.2000e+01 2.8848e+02 -6.6782e+01  
1503 0.0000e+00 0.0000e+00 0.0000e+00 8.7309e+01 2.8230e+02 -8.9484e+01  
1493 0.0000e+00 0.0000e+00 0.0000e+00 1.8223e+02 3.0651e+02 -8.0773e+01

1116 1491 0.0000e+00 0.0000e+00 0.0000e+00 2.1463e+02 2.9035e+02 -1.7982e+01  
1501 0.0000e+00 0.0000e+00 0.0000e+00 1.0966e+02 2.7529e+02 -3.4138e+01  
1502 0.0000e+00 0.0000e+00 0.0000e+00 9.7065e+01 2.8605e+02 -5.2907e+01  
1492 0.0000e+00 0.0000e+00 0.0000e+00 1.9747e+02 3.1174e+02 -3.6750e+01

1117 1490 0.0000e+00 0.0000e+00 0.0000e+00 2.4388e+02 2.3170e+02 1.2447e+01  
1500 0.0000e+00 0.0000e+00 0.0000e+00 1.3717e+02 2.3175e+02 -1.2294e+01  
1501 0.0000e+00 0.0000e+00 0.0000e+00 1.1670e+02 2.5481e+02 -2.2801e+01  
1491 0.0000e+00 0.0000e+00 0.0000e+00 2.1877e+02 2.7767e+02 1.9402e+00

1118 1489 0.0000e+00 0.0000e+00 0.0000e+00 2.8269e+02 1.4266e+02 2.7203e+01  
1499 0.0000e+00 0.0000e+00 0.0000e+00 1.7243e+02 1.6192e+02 -5.2342e+00  
1500 0.0000e+00 0.0000e+00 0.0000e+00 1.4586e+02 1.9321e+02 -4.1049e+00  
1490 0.0000e+00 0.0000e+00 0.0000e+00 2.4950e+02 2.1002e+02 2.8332e+01

1119 1488 0.0000e+00 0.0000e+00 0.0000e+00 3.2903e+02 3.2470e+01 2.2871e+01  
1498 0.0000e+00 0.0000e+00 0.0000e+00 2.1095e+02 7.1193e+01 -1.4094e+01  
1499 0.0000e+00 0.0000e+00 0.0000e+00 1.8139e+02 1.0610e+02 -5.0482e-02  
1489 0.0000e+00 0.0000e+00 0.0000e+00 2.9050e+02 1.1433e+02 3.6915e+01

1120 1487 0.0000e+00 0.0000e+00 0.0000e+00 3.7303e+02 -8.0222e+01 5.1676e+00  
1497 0.0000e+00 0.0000e+00 0.0000e+00 2.5259e+02 -3.4186e+01 -3.1696e+01  
1498 0.0000e+00 0.0000e+00 0.0000e+00 2.1732e+02 -8.2110e-01 -1.1304e+01  
1488 0.0000e+00 0.0000e+00 0.0000e+00 3.4039e+02 9.3540e-01 2.5559e+01

1121 1426 0.0000e+00 0.0000e+00 0.0000e+00 4.1037e+02 -1.5477e+02 3.6590e+00  
1437 0.0000e+00 0.0000e+00 0.0000e+00 2.7334e+02 -1.5393e+02 -2.0080e+01  
1497 0.0000e+00 0.0000e+00 0.0000e+00 2.4811e+02 -1.1558e+02 -2.0486e+01  
1487 0.0000e+00 0.0000e+00 0.0000e+00 3.9187e+02 -1.1386e+02 3.2537e+00

1122 1485 0.0000e+00 0.0000e+00 0.0000e+00 1.5301e+02 5.4926e+01 -1.2415e+02  
1495 0.0000e+00 0.0000e+00 0.0000e+00 1.4991e+02 7.1496e+01 -1.3347e+02  
1496 0.0000e+00 0.0000e+00 0.0000e+00 1.0835e+02 -1.3991e+02 -1.1907e+02

	1486	0.0000e+00	0.0000e+00	0.0000e+00	1.7740e+02	-1.5459e+02	-1.0976e+02
1123	1484	0.0000e+00	0.0000e+00	0.0000e+00	1.8308e+02	2.5347e+02	-1.1353e+02
	1494	0.0000e+00	0.0000e+00	0.0000e+00	1.6986e+02	2.3703e+02	-1.1935e+02
	1495	0.0000e+00	0.0000e+00	0.0000e+00	1.6412e+02	1.2525e+02	-1.2738e+02
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.7809e+02	1.2624e+02	-1.2156e+02
1124	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.0790e+02	3.4298e+02	-8.0020e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	1.8783e+02	3.1436e+02	-9.0185e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	1.7636e+02	2.6175e+02	-1.1345e+02
	1484	0.0000e+00	0.0000e+00	0.0000e+00	2.0065e+02	2.8366e+02	-1.0329e+02
1125	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.3085e+02	3.6687e+02	-3.4516e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.0573e+02	3.3314e+02	-4.7883e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	1.9330e+02	3.2172e+02	-7.8407e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.1865e+02	3.5427e+02	-6.5040e+01
1126	1481	0.0000e+00	0.0000e+00	0.0000e+00	2.5600e+02	3.3941e+02	1.3801e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.2890e+02	3.0772e+02	-5.8246e+00
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.1168e+02	3.2794e+02	-3.6261e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.3707e+02	3.6234e+02	-1.6635e+01
1127	1480	0.0000e+00	0.0000e+00	0.0000e+00	2.8910e+02	2.6845e+02	5.6498e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	2.6165e+02	2.4530e+02	2.7389e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.3694e+02	2.9152e+02	3.0057e+00
	1481	0.0000e+00	0.0000e+00	0.0000e+00	2.6019e+02	3.2132e+02	3.2115e+01
1128	1479	0.0000e+00	0.0000e+00	0.0000e+00	3.3478e+02	1.5914e+02	8.4957e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	3.0613e+02	1.5168e+02	4.4375e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	2.7299e+02	2.1847e+02	3.1812e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	2.9315e+02	2.3828e+02	7.2394e+01
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	3.9239e+02	2.3442e+01	8.9854e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	3.6016e+02	3.6528e+01	4.0000e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	3.2083e+02	1.1566e+02	4.4193e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	3.3988e+02	1.1964e+02	9.4048e+01
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	4.4811e+02	-1.0779e+02	6.5840e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	4.1586e+02	-7.9744e+01	1.7287e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	3.7562e+02	-2.8615e+00	3.7553e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	3.9891e+02	-1.8821e+01	8.6105e+01
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	4.7957e+02	-1.8293e+02	1.8462e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	4.4421e+02	-1.5259e+02	-5.2339e+00
	1487	0.0000e+00	0.0000e+00	0.0000e+00	4.2552e+02	-1.1121e+02	2.2079e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	4.5461e+02	-1.4018e+02	4.5775e+01
1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.3894e+02	6.1124e+01	-9.1928e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.5686e+02	4.9342e+01	-9.9539e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	1.9283e+02	-1.5892e+02	-9.6475e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	8.8958e+01	-1.7735e+02	-8.8863e+01
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.5652e+02	2.7548e+02	-9.4654e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	1.8182e+02	2.5826e+02	-9.6066e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.6969e+02	1.2870e+02	-1.0501e+02
	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.6606e+02	1.3089e+02	-1.0360e+02
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.7651e+02	3.8808e+02	-6.0265e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.0036e+02	3.5422e+02	-6.7996e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	1.8989e+02	2.9341e+02	-9.2920e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.7273e+02	3.1367e+02	-8.5189e+01
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.9518e+02	4.2297e+02	-1.3042e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.1928e+02	3.8122e+02	-2.4653e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.0581e+02	3.6854e+02	-5.9474e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.8726e+02	4.0239e+02	-4.7863e+01
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	2.1417e+02	3.9787e+02	4.1205e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	2.4210e+02	3.5328e+02	2.4332e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.2414e+02	3.7846e+02	-1.4467e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	2.0104e+02	4.1811e+02	2.4070e+00
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	2.3836e+02	3.2099e+02	9.5820e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	2.7410e+02	2.7929e+02	7.0186e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	2.4816e+02	3.3644e+02	3.2724e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	2.1708e+02	3.7608e+02	5.8358e+01
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	2.7589e+02	1.9342e+02	1.4213e+02
	1479	0.0000e+00	0.0000e+00	0.0000e+00	3.2068e+02	1.6484e+02	1.0271e+02

	1480	0.0000e+00	0.0000e+00	0.0000e+00	2.8394e+02	2.4862e+02	7.3794e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	2.4003e+02	2.8283e+02	1.1321e+02
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	3.3296e+02	1.9731e+01	1.6292e+02
	1478	0.0000e+00	0.0000e+00	0.0000e+00	3.8276e+02	2.1606e+01	1.0790e+02
	1479	0.0000e+00	0.0000e+00	0.0000e+00	3.3707e+02	1.2046e+02	9.9626e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	2.7730e+02	1.4031e+02	1.5464e+02
1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	3.9784e+02	-1.6626e+02	1.3176e+02
	1477	0.0000e+00	0.0000e+00	0.0000e+00	4.4850e+02	-1.1932e+02	7.3443e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	4.0502e+02	-3.0390e+01	9.9305e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	3.3389e+02	-3.9603e+01	1.5762e+02
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	4.3348e+02	-2.7644e+02	3.5383e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	4.8329e+02	-2.0342e+02	7.0360e+00
	1477	0.0000e+00	0.0000e+00	0.0000e+00	4.6698e+02	-1.5929e+02	6.5290e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	3.9757e+02	-2.1277e+02	9.3637e+01
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	8.3828e+01	6.5742e+01	-6.6079e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.2188e+02	3.0461e+01	-7.0842e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	2.3930e+02	-1.6880e+02	-7.1440e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	-4.2366e+01	-2.0278e+02	-6.6677e+01
1143	1464	0.0000e+00	0.0000e+00	0.0000e+00	9.0570e+01	2.9615e+02	-8.3774e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.4348e+02	2.7966e+02	-7.8070e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.2862e+02	1.3034e+02	-8.7926e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	1.1594e+02	1.3525e+02	-9.3630e+01
1144	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.0682e+02	4.3107e+02	-4.6490e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.5498e+02	3.9572e+02	-4.9304e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.5096e+02	3.2196e+02	-7.6057e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	1.0566e+02	3.4470e+02	-7.3242e+01
1145	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.1872e+02	4.7769e+02	-2.1230e-01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.6811e+02	4.3402e+02	-6.2576e+00
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.5928e+02	4.1563e+02	-4.2482e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.1641e+02	4.5061e+02	-3.6437e+01
1146	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.2328e+02	4.5995e+02	5.3274e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.8153e+02	4.0834e+02	4.6398e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.7011e+02	4.3517e+02	4.1723e+00
	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.2203e+02	4.7524e+02	1.1049e+01
1147	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.2220e+02	3.8687e+02	1.1296e+02
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.9889e+02	3.2829e+02	1.0330e+02
	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.8186e+02	3.9541e+02	5.6683e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.2144e+02	4.3806e+02	6.6338e+01
1148	1459	0.0000e+00	0.0000e+00	0.0000e+00	1.2471e+02	2.5361e+02	1.7625e+02
	1469	0.0000e+00	0.0000e+00	0.0000e+00	2.2892e+02	1.9478e+02	1.5635e+02
	1470	0.0000e+00	0.0000e+00	0.0000e+00	2.0063e+02	3.0104e+02	1.0942e+02
	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.1634e+02	3.4413e+02	1.2932e+02
1149	1458	0.0000e+00	0.0000e+00	0.0000e+00	1.4927e+02	4.2292e+01	2.2663e+02
	1468	0.0000e+00	0.0000e+00	0.0000e+00	2.8329e+02	1.1072e+01	1.8418e+02
	1469	0.0000e+00	0.0000e+00	0.0000e+00	2.3888e+02	1.4863e+02	1.5276e+02
	1459	0.0000e+00	0.0000e+00	0.0000e+00	1.1549e+02	1.8564e+02	1.9521e+02
1150	1457	0.0000e+00	0.0000e+00	0.0000e+00	2.1752e+02	-2.4765e+02	2.1463e+02
	1467	0.0000e+00	0.0000e+00	0.0000e+00	3.5875e+02	-1.9069e+02	1.4417e+02
	1468	0.0000e+00	0.0000e+00	0.0000e+00	3.0958e+02	-5.6515e+01	1.6592e+02
	1458	0.0000e+00	0.0000e+00	0.0000e+00	1.3688e+02	-4.6781e+01	2.3638e+02
1151	1393	0.0000e+00	0.0000e+00	0.0000e+00	2.6022e+02	-4.6064e+02	5.9599e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	4.1226e+02	-3.2360e+02	1.7438e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	3.9395e+02	-2.5689e+02	1.1915e+02
	1457	0.0000e+00	0.0000e+00	0.0000e+00	2.0085e+02	-3.4071e+02	1.6132e+02
1152	1455	0.0000e+00	0.0000e+00	0.0000e+00	-1.2972e+01	5.9965e+01	-4.5929e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	5.1034e+01	7.3573e+00	-4.8692e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	2.5022e+02	-1.8672e+02	-4.4033e+01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-2.1725e+02	-2.4945e+02	-4.1270e+01
1153	1454	0.0000e+00	0.0000e+00	0.0000e+00	-9.7363e-01	3.1419e+02	-7.2760e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	6.9672e+01	3.0464e+02	-6.6948e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	4.7312e+01	1.2952e+02	-8.0191e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	3.2093e+01	1.4872e+02	-8.6003e+01
1154	1453	0.0000e+00	0.0000e+00	0.0000e+00	2.7301e+01	4.6870e+02	-3.1425e+01



	1463	0.0000e+00	0.0000e+00	0.0000e+00	7.7177e+01	4.3940e+02	-3.6789e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	7.8046e+01	3.5020e+02	-6.4597e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	1.6551e+01	3.8128e+02	-5.9233e+01
1155	1452	0.0000e+00	0.0000e+00	0.0000e+00	3.7532e+01	5.2151e+02	3.2263e+00
	1462	0.0000e+00	0.0000e+00	0.0000e+00	8.6208e+01	4.8702e+02	7.9491e-01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	8.2900e+01	4.6110e+02	-2.9508e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	3.6360e+01	4.9241e+02	-2.7077e+01
1156	1451	0.0000e+00	0.0000e+00	0.0000e+00	2.5976e+01	5.1089e+02	4.0691e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	8.4537e+01	4.6712e+02	4.7459e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	8.5440e+01	4.9117e+02	1.2797e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	3.7540e+01	5.2267e+02	6.0289e+00
1157	1450	0.0000e+00	0.0000e+00	0.0000e+00	-1.0602e+01	4.4815e+02	8.6079e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	7.1465e+01	3.9007e+02	1.0363e+02
	1461	0.0000e+00	0.0000e+00	0.0000e+00	7.6331e+01	4.6005e+02	6.1248e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	1.6855e+01	4.9399e+02	4.3701e+01
1158	1449	0.0000e+00	0.0000e+00	0.0000e+00	-7.2470e+01	3.2842e+02	1.4551e+02
	1459	0.0000e+00	0.0000e+00	0.0000e+00	5.4208e+01	2.4947e+02	1.7047e+02
	1460	0.0000e+00	0.0000e+00	0.0000e+00	5.6966e+01	3.7273e+02	1.1655e+02
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-2.9240e+01	4.1087e+02	9.1586e+01
1159	1448	0.0000e+00	0.0000e+00	0.0000e+00	-1.5297e+02	1.2396e+02	2.2297e+02
	1458	0.0000e+00	0.0000e+00	0.0000e+00	5.9612e+01	2.5462e+01	2.4013e+02
	1459	0.0000e+00	0.0000e+00	0.0000e+00	3.9386e+01	2.1515e+02	1.7489e+02
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-1.0113e+02	2.5832e+02	1.5773e+02
1160	1447	0.0000e+00	0.0000e+00	0.0000e+00	-1.5526e+02	-2.3945e+02	2.9046e+02
	1457	0.0000e+00	0.0000e+00	0.0000e+00	1.0404e+02	-2.8702e+02	2.5088e+02
	1458	0.0000e+00	0.0000e+00	0.0000e+00	6.8152e+01	-4.2638e+01	2.1869e+02
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-1.9229e+02	-2.0327e+01	2.5828e+02
1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	-1.5112e+02	-7.7802e+02	9.0473e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	2.0810e+02	-5.5280e+02	3.0686e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	1.8660e+02	-4.1814e+02	1.9662e+02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-2.3975e+02	-5.5322e+02	2.5640e+02
1162	782	0.0000e+00	0.0000e+00	0.0000e+00	-1.7734e+02	1.8898e+02	-3.3443e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-7.6567e+01	-2.7177e+01	-7.4250e+00
	1456	0.0000e+00	0.0000e+00	0.0000e+00	2.4084e+02	-2.2896e+02	-3.4377e+00
	22	0.0000e+00	0.0000e+00	0.0000e+00	-4.4682e+02	-4.5377e+02	-2.9456e+01
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	-7.1312e+01	3.5152e+02	-8.1589e+00
	1454	0.0000e+00	0.0000e+00	0.0000e+00	-4.1731e+01	3.4264e+02	-4.7529e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-6.9270e+01	1.2696e+02	-6.7657e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	-1.1630e+02	1.6178e+02	-2.8287e+01
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	-2.1763e+01	4.9014e+02	-3.3533e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	-3.2636e-01	4.7958e+02	-2.3488e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	-1.4600e+01	3.8006e+02	-3.5980e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	-4.4579e+01	3.9662e+02	-1.5845e+01
1165	779	0.0000e+00	0.0000e+00	0.0000e+00	-8.6229e+00	5.3990e+02	3.6053e-01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	1.3600e+01	5.2774e+02	-2.4138e+00
	1453	0.0000e+00	0.0000e+00	0.0000e+00	1.0642e+01	4.9735e+02	-1.3269e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.0776e+01	5.0877e+02	-1.0495e+01
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	-2.9244e+01	5.3019e+02	4.5430e+00
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-1.6354e+00	5.1395e+02	2.1728e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	1.1599e+01	5.3242e+02	9.5064e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.0822e+01	5.4271e+02	-7.6788e+00
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	-8.8604e+01	4.7104e+02	1.0738e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-4.9716e+01	4.4747e+02	5.2404e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-1.6802e+01	5.1001e+02	3.6295e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	-4.4765e+01	5.2142e+02	-5.3707e+00
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	-1.9940e+02	3.5650e+02	2.0735e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-1.3838e+02	3.1945e+02	9.4992e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-8.0542e+01	4.3832e+02	7.1558e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-1.2044e+02	4.5215e+02	-2.6984e+00
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	-3.9043e+02	1.5395e+02	3.7119e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-2.7640e+02	9.2515e+01	1.5724e+02
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-1.9039e+02	3.0842e+02	1.2066e+02
	776	0.0000e+00	0.0000e+00	0.0000e+00	-2.5517e+02	3.2642e+02	5.3782e-01

1170 774 0.0000e+00 0.0000e+00 0.0000e+00 -7.0759e+02 -2.3527e+02 6.8873e+01  
1447 0.0000e+00 0.0000e+00 0.0000e+00 -4.7465e+02 -3.4573e+02 2.5144e+02  
1448 0.0000e+00 0.0000e+00 0.0000e+00 -3.6075e+02 8.4731e+01 1.8973e+02  
775 0.0000e+00 0.0000e+00 0.0000e+00 -4.8519e+02 1.0826e+02 7.1686e+00

1171 21 0.0000e+00 0.0000e+00 0.0000e+00 -1.6951e+03 -1.6097e+03 -2.8885e+01  
1382 0.0000e+00 0.0000e+00 0.0000e+00 1.6216e+01 -9.8328e+02 9.9673e+01  
1447 0.0000e+00 0.0000e+00 0.0000e+00 -5.1561e+02 -5.8402e+02 1.5923e+02  
774 0.0000e+00 0.0000e+00 0.0000e+00 -9.2644e+02 -8.6963e+01 3.0668e+01

1172 1436 0.0000e+00 0.0000e+00 0.0000e+00 1.4376e+02 -1.3404e+02 -2.5998e+01  
1446 0.0000e+00 0.0000e+00 0.0000e+00 -4.0364e+01 1.2660e+02 -6.8200e+00  
32 0.0000e+00 0.0000e+00 0.0000e+00 -1.4727e+02 -3.8409e+02 2.5251e+01  
1437 0.0000e+00 0.0000e+00 0.0000e+00 2.8952e+02 -1.8677e+02 6.0723e+00

1173 1435 0.0000e+00 0.0000e+00 0.0000e+00 1.3536e+02 -2.1910e+01 -2.8836e+01  
1445 0.0000e+00 0.0000e+00 0.0000e+00 -2.8488e+01 1.6553e+02 -1.2670e+01  
1446 0.0000e+00 0.0000e+00 0.0000e+00 -5.6670e+01 -2.2299e+02 9.2681e+00  
1436 0.0000e+00 0.0000e+00 0.0000e+00 1.9630e+02 -7.8862e+01 -6.8984e+00

1174 1434 0.0000e+00 0.0000e+00 0.0000e+00 1.2549e+02 5.5367e+01 -3.9114e+01  
1444 0.0000e+00 0.0000e+00 0.0000e+00 -3.6168e+01 1.8943e+02 -1.8846e+01  
1445 0.0000e+00 0.0000e+00 0.0000e+00 -4.6442e+01 -8.8493e+01 -2.3396e+00  
1435 0.0000e+00 0.0000e+00 0.0000e+00 1.7683e+02 1.2989e+01 -2.2608e+01

1175 1433 0.0000e+00 0.0000e+00 0.0000e+00 1.1666e+02 1.0922e+02 -3.8014e+01  
1443 0.0000e+00 0.0000e+00 0.0000e+00 -5.1330e+01 1.9182e+02 -2.0891e+01  
1444 0.0000e+00 0.0000e+00 0.0000e+00 -5.2268e+01 1.9614e+01 -1.0655e+01  
1434 0.0000e+00 0.0000e+00 0.0000e+00 1.5230e+02 8.2014e+01 -2.7778e+01

1176 1432 0.0000e+00 0.0000e+00 0.0000e+00 1.1526e+02 1.3556e+02 -2.8001e+01  
1442 0.0000e+00 0.0000e+00 0.0000e+00 -6.3895e+01 1.6995e+02 -1.9442e+01  
1443 0.0000e+00 0.0000e+00 0.0000e+00 -6.1683e+01 1.0209e+02 -1.3494e+01  
1433 0.0000e+00 0.0000e+00 0.0000e+00 1.3039e+02 1.2474e+02 -2.2053e+01

1177 1431 0.0000e+00 0.0000e+00 0.0000e+00 1.2430e+02 1.3230e+02 -1.4882e+01  
1441 0.0000e+00 0.0000e+00 0.0000e+00 -6.9353e+01 1.2106e+02 -1.7097e+01  
1442 0.0000e+00 0.0000e+00 0.0000e+00 -6.6251e+01 1.5950e+02 -1.2062e+01  
1432 0.0000e+00 0.0000e+00 0.0000e+00 1.1671e+02 1.3833e+02 -9.8477e+00

1178 1430 0.0000e+00 0.0000e+00 0.0000e+00 1.4287e+02 9.8738e+01 -4.8779e+00  
1440 0.0000e+00 0.0000e+00 0.0000e+00 -6.9114e+01 4.3030e+01 -1.6691e+01  
1441 0.0000e+00 0.0000e+00 0.0000e+00 -6.3379e+01 1.9232e+02 -9.2074e+00  
1431 0.0000e+00 0.0000e+00 0.0000e+00 1.1320e+02 1.2184e+02 2.6054e+00

1179 1429 0.0000e+00 0.0000e+00 0.0000e+00 1.6664e+02 3.5770e+01 -2.4154e+00  
1439 0.0000e+00 0.0000e+00 0.0000e+00 -7.0020e+01 -6.6322e+01 -1.9693e+01  
1440 0.0000e+00 0.0000e+00 0.0000e+00 -5.6288e+01 2.0152e+02 -7.6644e+00  
1430 0.0000e+00 0.0000e+00 0.0000e+00 1.1789e+02 7.5686e+01 9.6135e+00

1180 1428 0.0000e+00 0.0000e+00 0.0000e+00 1.8891e+02 -5.5845e+01 -7.9990e+00  
1438 0.0000e+00 0.0000e+00 0.0000e+00 -8.2474e+01 -2.0944e+02 -2.4855e+01  
1439 0.0000e+00 0.0000e+00 0.0000e+00 -5.3243e+01 1.8798e+02 -8.4323e+00  
1429 0.0000e+00 0.0000e+00 0.0000e+00 1.2553e+02 1.9685e+00 8.4237e+00

1181 1427 0.0000e+00 0.0000e+00 0.0000e+00 2.8655e+02 -1.7543e+02 -1.2677e+01  
31 0.0000e+00 0.0000e+00 0.0000e+00 -1.7069e+02 -3.8889e+02 -3.5646e+01  
1438 0.0000e+00 0.0000e+00 0.0000e+00 -6.4334e+01 1.5643e+02 -7.4774e+00  
1428 0.0000e+00 0.0000e+00 0.0000e+00 1.3365e+02 -1.1263e+02 1.5491e+01

1182 1425 0.0000e+00 0.0000e+00 0.0000e+00 3.9705e+02 -1.3555e+02 -7.4204e+00  
1436 0.0000e+00 0.0000e+00 0.0000e+00 2.5520e+02 -1.3111e+02 8.8510e+00  
1437 0.0000e+00 0.0000e+00 0.0000e+00 2.7620e+02 -1.5910e+02 1.3217e+01  
1426 0.0000e+00 0.0000e+00 0.0000e+00 4.0902e+02 -1.6329e+02 -3.0545e+00

1183 1424 0.0000e+00 0.0000e+00 0.0000e+00 3.5007e+02 -3.5266e+01 -3.5700e+01  
1435 0.0000e+00 0.0000e+00 0.0000e+00 2.3498e+02 -3.3298e+01 -7.9541e+00  
1436 0.0000e+00 0.0000e+00 0.0000e+00 2.6298e+02 -5.4114e+01 1.7788e+01  
1425 0.0000e+00 0.0000e+00 0.0000e+00 3.7829e+02 -1.0296e+02 -9.9573e+00

1184 1423 0.0000e+00 0.0000e+00 0.0000e+00 3.0873e+02 5.6249e+01 -5.0589e+01  
1434 0.0000e+00 0.0000e+00 0.0000e+00 2.1017e+02 5.2985e+01 -2.4630e+01  
1435 0.0000e+00 0.0000e+00 0.0000e+00 2.3055e+02 3.1538e+01 -6.9267e+00  
1424 0.0000e+00 0.0000e+00 0.0000e+00 3.4095e+02 -6.6718e+00 -3.2886e+01

1185 1422 0.0000e+00 0.0000e+00 0.0000e+00 2.8137e+02 1.2258e+02 -4.5888e+01  
1433 0.0000e+00 0.0000e+00 0.0000e+00 1.8919e+02 1.1494e+02 -2.7522e+01  
1434 0.0000e+00 0.0000e+00 0.0000e+00 2.0412e+02 9.8412e+01 -2.1765e+01

	1423	0.0000e+00	0.0000e+00	0.0000e+00	3.0365e+02	7.9406e+01	-4.0131e+01
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	2.7093e+02	1.5402e+02	-2.8352e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	1.7900e+02	1.4750e+02	-2.1251e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	1.8525e+02	1.3934e+02	-2.2889e+01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	2.7908e+02	1.3606e+02	-2.9990e+01
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	2.7841e+02	1.4760e+02	-7.5021e+00
	1431	0.0000e+00	0.0000e+00	0.0000e+00	1.8247e+02	1.4848e+02	-1.2857e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	1.7861e+02	1.4992e+02	-1.5556e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	2.7142e+02	1.5613e+02	-1.0202e+01
1188	1419	0.0000e+00	0.0000e+00	0.0000e+00	3.0301e+02	1.0358e+02	7.3783e+00
	1430	0.0000e+00	0.0000e+00	0.0000e+00	1.9893e+02	1.1800e+02	-9.6672e+00
	1431	0.0000e+00	0.0000e+00	0.0000e+00	1.8562e+02	1.2845e+02	-7.2556e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	2.8177e+02	1.3811e+02	9.7899e+00
1189	1418	0.0000e+00	0.0000e+00	0.0000e+00	3.4142e+02	2.6820e+01	8.9990e+00
	1429	0.0000e+00	0.0000e+00	0.0000e+00	2.2466e+02	5.8418e+01	-1.6831e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	2.0431e+02	7.5394e+01	-4.9408e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	3.0942e+02	8.3522e+01	2.0889e+01
1190	1417	0.0000e+00	0.0000e+00	0.0000e+00	3.8311e+02	-6.8043e+01	-1.4080e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	2.5937e+02	-2.6084e+01	-3.1637e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	2.2907e+02	-6.5768e+00	-1.3381e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	3.5216e+02	-6.5516e-01	1.6848e+01
1191	1416	0.0000e+00	0.0000e+00	0.0000e+00	4.2436e+02	-1.4248e+02	5.6049e+00
	1427	0.0000e+00	0.0000e+00	0.0000e+00	2.8276e+02	-1.4133e+02	-1.9012e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	2.5328e+02	-1.0913e+02	-2.1425e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	4.0396e+02	-1.0322e+02	3.1919e+00
1192	1414	0.0000e+00	0.0000e+00	0.0000e+00	4.5664e+02	-1.6467e+02	-4.3168e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	4.2867e+02	-1.3586e+02	-2.4211e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	4.4695e+02	-1.6040e+02	6.4062e+00
	1415	0.0000e+00	0.0000e+00	0.0000e+00	4.7678e+02	-1.9204e+02	-1.2551e+01
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	3.9853e+02	-5.6707e+01	-8.7363e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	3.8277e+02	-4.0969e+01	-4.4089e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	4.1841e+02	-1.0279e+02	-2.1816e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	4.5058e+02	-1.3101e+02	-6.5090e+01
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	3.4444e+02	6.0926e+01	-9.2648e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	3.3528e+02	5.6627e+01	-5.2781e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	3.6681e+02	-3.2945e+00	-4.9259e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	3.9370e+02	-1.4547e+01	-8.9126e+01
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	3.1086e+02	1.4665e+02	-6.8189e+01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	3.0168e+02	1.2939e+02	-4.2686e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	3.2257e+02	8.6669e+01	-5.5497e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	3.4164e+02	9.4696e+01	-8.1000e+01
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.9991e+02	1.8714e+02	-2.8896e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	2.8804e+02	1.6453e+02	-2.0369e+01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	2.9523e+02	1.4580e+02	-4.1817e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	3.1000e+02	1.6553e+02	-5.0344e+01
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	3.1084e+02	1.8015e+02	1.3387e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	2.9536e+02	1.5889e+02	4.9518e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	2.8811e+02	1.6623e+02	-1.7641e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	3.0100e+02	1.8958e+02	-9.2054e+00
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	3.4374e+02	1.2607e+02	4.8812e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	3.2297e+02	1.1344e+02	2.3613e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	3.0179e+02	1.4591e+02	7.0038e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	3.1386e+02	1.6607e+02	3.2203e+01
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	3.9653e+02	3.1337e+01	6.6734e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	3.6803e+02	3.3830e+01	2.6997e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	3.3535e+02	8.6594e+01	2.3209e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	3.4868e+02	9.6564e+01	6.2946e+01
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	4.5563e+02	-7.8441e+01	5.9112e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	4.2294e+02	-6.3411e+01	1.4005e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	3.8366e+02	-2.0071e+00	2.4881e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	4.0351e+02	-8.4471e+00	6.9989e+01
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	4.9123e+02	-1.5065e+02	2.9658e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	4.6052e+02	-1.3523e+02	3.1149e+00

	1417	0.0000e+00	0.0000e+00	0.0000e+00	4.3397e+02	-9.8143e+01	1.9242e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	4.6400e+02	-1.1456e+02	4.5784e+01
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	3.9468e+02	-2.3593e+02	-8.9494e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	4.6714e+02	-1.8665e+02	-6.3049e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	4.8738e+02	-2.1183e+02	-8.7300e-01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	4.2802e+02	-2.8529e+02	-2.7318e+01
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	3.2536e+02	-7.1496e+01	-1.5294e+02
	1413	0.0000e+00	0.0000e+00	0.0000e+00	4.0277e+02	-6.7897e+01	-9.7284e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	4.4342e+02	-1.4207e+02	-7.4604e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	3.9748e+02	-1.8324e+02	-1.3026e+02
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	2.7236e+02	8.6833e+01	-1.3915e+02
	1412	0.0000e+00	0.0000e+00	0.0000e+00	3.3904e+02	6.2299e+01	-9.3304e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	3.7849e+02	-1.5605e+01	-1.0793e+02
	1402	0.0000e+00	0.0000e+00	0.0000e+00	3.2580e+02	-1.1264e+01	-1.5377e+02
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	2.4561e+02	1.9253e+02	-8.8830e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	2.9952e+02	1.5598e+02	-6.3427e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	3.2441e+02	1.0064e+02	-9.7543e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	2.7219e+02	1.3142e+02	-1.2295e+02
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	2.3906e+02	2.4015e+02	-2.7763e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.8602e+02	1.9919e+02	-2.0473e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	2.9382e+02	1.7564e+02	-6.1575e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	2.4603e+02	2.1582e+02	-6.8865e+01
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.4872e+02	2.3268e+02	3.4409e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	2.9550e+02	1.9148e+02	2.5900e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.8659e+02	2.0138e+02	-1.5999e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	2.4040e+02	2.4289e+02	-7.4896e+00
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	2.7725e+02	1.6876e+02	9.1753e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	3.2754e+02	1.3422e+02	6.6146e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	3.0199e+02	1.7643e+02	2.9064e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.5092e+02	2.1508e+02	5.4671e+01
1209	1396	0.0000e+00	0.0000e+00	0.0000e+00	3.3021e+02	4.7083e+01	1.3077e+02
	1407	0.0000e+00	0.0000e+00	0.0000e+00	3.8178e+02	3.3730e+01	8.6273e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	3.4192e+02	1.0092e+02	6.4684e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	2.7990e+02	1.3018e+02	1.0919e+02
1210	1395	0.0000e+00	0.0000e+00	0.0000e+00	3.9904e+02	-1.0861e+02	1.2478e+02
	1406	0.0000e+00	0.0000e+00	0.0000e+00	4.4722e+02	-8.4517e+01	7.0699e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	4.0454e+02	-1.4015e+01	7.9801e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	3.3213e+02	-7.8934e+00	1.3388e+02
1211	1394	0.0000e+00	0.0000e+00	0.0000e+00	4.3260e+02	-2.1353e+02	5.2299e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	4.9481e+02	-1.6437e+02	2.2859e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	4.6924e+02	-1.2805e+02	6.4200e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	3.9851e+02	-1.6050e+02	9.3640e+01
1212	1392	0.0000e+00	0.0000e+00	0.0000e+00	1.9117e+02	-3.5609e+02	-1.5949e+02
	1403	0.0000e+00	0.0000e+00	0.0000e+00	3.9045e+02	-2.8313e+02	-1.1595e+02
	1404	0.0000e+00	0.0000e+00	0.0000e+00	4.1811e+02	-3.3199e+02	-1.0616e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	2.5174e+02	-4.6696e+02	-5.4155e+01
1213	1391	0.0000e+00	0.0000e+00	0.0000e+00	1.2577e+02	-6.2163e+01	-2.2440e+02
	1402	0.0000e+00	0.0000e+00	0.0000e+00	2.9803e+02	-8.3852e+01	-1.5743e+02
	1403	0.0000e+00	0.0000e+00	0.0000e+00	3.4451e+02	-2.0631e+02	-1.4638e+02
	1392	0.0000e+00	0.0000e+00	0.0000e+00	2.1498e+02	-2.4982e+02	-2.1335e+02
1214	1390	0.0000e+00	0.0000e+00	0.0000e+00	1.0982e+02	1.4076e+02	-1.6713e+02
	1401	0.0000e+00	0.0000e+00	0.0000e+00	2.3290e+02	9.6987e+01	-1.3404e+02
	1402	0.0000e+00	0.0000e+00	0.0000e+00	2.7109e+02	-1.7513e+01	-1.7544e+02
	1391	0.0000e+00	0.0000e+00	0.0000e+00	1.3869e+02	2.0458e+01	-2.0854e+02
1215	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.1518e+02	2.5714e+02	-9.3012e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	2.0629e+02	2.0889e+02	-8.2233e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	2.2523e+02	1.3552e+02	-1.3580e+02
	1390	0.0000e+00	0.0000e+00	0.0000e+00	1.1807e+02	1.9300e+02	-1.4658e+02
1216	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.2253e+02	3.0602e+02	-2.2327e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	2.0172e+02	2.5535e+02	-2.1355e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	2.0625e+02	2.2624e+02	-7.5075e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.1997e+02	2.8161e+02	-7.6048e+01
1217	1387	0.0000e+00	0.0000e+00	0.0000e+00	1.2574e+02	2.9930e+02	4.6683e+01

	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.0992e+02	2.4425e+02	4.2482e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	2.0293e+02	2.5754e+02	-1.1379e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.2421e+02	3.0882e+02	-7.1778e+00
1218	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.2943e+02	2.3313e+02	1.1780e+02
	1397	0.0000e+00	0.0000e+00	0.0000e+00	2.3216e+02	1.7483e+02	1.0526e+02
	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.1196e+02	2.3170e+02	5.0776e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	1.2421e+02	2.8094e+02	6.3316e+01
1219	1385	0.0000e+00	0.0000e+00	0.0000e+00	1.5078e+02	8.7433e+01	1.8312e+02
	1396	0.0000e+00	0.0000e+00	0.0000e+00	2.7758e+02	4.4154e+01	1.5161e+02
	1397	0.0000e+00	0.0000e+00	0.0000e+00	2.4029e+02	1.4239e+02	1.0633e+02
	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.2422e+02	1.8848e+02	1.3784e+02
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	2.1873e+02	-1.5216e+02	2.0074e+02
	1395	0.0000e+00	0.0000e+00	0.0000e+00	3.4660e+02	-1.2621e+02	1.4012e+02
	1396	0.0000e+00	0.0000e+00	0.0000e+00	3.0192e+02	-1.4374e+01	1.3897e+02
	1385	0.0000e+00	0.0000e+00	0.0000e+00	1.4058e+02	1.3848e+01	1.9959e+02
1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	2.4946e+02	-3.5533e+02	7.6580e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	4.1346e+02	-2.5221e+02	3.7822e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	3.8674e+02	-1.9606e+02	1.1740e+02
	1384	0.0000e+00	0.0000e+00	0.0000e+00	1.9766e+02	-2.5003e+02	1.5616e+02
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	-2.5316e+02	-5.2826e+02	-2.5555e+02
	1392	0.0000e+00	0.0000e+00	0.0000e+00	1.7434e+02	-4.3364e+02	-1.8995e+02
	1393	0.0000e+00	0.0000e+00	0.0000e+00	2.1301e+02	-5.5673e+02	-3.1390e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-1.5890e+02	-7.7511e+02	-9.6992e+01
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	-1.8541e+02	-1.5539e+01	-2.3077e+02
	1391	0.0000e+00	0.0000e+00	0.0000e+00	5.3951e+01	-4.9619e+01	-2.0348e+02
	1392	0.0000e+00	0.0000e+00	0.0000e+00	8.0578e+01	-2.8660e+02	-2.5193e+02
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.5674e+02	-2.2505e+02	-2.7922e+02
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	-9.2557e+01	2.1631e+02	-1.2759e+02
	1390	0.0000e+00	0.0000e+00	0.0000e+00	3.9211e+01	1.6858e+02	-1.4924e+02
	1391	0.0000e+00	0.0000e+00	0.0000e+00	5.1654e+01	8.2946e+00	-2.1896e+02
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-1.4888e+02	9.8191e+01	-1.9731e+02
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	-2.8433e+01	3.2307e+02	-6.1824e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	6.0498e+01	2.8037e+02	-8.4340e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	5.5054e+01	1.9392e+02	-1.4068e+02
	1379	0.0000e+00	0.0000e+00	0.0000e+00	-6.8614e+01	2.6242e+02	-1.1816e+02
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	4.4697e-01	3.6489e+02	-1.0787e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	7.6594e+01	3.2211e+02	-2.1210e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	7.1707e+01	2.9035e+02	-6.8919e+01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	-1.5789e+01	3.4175e+02	-5.8495e+01
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	-6.2673e+00	3.5922e+02	3.8292e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	7.8612e+01	3.0911e+02	4.2647e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	7.8581e+01	3.2401e+02	-4.6782e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	2.5867e+00	3.6732e+02	-9.0325e+00
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	-4.7714e+01	3.0192e+02	9.6503e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	6.9432e+01	2.3575e+02	1.1372e+02
	1387	0.0000e+00	0.0000e+00	0.0000e+00	7.1219e+01	3.0324e+02	5.8546e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-1.4611e+01	3.4599e+02	4.1328e+01
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.1824e+02	1.6536e+02	1.7313e+02
	1385	0.0000e+00	0.0000e+00	0.0000e+00	6.8795e+01	7.8425e+01	1.9218e+02
	1386	0.0000e+00	0.0000e+00	0.0000e+00	5.6514e+01	2.1582e+02	1.2403e+02
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-6.7348e+01	2.6342e+02	1.0497e+02
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.3036e+02	-1.1807e+02	2.5457e+02
	1384	0.0000e+00	0.0000e+00	0.0000e+00	9.3037e+01	-1.8296e+02	2.3333e+02
	1385	0.0000e+00	0.0000e+00	0.0000e+00	7.0227e+01	2.8925e+01	1.8186e+02
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.5060e+02	6.5627e+01	2.0311e+02
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.4260e+02	-6.1502e+02	1.0451e+02
	1383	0.0000e+00	0.0000e+00	0.0000e+00	2.0395e+02	-4.3344e+02	5.2368e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	1.7388e+02	-3.1334e+02	1.8256e+02
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-2.1819e+02	-3.8876e+02	2.3470e+02
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	-8.6166e+02	-3.3548e+01	-1.0587e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-5.3050e+02	-5.4415e+02	-1.4801e+02
	1382	0.0000e+00	0.0000e+00	0.0000e+00	1.6874e+01	-9.8285e+02	-1.1239e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	-1.6875e+03	-1.5638e+03	2.5037e+01

1233 673 0.0000e+00 0.0000e+00 0.0000e+00 -4.4606e+02 9.7588e+01 -8.2932e-01  
1380 0.0000e+00 0.0000e+00 0.0000e+00 -3.2747e+02 7.5294e+01 -1.7544e+02  
1381 0.0000e+00 0.0000e+00 0.0000e+00 -4.6823e+02 -3.1358e+02 -2.3014e+02  
674 0.0000e+00 0.0000e+00 0.0000e+00 -6.5912e+02 -2.2790e+02 -5.5525e+01

1234 672 0.0000e+00 0.0000e+00 0.0000e+00 -2.2717e+02 2.7392e+02 3.0045e+00  
1379 0.0000e+00 0.0000e+00 0.0000e+00 -1.6576e+02 2.5438e+02 -1.0183e+02  
1380 0.0000e+00 0.0000e+00 0.0000e+00 -2.4747e+02 7.7722e+01 -1.3762e+02  
673 0.0000e+00 0.0000e+00 0.0000e+00 -3.5788e+02 1.2883e+02 -3.2786e+01

1235 671 0.0000e+00 0.0000e+00 0.0000e+00 -1.1467e+02 3.5707e+02 3.3367e+00  
1378 0.0000e+00 0.0000e+00 0.0000e+00 -7.2302e+01 3.4232e+02 -5.3441e+01  
1379 0.0000e+00 0.0000e+00 0.0000e+00 -1.2066e+02 2.5937e+02 -7.5779e+01  
672 0.0000e+00 0.0000e+00 0.0000e+00 -1.8136e+02 2.8871e+02 -1.9002e+01

1236 670 0.0000e+00 0.0000e+00 0.0000e+00 -7.0283e+01 3.8934e+02 3.8043e+00  
1377 0.0000e+00 0.0000e+00 0.0000e+00 -3.2935e+01 3.7500e+02 -1.6608e+01  
1378 0.0000e+00 0.0000e+00 0.0000e+00 -5.0947e+01 3.4565e+02 -3.3321e+01  
671 0.0000e+00 0.0000e+00 0.0000e+00 -9.3631e+01 3.6430e+02 -1.2909e+01

1237 669 0.0000e+00 0.0000e+00 0.0000e+00 -8.2279e+01 3.8182e+02 5.7134e+00  
1376 0.0000e+00 0.0000e+00 0.0000e+00 -4.0557e+01 3.6379e+02 1.7881e+01  
1377 0.0000e+00 0.0000e+00 0.0000e+00 -3.0418e+01 3.7670e+02 1.3844e+00  
670 0.0000e+00 0.0000e+00 0.0000e+00 -6.7762e+01 3.9123e+02 -1.0784e+01

1238 668 0.0000e+00 0.0000e+00 0.0000e+00 -1.5473e+02 3.2790e+02 1.1353e+01  
1375 0.0000e+00 0.0000e+00 0.0000e+00 -9.6805e+01 3.0005e+02 5.9178e+01  
1376 0.0000e+00 0.0000e+00 0.0000e+00 -5.6624e+01 3.6392e+02 3.7646e+01  
669 0.0000e+00 0.0000e+00 0.0000e+00 -9.8002e+01 3.7858e+02 -1.0178e+01

1239 667 0.0000e+00 0.0000e+00 0.0000e+00 -3.1178e+02 1.9571e+02 2.4101e+01  
1374 0.0000e+00 0.0000e+00 0.0000e+00 -2.0907e+02 1.4797e+02 1.1830e+02  
1375 0.0000e+00 0.0000e+00 0.0000e+00 -1.3577e+02 2.9860e+02 8.4458e+01  
668 0.0000e+00 0.0000e+00 0.0000e+00 -1.9420e+02 3.1766e+02 -9.7398e+00

1240 666 0.0000e+00 0.0000e+00 0.0000e+00 -5.8658e+02 -1.1653e+02 4.5132e+01  
1373 0.0000e+00 0.0000e+00 0.0000e+00 -4.1176e+02 -1.9596e+02 2.0605e+02  
1374 0.0000e+00 0.0000e+00 0.0000e+00 -2.8126e+02 1.4858e+02 1.5474e+02  
667 0.0000e+00 0.0000e+00 0.0000e+00 -3.9102e+02 1.7043e+02 -6.1732e+00

1241 20 0.0000e+00 0.0000e+00 0.0000e+00 -1.5229e+03 -1.3058e+03 -2.3778e+01  
1372 0.0000e+00 0.0000e+00 0.0000e+00 5.9756e+00 -7.9937e+02 1.1179e+02  
1373 0.0000e+00 0.0000e+00 0.0000e+00 -4.7197e+02 -3.9852e+02 1.3711e+02  
666 0.0000e+00 0.0000e+00 0.0000e+00 -7.7023e+02 5.7898e+01 1.5470e+00

1242 1361 0.0000e+00 0.0000e+00 0.0000e+00 1.3337e+02 -1.0569e+02 -2.0966e+01  
1371 0.0000e+00 0.0000e+00 0.0000e+00 -6.3441e+01 1.6593e+02 1.4221e+00  
30 0.0000e+00 0.0000e+00 0.0000e+00 -1.7146e+02 -3.8431e+02 3.0287e+01  
1362 0.0000e+00 0.0000e+00 0.0000e+00 2.8675e+02 -1.6966e+02 7.8991e+00

1243 1360 0.0000e+00 0.0000e+00 0.0000e+00 1.2603e+02 9.9095e+00 -1.4730e+01  
1370 0.0000e+00 0.0000e+00 0.0000e+00 -5.2069e+01 1.9842e+02 2.0210e+00  
1371 0.0000e+00 0.0000e+00 0.0000e+00 -8.1616e+01 -2.0370e+02 1.8899e+01  
1361 0.0000e+00 0.0000e+00 0.0000e+00 1.8952e+02 -4.8509e+01 2.1485e+00

1244 1359 0.0000e+00 0.0000e+00 0.0000e+00 1.1866e+02 8.4612e+01 -1.6828e+01  
1369 0.0000e+00 0.0000e+00 0.0000e+00 -5.5475e+01 2.1290e+02 7.1980e-01  
1370 0.0000e+00 0.0000e+00 0.0000e+00 -6.9070e+01 -5.9358e+01 1.3250e+01  
1360 0.0000e+00 0.0000e+00 0.0000e+00 1.6782e+02 4.4201e+01 -4.2983e+00

1245 1358 0.0000e+00 0.0000e+00 0.0000e+00 1.1380e+02 1.3182e+02 -1.0667e+01  
1368 0.0000e+00 0.0000e+00 0.0000e+00 -6.3694e+01 2.0423e+02 1.8121e+00  
1369 0.0000e+00 0.0000e+00 0.0000e+00 -6.8723e+01 5.1542e+01 9.7544e+00  
1359 0.0000e+00 0.0000e+00 0.0000e+00 1.4412e+02 1.0827e+02 -2.7245e+00

1246 1357 0.0000e+00 0.0000e+00 0.0000e+00 1.1675e+02 1.4925e+02 1.2678e+00  
1367 0.0000e+00 0.0000e+00 0.0000e+00 -6.8552e+01 1.7112e+02 4.5248e+00  
1368 0.0000e+00 0.0000e+00 0.0000e+00 -7.0287e+01 1.3146e+02 9.7994e+00  
1358 0.0000e+00 0.0000e+00 0.0000e+00 1.2508e+02 1.4291e+02 6.5424e+00

1247 1356 0.0000e+00 0.0000e+00 0.0000e+00 1.2962e+02 1.3619e+02 1.3673e+01  
1366 0.0000e+00 0.0000e+00 0.0000e+00 -6.6732e+01 1.1205e+02 6.3727e+00  
1367 0.0000e+00 0.0000e+00 0.0000e+00 -6.6942e+01 1.8247e+02 1.2122e+01  
1357 0.0000e+00 0.0000e+00 0.0000e+00 1.1504e+02 1.4699e+02 1.9422e+01

1248 1355 0.0000e+00 0.0000e+00 0.0000e+00 1.5083e+02 9.3035e+01 2.0738e+01  
1365 0.0000e+00 0.0000e+00 0.0000e+00 -6.0414e+01 2.5879e+01 4.7178e+00  
1366 0.0000e+00 0.0000e+00 0.0000e+00 -5.7069e+01 2.0646e+02 1.4106e+01

	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.1502e+02	1.2077e+02	3.0126e+01
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.7535e+02	2.1800e+01	1.8318e+01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-5.7243e+01	-8.8711e+01	-1.6013e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-4.4614e+01	2.0570e+02	1.3327e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.2236e+02	6.5721e+01	3.3247e+01
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	1.9587e+02	-7.5433e+01	6.4334e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-6.8591e+01	-2.3325e+02	-1.0766e+01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-3.8720e+01	1.8223e+02	9.1639e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.3115e+02	-1.4931e+01	2.6364e+01
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	2.9233e+02	-1.9680e+02	-4.4586e+00
	29	0.0000e+00	0.0000e+00	0.0000e+00	-1.6075e+02	-4.0885e+02	-2.5813e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-5.0354e+01	1.4158e+02	6.1737e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	1.3866e+02	-1.3362e+02	2.7528e+01
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	4.0420e+02	-9.7101e+01	-7.7671e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	2.5350e+02	-1.0268e+02	1.6550e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	2.8284e+02	-1.3556e+02	1.4566e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	4.2413e+02	-1.3722e+02	-9.7510e+00
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	3.5318e+02	6.4099e+00	-2.2256e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	2.2999e+02	1.0615e+00	7.4744e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	2.5994e+02	-1.8966e+01	2.6418e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	3.8347e+02	-6.1710e+01	-3.3127e+00
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	3.1130e+02	9.1491e+01	-2.7456e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	2.0573e+02	8.4152e+01	-2.0435e+00
	1360	0.0000e+00	0.0000e+00	0.0000e+00	2.2587e+02	6.6506e+01	1.0677e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	3.4265e+02	3.4057e+01	-1.4735e+01
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	2.8433e+02	1.4724e+02	-1.7643e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	1.8721e+02	1.3845e+02	-8.0965e-01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	2.0053e+02	1.2712e+02	2.4855e+00
	1348	0.0000e+00	0.0000e+00	0.0000e+00	3.0513e+02	1.1183e+02	-1.4348e+01
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	2.7440e+02	1.6669e+02	1.2979e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	1.7998e+02	1.6121e+02	6.6815e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	1.8405e+02	1.5869e+02	4.6913e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	2.8125e+02	1.5715e+02	-6.9232e-01
1257	1345	0.0000e+00	0.0000e+00	0.0000e+00	2.8223e+02	1.4807e+02	2.0771e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.8609e+02	1.5165e+02	1.3899e+01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	1.8013e+02	1.5866e+02	1.2468e+01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	2.7427e+02	1.6507e+02	1.9340e+01
1258	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.0684e+02	9.2366e+01	3.1927e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	2.0437e+02	1.1091e+02	1.3827e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.8956e+02	1.2650e+02	1.8912e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	2.8498e+02	1.3501e+02	3.7012e+01
1259	1343	0.0000e+00	0.0000e+00	0.0000e+00	3.4447e+02	5.5864e+00	2.7548e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	2.3058e+02	4.2489e+01	1.5157e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	2.0979e+02	6.3722e+01	1.7407e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.1250e+02	6.9254e+01	4.3440e+01
1260	1342	0.0000e+00	0.0000e+00	0.0000e+00	3.8348e+02	-9.5286e+01	9.3551e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	2.6402e+02	-4.7951e+01	-1.9588e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	2.3453e+02	-2.5780e+01	3.4394e+00
	1343	0.0000e+00	0.0000e+00	0.0000e+00	3.5432e+02	-2.3901e+01	3.2382e+01
1261	1341	0.0000e+00	0.0000e+00	0.0000e+00	4.1877e+02	-1.6629e+02	9.8602e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	2.8323e+02	-1.6519e+02	-1.0913e+01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	2.5621e+02	-1.3143e+02	-1.0626e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.0370e+02	-1.3090e+02	1.0147e+01
1262	1339	0.0000e+00	0.0000e+00	0.0000e+00	4.6435e+02	-1.0891e+02	-4.9590e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	4.3418e+02	-9.2130e+01	-2.3491e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	4.6041e+02	-1.3013e+02	-7.2022e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	4.9100e+02	-1.4550e+02	-3.3301e+01
1263	1338	0.0000e+00	0.0000e+00	0.0000e+00	4.0497e+02	-2.3778e+00	-7.4360e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	3.8482e+02	4.8541e+00	-2.9967e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	4.2357e+02	-5.7382e+01	-1.8524e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	4.5618e+02	-7.2740e+01	-6.2917e+01
1264	1337	0.0000e+00	0.0000e+00	0.0000e+00	3.5139e+02	1.0325e+02	-6.8482e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	3.3758e+02	9.4345e+01	-2.9514e+01

	1349	0.0000e+00	0.0000e+00	0.0000e+00	3.6964e+02	4.0633e+01	-3.2402e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	3.9829e+02	3.7432e+01	-7.1370e+01
1265	1336	0.0000e+00	0.0000e+00	0.0000e+00	3.1774e+02	1.7394e+02	-3.9189e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	3.0496e+02	1.5488e+02	-1.4647e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	3.2558e+02	1.2121e+02	-3.0231e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	3.4684e+02	1.3291e+02	-5.4772e+01
1266	1335	0.0000e+00	0.0000e+00	0.0000e+00	3.0586e+02	1.9934e+02	9.2685e-01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	2.9195e+02	1.7680e+02	8.9026e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	2.9878e+02	1.6803e+02	-1.2832e+01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	3.1519e+02	1.8840e+02	-2.0808e+01
1267	1334	0.0000e+00	0.0000e+00	0.0000e+00	3.1549e+02	1.7780e+02	4.1471e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	2.9945e+02	1.5813e+02	3.2741e+01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	2.9194e+02	1.7541e+02	1.1597e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	3.0531e+02	1.9749e+02	2.0326e+01
1268	1333	0.0000e+00	0.0000e+00	0.0000e+00	3.4728e+02	1.0969e+02	7.2938e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.2688e+02	1.0037e+02	4.7500e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	3.0570e+02	1.4215e+02	3.3928e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	3.1692e+02	1.5962e+02	5.9366e+01
1269	1332	0.0000e+00	0.0000e+00	0.0000e+00	3.9914e+02	2.2574e+00	8.4209e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	3.7123e+02	1.0202e+01	4.4443e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.3913e+02	7.0689e+01	4.5548e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	3.5066e+02	7.6452e+01	8.5314e+01
1270	1331	0.0000e+00	0.0000e+00	0.0000e+00	4.5606e+02	-1.1588e+02	6.6610e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.2410e+02	-9.3422e+01	2.2689e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	3.8661e+02	-2.7752e+01	4.0384e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	4.0455e+02	-4.0223e+01	8.4305e+01
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	4.8650e+02	-1.8640e+02	2.3862e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	4.5436e+02	-1.6180e+02	2.1260e+00
	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.3410e+02	-1.2808e+02	2.6641e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	4.6272e+02	-1.5187e+02	4.8377e+01
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	3.9938e+02	-1.5484e+02	-9.6346e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	4.6956e+02	-1.2236e+02	-6.7556e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	4.9463e+02	-1.5920e+02	-2.6422e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	4.3264e+02	-2.0792e+02	-5.5212e+01
1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	3.3442e+02	-2.6760e+00	-1.3681e+02
	1338	0.0000e+00	0.0000e+00	0.0000e+00	4.0617e+02	-8.1007e+00	-8.3725e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	4.4809e+02	-7.9008e+01	-7.4210e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	4.0007e+02	-1.0322e+02	-1.2730e+02
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	2.8367e+02	1.3548e+02	-1.1329e+02
	1337	0.0000e+00	0.0000e+00	0.0000e+00	3.4502e+02	1.0731e+02	-6.9805e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	3.8401e+02	3.9454e+01	-9.0465e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	3.3280e+02	5.2063e+01	-1.3395e+02
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	2.5610e+02	2.2146e+02	-6.0369e+01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	3.0646e+02	1.8400e+02	-3.5668e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	3.3117e+02	1.4060e+02	-7.1607e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	2.8144e+02	1.7408e+02	-9.6308e+01
1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	2.4688e+02	2.5147e+02	2.4716e-01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	2.9221e+02	2.1098e+02	8.0278e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	3.0041e+02	1.9930e+02	-3.2813e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	2.5445e+02	2.3943e+02	-4.0594e+01
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	2.5348e+02	2.2774e+02	6.0547e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	3.0020e+02	1.8802e+02	5.2851e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	2.9191e+02	2.0930e+02	1.2385e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	2.4617e+02	2.4947e+02	2.0081e+01
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	2.7981e+02	1.4772e+02	1.1466e+02
	1333	0.0000e+00	0.0000e+00	0.0000e+00	3.3093e+02	1.1617e+02	8.9411e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	3.0586e+02	1.6916e+02	5.4983e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	2.5372e+02	2.0557e+02	8.0227e+01
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	3.3232e+02	9.8358e+00	1.4781e+02
	1332	0.0000e+00	0.0000e+00	0.0000e+00	3.8441e+02	2.3390e+00	1.0286e+02
	1333	0.0000e+00	0.0000e+00	0.0000e+00	3.4500e+02	7.8882e+01	8.6064e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	2.8062e+02	1.0453e+02	1.3102e+02
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	4.0137e+02	-1.5940e+02	1.3077e+02



	1331	0.0000e+00	0.0000e+00	0.0000e+00	4.4886e+02	-1.2504e+02	7.6341e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	4.0750e+02	-4.9155e+01	9.3792e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	3.3243e+02	-4.9245e+01	1.4822e+02
1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	4.3466e+02	-2.6697e+02	4.0518e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	4.9057e+02	-2.0395e+02	1.3371e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	4.7106e+02	-1.6980e+02	6.7134e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	3.9917e+02	-2.1291e+02	9.4281e+01
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	1.9992e+02	-2.4378e+02	-1.5741e+02
	1328	0.0000e+00	0.0000e+00	0.0000e+00	3.8754e+02	-1.9012e+02	-1.1957e+02
	1329	0.0000e+00	0.0000e+00	0.0000e+00	4.1357e+02	-2.4634e+02	-4.0689e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	2.5057e+02	-3.4839e+02	-7.8531e+01
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	1.4438e+02	1.8184e+01	-2.0085e+02
	1327	0.0000e+00	0.0000e+00	0.0000e+00	3.0447e+02	-9.2793e+00	-1.4146e+02
	1328	0.0000e+00	0.0000e+00	0.0000e+00	3.4818e+02	-1.2087e+02	-1.4225e+02
	1317	0.0000e+00	0.0000e+00	0.0000e+00	2.2102e+02	-1.4679e+02	-2.0164e+02
1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	1.2935e+02	1.9232e+02	-1.4046e+02
	1326	0.0000e+00	0.0000e+00	0.0000e+00	2.4454e+02	1.4732e+02	-1.1000e+02
	1327	0.0000e+00	0.0000e+00	0.0000e+00	2.8079e+02	4.8846e+01	-1.5427e+02
	1316	0.0000e+00	0.0000e+00	0.0000e+00	1.5481e+02	9.1240e+01	-1.8473e+02
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	1.3073e+02	2.8573e+02	-6.7552e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	2.1775e+02	2.3768e+02	-5.5990e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	2.3696e+02	1.7972e+02	-1.0928e+02
	1315	0.0000e+00	0.0000e+00	0.0000e+00	1.3496e+02	2.3686e+02	-1.2084e+02
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	1.3233e+02	3.1594e+02	1.3471e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	2.1017e+02	2.6585e+02	4.6000e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	2.1625e+02	2.5053e+02	-4.8085e+01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	1.3284e+02	3.0443e+02	-5.1338e+01
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	1.2971e+02	2.9247e+02	6.8777e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	2.1465e+02	2.3813e+02	6.7030e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	2.0945e+02	2.6426e+02	1.4323e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	1.3137e+02	3.1396e+02	1.6069e+01
1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.2887e+02	2.0925e+02	1.3829e+02
	1322	0.0000e+00	0.0000e+00	0.0000e+00	2.3403e+02	1.5221e+02	1.2732e+02
	1323	0.0000e+00	0.0000e+00	0.0000e+00	2.1497e+02	2.2178e+02	7.4300e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	1.2571e+02	2.6941e+02	8.5264e+01
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	1.4882e+02	4.4172e+01	2.0060e+02
	1321	0.0000e+00	0.0000e+00	0.0000e+00	2.7870e+02	4.6517e+00	1.6865e+02
	1322	0.0000e+00	0.0000e+00	0.0000e+00	2.4137e+02	1.1529e+02	1.2640e+02
	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.2141e+02	1.5917e+02	1.5835e+02
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	2.2043e+02	-2.1749e+02	2.0967e+02
	1320	0.0000e+00	0.0000e+00	0.0000e+00	3.4959e+02	-1.8033e+02	1.4581e+02
	1321	0.0000e+00	0.0000e+00	0.0000e+00	3.0410e+02	-5.9538e+01	1.5256e+02
	1310	0.0000e+00	0.0000e+00	0.0000e+00	1.3652e+02	-3.5698e+01	2.1642e+02
1291	1308	0.0000e+00	0.0000e+00	0.0000e+00	2.5740e+02	-4.3150e+02	6.4536e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	4.1460e+02	-3.1085e+02	2.3920e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	3.9213e+02	-2.5440e+02	1.1905e+02
	1309	0.0000e+00	0.0000e+00	0.0000e+00	1.9757e+02	-3.2155e+02	1.5967e+02
1292	1306	0.0000e+00	0.0000e+00	0.0000e+00	-2.1244e+02	-3.8126e+02	-2.3416e+02
	1317	0.0000e+00	0.0000e+00	0.0000e+00	1.7612e+02	-3.0651e+02	-1.8320e+02
	1318	0.0000e+00	0.0000e+00	0.0000e+00	2.0530e+02	-4.2581e+02	-5.4309e+01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.3836e+02	-6.0551e+02	-1.0526e+02
1293	1305	0.0000e+00	0.0000e+00	0.0000e+00	-1.4446e+02	6.8975e+01	-2.0320e+02
	1316	0.0000e+00	0.0000e+00	0.0000e+00	7.4595e+01	3.2946e+01	-1.8290e+02
	1317	0.0000e+00	0.0000e+00	0.0000e+00	9.6508e+01	-1.7746e+02	-2.3360e+02
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-1.2524e+02	-1.1339e+02	-2.5390e+02
1294	1304	0.0000e+00	0.0000e+00	0.0000e+00	-6.0776e+01	2.6587e+02	-1.0655e+02
	1315	0.0000e+00	0.0000e+00	0.0000e+00	6.2273e+01	2.1917e+02	-1.2626e+02
	1316	0.0000e+00	0.0000e+00	0.0000e+00	7.3621e+01	8.2070e+01	-1.9335e+02
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-1.1206e+02	1.6782e+02	-1.7365e+02
1295	1303	0.0000e+00	0.0000e+00	0.0000e+00	-6.9709e+00	3.4941e+02	-4.4127e+01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	7.8332e+01	3.0760e+02	-6.2191e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	7.5594e+01	2.3916e+02	-1.1636e+02
	1304	0.0000e+00	0.0000e+00	0.0000e+00	-4.0835e+01	3.0427e+02	-9.8292e+01

1296	1302	0.0000e+00	0.0000e+00	0.0000e+00	1.2040e+01	3.7313e+02	5.0835e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	8.7368e+01	3.3084e+02	-4.2668e-01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	8.6292e+01	3.1380e+02	-4.6765e+01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	1.9505e+00	3.6298e+02	-4.1254e+01
1297	1301	0.0000e+00	0.0000e+00	0.0000e+00	-3.7796e+00	3.5132e+02	5.3335e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	8.2405e+01	3.0115e+02	6.2346e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	8.6139e+01	3.2950e+02	1.5684e+01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	1.0745e+01	3.7143e+02	6.6732e+00
1298	1300	0.0000e+00	0.0000e+00	0.0000e+00	-5.3499e+01	2.7741e+02	1.1155e+02
	1311	0.0000e+00	0.0000e+00	0.0000e+00	6.7430e+01	2.1050e+02	1.3267e+02
	1312	0.0000e+00	0.0000e+00	0.0000e+00	7.2063e+01	2.9200e+02	7.7538e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-1.5342e+01	3.3392e+02	5.6421e+01
1299	1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.3073e+02	1.2108e+02	1.8889e+02
	1310	0.0000e+00	0.0000e+00	0.0000e+00	6.3961e+01	3.3023e+01	2.1002e+02
	1311	0.0000e+00	0.0000e+00	0.0000e+00	5.2220e+01	1.8654e+02	1.4159e+02
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-7.6191e+01	2.3355e+02	1.2047e+02
1300	1298	0.0000e+00	0.0000e+00	0.0000e+00	-1.4244e+02	-1.8949e+02	2.6993e+02
	1309	0.0000e+00	0.0000e+00	0.0000e+00	9.1108e+01	-2.5193e+02	2.4561e+02
	1310	0.0000e+00	0.0000e+00	0.0000e+00	6.5373e+01	-2.2514e+01	1.9626e+02
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.6600e+02	1.2459e+01	2.2059e+02
1301	1297	0.0000e+00	0.0000e+00	0.0000e+00	-1.3769e+02	-7.2498e+02	1.0082e+02
	1308	0.0000e+00	0.0000e+00	0.0000e+00	2.0755e+02	-5.1671e+02	3.8773e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	1.7935e+02	-3.9305e+02	1.8827e+02
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-2.3522e+02	-4.7988e+02	2.5032e+02
1302	557	0.0000e+00	0.0000e+00	0.0000e+00	-7.5942e+02	6.0463e+01	-2.4056e+00
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-4.6377e+02	-3.9098e+02	-1.3725e+02
	1307	0.0000e+00	0.0000e+00	0.0000e+00	8.3456e+00	-7.8799e+02	-1.1220e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	-1.5048e+03	-1.2889e+03	2.2647e+01
1303	556	0.0000e+00	0.0000e+00	0.0000e+00	-3.8304e+02	1.7243e+02	5.1092e+00
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-2.7394e+02	1.5093e+02	-1.5490e+02
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-4.0382e+02	-1.9059e+02	-2.0557e+02
	557	0.0000e+00	0.0000e+00	0.0000e+00	-5.7739e+02	-1.1206e+02	-4.5562e+01
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	-1.8693e+02	3.1924e+02	8.4471e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	-1.2863e+02	3.0054e+02	-8.5674e+01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-2.0206e+02	1.5045e+02	-1.1901e+02
	556	0.0000e+00	0.0000e+00	0.0000e+00	-3.0421e+02	1.9756e+02	-2.4892e+01
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	-9.0057e+01	3.8134e+02	8.6946e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	-4.8628e+01	3.6701e+02	-3.9742e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	-8.9509e+01	3.0222e+02	-6.0878e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	-1.4732e+02	3.2962e+02	-1.2441e+01
1306	553	0.0000e+00	0.0000e+00	0.0000e+00	-5.7989e+01	3.9647e+02	9.1295e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-2.0604e+01	3.8230e+02	-4.2999e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	-3.2020e+01	3.6726e+02	-2.0441e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	-7.3785e+01	3.8495e+02	-7.0116e+00
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	-8.0804e+01	3.7333e+02	1.1080e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-3.8335e+01	3.5517e+02	2.9533e+01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-2.2187e+01	3.8112e+02	1.3216e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	-5.9561e+01	3.9516e+02	-5.2372e+00
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	-1.6391e+02	3.0309e+02	1.6893e+01
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-1.0416e+02	2.7461e+02	7.0853e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-5.8298e+01	3.5244e+02	4.9107e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-1.0043e+02	3.6689e+02	-4.8529e+00
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	-3.3316e+02	1.5110e+02	3.0082e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-2.2605e+02	1.0174e+02	1.3091e+02
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-1.4726e+02	2.7020e+02	9.6236e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-2.0763e+02	2.8928e+02	-4.5931e+00
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	-6.2413e+02	-1.9106e+02	5.1757e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-4.3909e+02	-2.7342e+02	2.2059e+02
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-3.0310e+02	9.9400e+01	1.6771e+02
	550	0.0000e+00	0.0000e+00	0.0000e+00	-4.1800e+02	1.2144e+02	-1.1293e+00
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	-1.6002e+03	-1.4629e+03	-2.2461e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	1.5254e-01	-9.2562e+02	1.1557e+02
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-5.0203e+02	-4.8896e+02	1.4597e+02

	549	0.0000e+00	0.0000e+00	0.0000e+00	-8.1829e+02	-1.1689e+01	7.9447e+00
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	1.3863e+02	-1.3366e+02	-2.7510e+01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-5.0391e+01	1.4157e+02	-6.1592e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	-1.6083e+02	-4.0896e+02	2.5832e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.9233e+02	-1.9687e+02	4.4814e+00
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.3113e+02	-1.4957e+01	-2.6337e+01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	-3.8744e+01	1.8224e+02	-9.1407e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-6.8628e+01	-2.3333e+02	1.0787e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	1.9586e+02	-7.5471e+01	-6.4100e+00
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.2235e+02	6.5708e+01	-3.3216e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	-4.4628e+01	2.0571e+02	-1.3300e+01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	-5.7268e+01	-8.8763e+01	1.6266e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.7535e+02	2.1779e+01	-1.8290e+01
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.1502e+02	1.2077e+02	-3.0093e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	-5.7073e+01	2.0648e+02	-1.4076e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	-6.0428e+01	2.5844e+01	-4.6890e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.5083e+02	9.3025e+01	-2.0706e+01
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.1504e+02	1.4699e+02	-1.9388e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-6.6937e+01	1.8250e+02	-1.2091e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	-6.6736e+01	1.1203e+02	-6.3424e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.2962e+02	1.3619e+02	-1.3640e+01
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.2508e+02	1.4293e+02	-6.5109e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-7.0272e+01	1.3150e+02	-9.7708e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-6.8546e+01	1.7110e+02	-4.4949e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.1675e+02	1.4926e+02	-1.2350e+00
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.4413e+02	1.0830e+02	2.7521e+00
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-6.8697e+01	5.1603e+01	-9.7295e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-6.3678e+01	2.0422e+02	-1.7847e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.1382e+02	1.3184e+02	1.0697e+01
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.6783e+02	4.4247e+01	4.3199e+00
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-6.9033e+01	-5.9271e+01	-1.3230e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-5.5449e+01	2.1291e+02	-6.9690e-01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.1868e+02	8.4647e+01	1.6854e+01
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.8954e+02	-4.8439e+01	-2.1335e+00
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-8.1564e+01	-2.0358e+02	-1.8888e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-5.2032e+01	1.9843e+02	-2.0052e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.2606e+02	9.9618e+00	1.4749e+01
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	2.8673e+02	-1.6955e+02	-7.8849e+00
	26	0.0000e+00	0.0000e+00	0.0000e+00	-1.7135e+02	-3.8414e+02	-3.0276e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-6.3391e+01	1.6595e+02	-1.4195e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.3340e+02	-1.0561e+02	2.0972e+01
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	4.0371e+02	-1.3094e+02	-1.0123e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.5620e+02	-1.3148e+02	1.0655e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	2.8323e+02	-1.6525e+02	1.0932e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	4.1878e+02	-1.6634e+02	-9.8463e+00
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	3.5432e+02	-2.3922e+01	-3.2351e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	2.3452e+02	-2.5808e+01	-3.4063e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	2.6401e+02	-4.7981e+01	1.9619e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	3.8349e+02	-9.5319e+01	-9.3260e+00
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.1250e+02	6.9244e+01	-4.3404e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	2.0979e+02	6.3707e+01	-1.7371e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	2.3057e+02	4.2473e+01	-1.4814e+00
	1274	0.0000e+00	0.0000e+00	0.0000e+00	3.4447e+02	5.5680e+00	-2.7514e+01
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	2.8498e+02	1.3501e+02	-3.6974e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.8955e+02	1.2650e+02	-1.8874e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	2.0437e+02	1.1091e+02	-1.3790e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.0684e+02	9.2358e+01	-3.1889e+01
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.7427e+02	1.6507e+02	-1.9301e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.8013e+02	1.5866e+02	-1.2430e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.8609e+02	1.5165e+02	-1.3861e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	2.8223e+02	1.4807e+02	-2.0732e+01
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.8125e+02	1.5716e+02	7.2950e-01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.8405e+02	1.5870e+02	-4.6544e+00

	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.7998e+02	1.6123e+02	-6.6438e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.7440e+02	1.6669e+02	-1.2599e+00
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.0512e+02	1.1186e+02	1.4382e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	2.0053e+02	1.2715e+02	-2.4514e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.8721e+02	1.3848e+02	8.4540e-01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.8433e+02	1.4726e+02	1.7679e+01
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.4264e+02	3.4098e+01	1.4765e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	2.2588e+02	6.6545e+01	-1.0647e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	2.0573e+02	8.4188e+01	2.0757e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.1130e+02	9.1519e+01	2.7488e+01
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	3.8346e+02	-6.1648e+01	3.3337e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	2.5994e+02	-1.8907e+01	-2.6394e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	2.3000e+02	1.1167e+00	-7.4465e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.5317e+02	6.4550e+00	2.2281e+01
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.2411e+02	-1.3714e+02	9.7473e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	2.8284e+02	-1.3545e+02	-1.4562e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	2.5351e+02	-1.0260e+02	-1.6529e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.0419e+02	-9.7029e+01	7.7802e+00
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	4.6274e+02	-1.5190e+02	-4.8360e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	4.3411e+02	-1.2811e+02	-2.6618e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	4.5438e+02	-1.6184e+02	-2.1122e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	4.8653e+02	-1.8643e+02	-2.3854e+01
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	4.0456e+02	-4.0239e+01	-8.4278e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	3.8661e+02	-2.7772e+01	-4.0352e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	4.2411e+02	-9.3451e+01	-2.2663e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	4.5608e+02	-1.1590e+02	-6.6589e+01
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	3.5067e+02	7.6445e+01	-8.5282e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.3913e+02	7.0680e+01	-4.5513e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	3.7124e+02	1.0186e+01	-4.4411e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	3.9915e+02	2.2449e+00	-8.4180e+01
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	3.1692e+02	1.5962e+02	-5.9331e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	3.0570e+02	1.4215e+02	-3.3890e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.2688e+02	1.0036e+02	-4.7463e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	3.4729e+02	1.0968e+02	-7.2905e+01
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	3.0530e+02	1.9749e+02	-2.0291e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.9194e+02	1.7542e+02	-1.1559e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	2.9945e+02	1.5813e+02	-3.2704e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	3.1549e+02	1.7780e+02	-4.1435e+01
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	3.1519e+02	1.8841e+02	2.0841e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.9877e+02	1.6804e+02	1.2868e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.9195e+02	1.7681e+02	-8.8650e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	3.0585e+02	1.9935e+02	-8.9204e-01
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	3.4683e+02	1.3293e+02	5.4802e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.2557e+02	1.2123e+02	3.0264e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	3.0495e+02	1.5490e+02	1.4683e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	3.1773e+02	1.7395e+02	3.9221e+01
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	3.9827e+02	3.7464e+01	7.1393e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.6963e+02	4.0670e+01	3.2429e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.3757e+02	9.4372e+01	2.9546e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	3.5137e+02	1.0327e+02	6.8510e+01
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	4.5615e+02	-7.2694e+01	6.2927e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.2355e+02	-5.7326e+01	1.8541e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.8481e+02	4.8969e+00	2.9993e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	4.0495e+02	-2.3410e+00	7.4378e+01
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	4.9097e+02	-1.4545e+02	3.3291e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.6039e+02	-1.3006e+02	7.1982e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.3416e+02	-9.2066e+01	2.3502e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	4.6432e+02	-1.0886e+02	4.9595e+01
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	3.9919e+02	-2.1292e+02	-9.4271e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	4.7107e+02	-1.6982e+02	-6.7118e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	4.9060e+02	-2.0398e+02	-1.3362e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	4.3469e+02	-2.6699e+02	-4.0515e+01
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	3.3244e+02	-4.9253e+01	-1.4820e+02

	1263	0.0000e+00	0.0000e+00	0.0000e+00	4.0751e+02	-4.9169e+01	-9.3766e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	4.4887e+02	-1.2506e+02	-7.6322e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	4.0138e+02	-1.5941e+02	-1.3076e+02
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	2.8063e+02	1.0453e+02	-1.3100e+02
	1262	0.0000e+00	0.0000e+00	0.0000e+00	3.4501e+02	7.8876e+01	-8.6033e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	3.8442e+02	2.3288e+00	-1.0283e+02
	1252	0.0000e+00	0.0000e+00	0.0000e+00	3.3233e+02	9.8301e+00	-1.4779e+02
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	2.5372e+02	2.0557e+02	-8.0197e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	3.0586e+02	1.6916e+02	-5.4949e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	3.3093e+02	1.1617e+02	-8.9379e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	2.7981e+02	1.4772e+02	-1.1463e+02
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.4617e+02	2.4947e+02	-2.0051e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.9191e+02	2.0930e+02	-1.2351e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	3.0020e+02	1.8803e+02	-5.2817e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	2.5348e+02	2.2774e+02	-6.0517e+01
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.5444e+02	2.3944e+02	4.0622e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	3.0040e+02	1.9931e+02	3.2846e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.9221e+02	2.1098e+02	-7.9940e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.4688e+02	2.5147e+02	-2.1767e-01
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	2.8142e+02	1.7410e+02	9.6332e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	3.3115e+02	1.4062e+02	7.1636e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	3.0645e+02	1.8401e+02	3.5700e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.5608e+02	2.2147e+02	6.0396e+01
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	3.3278e+02	5.2084e+01	1.3397e+02
	1257	0.0000e+00	0.0000e+00	0.0000e+00	3.8398e+02	3.9482e+01	9.0485e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	3.4500e+02	1.0733e+02	6.9831e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	2.8365e+02	1.3550e+02	1.1331e+02
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	4.0004e+02	-1.0319e+02	1.2730e+02
	1256	0.0000e+00	0.0000e+00	0.0000e+00	4.4806e+02	-7.8967e+01	7.4218e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	4.0614e+02	-8.0680e+00	8.3743e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	3.3439e+02	-2.6513e+00	1.3683e+02
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	4.3261e+02	-2.0789e+02	5.5197e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	4.9460e+02	-1.5915e+02	2.6412e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	4.6953e+02	-1.2232e+02	6.7558e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	3.9935e+02	-1.5481e+02	9.6343e+01
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	1.9759e+02	-3.2155e+02	-1.5967e+02
	1253	0.0000e+00	0.0000e+00	0.0000e+00	3.9214e+02	-2.5441e+02	-1.1905e+02
	1254	0.0000e+00	0.0000e+00	0.0000e+00	4.1463e+02	-3.1086e+02	-2.3919e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	2.5742e+02	-4.3151e+02	-6.4541e+01
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	1.3653e+02	-3.5699e+01	-2.1641e+02
	1252	0.0000e+00	0.0000e+00	0.0000e+00	3.0411e+02	-5.9543e+01	-1.5254e+02
	1253	0.0000e+00	0.0000e+00	0.0000e+00	3.4961e+02	-1.8034e+02	-1.4580e+02
	1242	0.0000e+00	0.0000e+00	0.0000e+00	2.2044e+02	-2.1749e+02	-2.0966e+02
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.2142e+02	1.5917e+02	-1.5833e+02
	1251	0.0000e+00	0.0000e+00	0.0000e+00	2.4137e+02	1.1528e+02	-1.2638e+02
	1252	0.0000e+00	0.0000e+00	0.0000e+00	2.7872e+02	4.6478e+00	-1.6863e+02
	1241	0.0000e+00	0.0000e+00	0.0000e+00	1.4883e+02	4.4173e+01	-2.0058e+02
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.2571e+02	2.6941e+02	-8.5241e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	2.1498e+02	2.2178e+02	-7.4273e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	2.3404e+02	1.5221e+02	-1.2729e+02
	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.2888e+02	2.0925e+02	-1.3826e+02
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.3136e+02	3.1396e+02	-1.6046e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.0945e+02	2.6426e+02	-1.4294e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	2.1465e+02	2.3813e+02	-6.7002e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.2971e+02	2.9248e+02	-6.8753e+01
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.3283e+02	3.0444e+02	5.1359e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.1623e+02	2.5053e+02	4.8112e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.1016e+02	2.6585e+02	-4.5723e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.3232e+02	3.1595e+02	-1.3245e+00
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.3494e+02	2.3687e+02	1.2086e+02
	1247	0.0000e+00	0.0000e+00	0.0000e+00	2.3694e+02	1.7973e+02	1.0930e+02
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.1774e+02	2.3769e+02	5.6015e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.3072e+02	2.8574e+02	6.7573e+01

1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	1.5479e+02	9.1251e+01	1.8474e+02
	1246	0.0000e+00	0.0000e+00	0.0000e+00	2.8077e+02	4.8865e+01	1.5429e+02
	1247	0.0000e+00	0.0000e+00	0.0000e+00	2.4452e+02	1.4734e+02	1.1002e+02
	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.2933e+02	1.9233e+02	1.4047e+02
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	2.2099e+02	-1.4678e+02	2.0164e+02
	1245	0.0000e+00	0.0000e+00	0.0000e+00	3.4815e+02	-1.2085e+02	1.4225e+02
	1246	0.0000e+00	0.0000e+00	0.0000e+00	3.0445e+02	-9.2592e+00	1.4148e+02
	1235	0.0000e+00	0.0000e+00	0.0000e+00	1.4436e+02	1.8197e+01	2.0086e+02
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	2.5054e+02	-3.4836e+02	7.8511e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	4.1354e+02	-2.4631e+02	4.0674e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	3.8751e+02	-1.9009e+02	1.1956e+02
	1234	0.0000e+00	0.0000e+00	0.0000e+00	1.9989e+02	-2.4377e+02	1.5740e+02
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-2.3520e+02	-4.7986e+02	-2.5032e+02
	1242	0.0000e+00	0.0000e+00	0.0000e+00	1.7936e+02	-3.9305e+02	-1.8827e+02
	1243	0.0000e+00	0.0000e+00	0.0000e+00	2.0757e+02	-5.1671e+02	-3.8781e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-1.3767e+02	-7.2499e+02	-1.0084e+02
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	-1.6598e+02	1.2467e+01	-2.2057e+02
	1241	0.0000e+00	0.0000e+00	0.0000e+00	6.5384e+01	-2.2510e+01	-1.9625e+02
	1242	0.0000e+00	0.0000e+00	0.0000e+00	9.1123e+01	-2.5193e+02	-2.4560e+02
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.4243e+02	-1.8948e+02	-2.6992e+02
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	-7.6180e+01	2.3355e+02	-1.2046e+02
	1240	0.0000e+00	0.0000e+00	0.0000e+00	5.2229e+01	1.8654e+02	-1.4158e+02
	1241	0.0000e+00	0.0000e+00	0.0000e+00	6.3973e+01	3.3026e+01	-2.1000e+02
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-1.3072e+02	1.2108e+02	-1.8888e+02
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	-1.5339e+01	3.3392e+02	-5.6405e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	7.2065e+01	2.9200e+02	-7.7517e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	6.7437e+01	2.1050e+02	-1.3265e+02
	1229	0.0000e+00	0.0000e+00	0.0000e+00	-5.3490e+01	2.7741e+02	-1.1154e+02
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	1.0739e+01	3.7144e+02	-6.6584e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	8.6133e+01	3.2950e+02	-1.5663e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	8.2405e+01	3.0115e+02	-6.2325e+01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	-3.7790e+00	3.5133e+02	-5.3320e+01
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	1.9362e+00	3.6298e+02	4.1268e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	8.6279e+01	3.1380e+02	4.6784e+01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	8.7360e+01	3.3084e+02	4.4704e-01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	1.2032e+01	3.7313e+02	-5.0691e+00
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	-4.0858e+01	3.0427e+02	9.8303e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	7.5573e+01	2.3916e+02	1.1637e+02
	1237	0.0000e+00	0.0000e+00	0.0000e+00	7.8317e+01	3.0761e+02	6.2209e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-6.9877e+00	3.4942e+02	4.4140e+01
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.1209e+02	1.6783e+02	1.7365e+02
	1235	0.0000e+00	0.0000e+00	0.0000e+00	7.3596e+01	8.2078e+01	1.9337e+02
	1236	0.0000e+00	0.0000e+00	0.0000e+00	6.2251e+01	2.1918e+02	1.2627e+02
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-6.0801e+01	2.6587e+02	1.0656e+02
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	-1.2526e+02	-1.1339e+02	2.5390e+02
	1234	0.0000e+00	0.0000e+00	0.0000e+00	9.6481e+01	-1.7745e+02	2.3360e+02
	1235	0.0000e+00	0.0000e+00	0.0000e+00	7.4572e+01	3.2954e+01	1.8290e+02
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.4450e+02	6.8977e+01	2.0321e+02
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	-1.3840e+02	-6.0549e+02	1.0524e+02
	1233	0.0000e+00	0.0000e+00	0.0000e+00	2.0527e+02	-4.2579e+02	5.4287e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	1.7610e+02	-3.0650e+02	1.8320e+02
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-2.1247e+02	-3.8128e+02	2.3415e+02
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	-8.1824e+02	-1.1690e+01	-7.9304e+00
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-5.0201e+02	-4.8892e+02	-1.4597e+02
	1232	0.0000e+00	0.0000e+00	0.0000e+00	1.4470e-01	-9.2562e+02	-1.1561e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	-1.6001e+03	-1.4628e+03	2.2434e+01
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	-4.1798e+02	1.2144e+02	1.1355e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-3.0308e+02	9.9405e+01	-1.6769e+02
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-4.3906e+02	-2.7340e+02	-2.2058e+02
	440	0.0000e+00	0.0000e+00	0.0000e+00	-6.2410e+02	-1.9104e+02	-5.1751e+01
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	-2.0762e+02	2.8928e+02	4.5993e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	-1.4725e+02	2.7020e+02	-9.6223e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-2.2603e+02	1.0174e+02	-1.3090e+02

	439	0.0000e+00	0.0000e+00	0.0000e+00	-3.3314e+02	1.5111e+02	-3.0076e+01
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	-1.0043e+02	3.6689e+02	4.8591e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	-5.8294e+01	3.5244e+02	-4.9095e+01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	-1.0415e+02	2.7462e+02	-7.0840e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	-1.6390e+02	3.0310e+02	-1.6887e+01
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	-5.9566e+01	3.9517e+02	5.2429e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-2.2192e+01	3.8112e+02	-1.3204e+01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	-3.8334e+01	3.5517e+02	-2.9520e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	-8.0803e+01	3.7334e+02	-1.1073e+01
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	-7.3800e+01	3.8496e+02	7.0163e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-3.2034e+01	3.6727e+02	2.0452e+01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-2.0612e+01	3.8230e+02	4.3118e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	-5.7997e+01	3.9648e+02	-9.1240e+00
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	-1.4735e+02	3.2962e+02	1.2444e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-8.9533e+01	3.0223e+02	6.0888e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-4.8645e+01	3.6702e+02	3.9753e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-9.0074e+01	3.8134e+02	-8.6903e+00
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	-3.0424e+02	1.9756e+02	2.4893e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-2.0210e+02	1.5045e+02	1.1902e+02
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-1.2865e+02	3.0055e+02	8.5683e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-1.8696e+02	3.1924e+02	-8.4447e+00
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	-5.7743e+02	-1.1207e+02	4.5560e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-4.0386e+02	-1.9060e+02	2.0557e+02
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-2.7398e+02	1.5094e+02	1.5490e+02
	433	0.0000e+00	0.0000e+00	0.0000e+00	-3.8307e+02	1.7243e+02	-5.1091e+00
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.5048e+03	-1.2890e+03	-2.2687e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	8.3499e+00	-7.8799e+02	1.1215e+02
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-4.6380e+02	-3.9101e+02	1.3724e+02
	432	0.0000e+00	0.0000e+00	0.0000e+00	-7.5948e+02	6.0476e+01	2.4087e+00
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	1.3357e+02	-1.1280e+02	-1.5411e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-6.4429e+01	1.5631e+02	7.5624e+00
	25	0.0000e+00	0.0000e+00	0.0000e+00	-1.7083e+02	-3.8914e+02	3.5721e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	2.8652e+02	-1.7562e+02	1.2748e+01
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.2545e+02	1.8273e+00	-8.3116e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	-5.3322e+01	1.8787e+02	8.5421e+00
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-8.2570e+01	-2.0965e+02	2.4949e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	1.8884e+02	-5.6001e+01	8.0950e+00
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.1782e+02	7.5564e+01	-9.4788e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	-5.6346e+01	2.0143e+02	7.7943e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	-7.0098e+01	-6.6516e+01	1.9809e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.6657e+02	3.5635e+01	2.5355e+00
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.1313e+02	1.2174e+02	-2.4521e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-6.3411e+01	1.9226e+02	9.3532e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	-6.9170e+01	4.2850e+01	1.6824e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.4281e+02	9.8622e+01	5.0188e+00
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.1665e+02	1.3825e+02	1.0014e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-6.6248e+01	1.5949e+02	1.2219e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	-6.9382e+01	1.2089e+02	1.7244e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.2425e+02	1.3221e+02	1.5040e+01
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.3034e+02	1.2471e+02	2.2226e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-6.1636e+01	1.0216e+02	1.3655e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-6.3890e+01	1.6978e+02	1.9598e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.1523e+02	1.3550e+02	2.8169e+01
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.5226e+02	8.2040e+01	2.7950e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-5.2164e+01	1.9786e+01	1.0811e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-5.1281e+01	1.9166e+02	2.1047e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.1665e+02	1.0920e+02	3.8186e+01
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.7682e+02	1.3103e+01	2.2766e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-4.6263e+01	-8.8166e+01	2.4791e+00
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-3.6063e+01	1.8929e+02	1.8993e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	1.2552e+02	5.5421e+01	3.9280e+01
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.9633e+02	-7.8614e+01	7.0351e+00
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-5.6388e+01	-2.2245e+02	-9.1595e+00

	1214	0.0000e+00	0.0000e+00	0.0000e+00	-2.8309e+01	1.6541e+02	1.2791e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.3544e+02	-2.1760e+01	2.8986e+01
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	2.8936e+02	-1.8630e+02	-5.9560e+00
	24	0.0000e+00	0.0000e+00	0.0000e+00	-1.4663e+02	-3.8325e+02	-2.5160e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-4.0082e+01	1.2650e+02	6.8831e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.4390e+02	-1.3370e+02	2.6087e+01
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.0391e+02	-1.0336e+02	-3.1115e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	2.5321e+02	-1.0929e+02	2.1517e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	2.8271e+02	-1.4150e+02	1.9074e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.2433e+02	-1.4262e+02	-5.5542e+00
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	3.5209e+02	-7.7086e-01	-1.6736e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	2.2899e+02	-6.7179e+00	1.3501e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	2.5930e+02	-2.6224e+01	3.1738e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	3.8306e+02	-6.8170e+01	1.5006e+00
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.0935e+02	8.3422e+01	-2.0752e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	2.0423e+02	7.5270e+01	5.0844e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	2.2458e+02	5.8298e+01	1.6958e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	3.4135e+02	2.6708e+01	-8.8785e+00
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	2.8168e+02	1.3803e+02	-9.6299e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.8554e+02	1.2834e+02	7.4206e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	1.9885e+02	1.1790e+02	9.8164e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.0293e+02	1.0348e+02	-7.2341e+00
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	2.7131e+02	1.5608e+02	1.0381e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.7853e+02	1.4984e+02	1.5740e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	1.8239e+02	1.4840e+02	1.3025e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	2.7831e+02	1.4752e+02	7.6669e+00
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.7896e+02	1.3603e+02	3.0185e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.8518e+02	1.3929e+02	2.3087e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	1.7893e+02	1.4745e+02	2.1436e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	2.7082e+02	1.5397e+02	2.8534e+01
1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.0352e+02	7.9438e+01	4.0335e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	2.0406e+02	9.8414e+01	2.1971e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	1.8913e+02	1.1494e+02	2.7718e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.8124e+02	1.2257e+02	4.6082e+01
1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	3.4080e+02	-6.5615e+00	3.3090e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	2.3050e+02	3.1615e+01	7.1339e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	2.1012e+02	5.3054e+01	2.4831e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.0859e+02	5.6295e+01	5.0787e+01
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	3.7812e+02	-1.0275e+02	1.0139e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	2.6293e+02	-5.3928e+01	-1.7594e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	2.3494e+02	-3.3126e+01	8.1550e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	3.4991e+02	-3.5135e+01	3.5888e+01
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.0879e+02	-1.6298e+02	3.1290e+00
	1143	0.0000e+00	0.0000e+00	0.0000e+00	2.7615e+02	-1.5871e+02	-1.3115e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	2.5519e+02	-1.3078e+02	-8.6751e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	3.9684e+02	-1.3528e+02	7.5685e+00
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	4.6397e+02	-1.1466e+02	-4.5723e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.3392e+02	-9.8266e+01	-1.9168e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.6049e+02	-1.3536e+02	-3.0662e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	4.9121e+02	-1.5075e+02	-2.9621e+01
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	4.0345e+02	-8.5369e+00	-6.9897e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	3.8360e+02	-2.1159e+00	-2.4774e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.2289e+02	-6.3527e+01	-1.3919e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	4.5559e+02	-7.8535e+01	-5.9041e+01
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	3.4861e+02	9.6486e+01	-6.2828e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.3527e+02	8.6500e+01	-2.3077e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	3.6796e+02	3.3728e+01	-2.6882e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	3.9647e+02	3.1253e+01	-6.6633e+01
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	3.1375e+02	1.6600e+02	-3.2062e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	3.0169e+02	1.4583e+02	-6.8487e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.2288e+02	1.1335e+02	-2.3473e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	3.4365e+02	1.2599e+02	-4.8686e+01
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	3.0087e+02	1.8953e+02	9.3635e+00



	1197	0.0000e+00	0.0000e+00	0.0000e+00	2.8799e+02	1.6618e+02	1.7815e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	2.9526e+02	1.5882e+02	-4.7908e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	3.1073e+02	1.8009e+02	-1.3242e+01
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	3.0985e+02	1.6551e+02	5.0515e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.9510e+02	1.4578e+02	4.2006e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	2.8792e+02	1.6448e+02	2.0547e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.9978e+02	1.8710e+02	2.9057e+01
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.4146e+02	9.4725e+01	8.1176e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.2242e+02	8.6694e+01	5.5694e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.0154e+02	1.2938e+02	4.2878e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	3.1069e+02	1.4665e+02	6.8360e+01
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	3.9347e+02	-1.4459e+01	8.9291e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	3.6663e+02	-3.1982e+00	4.9450e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.3513e+02	5.6675e+01	5.2977e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.4424e+02	6.0974e+01	9.2818e+01
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	4.5031e+02	-1.3086e+02	6.5217e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	4.1818e+02	-1.0259e+02	2.1978e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	3.8259e+02	-4.0844e+01	4.4276e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	3.9828e+02	-5.6594e+01	8.7515e+01
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	4.7647e+02	-1.9184e+02	1.2601e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.4670e+02	-1.6014e+02	-6.3305e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	4.2845e+02	-1.3564e+02	2.4344e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	4.5635e+02	-1.6449e+02	4.3276e+01
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	3.9849e+02	-1.6057e+02	-9.3597e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	4.6921e+02	-1.2814e+02	-6.4145e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	4.9479e+02	-1.6446e+02	-2.2825e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	4.3259e+02	-2.1360e+02	-5.2276e+01
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	3.3208e+02	-7.9562e+00	-1.3381e+02
	1190	0.0000e+00	0.0000e+00	0.0000e+00	4.0449e+02	-1.4096e+01	-7.9715e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	4.4718e+02	-8.4601e+01	-7.0633e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	3.9900e+02	-1.0867e+02	-1.2473e+02
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	2.7983e+02	1.3013e+02	-1.0909e+02
	1189	0.0000e+00	0.0000e+00	0.0000e+00	3.4184e+02	1.0085e+02	-6.4572e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	3.8172e+02	3.3655e+01	-8.6178e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	3.3016e+02	4.7025e+01	-1.3070e+02
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	2.5082e+02	2.1504e+02	-5.4557e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	3.0188e+02	1.7637e+02	-2.8931e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	3.2746e+02	1.3415e+02	-6.6026e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	2.7717e+02	1.6871e+02	-9.1652e+01
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	2.4027e+02	2.4286e+02	7.6183e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.8646e+02	2.0134e+02	1.6148e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	2.9539e+02	1.9143e+02	-2.5760e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	2.4862e+02	2.3264e+02	-3.4291e+01
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.4587e+02	2.1581e+02	6.9003e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.9366e+02	1.7563e+02	6.1737e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.8588e+02	1.9916e+02	2.0629e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	2.3892e+02	2.4012e+02	2.7894e+01
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.7199e+02	1.3145e+02	1.2308e+02
	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.2421e+02	1.0066e+02	9.7708e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.9935e+02	1.5598e+02	6.3593e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.4543e+02	1.9254e+02	8.8968e+01
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	3.2556e+02	-1.1203e+01	1.5390e+02
	1184	0.0000e+00	0.0000e+00	0.0000e+00	3.7825e+02	-1.5527e+01	1.0808e+02
	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.3883e+02	6.2344e+01	9.3468e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.7215e+02	8.6872e+01	1.3928e+02
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	3.9720e+02	-1.8314e+02	1.3034e+02
	1183	0.0000e+00	0.0000e+00	0.0000e+00	4.4314e+02	-1.4194e+02	7.4721e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	4.0252e+02	-6.7795e+01	9.7429e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	3.2511e+02	-7.1415e+01	1.5305e+02
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	4.2771e+02	-2.8516e+02	2.7348e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	4.8708e+02	-2.1166e+02	9.2346e-01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	4.6686e+02	-1.8650e+02	6.3143e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	3.9438e+02	-2.3581e+02	8.9568e+01

1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	1.9764e+02	-2.5007e+02	-1.5613e+02
	1181	0.0000e+00	0.0000e+00	0.0000e+00	3.8671e+02	-1.9612e+02	-1.1736e+02
	1182	0.0000e+00	0.0000e+00	0.0000e+00	4.1345e+02	-2.5227e+02	-3.7802e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	2.4946e+02	-3.5537e+02	-7.6571e+01
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	1.4054e+02	1.3809e+01	-1.9953e+02
	1180	0.0000e+00	0.0000e+00	0.0000e+00	3.0188e+02	-1.4427e+01	-1.3890e+02
	1181	0.0000e+00	0.0000e+00	0.0000e+00	3.4657e+02	-1.2627e+02	-1.4007e+02
	1171	0.0000e+00	0.0000e+00	0.0000e+00	2.1871e+02	-1.5220e+02	-2.0070e+02
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.2417e+02	1.8845e+02	-1.3777e+02
	1179	0.0000e+00	0.0000e+00	0.0000e+00	2.4022e+02	1.4234e+02	-1.0625e+02
	1180	0.0000e+00	0.0000e+00	0.0000e+00	2.7752e+02	4.4103e+01	-1.5154e+02
	1170	0.0000e+00	0.0000e+00	0.0000e+00	1.5074e+02	8.7398e+01	-1.8306e+02
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	1.2413e+02	2.8091e+02	-6.3230e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	2.1187e+02	2.3166e+02	-5.0671e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	2.3208e+02	1.7478e+02	-1.0516e+02
	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.2936e+02	2.3309e+02	-1.1772e+02
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.2410e+02	3.0880e+02	7.2744e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	2.0281e+02	2.5751e+02	1.1498e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	2.0982e+02	2.4422e+02	-4.2370e+01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	1.2565e+02	2.9927e+02	-4.6593e+01
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.1983e+02	2.8160e+02	7.6149e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.0609e+02	2.2623e+02	7.5201e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	2.0159e+02	2.5533e+02	2.1478e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.2241e+02	3.0601e+02	2.2426e+01
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	1.1789e+02	1.9301e+02	1.4667e+02
	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.2503e+02	1.3554e+02	1.3592e+02
	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.0612e+02	2.0889e+02	8.2362e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.1502e+02	2.5715e+02	9.3114e+01
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	1.3847e+02	2.0497e+01	2.0862e+02
	1174	0.0000e+00	0.0000e+00	0.0000e+00	2.7085e+02	-1.7457e+01	1.7556e+02
	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.3270e+02	9.7023e+01	1.3416e+02
	1165	0.0000e+00	0.0000e+00	0.0000e+00	1.0963e+02	1.4079e+02	1.6722e+02
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	2.1473e+02	-2.4976e+02	2.1340e+02
	1173	0.0000e+00	0.0000e+00	0.0000e+00	3.4424e+02	-2.0622e+02	1.4646e+02
	1174	0.0000e+00	0.0000e+00	0.0000e+00	2.9778e+02	-8.3781e+01	1.5753e+02
	1164	0.0000e+00	0.0000e+00	0.0000e+00	1.2554e+02	-6.2111e+01	2.2448e+02
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	2.5146e+02	-4.6689e+02	5.4167e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	4.1781e+02	-3.3188e+02	1.0645e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	3.9017e+02	-2.8303e+02	1.1601e+02
	1163	0.0000e+00	0.0000e+00	0.0000e+00	1.9091e+02	-3.5602e+02	1.5953e+02
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	-2.1820e+02	-3.8876e+02	-2.3469e+02
	1171	0.0000e+00	0.0000e+00	0.0000e+00	1.7385e+02	-3.1337e+02	-1.8254e+02
	1172	0.0000e+00	0.0000e+00	0.0000e+00	2.0394e+02	-4.3347e+02	-5.2364e+01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-1.4260e+02	-6.1505e+02	-1.0452e+02
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	-1.5062e+02	6.5608e+01	-2.0306e+02
	1170	0.0000e+00	0.0000e+00	0.0000e+00	7.0191e+01	2.8896e+01	-1.8181e+02
	1171	0.0000e+00	0.0000e+00	0.0000e+00	9.3012e+01	-1.8299e+02	-2.3329e+02
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-1.3038e+02	-1.1808e+02	-2.5454e+02
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	-6.7381e+01	2.6339e+02	-1.0492e+02
	1169	0.0000e+00	0.0000e+00	0.0000e+00	5.6462e+01	2.1579e+02	-1.2397e+02
	1170	0.0000e+00	0.0000e+00	0.0000e+00	6.8757e+01	7.8396e+01	-1.9213e+02
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-1.1826e+02	1.6534e+02	-1.7308e+02
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	-1.4668e+01	3.4597e+02	-4.1268e+01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	7.1143e+01	3.0322e+02	-5.8469e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	6.9375e+01	2.3573e+02	-1.1365e+02
	1159	0.0000e+00	0.0000e+00	0.0000e+00	-4.7754e+01	3.0190e+02	-9.6448e+01
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	2.5021e+00	3.6730e+02	9.0985e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	7.8475e+01	3.2399e+02	4.7647e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	7.8528e+01	3.0909e+02	-4.2564e+01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	-6.3328e+00	3.5920e+02	-3.8230e+01
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	-1.5904e+01	3.4174e+02	5.8563e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	7.1569e+01	2.9035e+02	6.9010e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	7.6480e+01	3.2210e+02	2.1301e+01

	1157	0.0000e+00	0.0000e+00	0.0000e+00	3.5301e-01	3.6488e+02	1.0854e+01
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	-6.8761e+01	2.6243e+02	1.1822e+02
	1165	0.0000e+00	0.0000e+00	0.0000e+00	5.4880e+01	1.9394e+02	1.4076e+02
	1166	0.0000e+00	0.0000e+00	0.0000e+00	6.0352e+01	2.8037e+02	8.4433e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-2.8559e+01	3.2307e+02	6.1893e+01
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.4906e+02	9.8213e+01	1.9736e+02
	1164	0.0000e+00	0.0000e+00	0.0000e+00	5.1446e+01	8.3305e+00	2.1904e+02
	1165	0.0000e+00	0.0000e+00	0.0000e+00	3.9029e+01	1.6860e+02	1.4933e+02
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-9.2715e+01	2.1632e+02	1.2765e+02
1440	1153	0.0000e+00	0.0000e+00	0.0000e+00	-1.5694e+02	-2.2502e+02	2.7925e+02
	1163	0.0000e+00	0.0000e+00	0.0000e+00	8.0342e+01	-2.8655e+02	2.5198e+02
	1164	0.0000e+00	0.0000e+00	0.0000e+00	5.3739e+01	-4.9575e+01	2.0355e+02
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.8560e+02	-1.5512e+01	2.3082e+02
1441	1088	0.0000e+00	0.0000e+00	0.0000e+00	-1.5913e+02	-7.7507e+02	9.6985e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	2.1276e+02	-5.5667e+02	3.1398e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	1.7410e+02	-4.3359e+02	1.8999e+02
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-2.5337e+02	-5.2825e+02	2.5558e+02
1442	323	0.0000e+00	0.0000e+00	0.0000e+00	-7.7019e+02	5.7884e+01	-1.5156e+00
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-4.7198e+02	-3.9850e+02	-1.3710e+02
	1162	0.0000e+00	0.0000e+00	0.0000e+00	5.9475e+00	-7.9938e+02	-1.1182e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	-1.5229e+03	-1.3057e+03	2.3760e+01
1443	322	0.0000e+00	0.0000e+00	0.0000e+00	-3.9101e+02	1.7042e+02	6.1981e+00
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-2.8127e+02	1.4856e+02	-1.5471e+02
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-4.1176e+02	-1.9596e+02	-2.0602e+02
	323	0.0000e+00	0.0000e+00	0.0000e+00	-5.8656e+02	-1.1653e+02	-4.5111e+01
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	-1.9421e+02	3.1765e+02	9.7703e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	-1.3580e+02	2.9858e+02	-8.4414e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-2.0908e+02	1.4795e+02	-1.1826e+02
	322	0.0000e+00	0.0000e+00	0.0000e+00	-3.1178e+02	1.9570e+02	-2.4074e+01
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	-9.8033e+01	3.7856e+02	1.0214e+01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	-5.6675e+01	3.6390e+02	-3.7594e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	-9.6839e+01	3.0004e+02	-5.9129e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	-1.5475e+02	3.2788e+02	-1.1320e+01
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	-6.7817e+01	3.9122e+02	1.0823e+01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-3.0496e+01	3.7669e+02	-1.3271e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	-4.0615e+01	3.6377e+02	-1.7826e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	-8.2318e+01	3.8181e+02	-5.6752e+00
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	-9.3710e+01	3.6429e+02	1.2949e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-5.1054e+01	3.4564e+02	3.3380e+01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-3.3020e+01	3.7499e+02	1.6668e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	-7.0345e+01	3.8933e+02	-3.7629e+00
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	-1.8147e+02	2.8871e+02	1.9037e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-1.2080e+02	2.5937e+02	7.5835e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-7.2416e+01	3.4232e+02	5.3502e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-1.1476e+02	3.5707e+02	-3.2956e+00
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	-3.5801e+02	1.2884e+02	3.2811e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-2.4764e+02	7.7743e+01	1.3766e+02
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-1.6590e+02	2.5439e+02	1.0188e+02
	317	0.0000e+00	0.0000e+00	0.0000e+00	-2.2728e+02	2.7393e+02	-2.9689e+00
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-6.5927e+02	-2.2790e+02	5.5533e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-4.6843e+02	-3.1356e+02	2.3017e+02
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-3.2764e+02	7.5322e+01	1.7549e+02
	316	0.0000e+00	0.0000e+00	0.0000e+00	-4.4620e+02	9.7603e+01	8.5314e-01
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-1.6877e+03	-1.5639e+03	-2.5082e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	1.6710e+01	-9.8282e+02	1.1236e+02
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-5.3070e+02	-5.4415e+02	1.4803e+02
	315	0.0000e+00	0.0000e+00	0.0000e+00	-8.6183e+02	-3.3502e+01	1.0586e+01
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	1.3292e+02	-1.2244e+02	-1.4558e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-6.0439e+01	1.8184e+02	2.2627e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	-1.5149e+02	-4.2540e+02	4.9166e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	2.9247e+02	-1.7875e+02	1.1981e+01
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.0943e+02	1.0766e+01	-1.1144e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-6.0532e+01	2.3734e+02	2.0313e+01

	1152	0.0000e+00	0.0000e+00	0.0000e+00	-7.7419e+01	-2.5053e+02	3.7519e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	1.8426e+02	-6.1322e+01	6.0624e+00
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	8.7018e+01	1.0861e+02	-1.5204e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-8.1316e+01	2.8147e+02	2.1001e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	-8.1008e+01	-9.9930e+01	3.1790e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.5340e+02	4.9513e+01	-4.4161e+00
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	6.3504e+01	1.8641e+02	-6.2998e+00
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-1.1209e+02	3.0395e+02	2.8607e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-1.0236e+02	2.9517e+01	3.1290e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.1807e+02	1.4123e+02	-3.6174e+00
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	4.4699e+01	2.4004e+02	1.6582e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-1.4302e+02	3.0162e+02	4.4132e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-1.3019e+02	1.3734e+02	3.8830e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	8.2618e+01	2.1043e+02	1.1280e+01
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	3.5209e+01	2.6593e+02	5.1104e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	-1.6547e+02	2.7055e+02	6.6207e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-1.5500e+02	2.2271e+02	5.4520e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	5.2554e+01	2.5271e+02	3.9418e+01
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	3.7462e+01	2.6058e+02	9.3216e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-1.7168e+02	2.0775e+02	9.1883e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	-1.6861e+02	2.8341e+02	7.6295e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	3.1936e+01	2.6442e+02	7.7629e+01
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	5.0578e+01	2.1906e+02	1.3645e+02
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.5387e+02	1.1214e+02	1.1599e+02
	1146	0.0000e+00	0.0000e+00	0.0000e+00	-1.6335e+02	3.1549e+02	1.0051e+02
	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.2381e+01	2.4218e+02	1.2096e+02
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	5.7942e+01	1.2448e+02	1.6303e+02
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.0242e+02	-1.3472e+01	1.2668e+02
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.3113e+02	3.1114e+02	1.2193e+02
	1135	0.0000e+00	0.0000e+00	0.0000e+00	1.9692e+01	1.8350e+02	1.5828e+02
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	2.1294e+02	-4.9289e+01	1.4247e+02
	23	0.0000e+00	0.0000e+00	0.0000e+00	-1.6275e+02	-1.6864e+02	8.5853e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-6.7187e+01	2.7846e+02	1.3829e+02
	1134	0.0000e+00	0.0000e+00	0.0000e+00	1.3074e+01	4.5252e+01	1.9491e+02
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	3.9163e+02	-1.1360e+02	-3.2890e+00
	1142	0.0000e+00	0.0000e+00	0.0000e+00	2.4807e+02	-1.1524e+02	2.0442e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	2.7328e+02	-1.5354e+02	2.0112e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.1014e+02	-1.5446e+02	-3.6185e+00
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.4018e+02	1.0648e+00	-2.5631e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	2.1726e+02	-6.5034e-01	1.1231e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	2.5252e+02	-3.3993e+01	3.1630e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	3.7282e+02	-8.0002e+01	-5.2318e+00
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	2.9029e+02	1.1436e+02	-3.6992e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.8128e+02	1.0615e+02	-1.7368e-02
	1141	0.0000e+00	0.0000e+00	0.0000e+00	2.1086e+02	7.1259e+01	1.4017e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.2883e+02	3.2576e+01	-2.2957e+01
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	2.4929e+02	2.0997e+02	-2.8398e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	1.4573e+02	1.9317e+02	4.0500e+00
	1140	0.0000e+00	0.0000e+00	0.0000e+00	1.7231e+02	1.6190e+02	5.1631e+00
	1129	0.0000e+00	0.0000e+00	0.0000e+00	2.8248e+02	1.4267e+02	-2.7285e+01
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.1855e+02	2.7757e+02	-1.9865e+00
	1138	0.0000e+00	0.0000e+00	0.0000e+00	1.1654e+02	2.5470e+02	2.2766e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	1.3703e+02	2.3165e+02	1.2239e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	2.4366e+02	2.3164e+02	-1.2513e+01
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	1.9723e+02	3.1161e+02	3.6728e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	9.6883e+01	2.8590e+02	5.2896e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	1.0949e+02	2.7515e+02	3.4105e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.1441e+02	2.9025e+02	1.7938e+01
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.8199e+02	3.0637e+02	8.0775e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	8.7103e+01	2.8214e+02	8.9498e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	9.1809e+01	2.8832e+02	6.6775e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	1.9335e+02	3.1343e+02	5.8052e+01
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.6884e+02	2.5135e+02	1.2029e+02

	1135	0.0000e+00	0.0000e+00	0.0000e+00	8.3009e+01	2.3639e+02	1.2446e+02
	1136	0.0000e+00	0.0000e+00	0.0000e+00	8.3721e+01	2.6719e+02	1.0464e+02
	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.7580e+02	2.9527e+02	1.0047e+02
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.4117e+02	1.2210e+02	1.4035e+02
	1134	0.0000e+00	0.0000e+00	0.0000e+00	9.3761e+01	1.3259e+02	1.4159e+02
	1135	0.0000e+00	0.0000e+00	0.0000e+00	8.1186e+01	2.0106e+02	1.3476e+02
	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.5603e+02	2.2639e+02	1.3352e+02
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	2.1713e+02	-1.1676e+02	1.2787e+02
	1133	0.0000e+00	0.0000e+00	0.0000e+00	-1.2872e+01	-9.4057e+01	1.2956e+02
	1134	0.0000e+00	0.0000e+00	0.0000e+00	8.4877e+01	8.9554e+01	1.5799e+02
	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.2249e+02	5.0514e+01	1.5630e+02
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	4.5429e+02	-1.4001e+02	-4.5796e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	4.2527e+02	-1.1099e+02	-2.2105e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.4395e+02	-1.5233e+02	5.2618e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	4.7926e+02	-1.8273e+02	-1.8430e+01
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	3.9861e+02	-1.8712e+01	-8.6165e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.7538e+02	-2.7408e+00	-3.7629e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	4.1560e+02	-7.9549e+01	-1.7340e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	4.4780e+02	-1.0763e+02	-6.5875e+01
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	3.3960e+02	1.1967e+02	-9.4119e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	3.2060e+02	1.1569e+02	-4.4276e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.5992e+02	3.6621e+01	-4.0081e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	3.9210e+02	2.3527e+01	-8.9924e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	2.9289e+02	2.3826e+02	-7.2459e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	2.7276e+02	2.1843e+02	-3.1884e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	3.0589e+02	1.5168e+02	-4.4457e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	3.3450e+02	1.5916e+02	-8.5032e+01
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	2.5993e+02	3.2124e+02	-3.2165e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.3670e+02	2.9143e+02	-3.0578e+00
	1128	0.0000e+00	0.0000e+00	0.0000e+00	2.6141e+02	2.4524e+02	-2.7456e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	2.8884e+02	2.6841e+02	-5.6563e+01
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	2.3681e+02	3.6223e+02	1.6607e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.1143e+02	3.2782e+02	3.6233e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.2865e+02	3.0761e+02	5.7791e+00
	1116	0.0000e+00	0.0000e+00	0.0000e+00	2.5574e+02	3.3932e+02	-1.3847e+01
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	2.1840e+02	3.5415e+02	6.5034e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.9304e+02	3.2158e+02	7.8404e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.0548e+02	3.3301e+02	4.7862e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	2.3059e+02	3.6676e+02	3.4493e+01
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	2.0039e+02	2.8355e+02	1.0331e+02
	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.7609e+02	2.6162e+02	1.1347e+02
	1125	0.0000e+00	0.0000e+00	0.0000e+00	1.8757e+02	3.1423e+02	9.0188e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	2.0764e+02	3.4286e+02	8.0021e+01
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.7783e+02	1.2615e+02	1.2159e+02
	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.6385e+02	1.2514e+02	1.2742e+02
	1124	0.0000e+00	0.0000e+00	0.0000e+00	1.6959e+02	2.3690e+02	1.1938e+02
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.8283e+02	2.5336e+02	1.1355e+02
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	1.7718e+02	-1.5462e+02	1.0982e+02
	1122	0.0000e+00	0.0000e+00	0.0000e+00	1.0804e+02	-1.3995e+02	1.1914e+02
	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.4964e+02	7.1405e+01	1.3352e+02
	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.5275e+02	5.4841e+01	1.2420e+02
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	3.9725e+02	-2.1265e+02	-9.3654e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	4.6667e+02	-1.5914e+02	-6.5306e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	4.8297e+02	-2.0324e+02	-7.0144e+00
	1110	0.0000e+00	0.0000e+00	0.0000e+00	4.3316e+02	-2.7631e+02	-3.5363e+01
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	3.3358e+02	-3.9522e+01	-1.5767e+02
	1119	0.0000e+00	0.0000e+00	0.0000e+00	4.0472e+02	-3.0291e+01	-9.9363e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	4.4818e+02	-1.1918e+02	-7.3479e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	3.9753e+02	-1.6615e+02	-1.3179e+02
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	2.7701e+02	1.4034e+02	-1.5470e+02
	1118	0.0000e+00	0.0000e+00	0.0000e+00	3.3679e+02	1.2050e+02	-9.9699e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	3.8246e+02	2.1684e+01	-1.0797e+02
	1108	0.0000e+00	0.0000e+00	0.0000e+00	3.3266e+02	1.9796e+01	-1.6297e+02

1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	2.3976e+02	2.8281e+02	-1.1326e+02
	1117	0.0000e+00	0.0000e+00	0.0000e+00	2.8367e+02	2.4860e+02	-7.3862e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	3.2040e+02	1.6485e+02	-1.0278e+02
	1107	0.0000e+00	0.0000e+00	0.0000e+00	2.7561e+02	1.9344e+02	-1.4218e+02
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	2.1682e+02	3.7603e+02	-5.8399e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	2.4790e+02	3.3637e+02	-3.2776e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	2.7382e+02	2.7925e+02	-7.0249e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	2.3810e+02	3.2096e+02	-9.5872e+01
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	2.0080e+02	4.1804e+02	-2.4304e+00
	1115	0.0000e+00	0.0000e+00	0.0000e+00	2.2388e+02	3.7837e+02	1.4436e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	2.4183e+02	3.5320e+02	-2.4376e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	2.1392e+02	3.9781e+02	-4.1243e+01
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.8702e+02	4.0230e+02	4.7860e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	2.0555e+02	3.6843e+02	5.9467e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	2.1901e+02	3.8111e+02	2.4631e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.9494e+02	4.2289e+02	1.3024e+01
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.7250e+02	3.1358e+02	8.5208e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.8964e+02	2.9330e+02	9.2937e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	2.0010e+02	3.5411e+02	6.7998e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.7627e+02	3.8799e+02	6.0269e+01
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.6582e+02	1.3082e+02	1.0363e+02
	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.6944e+02	1.2862e+02	1.0504e+02
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.8157e+02	2.5815e+02	9.6090e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.5629e+02	2.7540e+02	9.4678e+01
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	8.8784e+01	-1.7737e+02	8.8916e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	1.9252e+02	-1.5895e+02	9.6530e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.5661e+02	4.9278e+01	9.9592e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.3871e+02	6.1053e+01	9.1977e+01
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	2.0057e+02	-3.4063e+02	-1.6133e+02
	1109	0.0000e+00	0.0000e+00	0.0000e+00	3.9365e+02	-2.5678e+02	-1.1917e+02
	1110	0.0000e+00	0.0000e+00	0.0000e+00	4.1195e+02	-3.2348e+02	-1.7427e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	2.5994e+02	-4.6056e+02	-5.9593e+01
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	1.3661e+02	-4.6719e+01	-2.3641e+02
	1108	0.0000e+00	0.0000e+00	0.0000e+00	3.0929e+02	-5.6440e+01	-1.6596e+02
	1109	0.0000e+00	0.0000e+00	0.0000e+00	3.5844e+02	-1.9059e+02	-1.4420e+02
	1098	0.0000e+00	0.0000e+00	0.0000e+00	2.1724e+02	-2.4757e+02	-2.1465e+02
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	1.1524e+02	1.8566e+02	-1.9524e+02
	1107	0.0000e+00	0.0000e+00	0.0000e+00	2.3860e+02	1.4866e+02	-1.5281e+02
	1108	0.0000e+00	0.0000e+00	0.0000e+00	2.8300e+02	1.1134e+01	-1.8422e+02
	1097	0.0000e+00	0.0000e+00	0.0000e+00	1.4901e+02	4.2342e+01	-2.2666e+02
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.1610e+02	3.4412e+02	-1.2936e+02
	1106	0.0000e+00	0.0000e+00	0.0000e+00	2.0037e+02	3.0103e+02	-1.0947e+02
	1107	0.0000e+00	0.0000e+00	0.0000e+00	2.2864e+02	1.9480e+02	-1.5640e+02
	1096	0.0000e+00	0.0000e+00	0.0000e+00	1.2446e+02	2.5362e+02	-1.7629e+02
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.2122e+02	4.3802e+02	-6.6367e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.8161e+02	3.9536e+02	-5.6724e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.9863e+02	3.2827e+02	-1.0335e+02
	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.2196e+02	3.8685e+02	-1.1299e+02
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.2182e+02	4.7519e+02	-1.1062e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.6987e+02	4.3510e+02	-4.1951e+00
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.8128e+02	4.0828e+02	-4.6431e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.2306e+02	4.5991e+02	-5.3299e+01
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.1621e+02	4.5054e+02	3.6442e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.5905e+02	4.1554e+02	4.2481e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.6787e+02	4.3394e+02	6.2435e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.1852e+02	4.7763e+02	2.0505e-01
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.0546e+02	3.4463e+02	7.3267e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.5073e+02	3.2188e+02	7.6077e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.5475e+02	3.9563e+02	4.9312e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.0662e+02	4.3100e+02	4.6502e+01
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.1574e+02	1.3519e+02	9.3668e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.2840e+02	1.3027e+02	8.7963e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.4326e+02	2.7957e+02	7.8098e+01

	1091	0.0000e+00	0.0000e+00	0.0000e+00	9.0377e+01	2.9608e+02	8.3803e+01
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	-4.2488e+01	-2.0280e+02	6.6724e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	2.3901e+02	-1.6883e+02	7.1490e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.2166e+02	3.0415e+01	7.0896e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	8.3633e+01	6.5678e+01	6.6130e+01
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	-2.3999e+02	-5.5314e+02	-2.5642e+02
	1098	0.0000e+00	0.0000e+00	0.0000e+00	1.8633e+02	-4.1806e+02	-1.9663e+02
	1099	0.0000e+00	0.0000e+00	0.0000e+00	2.0784e+02	-5.5272e+02	-3.0688e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-1.5134e+02	-7.7796e+02	-9.0482e+01
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	-1.9250e+02	-2.0275e+01	-2.5829e+02
	1097	0.0000e+00	0.0000e+00	0.0000e+00	6.7894e+01	-4.2576e+01	-2.1872e+02
	1098	0.0000e+00	0.0000e+00	0.0000e+00	1.0377e+02	-2.8694e+02	-2.5090e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-1.5549e+02	-2.3938e+02	-2.9046e+02
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	-1.0133e+02	2.5834e+02	-1.5775e+02
	1096	0.0000e+00	0.0000e+00	0.0000e+00	3.9147e+01	2.1518e+02	-1.7492e+02
	1097	0.0000e+00	0.0000e+00	0.0000e+00	5.9357e+01	2.5513e+01	-2.4016e+02
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-1.5318e+02	1.2400e+02	-2.2298e+02
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	-2.9426e+01	4.1086e+02	-9.1609e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	5.6743e+01	3.7272e+02	-1.1659e+02
	1096	0.0000e+00	0.0000e+00	0.0000e+00	5.3971e+01	2.4949e+02	-1.7051e+02
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-7.2665e+01	3.2843e+02	-1.4553e+02
1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.6681e+01	4.9396e+02	-4.3717e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	7.6120e+01	4.6002e+02	-6.1275e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	7.1243e+01	3.9005e+02	-1.0366e+02
	1084	0.0000e+00	0.0000e+00	0.0000e+00	-1.0784e+01	4.4814e+02	-8.6099e+01
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	3.7375e+01	5.2263e+02	-6.0326e+00
	1093	0.0000e+00	0.0000e+00	0.0000e+00	8.5240e+01	4.9112e+02	-1.2809e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	8.4328e+01	4.6708e+02	-4.7479e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	2.5805e+01	5.1086e+02	-4.0703e+01
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	3.6203e+01	4.9237e+02	2.7090e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	8.2708e+01	4.6104e+02	2.9515e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	8.6009e+01	4.8697e+02	-7.9877e-01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	3.7370e+01	5.2147e+02	-3.2241e+00
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	1.6400e+01	3.8123e+02	5.9263e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	7.7858e+01	3.5013e+02	6.4623e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	7.6986e+01	4.3933e+02	3.6804e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	2.7146e+01	4.6865e+02	3.1444e+01
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	3.1937e+01	1.4867e+02	8.6045e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	4.7138e+01	1.2947e+02	8.0230e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	6.9488e+01	3.0457e+02	6.6980e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.1253e+00	3.1414e+02	7.2795e+01
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	-2.1732e+02	-2.4948e+02	4.1313e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	2.4996e+02	-1.8676e+02	4.4078e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	5.0860e+01	7.3193e+00	4.8748e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.3126e+01	5.9900e+01	4.5983e+01
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	-9.2655e+02	-8.6897e+01	-3.0634e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-5.1583e+02	-5.8392e+02	-1.5923e+02
	1088	0.0000e+00	0.0000e+00	0.0000e+00	1.5994e+01	-9.8322e+02	-9.9717e+01
	13	0.0000e+00	0.0000e+00	0.0000e+00	-1.6953e+03	-1.6095e+03	2.8880e+01
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	-4.8533e+02	1.0829e+02	-7.1743e+00
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-3.6094e+02	8.4781e+01	-1.8974e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-4.7486e+02	-3.4566e+02	-2.5143e+02
	215	0.0000e+00	0.0000e+00	0.0000e+00	-7.0772e+02	-2.3522e+02	-6.8862e+01
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	-2.5530e+02	3.2644e+02	-5.5185e-01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-1.9057e+02	3.0844e+02	-1.2068e+02
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-2.7658e+02	9.2556e+01	-1.5725e+02
	214	0.0000e+00	0.0000e+00	0.0000e+00	-3.9057e+02	1.5398e+02	-3.7124e+01
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	-1.2057e+02	4.5215e+02	2.6839e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	-8.0710e+01	4.3832e+02	-7.1579e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-1.3855e+02	3.1946e+02	-9.5010e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	-1.9953e+02	3.5651e+02	-2.0747e+01
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	-4.4887e+01	5.2141e+02	5.3627e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-1.6962e+01	5.0999e+02	-3.6310e+01

	1084	0.0000e+00	0.0000e+00	0.0000e+00	-4.9884e+01	4.4746e+02	-5.2421e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	-8.8730e+01	4.7103e+02	-1.0748e+01
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	-1.0937e+01	5.4269e+02	7.6822e+00
	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.1447e+01	5.3238e+02	-9.5088e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-1.7946e+00	5.1392e+02	-2.1737e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	-2.9364e+01	5.3017e+02	-4.5461e+00
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.0887e+01	5.0874e+02	1.0512e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	1.0495e+01	4.9731e+02	1.3283e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.3448e+01	5.2771e+02	2.4187e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	-8.7368e+00	5.3987e+02	-3.5145e-01
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	-4.4687e+01	3.9659e+02	1.5878e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.4745e+01	3.8002e+02	3.6011e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-4.7229e-01	4.7953e+02	2.3510e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-2.1873e+01	4.9011e+02	3.3771e+00
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.1642e+02	1.6174e+02	2.8330e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-6.9404e+01	1.2691e+02	6.7700e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-4.1875e+01	3.4259e+02	4.7565e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	-7.1421e+01	3.5149e+02	8.1955e+00
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-4.4685e+02	-4.5386e+02	2.9495e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	2.4063e+02	-2.2901e+02	3.4725e+00
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-7.6700e+01	-2.7220e+01	7.4810e+00
	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.7746e+02	1.8893e+02	3.3504e+01
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	-3.4632e+02	-4.5295e+02	1.2633e+02
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-8.1527e+02	-1.1111e+02	1.5685e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	-1.0868e+03	-1.2580e+03	5.7241e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.8827e+01	-6.9904e+02	2.6720e+01
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	-3.5828e+02	6.8892e+01	1.3765e+02
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-4.9335e+02	1.1644e+02	3.7747e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	-6.6760e+02	-1.3624e+02	1.1324e+02
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-3.6734e+02	-2.5327e+02	2.1314e+02
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	-2.8699e+02	2.1739e+02	5.8862e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-3.6636e+02	2.5760e+02	5.8673e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	-4.3440e+02	1.6359e+02	5.9719e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-3.1618e+02	8.6402e+01	1.1271e+02
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	-2.7161e+02	2.2064e+02	-2.2881e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-3.4747e+02	2.7258e+02	-2.3696e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	-3.4835e+02	2.7218e+02	2.4085e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-2.7222e+02	2.1996e+02	2.4900e+01
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	-3.1358e+02	8.8727e+01	-1.1042e+02
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-4.3079e+02	1.6532e+02	-5.9133e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-3.6465e+02	2.5822e+02	-5.5168e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-2.8562e+02	2.1792e+02	-5.6801e+01
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	-3.6311e+02	-2.4765e+02	-2.1026e+02
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-6.6031e+02	-1.3167e+02	-1.1224e+02
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-4.8872e+02	1.1860e+02	-3.7302e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-3.5484e+02	7.1225e+01	-1.3532e+02
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	-1.6920e+01	-6.8910e+02	-2.5896e+01
	19	0.0000e+00	0.0000e+00	0.0000e+00	-1.0746e+03	-1.2428e+03	-5.6775e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-8.0624e+02	-1.0671e+02	-1.5532e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-3.4198e+02	-4.4556e+02	-1.2444e+02
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	1.5127e+02	-2.9708e+02	1.0715e+02
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-1.8707e+02	-3.9082e+02	1.6714e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.0137e+02	-5.6077e+02	3.9848e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	1.7565e+02	-3.7700e+02	-2.0148e+01
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	4.2361e+01	-4.9371e+01	1.1561e+02
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-2.0717e+02	-6.5773e+00	1.7566e+02
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-1.3660e+02	-1.8015e+02	2.0442e+02
	1065	0.0000e+00	0.0000e+00	0.0000e+00	8.1986e+01	-2.0004e+02	1.4436e+02
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.0181e+01	9.6370e+01	5.0511e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-1.8361e+02	1.7454e+02	6.3877e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	-1.8674e+02	9.8943e+01	1.4286e+02
	1064	0.0000e+00	0.0000e+00	0.0000e+00	1.7473e+01	4.9218e+00	1.2950e+02
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	-1.3234e+01	1.1267e+02	-4.0035e+01



	1068	0.0000e+00	0.0000e+00	0.0000e+00	-1.7665e+02	2.0339e+02	-4.0372e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	-1.7714e+02	2.0307e+02	4.3029e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.3364e+01	1.1198e+02	4.3366e+01
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	1.7988e+01	7.3434e+00	-1.2606e+02
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-1.8495e+02	1.0083e+02	-1.3996e+02
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-1.8268e+02	1.7554e+02	-6.1152e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	-9.7798e+00	9.7240e+01	-4.7253e+01
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	8.2541e+01	-1.9539e+02	-1.4132e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-1.3433e+02	-1.7543e+02	-2.0138e+02
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-2.0490e+02	-3.5140e+00	-1.7251e+02
	1061	0.0000e+00	0.0000e+00	0.0000e+00	4.2907e+01	-4.6492e+01	-1.1245e+02
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	1.7595e+02	-3.7049e+02	2.1231e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-9.8655e+01	-5.5227e+02	-3.8702e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	-1.8408e+02	-3.8403e+02	-1.6451e+02
	1060	0.0000e+00	0.0000e+00	0.0000e+00	1.5140e+02	-2.9157e+02	-1.0457e+02
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	3.6183e+02	-1.8191e+02	3.9917e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	1.7664e+02	-2.3299e+02	7.2014e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	2.2605e+02	-3.1072e+02	2.0047e+00
	633	0.0000e+00	0.0000e+00	0.0000e+00	3.7131e+02	-2.0917e+02	-3.0093e+01
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	3.0200e+02	-7.6019e+01	6.1971e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	1.1470e+02	-4.4532e+01	1.1758e+02
	1065	0.0000e+00	0.0000e+00	0.0000e+00	1.8588e+02	-1.7776e+02	1.1404e+02
	1059	0.0000e+00	0.0000e+00	0.0000e+00	3.3286e+02	-1.3855e+02	5.8429e+01
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	2.5521e+02	1.1678e+01	2.8047e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	8.5762e+01	7.6702e+01	5.9191e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	1.2037e+02	3.2176e+00	1.0657e+02
	1058	0.0000e+00	0.0000e+00	0.0000e+00	2.7775e+02	-3.5045e+01	7.5426e+01
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	2.4687e+02	2.7336e+01	-2.9846e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	8.7741e+01	9.6081e+01	-2.9808e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	8.7695e+01	9.5661e+01	3.3323e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	2.4698e+02	2.6780e+01	3.3285e+01
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	2.7735e+02	-3.2994e+01	-7.2149e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	1.2052e+02	5.3329e+00	-1.0313e+02
	1062	0.0000e+00	0.0000e+00	0.0000e+00	8.5961e+01	7.7787e+01	-5.5654e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	2.5505e+02	1.2609e+01	-2.4670e+01
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	3.3215e+02	-1.3501e+02	-5.5778e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	1.8587e+02	-1.7354e+02	-1.1110e+02
	1061	0.0000e+00	0.0000e+00	0.0000e+00	1.1503e+02	-4.1704e+01	-1.1420e+02
	1055	0.0000e+00	0.0000e+00	0.0000e+00	3.0147e+02	-7.3491e+01	-5.8871e+01
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	3.7058e+02	-2.0458e+02	3.1598e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	2.2614e+02	-3.0498e+02	-5.0241e-01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	1.7684e+02	-2.2810e+02	-6.9573e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	3.6099e+02	-1.7792e+02	-3.7473e+01
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	5.0340e+02	-1.1633e+02	9.3156e+00
	1059	0.0000e+00	0.0000e+00	0.0000e+00	3.8710e+02	-1.4382e+02	2.0396e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	4.0807e+02	-1.7554e+02	-1.5822e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	5.0276e+02	-1.2408e+02	-2.6902e+01
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	4.7703e+02	-7.1742e+01	2.5818e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	3.4935e+02	-5.8275e+01	5.5551e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	3.8957e+02	-1.2522e+02	4.9065e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	4.9137e+02	-9.7608e+01	1.9332e+01
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	4.5110e+02	-2.8334e+01	1.1653e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	3.2263e+02	9.5340e+00	3.3561e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	3.5073e+02	-3.6639e+01	5.6912e+01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	4.6320e+02	-4.9678e+01	3.5005e+01
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	4.4525e+02	-1.8696e+01	-1.5942e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	3.2280e+02	1.9381e+01	-1.5759e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	3.2296e+02	1.8943e+01	1.9166e+01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	4.4543e+02	-1.9116e+01	1.8983e+01
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	4.6260e+02	-4.8034e+01	-3.2146e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	3.5022e+02	-3.4768e+01	-5.3696e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	3.2247e+02	1.0480e+01	-3.0187e+01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	4.5081e+02	-2.7505e+01	-8.6365e+00

1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	4.9048e+02	-9.4840e+01	-1.6898e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	3.8880e+02	-1.2194e+02	-4.6369e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	3.4888e+02	-5.5927e+01	-5.2489e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	4.7632e+02	-6.9689e+01	-2.3017e+01
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	5.0195e+02	-1.2046e+02	2.8769e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	4.0738e+02	-1.7133e+02	1.7638e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	3.8640e+02	-1.4018e+02	-1.8059e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	5.0250e+02	-1.1324e+02	-6.9285e+00
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	6.0082e+02	-8.2675e+01	5.5779e-01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	5.2585e+02	-9.4835e+01	-3.9793e-02
	622	0.0000e+00	0.0000e+00	0.0000e+00	5.3036e+02	-1.0623e+02	-1.6214e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	5.9521e+02	-8.3132e+01	-1.5616e+01
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	5.9210e+02	-6.3931e+01	8.4812e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	5.0962e+02	-5.7839e+01	2.0991e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	5.2760e+02	-8.9091e+01	1.7480e+01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	5.9708e+02	-7.5345e+01	4.9702e+00
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	5.8038e+02	-4.2958e+01	3.4932e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	4.9502e+02	-2.4643e+01	1.4801e+01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	5.1007e+02	-4.8938e+01	2.5238e+01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	5.8609e+02	-5.3375e+01	1.3930e+01
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	5.7749e+02	-3.7824e+01	-6.8326e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	4.9479e+02	-2.0069e+01	-6.6511e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	4.9498e+02	-2.0476e+01	9.6108e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	5.7764e+02	-3.8172e+01	9.4294e+00
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	5.8562e+02	-5.1959e+01	-1.1420e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	5.0949e+02	-4.7355e+01	-2.2411e+01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	4.9479e+02	-2.3868e+01	-1.1879e+01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	5.8016e+02	-4.2223e+01	-8.8891e-01
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	5.9648e+02	-7.2931e+01	-2.6092e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	5.2681e+02	-8.6427e+01	-1.4953e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	5.0904e+02	-5.5921e+01	-1.8286e+01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	5.9160e+02	-6.2151e+01	-5.9425e+00
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	5.9479e+02	-7.9842e+01	1.7857e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	5.2970e+02	-1.0274e+02	1.8349e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	5.2510e+02	-9.1910e+01	2.3624e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	6.0028e+02	-7.9961e+01	1.8707e+00
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	6.5637e+02	-7.0307e+01	2.4373e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	6.1763e+02	-7.2445e+01	-3.1646e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	6.1381e+02	-7.4699e+01	-6.5673e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	6.4991e+02	-6.9419e+01	-9.6539e-01
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	6.5421e+02	-5.9082e+01	1.6207e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	6.1289e+02	-5.6254e+01	6.2554e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	6.1910e+02	-7.0543e+01	6.2144e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	6.5650e+02	-6.7626e+01	1.5797e+00
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	6.4870e+02	-4.5727e+01	-1.6926e-01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	6.0592e+02	-3.9304e+01	5.5664e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	6.1273e+02	-5.1661e+01	9.4223e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	6.5242e+02	-5.3644e+01	3.6867e+00
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	6.4763e+02	-4.2694e+01	-1.6262e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	6.0550e+02	-3.6617e+01	-1.5044e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	6.0563e+02	-3.7004e+01	4.0538e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	6.4772e+02	-4.3044e+01	3.9320e+00
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	6.5221e+02	-5.2230e+01	-1.3464e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	6.1233e+02	-5.0214e+01	-6.8903e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	6.0575e+02	-3.8622e+01	-3.0368e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	6.4862e+02	-4.5006e+01	2.5071e+00
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	6.5635e+02	-6.5177e+01	8.7899e-01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	6.1863e+02	-6.8097e+01	-3.7163e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	6.1249e+02	-5.4534e+01	-3.7791e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	6.5405e+02	-5.7318e+01	8.1625e-01
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	6.5007e+02	-6.5963e+01	3.6719e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	6.1358e+02	-7.1355e+01	9.0832e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	6.1722e+02	-6.9767e+01	5.5902e+00

	1036	0.0000e+00	0.0000e+00	0.0000e+00	6.5635e+02	-6.7544e+01	1.7893e-01
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	6.5530e+02	-7.4718e+01	6.2983e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	6.6319e+02	-6.9476e+01	8.3331e-01
	600	0.0000e+00	0.0000e+00	0.0000e+00	6.5653e+02	-6.8546e+01	7.1233e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	6.5193e+02	-7.7015e+01	1.2588e+01
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	6.5172e+02	-5.7936e+01	-3.2746e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	6.6088e+02	-5.7907e+01	8.7994e-01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	6.6309e+02	-6.6784e+01	3.2260e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	6.5713e+02	-7.1870e+01	-9.2851e-01
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	6.4680e+02	-4.1861e+01	-2.9170e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	6.5549e+02	-4.4452e+01	1.9060e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	6.5917e+02	-5.2868e+01	6.0418e-01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	6.5198e+02	-5.2622e+01	-4.2188e+00
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	6.4669e+02	-3.8817e+01	2.4191e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	6.5458e+02	-4.1678e+01	2.4728e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	6.5464e+02	-4.2088e+01	-1.4921e-01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	6.4673e+02	-3.9233e+01	-2.0294e-01
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	6.5202e+02	-5.0989e+01	6.5945e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	6.5903e+02	-5.1356e+01	1.8269e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	6.5543e+02	-4.3754e+01	4.1941e-01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	6.4687e+02	-4.1053e+01	5.1870e+00
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	6.5743e+02	-6.9043e+01	3.6712e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	6.6304e+02	-6.4198e+01	-5.7311e-01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	6.6078e+02	-5.6123e+01	1.5619e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	6.5190e+02	-5.5932e+01	5.8063e+00
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	6.5268e+02	-7.2981e+01	-9.2788e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	6.5687e+02	-6.4897e+01	-4.1035e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	6.6324e+02	-6.6643e+01	1.8525e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	6.5580e+02	-7.1543e+01	-3.3228e+00
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	5.6424e+02	-9.5513e+01	4.5705e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	6.4511e+02	-8.4258e+01	4.1376e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	6.3997e+02	-8.4866e+01	1.9947e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	5.6859e+02	-1.0808e+02	2.0380e+01
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	5.5436e+02	-5.6505e+01	-1.2370e+01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	6.3688e+02	-6.3400e+01	-2.9178e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	6.4090e+02	-7.6199e+01	-1.3601e+00
	1029	0.0000e+00	0.0000e+00	0.0000e+00	5.6769e+02	-8.6490e+01	-1.0812e+01
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	5.4886e+02	-3.0285e+01	-6.1095e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	6.2823e+02	-4.3624e+01	1.6759e-01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	6.3276e+02	-5.4578e+01	-8.7814e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	5.5585e+02	-4.8408e+01	-1.5058e+01
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	5.4933e+02	-2.6245e+01	7.2604e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	6.2677e+02	-3.9615e+01	7.2643e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	6.2678e+02	-4.0095e+01	-4.9554e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	5.4933e+02	-2.6826e+01	-4.9593e+00
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	5.5606e+02	-4.6299e+01	1.7640e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	6.3283e+02	-5.2801e+01	1.1324e+01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	6.2826e+02	-4.2796e+01	2.1649e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	5.4904e+02	-2.9332e+01	8.4807e+00
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	5.6829e+02	-8.2926e+01	1.4004e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	6.4122e+02	-7.3155e+01	4.3666e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	6.3704e+02	-6.1295e+01	5.5295e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	5.5479e+02	-5.4058e+01	1.5166e+01
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	5.6974e+02	-1.0307e+02	-1.6338e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	6.4084e+02	-8.0539e+01	-1.6271e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	6.4560e+02	-8.0920e+01	-1.0138e+00
	1024	0.0000e+00	0.0000e+00	0.0000e+00	5.6511e+02	-9.1651e+01	-1.0809e+00
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	3.2068e+02	-1.4272e+02	-1.0507e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	5.2623e+02	-1.1932e+02	-1.9418e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	5.2496e+02	-1.3011e+02	2.8372e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	3.3767e+02	-1.7279e+02	1.9806e+01
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	3.1775e+02	-6.6458e+01	-2.1525e+01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	5.0664e+02	-6.6231e+01	-1.1009e+01

	1029	0.0000e+00	0.0000e+00	0.0000e+00	5.0898e+02	-9.8426e+01	-1.9354e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	3.3471e+02	-8.0006e+01	-2.9870e+01
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	3.1895e+02	-1.8262e+01	-6.2186e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	4.9547e+02	-3.4815e+01	-1.9850e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	4.9893e+02	-5.4910e+01	-2.3208e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	3.2326e+02	-2.5198e+01	-2.7441e+01
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	3.2087e+02	-3.9173e+00	1.3374e+01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	4.9339e+02	-3.0170e+01	1.3319e+01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	4.9330e+02	-3.0794e+01	-1.0932e+01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	3.2086e+02	-4.1799e+00	-1.0877e+01
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	3.2357e+02	-2.2958e+01	3.0280e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	4.9920e+02	-5.2647e+01	2.5931e+01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	4.9552e+02	-3.3773e+01	4.4242e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	3.1927e+02	-1.6577e+01	8.7733e+00
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	3.3537e+02	-7.5783e+01	3.3534e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	5.0956e+02	-9.4614e+01	2.2822e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	5.0689e+02	-6.3550e+01	1.3871e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	3.1839e+02	-6.2869e+01	2.4584e+01
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	3.3882e+02	-1.6688e+02	-1.5021e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	5.2620e+02	-1.2477e+02	-2.3979e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	5.2695e+02	-1.1519e+02	5.5900e+00
	1012	0.0000e+00	0.0000e+00	0.0000e+00	3.2162e+02	-1.3753e+02	1.4548e+01
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	-1.1475e+02	1.1299e+02	9.6953e-01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	1.8409e+02	-1.7105e+02	3.1698e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	3.4132e+02	-2.1130e+02	1.8993e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.1561e+02	-4.6765e+02	-1.1736e+01
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	-9.0159e+01	1.1564e+02	-2.7530e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	1.8447e+02	-6.7949e+01	4.4280e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	2.2867e+02	-1.1626e+02	-8.1875e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-1.2118e+02	-2.7235e+02	-1.5369e+01
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	-7.6960e+01	8.0064e+01	2.8534e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	1.9693e+02	-2.3851e+01	4.8688e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	2.1726e+02	-4.7678e+01	-1.1647e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-9.3587e+01	-1.1559e+02	-1.3662e+01
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	-7.7522e+01	5.7435e+00	1.0636e+01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	2.0797e+02	-1.6327e+01	1.0672e+01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	2.0847e+02	-1.6941e+01	-7.3069e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-7.7949e+01	1.8227e-01	-7.3423e+00
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	-9.2528e+01	-1.0766e+02	1.7165e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	2.1702e+02	-4.4985e+01	1.5299e+01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	1.9775e+02	-2.2357e+01	-1.4166e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-7.6681e+01	7.6757e+01	4.4906e-01
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	-1.1981e+02	-2.6194e+02	1.9343e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	2.2834e+02	-1.1160e+02	1.2598e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	1.8547e+02	-6.4246e+01	-4.7584e-01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-8.9321e+01	1.1459e+02	6.2695e+00
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	-2.1677e+02	-4.5496e+02	1.6582e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	3.4211e+02	-2.0505e+02	-1.3044e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	1.8485e+02	-1.6547e+02	-2.6900e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-1.1387e+02	1.1465e+02	2.7259e+00
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	-3.4199e+02	-4.4549e+02	1.2444e+02
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-8.0622e+02	-1.0669e+02	1.5530e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.0746e+03	-1.2426e+03	5.6805e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	-1.6967e+01	-6.8906e+02	2.5941e+01
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	-3.5484e+02	7.1246e+01	1.3532e+02
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-4.8872e+02	1.1862e+02	3.7294e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	-6.6030e+02	-1.3163e+02	1.1223e+02
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-3.6311e+02	-2.4761e+02	2.1025e+02
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	-2.8561e+02	2.1793e+02	5.6794e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-3.6465e+02	2.5823e+02	5.5082e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	-4.3079e+02	1.6533e+02	5.9124e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-3.1358e+02	8.8746e+01	1.1041e+02
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	-2.7222e+02	2.1996e+02	-2.4907e+01

	1008	0.0000e+00	0.0000e+00	0.0000e+00	-3.4835e+02	2.7218e+02	-2.4094e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	-3.4747e+02	2.7258e+02	2.3687e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	-2.7160e+02	2.2064e+02	2.2874e+01
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	-3.1617e+02	8.6380e+01	-1.1272e+02
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-4.3440e+02	1.6357e+02	-5.9727e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-3.6636e+02	2.5759e+02	-5.8750e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-2.8698e+02	2.1738e+02	-5.8868e+01
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	-3.6732e+02	-2.5332e+02	-2.1315e+02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-6.6761e+02	-1.3628e+02	-1.1325e+02
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-4.9335e+02	1.1641e+02	-3.7753e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-3.5827e+02	6.8867e+01	-1.3765e+02
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	-1.8776e+01	-6.9907e+02	-2.6667e+01
	14	0.0000e+00	0.0000e+00	0.0000e+00	-1.0868e+03	-1.2582e+03	-5.7211e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-8.1529e+02	-1.1114e+02	-1.5686e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	-3.4628e+02	-4.5302e+02	-1.2632e+02
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	1.5138e+02	-2.9154e+02	1.0458e+02
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-1.8409e+02	-3.8398e+02	1.6452e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	-9.8666e+01	-5.5225e+02	3.8721e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.7593e+02	-3.7046e+02	-2.1213e+01
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	4.2898e+01	-4.6469e+01	1.1245e+02
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-2.0490e+02	-3.4877e+00	1.7250e+02
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-1.3434e+02	-1.7539e+02	2.0138e+02
	999	0.0000e+00	0.0000e+00	0.0000e+00	8.2527e+01	-1.9536e+02	1.4133e+02
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	-9.7742e+00	9.7249e+01	4.7255e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	-1.8268e+02	1.7555e+02	6.1146e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	-1.8495e+02	1.0085e+02	1.3995e+02
	998	0.0000e+00	0.0000e+00	0.0000e+00	1.7984e+01	7.3618e+00	1.2606e+02
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	-1.3347e+01	1.1197e+02	-4.3363e+01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-1.7713e+02	2.0306e+02	-4.3034e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	-1.7665e+02	2.0339e+02	4.0367e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	-1.3226e+01	1.1267e+02	4.0038e+01
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	1.7502e+01	4.9035e+00	-1.2949e+02
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-1.8672e+02	9.8925e+01	-1.4287e+02
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-1.8359e+02	1.7453e+02	-6.3882e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	-1.0160e+01	9.6361e+01	-5.0508e+01
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	8.2025e+01	-2.0007e+02	-1.4435e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	-1.3657e+02	-1.8019e+02	-2.0441e+02
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-2.0715e+02	-6.6040e+00	-1.7567e+02
	995	0.0000e+00	0.0000e+00	0.0000e+00	4.2396e+01	-4.9394e+01	-1.1560e+02
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	1.7570e+02	-3.7702e+02	2.0168e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	-1.0134e+02	-5.6079e+02	-3.9823e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	-1.8703e+02	-3.9086e+02	-1.6713e+02
	994	0.0000e+00	0.0000e+00	0.0000e+00	1.5131e+02	-2.9711e+02	-1.0714e+02
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	3.6097e+02	-1.7790e+02	3.7489e+01
	999	0.0000e+00	0.0000e+00	0.0000e+00	1.7682e+02	-2.2807e+02	6.9588e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	2.2612e+02	-3.0496e+02	5.1714e-01
	399	0.0000e+00	0.0000e+00	0.0000e+00	3.7056e+02	-2.0456e+02	-3.1581e+01
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	3.0147e+02	-7.3471e+01	5.8887e+01
	998	0.0000e+00	0.0000e+00	0.0000e+00	1.1502e+02	-4.1683e+01	1.1420e+02
	999	0.0000e+00	0.0000e+00	0.0000e+00	1.8585e+02	-1.7352e+02	1.1111e+02
	993	0.0000e+00	0.0000e+00	0.0000e+00	3.3214e+02	-1.3499e+02	5.5796e+01
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	2.5506e+02	1.2618e+01	2.4686e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	8.5968e+01	7.7797e+01	5.5660e+01
	998	0.0000e+00	0.0000e+00	0.0000e+00	1.2052e+02	5.3502e+00	1.0314e+02
	992	0.0000e+00	0.0000e+00	0.0000e+00	2.7735e+02	-3.2977e+01	7.2166e+01
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	2.4701e+02	2.6775e+01	-3.3268e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	8.7715e+01	9.5658e+01	-3.3317e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	8.7750e+01	9.6085e+01	2.9814e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	2.4688e+02	2.7341e+01	2.9863e+01
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	2.7779e+02	-3.5060e+01	-7.5408e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	1.2040e+02	3.2012e+00	-1.0656e+02
	996	0.0000e+00	0.0000e+00	0.0000e+00	8.5785e+01	7.6694e+01	-5.9184e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	2.5524e+02	1.1669e+01	-2.8030e+01

1611	988	0.0000e+00	0.0000e+00	0.0000e+00	3.3291e+02	-1.3857e+02	-5.8410e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	1.8592e+02	-1.7778e+02	-1.1403e+02
	995	0.0000e+00	0.0000e+00	0.0000e+00	1.1474e+02	-4.4552e+01	-1.1757e+02
	989	0.0000e+00	0.0000e+00	0.0000e+00	3.0204e+02	-7.6037e+01	-6.1954e+01
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	3.7137e+02	-2.0919e+02	3.0110e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	2.2609e+02	-3.1073e+02	-1.9882e+00
	994	0.0000e+00	0.0000e+00	0.0000e+00	1.7668e+02	-2.3302e+02	-7.1997e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	3.6188e+02	-1.8194e+02	-3.9900e+01
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	5.0248e+02	-1.1321e+02	6.9541e+00
	993	0.0000e+00	0.0000e+00	0.0000e+00	3.8639e+02	-1.4016e+02	1.8080e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	4.0736e+02	-1.7131e+02	-1.7622e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	5.0192e+02	-1.2043e+02	-2.8748e+01
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	4.7632e+02	-6.9667e+01	2.3048e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	3.4888e+02	-5.5907e+01	5.2510e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	3.8878e+02	-1.2192e+02	4.6389e+01
	987	0.0000e+00	0.0000e+00	0.0000e+00	4.9047e+02	-9.4813e+01	1.6927e+01
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	4.5082e+02	-2.7496e+01	8.6715e+00
	991	0.0000e+00	0.0000e+00	0.0000e+00	3.2248e+02	1.0490e+01	3.0209e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	3.5022e+02	-3.4752e+01	5.3717e+01
	986	0.0000e+00	0.0000e+00	0.0000e+00	4.6260e+02	-4.8015e+01	3.2180e+01
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	4.4546e+02	-1.9121e+01	-1.8947e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	3.2299e+02	1.8940e+01	-1.9144e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	3.2281e+02	1.9386e+01	1.5781e+01
	985	0.0000e+00	0.0000e+00	0.0000e+00	4.4527e+02	-1.8690e+01	1.5978e+01
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	4.6324e+02	-4.9696e+01	-3.4972e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	3.5077e+02	-3.6653e+01	-5.6892e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	3.2266e+02	9.5255e+00	-3.3538e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	4.5113e+02	-2.8343e+01	-1.1618e+01
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	4.9143e+02	-9.7634e+01	-1.9304e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	3.8962e+02	-1.2524e+02	-4.9046e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	3.4940e+02	-5.8293e+01	-5.5529e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	4.7708e+02	-7.1763e+01	-2.5787e+01
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	5.0283e+02	-1.2411e+02	2.6921e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	4.0813e+02	-1.7556e+02	1.5837e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	3.8716e+02	-1.4384e+02	-2.0375e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	5.0346e+02	-1.1636e+02	-9.2910e+00
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	6.0027e+02	-7.9921e+01	-1.8333e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	5.2508e+02	-9.1879e+01	-2.3319e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	5.2967e+02	-1.0271e+02	-1.8327e+01
	377	0.0000e+00	0.0000e+00	0.0000e+00	5.9476e+02	-7.9799e+01	-1.7828e+01
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	5.9160e+02	-6.2122e+01	5.9918e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	5.0903e+02	-5.5897e+01	1.8324e+01
	987	0.0000e+00	0.0000e+00	0.0000e+00	5.2679e+02	-8.6399e+01	1.4984e+01
	981	0.0000e+00	0.0000e+00	0.0000e+00	5.9647e+02	-7.2893e+01	2.6522e+00
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	5.8018e+02	-4.2210e+01	9.4524e-01
	985	0.0000e+00	0.0000e+00	0.0000e+00	4.9481e+02	-2.3856e+01	1.1920e+01
	986	0.0000e+00	0.0000e+00	0.0000e+00	5.0949e+02	-4.7336e+01	2.2448e+01
	980	0.0000e+00	0.0000e+00	0.0000e+00	5.8563e+02	-5.1934e+01	1.1474e+01
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	5.7768e+02	-3.8179e+01	-9.3720e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	4.9502e+02	-2.0480e+01	-9.5699e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	4.9481e+02	-2.0064e+01	6.6924e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	5.7752e+02	-3.7817e+01	6.8904e+00
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	5.8615e+02	-5.3399e+01	-1.3877e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	5.1012e+02	-4.8956e+01	-2.5201e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	4.9506e+02	-2.4653e+01	-1.4760e+01
	978	0.0000e+00	0.0000e+00	0.0000e+00	5.8042e+02	-4.2970e+01	-3.4369e+00
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	5.9716e+02	-7.5383e+01	-4.9294e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	5.2766e+02	-8.9118e+01	-1.7450e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	5.0968e+02	-5.7862e+01	-2.0954e+01
	977	0.0000e+00	0.0000e+00	0.0000e+00	5.9216e+02	-6.3960e+01	-8.4327e+00
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	5.9529e+02	-8.3175e+01	1.5641e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	5.3044e+02	-1.0626e+02	1.6232e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	5.2592e+02	-9.4865e+01	6.8924e-02

	976	0.0000e+00	0.0000e+00	0.0000e+00	6.0090e+02	-8.2715e+01	-5.2253e-01
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	6.5634e+02	-6.7485e+01	-1.2730e-01
	981	0.0000e+00	0.0000e+00	0.0000e+00	6.1720e+02	-6.9722e+01	-5.5471e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	6.1355e+02	-7.1307e+01	-9.0543e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	6.5004e+02	-6.5898e+01	-3.6345e+00
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	6.5405e+02	-5.7275e+01	-7.4601e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	6.1249e+02	-5.4500e+01	3.8352e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	6.1861e+02	-6.8056e+01	3.7618e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	6.5634e+02	-6.5122e+01	-8.1939e-01
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	6.4864e+02	-4.4987e+01	-2.4259e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	6.0577e+02	-3.8606e+01	3.1001e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	6.1233e+02	-5.0187e+01	6.9480e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	6.5221e+02	-5.2195e+01	1.4220e+00
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	6.4776e+02	-4.3053e+01	-3.8491e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	6.0567e+02	-3.7010e+01	-3.9901e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	6.0552e+02	-3.6610e+01	1.5683e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	6.4765e+02	-4.2684e+01	1.7093e+00
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	6.5249e+02	-5.3680e+01	-3.6117e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	6.1279e+02	-5.1687e+01	-9.3655e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	6.0597e+02	-3.9319e+01	-5.5032e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	6.4875e+02	-4.5745e+01	2.5056e-01
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	6.5659e+02	-6.7683e+01	-1.5223e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	6.1918e+02	-7.0584e+01	-6.1713e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	6.1296e+02	-5.6288e+01	-6.2001e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	6.5428e+02	-5.9126e+01	-1.5511e+00
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	6.5000e+02	-6.9485e+01	9.9807e-01
	274	0.0000e+00	0.0000e+00	0.0000e+00	6.1390e+02	-7.4747e+01	6.5920e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	6.1772e+02	-7.2490e+01	3.2055e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	6.5646e+02	-7.0369e+01	-2.3885e+00
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	6.5579e+02	-7.1454e+01	3.3898e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	6.6322e+02	-6.6576e+01	-1.7945e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	6.5684e+02	-6.4825e+01	4.1411e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	6.5265e+02	-7.2886e+01	9.3255e+00
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	6.5190e+02	-5.5870e+01	-5.7132e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	6.6077e+02	-5.6075e+01	-1.4845e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	6.6302e+02	-6.4137e+01	6.3549e-01
	969	0.0000e+00	0.0000e+00	0.0000e+00	6.5741e+02	-6.8963e+01	-3.5932e+00
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	6.4689e+02	-4.1026e+01	-5.0796e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	6.5545e+02	-4.3733e+01	-3.3098e-01
	974	0.0000e+00	0.0000e+00	0.0000e+00	6.5903e+02	-5.1317e+01	-1.7463e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	6.5202e+02	-5.0939e+01	-6.4949e+00
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	6.4677e+02	-3.9245e+01	3.1289e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	6.5468e+02	-4.2097e+01	2.3889e-01
	973	0.0000e+00	0.0000e+00	0.0000e+00	6.5460e+02	-4.1668e+01	-2.3833e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	6.4672e+02	-3.8804e+01	-2.3093e+00
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	6.5205e+02	-5.2673e+01	4.3191e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	6.5924e+02	-5.2907e+01	-5.2376e-01
	972	0.0000e+00	0.0000e+00	0.0000e+00	6.5554e+02	-4.4473e+01	-1.8176e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	6.4685e+02	-4.1887e+01	3.0252e+00
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	6.5722e+02	-7.1955e+01	1.0055e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	6.6318e+02	-6.6847e+01	-3.1658e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	6.6096e+02	-5.7957e+01	-8.0305e-01
	965	0.0000e+00	0.0000e+00	0.0000e+00	6.5179e+02	-5.8000e+01	3.3683e+00
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	6.5203e+02	-7.7117e+01	-1.2547e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	6.5663e+02	-6.8621e+01	-7.0911e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	6.6328e+02	-6.9546e+01	-7.7780e-01
	964	0.0000e+00	0.0000e+00	0.0000e+00	6.5539e+02	-7.4812e+01	-6.2337e+00
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	5.6511e+02	-9.1524e+01	1.1630e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	6.4557e+02	-8.0821e+01	1.0873e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	6.4081e+02	-8.0431e+01	1.6317e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	5.6973e+02	-1.0293e+02	1.6392e+01
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	5.5480e+02	-5.3974e+01	-1.5052e+01
	968	0.0000e+00	0.0000e+00	0.0000e+00	6.3704e+02	-6.1226e+01	-5.4304e+00

	969	0.0000e+00	0.0000e+00	0.0000e+00	6.4120e+02	-7.3065e+01	-4.2858e+00
	963	0.0000e+00	0.0000e+00	0.0000e+00	5.6829e+02	-8.2812e+01	-1.3907e+01
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	5.4906e+02	-2.9297e+01	-8.3516e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	6.2828e+02	-4.2767e+01	-2.0519e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	6.3284e+02	-5.2744e+01	-1.1219e+01
	962	0.0000e+00	0.0000e+00	0.0000e+00	5.5607e+02	-4.6230e+01	-1.7519e+01
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	5.4937e+02	-2.6842e+01	5.0912e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	6.2682e+02	-4.0109e+01	5.0711e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	6.2680e+02	-3.9600e+01	-7.1495e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	5.4935e+02	-2.6226e+01	-7.1294e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	5.5590e+02	-4.8478e+01	1.5182e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	6.3283e+02	-5.4636e+01	8.8874e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	6.2828e+02	-4.3652e+01	-5.4191e-02
	960	0.0000e+00	0.0000e+00	0.0000e+00	5.4889e+02	-3.0318e+01	6.2400e+00
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	5.6775e+02	-8.6613e+01	1.0910e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	6.4099e+02	-7.6295e+01	1.4404e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	6.3695e+02	-6.3472e+01	3.0174e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	5.5441e+02	-5.6592e+01	1.2487e+01
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	5.6867e+02	-1.0823e+02	-2.0331e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	6.4007e+02	-8.4983e+01	-1.9908e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	6.4521e+02	-8.4365e+01	-4.0658e+00
	958	0.0000e+00	0.0000e+00	0.0000e+00	5.6431e+02	-9.5652e+01	-4.4890e+00
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	3.2166e+02	-1.3735e+02	-1.4454e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	5.2694e+02	-1.1505e+02	-5.5004e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	5.2618e+02	-1.2461e+02	2.4030e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	3.3885e+02	-1.6669e+02	1.5077e+01
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	3.1842e+02	-6.2747e+01	-2.4460e+01
	962	0.0000e+00	0.0000e+00	0.0000e+00	5.0689e+02	-6.3461e+01	-1.3754e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	5.0956e+02	-9.4486e+01	-2.2720e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	3.3540e+02	-7.5654e+01	-3.3427e+01
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	3.1930e+02	-1.6517e+01	-8.6390e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	4.9554e+02	-3.3738e+01	-4.2925e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	4.9921e+02	-5.2570e+01	-2.5806e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	3.2360e+02	-2.2891e+01	-3.0153e+01
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	3.2088e+02	-4.1807e+00	1.1014e+01
	960	0.0000e+00	0.0000e+00	0.0000e+00	4.9333e+02	-3.0815e+01	1.1067e+01
	961	0.0000e+00	0.0000e+00	0.0000e+00	4.9342e+02	-3.0146e+01	-1.3185e+01
	952	0.0000e+00	0.0000e+00	0.0000e+00	3.2089e+02	-3.9101e+00	-1.3238e+01
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	3.2327e+02	-2.5262e+01	2.7573e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	4.9897e+02	-5.4989e+01	2.3336e+01
	960	0.0000e+00	0.0000e+00	0.0000e+00	4.9551e+02	-3.4848e+01	2.1176e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	3.1896e+02	-1.8318e+01	6.3539e+00
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	3.3471e+02	-8.0141e+01	2.9983e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	5.0903e+02	-9.8565e+01	1.9460e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	5.0669e+02	-6.6324e+01	1.1128e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	3.1775e+02	-6.6585e+01	2.1652e+01
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	3.3768e+02	-1.7302e+02	-1.9754e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	5.2503e+02	-1.3028e+02	-2.8327e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	5.2630e+02	-1.1948e+02	2.0324e+00
	946	0.0000e+00	0.0000e+00	0.0000e+00	3.2067e+02	-1.4293e+02	1.0605e+01
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.1375e+02	1.1467e+02	-2.6657e+00
	956	0.0000e+00	0.0000e+00	0.0000e+00	1.8492e+02	-1.6527e+02	2.6961e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	3.4208e+02	-2.0482e+02	1.3093e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1655e+02	-4.5453e+02	-1.6533e+01
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	-8.9256e+01	1.1455e+02	-6.1855e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	1.8554e+02	-6.4136e+01	5.6845e-01
	956	0.0000e+00	0.0000e+00	0.0000e+00	2.2837e+02	-1.1144e+02	-1.2516e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.1970e+02	-2.6160e+02	-1.9270e+01
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	-7.6661e+01	7.6653e+01	-3.5425e-01
	952	0.0000e+00	0.0000e+00	0.0000e+00	1.9779e+02	-2.2312e+01	1.5210e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	2.1704e+02	-4.4895e+01	-1.5201e+01
	955	0.0000e+00	0.0000e+00	0.0000e+00	-9.2465e+01	-1.0741e+02	-1.7076e+01
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-7.7976e+01	4.3483e-03	7.4387e+00



	950	0.0000e+00	0.0000e+00	0.0000e+00	2.0849e+02	-1.6960e+01	7.4132e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	2.0797e+02	-1.6303e+01	-1.0566e+01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-7.7505e+01	5.9272e+00	-1.0540e+01
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-9.3663e+01	-1.1586e+02	1.3751e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	2.1726e+02	-4.7767e+01	1.1745e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	1.9691e+02	-2.3893e+01	-4.7650e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	-7.6990e+01	8.0189e+01	-2.7593e+00
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-1.2131e+02	-2.7273e+02	1.5438e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	2.2865e+02	-1.1643e+02	8.2671e+00
	948	0.0000e+00	0.0000e+00	0.0000e+00	1.8442e+02	-6.8062e+01	-4.3363e+00
	949	0.0000e+00	0.0000e+00	0.0000e+00	-9.0237e+01	1.1571e+02	2.8343e+00
1661	234	0.0000e+00	0.0000e+00	0.0000e+00	-2.1590e+02	-4.6817e+02	1.1777e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	3.4139e+02	-2.1157e+02	-1.8945e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	1.8401e+02	-1.7127e+02	-3.1645e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-1.1489e+02	1.1302e+02	-9.2254e-01
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	-3.7055e+02	-5.0185e+02	1.5231e+02
	945	0.0000e+00	0.0000e+00	0.0000e+00	-7.8953e+02	-1.0292e+02	1.5961e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	-1.1446e+03	-1.3985e+03	6.6236e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-8.0145e-01	-8.1347e+02	5.8940e+01
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	-3.0976e+02	7.8268e+01	1.7206e+02
	944	0.0000e+00	0.0000e+00	0.0000e+00	-4.3466e+02	1.1708e+02	4.6311e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	-6.2905e+02	-1.7666e+02	1.1801e+02
	938	0.0000e+00	0.0000e+00	0.0000e+00	-3.6773e+02	-2.8075e+02	2.4375e+02
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	-1.9944e+02	2.5828e+02	9.4184e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	-2.5828e+02	2.8997e+02	1.6833e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	-3.6177e+02	1.6399e+02	6.6670e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	-2.5118e+02	9.6350e+01	1.4402e+02
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	-1.4498e+02	3.1854e+02	2.5839e+01
	942	0.0000e+00	0.0000e+00	0.0000e+00	-1.8628e+02	3.5043e+02	-5.1903e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	-2.2510e+02	3.0799e+02	3.2528e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	-1.6843e+02	2.6470e+02	6.3557e+01
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	-1.4716e+02	2.9126e+02	-3.9641e+01
	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.9765e+02	3.3061e+02	-2.7768e+01
	942	0.0000e+00	0.0000e+00	0.0000e+00	-1.8119e+02	3.5214e+02	8.4684e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	-1.3980e+02	3.1927e+02	-3.4048e+00
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	-2.0230e+02	1.6219e+02	-1.1369e+02
	940	0.0000e+00	0.0000e+00	0.0000e+00	-2.9597e+02	2.2104e+02	-5.7947e+01
	941	0.0000e+00	0.0000e+00	0.0000e+00	-2.1947e+02	3.1716e+02	-1.3138e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-1.6693e+02	2.8669e+02	-6.8880e+01
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	-2.9147e+02	-1.4270e+02	-2.0230e+02
	939	0.0000e+00	0.0000e+00	0.0000e+00	-5.1031e+02	-5.3822e+01	-1.0203e+02
	940	0.0000e+00	0.0000e+00	0.0000e+00	-3.5315e+02	1.8315e+02	-3.9745e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-2.4741e+02	1.4789e+02	-1.4002e+02
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	8.5996e+00	-5.7927e+02	-5.8206e+01
	17	0.0000e+00	0.0000e+00	0.0000e+00	-9.3216e+02	-1.0510e+03	-6.3503e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-6.4101e+02	5.7506e+00	-1.3542e+02
	932	0.0000e+00	0.0000e+00	0.0000e+00	-2.9319e+02	-3.2260e+02	-1.3013e+02
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	1.6226e+02	-3.5730e+02	1.5693e+02
	938	0.0000e+00	0.0000e+00	0.0000e+00	-1.9148e+02	-4.5099e+02	2.1802e+02
	538	0.0000e+00	0.0000e+00	0.0000e+00	-9.5570e+01	-6.5482e+02	7.3556e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	1.8895e+02	-4.6057e+02	1.2465e+01
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	4.8499e+01	-3.7800e+01	1.7288e+02
	937	0.0000e+00	0.0000e+00	0.0000e+00	-1.7908e+02	1.7345e+00	2.1920e+02
	938	0.0000e+00	0.0000e+00	0.0000e+00	-1.1956e+02	-2.0608e+02	2.5254e+02
	931	0.0000e+00	0.0000e+00	0.0000e+00	8.1936e+01	-2.3299e+02	2.0621e+02
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	1.2146e+01	1.5592e+02	1.1243e+02
	936	0.0000e+00	0.0000e+00	0.0000e+00	-1.2449e+02	2.1742e+02	1.1042e+02
	937	0.0000e+00	0.0000e+00	0.0000e+00	-1.4929e+02	1.1080e+02	1.8494e+02
	930	0.0000e+00	0.0000e+00	0.0000e+00	3.2904e+01	2.3763e+01	1.8695e+02
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	1.5286e+01	2.3065e+02	2.8969e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-9.1941e+01	2.9622e+02	2.1414e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	-1.0884e+02	2.5850e+02	9.3812e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	1.7027e+01	1.7977e+02	1.0137e+02

1674	927	0.0000e+00	0.0000e+00	0.0000e+00	2.4023e+01	2.0900e+02	-5.9673e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-9.1590e+01	2.8206e+02	-6.1170e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-8.8718e+01	3.0046e+02	9.3947e+00
	928	0.0000e+00	0.0000e+00	0.0000e+00	1.8146e+01	2.3287e+02	1.0892e+01
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	4.4670e+01	9.2618e+01	-1.4236e+02
	933	0.0000e+00	0.0000e+00	0.0000e+00	-1.1400e+02	1.7147e+02	-1.4601e+02
	934	0.0000e+00	0.0000e+00	0.0000e+00	-1.0059e+02	2.5195e+02	-7.6016e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	2.3939e+01	1.9130e+02	-7.2367e+01
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	8.9543e+01	-1.1234e+02	-1.6921e+02
	932	0.0000e+00	0.0000e+00	0.0000e+00	-8.4435e+01	-8.3162e+01	-2.0984e+02
	933	0.0000e+00	0.0000e+00	0.0000e+00	-1.3631e+02	8.3581e+01	-1.7489e+02
	926	0.0000e+00	0.0000e+00	0.0000e+00	5.9884e+01	4.3110e+01	-1.3427e+02
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	1.7921e+02	-2.9734e+02	-2.0329e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	-6.4108e+01	-4.5062e+02	-7.0853e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	-1.4275e+02	-2.8287e+02	-1.8241e+02
	925	0.0000e+00	0.0000e+00	0.0000e+00	1.5646e+02	-2.1380e+02	-1.3189e+02
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	3.6223e+02	-2.2448e+02	8.9590e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	1.7683e+02	-2.8829e+02	1.2581e+02
	527	0.0000e+00	0.0000e+00	0.0000e+00	2.3240e+02	-3.8403e+02	3.6178e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	3.7934e+02	-2.6920e+02	-3.7164e-02
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	2.8661e+02	-6.5892e+01	1.2335e+02
	930	0.0000e+00	0.0000e+00	0.0000e+00	1.1165e+02	-4.0818e+01	1.8371e+02
	931	0.0000e+00	0.0000e+00	0.0000e+00	1.9526e+02	-2.0321e+02	1.7566e+02
	924	0.0000e+00	0.0000e+00	0.0000e+00	3.2413e+02	-1.6209e+02	1.1530e+02
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	2.2862e+02	7.4399e+01	9.0431e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	8.5677e+01	1.3105e+02	1.2413e+02
	930	0.0000e+00	0.0000e+00	0.0000e+00	1.2273e+02	2.8768e+01	1.7163e+02
	923	0.0000e+00	0.0000e+00	0.0000e+00	2.5920e+02	-9.2471e+00	1.3793e+02
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	2.0690e+02	1.4208e+02	2.4571e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	8.3744e+01	2.0809e+02	3.4086e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	9.1410e+01	1.6982e+02	1.0025e+02
	922	0.0000e+00	0.0000e+00	0.0000e+00	2.1833e+02	1.0396e+02	9.0734e+01
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	2.1530e+02	1.3168e+02	-4.7256e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	9.4790e+01	1.9573e+02	-5.5983e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	8.5221e+01	2.1350e+02	1.0098e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	2.0735e+02	1.4584e+02	1.8826e+01
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	2.5084e+02	5.2469e+01	-9.8810e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	1.2586e+02	9.3006e+01	-1.2834e+02
	927	0.0000e+00	0.0000e+00	0.0000e+00	9.2121e+01	1.6919e+02	-7.8799e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	2.2532e+02	1.1099e+02	-4.9273e+01
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	3.0672e+02	-6.5973e+01	-9.2550e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	1.8909e+02	-9.0566e+01	-1.4379e+02
	926	0.0000e+00	0.0000e+00	0.0000e+00	1.1819e+02	3.8396e+01	-1.4077e+02
	919	0.0000e+00	0.0000e+00	0.0000e+00	2.7478e+02	7.7742e+00	-8.9525e+01
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	3.5447e+02	-1.5167e+02	-1.0012e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	2.2080e+02	-2.3651e+02	-4.0694e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	1.7472e+02	-1.5966e+02	-1.0494e+02
	918	0.0000e+00	0.0000e+00	0.0000e+00	3.3897e+02	-1.1645e+02	-7.4258e+01
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	4.9006e+02	-1.4198e+02	4.8068e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	3.7807e+02	-1.8166e+02	6.7246e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	4.0749e+02	-2.2674e+02	1.5690e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	4.9913e+02	-1.6366e+02	-3.4887e+00
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	4.4457e+02	-5.8422e+01	7.4830e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	3.2383e+02	-5.1175e+01	1.1715e+02
	924	0.0000e+00	0.0000e+00	0.0000e+00	3.8282e+02	-1.4227e+02	1.0440e+02
	917	0.0000e+00	0.0000e+00	0.0000e+00	4.7051e+02	-1.0962e+02	6.2084e+01
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	3.9816e+02	2.9436e+01	5.9273e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	2.8223e+02	6.7070e+01	9.3995e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	3.2660e+02	-7.0206e+00	1.1957e+02
	916	0.0000e+00	0.0000e+00	0.0000e+00	4.2347e+02	-2.0361e+01	8.4848e+01
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	3.7425e+02	7.9457e+01	1.8397e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	2.6669e+02	1.2802e+02	3.2586e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	2.8320e+02	9.5524e+01	7.7876e+01

	915	0.0000e+00	0.0000e+00	0.0000e+00	3.8621e+02	5.3816e+01	6.3687e+01
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	3.7884e+02	7.7565e+01	-2.6710e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	2.7796e+02	1.2070e+02	-3.4863e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	2.6707e+02	1.3331e+02	1.1642e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	3.7336e+02	8.3753e+01	1.9795e+01
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	4.0770e+02	3.0745e+01	-5.4659e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	3.1423e+02	5.0764e+01	-8.2331e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	2.7791e+02	1.0316e+02	-5.1721e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	3.8848e+02	6.2169e+01	-2.4048e+01
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	4.4734e+02	-3.5137e+01	-4.7117e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	3.6227e+02	-5.2617e+01	-8.2629e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	3.1281e+02	1.7501e+01	-8.3567e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	4.2554e+02	1.8920e+00	-4.8056e+01
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	4.7385e+02	-7.7580e+01	-5.0716e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	3.8453e+02	-1.1926e+02	-2.2492e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	3.5927e+02	-8.4069e+01	-5.5029e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	4.6415e+02	-6.0900e+01	-3.7608e+01
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	5.7743e+02	-9.5985e+01	2.3854e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	5.0582e+02	-1.1671e+02	3.3514e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	5.2052e+02	-1.3979e+02	7.1802e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	5.8212e+02	-1.0803e+02	-2.4801e+00
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	5.4933e+02	-4.7064e+01	3.8671e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	4.6963e+02	-4.4797e+01	6.6061e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	5.0636e+02	-9.6832e+01	5.7687e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	5.6757e+02	-7.7873e+01	3.0296e+01
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	5.1678e+02	9.2330e+00	3.2476e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	4.3479e+02	3.0179e+01	5.9065e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	4.6869e+02	-1.8429e+01	7.1653e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	5.3625e+02	-2.2572e+01	4.5064e+01
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	4.9772e+02	4.4712e+01	1.2423e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	4.1812e+02	7.3382e+01	2.5217e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	4.3358e+02	4.9222e+01	5.0787e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	5.0793e+02	2.6927e+01	3.7994e+01
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	4.9968e+02	4.6614e+01	-9.9233e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	4.2517e+02	7.1364e+01	-1.5139e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	4.1793e+02	7.7958e+01	1.1908e+01
	907	0.0000e+00	0.0000e+00	0.0000e+00	4.9645e+02	4.8800e+01	1.7123e+01
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	5.1967e+02	1.9023e+01	-2.2909e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	4.5190e+02	2.9712e+01	-4.2542e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	4.2621e+02	6.1213e+01	-2.4982e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	5.0596e+02	3.6902e+01	-5.3494e+00
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	5.4579e+02	-1.9569e+01	-1.9234e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	4.8364e+02	-2.7133e+01	-4.2063e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	4.5322e+02	1.0966e+01	-4.1076e+01
	905	0.0000e+00	0.0000e+00	0.0000e+00	5.3039e+02	1.4366e+00	-1.8247e+01
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	5.6127e+02	-4.3128e+01	-1.9005e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	4.9821e+02	-6.0327e+01	-1.2224e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	4.8422e+02	-4.2755e+01	-2.5332e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	5.5454e+02	-3.3828e+01	-1.5008e+01
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	6.2888e+02	-7.5778e+01	9.2605e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	5.9051e+02	-8.3004e+01	1.4486e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	5.9747e+02	-9.5965e+01	5.4088e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	6.3241e+02	-8.5100e+01	1.8341e-01
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	6.0857e+02	-3.8947e+01	1.2451e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	5.6623e+02	-3.8420e+01	3.1639e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	5.8900e+02	-7.0628e+01	2.8339e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	6.2431e+02	-6.3525e+01	9.1510e+00
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	5.8450e+02	3.9745e+00	1.1406e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	5.3952e+02	1.2042e+01	3.1517e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	5.6308e+02	-2.0570e+01	3.5928e+01
	902	0.0000e+00	0.0000e+00	0.0000e+00	6.0130e+02	-2.1295e+01	1.5817e+01
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	5.6994e+02	3.1810e+01	7.0721e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	5.2488e+02	4.3502e+01	1.7594e+01

	908	0.0000e+00	0.0000e+00	0.0000e+00	5.3699e+02	2.5718e+01	2.7604e+01
	901	0.0000e+00	0.0000e+00	0.0000e+00	5.7894e+02	1.7458e+01	1.7082e+01
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	5.7114e+02	3.4267e+01	2.2484e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	5.2835e+02	4.4542e+01	-8.8899e-01
	907	0.0000e+00	0.0000e+00	0.0000e+00	5.2441e+02	4.7351e+01	1.0227e+01
	900	0.0000e+00	0.0000e+00	0.0000e+00	5.6878e+02	3.5471e+01	1.3364e+01
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	5.8611e+02	1.3880e+01	-1.7067e-01
	905	0.0000e+00	0.0000e+00	0.0000e+00	5.4669e+02	1.9086e+01	-1.4172e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	5.3016e+02	3.8118e+01	-6.3229e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	5.7454e+02	2.7679e+01	7.6786e+00
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	6.0542e+02	-1.5255e+01	2.8199e-01
	904	0.0000e+00	0.0000e+00	0.0000e+00	5.6850e+02	-1.5443e+01	-1.5833e+01
	905	0.0000e+00	0.0000e+00	0.0000e+00	5.4974e+02	6.9225e+00	-1.3266e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	5.9185e+02	1.6180e+00	2.8492e+00
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	6.1587e+02	-3.2788e+01	1.1306e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	5.7917e+02	-3.5198e+01	-6.0364e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	5.7089e+02	-2.5244e+01	-7.3045e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	6.0976e+02	-2.5127e+01	-1.3756e-01
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	6.3014e+02	-7.5985e+01	-2.3547e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	6.3492e+02	-7.3022e+01	2.4032e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	6.3861e+02	-8.2501e+01	6.5935e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	6.3600e+02	-8.7889e+01	1.8355e+00
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	6.1056e+02	-3.4458e+01	-9.7857e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	6.1479e+02	-3.6014e+01	7.3891e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	6.3081e+02	-6.1454e+01	7.3564e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	6.2901e+02	-6.2945e+01	-9.8184e+00
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	5.9019e+02	9.1320e+00	-6.1636e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	5.9183e+02	6.2318e+00	1.1042e+01
	902	0.0000e+00	0.0000e+00	0.0000e+00	6.0927e+02	-2.0134e+01	8.1304e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	6.0729e+02	-1.7232e+01	-9.0747e+00
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	5.7868e+02	3.5774e+01	2.5856e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	5.7862e+02	3.2868e+01	1.1574e+01
	901	0.0000e+00	0.0000e+00	0.0000e+00	5.8812e+02	1.8036e+01	8.2104e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	5.8721e+02	2.1836e+01	-7.7850e-01
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	5.8011e+02	3.7201e+01	1.2196e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	5.8025e+02	3.4514e+01	9.9194e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	5.7800e+02	3.6217e+01	7.0932e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	5.7780e+02	3.9163e+01	9.3695e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	5.9356e+02	1.5008e+01	1.9210e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	5.9451e+02	1.4064e+01	7.4330e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	5.8290e+02	2.8974e+01	6.0356e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	5.8153e+02	3.0815e+01	1.7813e+01
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	6.1200e+02	-1.8764e+01	1.8414e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	6.1286e+02	-1.4799e+01	3.7558e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	5.9953e+02	2.9795e+00	5.9635e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	5.9592e+02	2.5441e+00	2.0621e+01
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	6.2132e+02	-4.0551e+01	5.3574e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	6.2340e+02	-3.2338e+01	-1.5575e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	6.1753e+02	-2.4391e+01	5.3709e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	6.1332e+02	-2.9988e+01	1.2286e+01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	5.4786e+02	-9.3974e+01	-1.6884e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	6.2220e+02	-8.4099e+01	-8.5950e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	6.2633e+02	-9.5672e+01	7.6423e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	5.6037e+02	-1.1816e+02	-6.4712e-01
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	5.2614e+02	-2.7470e+01	-3.2100e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	5.9824e+02	-3.7144e+01	-1.2282e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	6.1356e+02	-6.6975e+01	-1.3317e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	5.5060e+02	-7.4586e+01	-3.3135e+01
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	5.0988e+02	2.5718e+01	-2.0500e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	5.7545e+02	1.0048e+01	-4.7882e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	5.9092e+02	-1.8674e+01	-1.7136e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	5.2594e+02	-9.7336e+00	-3.2847e+01
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	5.0170e+02	5.4212e+01	-3.3623e-01

	893	0.0000e+00	0.0000e+00	0.0000e+00	5.6350e+02	3.7235e+01	7.3117e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	5.7158e+02	2.2109e+01	-8.9796e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	5.0897e+02	3.7603e+01	-1.6628e+01
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	5.0279e+02	5.3128e+01	2.1049e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	5.6456e+02	3.7575e+01	1.9379e+01
	893	0.0000e+00	0.0000e+00	0.0000e+00	5.6290e+02	4.0336e+01	3.1712e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	5.0109e+02	5.7086e+01	4.8415e+00
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	5.1356e+02	2.2974e+01	3.7706e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	5.7753e+02	1.3434e+01	2.7169e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	5.6728e+02	3.1432e+01	1.4756e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	5.0266e+02	4.6634e+01	2.5292e+01
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	5.3403e+02	-2.8794e+01	4.0139e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	5.9677e+02	-2.3106e+01	2.3372e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	5.8395e+02	-2.1322e-01	2.1412e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	5.1321e+02	9.3800e+00	3.8180e+01
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	5.4463e+02	-6.8706e+01	1.2457e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	6.1141e+02	-4.8771e+01	2.9190e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	6.0533e+02	-3.7931e+01	1.7172e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	5.3156e+02	-4.6406e+01	2.6711e+01
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	3.1886e+02	-1.4342e+02	-4.1834e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	5.1604e+02	-1.1696e+02	-2.6468e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	5.1970e+02	-1.4103e+02	5.7136e+00
	441	0.0000e+00	0.0000e+00	0.0000e+00	3.4603e+02	-1.7871e+02	-9.6517e+00
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	3.1186e+02	-3.9485e+01	-4.8272e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	4.8569e+02	-3.3751e+01	-3.2770e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	4.9171e+02	-8.6335e+01	-4.5068e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	3.3695e+02	-5.6089e+01	-6.0570e+01
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	3.0986e+02	3.6317e+01	-2.6862e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	4.6597e+02	2.4590e+01	-1.8005e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	4.7416e+02	-1.5266e+01	-4.3877e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	3.1945e+02	2.4574e+01	-5.2734e+01
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	3.0901e+02	7.7064e+01	1.0299e-01
	886	0.0000e+00	0.0000e+00	0.0000e+00	4.5657e+02	5.3926e+01	4.4184e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	4.6086e+02	3.5480e+01	-2.5138e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	3.1338e+02	7.1253e+01	-2.9454e+01
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	3.0864e+02	8.3101e+01	2.7874e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	4.5551e+02	5.1263e+01	2.8106e+01
	886	0.0000e+00	0.0000e+00	0.0000e+00	4.5559e+02	5.6647e+01	-1.4877e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	3.0902e+02	8.3793e+01	-1.7200e+00
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	3.0949e+02	5.4744e+01	5.1919e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	4.6294e+02	1.7774e+01	4.7601e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	4.5853e+02	4.5759e+01	2.1113e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	3.0523e+02	6.1584e+01	2.5432e+01
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	3.2079e+02	-8.6174e+00	6.3526e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	4.7616e+02	-3.9913e+01	5.2219e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	4.7191e+02	4.3659e+00	3.6878e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	3.0234e+02	3.6461e+00	4.8185e+01
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	3.2749e+02	-1.1950e+02	2.3396e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	5.0276e+02	-9.0267e+01	9.2078e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	4.9809e+02	-6.6801e+01	3.4025e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	3.0369e+02	-8.7030e+01	4.8213e+01
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	-7.9892e+01	1.5931e+02	-2.2653e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	1.8151e+02	-1.6370e+02	1.0444e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	3.6381e+02	-2.2516e+02	-6.4526e+00
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.9577e+02	-5.1450e+02	-3.9549e+01
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	-5.1717e+01	1.9653e+02	-2.3081e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	1.8344e+02	-3.4137e+01	-1.4252e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	2.4579e+02	-9.5535e+01	-3.0753e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	-9.6355e+01	-2.9331e+02	-3.9582e+01
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	-3.3598e+01	1.9214e+02	-1.1845e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	1.9657e+02	3.7980e+01	-7.5889e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	2.3368e+02	-3.1331e-02	-2.9114e+01
	880	0.0000e+00	0.0000e+00	0.0000e+00	-6.2174e+01	-1.1129e+02	-3.3370e+01

1737	876	0.0000e+00	0.0000e+00	0.0000e+00	-2.9065e+01	1.5154e+02	3.1108e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	2.0796e+02	7.3016e+01	5.9194e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	2.2410e+02	5.6853e+01	-1.7778e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	-3.9569e+01	2.5563e+01	-2.0586e+01
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	-3.8574e+01	7.4353e+01	1.8586e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	2.1576e+02	7.1439e+01	2.0682e+01
	875	0.0000e+00	0.0000e+00	0.0000e+00	2.1256e+02	7.7203e+01	-2.9328e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	-3.1170e+01	1.2136e+02	-5.0288e+00
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	-6.2566e+01	-4.3161e+01	3.1240e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	2.2089e+02	3.3178e+01	3.2321e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	1.9736e+02	6.1052e+01	1.0888e+01
	874	0.0000e+00	0.0000e+00	0.0000e+00	-3.6865e+01	1.8011e+02	9.8067e+00
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	-9.9801e+01	-2.0550e+02	3.7701e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	2.2539e+02	-4.4812e+01	3.6134e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	1.7912e+02	8.2522e+00	1.9038e+01
	872	0.0000e+00	0.0000e+00	0.0000e+00	-5.6681e+01	2.0301e+02	2.0605e+01
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.1879e+02	-4.1066e+02	4.0256e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	3.3218e+02	-1.6479e+02	2.2075e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.6631e+02	-1.0241e+02	-3.0536e-01
	870	0.0000e+00	0.0000e+00	0.0000e+00	-8.9410e+01	1.8807e+02	1.7875e+01
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	-2.9319e+02	-3.2254e+02	1.3013e+02
	868	0.0000e+00	0.0000e+00	0.0000e+00	-6.4097e+02	5.7579e+00	1.3541e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	-9.3213e+02	-1.0508e+03	6.3530e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	8.5707e+00	-5.7926e+02	5.8251e+01
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	-2.4739e+02	1.4790e+02	1.4001e+02
	867	0.0000e+00	0.0000e+00	0.0000e+00	-3.5312e+02	1.8317e+02	3.9740e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	-5.1029e+02	-5.3795e+01	1.0202e+02
	860	0.0000e+00	0.0000e+00	0.0000e+00	-2.9146e+02	-1.4267e+02	2.0230e+02
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	-1.6691e+02	2.8670e+02	6.8874e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	-2.1946e+02	3.1716e+02	1.3133e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	-2.9595e+02	2.2105e+02	5.7942e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	-2.0228e+02	1.6220e+02	1.1368e+02
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	-1.3978e+02	3.1927e+02	3.4001e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	-1.8117e+02	3.5214e+02	-8.4728e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	-1.9763e+02	3.3061e+02	2.7763e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	-1.4715e+02	2.9126e+02	3.9636e+01
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	-1.6842e+02	2.6470e+02	-6.3562e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-2.2508e+02	3.0798e+02	-3.2532e+01
	865	0.0000e+00	0.0000e+00	0.0000e+00	-1.8627e+02	3.5043e+02	5.1861e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	-1.4496e+02	3.1853e+02	-2.5844e+01
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	-2.5117e+02	9.6334e+01	-1.4403e+02
	863	0.0000e+00	0.0000e+00	0.0000e+00	-3.6176e+02	1.6398e+02	-6.6674e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-2.5827e+02	2.8997e+02	-1.6836e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	-1.9942e+02	2.5827e+02	-9.4189e+01
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	-3.6772e+02	-2.8078e+02	-2.4376e+02
	862	0.0000e+00	0.0000e+00	0.0000e+00	-6.2905e+02	-1.7669e+02	-1.1801e+02
	863	0.0000e+00	0.0000e+00	0.0000e+00	-4.3466e+02	1.1707e+02	-4.6314e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-3.0974e+02	7.8252e+01	-1.7206e+02
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	-7.5341e-01	-8.1349e+02	-5.8897e+01
	16	0.0000e+00	0.0000e+00	0.0000e+00	-1.1446e+03	-1.3986e+03	-6.6208e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-7.8955e+02	-1.0293e+02	-1.5962e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	-3.7053e+02	-5.0191e+02	-1.5231e+02
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	1.5645e+02	-2.1378e+02	1.3189e+02
	860	0.0000e+00	0.0000e+00	0.0000e+00	-1.4275e+02	-2.8283e+02	1.8242e+02
	861	0.0000e+00	0.0000e+00	0.0000e+00	-6.4104e+01	-4.5061e+02	7.0873e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	1.7921e+02	-2.9733e+02	2.0346e+01
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	5.9887e+01	4.3125e+01	1.3427e+02
	859	0.0000e+00	0.0000e+00	0.0000e+00	-1.3630e+02	8.3598e+01	1.7489e+02
	860	0.0000e+00	0.0000e+00	0.0000e+00	-8.4437e+01	-8.3139e+01	2.0984e+02
	852	0.0000e+00	0.0000e+00	0.0000e+00	8.9544e+01	-1.1232e+02	1.6922e+02
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	2.3951e+01	1.9131e+02	7.2365e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	-1.0058e+02	2.5196e+02	7.6011e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	-1.1399e+02	1.7148e+02	1.4600e+02

	851	0.0000e+00	0.0000e+00	0.0000e+00	4.4677e+01	9.2629e+01	1.4236e+02
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	1.8162e+01	2.3287e+02	-1.0895e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	-8.8703e+01	3.0046e+02	-9.3996e+00
	858	0.0000e+00	0.0000e+00	0.0000e+00	-9.1576e+01	2.8207e+02	6.1165e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	2.4036e+01	2.0901e+02	5.9670e+01
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	1.7046e+01	1.7977e+02	-1.0137e+02
	856	0.0000e+00	0.0000e+00	0.0000e+00	-1.0883e+02	2.5849e+02	-9.3818e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	-9.1925e+01	2.9622e+02	-2.1419e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	1.5302e+01	2.3064e+02	-2.8972e+01
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	3.2927e+01	2.3749e+01	-1.8696e+02
	855	0.0000e+00	0.0000e+00	0.0000e+00	-1.4927e+02	1.1079e+02	-1.8495e+02
	856	0.0000e+00	0.0000e+00	0.0000e+00	-1.2447e+02	2.1741e+02	-1.1042e+02
	848	0.0000e+00	0.0000e+00	0.0000e+00	1.2166e+01	1.5591e+02	-1.1243e+02
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	8.1962e+01	-2.3301e+02	-2.0621e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	-1.1953e+02	-2.0611e+02	-2.5254e+02
	855	0.0000e+00	0.0000e+00	0.0000e+00	-1.7907e+02	1.7150e+00	-2.1921e+02
	847	0.0000e+00	0.0000e+00	0.0000e+00	4.8524e+01	-3.7818e+01	-1.7288e+02
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	1.8897e+02	-4.6059e+02	-1.2453e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	-9.5553e+01	-6.5484e+02	-7.3538e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	-1.9146e+02	-4.5103e+02	-2.1801e+02
	846	0.0000e+00	0.0000e+00	0.0000e+00	1.6229e+02	-3.5733e+02	-1.5693e+02
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	3.3897e+02	-1.1644e+02	7.4269e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	1.7472e+02	-1.5965e+02	1.0495e+02
	853	0.0000e+00	0.0000e+00	0.0000e+00	2.2080e+02	-2.3650e+02	4.0709e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	3.5447e+02	-1.5167e+02	1.0027e+01
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	2.7478e+02	7.7833e+00	8.9531e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	1.1819e+02	3.8408e+01	1.4077e+02
	852	0.0000e+00	0.0000e+00	0.0000e+00	1.8909e+02	-9.0552e+01	1.4380e+02
	844	0.0000e+00	0.0000e+00	0.0000e+00	3.0672e+02	-6.5965e+01	9.2560e+01
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	2.2533e+02	1.1100e+02	4.9276e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	9.2133e+01	1.6920e+02	7.8798e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	1.2586e+02	9.3016e+01	1.2834e+02
	843	0.0000e+00	0.0000e+00	0.0000e+00	2.5085e+02	5.2477e+01	9.8816e+01
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	2.0737e+02	1.4584e+02	-1.8825e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	8.5237e+01	2.1351e+02	-1.0101e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	9.4802e+01	1.9573e+02	5.5982e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	2.1531e+02	1.3169e+02	4.7258e+01
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	2.1835e+02	1.0395e+02	-9.0733e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	9.1430e+01	1.6982e+02	-1.0025e+02
	849	0.0000e+00	0.0000e+00	0.0000e+00	8.3760e+01	2.0809e+02	-3.4088e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	2.0692e+02	1.4208e+02	-2.4570e+01
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	2.5922e+02	-9.2599e+00	-1.3793e+02
	847	0.0000e+00	0.0000e+00	0.0000e+00	1.2275e+02	2.8754e+01	-1.7163e+02
	848	0.0000e+00	0.0000e+00	0.0000e+00	8.5697e+01	1.3104e+02	-1.2413e+02
	840	0.0000e+00	0.0000e+00	0.0000e+00	2.2865e+02	7.4390e+01	-9.0430e+01
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	3.2416e+02	-1.6211e+02	-1.1530e+02
	846	0.0000e+00	0.0000e+00	0.0000e+00	1.9529e+02	-2.0323e+02	-1.7566e+02
	847	0.0000e+00	0.0000e+00	0.0000e+00	1.1167e+02	-4.0833e+01	-1.8371e+02
	839	0.0000e+00	0.0000e+00	0.0000e+00	2.8663e+02	-6.5907e+01	-1.2335e+02
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	3.7937e+02	-2.6921e+02	4.0657e-02
	420	0.0000e+00	0.0000e+00	0.0000e+00	2.3242e+02	-3.8404e+02	-3.6170e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	1.7685e+02	-2.8831e+02	-1.2580e+02
	838	0.0000e+00	0.0000e+00	0.0000e+00	3.6226e+02	-2.2450e+02	-8.9588e+01
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	4.6415e+02	-6.0896e+01	3.7623e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	3.5927e+02	-8.4063e+01	5.5042e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	3.8453e+02	-1.1926e+02	2.2507e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	4.7385e+02	-7.7579e+01	5.0874e+00
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	4.2554e+02	1.8971e+00	4.8067e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	3.1282e+02	1.7509e+01	8.3576e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	3.6227e+02	-5.2610e+01	8.2640e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	4.4735e+02	-3.5133e+01	4.7131e+01
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	3.8850e+02	6.2172e+01	2.4058e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	2.7792e+02	1.0316e+02	5.1726e+01

	843	0.0000e+00	0.0000e+00	0.0000e+00	3.1424e+02	5.0771e+01	8.2338e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	4.0771e+02	3.0749e+01	5.4670e+01
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	3.7338e+02	8.3751e+01	-1.9788e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	2.6709e+02	1.3331e+02	-1.1640e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	2.7797e+02	1.2071e+02	3.4868e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	3.7886e+02	7.7565e+01	2.6719e+01
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	3.8624e+02	5.3808e+01	-6.3681e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	2.8322e+02	9.5517e+01	-7.7874e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	2.6670e+02	1.2801e+02	-3.2584e+01
	833	0.0000e+00	0.0000e+00	0.0000e+00	3.7427e+02	7.9453e+01	-1.8391e+01
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	4.2350e+02	-2.0374e+01	-8.4844e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	3.2662e+02	-7.0331e+00	-1.1957e+02
	840	0.0000e+00	0.0000e+00	0.0000e+00	2.8226e+02	6.7061e+01	-9.3993e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	3.9818e+02	2.9426e+01	-5.9268e+01
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	4.7054e+02	-1.0963e+02	-6.2082e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	3.8285e+02	-1.4228e+02	-1.0440e+02
	839	0.0000e+00	0.0000e+00	0.0000e+00	3.2386e+02	-5.1189e+01	-1.1715e+02
	831	0.0000e+00	0.0000e+00	0.0000e+00	4.4460e+02	-5.8437e+01	-7.4827e+01
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	4.9916e+02	-1.6367e+02	3.4867e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	4.0752e+02	-2.2675e+02	-1.5689e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	3.7810e+02	-1.8167e+02	-6.7243e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	4.9009e+02	-1.4200e+02	-4.8067e+01
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	5.5454e+02	-3.3826e+01	1.5027e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	4.8422e+02	-4.2751e+01	2.5348e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	4.9821e+02	-6.0327e+01	1.2241e+01
	829	0.0000e+00	0.0000e+00	0.0000e+00	5.6127e+02	-4.3127e+01	1.9196e+00
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	5.3039e+02	1.4395e+00	1.8265e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	4.5323e+02	1.0971e+01	4.1090e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	4.8364e+02	-2.7129e+01	4.2078e+01
	828	0.0000e+00	0.0000e+00	0.0000e+00	5.4579e+02	-1.9567e+01	1.9252e+01
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	5.0598e+02	3.6903e+01	5.3651e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	4.2622e+02	6.1215e+01	2.4994e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	4.5191e+02	2.9715e+01	4.2555e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	5.1968e+02	1.9025e+01	2.2926e+01
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	4.9647e+02	4.8796e+01	-1.7109e+01
	833	0.0000e+00	0.0000e+00	0.0000e+00	4.1795e+02	7.7955e+01	-1.1899e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	4.2519e+02	7.1364e+01	1.5149e+01
	826	0.0000e+00	0.0000e+00	0.0000e+00	4.9970e+02	4.6613e+01	9.9388e+00
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	5.0796e+02	2.6917e+01	-3.7982e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	4.3361e+02	4.9214e+01	-5.0780e+01
	833	0.0000e+00	0.0000e+00	0.0000e+00	4.1814e+02	7.3378e+01	-2.5208e+01
	825	0.0000e+00	0.0000e+00	0.0000e+00	4.9774e+02	4.4706e+01	-1.2410e+01
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	5.3628e+02	-2.2589e+01	-4.5056e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	4.6872e+02	-1.8443e+01	-7.1649e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	4.3482e+02	3.0169e+01	-5.9058e+01
	824	0.0000e+00	0.0000e+00	0.0000e+00	5.1681e+02	9.2202e+00	-3.2466e+01
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	5.6761e+02	-7.7895e+01	-3.0294e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	5.0639e+02	-9.6849e+01	-5.7686e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	4.6966e+02	-4.4813e+01	-6.6057e+01
	823	0.0000e+00	0.0000e+00	0.0000e+00	5.4936e+02	-4.7083e+01	-3.8665e+01
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	5.8215e+02	-1.0805e+02	2.4741e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	5.2055e+02	-1.3981e+02	-7.1844e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	5.0585e+02	-1.1673e+02	-3.3513e+01
	822	0.0000e+00	0.0000e+00	0.0000e+00	5.7747e+02	-9.6007e+01	-2.3855e+01
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	6.0977e+02	-2.5125e+01	1.6079e-01
	828	0.0000e+00	0.0000e+00	0.0000e+00	5.7090e+02	-2.5242e+01	7.3248e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	5.7917e+02	-3.5198e+01	6.0568e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	6.1587e+02	-3.2788e+01	-1.1072e+00
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	5.9185e+02	1.6201e+00	-2.8262e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	5.4975e+02	6.9252e+00	1.3285e+01
	828	0.0000e+00	0.0000e+00	0.0000e+00	5.6851e+02	-1.5441e+01	1.5853e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	6.0543e+02	-1.5254e+01	-2.5853e-01
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	5.7456e+02	2.7678e+01	-7.6562e+00



	826	0.0000e+00	0.0000e+00	0.0000e+00	5.3017e+02	3.8118e+01	6.3407e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	5.4670e+02	1.9088e+01	1.4191e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	5.8612e+02	1.3881e+01	1.9383e-01
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	5.6881e+02	3.5465e+01	-1.3343e+01
	825	0.0000e+00	0.0000e+00	0.0000e+00	5.2443e+02	4.7347e+01	-1.0211e+01
	826	0.0000e+00	0.0000e+00	0.0000e+00	5.2837e+02	4.4540e+01	9.0611e-01
	818	0.0000e+00	0.0000e+00	0.0000e+00	5.7115e+02	3.4265e+01	-2.2262e+00
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	5.7897e+02	1.7444e+01	-1.7064e+01
	824	0.0000e+00	0.0000e+00	0.0000e+00	5.3702e+02	2.5706e+01	-2.7591e+01
	825	0.0000e+00	0.0000e+00	0.0000e+00	5.2490e+02	4.3495e+01	-1.7579e+01
	817	0.0000e+00	0.0000e+00	0.0000e+00	5.6996e+02	3.1801e+01	-7.0520e+00
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	6.0133e+02	-2.1318e+01	-1.5805e+01
	823	0.0000e+00	0.0000e+00	0.0000e+00	5.6312e+02	-2.0588e+01	-3.5920e+01
	824	0.0000e+00	0.0000e+00	0.0000e+00	5.3955e+02	1.2028e+01	-3.1505e+01
	816	0.0000e+00	0.0000e+00	0.0000e+00	5.8453e+02	3.9574e+00	-1.1390e+01
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	6.2434e+02	-6.3555e+01	-9.1480e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	5.8904e+02	-7.0651e+01	-2.8338e+01
	823	0.0000e+00	0.0000e+00	0.0000e+00	5.6626e+02	-3.8440e+01	-3.1632e+01
	815	0.0000e+00	0.0000e+00	0.0000e+00	6.0861e+02	-3.8972e+01	-1.2441e+01
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	6.3244e+02	-8.5133e+01	-1.9264e-01
	387	0.0000e+00	0.0000e+00	0.0000e+00	5.9750e+02	-9.5990e+01	-5.4169e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	5.9054e+02	-8.3028e+01	-1.4486e+01
	814	0.0000e+00	0.0000e+00	0.0000e+00	6.2892e+02	-7.5809e+01	-9.2619e+00
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	6.1332e+02	-2.9986e+01	-1.2258e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	6.1753e+02	-2.4390e+01	-5.3460e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	6.2340e+02	-3.2338e+01	1.5822e+00
	813	0.0000e+00	0.0000e+00	0.0000e+00	6.2132e+02	-4.0551e+01	-5.3300e+00
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	5.9592e+02	2.5464e+00	-2.0593e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	5.9954e+02	2.9814e+00	-5.9385e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	6.1286e+02	-1.4798e+01	-3.7312e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	6.1201e+02	-1.8762e+01	-1.8385e+01
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	5.8154e+02	3.0814e+01	-1.7784e+01
	818	0.0000e+00	0.0000e+00	0.0000e+00	5.8291e+02	2.8973e+01	-6.0112e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	5.9452e+02	1.4065e+01	-7.4085e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	5.9357e+02	1.5008e+01	-1.9181e+01
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	5.7782e+02	3.9155e+01	-9.3420e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	5.7802e+02	3.6210e+01	-7.0705e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	5.8027e+02	3.4510e+01	-9.8956e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	5.8013e+02	3.7197e+01	-1.2167e+01
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	5.8724e+02	2.1818e+01	8.0267e-01
	816	0.0000e+00	0.0000e+00	0.0000e+00	5.8815e+02	1.8021e+01	-8.1913e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	5.7864e+02	3.2858e+01	-1.1553e+01
	809	0.0000e+00	0.0000e+00	0.0000e+00	5.7870e+02	3.5762e+01	-2.5589e+00
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	6.0732e+02	-1.7262e+01	9.0921e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	6.0930e+02	-2.0159e+01	-8.1176e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	5.9186e+02	6.2128e+00	-1.1024e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	5.9022e+02	9.1092e+00	6.1858e+00
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	6.2905e+02	-6.2988e+01	9.8240e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	6.3085e+02	-6.1487e+01	-7.3540e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	6.1482e+02	-3.6043e+01	-7.3785e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	6.1059e+02	-3.4493e+01	9.7994e+00
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	6.3603e+02	-8.7938e+01	-1.8472e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	6.3865e+02	-8.2537e+01	-6.6048e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	6.3496e+02	-7.3057e+01	-2.4035e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	6.3018e+02	-7.6031e+01	2.3541e+00
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	5.3156e+02	-4.6402e+01	-2.6680e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	6.0534e+02	-3.7929e+01	-1.7143e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	6.1141e+02	-4.8771e+01	-2.8906e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	5.4463e+02	-6.8705e+01	-1.2428e+01
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	5.1321e+02	9.3833e+00	-3.8147e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	5.8396e+02	-2.1106e-01	-2.1382e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	5.9678e+02	-2.3104e+01	-2.3343e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	5.3403e+02	-2.8790e+01	-4.0107e+01

1800	802	0.0000e+00	0.0000e+00	0.0000e+00	5.0266e+02	4.6632e+01	-2.5259e+01
	810	0.0000e+00	0.0000e+00	0.0000e+00	5.6729e+02	3.1430e+01	-1.4725e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	5.7754e+02	1.3435e+01	-2.7139e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	5.1356e+02	2.2975e+01	-3.7672e+01
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	5.0111e+02	5.7076e+01	-4.8087e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	5.6292e+02	4.0326e+01	-3.1422e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	5.6457e+02	3.7571e+01	-1.9349e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	5.0280e+02	5.3124e+01	-2.1016e+01
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	5.0898e+02	3.7580e+01	1.6657e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	5.7160e+02	2.2089e+01	9.0051e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	5.6352e+02	3.7222e+01	-7.2840e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	5.0171e+02	5.4198e+01	3.6790e-01
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	5.2596e+02	-9.7737e+00	3.2870e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	5.9095e+02	-1.8708e+01	1.7154e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	5.7547e+02	1.0023e+01	4.8115e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	5.0990e+02	2.5690e+01	2.0527e+01
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	5.5063e+02	-7.4645e+01	3.3146e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	6.1359e+02	-6.7022e+01	1.3322e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	5.9828e+02	-3.7183e+01	1.2297e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	5.2616e+02	-2.7515e+01	3.2120e+01
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	5.6040e+02	-1.1823e+02	6.3416e-01
	365	0.0000e+00	0.0000e+00	0.0000e+00	6.2636e+02	-9.5726e+01	-7.6563e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	6.2223e+02	-8.4151e+01	8.5959e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	5.4789e+02	-9.4039e+01	1.6886e+01
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	3.0369e+02	-8.7020e+01	-4.8182e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	4.9809e+02	-6.6797e+01	-3.3992e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	5.0276e+02	-9.0265e+01	-9.1777e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	3.2749e+02	-1.1950e+02	-2.3367e+01
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	3.0234e+02	3.6532e+00	-4.8149e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	4.7192e+02	4.3691e+00	-3.6844e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	4.7616e+02	-3.9909e+01	-5.2186e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	3.2079e+02	-8.6127e+00	-6.3492e+01
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	3.0523e+02	6.1584e+01	-2.5395e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	4.5854e+02	4.5756e+01	-2.1078e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	4.6294e+02	1.7776e+01	-4.7566e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	3.0949e+02	5.4743e+01	-5.1884e+01
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	3.0902e+02	8.3784e+01	1.7545e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	4.5560e+02	5.6634e+01	1.5215e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	4.5552e+02	5.1258e+01	-2.8072e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	3.0863e+02	8.3092e+01	-2.7839e+01
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	3.1337e+02	7.1230e+01	2.9485e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	4.6087e+02	3.5454e+01	2.5169e+01
	801	0.0000e+00	0.0000e+00	0.0000e+00	4.5658e+02	5.3911e+01	-4.3863e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	3.0900e+02	7.7043e+01	-7.0266e-02
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	3.1944e+02	2.4533e+01	5.2760e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	4.7417e+02	-1.5310e+01	4.3901e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	4.6599e+02	2.4560e+01	1.8032e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	3.0985e+02	3.6278e+01	2.6891e+01
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	3.3695e+02	-5.6155e+01	6.0586e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	4.9172e+02	-8.6401e+01	4.5081e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	4.8571e+02	-3.3800e+01	3.2790e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	3.1185e+02	-3.9548e+01	4.8295e+01
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	3.4603e+02	-1.7881e+02	9.6392e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	5.1972e+02	-1.4111e+02	-5.7289e+00
	798	0.0000e+00	0.0000e+00	0.0000e+00	5.1606e+02	-1.1703e+02	2.6473e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	3.1885e+02	-1.4352e+02	4.1841e+01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	-8.9410e+01	1.8806e+02	-1.7846e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	1.6631e+02	-1.0240e+02	3.3545e-01
	797	0.0000e+00	0.0000e+00	0.0000e+00	3.3218e+02	-1.6479e+02	-2.2051e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.1879e+02	-4.1063e+02	-4.0232e+01
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	-5.6689e+01	2.0300e+02	-2.0574e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	1.7912e+02	8.2568e+00	-1.9006e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	2.2538e+02	-4.4805e+01	-3.6102e+01

	796	0.0000e+00	0.0000e+00	0.0000e+00	-9.9803e+01	-2.0547e+02	-3.7671e+01
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	-3.6882e+01	1.8009e+02	-9.7771e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	1.9735e+02	6.1048e+01	-1.0856e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	2.2088e+02	3.3180e+01	-3.2289e+01
	794	0.0000e+00	0.0000e+00	0.0000e+00	-6.2575e+01	-4.3140e+01	-3.1210e+01
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	-3.1197e+01	1.2131e+02	5.0550e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	2.1256e+02	7.7188e+01	2.9613e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	2.1575e+02	7.1432e+01	-2.0651e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	-3.8591e+01	7.4371e+01	-1.8557e+01
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-3.9607e+01	2.5493e+01	2.0607e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	2.2409e+02	5.6823e+01	1.7801e+01
	789	0.0000e+00	0.0000e+00	0.0000e+00	2.0795e+02	7.2997e+01	-5.8928e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	-2.9092e+01	1.5155e+02	-3.0865e+00
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-6.2226e+01	-1.1140e+02	3.3383e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	2.3367e+02	-8.2689e-02	2.9129e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	1.9654e+02	3.7943e+01	7.6092e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-3.3636e+01	1.9215e+02	1.1863e+01
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-9.6424e+01	-2.9347e+02	3.9584e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	2.4578e+02	-9.5615e+01	3.0757e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	1.8341e+02	-3.4198e+01	1.4263e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-5.1767e+01	1.9653e+02	2.3090e+01
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-1.9589e+02	-5.1471e+02	3.9536e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	3.6383e+02	-2.2528e+02	6.4382e+00
	783	0.0000e+00	0.0000e+00	0.0000e+00	1.8147e+02	-1.6380e+02	-1.0453e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-7.9960e+01	1.5929e+02	2.2646e+01
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	-3.4402e+01	-2.3280e+01	-3.9480e+00
	782	0.0000e+00	0.0000e+00	0.0000e+00	-1.6746e+02	1.8638e+02	3.8006e+01
	22	0.0000e+00	0.0000e+00	0.0000e+00	-4.3410e+02	-4.4040e+02	1.8357e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	3.0922e+02	-1.8791e+02	-2.3597e+01
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	-2.3091e+01	3.3876e+02	4.4906e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	-6.6749e+01	3.4780e+02	1.3901e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	-1.0480e+02	1.6653e+02	3.4836e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	-4.1933e+01	1.2993e+02	6.5842e+01
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	3.8098e+00	4.7374e+02	1.6998e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	-1.9618e+01	4.8720e+02	2.4060e+00
	781	0.0000e+00	0.0000e+00	0.0000e+00	-4.0739e+01	3.9807e+02	1.9470e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	-1.8423e+00	3.7433e+02	3.4062e+01
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	8.9779e+00	5.2185e+02	-9.5814e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	-8.1406e+00	5.3736e+02	-8.8280e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	-9.2887e+00	5.0889e+02	6.9327e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	1.1509e+01	4.9004e+02	6.1793e+00
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.0700e+01	5.0803e+02	-3.9519e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	-2.9576e+01	5.2815e+02	-2.0584e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	-1.0809e+01	5.4202e+02	-3.7861e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	5.2757e+00	5.2552e+02	-2.2721e+01
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	-5.8658e+01	4.4082e+02	-7.6037e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-8.8564e+01	4.6966e+02	-3.4755e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	-4.5072e+01	5.1989e+02	-1.3985e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-2.6403e+01	5.0344e+02	-5.5268e+01
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	-1.3969e+02	3.1099e+02	-1.2476e+02
	776	0.0000e+00	0.0000e+00	0.0000e+00	-1.9687e+02	3.5639e+02	-5.4641e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-1.1945e+02	4.4911e+02	-2.5434e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	-8.8447e+01	4.3083e+02	-9.5556e+01
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	-2.5676e+02	8.1490e+01	-1.9288e+02
	775	0.0000e+00	0.0000e+00	0.0000e+00	-3.7503e+02	1.5804e+02	-8.6419e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-2.4918e+02	3.1876e+02	-4.1657e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-1.8725e+02	2.9773e+02	-1.4812e+02
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	-3.6101e+02	-3.4467e+02	-2.8440e+02
	774	0.0000e+00	0.0000e+00	0.0000e+00	-6.8876e+02	-2.2082e+02	-1.4073e+02
	775	0.0000e+00	0.0000e+00	0.0000e+00	-4.6160e+02	9.3317e+01	-6.6540e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-3.2456e+02	5.5434e+01	-2.1021e+02
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	-7.2416e-01	-8.6968e+02	-6.4407e+01
	21	0.0000e+00	0.0000e+00	0.0000e+00	-1.1969e+03	-1.4942e+03	-7.5820e+01

	774	0.0000e+00	0.0000e+00	0.0000e+00	-8.6680e+02	-1.9812e+02	-1.9139e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	-3.5181e+02	-5.7065e+02	-1.7998e+02
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	1.0321e+02	2.3164e+01	1.6636e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	2.9286e+01	8.1541e+01	2.4581e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	-2.0719e+02	-2.0796e+02	1.4035e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	3.5427e+02	-1.2659e+02	6.0898e+00
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	1.0322e+02	3.0144e+02	4.5888e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	2.0976e+01	3.0823e+02	6.5137e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	7.1800e+01	1.5662e+02	7.5444e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	8.7714e+01	1.4094e+02	5.6195e+01
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	8.9305e+01	4.2921e+02	1.4504e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	3.4829e+01	4.5933e+02	2.1899e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	3.3802e+01	3.7760e+02	5.0971e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.0390e+02	3.4434e+02	4.3576e+01
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	8.2827e+01	4.7655e+02	-2.3504e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	3.4331e+01	5.1192e+02	-1.6765e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	4.0126e+01	4.8561e+02	1.5444e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	8.9399e+01	4.5077e+02	8.7041e+00
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	7.2035e+01	4.5738e+02	-7.0345e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	1.6813e+01	5.0197e+02	-5.8512e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	3.1832e+01	5.1510e+02	-2.2298e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	7.8727e+01	4.8075e+02	-3.4130e+01
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	5.6046e+01	3.8122e+02	-1.2582e+02
	767	0.0000e+00	0.0000e+00	0.0000e+00	-2.0326e+01	4.3930e+02	-1.0755e+02
	768	0.0000e+00	0.0000e+00	0.0000e+00	6.6617e+00	4.8586e+02	-6.4455e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	6.2578e+01	4.4997e+02	-8.2723e+01
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	4.2223e+01	2.4303e+02	-1.8932e+02
	766	0.0000e+00	0.0000e+00	0.0000e+00	-7.5787e+01	3.1843e+02	-1.6871e+02
	767	0.0000e+00	0.0000e+00	0.0000e+00	-3.8431e+01	4.0162e+02	-1.1624e+02
	757	0.0000e+00	0.0000e+00	0.0000e+00	4.2681e+01	3.6263e+02	-1.3685e+02
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	5.4643e+01	2.7306e+01	-2.4825e+02
	765	0.0000e+00	0.0000e+00	0.0000e+00	-1.3648e+02	1.1132e+02	-2.4199e+02
	766	0.0000e+00	0.0000e+00	0.0000e+00	-1.0197e+02	2.4755e+02	-1.8456e+02
	756	0.0000e+00	0.0000e+00	0.0000e+00	3.1636e+01	2.0639e+02	-1.9083e+02
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	1.0628e+02	-2.5953e+02	-2.3460e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	-1.1712e+02	-2.5287e+02	-2.8455e+02
	765	0.0000e+00	0.0000e+00	0.0000e+00	-1.7271e+02	-2.8721e+01	-2.7450e+02
	755	0.0000e+00	0.0000e+00	0.0000e+00	7.0225e+01	-4.3970e+01	-2.2455e+02
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	1.9534e+02	-4.8960e+02	-2.6738e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.0070e+02	-7.0812e+02	-8.2289e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	-1.8246e+02	-5.0117e+02	-2.4102e+02
	754	0.0000e+00	0.0000e+00	0.0000e+00	1.7517e+02	-3.7366e+02	-1.8547e+02
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	1.9746e+02	4.5901e+01	1.4445e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	1.4671e+02	9.9105e+01	2.3323e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	-2.9299e+01	-1.4666e+02	2.5873e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	3.8977e+02	-9.9011e+01	1.6994e+01
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	1.9743e+02	2.7879e+02	3.2000e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.2802e+02	2.9156e+02	5.3818e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	1.7443e+02	1.5118e+02	6.2828e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	1.9105e+02	1.4431e+02	4.1010e+01
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	1.8486e+02	3.8744e+02	5.1386e+00
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.2310e+02	4.2072e+02	1.8625e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.3503e+02	3.4103e+02	4.4032e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	1.9768e+02	3.1892e+02	3.0545e+01
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	1.8015e+02	4.2574e+02	-3.1647e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.1833e+02	4.6676e+02	-2.5515e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.2671e+02	4.4204e+02	8.6180e+00
	750	0.0000e+00	0.0000e+00	0.0000e+00	1.8302e+02	4.0865e+02	2.4860e+00
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	1.8226e+02	4.0096e+02	-7.7603e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	1.1269e+02	4.4995e+02	-7.7153e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.1773e+02	4.6618e+02	-3.7239e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	1.7805e+02	4.2816e+02	-3.7689e+01
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	1.9346e+02	3.2282e+02	-1.2794e+02

	757	0.0000e+00	0.0000e+00	0.0000e+00	1.0745e+02	3.7780e+02	-1.3432e+02
	758	0.0000e+00	0.0000e+00	0.0000e+00	1.0883e+02	4.2943e+02	-9.0433e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	1.8037e+02	3.8873e+02	-8.4054e+01
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	2.1997e+02	1.9501e+02	-1.7348e+02
	756	0.0000e+00	0.0000e+00	0.0000e+00	1.1052e+02	2.4676e+02	-1.9255e+02
	757	0.0000e+00	0.0000e+00	0.0000e+00	1.0086e+02	3.3684e+02	-1.5010e+02
	747	0.0000e+00	0.0000e+00	0.0000e+00	1.9463e+02	2.9605e+02	-1.3102e+02
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	2.6953e+02	2.4395e+01	-1.9130e+02
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.3800e+02	4.3295e+01	-2.3272e+02
	756	0.0000e+00	0.0000e+00	0.0000e+00	1.0141e+02	1.8300e+02	-2.0907e+02
	746	0.0000e+00	0.0000e+00	0.0000e+00	2.3013e+02	1.5035e+02	-1.6766e+02
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	3.3651e+02	-1.5733e+02	-1.4326e+02
	754	0.0000e+00	0.0000e+00	0.0000e+00	2.0071e+02	-2.2134e+02	-2.0680e+02
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.2638e+02	-3.7448e+01	-2.3577e+02
	745	0.0000e+00	0.0000e+00	0.0000e+00	2.9425e+02	-3.8317e+01	-1.7222e+02
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	3.8026e+02	-2.7559e+02	-1.9025e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	2.3840e+02	-4.0566e+02	-5.4765e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	1.8692e+02	-2.9989e+02	-1.5322e+02
	744	0.0000e+00	0.0000e+00	0.0000e+00	3.6617e+02	-2.1533e+02	-1.1748e+02
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	2.7088e+02	5.4416e+01	1.4418e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	2.3423e+02	9.8640e+01	2.2418e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	1.1301e+02	-1.1906e+02	3.1997e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	4.0677e+02	-9.5723e+01	2.3998e+01
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	2.7508e+02	2.6079e+02	2.1518e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	2.1977e+02	2.7365e+02	3.8518e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	2.5468e+02	1.4878e+02	4.8335e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	2.7136e+02	1.4024e+02	3.1335e+01
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	2.7143e+02	3.5475e+02	5.9453e-01
	750	0.0000e+00	0.0000e+00	0.0000e+00	2.1511e+02	3.8363e+02	9.6978e+00
	751	0.0000e+00	0.0000e+00	0.0000e+00	2.2547e+02	3.1375e+02	3.0512e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	2.7777e+02	2.9725e+02	2.1409e+01
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	2.7562e+02	3.8279e+02	-2.8549e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	2.1525e+02	4.1890e+02	-2.8565e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	2.1903e+02	3.9920e+02	1.8655e-01
	740	0.0000e+00	0.0000e+00	0.0000e+00	2.7182e+02	3.7263e+02	2.0257e-01
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	2.8966e+02	3.5397e+02	-6.4327e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	2.2302e+02	3.9452e+02	-7.4515e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	2.1717e+02	4.1490e+02	-4.0962e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	2.7681e+02	3.8230e+02	-3.0774e+01
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	3.1625e+02	2.7975e+02	-1.0021e+02
	747	0.0000e+00	0.0000e+00	0.0000e+00	2.4102e+02	3.1885e+02	-1.2202e+02
	748	0.0000e+00	0.0000e+00	0.0000e+00	2.2400e+02	3.7331e+02	-8.8126e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	2.9324e+02	3.3852e+02	-6.6313e+01
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	3.5732e+02	1.7020e+02	-1.2589e+02
	746	0.0000e+00	0.0000e+00	0.0000e+00	2.7395e+02	1.9628e+02	-1.6147e+02
	747	0.0000e+00	0.0000e+00	0.0000e+00	2.4159e+02	2.8244e+02	-1.3506e+02
	737	0.0000e+00	0.0000e+00	0.0000e+00	3.2439e+02	2.5096e+02	-9.9482e+01
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	4.1057e+02	4.0502e+01	-1.2596e+02
	745	0.0000e+00	0.0000e+00	0.0000e+00	3.2412e+02	3.5256e+01	-1.7427e+02
	746	0.0000e+00	0.0000e+00	0.0000e+00	2.7408e+02	1.4780e+02	-1.6845e+02
	736	0.0000e+00	0.0000e+00	0.0000e+00	3.7197e+02	1.2988e+02	-1.2014e+02
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	4.6426e+02	-8.1131e+01	-8.6570e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	3.7840e+02	-1.3091e+02	-1.3519e+02
	745	0.0000e+00	0.0000e+00	0.0000e+00	3.2321e+02	-1.6439e+01	-1.6331e+02
	735	0.0000e+00	0.0000e+00	0.0000e+00	4.3025e+02	-4.9183e+00	-1.1469e+02
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	4.9074e+02	-1.5456e+02	-1.3668e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	4.0678e+02	-2.2841e+02	-3.6090e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	3.7656e+02	-1.7009e+02	-9.5227e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	4.7981e+02	-1.1503e+02	-7.2805e+01
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	3.2187e+02	5.6183e+01	2.0555e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	2.9828e+02	8.7842e+01	2.5063e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	2.2738e+02	-1.1349e+02	3.7087e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	4.0105e+02	-1.0805e+02	3.2578e+01

1863	731	0.0000e+00	0.0000e+00	0.0000e+00	3.3297e+02	2.4654e+02	2.0169e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	2.9319e+02	2.5833e+02	3.0145e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	3.1470e+02	1.4057e+02	3.9117e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	3.2975e+02	1.3280e+02	2.9141e+01
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	3.4053e+02	3.3136e+02	6.1843e+00
	740	0.0000e+00	0.0000e+00	0.0000e+00	2.9589e+02	3.5350e+02	7.5741e+00
	741	0.0000e+00	0.0000e+00	0.0000e+00	2.9993e+02	2.9188e+02	2.3067e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	3.3904e+02	2.8025e+02	2.1677e+01
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	3.5446e+02	3.5177e+02	-1.4029e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	3.0495e+02	3.7881e+02	-2.1579e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	3.0132e+02	3.6472e+02	-4.2481e-01
	730	0.0000e+00	0.0000e+00	0.0000e+00	3.4423e+02	3.4564e+02	7.1258e+00
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	3.7699e+02	3.2104e+02	-3.8146e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	3.2344e+02	3.4943e+02	-5.5869e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	3.0923e+02	3.7273e+02	-3.1789e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	3.5868e+02	3.4863e+02	-1.4066e+01
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	4.1008e+02	2.5258e+02	-6.0386e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	3.5330e+02	2.7658e+02	-8.8933e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	3.2754e+02	3.2943e+02	-6.6392e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	3.8346e+02	3.0429e+02	-3.7844e+01
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	4.5325e+02	1.5899e+02	-7.3504e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	3.9511e+02	1.7081e+02	-1.1203e+02
	737	0.0000e+00	0.0000e+00	0.0000e+00	3.5769e+02	2.4602e+02	-9.7096e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	4.1997e+02	2.2527e+02	-5.8565e+01
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	5.0138e+02	5.6237e+01	-7.0061e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	4.4452e+02	4.7982e+01	-1.1359e+02
	736	0.0000e+00	0.0000e+00	0.0000e+00	3.9957e+02	1.3430e+02	-1.1316e+02
	726	0.0000e+00	0.0000e+00	0.0000e+00	4.6647e+02	1.2513e+02	-6.9638e+01
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	5.4359e+02	-3.3929e+01	-4.6457e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	4.8790e+02	-6.3808e+01	-8.3547e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	4.4808e+02	1.2807e+01	-1.0173e+02
	725	0.0000e+00	0.0000e+00	0.0000e+00	5.1536e+02	2.2567e+01	-6.4640e+01
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	5.6295e+02	-8.7803e+01	-8.4287e+00
	632	0.0000e+00	0.0000e+00	0.0000e+00	5.0913e+02	-1.2713e+02	-2.4575e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	4.8966e+02	-8.8362e+01	-5.6957e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	5.5280e+02	-5.7094e+01	-4.0811e+01
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	3.4767e+02	5.7667e+01	3.6047e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	3.3749e+02	7.1559e+01	3.5416e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	3.1802e+02	-1.2066e+02	4.4973e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	3.6599e+02	-1.2761e+02	4.5604e+01
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	3.6634e+02	2.3675e+02	3.0270e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	3.4494e+02	2.4640e+02	3.2309e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	3.5205e+02	1.3040e+02	3.8735e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	3.6297e+02	1.2604e+02	3.6696e+01
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	3.8450e+02	3.1598e+02	2.2501e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	3.5726e+02	3.3123e+02	1.5933e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	3.5423e+02	2.7546e+02	2.6275e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	3.7549e+02	2.6816e+02	3.2843e+01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	4.0590e+02	3.3152e+02	9.1541e+00
	729	0.0000e+00	0.0000e+00	0.0000e+00	3.7515e+02	3.4944e+02	-4.6194e+00
	730	0.0000e+00	0.0000e+00	0.0000e+00	3.6467e+02	3.3978e+02	9.4892e+00
	720	0.0000e+00	0.0000e+00	0.0000e+00	3.9111e+02	3.2694e+02	2.3263e+01
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	4.3282e+02	3.0069e+02	-5.8437e+00
	728	0.0000e+00	0.0000e+00	0.0000e+00	4.0049e+02	3.1791e+02	-2.7616e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	3.8120e+02	3.4256e+02	-1.2286e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	4.1217e+02	3.2636e+02	9.4860e+00
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	4.6707e+02	2.3750e+02	-1.8180e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	4.3461e+02	2.5022e+02	-4.8214e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	4.0626e+02	2.9966e+02	-3.5037e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	4.4030e+02	2.8365e+02	-5.0037e+00
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	5.0800e+02	1.5426e+02	-2.4244e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	4.7658e+02	1.5916e+02	-6.0962e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	4.4079e+02	2.2416e+02	-5.3211e+01

	717	0.0000e+00	0.0000e+00	0.0000e+00	4.7642e+02	2.1216e+02	-1.6492e+01
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	5.5095e+02	6.5183e+01	-2.2363e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	5.2112e+02	6.0621e+01	-6.0685e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	4.8310e+02	1.2951e+02	-6.0654e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	5.1865e+02	1.2488e+02	-2.2332e+01
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	5.8682e+02	-1.1816e+01	-1.3775e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	5.5758e+02	-2.4301e+01	-4.4661e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	5.2690e+02	3.3035e+01	-5.2480e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	5.6083e+02	3.7596e+01	-2.1594e+01
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	6.0381e+02	-5.8039e+01	-2.1705e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	5.7520e+02	-7.3493e+01	-1.5879e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	5.6100e+02	-4.3333e+01	-2.8849e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	5.9286e+02	-3.0515e+01	-1.5140e+01
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	3.4310e+02	6.4753e+01	6.2256e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	3.4791e+02	5.4819e+01	5.6038e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	3.8543e+02	-1.3134e+02	5.7508e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	2.9418e+02	-1.4447e+02	6.3726e+01
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	3.6709e+02	2.3061e+02	5.1364e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	3.6975e+02	2.3826e+02	4.5915e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	3.6224e+02	1.2193e+02	4.9003e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	3.6460e+02	1.2285e+02	5.4452e+01
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	3.9204e+02	3.0543e+02	4.6842e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	3.9120e+02	3.1501e+02	3.4274e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	3.8230e+02	2.6392e+02	4.0839e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	3.7788e+02	2.5920e+02	5.3407e+01
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	4.1619e+02	3.1857e+02	3.6493e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	4.1528e+02	3.2885e+02	1.9588e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	4.0017e+02	3.2241e+02	2.8466e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	4.0028e+02	3.1334e+02	4.5372e+01
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	4.4267e+02	2.8974e+02	2.7088e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	4.4316e+02	2.9743e+02	4.9405e+00
	719	0.0000e+00	0.0000e+00	0.0000e+00	4.2199e+02	3.2243e+02	1.3205e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	4.2320e+02	3.1211e+02	3.5353e+01
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	4.7395e+02	2.3146e+02	2.1646e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	4.7673e+02	2.3486e+02	-6.5062e+00
	718	0.0000e+00	0.0000e+00	0.0000e+00	4.4918e+02	2.8128e+02	-1.0726e+00
	708	0.0000e+00	0.0000e+00	0.0000e+00	4.4984e+02	2.7284e+02	2.7080e+01
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	5.1054e+02	1.5370e+02	2.0661e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	5.1579e+02	1.5314e+02	-1.2727e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	4.8330e+02	2.1195e+02	-1.0812e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	4.8177e+02	2.0721e+02	2.2576e+01
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	5.4970e+02	6.7615e+01	2.1261e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	5.5643e+02	6.6012e+01	-1.3753e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	5.2335e+02	1.2670e+02	-1.3998e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	5.1854e+02	1.2563e+02	2.1016e+01
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	5.8397e+02	-1.0624e+01	1.7800e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	5.9048e+02	-9.2531e+00	-1.1529e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	5.6412e+02	4.0544e+01	-1.1057e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	5.5652e+02	4.0886e+01	1.8272e+01
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	6.0160e+02	-5.8253e+01	6.2155e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	6.0771e+02	-5.4420e+01	-7.7164e+00
	714	0.0000e+00	0.0000e+00	0.0000e+00	5.9579e+02	-2.7474e+01	-5.0226e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	5.8796e+02	-2.9513e+01	8.9094e+00
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	3.0004e+02	8.2243e+01	9.7189e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	3.2308e+02	4.2237e+01	8.7190e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	4.2594e+02	-1.3437e+02	7.4308e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	1.7884e+02	-1.4630e+02	8.4307e+01
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	3.2008e+02	2.2618e+02	7.8222e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	3.5868e+02	2.3154e+02	6.9133e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	3.3845e+02	1.1779e+02	6.9694e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	3.2364e+02	1.2192e+02	7.8784e+01
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	3.4313e+02	2.9639e+02	7.2612e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	3.8492e+02	3.0056e+02	5.9173e+01

	711	0.0000e+00	0.0000e+00	0.0000e+00	3.7389e+02	2.5488e+02	6.3983e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	3.2951e+02	2.4856e+02	7.7422e+01
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	3.6277e+02	3.0945e+02	6.1669e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	4.0976e+02	3.1285e+02	4.6546e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	3.9397e+02	3.0866e+02	5.1887e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	3.5081e+02	3.0042e+02	6.7010e+01
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	3.8331e+02	2.8501e+02	5.5312e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	4.3489e+02	2.8420e+02	3.6898e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	4.1542e+02	3.0849e+02	3.9120e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	3.6899e+02	3.0283e+02	5.7534e+01
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	4.0739e+02	2.3205e+02	5.5264e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	4.6364e+02	2.2683e+02	3.2078e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	4.3941e+02	2.7086e+02	3.0010e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	3.8907e+02	2.7014e+02	5.3195e+01
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	4.3632e+02	1.5698e+02	5.9709e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	4.9741e+02	1.4988e+02	3.1411e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	4.6880e+02	2.0655e+02	2.6297e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	4.1300e+02	2.1060e+02	5.4595e+01
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	4.6974e+02	6.6356e+01	6.2730e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	5.3499e+02	6.3872e+01	3.0653e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	5.0440e+02	1.2461e+02	2.6610e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	4.4146e+02	1.3094e+02	5.8687e+01
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	5.0564e+02	-2.7831e+01	5.3551e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	5.7017e+02	-1.5523e+01	2.1903e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	5.4414e+02	3.6608e+01	2.6284e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	4.7360e+02	3.9367e+01	5.7931e+01
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	5.2615e+02	-9.0126e+01	1.8465e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	5.9107e+02	-6.5888e+01	1.3533e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	5.7897e+02	-3.7746e+01	1.8746e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	5.0685e+02	-5.1424e+01	3.5858e+01
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	1.9591e+02	9.8687e+01	1.2479e+02
	702	0.0000e+00	0.0000e+00	0.0000e+00	2.5613e+02	3.4681e+01	1.2146e+02
	703	0.0000e+00	0.0000e+00	0.0000e+00	4.2882e+02	-1.1560e+02	9.2069e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	1.7090e+01	-1.1555e+02	9.5405e+01
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	1.9356e+02	2.0334e+02	9.7393e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	2.9673e+02	2.2147e+02	9.2907e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	2.6668e+02	1.1703e+02	9.1742e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	2.1538e+02	1.3771e+02	9.6227e+01
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	2.0138e+02	2.7523e+02	8.9011e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	3.1724e+02	2.8348e+02	8.2495e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	3.0760e+02	2.4364e+02	8.4870e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	1.9906e+02	2.4671e+02	9.1387e+01
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	2.0963e+02	2.9826e+02	7.8273e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	3.3379e+02	2.9802e+02	7.0073e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	3.2159e+02	2.9387e+02	7.0234e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	2.0679e+02	2.9328e+02	7.8434e+01
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	2.2135e+02	2.8785e+02	7.5413e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	3.4961e+02	2.7564e+02	6.4053e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	3.3616e+02	2.9713e+02	5.8490e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	2.1395e+02	2.9705e+02	6.9850e+01
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	2.3610e+02	2.4828e+02	8.0192e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	3.6847e+02	2.2440e+02	6.5105e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	3.5251e+02	2.6614e+02	5.3899e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	2.2439e+02	2.6669e+02	6.8987e+01
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	2.5323e+02	1.8272e+02	8.9819e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	3.9208e+02	1.4972e+02	7.1040e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	3.7343e+02	2.0790e+02	5.6274e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	2.3743e+02	2.0709e+02	7.5053e+01
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	2.7270e+02	9.3318e+01	9.8430e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	4.2151e+02	5.7559e+01	7.5801e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	4.0042e+02	1.2729e+02	6.2053e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	2.5227e+02	1.2150e+02	8.4682e+01
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	3.0144e+02	-1.9080e+01	9.3475e+01



	694	0.0000e+00	0.0000e+00	0.0000e+00	4.5313e+02	-4.1347e+01	6.5948e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	4.3536e+02	3.0255e+01	6.4170e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	2.6870e+02	1.1863e+01	9.1698e+01
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	3.1820e+02	-1.5662e+02	3.4794e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	4.8749e+02	-1.1370e+02	1.2622e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	4.7602e+02	-7.4870e+01	4.9730e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	2.8898e+02	-1.1285e+02	7.1902e+01
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	-1.3007e+01	3.3838e+02	1.0723e+02
	691	0.0000e+00	0.0000e+00	0.0000e+00	1.0039e+02	2.7206e+01	1.7241e+02
	693	0.0000e+00	0.0000e+00	0.0000e+00	3.9381e+02	-5.9468e+01	1.0978e+02
	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.8684e+02	-2.3410e+02	4.4598e+01
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	-6.8797e+01	3.6908e+02	9.3730e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	1.1196e+02	1.9284e+02	1.2761e+02
	691	0.0000e+00	0.0000e+00	0.0000e+00	1.5000e+02	1.2519e+02	1.2391e+02
	692	0.0000e+00	0.0000e+00	0.0000e+00	-4.4661e+01	-4.2975e+01	9.0026e+01
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	-9.3944e+01	3.7017e+02	8.8657e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	1.1972e+02	2.5652e+02	1.0760e+02
	689	0.0000e+00	0.0000e+00	0.0000e+00	1.5106e+02	2.3122e+02	1.0978e+02
	690	0.0000e+00	0.0000e+00	0.0000e+00	-9.0516e+01	1.1283e+02	9.0832e+01
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	-9.7405e+01	3.3039e+02	8.4500e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	1.2932e+02	2.8156e+02	8.7108e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	1.3833e+02	2.7692e+02	8.6011e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.0163e+02	2.3049e+02	8.3403e+01
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	-9.1519e+01	2.5872e+02	8.3066e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	1.4375e+02	2.7130e+02	7.4417e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	1.3214e+02	2.8460e+02	6.8796e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-9.5784e+01	3.0944e+02	7.7445e+01
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	-8.5397e+01	1.5777e+02	8.4725e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.6104e+02	2.2969e+02	6.9245e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	1.3118e+02	2.6008e+02	5.9599e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-8.3943e+01	3.5303e+02	7.5078e+01
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	-8.5284e+01	2.7239e+01	8.8285e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.7934e+02	1.5952e+02	6.9017e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	1.3297e+02	2.0657e+02	5.6847e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-7.4266e+01	3.6538e+02	7.6115e+01
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	-9.4514e+01	-1.3524e+02	9.1073e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	1.9889e+02	6.2448e+01	6.8828e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.3559e+02	1.2573e+02	5.6744e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-7.2022e+01	3.4975e+02	7.8990e+01
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	-1.1257e+02	-3.3149e+02	8.9126e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	2.2458e+02	-6.1990e+01	6.1134e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	1.3990e+02	1.7751e+01	5.2641e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-7.9250e+01	3.0577e+02	8.0634e+01
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.8668e+02	-5.5231e+02	7.9101e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	3.4865e+02	-1.9970e+02	2.6544e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	1.6029e+02	-1.3764e+02	2.0590e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-9.4756e+01	2.2795e+02	7.3147e+01
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	-3.8256e+02	-5.4574e+02	1.7091e+02
	674	0.0000e+00	0.0000e+00	0.0000e+00	-8.0923e+02	-1.3175e+02	1.7160e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	-1.1938e+03	-1.4628e+03	7.8293e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	3.4263e+00	-8.6393e+02	7.7603e+01
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	-3.0467e+02	4.7796e+01	1.9701e+02
	673	0.0000e+00	0.0000e+00	0.0000e+00	-4.2930e+02	8.4144e+01	5.6869e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	-6.4178e+02	-2.1714e+02	1.2812e+02
	664	0.0000e+00	0.0000e+00	0.0000e+00	-3.7504e+02	-3.2199e+02	2.6825e+02
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	-1.7246e+02	2.4039e+02	1.2342e+02
	672	0.0000e+00	0.0000e+00	0.0000e+00	-2.2464e+02	2.6732e+02	2.9237e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	-3.4861e+02	1.3020e+02	7.6515e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	-2.3858e+02	6.3428e+01	1.7070e+02
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	-8.9378e+01	3.3007e+02	6.4012e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	-1.1579e+02	3.5323e+02	1.0763e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	-1.8132e+02	2.8715e+02	4.2908e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-1.3132e+02	2.4660e+02	9.6156e+01

1926	660	0.0000e+00	0.0000e+00	0.0000e+00	-5.3244e+01	3.6322e+02	1.4121e+01
	670	0.0000e+00	0.0000e+00	0.0000e+00	-7.2430e+01	3.8625e+02	-5.2684e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	-9.5435e+01	3.6184e+02	2.0600e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	-6.9374e+01	3.3361e+02	3.9989e+01
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	-6.0090e+01	3.5204e+02	-3.3959e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	-8.4258e+01	3.7923e+02	-2.2316e+01
	670	0.0000e+00	0.0000e+00	0.0000e+00	-6.9999e+01	3.8829e+02	3.1866e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	-5.0849e+01	3.6494e+02	-8.4569e+00
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	-1.1009e+02	2.8784e+02	-8.8598e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.5520e+02	3.2614e+02	-4.3660e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	-9.9487e+01	3.7496e+02	-1.2758e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-7.5104e+01	3.5202e+02	-5.7697e+01
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	-2.0519e+02	1.3439e+02	-1.6004e+02
	667	0.0000e+00	0.0000e+00	0.0000e+00	-3.0400e+02	1.9663e+02	-7.5282e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.9250e+02	3.1150e+02	-3.0644e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-1.4562e+02	2.8527e+02	-1.1540e+02
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	-3.3154e+02	-2.0443e+02	-2.5325e+02
	666	0.0000e+00	0.0000e+00	0.0000e+00	-5.7155e+02	-1.0710e+02	-1.2356e+02
	667	0.0000e+00	0.0000e+00	0.0000e+00	-3.7642e+02	1.5799e+02	-5.6755e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-2.6491e+02	1.2291e+02	-1.8645e+02
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.1196e+01	-6.9246e+02	-9.3942e+01
	20	0.0000e+00	0.0000e+00	0.0000e+00	-1.0739e+03	-1.2143e+03	-8.4130e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-7.2314e+02	-3.1875e+01	-1.6123e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	-3.4211e+02	-4.0089e+02	-1.7104e+02
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	1.6371e+02	-3.9417e+02	1.8180e+02
	664	0.0000e+00	0.0000e+00	0.0000e+00	-1.9711e+02	-4.9295e+02	2.4321e+02
	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.0858e+02	-6.9919e+02	9.0168e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	1.9912e+02	-4.9467e+02	2.8759e+01
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	5.0011e+01	-6.3244e+01	2.0877e+02
	663	0.0000e+00	0.0000e+00	0.0000e+00	-1.7427e+02	-3.1013e+01	2.5067e+02
	664	0.0000e+00	0.0000e+00	0.0000e+00	-1.2059e+02	-2.4265e+02	2.7923e+02
	653	0.0000e+00	0.0000e+00	0.0000e+00	8.0906e+01	-2.6702e+02	2.3733e+02
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	1.9819e+01	1.4767e+02	1.5852e+02
	662	0.0000e+00	0.0000e+00	0.0000e+00	-1.0275e+02	1.9832e+02	1.4854e+02
	663	0.0000e+00	0.0000e+00	0.0000e+00	-1.4042e+02	8.1875e+01	2.1606e+02
	652	0.0000e+00	0.0000e+00	0.0000e+00	3.7348e+01	-1.2868e+00	2.2604e+02
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	3.0988e+01	2.5664e+02	8.8938e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	-4.8285e+01	3.0562e+02	7.2104e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	-8.1230e+01	2.4637e+02	1.3312e+02
	651	0.0000e+00	0.0000e+00	0.0000e+00	2.9956e+01	1.7444e+02	1.4995e+02
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	4.2756e+01	2.9795e+02	1.6977e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-2.2845e+01	3.4795e+02	8.5896e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	-3.6747e+01	3.2539e+02	6.3152e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	3.9730e+01	2.6725e+02	7.1539e+01
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	4.4896e+01	2.8624e+02	-5.6368e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-2.8568e+01	3.4291e+02	-5.2808e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-2.0953e+01	3.5065e+02	1.3223e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	4.4465e+01	3.0004e+02	-2.2377e+00
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	4.0497e+01	2.1658e+02	-1.3414e+02
	658	0.0000e+00	0.0000e+00	0.0000e+00	-6.3526e+01	2.8616e+02	-1.2123e+02
	659	0.0000e+00	0.0000e+00	0.0000e+00	-3.6307e+01	3.2912e+02	-6.1394e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	3.9344e+01	2.8012e+02	-7.4309e+01
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	4.8522e+01	6.8319e+01	-2.1113e+02
	657	0.0000e+00	0.0000e+00	0.0000e+00	-1.1574e+02	1.4939e+02	-2.0202e+02
	658	0.0000e+00	0.0000e+00	0.0000e+00	-8.1273e+01	2.4619e+02	-1.3557e+02
	647	0.0000e+00	0.0000e+00	0.0000e+00	3.2428e+01	1.9556e+02	-1.4467e+02
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	8.5307e+01	-1.6697e+02	-2.3309e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	-1.0322e+02	-1.3550e+02	-2.6722e+02
	657	0.0000e+00	0.0000e+00	0.0000e+00	-1.4586e+02	5.0566e+01	-2.3349e+02
	646	0.0000e+00	0.0000e+00	0.0000e+00	5.9077e+01	1.5196e+01	-1.9937e+02
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	1.8292e+02	-3.7987e+02	-6.3927e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.0266e+02	-5.4797e+02	-1.1216e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	-1.7299e+02	-3.5811e+02	-2.3670e+02

	645	0.0000e+00	0.0000e+00	0.0000e+00	1.5590e+02	-2.7940e+02	-1.8846e+02
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	3.6032e+02	-2.4763e+02	1.1211e+02
	653	0.0000e+00	0.0000e+00	0.0000e+00	1.7595e+02	-3.2032e+02	1.5106e+02
	654	0.0000e+00	0.0000e+00	0.0000e+00	2.2974e+02	-4.1277e+02	4.9393e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	3.8516e+02	-2.8398e+02	1.0440e+01
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	2.7775e+02	-8.2035e+01	1.5925e+02
	652	0.0000e+00	0.0000e+00	0.0000e+00	1.0947e+02	-6.6493e+01	2.2212e+02
	653	0.0000e+00	0.0000e+00	0.0000e+00	1.9537e+02	-2.3214e+02	2.0526e+02
	642	0.0000e+00	0.0000e+00	0.0000e+00	3.1874e+02	-1.8319e+02	1.4239e+02
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	2.1355e+02	7.6614e+01	1.3784e+02
	651	0.0000e+00	0.0000e+00	0.0000e+00	8.5568e+01	1.2201e+02	1.7329e+02
	652	0.0000e+00	0.0000e+00	0.0000e+00	1.2141e+02	9.0271e+00	2.1197e+02
	641	0.0000e+00	0.0000e+00	0.0000e+00	2.4928e+02	-2.2233e+01	1.7652e+02
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	1.8365e+02	1.7845e+02	8.2718e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	8.5083e+01	2.3203e+02	9.6203e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	9.3029e+01	1.7111e+02	1.5262e+02
	640	0.0000e+00	0.0000e+00	0.0000e+00	2.0293e+02	1.1288e+02	1.3913e+02
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	1.7648e+02	2.2209e+02	1.5373e+01
	649	0.0000e+00	0.0000e+00	0.0000e+00	8.9668e+01	2.7913e+02	1.7814e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	8.9273e+01	2.5568e+02	7.7088e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	1.8180e+02	1.9525e+02	7.4647e+01
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	1.8394e+02	2.1338e+02	-5.5105e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	9.3275e+01	2.7358e+02	-5.9437e+01
	649	0.0000e+00	0.0000e+00	0.0000e+00	9.1042e+01	2.8215e+02	-1.9681e-02
	638	0.0000e+00	0.0000e+00	0.0000e+00	1.7743e+02	2.2459e+02	4.3127e+00
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	2.0674e+02	1.5213e+02	-1.2169e+02
	647	0.0000e+00	0.0000e+00	0.0000e+00	1.0055e+02	2.1153e+02	-1.3569e+02
	648	0.0000e+00	0.0000e+00	0.0000e+00	9.1775e+01	2.5639e+02	-7.8227e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	1.8725e+02	2.0191e+02	-6.4226e+01
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	2.5156e+02	3.7905e+01	-1.6618e+02
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.2773e+02	7.5447e+01	-1.9908e+02
	647	0.0000e+00	0.0000e+00	0.0000e+00	9.5629e+01	1.7005e+02	-1.5599e+02
	636	0.0000e+00	0.0000e+00	0.0000e+00	2.1725e+02	1.2220e+02	-1.2309e+02
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	3.1631e+02	-1.0770e+02	-1.5024e+02
	645	0.0000e+00	0.0000e+00	0.0000e+00	1.9273e+02	-1.3814e+02	-2.0668e+02
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.1810e+02	8.4128e+00	-2.1049e+02
	635	0.0000e+00	0.0000e+00	0.0000e+00	2.7702e+02	-1.4469e+01	-1.5405e+02
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	3.7638e+02	-2.1253e+02	-5.1760e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	2.2102e+02	-3.0926e+02	-8.6280e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	1.7549e+02	-2.1975e+02	-1.6201e+02
	634	0.0000e+00	0.0000e+00	0.0000e+00	3.5224e+02	-1.6640e+02	-1.2749e+02
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	4.7764e+02	-1.5073e+02	6.4508e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	3.7140e+02	-1.9989e+02	8.7111e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	4.0091e+02	-2.3713e+02	2.5000e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	4.9375e+02	-1.6320e+02	2.3971e+00
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	4.2232e+02	-6.3869e+01	1.0313e+02
	641	0.0000e+00	0.0000e+00	0.0000e+00	3.0936e+02	-6.5930e+01	1.5161e+02
	642	0.0000e+00	0.0000e+00	0.0000e+00	3.7490e+02	-1.5876e+02	1.2965e+02
	631	0.0000e+00	0.0000e+00	0.0000e+00	4.5461e+02	-1.1731e+02	8.1170e+01
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	3.6346e+02	4.0291e+01	9.7022e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	2.5925e+02	6.9455e+01	1.3965e+02
	641	0.0000e+00	0.0000e+00	0.0000e+00	3.1079e+02	-1.5509e+01	1.5738e+02
	630	0.0000e+00	0.0000e+00	0.0000e+00	3.9796e+02	-2.1467e+01	1.1474e+02
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	3.2426e+02	1.1980e+02	6.1828e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	2.3188e+02	1.6304e+02	8.7089e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	2.5929e+02	1.0861e+02	1.2682e+02
	629	0.0000e+00	0.0000e+00	0.0000e+00	3.4784e+02	7.3119e+01	1.0156e+02
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	3.0985e+02	1.5848e+02	1.2776e+01
	638	0.0000e+00	0.0000e+00	0.0000e+00	2.2413e+02	2.0679e+02	2.0587e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	2.3203e+02	1.8433e+02	6.8594e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	3.1772e+02	1.3750e+02	6.0783e+01
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	3.1901e+02	1.5354e+02	-3.9297e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	2.3342e+02	2.0158e+02	-4.7629e+01

	638	0.0000e+00	0.0000e+00	0.0000e+00	2.2524e+02	2.0966e+02	1.1383e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	3.1037e+02	1.6105e+02	9.4705e+00
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	3.5044e+02	1.0670e+02	-8.4051e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	2.6174e+02	1.4623e+02	-1.0906e+02
	637	0.0000e+00	0.0000e+00	0.0000e+00	2.3546e+02	1.8608e+02	-6.6398e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	3.2623e+02	1.4105e+02	-4.1384e+01
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	4.0119e+02	2.6132e+01	-1.0664e+02
	635	0.0000e+00	0.0000e+00	0.0000e+00	3.1192e+02	4.1657e+01	-1.4799e+02
	636	0.0000e+00	0.0000e+00	0.0000e+00	2.6389e+02	1.1275e+02	-1.2316e+02
	625	0.0000e+00	0.0000e+00	0.0000e+00	3.6575e+02	7.9068e+01	-8.1809e+01
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	4.5945e+02	-6.4908e+01	-9.0681e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	3.7332e+02	-8.8476e+01	-1.3826e+02
	635	0.0000e+00	0.0000e+00	0.0000e+00	3.1269e+02	-4.4742e+00	-1.4624e+02
	624	0.0000e+00	0.0000e+00	0.0000e+00	4.2406e+02	-1.2214e+01	-9.8668e+01
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	5.0316e+02	-1.2487e+02	-3.8213e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	4.0275e+02	-1.7342e+02	-6.4472e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	3.7205e+02	-1.3025e+02	-1.0513e+02
	623	0.0000e+00	0.0000e+00	0.0000e+00	4.8085e+02	-9.8234e+01	-7.8868e+01
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	5.5376e+02	-9.3618e+01	3.2352e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	4.8870e+02	-1.2183e+02	4.6091e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	5.0564e+02	-1.3615e+02	1.1826e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	5.6455e+02	-9.6449e+01	-1.9134e+00
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	5.1500e+02	-4.3479e+01	5.5747e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	4.4192e+02	-4.8336e+01	9.0676e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	4.8683e+02	-1.0114e+02	7.4920e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	5.4059e+02	-7.4767e+01	3.9991e+01
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	4.6859e+02	2.6168e+01	5.6053e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	3.9378e+02	4.1897e+01	9.2784e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	4.3846e+02	-1.6613e+01	9.9634e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	4.9806e+02	-1.4457e+01	6.2902e+01
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	4.3354e+02	8.5458e+01	3.8490e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	3.6081e+02	1.1315e+02	6.3849e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	3.9034e+02	7.0180e+01	8.6904e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	4.5519e+02	5.2177e+01	6.1546e+01
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	4.1944e+02	1.1695e+02	1.1036e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	3.4915e+02	1.4928e+02	1.9625e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	3.5912e+02	1.2999e+02	5.0604e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	4.2681e+02	1.0093e+02	4.2016e+01
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	4.2885e+02	1.1445e+02	-1.8506e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	3.6009e+02	1.4546e+02	-2.7826e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	3.5022e+02	1.5168e+02	4.1917e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	4.1991e+02	1.1923e+02	1.3512e+01
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	4.6005e+02	7.9492e+01	-4.2325e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	3.9299e+02	1.0237e+02	-6.8455e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	3.6396e+02	1.3315e+02	-4.1865e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	4.3634e+02	1.0333e+02	-1.5735e+01
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	5.0683e+02	2.1410e+01	-5.2303e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	4.4287e+02	2.8432e+01	-9.0489e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	3.9875e+02	7.7619e+01	-7.6527e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	4.7388e+02	5.6971e+01	-3.8340e+01
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	5.5642e+02	-4.0798e+01	-4.3264e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	4.9507e+02	-5.2903e+01	-8.2136e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	4.4892e+02	-2.3261e+00	-8.6158e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	5.2411e+02	-6.4608e+00	-4.7285e+01
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	5.9237e+02	-8.1842e+01	-1.9874e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	5.2501e+02	-1.0332e+02	-4.3028e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	4.9996e+02	-7.7943e+01	-6.1357e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	5.7069e+02	-6.3092e+01	-3.8202e+01
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	5.9634e+02	-6.6060e+01	9.6539e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	5.6313e+02	-7.8132e+01	1.8840e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	5.7352e+02	-8.2541e+01	4.7688e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	6.0449e+02	-6.6726e+01	-4.4177e+00
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	5.6642e+02	-2.9002e+01	1.7934e+01

	619	0.0000e+00	0.0000e+00	0.0000e+00	5.2794e+02	-3.2972e+01	4.4425e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	5.5882e+02	-6.5496e+01	3.6185e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	5.8900e+02	-5.3137e+01	9.6948e+00
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	5.2992e+02	2.4936e+01	2.0880e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	4.8742e+02	3.0220e+01	5.0727e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	5.2190e+02	-1.0915e+01	5.1448e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	5.5569e+02	-7.0591e+00	2.1601e+01
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	5.0165e+02	7.2462e+01	1.7945e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	4.5720e+02	8.4437e+01	3.9673e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	4.8224e+02	5.1317e+01	4.8456e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	5.2047e+02	4.5886e+01	2.6728e+01
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	4.9053e+02	9.8523e+01	1.0768e+01
	616	0.0000e+00	0.0000e+00	0.0000e+00	4.4600e+02	1.1342e+02	1.8087e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	4.5472e+02	9.7555e+01	3.1706e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	4.9658e+02	8.5460e+01	2.4387e+01
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	4.9988e+02	9.6752e+01	2.5179e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	4.5670e+02	1.1074e+02	-6.5388e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	4.4714e+02	1.1527e+02	8.0524e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	4.9116e+02	1.0034e+02	1.7109e+01
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	5.2842e+02	6.7928e+01	-3.3350e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	4.8778e+02	7.7536e+01	-2.7354e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	4.6153e+02	1.0092e+02	-1.5487e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	5.0618e+02	8.7011e+01	8.5321e+00
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	5.7019e+02	1.9913e+01	-4.5183e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	5.3253e+02	2.2938e+01	-3.8225e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	4.9552e+02	5.8329e+01	-3.1942e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	5.3918e+02	4.8903e+01	1.7640e+00
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	6.1392e+02	-3.1750e+01	-1.6544e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	5.7812e+02	-3.4599e+01	-3.5288e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	5.4153e+02	-1.5122e-01	-3.5333e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	5.8263e+02	-2.9113e+00	-1.6988e+00
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	6.4540e+02	-6.7000e+01	1.5882e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	6.0875e+02	-7.1711e+01	-2.0270e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	5.8604e+02	-5.3286e+01	-2.4197e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	6.2400e+02	-5.0214e+01	-2.3394e+00
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	5.9332e+02	-6.2443e+01	-8.6869e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	6.0028e+02	-6.1693e+01	-9.7586e-01
	610	0.0000e+00	0.0000e+00	0.0000e+00	6.0747e+02	-6.3542e+01	1.0638e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	6.0170e+02	-6.6834e+01	-6.6472e+00
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	5.6676e+02	-2.0700e+01	-1.3999e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	5.7078e+02	-2.4317e+01	8.9849e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	5.9350e+02	-5.0224e+01	6.3301e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	5.9043e+02	-4.8580e+01	-1.6654e+01
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	5.3723e+02	3.2670e+01	-8.2117e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	5.3607e+02	2.8747e+01	1.6775e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	5.6263e+02	-5.2824e+00	1.1839e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	5.6111e+02	5.7673e-01	-1.3148e+01
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	5.1562e+02	7.7061e+01	1.7475e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	5.1017e+02	7.4550e+01	1.9503e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	5.2991e+02	4.6463e+01	1.5356e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	5.3172e+02	5.2170e+01	-2.3995e+00
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	5.0796e+02	1.0070e+02	1.2100e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	5.0085e+02	9.9051e+01	1.7687e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	5.0746e+02	8.5409e+01	1.5116e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	5.1264e+02	8.8853e+01	9.5293e+00
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	5.1675e+02	9.8555e+01	2.2124e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	5.1075e+02	9.6464e+01	1.3864e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	5.0207e+02	1.0047e+02	1.2012e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	5.0876e+02	1.0205e+02	2.0271e+01
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	5.4149e+02	7.0630e+01	3.1724e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	5.3849e+02	6.7646e+01	1.0592e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	5.1593e+02	8.8013e+01	8.5721e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	5.2140e+02	8.9033e+01	2.9704e+01

1989	591	0.0000e+00	0.0000e+00	0.0000e+00	5.7845e+02	2.2175e+01	3.8857e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	5.7851e+02	2.0194e+01	8.7438e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	5.4728e+02	5.0884e+01	7.2078e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	5.4891e+02	5.1947e+01	3.7321e+01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	6.1899e+02	-3.3822e+01	3.8136e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	6.2058e+02	-3.0930e+01	6.7364e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	5.8966e+02	-7.3300e-01	8.4060e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	5.8654e+02	-1.1501e+00	3.9806e+01
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	6.4707e+02	-7.3944e+01	2.4260e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	6.5221e+02	-6.6221e+01	2.9821e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	6.3103e+02	-4.8864e+01	9.6114e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	6.2530e+02	-5.4278e+01	3.0889e+01
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	5.1354e+02	-7.9030e+01	-2.7164e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	5.8540e+02	-6.9513e+01	-1.7716e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	5.9210e+02	-7.5077e+01	-1.1066e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	5.2591e+02	-9.8478e+01	-1.0554e+01
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	4.8919e+02	-1.1682e+01	-4.2290e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	5.5516e+02	-2.1517e+01	-1.9301e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	5.7478e+02	-5.2670e+01	-2.1011e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	5.1597e+02	-5.9117e+01	-4.3999e+01
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	4.6837e+02	5.1284e+01	-2.9981e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	5.2436e+02	3.5569e+01	-9.4072e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	5.4616e+02	-7.9166e-01	-2.2358e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	4.8809e+02	9.1594e+00	-4.2932e+01
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	4.5497e+02	9.7393e+01	-8.7027e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	5.0369e+02	8.0540e+01	4.6119e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	5.1896e+02	5.2449e+01	-1.2012e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	4.6657e+02	6.8542e+01	-2.5327e+01
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	4.5108e+02	1.1999e+02	1.5030e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	4.9705e+02	1.0321e+02	1.8809e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	5.0173e+02	9.0265e+01	1.7649e+00
	584	0.0000e+00	0.0000e+00	0.0000e+00	4.5403e+02	1.0726e+02	-2.0133e+00
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	4.5781e+02	1.1614e+02	3.8766e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	5.0567e+02	9.9631e+01	3.2151e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	4.9825e+02	1.0441e+02	1.5545e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	4.5188e+02	1.2081e+02	2.2161e+01
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	4.7539e+02	8.5161e+01	6.0786e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	5.2879e+02	7.0106e+01	4.4063e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	5.1002e+02	9.1937e+01	2.8587e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	4.6041e+02	1.0755e+02	4.5310e+01
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	5.0320e+02	2.8705e+01	7.7010e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	5.6365e+02	1.9614e+01	5.1643e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	5.3655e+02	5.4004e+01	4.0013e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	4.7911e+02	6.7961e+01	6.5380e+01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	5.4012e+02	-4.5703e+01	7.7955e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	6.0337e+02	-3.9332e+01	4.7412e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	5.7513e+02	-2.8382e+00	4.6406e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	5.0672e+02	5.5269e+00	7.6949e+01
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	5.6447e+02	-1.0565e+02	4.6887e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	6.3709e+02	-8.3616e+01	2.5239e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	6.1692e+02	-6.2013e+01	4.1293e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	5.4095e+02	-7.1792e+01	6.2941e+01
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	2.9858e+02	-1.3011e+02	-5.0523e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	4.8405e+02	-1.0069e+02	-3.8055e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	4.8871e+02	-1.2254e+02	-4.2694e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	3.1909e+02	-1.6009e+02	-1.6737e+01
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	2.9285e+02	-2.5770e+01	-6.0372e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	4.5310e+02	-1.6156e+01	-4.4880e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	4.5917e+02	-7.1283e+01	-5.5360e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	3.1806e+02	-4.0900e+01	-7.0852e+01
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	2.9165e+02	5.9464e+01	-3.9107e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	4.3031e+02	5.2435e+01	-2.9137e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	4.4021e+02	3.7533e+00	-5.4209e+01

	573	0.0000e+00	0.0000e+00	0.0000e+00	3.0188e+02	4.6415e+01	-6.4180e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	2.9183e+02	1.1704e+02	-1.0863e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	4.1757e+02	9.9883e+01	-5.2251e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	4.2387e+02	6.6853e+01	-3.4334e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	2.9691e+02	1.0739e+02	-3.9971e+01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	2.9316e+02	1.4694e+02	1.9743e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	4.1374e+02	1.2165e+02	2.1088e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	4.1516e+02	1.0785e+02	-8.8075e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	2.9446e+02	1.4181e+02	-1.0152e+01
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	2.9596e+02	1.4884e+02	5.0498e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	4.1864e+02	1.1599e+02	4.7356e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	4.1452e+02	1.2281e+02	1.7660e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	2.9374e+02	1.4881e+02	2.0802e+01
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	3.0071e+02	1.2208e+02	7.9662e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	4.3202e+02	8.2384e+01	7.1916e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	4.2257e+02	1.1007e+02	4.3197e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	2.9453e+02	1.2729e+02	5.0942e+01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	3.0825e+02	6.5532e+01	1.0369e+02
	580	0.0000e+00	0.0000e+00	0.0000e+00	4.5403e+02	2.2030e+01	9.0984e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	4.3986e+02	6.9130e+01	6.5698e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	2.9678e+02	7.5739e+01	7.8401e+01
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	3.2734e+02	-2.3195e+01	1.1302e+02
	579	0.0000e+00	0.0000e+00	0.0000e+00	4.8101e+02	-5.8967e+01	9.3483e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	4.6805e+02	1.6096e+00	8.0355e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	3.0086e+02	-8.1464e+00	9.9896e+01
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	3.3736e+02	-1.5617e+02	6.7497e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	5.2177e+02	-1.3021e+02	4.6858e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	5.0759e+02	-9.2147e+01	7.4569e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	3.0988e+02	-1.2110e+02	9.5208e+01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	-7.1066e+01	1.7356e+02	-2.9556e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	1.7095e+02	-1.5040e+02	2.4699e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	3.4863e+02	-2.0659e+02	-8.3744e+00
	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.8410e+02	-5.0906e+02	-4.0401e+01
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	-3.6490e+01	2.2891e+02	-3.0262e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.7210e+02	-1.7272e+01	-2.2811e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	2.3781e+02	-8.1145e+01	-3.8297e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-8.7159e+01	-2.9664e+02	-4.5748e+01
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	-1.0692e+01	2.4862e+02	-1.7148e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	1.8586e+02	6.6358e+01	-1.3892e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	2.2921e+02	2.0868e+01	-3.6208e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	-4.7472e+01	-1.1717e+02	-3.9464e+01
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	2.9785e+00	2.4116e+02	1.5710e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	1.9877e+02	1.1998e+02	3.7853e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	2.2439e+02	9.1797e+01	-2.1804e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	-1.8172e+01	2.1331e+01	-2.4018e+01
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	5.0062e+00	2.0716e+02	2.2892e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	2.0924e+02	1.4450e+02	2.4482e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	2.1895e+02	1.3364e+02	-2.1937e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	-1.4905e+00	1.2385e+02	-3.7842e+00
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	-3.9153e+00	1.4357e+02	4.4481e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	2.1755e+02	1.3995e+02	4.5201e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	2.1136e+02	1.4660e+02	1.8734e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	3.7368e+00	1.9544e+02	1.8014e+01
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	-2.4129e+01	4.5520e+01	6.4059e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	2.2427e+02	1.0522e+02	6.3722e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	2.0123e+02	1.3013e+02	3.8643e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-1.7663e+00	2.3953e+02	3.8981e+01
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	-5.6807e+01	-9.3409e+01	7.8804e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	2.3081e+02	3.8267e+01	7.6846e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	1.8841e+02	8.2609e+01	5.4905e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.8356e+01	2.5777e+02	5.6862e+01
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	-1.0059e+02	-2.7984e+02	8.5401e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	2.3988e+02	-6.5676e+01	7.9418e+01

	561	0.0000e+00	0.0000e+00	0.0000e+00	1.7390e+02	1.6629e+00	6.3022e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-4.6680e+01	2.4832e+02	6.9004e+01
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.1622e+02	-5.0933e+02	8.4327e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	3.5171e+02	-2.0732e+02	5.8247e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	1.6799e+02	-1.3506e+02	4.0276e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-8.5133e+01	2.0257e+02	6.6357e+01
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	-3.3622e+02	-3.9355e+02	1.6956e+02
	557	0.0000e+00	0.0000e+00	0.0000e+00	-7.1301e+02	-2.8285e+01	1.5896e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	-1.0614e+03	-1.1986e+03	8.2932e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	-9.2628e+00	-6.8261e+02	9.3526e+01
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	-2.5864e+02	1.2536e+02	1.8471e+02
	556	0.0000e+00	0.0000e+00	0.0000e+00	-3.6873e+02	1.6006e+02	5.5588e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	-5.6265e+02	-1.0280e+02	1.2174e+02
	547	0.0000e+00	0.0000e+00	0.0000e+00	-3.2533e+02	-1.9919e+02	2.5086e+02
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	-1.3934e+02	2.8718e+02	1.1444e+02
	555	0.0000e+00	0.0000e+00	0.0000e+00	-1.8538e+02	3.1306e+02	2.9702e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	-2.9666e+02	1.9842e+02	7.3848e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	-1.9911e+02	1.3680e+02	1.5859e+02
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	-6.8047e+01	3.5514e+02	5.7517e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	-9.1694e+01	3.7767e+02	1.2004e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	-1.4796e+02	3.2784e+02	4.2480e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	-1.0364e+02	2.8998e+02	8.7993e+01
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	-4.2174e+01	3.7068e+02	9.1208e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	-6.0414e+01	3.9350e+02	-3.6963e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	-7.5951e+01	3.8236e+02	2.1339e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	-5.2506e+01	3.5556e+02	3.4156e+01
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	-5.8203e+01	3.4336e+02	-3.8311e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-8.2868e+01	3.7083e+02	-2.0748e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	-6.1944e+01	3.9211e+02	4.5212e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	-4.3678e+01	3.6950e+02	-1.3042e+01
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	-1.1675e+02	2.6211e+02	-9.3148e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-1.6423e+02	3.0144e+02	-4.2508e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-1.0186e+02	3.6311e+02	-1.1221e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-7.6914e+01	3.4044e+02	-6.1861e+01
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	-2.1984e+02	8.7598e+01	-1.6583e+02
	550	0.0000e+00	0.0000e+00	0.0000e+00	-3.2470e+02	1.5225e+02	-7.5219e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-2.0556e+02	2.8281e+02	-2.9300e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-1.5611e+02	2.5646e+02	-1.1991e+02
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	-3.5246e+02	-2.8230e+02	-2.6106e+02
	549	0.0000e+00	0.0000e+00	0.0000e+00	-6.0691e+02	-1.8081e+02	-1.2553e+02
	550	0.0000e+00	0.0000e+00	0.0000e+00	-4.0220e+02	1.0817e+02	-5.6358e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-2.8363e+02	7.2574e+01	-1.9188e+02
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	-5.2059e+00	-8.1146e+02	-8.7234e+01
	18	0.0000e+00	0.0000e+00	0.0000e+00	-1.1364e+03	-1.3670e+03	-8.1557e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-7.6758e+02	-1.0490e+02	-1.6562e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	-3.6259e+02	-4.9389e+02	-1.7130e+02
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	1.5709e+02	-2.7353e+02	1.8768e+02
	547	0.0000e+00	0.0000e+00	0.0000e+00	-1.6868e+02	-3.5135e+02	2.3488e+02
	548	0.0000e+00	0.0000e+00	0.0000e+00	-9.9677e+01	-5.3958e+02	1.1174e+02
	537	0.0000e+00	0.0000e+00	0.0000e+00	1.8336e+02	-3.7337e+02	6.4537e+01
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	6.2096e+01	1.8813e+01	1.9851e+02
	546	0.0000e+00	0.0000e+00	0.0000e+00	-1.4081e+02	5.3711e+01	2.3165e+02
	547	0.0000e+00	0.0000e+00	0.0000e+00	-9.9351e+01	-1.3095e+02	2.6503e+02
	536	0.0000e+00	0.0000e+00	0.0000e+00	8.7529e+01	-1.6220e+02	2.3189e+02
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	3.6743e+01	1.9864e+02	1.4463e+02
	545	0.0000e+00	0.0000e+00	0.0000e+00	-7.5732e+01	2.4850e+02	1.3490e+02
	546	0.0000e+00	0.0000e+00	0.0000e+00	-1.1066e+02	1.5171e+02	2.0051e+02
	535	0.0000e+00	0.0000e+00	0.0000e+00	5.2046e+01	7.1546e+01	2.1024e+02
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	4.4792e+01	2.8439e+02	7.5448e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	-2.9831e+01	3.3248e+02	6.1831e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	-5.7730e+01	2.8842e+02	1.2074e+02
	534	0.0000e+00	0.0000e+00	0.0000e+00	4.5208e+01	2.1976e+02	1.3436e+02
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	5.1222e+01	3.0699e+02	4.7376e+00



	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.2938e+01	3.5650e+02	2.6076e-01
	544	0.0000e+00	0.0000e+00	0.0000e+00	-2.1608e+01	3.4671e+02	5.3391e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	5.0856e+01	2.9093e+02	5.7868e+01
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	4.7905e+01	2.7831e+02	-6.7568e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-2.6586e+01	3.3510e+02	-6.0267e+01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.4109e+01	3.5468e+02	-6.8339e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	5.0164e+01	3.0557e+02	-1.4135e+01
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	3.9184e+01	1.9118e+02	-1.4457e+02
	541	0.0000e+00	0.0000e+00	0.0000e+00	-6.8551e+01	2.6149e+02	-1.2871e+02
	542	0.0000e+00	0.0000e+00	0.0000e+00	-3.7187e+01	3.1676e+02	-6.8950e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	3.9842e+01	2.6864e+02	-8.4815e+01
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	4.5864e+01	2.2939e+01	-2.2009e+02
	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.2574e+02	1.0469e+02	-2.1006e+02
	541	0.0000e+00	0.0000e+00	0.0000e+00	-8.8982e+01	2.1581e+02	-1.4359e+02
	530	0.0000e+00	0.0000e+00	0.0000e+00	2.9353e+01	1.6584e+02	-1.5363e+02
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	8.6626e+01	-2.3476e+02	-2.3534e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	-1.1039e+02	-2.0758e+02	-2.7375e+02
	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.5839e+02	-3.1849e+00	-2.4321e+02
	529	0.0000e+00	0.0000e+00	0.0000e+00	5.7081e+01	-3.6542e+01	-2.0479e+02
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	1.8949e+02	-4.6086e+02	-4.1424e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	-9.4430e+01	-6.5384e+02	-9.8531e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	-1.8428e+02	-4.4807e+02	-2.4186e+02
	528	0.0000e+00	0.0000e+00	0.0000e+00	1.6408e+02	-3.5700e+02	-1.8475e+02
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	3.5221e+02	-1.6168e+02	1.2796e+02
	536	0.0000e+00	0.0000e+00	0.0000e+00	1.7671e+02	-2.1451e+02	1.6175e+02
	537	0.0000e+00	0.0000e+00	0.0000e+00	2.2132e+02	-3.0343e+02	8.6868e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	3.7579e+02	-2.0786e+02	5.3081e+01
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	2.7841e+02	-1.0336e+01	1.5446e+02
	535	0.0000e+00	0.0000e+00	0.0000e+00	1.2067e+02	1.2123e+01	2.0986e+02
	536	0.0000e+00	0.0000e+00	0.0000e+00	1.9397e+02	-1.3357e+02	2.0599e+02
	525	0.0000e+00	0.0000e+00	0.0000e+00	3.1692e+02	-1.0345e+02	1.5059e+02
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	2.2008e+02	1.2646e+02	1.2425e+02
	534	0.0000e+00	0.0000e+00	0.0000e+00	9.9338e+01	1.7347e+02	1.5626e+02
	535	0.0000e+00	0.0000e+00	0.0000e+00	1.3047e+02	7.8748e+01	1.9864e+02
	524	0.0000e+00	0.0000e+00	0.0000e+00	2.5356e+02	4.1761e+01	1.6663e+02
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	1.9134e+02	2.0754e+02	6.6591e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	9.6600e+01	2.6100e+02	7.9827e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	1.0457e+02	2.1498e+02	1.3630e+02
	523	0.0000e+00	0.0000e+00	0.0000e+00	2.1008e+02	1.5650e+02	1.2307e+02
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	1.8261e+02	2.3288e+02	-5.9391e-01
	532	0.0000e+00	0.0000e+00	0.0000e+00	9.7053e+01	2.8935e+02	3.0737e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	9.8551e+01	2.7868e+02	6.1431e+01
	522	0.0000e+00	0.0000e+00	0.0000e+00	1.8851e+02	2.1949e+02	5.7764e+01
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	1.8773e+02	2.0732e+02	-6.9763e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	9.6380e+01	2.6679e+02	-7.2637e+01
	532	0.0000e+00	0.0000e+00	0.0000e+00	9.6243e+01	2.8728e+02	-1.4322e+01
	521	0.0000e+00	0.0000e+00	0.0000e+00	1.8206e+02	2.3118e+02	-1.1447e+01
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	2.0886e+02	1.2955e+02	-1.3390e+02
	530	0.0000e+00	0.0000e+00	0.0000e+00	1.0058e+02	1.8751e+02	-1.4722e+02
	531	0.0000e+00	0.0000e+00	0.0000e+00	9.2822e+01	2.4462e+02	-9.1262e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	1.8972e+02	1.9168e+02	-7.7941e+01
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	2.5381e+02	-1.1485e+00	-1.7323e+02
	529	0.0000e+00	0.0000e+00	0.0000e+00	1.2766e+02	3.2175e+01	-2.0730e+02
	530	0.0000e+00	0.0000e+00	0.0000e+00	9.3762e+01	1.4047e+02	-1.6747e+02
	519	0.0000e+00	0.0000e+00	0.0000e+00	2.1894e+02	9.4867e+01	-1.3340e+02
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	3.2095e+02	-1.6060e+02	-1.4589e+02
	528	0.0000e+00	0.0000e+00	0.0000e+00	1.9686e+02	-2.0238e+02	-2.0586e+02
	529	0.0000e+00	0.0000e+00	0.0000e+00	1.1627e+02	-4.0978e+01	-2.1775e+02
	518	0.0000e+00	0.0000e+00	0.0000e+00	2.8052e+02	-5.9174e+01	-1.5779e+02
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	3.7953e+02	-2.6968e+02	-2.8416e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	2.3194e+02	-3.8323e+02	-6.5080e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	1.7828e+02	-2.8974e+02	-1.5590e+02
	517	0.0000e+00	0.0000e+00	0.0000e+00	3.5919e+02	-2.2332e+02	-1.1923e+02

2052	514	0.0000e+00	0.0000e+00	0.0000e+00	4.8064e+02	-9.4061e+01	8.0328e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	3.7215e+02	-1.2586e+02	1.0605e+02
	526	0.0000e+00	0.0000e+00	0.0000e+00	4.0220e+02	-1.6907e+02	6.5799e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	5.0252e+02	-1.2109e+02	4.0074e+01
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	4.2500e+02	-7.7118e+00	1.0031e+02
	524	0.0000e+00	0.0000e+00	0.0000e+00	3.1398e+02	-3.2094e-01	1.4703e+02
	525	0.0000e+00	0.0000e+00	0.0000e+00	3.7356e+02	-8.4280e+01	1.3893e+02
	514	0.0000e+00	0.0000e+00	0.0000e+00	4.5972e+02	-6.0837e+01	9.2206e+01
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	3.6805e+02	8.4344e+01	8.4215e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	2.6642e+02	1.1728e+02	1.2468e+02
	524	0.0000e+00	0.0000e+00	0.0000e+00	3.1345e+02	4.5678e+01	1.4891e+02
	513	0.0000e+00	0.0000e+00	0.0000e+00	4.0270e+02	3.0597e+01	1.0844e+02
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	3.2983e+02	1.4793e+02	4.4903e+01
	522	0.0000e+00	0.0000e+00	0.0000e+00	2.3915e+02	1.9207e+02	6.9140e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	2.6463e+02	1.5091e+02	1.1095e+02
	512	0.0000e+00	0.0000e+00	0.0000e+00	3.5327e+02	1.1219e+02	8.6717e+01
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	3.1508e+02	1.7042e+02	-4.8356e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	2.2991e+02	2.1825e+02	2.9092e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	2.3756e+02	2.0807e+02	5.0834e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	3.2306e+02	1.6093e+02	4.3089e+01
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	3.2319e+02	1.4996e+02	-5.5498e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	2.3732e+02	1.9653e+02	-6.3586e+01
	521	0.0000e+00	0.0000e+00	0.0000e+00	2.2932e+02	2.1624e+02	-1.6072e+01
	510	0.0000e+00	0.0000e+00	0.0000e+00	3.1486e+02	1.6864e+02	-7.9840e+00
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	3.5359e+02	8.8535e+01	-9.6845e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	2.6443e+02	1.2503e+02	-1.2191e+02
	520	0.0000e+00	0.0000e+00	0.0000e+00	2.3772e+02	1.7637e+02	-8.1743e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	3.2972e+02	1.3327e+02	-5.6683e+01
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	4.0349e+02	-4.8095e+00	-1.1302e+02
	518	0.0000e+00	0.0000e+00	0.0000e+00	3.1477e+02	4.6555e+00	-1.5495e+02
	519	0.0000e+00	0.0000e+00	0.0000e+00	2.6496e+02	8.7021e+01	-1.3489e+02
	508	0.0000e+00	0.0000e+00	0.0000e+00	3.6867e+02	5.6724e+01	-9.2958e+01
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	4.6049e+02	-1.0416e+02	-8.6254e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	3.7663e+02	-1.3826e+02	-1.3410e+02
	518	0.0000e+00	0.0000e+00	0.0000e+00	3.1386e+02	-4.5269e+01	-1.5050e+02
	507	0.0000e+00	0.0000e+00	0.0000e+00	4.2669e+02	-4.6870e+01	-1.0266e+02
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	4.9851e+02	-1.6331e+02	-1.8716e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	4.0612e+02	-2.2573e+02	-4.2884e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	3.7386e+02	-1.8138e+02	-9.5885e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	4.8199e+02	-1.3875e+02	-7.1717e+01
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	5.7090e+02	-5.8929e+01	4.0529e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	4.9994e+02	-7.3839e+01	6.3222e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	5.2448e+02	-9.9643e+01	4.4940e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	5.9216e+02	-7.8322e+01	2.2247e+01
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	5.2540e+02	-1.4231e+00	5.0103e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	4.4995e+02	2.2969e+00	8.8226e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	4.9524e+02	-4.8772e+01	8.3927e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	5.5705e+02	-3.6532e+01	4.5805e+01
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	4.7652e+02	6.3216e+01	4.2037e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	4.0101e+02	8.3193e+01	7.9355e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	4.4421e+02	3.3116e+01	9.2730e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	5.0865e+02	2.6588e+01	5.5411e+01
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	4.4042e+02	1.1131e+02	2.0499e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	3.6745e+02	1.4042e+02	4.5783e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	3.9567e+02	1.0817e+02	7.1641e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	4.6323e+02	8.6029e+01	4.6357e+01
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	4.2537e+02	1.2942e+02	-7.8149e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	3.5480e+02	1.6140e+02	7.7147e-01
	511	0.0000e+00	0.0000e+00	0.0000e+00	3.6409e+02	1.5316e+02	3.2176e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	4.3341e+02	1.2291e+02	2.3589e+01
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	4.3355e+02	1.1337e+02	-3.5970e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	3.6451e+02	1.4264e+02	-4.5134e+01
	510	0.0000e+00	0.0000e+00	0.0000e+00	3.5431e+02	1.5962e+02	-1.4290e+01

	499	0.0000e+00	0.0000e+00	0.0000e+00	4.2526e+02	1.2776e+02	-5.1268e+00
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	4.6317e+02	6.5951e+01	-5.6355e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	3.9621e+02	8.5454e+01	-8.2181e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	3.6684e+02	1.2639e+02	-5.8272e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	4.4042e+02	9.8508e+01	-3.2446e+01
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	5.0758e+02	-2.0162e+00	-6.0516e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	4.4471e+02	-6.4785e-01	-9.7927e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	4.0034e+02	5.7321e+01	-8.8576e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	4.7644e+02	4.0156e+01	-5.1165e+01
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	5.5305e+02	-6.9110e+01	-4.2935e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	4.9405e+02	-8.9490e+01	-7.9557e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	4.4893e+02	-3.3473e+01	-9.0574e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	5.2425e+02	-3.2021e+01	-5.3951e+01
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	5.8079e+02	-1.0683e+02	-8.7870e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	5.1862e+02	-1.3825e+02	-2.6828e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	4.9691e+02	-1.1395e+02	-5.4261e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	5.6608e+02	-9.1001e+01	-3.6220e+01
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	6.2490e+02	-4.5603e+01	5.5499e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	5.8645e+02	-4.8999e+01	2.6928e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	6.0865e+02	-6.8150e+01	2.2745e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	6.4585e+02	-6.3255e+01	1.3663e+00
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	5.8469e+02	2.9369e+00	5.7421e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	5.4299e+02	5.1363e+00	3.8626e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	5.7879e+02	-3.0169e+01	3.8095e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	6.1525e+02	-2.6918e+01	5.2111e+00
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	5.4271e+02	5.6215e+01	3.3634e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	4.9828e+02	6.4941e+01	3.6144e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	5.3437e+02	2.8386e+01	4.1753e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	5.7278e+02	2.5997e+01	8.9723e+00
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	5.1139e+02	9.6066e+01	-2.2555e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	4.6572e+02	1.0933e+02	2.0759e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	4.9104e+02	8.4391e+01	3.1912e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	5.3252e+02	7.5547e+01	8.8976e+00
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	4.9817e+02	1.1126e+02	-9.8927e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	4.5277e+02	1.2585e+02	-1.8665e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	4.6149e+02	1.1948e+02	1.2193e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	5.0564e+02	1.0619e+02	4.1669e+00
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	5.0554e+02	9.7860e+01	-1.6784e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	4.6178e+02	1.1024e+02	-2.5190e+01
	499	0.0000e+00	0.0000e+00	0.0000e+00	4.5232e+02	1.2432e+02	-1.1629e+01
	488	0.0000e+00	0.0000e+00	0.0000e+00	4.9803e+02	1.0983e+02	-3.2232e+00
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	5.3172e+02	5.8335e+01	-1.9686e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	4.9087e+02	6.5068e+01	-4.2739e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	4.6505e+02	9.7204e+01	-3.3189e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	5.1101e+02	8.5011e+01	-1.0136e+01
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	5.7005e+02	2.2993e+00	-1.6422e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	5.3270e+02	1.0974e+00	-4.8276e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	4.9694e+02	4.3332e+01	-4.5615e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	5.4152e+02	3.6857e+01	-1.3761e+01
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	6.0820e+02	-5.2443e+01	-7.7897e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	5.7322e+02	-6.0781e+01	-3.7727e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	5.3976e+02	-2.3090e+01	-4.2686e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	5.8123e+02	-2.1601e+01	-1.2748e+01
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	6.3072e+02	-8.3270e+01	2.0898e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	5.9535e+02	-9.4126e+01	-1.3214e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	5.7881e+02	-7.8064e+01	-2.2982e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	6.1638e+02	-6.9562e+01	-7.6784e+00
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	6.2693e+02	-4.8803e+01	-2.6696e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	6.3212e+02	-4.3980e+01	-5.9596e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	6.5271e+02	-6.2312e+01	1.3139e-01
	482	0.0000e+00	0.0000e+00	0.0000e+00	6.4819e+02	-6.9560e+01	-2.0605e+01
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	5.8944e+02	5.8403e+00	-3.4412e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	5.9188e+02	5.4833e+00	-3.8216e+00

	492	0.0000e+00	0.0000e+00	0.0000e+00	6.2198e+02	-2.5830e+01	-2.8856e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	6.2109e+02	-2.8042e+01	-3.3476e+01
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	5.5345e+02	6.0537e+01	-3.0556e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	5.5096e+02	5.8639e+01	-1.4740e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	5.8119e+02	2.6618e+01	-3.8547e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	5.8191e+02	2.9438e+01	-3.2937e+01
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	5.2784e+02	9.9300e+01	-2.1588e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	5.2132e+02	9.7533e+01	-1.6448e+00
	490	0.0000e+00	0.0000e+00	0.0000e+00	5.4276e+02	7.5623e+01	-4.4852e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	5.4665e+02	7.9485e+01	-2.4428e+01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	5.1734e+02	1.1387e+02	-1.1031e+01
	488	0.0000e+00	0.0000e+00	0.0000e+00	5.0933e+02	1.1181e+02	-4.0987e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	5.1684e+02	1.0620e+02	-6.5787e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	5.2382e+02	1.0906e+02	-1.3511e+01
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	5.2365e+02	1.0155e+02	4.0108e-01
	487	0.0000e+00	0.0000e+00	0.0000e+00	5.1684e+02	9.8100e+01	-6.7297e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	5.0893e+02	1.1049e+02	-9.5487e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	5.1717e+02	1.1262e+02	-2.4179e+00
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	5.4572e+02	6.4088e+01	1.2419e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	5.4188e+02	5.8999e+01	-7.3329e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	5.2047e+02	8.6954e+01	-1.1176e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	5.2727e+02	8.9480e+01	8.5758e+00
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	5.7917e+02	8.4387e+00	2.2603e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	5.7817e+02	3.9026e+00	-5.2977e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	5.4908e+02	4.0148e+01	-9.2653e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	5.5196e+02	4.3475e+01	1.8635e+01
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	6.1430e+02	-5.0160e+01	2.5032e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	6.1443e+02	-4.9965e+01	-2.4345e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	5.8752e+02	-1.7809e+01	-3.5269e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	5.8577e+02	-1.5449e+01	2.3940e+01
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	6.3439e+02	-8.5607e+01	1.4123e+01
	483	0.0000e+00	0.0000e+00	0.0000e+00	6.3657e+02	-8.0617e+01	-5.9846e-01
	484	0.0000e+00	0.0000e+00	0.0000e+00	6.2261e+02	-6.6365e+01	3.1809e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	6.1864e+02	-6.8865e+01	1.7903e+01
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	5.4309e+02	-6.5009e+01	-5.7660e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	6.1863e+02	-5.6150e+01	-3.6602e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	6.3816e+02	-7.8958e+01	-2.1363e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	5.6606e+02	-1.0030e+02	-4.2421e+01
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	5.1024e+02	1.4066e+01	-7.0072e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	5.7809e+02	4.6190e+00	-4.0398e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	6.0546e+02	-3.3175e+01	-4.2417e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	5.4276e+02	-3.8620e+01	-7.2092e+01
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	4.8433e+02	7.8131e+01	-5.6822e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	5.4113e+02	6.3091e+01	-3.2558e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	5.6715e+02	2.7310e+01	-4.5253e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	5.0729e+02	3.7429e+01	-6.9517e+01
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	4.6754e+02	1.1928e+02	-3.5173e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	5.1652e+02	1.0267e+02	-1.9713e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	5.3404e+02	7.9401e+01	-3.6193e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	4.8122e+02	9.5450e+01	-5.1653e+01
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	4.6113e+02	1.3382e+02	-1.0643e+01
	477	0.0000e+00	0.0000e+00	0.0000e+00	5.0692e+02	1.1662e+02	-5.4637e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	5.1293e+02	1.1052e+02	-2.2915e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	4.6557e+02	1.2791e+02	-2.8094e+01
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	4.6570e+02	1.2075e+02	1.4623e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	5.1291e+02	1.0324e+02	9.1406e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	5.0657e+02	1.1539e+02	-8.5058e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	4.6099e+02	1.3285e+02	-3.0231e+00
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	4.8117e+02	8.0853e+01	3.8762e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	5.3328e+02	6.4485e+01	2.3253e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	5.1580e+02	9.3062e+01	6.2775e+00
	465	0.0000e+00	0.0000e+00	0.0000e+00	4.6735e+02	1.1034e+02	2.1786e+01
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	5.0660e+02	1.7217e+01	5.7169e+01

	474	0.0000e+00	0.0000e+00	0.0000e+00	5.6470e+02	7.0458e+00	3.3479e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	5.3966e+02	4.6315e+01	2.0303e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	4.8383e+02	6.2255e+01	4.3993e+01
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	5.4028e+02	-6.0654e+01	5.9396e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	5.9951e+02	-5.4317e+01	3.1608e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	5.7487e+02	-1.6507e+01	2.9669e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	5.0883e+02	-6.3285e+00	5.7458e+01
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	5.5927e+02	-1.1587e+02	2.7904e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	6.2471e+02	-9.3911e+01	1.1544e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	6.1142e+02	-7.5917e+01	2.7425e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	5.3954e+02	-8.5432e+01	4.3785e+01
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	3.1203e+02	-1.1301e+02	-8.8806e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	5.0973e+02	-8.4906e+01	-6.8795e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	5.2310e+02	-1.2446e+02	-4.2190e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	3.3905e+02	-1.4908e+02	-6.2201e+01
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	3.0458e+02	1.8750e+00	-9.1455e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	4.7148e+02	1.0685e+01	-7.2880e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	4.8345e+02	-5.1379e+01	-8.7319e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	3.3010e+02	-1.3954e+01	-1.0589e+02
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	3.0197e+02	8.7380e+01	-6.8173e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	4.4496e+02	7.9766e+01	-5.6504e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	4.5797e+02	3.1313e+01	-8.3021e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	3.1251e+02	7.6250e+01	-9.4689e+01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	3.0113e+02	1.4046e+02	-3.9035e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	4.2950e+02	1.2218e+02	-3.2350e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	4.3769e+02	9.3240e+01	-6.2254e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	3.0643e+02	1.3422e+02	-6.8939e+01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	3.0177e+02	1.6322e+02	-7.3196e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	4.2345e+02	1.3609e+02	-5.3229e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	4.2620e+02	1.2828e+02	-3.6137e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	3.0305e+02	1.6222e+02	-3.8134e+01
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	3.0407e+02	1.5672e+02	2.5073e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	4.2638e+02	1.2148e+02	2.2397e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	4.2340e+02	1.3494e+02	-8.5344e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	3.0165e+02	1.6101e+02	-5.8587e+00
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	3.0837e+02	1.2141e+02	5.6292e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	4.3787e+02	7.9194e+01	4.8991e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	4.2960e+02	1.1317e+02	1.8835e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	3.0190e+02	1.3072e+02	2.6136e+01
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	3.1557e+02	5.7204e+01	8.2326e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	4.5785e+02	1.1787e+01	7.0129e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	4.4516e+02	6.3774e+01	4.3618e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	3.0365e+02	7.0897e+01	5.5816e+01
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	3.3478e+02	-3.7183e+01	9.2496e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	4.8240e+02	-7.2706e+01	7.3557e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	4.7164e+02	-1.0276e+01	6.0376e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	3.0731e+02	-1.9676e+01	7.9315e+01
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	3.4629e+02	-1.7298e+02	4.3438e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	5.1830e+02	-1.3960e+02	2.4053e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	5.0931e+02	-1.0668e+02	5.5566e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	3.1615e+02	-1.3575e+02	7.4951e+01
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	-8.2473e+01	2.1625e+02	-5.7426e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	1.6904e+02	-1.2595e+02	-3.2764e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	3.5356e+02	-2.0015e+02	-5.2410e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-2.1722e+02	-5.0342e+02	-7.7072e+01
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	-4.2717e+01	2.6289e+02	-5.8968e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	1.7695e+02	1.2377e+01	-5.3741e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	2.4252e+02	-5.6057e+01	-7.1222e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-9.7738e+01	-2.7192e+02	-7.6449e+01
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	-1.3869e+01	2.7372e+02	-4.5529e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	1.9281e+02	9.4685e+01	-4.3900e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	2.3511e+02	4.9497e+01	-6.6906e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	-5.2887e+01	-8.3940e+01	-6.8535e+01

2115	453	0.0000e+00	0.0000e+00	0.0000e+00	2.6744e+00	2.5641e+02	-2.6279e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	2.0676e+02	1.4354e+02	-2.6049e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	2.2974e+02	1.1793e+02	-5.2202e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	-1.9836e+01	5.6882e+01	-5.2432e+01
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	7.7197e+00	2.1229e+02	-3.9439e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	2.1802e+02	1.6100e+02	-4.7146e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	2.2390e+02	1.5391e+02	-3.2233e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	2.8113e-01	1.5715e+02	-3.1462e+01
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	1.7935e+00	1.3915e+02	1.9181e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	2.2691e+02	1.4824e+02	1.7411e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	2.1631e+02	1.5918e+02	-1.0269e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	8.8224e+00	2.2312e+02	-8.4993e+00
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.5648e+01	3.2912e+01	4.0754e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	2.3398e+02	1.0519e+02	3.8042e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	2.0652e+02	1.3433e+02	1.1435e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	6.3391e+00	2.5934e+02	1.4147e+01
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	-4.5782e+01	-1.1214e+02	5.7806e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	2.4075e+02	3.0738e+01	5.3662e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	1.9427e+02	7.8717e+01	3.0040e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-7.6691e+00	2.6841e+02	3.4185e+01
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	-8.6799e+01	-3.0177e+02	6.6751e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	2.5086e+02	-7.8747e+01	5.8371e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	1.8089e+02	-9.2532e+00	4.0482e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	-3.3743e+01	2.4922e+02	4.8863e+01
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.9493e+02	-5.2989e+02	6.8298e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	3.6667e+02	-2.2262e+02	3.7172e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	1.7814e+02	-1.5103e+02	1.8551e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	-6.9216e+01	1.9315e+02	4.9677e+01
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	-3.6257e+02	-4.9385e+02	1.7130e+02
	440	0.0000e+00	0.0000e+00	0.0000e+00	-7.6753e+02	-1.0491e+02	1.6561e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	-1.1364e+03	-1.3669e+03	8.1588e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	-5.2149e+00	-8.1145e+02	8.7277e+01
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	-2.8361e+02	7.2580e+01	1.9188e+02
	439	0.0000e+00	0.0000e+00	0.0000e+00	-4.0217e+02	1.0817e+02	5.6360e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	-6.0687e+02	-1.8079e+02	1.2553e+02
	430	0.0000e+00	0.0000e+00	0.0000e+00	-3.5244e+02	-2.8228e+02	2.6105e+02
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	-1.5609e+02	2.5647e+02	1.1991e+02
	438	0.0000e+00	0.0000e+00	0.0000e+00	-2.0554e+02	2.8282e+02	2.9303e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	-3.2468e+02	1.5226e+02	7.5221e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	-2.1983e+02	8.7606e+01	1.6583e+02
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	-7.6911e+01	3.4044e+02	6.1858e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	-1.0186e+02	3.6311e+02	1.1225e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	-1.6422e+02	3.0144e+02	4.2512e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	-1.1674e+02	2.6211e+02	9.3145e+01
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	-4.3684e+01	3.6950e+02	1.3039e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	-6.1949e+01	3.9211e+02	-4.5181e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	-8.2866e+01	3.7083e+02	2.0751e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	-5.8203e+01	3.4336e+02	3.8308e+01
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	-5.2520e+01	3.5557e+02	-3.4160e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-7.5966e+01	3.8237e+02	-2.1337e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	-6.0422e+01	3.9350e+02	3.6991e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	-4.2182e+01	3.7068e+02	-9.1241e+00
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	-1.0367e+02	2.8998e+02	-8.7999e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-1.4798e+02	3.2784e+02	-4.2480e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-9.1711e+01	3.7768e+02	-1.2002e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	-6.8064e+01	3.5514e+02	-5.7521e+01
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	-1.9913e+02	1.3680e+02	-1.5860e+02
	433	0.0000e+00	0.0000e+00	0.0000e+00	-2.9669e+02	1.9842e+02	-7.3850e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-1.8541e+02	3.1307e+02	-2.9702e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	-1.3937e+02	2.8719e+02	-1.1445e+02
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	-3.2536e+02	-1.9920e+02	-2.5087e+02
	432	0.0000e+00	0.0000e+00	0.0000e+00	-5.6269e+02	-1.0281e+02	-1.2174e+02
	433	0.0000e+00	0.0000e+00	0.0000e+00	-3.6877e+02	1.6006e+02	-5.5592e+01

	423	0.0000e+00	0.0000e+00	0.0000e+00	-2.5867e+02	1.2536e+02	-1.8472e+02
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	-9.2527e+00	-6.8261e+02	-9.3481e+01
	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.0614e+03	-1.1987e+03	-8.2909e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-7.1307e+02	-2.8279e+01	-1.5898e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	-3.3624e+02	-3.9359e+02	-1.6956e+02
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	1.6409e+02	-3.5699e+02	1.8475e+02
	430	0.0000e+00	0.0000e+00	0.0000e+00	-1.8427e+02	-4.4804e+02	2.4186e+02
	431	0.0000e+00	0.0000e+00	0.0000e+00	-9.4407e+01	-6.5384e+02	9.8549e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	1.8950e+02	-4.6086e+02	4.1435e+01
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	5.7091e+01	-3.6535e+01	2.0478e+02
	429	0.0000e+00	0.0000e+00	0.0000e+00	-1.5837e+02	-3.1755e+00	2.4320e+02
	430	0.0000e+00	0.0000e+00	0.0000e+00	-1.1038e+02	-2.0756e+02	2.7375e+02
	419	0.0000e+00	0.0000e+00	0.0000e+00	8.6639e+01	-2.3475e+02	2.3533e+02
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	2.9361e+01	1.6584e+02	1.5362e+02
	428	0.0000e+00	0.0000e+00	0.0000e+00	-8.8971e+01	2.1581e+02	1.4359e+02
	429	0.0000e+00	0.0000e+00	0.0000e+00	-1.2573e+02	1.0470e+02	2.1005e+02
	418	0.0000e+00	0.0000e+00	0.0000e+00	4.5875e+01	2.2945e+01	2.2008e+02
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	3.9844e+01	2.6864e+02	8.4805e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	-3.7184e+01	3.1676e+02	6.8944e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	-6.8542e+01	2.6149e+02	1.2870e+02
	417	0.0000e+00	0.0000e+00	0.0000e+00	3.9190e+01	1.9118e+02	1.4456e+02
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	5.0158e+01	3.0558e+02	1.4124e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	-1.4115e+01	3.5468e+02	6.8283e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	-2.6586e+01	3.3511e+02	6.0262e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	4.7905e+01	2.7832e+02	6.7557e+01
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	5.0843e+01	2.9093e+02	-5.7879e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	-2.1621e+01	3.4672e+02	-5.3397e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	-1.2945e+01	3.5651e+02	-2.6659e-01
	415	0.0000e+00	0.0000e+00	0.0000e+00	5.1214e+01	3.0699e+02	-4.7485e+00
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	4.5190e+01	2.1976e+02	-1.3437e+02
	424	0.0000e+00	0.0000e+00	0.0000e+00	-5.7750e+01	2.8842e+02	-1.2075e+02
	425	0.0000e+00	0.0000e+00	0.0000e+00	-2.9846e+01	3.3248e+02	-6.1838e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	4.4777e+01	2.8439e+02	-7.5458e+01
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	5.2027e+01	7.1547e+01	-2.1025e+02
	423	0.0000e+00	0.0000e+00	0.0000e+00	-1.1068e+02	1.5171e+02	-2.0052e+02
	424	0.0000e+00	0.0000e+00	0.0000e+00	-7.5753e+01	2.4850e+02	-1.3491e+02
	413	0.0000e+00	0.0000e+00	0.0000e+00	3.6725e+01	1.9864e+02	-1.4464e+02
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	8.7513e+01	-1.6220e+02	-2.3189e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	-9.9364e+01	-1.3096e+02	-2.6503e+02
	423	0.0000e+00	0.0000e+00	0.0000e+00	-1.4083e+02	5.3707e+01	-2.3166e+02
	412	0.0000e+00	0.0000e+00	0.0000e+00	6.2080e+01	1.8812e+01	-1.9851e+02
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	1.8335e+02	-3.7336e+02	-6.4521e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	-9.9696e+01	-5.3957e+02	-1.1172e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	-1.6870e+02	-3.5138e+02	-2.3487e+02
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.5708e+02	-2.7353e+02	-1.8767e+02
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	3.5920e+02	-2.2332e+02	1.1923e+02
	419	0.0000e+00	0.0000e+00	0.0000e+00	1.7829e+02	-2.8974e+02	1.5590e+02
	420	0.0000e+00	0.0000e+00	0.0000e+00	2.3196e+02	-3.8324e+02	6.5087e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	3.7955e+02	-2.6968e+02	2.8418e+01
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	2.8053e+02	-5.9174e+01	1.5778e+02
	418	0.0000e+00	0.0000e+00	0.0000e+00	1.1628e+02	-4.0974e+01	2.1775e+02
	419	0.0000e+00	0.0000e+00	0.0000e+00	1.9688e+02	-2.0237e+02	2.0585e+02
	408	0.0000e+00	0.0000e+00	0.0000e+00	3.2096e+02	-1.6060e+02	1.4589e+02
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	2.1895e+02	9.4867e+01	1.3339e+02
	417	0.0000e+00	0.0000e+00	0.0000e+00	9.3769e+01	1.4047e+02	1.6746e+02
	418	0.0000e+00	0.0000e+00	0.0000e+00	1.2767e+02	3.2180e+01	2.0729e+02
	407	0.0000e+00	0.0000e+00	0.0000e+00	2.5382e+02	-1.1482e+00	1.7322e+02
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	1.8973e+02	1.9168e+02	7.7923e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	9.2823e+01	2.4462e+02	9.1248e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.0058e+02	1.8751e+02	1.4721e+02
	406	0.0000e+00	0.0000e+00	0.0000e+00	2.0886e+02	1.2955e+02	1.3389e+02
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	1.8206e+02	2.3118e+02	1.1429e+01
	415	0.0000e+00	0.0000e+00	0.0000e+00	9.6237e+01	2.8728e+02	1.4309e+01

	416	0.0000e+00	0.0000e+00	0.0000e+00	9.6379e+01	2.6679e+02	7.2624e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	1.8773e+02	2.0732e+02	6.9745e+01
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	1.8850e+02	2.1949e+02	-5.7781e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	9.8538e+01	2.7868e+02	-6.1444e+01
	415	0.0000e+00	0.0000e+00	0.0000e+00	9.7044e+01	2.8935e+02	-3.0869e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	1.8260e+02	2.3288e+02	5.7619e-01
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	2.1007e+02	1.5651e+02	-1.2308e+02
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.0455e+02	2.1498e+02	-1.3631e+02
	414	0.0000e+00	0.0000e+00	0.0000e+00	9.6586e+01	2.6100e+02	-7.9839e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.9133e+02	2.0755e+02	-6.6607e+01
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	2.5354e+02	4.1769e+01	-1.6664e+02
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.3045e+02	7.8750e+01	-1.9865e+02
	413	0.0000e+00	0.0000e+00	0.0000e+00	9.9319e+01	1.7348e+02	-1.5627e+02
	402	0.0000e+00	0.0000e+00	0.0000e+00	2.2006e+02	1.2647e+02	-1.2426e+02
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	3.1690e+02	-1.0344e+02	-1.5059e+02
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.9395e+02	-1.3357e+02	-2.0598e+02
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.2065e+02	1.2125e+01	-2.0986e+02
	401	0.0000e+00	0.0000e+00	0.0000e+00	2.7839e+02	-1.0328e+01	-1.5446e+02
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	3.7577e+02	-2.0784e+02	-5.3067e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	2.2130e+02	-3.0342e+02	-8.6853e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.7669e+02	-2.1451e+02	-1.6174e+02
	400	0.0000e+00	0.0000e+00	0.0000e+00	3.5219e+02	-1.6167e+02	-1.2796e+02
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	4.8202e+02	-1.3876e+02	7.1708e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	3.7388e+02	-1.8138e+02	9.5881e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	4.0615e+02	-2.2574e+02	4.2884e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	4.9854e+02	-1.6332e+02	1.8711e+01
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	4.2671e+02	-4.6877e+01	1.0264e+02
	407	0.0000e+00	0.0000e+00	0.0000e+00	3.1388e+02	-4.5272e+01	1.5049e+02
	408	0.0000e+00	0.0000e+00	0.0000e+00	3.7665e+02	-1.3826e+02	1.3409e+02
	397	0.0000e+00	0.0000e+00	0.0000e+00	4.6051e+02	-1.0416e+02	8.6243e+01
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	3.6868e+02	5.6720e+01	9.2936e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	2.6497e+02	8.7019e+01	1.3487e+02
	407	0.0000e+00	0.0000e+00	0.0000e+00	3.1478e+02	4.6546e+00	1.5494e+02
	396	0.0000e+00	0.0000e+00	0.0000e+00	4.0350e+02	-4.8150e+00	1.1300e+02
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	3.2972e+02	1.3326e+02	5.6658e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	2.3772e+02	1.7637e+02	8.1724e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	2.6444e+02	1.2503e+02	1.2189e+02
	395	0.0000e+00	0.0000e+00	0.0000e+00	3.5359e+02	8.8532e+01	9.6822e+01
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	3.1486e+02	1.6865e+02	7.9586e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	2.2932e+02	2.1624e+02	1.6052e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	2.3732e+02	1.9653e+02	6.3566e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	3.2319e+02	1.4996e+02	5.5473e+01
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	3.2305e+02	1.6094e+02	-4.3112e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	2.3755e+02	2.0808e+02	-5.0852e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	2.2990e+02	2.1826e+02	-2.9291e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	3.1507e+02	1.7042e+02	4.8108e+00
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	3.5325e+02	1.1220e+02	-8.6734e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	2.6461e+02	1.5092e+02	-1.1097e+02
	403	0.0000e+00	0.0000e+00	0.0000e+00	2.3914e+02	1.9208e+02	-6.9158e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	3.2982e+02	1.4794e+02	-4.4925e+01
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	4.0268e+02	3.0615e+01	-1.0845e+02
	401	0.0000e+00	0.0000e+00	0.0000e+00	3.1342e+02	4.5688e+01	-1.4892e+02
	402	0.0000e+00	0.0000e+00	0.0000e+00	2.6640e+02	1.1729e+02	-1.2469e+02
	391	0.0000e+00	0.0000e+00	0.0000e+00	3.6803e+02	8.4357e+01	-8.4230e+01
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	4.5970e+02	-6.0813e+01	-9.2202e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	3.7353e+02	-8.4266e+01	-1.3892e+02
	401	0.0000e+00	0.0000e+00	0.0000e+00	3.1395e+02	-3.0941e-01	-1.4703e+02
	390	0.0000e+00	0.0000e+00	0.0000e+00	4.2498e+02	-7.6924e+00	-1.0031e+02
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	5.0249e+02	-1.2106e+02	-4.0058e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	4.0218e+02	-1.6905e+02	-6.5784e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	3.7213e+02	-1.2584e+02	-1.0605e+02
	389	0.0000e+00	0.0000e+00	0.0000e+00	4.8062e+02	-9.4035e+01	-8.0320e+01
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	5.6611e+02	-9.1020e+01	3.6204e+01



	397	0.0000e+00	0.0000e+00	0.0000e+00	4.9694e+02	-1.1396e+02	5.4249e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	5.1865e+02	-1.3827e+02	2.6823e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	5.8082e+02	-1.0685e+02	8.7777e+00
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	5.2427e+02	-3.2035e+01	5.3927e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	4.4895e+02	-3.3482e+01	9.0555e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	4.9407e+02	-8.9500e+01	7.9544e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	5.5308e+02	-6.9127e+01	4.2916e+01
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	4.7645e+02	4.0148e+01	5.1134e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	4.0035e+02	5.7315e+01	8.8552e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	4.4473e+02	-6.5456e-01	9.7907e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	5.0760e+02	-2.0279e+00	6.0490e+01
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	4.4042e+02	9.8505e+01	3.2412e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	3.6684e+02	1.2639e+02	5.8245e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	3.9622e+02	8.5450e+01	8.2156e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	4.6318e+02	6.5945e+01	5.6324e+01
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	4.2526e+02	1.2777e+02	5.0933e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	3.5430e+02	1.5962e+02	1.4263e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	3.6451e+02	1.4264e+02	4.5106e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	4.3355e+02	1.1337e+02	3.5937e+01
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	4.3339e+02	1.2292e+02	-2.3620e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	3.6408e+02	1.5317e+02	-3.2200e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	3.5479e+02	1.6141e+02	-7.9849e-01
	382	0.0000e+00	0.0000e+00	0.0000e+00	4.2537e+02	1.2942e+02	7.7821e+00
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	4.6321e+02	8.6049e+01	-4.6381e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	3.9565e+02	1.0819e+02	-7.1660e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	3.6743e+02	1.4043e+02	-4.5806e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	4.4041e+02	1.1133e+02	-2.0527e+01
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	5.0862e+02	2.6618e+01	-5.5423e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	4.4418e+02	3.3137e+01	-9.2738e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	4.0099e+02	8.3210e+01	-7.9372e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	4.7650e+02	6.3239e+01	-4.2057e+01
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	5.5702e+02	-3.6494e+01	-4.5801e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	4.9522e+02	-4.8744e+01	-8.3922e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	4.4993e+02	2.3201e+00	-8.8231e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	5.2537e+02	-1.3902e+00	-5.0110e+01
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	5.9213e+02	-7.8279e+01	-2.2226e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	5.2445e+02	-9.9611e+01	-4.4920e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	4.9991e+02	-7.3810e+01	-6.3213e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	5.7087e+02	-5.8888e+01	-4.0519e+01
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	6.1641e+02	-6.9591e+01	7.6561e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	5.7884e+02	-7.8086e+01	2.2964e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	5.9538e+02	-9.4150e+01	1.3204e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	6.3076e+02	-8.3302e+01	-2.1040e+00
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	5.8126e+02	-2.1623e+01	1.2715e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	5.3978e+02	-2.3106e+01	4.2659e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	5.7325e+02	-6.0800e+01	3.7707e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	6.0823e+02	-5.2470e+01	7.7634e+00
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	5.4154e+02	3.6843e+01	1.3722e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	4.9695e+02	4.3322e+01	4.5582e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	5.3272e+02	1.0841e+00	4.8247e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	5.7007e+02	2.2808e+00	1.6387e+01
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	5.1101e+02	8.5007e+01	1.0093e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	4.6505e+02	9.7201e+01	3.3153e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	4.9088e+02	6.5062e+01	4.2705e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	5.3173e+02	5.8325e+01	1.9645e+01
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	4.9803e+02	1.0983e+02	3.1808e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	4.5232e+02	1.2433e+02	1.1593e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	4.6178e+02	1.1024e+02	2.5154e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	5.0554e+02	9.7859e+01	1.6741e+01
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	5.0563e+02	1.0621e+02	-4.2055e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	4.6148e+02	1.1949e+02	-1.2225e+01
	382	0.0000e+00	0.0000e+00	0.0000e+00	4.5276e+02	1.2585e+02	1.8315e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	4.9816e+02	1.1127e+02	9.8512e+00

2178	369	0.0000e+00	0.0000e+00	0.0000e+00	5.3250e+02	7.5577e+01	-8.9282e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	4.9102e+02	8.4413e+01	-3.1936e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	4.6570e+02	1.0934e+02	-2.0789e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	5.1138e+02	9.6087e+01	2.2190e+00
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	5.7275e+02	2.6042e+01	-8.9896e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	5.3434e+02	2.8420e+01	-4.1765e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	4.9825e+02	6.4968e+01	-3.6166e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	5.4269e+02	5.6250e+01	-3.3902e+00
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	6.1522e+02	-2.6859e+01	-5.2086e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	5.7876e+02	-3.0126e+01	-3.8090e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	5.4295e+02	5.1742e+00	-3.8635e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	5.8466e+02	2.9866e+00	-5.7532e+00
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	6.4582e+02	-6.3189e+01	-1.3387e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	6.0862e+02	-6.8101e+01	-2.2719e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	5.8642e+02	-4.8952e+01	-2.6919e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	6.2487e+02	-4.5541e+01	-5.5384e+00
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	6.1867e+02	-6.8908e+01	-1.7932e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	6.2264e+02	-6.6398e+01	-3.2059e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	6.3661e+02	-8.0653e+01	5.8411e-01
	365	0.0000e+00	0.0000e+00	0.0000e+00	6.3442e+02	-8.5654e+01	-1.4142e+01
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	5.8579e+02	-1.5480e+01	-2.3982e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	5.8755e+02	-1.7834e+01	3.4914e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	6.1446e+02	-4.9995e+01	2.4065e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	6.1433e+02	-5.0198e+01	-2.5067e+01
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	5.5197e+02	4.3457e+01	-1.8684e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	5.4909e+02	4.0133e+01	9.2233e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	5.7819e+02	3.8821e+00	5.2599e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	5.7920e+02	8.4132e+00	-2.2648e+01
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	5.2728e+02	8.9475e+01	-8.6273e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	5.2047e+02	8.6949e+01	1.1131e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	5.4189e+02	5.8989e+01	7.2896e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	5.4573e+02	6.4075e+01	-1.2469e+01
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	5.1716e+02	1.1263e+02	2.3672e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	5.0893e+02	1.1049e+02	9.5043e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	5.1684e+02	9.8100e+01	6.6846e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	5.2366e+02	1.0155e+02	-4.5242e-01
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	5.2381e+02	1.0908e+02	1.3464e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	5.1683e+02	1.0622e+02	6.5382e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	5.0932e+02	1.1182e+02	4.0552e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	5.1734e+02	1.1388e+02	1.0981e+01
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	5.4663e+02	7.9525e+01	2.4390e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	5.4274e+02	7.5656e+01	4.4530e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	5.2130e+02	9.7557e+01	1.6066e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	5.2783e+02	9.9329e+01	2.1544e+01
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	5.8189e+02	2.9500e+01	3.2913e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	5.8116e+02	2.6668e+01	3.8366e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	5.5093e+02	5.8678e+01	1.4455e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	5.5343e+02	6.0585e+01	3.0522e+01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	6.2106e+02	-2.7958e+01	3.3475e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	6.2195e+02	-2.5765e+01	2.8893e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	5.9185e+02	5.5393e+00	3.8088e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	5.8942e+02	5.9098e+00	3.4395e+01
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	6.4816e+02	-6.9462e+01	2.0637e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	6.5268e+02	-6.2238e+01	-9.9509e-02
	367	0.0000e+00	0.0000e+00	0.0000e+00	6.3208e+02	-4.3910e+01	5.9696e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	6.2690e+02	-4.8713e+01	2.6707e+01
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	5.3956e+02	-8.5491e+01	-4.3823e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	6.1145e+02	-7.5965e+01	-2.7458e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	6.2475e+02	-9.3964e+01	-1.1562e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	5.5929e+02	-1.1594e+02	-2.7927e+01
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	5.0884e+02	-6.3670e+00	-5.7509e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	5.7489e+02	-1.6540e+01	-2.9713e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	5.9954e+02	-5.4360e+01	-3.1644e+01

	353	0.0000e+00	0.0000e+00	0.0000e+00	5.4030e+02	-6.0706e+01	-5.9440e+01
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	4.8384e+02	6.2234e+01	-4.4049e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	5.3967e+02	4.6296e+01	-2.0353e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	5.6472e+02	7.0175e+00	-3.3526e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	5.0661e+02	1.7185e+01	-5.7221e+01
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	4.6736e+02	1.1033e+02	-2.1843e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	5.1580e+02	9.3056e+01	-6.3302e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	5.3329e+02	6.4471e+01	-2.3305e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	4.8118e+02	8.0838e+01	-3.8818e+01
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	4.6099e+02	1.3286e+02	2.9673e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	5.0657e+02	1.1540e+02	8.4540e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	5.1292e+02	1.0324e+02	-9.1934e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	4.6571e+02	1.2075e+02	-1.4680e+01
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	4.6557e+02	1.2794e+02	2.8043e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	5.1292e+02	1.1054e+02	2.2867e+01
	360	0.0000e+00	0.0000e+00	0.0000e+00	5.0691e+02	1.1663e+02	5.4131e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	4.6113e+02	1.3383e+02	1.0589e+01
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	4.8122e+02	9.5501e+01	5.1609e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	5.3402e+02	7.9446e+01	3.6154e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	5.1651e+02	1.0270e+02	1.9668e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	4.6754e+02	1.1932e+02	3.5124e+01
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	5.0728e+02	3.7509e+01	6.9487e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	5.6713e+02	2.7378e+01	4.5228e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	5.4112e+02	6.3142e+01	3.2523e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	4.8433e+02	7.8189e+01	5.6783e+01
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	5.4275e+02	-3.8506e+01	7.2084e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	6.0543e+02	-3.3082e+01	4.2416e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	5.7807e+02	4.6960e+00	4.0380e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	5.1024e+02	1.4155e+01	7.0048e+01
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	5.6605e+02	-1.0016e+02	4.2455e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	6.3812e+02	-7.8850e+01	2.1400e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	6.1860e+02	-5.6048e+01	3.6611e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	5.4308e+02	-6.4883e+01	5.7666e+01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	3.1614e+02	-1.3583e+02	-7.4996e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	5.0933e+02	-1.0674e+02	-5.5606e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	5.1832e+02	-1.3968e+02	-2.4076e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	3.4628e+02	-1.7308e+02	-4.3467e+01
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	3.0730e+02	-1.9727e+01	-7.9367e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	4.7166e+02	-1.0316e+01	-6.0426e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	4.8241e+02	-7.2764e+01	-7.3604e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	3.3477e+02	-3.7238e+01	-9.2545e+01
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	3.0365e+02	7.0867e+01	-5.5871e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	4.4517e+02	6.3753e+01	-4.3674e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	4.5786e+02	1.1751e+01	-7.0183e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	3.1557e+02	5.7173e+01	-8.2380e+01
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	3.0191e+02	1.3071e+02	-2.6193e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	4.2961e+02	1.1317e+02	-1.8893e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	4.3787e+02	7.9177e+01	-4.9048e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	3.0837e+02	1.2140e+02	-5.6348e+01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	3.0166e+02	1.6101e+02	5.8038e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	4.2341e+02	1.3496e+02	8.4784e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	4.2639e+02	1.2148e+02	-2.2454e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	3.0408e+02	1.5673e+02	-2.5129e+01
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	3.0307e+02	1.6224e+02	3.8084e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	4.2621e+02	1.2831e+02	3.6086e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	4.2346e+02	1.3611e+02	5.2683e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	3.0179e+02	1.6325e+02	7.2666e+00
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	3.0645e+02	1.3427e+02	6.8897e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	4.3769e+02	9.3296e+01	6.2210e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	4.2950e+02	1.2221e+02	3.2301e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	3.0115e+02	1.4051e+02	3.8988e+01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	3.1254e+02	7.6335e+01	9.4659e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	4.5797e+02	3.1400e+01	8.2989e+01

	347	0.0000e+00	0.0000e+00	0.0000e+00	4.4496e+02	7.9828e+01	5.6465e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	3.0200e+02	8.7458e+01	6.8135e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	3.3013e+02	-1.3828e+01	1.0588e+02
	345	0.0000e+00	0.0000e+00	0.0000e+00	4.8345e+02	-5.1253e+01	8.7307e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	4.7148e+02	1.0780e+01	7.2857e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	3.0461e+02	1.9925e+00	9.1430e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	3.3909e+02	-1.4888e+02	6.2230e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	5.2308e+02	-1.2430e+02	4.2227e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	5.0972e+02	-8.4765e+01	6.8798e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	3.1207e+02	-1.1284e+02	8.8801e+01
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	-6.9265e+01	1.9314e+02	-4.9698e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	1.7810e+02	-1.5111e+02	-1.8579e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	3.6668e+02	-2.2273e+02	-3.7204e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-1.9504e+02	-5.3006e+02	-6.8322e+01
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	-3.3771e+01	2.4923e+02	-4.8898e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	1.8087e+02	-9.3003e+00	-4.0523e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	2.5085e+02	-7.8814e+01	-5.8407e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	-8.6848e+01	-3.0190e+02	-6.6781e+01
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	-7.6795e+00	2.6843e+02	-3.4225e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	1.9426e+02	7.8692e+01	-3.0086e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	2.4075e+02	3.0699e+01	-5.3705e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	-4.5811e+01	-1.1223e+02	-5.7844e+01
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	6.3465e+00	2.5938e+02	-1.4189e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	2.0652e+02	1.3433e+02	-1.1482e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	2.3398e+02	1.0517e+02	-3.8089e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	-1.5658e+01	3.2848e+01	-4.0795e+01
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	8.8481e+00	2.2318e+02	8.4603e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	2.1632e+02	1.5919e+02	1.0224e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	2.2693e+02	1.4824e+02	-1.7458e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	1.8014e+00	1.3911e+02	-1.9222e+01
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	3.2629e-01	1.5724e+02	3.1429e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	2.2392e+02	1.5395e+02	3.2195e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	2.1804e+02	1.6102e+02	4.6719e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	7.7458e+00	2.1227e+02	3.9068e+00
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.9769e+01	5.7017e+01	5.2410e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	2.2976e+02	1.1799e+02	5.2175e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	2.0680e+02	1.4358e+02	2.6014e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	2.7195e+00	2.5640e+02	2.6250e+01
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-5.2796e+01	-8.3752e+01	6.8527e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	2.3515e+02	4.9597e+01	6.6893e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	1.9286e+02	9.4761e+01	4.3877e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.3804e+01	2.7372e+02	4.5511e+01
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-9.7619e+01	-2.7167e+02	7.6460e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	2.4257e+02	-5.5910e+01	7.1226e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	1.7702e+02	1.2491e+01	5.3734e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-4.2628e+01	2.6292e+02	5.8968e+01
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1701e+02	-5.0307e+02	7.7094e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	3.5355e+02	-1.9993e+02	5.2432e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	1.6913e+02	-1.2578e+02	3.2788e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	-8.2357e+01	2.1630e+02	5.7449e+01
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	-3.4208e+02	-4.0086e+02	1.7105e+02
	323	0.0000e+00	0.0000e+00	0.0000e+00	-7.2309e+02	-3.1895e+01	1.6123e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	-1.0738e+03	-1.2141e+03	8.4173e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	-1.1203e+01	-6.9245e+02	9.3992e+01
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	-2.6489e+02	1.2291e+02	1.8645e+02
	322	0.0000e+00	0.0000e+00	0.0000e+00	-3.7640e+02	1.5798e+02	5.6773e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	-5.7153e+02	-1.0709e+02	1.2358e+02
	313	0.0000e+00	0.0000e+00	0.0000e+00	-3.3150e+02	-2.0442e+02	2.5326e+02
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	-1.4561e+02	2.8526e+02	1.1541e+02
	321	0.0000e+00	0.0000e+00	0.0000e+00	-1.9250e+02	3.1148e+02	3.0668e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	-3.0399e+02	1.9662e+02	7.5303e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	-2.0517e+02	1.3438e+02	1.6005e+02
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	-7.5111e+01	3.5200e+02	5.7713e+01

	320	0.0000e+00	0.0000e+00	0.0000e+00	-9.9512e+01	3.7494e+02	1.2787e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	-1.5521e+02	3.2613e+02	4.3687e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	-1.1009e+02	2.8783e+02	8.8612e+01
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	-5.0874e+01	3.6493e+02	8.4754e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	-7.0046e+01	3.8828e+02	-3.1540e+00
	320	0.0000e+00	0.0000e+00	0.0000e+00	-8.4290e+01	3.7922e+02	2.2348e+01
	310	0.0000e+00	0.0000e+00	0.0000e+00	-6.0103e+01	3.5203e+02	3.3977e+01
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	-6.9417e+01	3.3360e+02	-3.9970e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-9.5505e+01	3.6184e+02	-2.0567e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	-7.2483e+01	3.8625e+02	5.3033e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	-5.3275e+01	3.6322e+02	-1.4100e+01
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	-1.3138e+02	2.4660e+02	-9.6141e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-1.8141e+02	2.8715e+02	-4.2879e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-1.1586e+02	3.5323e+02	-1.0729e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	-8.9427e+01	3.3007e+02	-6.3991e+01
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	-2.3866e+02	6.3425e+01	-1.7069e+02
	316	0.0000e+00	0.0000e+00	0.0000e+00	-3.4872e+02	1.3021e+02	-7.6496e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-2.2474e+02	2.6732e+02	-2.9208e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	-1.7252e+02	2.4039e+02	-1.2340e+02
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	-3.7511e+02	-3.2200e+02	-2.6825e+02
	315	0.0000e+00	0.0000e+00	0.0000e+00	-6.4191e+02	-2.1714e+02	-1.2811e+02
	316	0.0000e+00	0.0000e+00	0.0000e+00	-4.2941e+02	8.4152e+01	-5.6852e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	-3.0475e+02	4.7795e+01	-1.9699e+02
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	3.3593e+00	-8.6389e+02	-7.7551e+01
	13	0.0000e+00	0.0000e+00	0.0000e+00	-1.1939e+03	-1.4629e+03	-7.8277e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-8.0936e+02	-1.3175e+02	-1.7163e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	-3.8261e+02	-5.4577e+02	-1.7090e+02
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	1.5593e+02	-2.7940e+02	1.8847e+02
	313	0.0000e+00	0.0000e+00	0.0000e+00	-1.7297e+02	-3.5808e+02	2.3671e+02
	314	0.0000e+00	0.0000e+00	0.0000e+00	-1.0262e+02	-5.4798e+02	1.1219e+02
	304	0.0000e+00	0.0000e+00	0.0000e+00	1.8295e+02	-3.7988e+02	6.3946e+01
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	5.9107e+01	1.5192e+01	1.9937e+02
	312	0.0000e+00	0.0000e+00	0.0000e+00	-1.4584e+02	5.0564e+01	2.3349e+02
	313	0.0000e+00	0.0000e+00	0.0000e+00	-1.0320e+02	-1.3550e+02	2.6722e+02
	303	0.0000e+00	0.0000e+00	0.0000e+00	8.5340e+01	-1.6698e+02	2.3310e+02
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	3.2453e+01	1.9555e+02	1.4467e+02
	311	0.0000e+00	0.0000e+00	0.0000e+00	-8.1260e+01	2.4619e+02	1.3557e+02
	312	0.0000e+00	0.0000e+00	0.0000e+00	-1.1572e+02	1.4938e+02	2.0203e+02
	302	0.0000e+00	0.0000e+00	0.0000e+00	4.8552e+01	6.8315e+01	2.1113e+02
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	3.9359e+01	2.8011e+02	7.4310e+01
	310	0.0000e+00	0.0000e+00	0.0000e+00	-3.6308e+01	3.2911e+02	6.1404e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	-6.3517e+01	2.8615e+02	1.2124e+02
	301	0.0000e+00	0.0000e+00	0.0000e+00	4.0520e+01	2.1657e+02	1.3414e+02
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	4.4467e+01	3.0003e+02	2.2408e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	-2.0971e+01	3.5064e+02	-1.3090e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	-2.8574e+01	3.4291e+02	5.2821e+01
	300	0.0000e+00	0.0000e+00	0.0000e+00	4.4906e+01	2.8624e+02	5.6371e+01
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	3.9719e+01	2.6724e+02	-7.1535e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	-3.6781e+01	3.2538e+02	-6.3138e+01
	309	0.0000e+00	0.0000e+00	0.0000e+00	-2.2867e+01	3.4794e+02	-8.5744e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	4.2753e+01	2.9795e+02	-1.6972e+01
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	2.9934e+01	1.7443e+02	-1.4995e+02
	307	0.0000e+00	0.0000e+00	0.0000e+00	-8.1279e+01	2.4637e+02	-1.3311e+02
	308	0.0000e+00	0.0000e+00	0.0000e+00	-4.8323e+01	3.0562e+02	-7.2089e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	3.0974e+01	2.5663e+02	-8.8932e+01
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	3.7319e+01	-1.2904e+00	-2.2604e+02
	306	0.0000e+00	0.0000e+00	0.0000e+00	-1.4048e+02	8.1874e+01	-2.1605e+02
	307	0.0000e+00	0.0000e+00	0.0000e+00	-1.0280e+02	1.9832e+02	-1.4853e+02
	297	0.0000e+00	0.0000e+00	0.0000e+00	1.9795e+01	1.4766e+02	-1.5851e+02
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	8.0874e+01	-2.6701e+02	-2.3732e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	-1.2064e+02	-2.4265e+02	-2.7922e+02
	306	0.0000e+00	0.0000e+00	0.0000e+00	-1.7433e+02	-3.1015e+01	-2.5066e+02
	296	0.0000e+00	0.0000e+00	0.0000e+00	4.9983e+01	-6.3248e+01	-2.0876e+02

2241	195	0.0000e+00	0.0000e+00	0.0000e+00	1.9908e+02	-4.9464e+02	-2.8748e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	-1.0864e+02	-6.9915e+02	-9.0147e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	-1.9716e+02	-4.9295e+02	-2.4319e+02
	295	0.0000e+00	0.0000e+00	0.0000e+00	1.6368e+02	-3.9416e+02	-1.8179e+02
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	3.5229e+02	-1.6641e+02	1.2749e+02
	303	0.0000e+00	0.0000e+00	0.0000e+00	1.7553e+02	-2.1975e+02	1.6202e+02
	304	0.0000e+00	0.0000e+00	0.0000e+00	2.2107e+02	-3.0927e+02	8.6297e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	3.7643e+02	-2.1255e+02	5.1774e+01
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	2.7707e+02	-1.4478e+01	1.5405e+02
	302	0.0000e+00	0.0000e+00	0.0000e+00	1.1814e+02	8.4083e+00	2.1049e+02
	303	0.0000e+00	0.0000e+00	0.0000e+00	1.9277e+02	-1.3814e+02	2.0669e+02
	293	0.0000e+00	0.0000e+00	0.0000e+00	3.1636e+02	-1.0771e+02	1.5024e+02
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	2.1730e+02	1.2219e+02	1.2308e+02
	301	0.0000e+00	0.0000e+00	0.0000e+00	9.5660e+01	1.7005e+02	1.5599e+02
	302	0.0000e+00	0.0000e+00	0.0000e+00	1.2777e+02	7.5442e+01	1.9908e+02
	292	0.0000e+00	0.0000e+00	0.0000e+00	2.5161e+02	3.7896e+01	1.6617e+02
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	1.8729e+02	2.0190e+02	6.4218e+01
	300	0.0000e+00	0.0000e+00	0.0000e+00	9.1795e+01	2.5638e+02	7.8224e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.0057e+02	2.1153e+02	1.3569e+02
	291	0.0000e+00	0.0000e+00	0.0000e+00	2.0678e+02	1.5213e+02	1.2168e+02
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	1.7746e+02	2.2458e+02	-4.3208e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	9.1050e+01	2.8215e+02	1.9169e-02
	300	0.0000e+00	0.0000e+00	0.0000e+00	9.3292e+01	2.7357e+02	5.9437e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	1.8398e+02	2.1338e+02	5.5097e+01
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	1.8182e+02	1.9524e+02	-7.4654e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	8.9270e+01	2.5567e+02	-7.7087e+01
	299	0.0000e+00	0.0000e+00	0.0000e+00	8.9673e+01	2.7912e+02	-1.7813e+01
	289	0.0000e+00	0.0000e+00	0.0000e+00	1.7650e+02	2.2209e+02	-1.5379e+01
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	2.0293e+02	1.1288e+02	-1.3914e+02
	297	0.0000e+00	0.0000e+00	0.0000e+00	9.3016e+01	1.7111e+02	-1.5262e+02
	298	0.0000e+00	0.0000e+00	0.0000e+00	8.5077e+01	2.3202e+02	-9.6200e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	1.8367e+02	1.7845e+02	-8.2721e+01
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	2.4928e+02	-2.2233e+01	-1.7652e+02
	296	0.0000e+00	0.0000e+00	0.0000e+00	1.2139e+02	9.0257e+00	-2.1197e+02
	297	0.0000e+00	0.0000e+00	0.0000e+00	8.5553e+01	1.2201e+02	-1.7329e+02
	287	0.0000e+00	0.0000e+00	0.0000e+00	2.1356e+02	7.6613e+01	-1.3784e+02
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	3.1873e+02	-1.8318e+02	-1.4239e+02
	295	0.0000e+00	0.0000e+00	0.0000e+00	1.9534e+02	-2.3213e+02	-2.0525e+02
	296	0.0000e+00	0.0000e+00	0.0000e+00	1.0944e+02	-6.6492e+01	-2.2211e+02
	286	0.0000e+00	0.0000e+00	0.0000e+00	2.7775e+02	-8.2033e+01	-1.5925e+02
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	3.8514e+02	-2.8396e+02	-1.0439e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	2.2970e+02	-4.1275e+02	-4.9385e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	1.7592e+02	-3.2031e+02	-1.5105e+02
	285	0.0000e+00	0.0000e+00	0.0000e+00	3.6031e+02	-2.4762e+02	-1.1210e+02
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	4.8092e+02	-9.8258e+01	7.8874e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	3.7211e+02	-1.3026e+02	1.0513e+02
	294	0.0000e+00	0.0000e+00	0.0000e+00	4.0280e+02	-1.7344e+02	6.4487e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	5.0323e+02	-1.2490e+02	3.8228e+01
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	4.2413e+02	-1.2233e+01	9.8661e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	3.1275e+02	-4.4853e+00	1.4624e+02
	293	0.0000e+00	0.0000e+00	0.0000e+00	3.7338e+02	-8.8490e+01	1.3826e+02
	283	0.0000e+00	0.0000e+00	0.0000e+00	4.5952e+02	-6.4930e+01	9.0683e+01
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	3.6581e+02	7.9055e+01	8.1795e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	2.6394e+02	1.1274e+02	1.2315e+02
	292	0.0000e+00	0.0000e+00	0.0000e+00	3.1197e+02	4.1647e+01	1.4798e+02
	282	0.0000e+00	0.0000e+00	0.0000e+00	4.0126e+02	2.6116e+01	1.0663e+02
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	3.2629e+02	1.4104e+02	4.1367e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	2.3550e+02	1.8607e+02	6.6386e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	2.6179e+02	1.4622e+02	1.0906e+02
	281	0.0000e+00	0.0000e+00	0.0000e+00	3.5050e+02	1.0669e+02	8.4036e+01
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	3.1042e+02	1.6104e+02	-9.4876e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	2.2527e+02	2.0965e+02	-1.1491e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	2.3346e+02	2.0157e+02	4.7619e+01

	280	0.0000e+00	0.0000e+00	0.0000e+00	3.1906e+02	1.5353e+02	3.9280e+01
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	3.1776e+02	1.3750e+02	-6.0797e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	2.3206e+02	1.8433e+02	-6.8602e+01
	289	0.0000e+00	0.0000e+00	0.0000e+00	2.2416e+02	2.0679e+02	-2.0596e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	3.0990e+02	1.5848e+02	-1.2791e+01
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	3.4787e+02	7.3120e+01	-1.0157e+02
	287	0.0000e+00	0.0000e+00	0.0000e+00	2.5930e+02	1.0861e+02	-1.2682e+02
	288	0.0000e+00	0.0000e+00	0.0000e+00	2.3190e+02	1.6304e+02	-8.7096e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	3.2430e+02	1.1980e+02	-6.1840e+01
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	3.9799e+02	-2.1464e+01	-1.1475e+02
	286	0.0000e+00	0.0000e+00	0.0000e+00	3.1080e+02	-1.5507e+01	-1.5738e+02
	287	0.0000e+00	0.0000e+00	0.0000e+00	2.5926e+02	6.9456e+01	-1.3966e+02
	277	0.0000e+00	0.0000e+00	0.0000e+00	3.6349e+02	4.0293e+01	-9.7030e+01
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	4.5463e+02	-1.1730e+02	-8.1173e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	3.7490e+02	-1.5875e+02	-1.2965e+02
	286	0.0000e+00	0.0000e+00	0.0000e+00	3.0936e+02	-6.5926e+01	-1.5160e+02
	276	0.0000e+00	0.0000e+00	0.0000e+00	4.2234e+02	-6.3863e+01	-1.0313e+02
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	4.9376e+02	-1.6319e+02	-2.4013e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	4.0091e+02	-2.3711e+02	-2.5000e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	3.7140e+02	-1.9988e+02	-8.7108e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	4.7765e+02	-1.5072e+02	-6.4510e+01
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	5.7078e+02	-6.3131e+01	3.8208e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	5.0003e+02	-7.7970e+01	6.1361e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	5.2509e+02	-1.0335e+02	4.3045e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	5.9245e+02	-8.1885e+01	1.9891e+01
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	5.2419e+02	-6.4909e+00	4.7274e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	4.4899e+02	-2.3470e+00	8.6150e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	4.9514e+02	-5.2928e+01	8.2139e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	5.5651e+02	-4.0835e+01	4.3263e+01
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	4.7395e+02	5.6952e+01	3.8318e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	3.9882e+02	7.7606e+01	7.6510e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	4.4294e+02	2.8414e+01	9.0479e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	5.0692e+02	2.1384e+01	5.2287e+01
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	4.3641e+02	1.0333e+02	1.5709e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	3.6402e+02	1.3314e+02	4.1846e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	3.9305e+02	1.0236e+02	6.8438e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	4.6012e+02	7.9478e+01	4.2301e+01
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	4.1997e+02	1.1923e+02	-1.3538e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	3.5027e+02	1.5167e+02	-4.2109e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	3.6015e+02	1.4545e+02	2.7807e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	4.2891e+02	1.1444e+02	1.8480e+01
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	4.2686e+02	1.0094e+02	-4.2038e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	3.5916e+02	1.2999e+02	-5.0621e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	3.4920e+02	1.4928e+02	-1.9643e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	4.1950e+02	1.1695e+02	-1.1060e+01
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	4.5524e+02	5.2183e+01	-6.1562e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	3.9038e+02	7.0183e+01	-8.6916e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	3.6085e+02	1.1315e+02	-6.3863e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	4.3359e+02	8.5463e+01	-3.8509e+01
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	4.9810e+02	-1.4450e+01	-6.2914e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	4.3848e+02	-1.6607e+01	-9.9641e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	3.9382e+02	4.1901e+01	-9.2794e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	4.6864e+02	2.6175e+01	-5.6067e+01
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	5.4063e+02	-7.4756e+01	-3.9999e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	4.8685e+02	-1.0113e+02	-7.4925e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	4.4195e+02	-4.8329e+01	-9.0682e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	5.1504e+02	-4.3469e+01	-5.5757e+01
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	5.6458e+02	-9.6434e+01	1.9063e+00
	173	0.0000e+00	0.0000e+00	0.0000e+00	5.0566e+02	-1.3613e+02	-1.1830e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	4.8872e+02	-1.2181e+02	-4.6095e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	5.5379e+02	-9.3605e+01	-3.2359e+01
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	6.2410e+02	-5.0275e+01	2.3436e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	5.8613e+02	-5.3331e+01	2.4201e+01

	274	0.0000e+00	0.0000e+00	0.0000e+00	6.0885e+02	-7.1760e+01	2.0291e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	6.4550e+02	-6.7068e+01	-1.5661e+00
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	5.8272e+02	-2.9565e+00	1.6801e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	5.4161e+02	-1.8540e-01	3.5319e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	5.7822e+02	-3.4640e+01	3.5288e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	6.1402e+02	-3.1808e+01	1.6493e+00
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	5.3926e+02	4.8877e+01	-1.7954e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	4.9560e+02	5.8308e+01	3.1918e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	5.3262e+02	2.2909e+01	3.8208e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	5.7029e+02	1.9874e+01	4.4946e+00
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	5.0626e+02	8.7001e+01	-8.5677e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	4.6160e+02	1.0091e+02	1.5459e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	4.8785e+02	7.7521e+01	2.7329e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	5.2850e+02	6.7909e+01	3.3020e+00
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	4.9122e+02	1.0034e+02	-1.7143e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	4.4720e+02	1.1527e+02	-8.0796e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	4.5677e+02	1.1074e+02	6.5105e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	4.9995e+02	9.6747e+01	-2.5529e+00
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	4.9664e+02	8.5468e+01	-2.4415e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	4.5477e+02	9.7560e+01	-3.1729e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	4.4606e+02	1.1342e+02	-1.8114e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	4.9060e+02	9.8528e+01	-1.0800e+01
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	5.2052e+02	4.5898e+01	-2.6750e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	4.8229e+02	5.1325e+01	-4.8473e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	4.5725e+02	8.4445e+01	-3.9694e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	5.0170e+02	7.2474e+01	-1.7971e+01
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	5.5574e+02	-7.0462e+00	-2.1617e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	5.2194e+02	-1.0905e+01	-5.1460e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	4.8747e+02	3.0229e+01	-5.0743e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	5.2998e+02	2.4949e+01	-2.0900e+01
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	5.8905e+02	-5.3123e+01	-9.7059e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	5.5885e+02	-6.5483e+01	-3.6194e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	5.2798e+02	-3.2962e+01	-4.4436e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	5.6646e+02	-2.8988e+01	-1.7947e+01
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	6.0454e+02	-6.6708e+01	4.4090e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	5.7355e+02	-8.2524e+01	-4.7757e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	5.6317e+02	-7.8119e+01	-1.8848e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	5.9639e+02	-6.6045e+01	-9.6635e+00
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	6.2540e+02	-5.4370e+01	-3.0888e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	6.3113e+02	-4.8935e+01	-9.6097e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	6.5231e+02	-6.6297e+01	-2.9559e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	6.4717e+02	-7.4048e+01	-2.4235e+01
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	5.8663e+02	-1.2134e+00	-3.9835e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	5.8976e+02	-7.8415e-01	-8.4270e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	6.2069e+02	-3.0994e+01	-6.7411e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	6.1909e+02	-3.3906e+01	-3.8149e+01
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	5.4899e+02	5.1913e+01	-3.7363e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	5.4736e+02	5.0856e+01	-7.2411e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	5.7861e+02	2.0151e+01	-8.7694e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	5.7854e+02	2.2123e+01	-3.8891e+01
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	5.2147e+02	8.9024e+01	-2.9749e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	5.1601e+02	8.8004e+01	-8.6093e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	5.3857e+02	6.7625e+01	-1.0628e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	5.4157e+02	7.0606e+01	-3.1768e+01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	5.0883e+02	1.0206e+02	-2.0313e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	5.0213e+02	1.0048e+02	-1.2047e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	5.1082e+02	9.6460e+01	-1.3902e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	5.1682e+02	9.8552e+01	-2.2168e+01
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	5.1269e+02	8.8870e+01	-9.5647e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	5.0751e+02	8.5420e+01	-1.5146e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	5.0092e+02	9.9058e+01	-1.7721e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	5.0802e+02	1.0071e+02	-1.2140e+01
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	5.3177e+02	5.2190e+01	2.3727e+00



	257	0.0000e+00	0.0000e+00	0.0000e+00	5.2996e+02	4.6478e+01	-1.5379e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	5.1023e+02	7.4563e+01	-1.9531e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	5.1567e+02	7.7080e+01	-1.7800e+00
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	5.6116e+02	5.9650e-01	1.3130e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	5.6267e+02	-5.2674e+00	-1.1855e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	5.3612e+02	2.8762e+01	-1.6796e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	5.3728e+02	3.2691e+01	8.1879e+00
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	5.9048e+02	-4.8562e+01	1.6642e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	5.9354e+02	-5.0209e+01	-6.3412e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	5.7083e+02	-2.4302e+01	-8.9996e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	5.6680e+02	-2.0681e+01	1.3984e+01
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	6.0174e+02	-6.6814e+01	6.6381e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	6.0752e+02	-6.3523e+01	-1.0722e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	6.0033e+02	-6.1677e+01	9.6556e-01
	245	0.0000e+00	0.0000e+00	0.0000e+00	5.9336e+02	-6.2425e+01	8.6758e+00
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	5.4102e+02	-7.1924e+01	-6.2950e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	6.1702e+02	-6.2120e+01	-4.1296e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	6.3719e+02	-8.3732e+01	-2.5209e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	5.6455e+02	-1.0581e+02	-4.6864e+01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	5.0678e+02	5.4474e+00	-7.6989e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	5.7522e+02	-2.9088e+00	-4.6435e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	6.0347e+02	-3.9425e+01	-4.7425e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	5.4020e+02	-4.5819e+01	-7.7979e+01
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	4.7916e+02	6.7923e+01	-6.5430e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	5.3662e+02	5.3968e+01	-4.0056e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	5.6374e+02	1.9556e+01	-5.1680e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	5.0327e+02	2.8638e+01	-7.7055e+01
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	4.6046e+02	1.0754e+02	-4.5361e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	5.1009e+02	9.1927e+01	-2.8632e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	5.2887e+02	7.0080e+01	-4.4109e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	4.7545e+02	8.5133e+01	-6.0838e+01
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	4.5193e+02	1.2082e+02	-2.2209e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	4.9831e+02	1.0442e+02	-1.5588e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	5.0574e+02	9.9628e+01	-3.2198e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	4.5786e+02	1.1614e+02	-3.8818e+01
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	4.5407e+02	1.0728e+02	1.9721e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	5.0178e+02	9.0283e+01	-1.8012e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	4.9711e+02	1.0322e+02	-1.8851e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	4.5113e+02	1.2001e+02	-1.5078e+01
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	4.6661e+02	6.8573e+01	2.5295e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	5.1901e+02	5.2472e+01	1.1985e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	5.0374e+02	8.0561e+01	-4.6468e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	4.5501e+02	9.7421e+01	8.6636e+00
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	4.8812e+02	9.1887e+00	4.2911e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	5.4620e+02	-7.7002e-01	2.2340e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	5.2440e+02	3.5592e+01	9.3813e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	4.6840e+02	5.1315e+01	2.9952e+01
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	5.1600e+02	-5.9093e+01	4.3988e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	5.7482e+02	-5.2651e+01	2.0999e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	5.5520e+02	-2.1496e+01	1.9284e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	4.8922e+02	-1.1654e+01	4.2272e+01
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	5.2594e+02	-9.8455e+01	1.0545e+01
	140	0.0000e+00	0.0000e+00	0.0000e+00	5.9214e+02	-7.5056e+01	1.0978e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	5.8544e+02	-6.9494e+01	1.7705e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	5.1357e+02	-7.9008e+01	2.7153e+01
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	3.0987e+02	-1.2129e+02	-9.5232e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	5.0766e+02	-9.2299e+01	-7.4583e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	5.2184e+02	-1.3039e+02	-4.6831e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	3.3736e+02	-1.5640e+02	-6.7480e+01
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	3.0086e+02	-8.2554e+00	-9.9939e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	4.6810e+02	1.5246e+00	-8.0395e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	4.8106e+02	-5.9095e+01	-9.3514e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	3.2734e+02	-2.3315e+01	-1.1306e+02

2304	228	0.0000e+00	0.0000e+00	0.0000e+00	2.9679e+02	7.5685e+01	-7.8451e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	4.3991e+02	6.9089e+01	-6.5748e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	4.5408e+02	2.1956e+01	-9.1032e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	3.0825e+02	6.5469e+01	-1.0373e+02
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	2.9454e+02	1.2728e+02	-5.0994e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	4.2261e+02	1.1006e+02	-4.3249e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	4.3206e+02	8.2351e+01	-7.1970e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	3.0072e+02	1.2206e+02	-7.9715e+01
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	2.9375e+02	1.4882e+02	-2.0852e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	4.1456e+02	1.2283e+02	-1.7709e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	4.1868e+02	1.1599e+02	-4.7410e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	2.9598e+02	1.4885e+02	-5.0552e+01
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	2.9447e+02	1.4184e+02	1.0107e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	4.1519e+02	1.0787e+02	8.7649e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	4.1378e+02	1.2167e+02	-2.1137e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	2.9317e+02	1.4697e+02	-1.9795e+01
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	2.9691e+02	1.0743e+02	3.9934e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	4.2389e+02	6.6885e+01	3.4301e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	4.1760e+02	9.9912e+01	5.1838e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	2.9184e+02	1.1707e+02	1.0817e+01
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	3.0188e+02	4.6456e+01	6.4154e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	4.4023e+02	3.7839e+00	5.4188e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	4.3033e+02	5.2469e+01	2.9105e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	2.9166e+02	5.9507e+01	3.9071e+01
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	3.1805e+02	-4.0863e+01	7.0839e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	4.5919e+02	-7.1259e+01	5.5350e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	4.5312e+02	-1.6126e+01	4.4859e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	2.9285e+02	-2.5732e+01	6.0349e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	3.1908e+02	-1.6006e+02	1.6730e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	4.8873e+02	-1.2252e+02	4.2615e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	4.8407e+02	-1.0067e+02	3.8044e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	2.9857e+02	-1.3008e+02	5.0512e+01
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	-8.5265e+01	2.0257e+02	-6.6334e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	1.6791e+02	-1.3525e+02	-4.0259e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	3.5177e+02	-2.0757e+02	-5.8237e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1650e+02	-5.0977e+02	-8.4312e+01
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	-4.6776e+01	2.4835e+02	-6.9014e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	1.7384e+02	1.5611e+00	-6.3039e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	2.3985e+02	-6.5824e+01	-7.9425e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	-1.0072e+02	-2.8014e+02	-8.5399e+01
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	-1.8424e+01	2.5782e+02	-5.6889e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	1.8837e+02	8.2559e+01	-5.4936e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	2.3079e+02	3.8185e+01	-7.6870e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	-5.6906e+01	-9.3606e+01	-7.8823e+01
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	-1.8140e+00	2.3959e+02	-3.9017e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	2.0121e+02	1.3012e+02	-3.8683e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	2.2427e+02	1.0519e+02	-6.3758e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	-2.4200e+01	4.5404e+01	-6.4091e+01
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	3.7028e+00	1.9551e+02	-1.8055e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	2.1135e+02	1.4662e+02	-1.8777e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	2.1756e+02	1.3995e+02	-4.5243e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-3.9647e+00	1.4351e+02	-4.4521e+01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.5179e+00	1.2392e+02	3.7405e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	2.1894e+02	1.3367e+02	2.1508e+00
	224	0.0000e+00	0.0000e+00	0.0000e+00	2.0925e+02	1.4453e+02	-2.4526e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	4.9706e+00	2.0715e+02	-2.2936e+01
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.8202e+01	2.1394e+01	2.3974e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	2.2438e+02	9.1837e+01	2.1765e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	1.9877e+02	1.2002e+02	-3.8270e+00
	223	0.0000e+00	0.0000e+00	0.0000e+00	2.9489e+00	2.4118e+02	-1.6177e+00
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-4.7518e+01	-1.1711e+02	3.9422e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	2.2920e+02	2.0909e+01	3.6176e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	1.8585e+02	6.6403e+01	1.3855e+01

	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.0726e+01	2.4866e+02	1.7100e+01
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-8.7240e+01	-2.9660e+02	4.5713e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	2.3778e+02	-8.1112e+01	3.8279e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	1.7208e+02	-1.7227e+01	2.2783e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-3.6543e+01	2.2897e+02	3.0217e+01
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.8424e+02	-5.0907e+02	4.0387e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	3.4862e+02	-2.0657e+02	8.3700e+00
	216	0.0000e+00	0.0000e+00	0.0000e+00	1.7091e+02	-1.5037e+02	-2.4917e+00
	217	0.0000e+00	0.0000e+00	0.0000e+00	-7.1154e+01	1.7365e+02	2.9525e+01
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	-3.5187e+02	-5.7057e+02	1.7998e+02
	215	0.0000e+00	0.0000e+00	0.0000e+00	-8.6687e+02	-1.9810e+02	1.9140e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	-1.1969e+03	-1.4939e+03	7.5871e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	-8.4665e-01	-8.6961e+02	6.4445e+01
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	-3.2463e+02	5.5457e+01	2.1019e+02
	214	0.0000e+00	0.0000e+00	0.0000e+00	-4.6170e+02	9.3347e+01	6.6533e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	-6.8886e+02	-2.2076e+02	1.4073e+02
	205	0.0000e+00	0.0000e+00	0.0000e+00	-3.6107e+02	-3.4461e+02	2.8439e+02
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	-1.8733e+02	2.9775e+02	1.4811e+02
	213	0.0000e+00	0.0000e+00	0.0000e+00	-2.4930e+02	3.1878e+02	4.1644e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	-3.7514e+02	1.5807e+02	8.6410e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	-2.5683e+02	8.1513e+01	1.9287e+02
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	-8.8524e+01	4.3084e+02	9.5545e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	-1.1956e+02	4.4911e+02	2.5421e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	-1.9699e+02	3.5640e+02	5.4628e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	-1.3976e+02	3.1100e+02	1.2475e+02
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	-2.6477e+01	5.0343e+02	5.5265e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	-4.5180e+01	5.1987e+02	1.3979e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	-8.8677e+01	4.6965e+02	3.4745e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	-5.8734e+01	4.4082e+02	7.6031e+01
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	5.2067e+00	5.2551e+02	2.2730e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	-1.0913e+01	5.4200e+02	3.7907e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	-2.9684e+01	5.2814e+02	2.0583e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	-1.0772e+01	5.0803e+02	3.9522e+01
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	1.1444e+01	4.9002e+02	-6.1575e+00
	209	0.0000e+00	0.0000e+00	0.0000e+00	-9.3882e+00	5.0886e+02	-6.9145e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	-8.2435e+00	5.3734e+02	8.8387e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	8.9104e+00	5.2184e+02	9.5957e+00
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	-1.9016e+00	3.7431e+02	-3.4027e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	-4.0837e+01	3.9804e+02	-1.9438e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.9716e+01	4.8717e+02	-2.3810e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	3.7462e+00	4.7372e+02	-1.6970e+01
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	-4.1994e+01	1.2990e+02	-6.5796e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.0489e+02	1.6649e+02	-3.4794e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	-6.6846e+01	3.4777e+02	-1.3864e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	-2.3150e+01	3.3873e+02	-4.4866e+01
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	3.0925e+02	-1.8794e+02	2.3679e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	-4.3425e+02	-4.4049e+02	-1.8287e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.6755e+02	1.8635e+02	-3.7954e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	-3.4452e+01	-2.3334e+01	4.0132e+00
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	1.7512e+02	-3.7362e+02	1.8546e+02
	205	0.0000e+00	0.0000e+00	0.0000e+00	-1.8252e+02	-5.0110e+02	2.4102e+02
	206	0.0000e+00	0.0000e+00	0.0000e+00	-1.0076e+02	-7.0807e+02	8.2304e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	1.9529e+02	-4.8956e+02	2.6748e+01
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	7.0178e+01	-4.3942e+01	2.2454e+02
	204	0.0000e+00	0.0000e+00	0.0000e+00	-1.7277e+02	-2.8688e+01	2.7448e+02
	205	0.0000e+00	0.0000e+00	0.0000e+00	-1.1719e+02	-2.5283e+02	2.8454e+02
	194	0.0000e+00	0.0000e+00	0.0000e+00	1.0624e+02	-2.5950e+02	2.3459e+02
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	3.1595e+01	2.0640e+02	1.9082e+02
	203	0.0000e+00	0.0000e+00	0.0000e+00	-1.0204e+02	2.4757e+02	1.8455e+02
	204	0.0000e+00	0.0000e+00	0.0000e+00	-1.3654e+02	1.1134e+02	2.4197e+02
	193	0.0000e+00	0.0000e+00	0.0000e+00	5.4598e+01	2.7331e+01	2.4824e+02
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	4.2644e+01	3.6264e+02	1.3684e+02
	202	0.0000e+00	0.0000e+00	0.0000e+00	-3.8497e+01	4.0162e+02	1.1623e+02

	203	0.0000e+00	0.0000e+00	0.0000e+00	-7.5855e+01	3.1844e+02	1.6870e+02
	192	0.0000e+00	0.0000e+00	0.0000e+00	4.2183e+01	2.4304e+02	1.8931e+02
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	6.2544e+01	4.4998e+02	8.2725e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	6.5993e+00	4.8586e+02	6.4454e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	-2.0392e+01	4.3930e+02	1.0755e+02
	191	0.0000e+00	0.0000e+00	0.0000e+00	5.6010e+01	3.8123e+02	1.2582e+02
2337	189	0.0000e+00	0.0000e+00	0.0000e+00	7.8699e+01	4.8075e+02	3.4144e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	3.1774e+01	5.1510e+02	2.2308e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	1.6751e+01	5.0197e+02	5.8516e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	7.2004e+01	4.5738e+02	7.0352e+01
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	8.9375e+01	4.5076e+02	-8.6772e+00
	199	0.0000e+00	0.0000e+00	0.0000e+00	4.0072e+01	4.8560e+02	-1.5421e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	3.4274e+01	5.1191e+02	1.6780e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	8.2800e+01	4.7655e+02	2.3523e+01
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	1.0388e+02	3.4433e+02	-4.3535e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	3.3752e+01	3.7759e+02	-5.0935e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	3.4776e+01	4.5932e+02	-2.1870e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	8.9283e+01	4.2921e+02	-1.4471e+01
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	8.7695e+01	1.4093e+02	-5.6140e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	7.1767e+01	1.5660e+02	-7.5395e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	2.0928e+01	3.0821e+02	-6.5097e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	1.0320e+02	3.0143e+02	-4.5842e+01
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	3.5432e+02	-1.2660e+02	-6.0156e+00
	196	0.0000e+00	0.0000e+00	0.0000e+00	-2.0729e+02	-2.0799e+02	-1.3960e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	2.9250e+01	8.1520e+01	-2.4512e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	1.0320e+02	2.3135e+01	-1.6567e+01
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	3.6615e+02	-2.1530e+02	1.1748e+02
	194	0.0000e+00	0.0000e+00	0.0000e+00	1.8688e+02	-2.9986e+02	1.5322e+02
	195	0.0000e+00	0.0000e+00	0.0000e+00	2.3837e+02	-4.0563e+02	5.4770e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	3.8024e+02	-2.7557e+02	1.9027e+01
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	2.9423e+02	-3.8291e+01	1.7221e+02
	193	0.0000e+00	0.0000e+00	0.0000e+00	1.2635e+02	-3.7420e+01	2.3575e+02
	194	0.0000e+00	0.0000e+00	0.0000e+00	2.0067e+02	-2.2131e+02	2.0679e+02
	183	0.0000e+00	0.0000e+00	0.0000e+00	3.3649e+02	-1.5730e+02	1.4325e+02
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	2.3012e+02	1.5037e+02	1.6765e+02
	192	0.0000e+00	0.0000e+00	0.0000e+00	1.0137e+02	1.8302e+02	2.0906e+02
	193	0.0000e+00	0.0000e+00	0.0000e+00	1.3796e+02	4.3321e+01	2.3271e+02
	182	0.0000e+00	0.0000e+00	0.0000e+00	2.6951e+02	2.4419e+01	1.9129e+02
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	1.9462e+02	2.9607e+02	1.3102e+02
	191	0.0000e+00	0.0000e+00	0.0000e+00	1.0084e+02	3.3686e+02	1.5009e+02
	192	0.0000e+00	0.0000e+00	0.0000e+00	1.1048e+02	2.4677e+02	1.9254e+02
	181	0.0000e+00	0.0000e+00	0.0000e+00	2.1996e+02	1.9503e+02	1.7347e+02
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	1.8037e+02	3.8875e+02	8.4061e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	1.0881e+02	4.2944e+02	9.0436e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	1.0742e+02	3.7781e+02	1.3432e+02
	180	0.0000e+00	0.0000e+00	0.0000e+00	1.9346e+02	3.2284e+02	1.2794e+02
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	1.7806e+02	4.2818e+02	3.7708e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	1.1771e+02	4.6619e+02	3.7254e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	1.1267e+02	4.4996e+02	7.7162e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	1.8226e+02	4.0098e+02	7.7615e+01
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	1.8303e+02	4.0866e+02	-2.4534e+00
	188	0.0000e+00	0.0000e+00	0.0000e+00	1.2669e+02	4.4204e+02	-8.5894e+00
	189	0.0000e+00	0.0000e+00	0.0000e+00	1.1831e+02	4.6677e+02	2.5536e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	1.8016e+02	4.2576e+02	3.1672e+01
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	1.9770e+02	3.1893e+02	-3.0498e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	1.3502e+02	3.4103e+02	-4.3989e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	1.2309e+02	4.2072e+02	-1.8591e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	1.8488e+02	3.8745e+02	-5.1002e+00
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	1.9106e+02	1.4431e+02	-4.0951e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	1.7443e+02	1.5117e+02	-6.2772e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	1.2801e+02	2.9155e+02	-5.3771e+01
	176	0.0000e+00	0.0000e+00	0.0000e+00	1.9744e+02	2.7880e+02	-3.1949e+01
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	3.8984e+02	-9.9021e+01	-1.6922e+01

	185	0.0000e+00	0.0000e+00	0.0000e+00	-2.9361e+01	-1.4668e+02	-2.5800e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	1.4671e+02	9.9102e+01	-2.3252e+01
	175	0.0000e+00	0.0000e+00	0.0000e+00	1.9748e+02	4.5887e+01	-1.4374e+01
2352	172	0.0000e+00	0.0000e+00	0.0000e+00	4.7982e+02	-1.1501e+02	7.2799e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	3.7656e+02	-1.7006e+02	9.5222e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	4.0677e+02	-2.2839e+02	3.6089e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	4.9076e+02	-1.5454e+02	1.3665e+01
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	4.3026e+02	-4.8928e+00	1.1468e+02
	182	0.0000e+00	0.0000e+00	0.0000e+00	3.2320e+02	-1.6413e+01	1.6330e+02
	183	0.0000e+00	0.0000e+00	0.0000e+00	3.7839e+02	-1.3089e+02	1.3518e+02
	172	0.0000e+00	0.0000e+00	0.0000e+00	4.6427e+02	-8.1108e+01	8.6565e+01
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	3.7198e+02	1.2990e+02	1.2014e+02
	181	0.0000e+00	0.0000e+00	0.0000e+00	2.7407e+02	1.4783e+02	1.6844e+02
	182	0.0000e+00	0.0000e+00	0.0000e+00	3.2411e+02	3.5282e+01	1.7426e+02
	171	0.0000e+00	0.0000e+00	0.0000e+00	4.1058e+02	4.0528e+01	1.2595e+02
2355	169	0.0000e+00	0.0000e+00	0.0000e+00	3.2441e+02	2.5099e+02	9.9485e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	2.4159e+02	2.8246e+02	1.3506e+02
	181	0.0000e+00	0.0000e+00	0.0000e+00	2.7395e+02	1.9631e+02	1.6146e+02
	170	0.0000e+00	0.0000e+00	0.0000e+00	3.5733e+02	1.7023e+02	1.2589e+02
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	2.9327e+02	3.3855e+02	6.6327e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	2.2401e+02	3.7333e+02	8.8136e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	2.4102e+02	3.1888e+02	1.2202e+02
	169	0.0000e+00	0.0000e+00	0.0000e+00	3.1627e+02	2.7978e+02	1.0021e+02
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	2.7684e+02	3.8233e+02	3.0799e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	2.1719e+02	4.1492e+02	4.0983e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	2.2303e+02	3.9454e+02	7.4528e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	2.8968e+02	3.5400e+02	6.4344e+01
2358	166	0.0000e+00	0.0000e+00	0.0000e+00	2.7185e+02	3.7266e+02	-1.6410e-01
	177	0.0000e+00	0.0000e+00	0.0000e+00	2.1904e+02	3.9922e+02	-1.5223e-01
	178	0.0000e+00	0.0000e+00	0.0000e+00	2.1526e+02	4.1892e+02	2.8591e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	2.7566e+02	3.8282e+02	2.8579e+01
2359	165	0.0000e+00	0.0000e+00	0.0000e+00	2.7782e+02	2.9728e+02	-2.1357e+01
	176	0.0000e+00	0.0000e+00	0.0000e+00	2.2549e+02	3.1376e+02	-3.0464e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	2.1513e+02	3.8365e+02	-9.6581e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	2.7147e+02	3.5478e+02	-5.5100e-01
2360	164	0.0000e+00	0.0000e+00	0.0000e+00	2.7140e+02	1.4025e+02	-3.1273e+01
	175	0.0000e+00	0.0000e+00	0.0000e+00	2.5471e+02	1.4878e+02	-4.8276e+01
	176	0.0000e+00	0.0000e+00	0.0000e+00	2.1979e+02	2.7367e+02	-3.8466e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	2.7512e+02	2.6081e+02	-2.1462e+01
2361	163	0.0000e+00	0.0000e+00	0.0000e+00	4.0687e+02	-9.5732e+01	-2.3927e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	1.1299e+02	-1.1908e+02	-3.1927e+01
	175	0.0000e+00	0.0000e+00	0.0000e+00	2.3426e+02	9.8647e+01	-2.2346e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	2.7092e+02	5.4412e+01	-1.4346e+01
2362	161	0.0000e+00	0.0000e+00	0.0000e+00	5.5283e+02	-5.7072e+01	4.0804e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	4.8968e+02	-8.8339e+01	5.6951e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	5.0915e+02	-1.2711e+02	2.4570e+01
	162	0.0000e+00	0.0000e+00	0.0000e+00	5.6298e+02	-8.7785e+01	8.4232e+00
2363	160	0.0000e+00	0.0000e+00	0.0000e+00	5.1539e+02	2.2595e+01	6.4636e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	4.4810e+02	1.2834e+01	1.0173e+02
	172	0.0000e+00	0.0000e+00	0.0000e+00	4.8792e+02	-6.3784e+01	8.3542e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	5.4362e+02	-3.3906e+01	4.6453e+01
2364	159	0.0000e+00	0.0000e+00	0.0000e+00	4.6651e+02	1.2516e+02	6.9638e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	3.9959e+02	1.3433e+02	1.1316e+02
	171	0.0000e+00	0.0000e+00	0.0000e+00	4.4454e+02	4.8009e+01	1.1358e+02
	160	0.0000e+00	0.0000e+00	0.0000e+00	5.0141e+02	5.6266e+01	7.0059e+01
2365	158	0.0000e+00	0.0000e+00	0.0000e+00	4.2001e+02	2.2531e+02	5.8574e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	3.5771e+02	2.4606e+02	9.7102e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	3.9513e+02	1.7084e+02	1.1204e+02
	159	0.0000e+00	0.0000e+00	0.0000e+00	4.5328e+02	1.5903e+02	7.3508e+01
2366	157	0.0000e+00	0.0000e+00	0.0000e+00	3.8350e+02	3.0433e+02	3.7864e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	3.2757e+02	3.2946e+02	6.6407e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	3.5333e+02	2.7661e+02	8.8942e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	4.1012e+02	2.5262e+02	6.0399e+01

2367	156	0.0000e+00	0.0000e+00	0.0000e+00	3.5873e+02	3.4868e+02	1.4098e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	3.0927e+02	3.7277e+02	3.1816e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	3.2347e+02	3.4947e+02	5.5888e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	3.7704e+02	3.2108e+02	3.8170e+01
2368	155	0.0000e+00	0.0000e+00	0.0000e+00	3.4429e+02	3.4569e+02	-7.0814e+00
	166	0.0000e+00	0.0000e+00	0.0000e+00	3.0137e+02	3.6476e+02	4.6487e-01
	167	0.0000e+00	0.0000e+00	0.0000e+00	3.0499e+02	3.7884e+02	2.1611e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	3.5451e+02	3.5182e+02	1.4065e+01
2369	154	0.0000e+00	0.0000e+00	0.0000e+00	3.3910e+02	2.8029e+02	-2.1620e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	2.9997e+02	2.9191e+02	-2.3014e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	2.9593e+02	3.5354e+02	-7.5292e+00
	155	0.0000e+00	0.0000e+00	0.0000e+00	3.4058e+02	3.3140e+02	-6.1354e+00
2370	153	0.0000e+00	0.0000e+00	0.0000e+00	3.2982e+02	1.3282e+02	-2.9075e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	3.1475e+02	1.4058e+02	-3.9055e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	2.9323e+02	2.5835e+02	-3.0089e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	3.3303e+02	2.4657e+02	-2.0110e+01
2371	152	0.0000e+00	0.0000e+00	0.0000e+00	4.0115e+02	-1.0806e+02	-3.2508e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	2.2739e+02	-1.1351e+02	-3.7017e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	2.9833e+02	8.7854e+01	-2.4992e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	3.2194e+02	5.6187e+01	-2.0483e+01
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	5.9290e+02	-3.0490e+01	1.5133e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	5.6103e+02	-4.3309e+01	2.8843e+01
	162	0.0000e+00	0.0000e+00	0.0000e+00	5.7524e+02	-7.3474e+01	1.5873e+01
	151	0.0000e+00	0.0000e+00	0.0000e+00	6.0385e+02	-5.8019e+01	2.1632e+00
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	5.6088e+02	3.7629e+01	2.1592e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	5.2694e+02	3.3065e+01	5.2478e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	5.5762e+02	-2.4276e+01	4.4656e+01
	150	0.0000e+00	0.0000e+00	0.0000e+00	5.8687e+02	-1.1789e+01	1.3770e+01
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	5.1870e+02	1.2493e+02	2.2337e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	4.8314e+02	1.2955e+02	6.0658e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	5.2116e+02	6.0653e+01	6.0684e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	5.5100e+02	6.5218e+01	2.2364e+01
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	4.7647e+02	2.1221e+02	1.6508e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	4.4084e+02	2.2420e+02	5.3223e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	4.7662e+02	1.5919e+02	6.0968e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	5.0805e+02	1.5430e+02	2.4253e+01
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	4.4036e+02	2.8371e+02	5.0303e+00
	157	0.0000e+00	0.0000e+00	0.0000e+00	4.0631e+02	2.9970e+02	3.5059e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	4.3465e+02	2.5027e+02	4.8228e+01
	147	0.0000e+00	0.0000e+00	0.0000e+00	4.6712e+02	2.3755e+02	1.8200e+01
2377	145	0.0000e+00	0.0000e+00	0.0000e+00	4.1224e+02	3.2642e+02	-9.4473e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	3.8125e+02	3.4261e+02	1.2320e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	4.0054e+02	3.1796e+02	2.7642e+01
	146	0.0000e+00	0.0000e+00	0.0000e+00	4.3288e+02	3.0075e+02	5.8746e+00
2378	144	0.0000e+00	0.0000e+00	0.0000e+00	3.9118e+02	3.2700e+02	-2.3212e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	3.6473e+02	3.3983e+02	-9.4432e+00
	156	0.0000e+00	0.0000e+00	0.0000e+00	3.7521e+02	3.4949e+02	4.6575e+00
	145	0.0000e+00	0.0000e+00	0.0000e+00	4.0597e+02	3.3158e+02	-9.1113e+00
2379	143	0.0000e+00	0.0000e+00	0.0000e+00	3.7556e+02	2.6821e+02	-3.2782e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	3.5429e+02	2.7550e+02	-2.6218e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	3.5732e+02	3.3127e+02	-1.5883e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	3.8457e+02	3.1603e+02	-2.2446e+01
2380	142	0.0000e+00	0.0000e+00	0.0000e+00	3.6305e+02	1.2607e+02	-3.6627e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	3.5212e+02	1.3043e+02	-3.8670e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	3.4501e+02	2.4643e+02	-3.2249e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	3.6642e+02	2.3679e+02	-3.0206e+01
2381	141	0.0000e+00	0.0000e+00	0.0000e+00	3.6609e+02	-1.2762e+02	-4.5533e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	3.1806e+02	-1.2068e+02	-4.4903e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	3.3757e+02	7.1574e+01	-3.5345e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	3.4775e+02	5.7677e+01	-3.5975e+01
2382	139	0.0000e+00	0.0000e+00	0.0000e+00	5.8800e+02	-2.9484e+01	-8.9155e+00
	150	0.0000e+00	0.0000e+00	0.0000e+00	5.9583e+02	-2.7448e+01	5.0172e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	6.0776e+02	-5.4399e+01	7.7087e+00

	140	0.0000e+00	0.0000e+00	0.0000e+00	6.0164e+02	-5.8231e+01	-6.2241e+00
2383	138	0.0000e+00	0.0000e+00	0.0000e+00	5.5657e+02	4.0927e+01	-1.8272e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	5.6416e+02	4.0580e+01	1.1057e+01
	150	0.0000e+00	0.0000e+00	0.0000e+00	5.9052e+02	-9.2245e+00	1.1524e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	5.8402e+02	-1.0591e+01	-1.7804e+01
2384	137	0.0000e+00	0.0000e+00	0.0000e+00	5.1859e+02	1.2568e+02	-2.1005e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	5.2339e+02	1.2675e+02	1.4006e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	5.5648e+02	6.6050e+01	1.3754e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	5.4975e+02	6.7660e+01	-2.1257e+01
2385	136	0.0000e+00	0.0000e+00	0.0000e+00	4.8182e+02	2.0727e+02	-2.2553e+01
	147	0.0000e+00	0.0000e+00	0.0000e+00	4.8335e+02	2.1200e+02	1.0830e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	5.1583e+02	1.5319e+02	1.2737e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	5.1059e+02	1.5376e+02	-2.0646e+01
2386	135	0.0000e+00	0.0000e+00	0.0000e+00	4.4991e+02	2.7291e+02	-2.7045e+01
	146	0.0000e+00	0.0000e+00	0.0000e+00	4.4924e+02	2.8134e+02	1.1021e+00
	147	0.0000e+00	0.0000e+00	0.0000e+00	4.7678e+02	2.3492e+02	6.5276e+00
	136	0.0000e+00	0.0000e+00	0.0000e+00	4.7401e+02	2.3152e+02	-2.1619e+01
2387	134	0.0000e+00	0.0000e+00	0.0000e+00	4.2327e+02	3.1218e+02	-3.5306e+01
	145	0.0000e+00	0.0000e+00	0.0000e+00	4.2206e+02	3.2250e+02	-1.3164e+01
	146	0.0000e+00	0.0000e+00	0.0000e+00	4.4322e+02	2.9749e+02	-4.9073e+00
	135	0.0000e+00	0.0000e+00	0.0000e+00	4.4274e+02	2.8981e+02	-2.7049e+01
2388	133	0.0000e+00	0.0000e+00	0.0000e+00	4.0035e+02	3.1341e+02	-4.5314e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	4.0024e+02	3.2247e+02	-2.8414e+01
	145	0.0000e+00	0.0000e+00	0.0000e+00	4.1535e+02	3.2892e+02	-1.9543e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	4.1626e+02	3.1864e+02	-3.6443e+01
2389	132	0.0000e+00	0.0000e+00	0.0000e+00	3.7797e+02	2.5926e+02	-5.3341e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	3.8238e+02	2.6397e+02	-4.0777e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	3.9128e+02	3.1507e+02	-3.4218e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	3.9212e+02	3.0549e+02	-4.6781e+01
2390	131	0.0000e+00	0.0000e+00	0.0000e+00	3.6469e+02	1.2288e+02	-5.4380e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	3.6232e+02	1.2196e+02	-4.8935e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	3.6983e+02	2.3830e+02	-4.5850e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	3.6717e+02	2.3066e+02	-5.1295e+01
2391	130	0.0000e+00	0.0000e+00	0.0000e+00	2.9427e+02	-1.4449e+02	-6.3656e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	3.8550e+02	-1.3135e+02	-5.7439e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	3.4799e+02	5.4834e+01	-5.5967e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	3.4319e+02	6.4767e+01	-6.2184e+01
2392	128	0.0000e+00	0.0000e+00	0.0000e+00	5.0688e+02	-5.1388e+01	-3.5864e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	5.7901e+02	-3.7715e+01	-1.8751e+01
	140	0.0000e+00	0.0000e+00	0.0000e+00	5.9111e+02	-6.5865e+01	-1.3618e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	5.2618e+02	-9.0101e+01	-1.8474e+01
2393	127	0.0000e+00	0.0000e+00	0.0000e+00	4.7364e+02	3.9420e+01	-5.7927e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	5.4418e+02	3.6653e+01	-2.6280e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	5.7021e+02	-1.5488e+01	-2.1907e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	5.0567e+02	-2.7789e+01	-5.3554e+01
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	4.4150e+02	1.3100e+02	-5.8668e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	5.0445e+02	1.2466e+02	-2.6596e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	5.3503e+02	6.3919e+01	-3.0648e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	4.6977e+02	6.6414e+01	-6.2721e+01
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	4.1305e+02	2.1068e+02	-5.4563e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	4.6886e+02	2.0662e+02	-2.6271e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	4.9746e+02	1.4994e+02	-3.1394e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	4.3636e+02	1.5705e+02	-5.9686e+01
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	3.8913e+02	2.7022e+02	-5.3150e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	4.3947e+02	2.7093e+02	-2.9971e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	4.6369e+02	2.2689e+02	-3.2049e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	4.0744e+02	2.3213e+02	-5.5228e+01
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	3.6906e+02	3.0291e+02	-5.7478e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	4.1549e+02	3.0856e+02	-3.9071e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	4.3496e+02	2.8427e+02	-3.6856e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	3.8337e+02	2.8509e+02	-5.5264e+01
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	3.5088e+02	3.0050e+02	-6.6946e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	3.9405e+02	3.0874e+02	-5.1829e+01

	134	0.0000e+00	0.0000e+00	0.0000e+00	4.0983e+02	3.1293e+02	-4.6494e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	3.6284e+02	3.0953e+02	-6.1612e+01
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	3.2959e+02	2.4863e+02	-7.7351e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	3.7397e+02	2.5494e+02	-6.3917e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	3.8500e+02	3.0063e+02	-5.9112e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	3.4321e+02	2.9647e+02	-7.2546e+01
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	3.2372e+02	1.2195e+02	-7.8709e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	3.3853e+02	1.1782e+02	-6.9624e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	3.5876e+02	2.3159e+02	-6.9064e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	3.2016e+02	2.2624e+02	-7.8150e+01
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	1.7890e+02	-1.4633e+02	-8.4239e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	4.2604e+02	-1.3440e+02	-7.4240e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	3.2317e+02	4.2249e+01	-8.7120e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	3.0012e+02	8.2260e+01	-9.7119e+01
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	2.8897e+02	-1.1280e+02	-7.1906e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	4.7604e+02	-7.4833e+01	-4.9734e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	4.8751e+02	-1.1367e+02	-1.2632e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	3.1819e+02	-1.5659e+02	-3.4804e+01
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	2.6870e+02	1.1930e+01	-9.1683e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	4.3538e+02	3.0314e+01	-6.4161e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	4.5315e+02	-4.1304e+01	-6.5952e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	3.0143e+02	-1.9017e+01	-9.3473e+01
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	2.5229e+02	1.2158e+02	-8.4650e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	4.0045e+02	1.2736e+02	-6.2030e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	4.2154e+02	5.7620e+01	-7.5790e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	2.7271e+02	9.3396e+01	-9.8410e+01
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	2.3746e+02	2.0718e+02	-7.5008e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	3.7347e+02	2.0798e+02	-5.6238e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	3.9212e+02	1.4980e+02	-7.1014e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	2.5325e+02	1.8281e+02	-8.9784e+01
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	2.2443e+02	2.6678e+02	-6.8931e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	3.5256e+02	2.6623e+02	-5.3851e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	3.6852e+02	2.2448e+02	-6.5065e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	2.3614e+02	2.4837e+02	-8.0145e+01
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	2.1400e+02	2.9714e+02	-6.9785e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	3.3622e+02	2.9722e+02	-5.8431e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	3.4966e+02	2.7572e+02	-6.4002e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	2.2139e+02	2.8794e+02	-7.5356e+01
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	2.0684e+02	2.9336e+02	-7.8364e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	3.2166e+02	2.9395e+02	-7.0169e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	3.3385e+02	2.9810e+02	-7.0013e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	2.0968e+02	2.9834e+02	-7.8208e+01
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	1.9912e+02	2.4678e+02	-9.1313e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	3.0768e+02	2.4370e+02	-8.4799e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	3.1731e+02	2.8355e+02	-8.2428e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	2.0144e+02	2.7530e+02	-8.8942e+01
2410	100	0.0000e+00	0.0000e+00	0.0000e+00	2.1544e+02	1.3775e+02	-9.6149e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	2.6675e+02	1.1706e+02	-9.1666e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	2.9680e+02	2.2153e+02	-9.2835e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	1.9362e+02	2.0339e+02	-9.7318e+01
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	1.7103e+01	-1.1559e+02	-9.5337e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	4.2894e+02	-1.1563e+02	-9.2002e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	2.5620e+02	3.4686e+01	-1.2139e+02
	100	0.0000e+00	0.0000e+00	0.0000e+00	1.9596e+02	9.8701e+01	-1.2472e+02
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	-9.4826e+01	2.2806e+02	-7.3117e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	1.6025e+02	-1.3759e+02	-2.0578e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	3.4864e+02	-1.9967e+02	-2.6558e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.8681e+02	-5.5229e+02	-7.9097e+01
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	-7.9283e+01	3.0588e+02	-8.0589e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	1.3989e+02	1.7829e+01	-5.2616e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	2.2456e+02	-6.1931e+01	-6.1122e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	-1.1263e+02	-3.3144e+02	-8.9095e+01
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	-7.2031e+01	3.4986e+02	-7.8938e+01



	112	0.0000e+00	0.0000e+00	0.0000e+00	1.3559e+02	1.2581e+02	-5.6706e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	1.9889e+02	6.2526e+01	-6.8798e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-9.4541e+01	-1.3516e+02	-9.1029e+01
2415	111	0.0000e+00	0.0000e+00	0.0000e+00	-7.4263e+01	3.6549e+02	-7.6057e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	1.3299e+02	2.0666e+02	-5.6797e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	1.7935e+02	1.5960e+02	-6.8974e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-8.5289e+01	2.7325e+01	-8.8234e+01
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	-8.3935e+01	3.5313e+02	-7.5016e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	1.3121e+02	2.6018e+02	-5.9541e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	1.6106e+02	2.2978e+02	-6.9193e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-8.5391e+01	1.5787e+02	-8.4668e+01
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	-9.5776e+01	3.0952e+02	-7.7378e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	1.3218e+02	2.8469e+02	-6.8732e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	1.4378e+02	2.7140e+02	-7.4357e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-9.1510e+01	2.5883e+02	-8.3004e+01
2418	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.0162e+02	2.3055e+02	-8.3332e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	1.3837e+02	2.7700e+02	-8.5944e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	1.2936e+02	2.8165e+02	-8.7044e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-9.7396e+01	3.3051e+02	-8.4432e+01
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	-9.0508e+01	1.1285e+02	-9.0762e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	1.5111e+02	2.3129e+02	-1.0971e+02
	104	0.0000e+00	0.0000e+00	0.0000e+00	1.1976e+02	2.5659e+02	-1.0754e+02
	105	0.0000e+00	0.0000e+00	0.0000e+00	-9.3935e+01	3.7029e+02	-8.8586e+01
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	-4.4648e+01	-4.3019e+01	-8.9959e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	1.5004e+02	1.2523e+02	-1.2385e+02
	102	0.0000e+00	0.0000e+00	0.0000e+00	1.1199e+02	1.9290e+02	-1.2755e+02
	103	0.0000e+00	0.0000e+00	0.0000e+00	-6.8784e+01	3.6921e+02	-9.3661e+01
2421	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.8693e+02	-2.3429e+02	-4.4516e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	3.9397e+02	-5.9504e+01	-1.0971e+02
	100	0.0000e+00	0.0000e+00	0.0000e+00	1.0040e+02	2.7202e+01	-1.7236e+02
	101	0.0000e+00	0.0000e+00	0.0000e+00	-1.2985e+01	3.3856e+02	-1.0716e+02

INFORMAZIONI - ANALISI "\_198" (Fase 1)

Equazioni.....	7002
Semibanda.....	1905
Numero blocchi.....	1
Zero algoritmico.....	9.3577e-07
Tempo totale analisi (sec).....	0.20
Metodo di combinazione modale....	CQC
Smorzamento predefinito.....	0.05
Fattore Rayleigh masse.....	0.00
Fattore Rayleigh rigidezza.....	1.00

ACCELERAZIONI SISMICHE

Vect.	X	Y	Z	Spettro
1	55.06	0.00	0.00	SLDh
2	0.00	55.06	0.00	SLDh
3	129.04	0.00	0.00	SLVh
4	0.00	129.04	0.00	SLVh
5	45.54	0.00	0.00	SLOh
6	0.00	45.54	0.00	SLOh

Masse abilitate secondo: " X Y "

COEFFICIENTI DI PARTECIPAZIONE MODALE - ANALISI "\_198" (Fase 1)

Modo	x	y	z
1	-0.00211	10.14560	0.00000
2	0.00520	-9.59763	0.00000
3	12.92450	0.00087	0.00000
4	-0.00577	-0.38875	0.00000
5	-0.01520	-2.50506	0.00000
6	-5.86396	-0.01550	0.00000
7	-0.57132	0.12186	0.00000
8	-0.11986	0.09287	0.00000

MASSA MODALE RELATIVA - ANALISI "\_198" (Fase 1)

Modo	x	y	z	s
1	0.00000	0.50242	0.00000	0.25121
2	0.00000	0.44961	0.00000	0.22481
3	0.81534	0.00000	0.00000	0.40767
4	0.00000	0.00074	0.00000	0.00037
5	0.00000	0.03063	0.00000	0.01532
6	0.16784	0.00000	0.00000	0.08392
7	0.00159	0.00007	0.00000	0.00083
8	0.00007	0.00004	0.00000	0.00006
	0.98485	0.98352	0.00000	0.98418

SMORZAMENTO MODALE - ANALISI "\_198" (Fase 1)

Modo	Smorzamento
1	0.05000
2	0.05000
3	0.05000
4	0.05000
5	0.05000
6	0.05000
7	0.05000
8	0.05000

SPOSTAMENTI NODALI "Dinamica SLDh X" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	1.1770e-02	-2.6875e-05	8.4156e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	6.5928e-03	-2.0396e-06	1.2376e-04	0.0000e+00
3	0.0000e+00	0.0000e+00	7.9448e-03	6.0371e-06	1.3462e-04	0.0000e+00
4	0.0000e+00	0.0000e+00	8.0874e-03	-4.8601e-06	1.3544e-04	0.0000e+00
5	0.0000e+00	0.0000e+00	7.6448e-03	3.1209e-06	1.3096e-04	0.0000e+00
6	0.0000e+00	0.0000e+00	8.1810e-03	1.0579e-07	1.3479e-04	0.0000e+00
7	0.0000e+00	0.0000e+00	7.6366e-03	-3.1179e-06	1.3095e-04	0.0000e+00
8	0.0000e+00	0.0000e+00	8.0730e-03	4.8587e-06	1.3543e-04	0.0000e+00
9	0.0000e+00	0.0000e+00	7.9253e-03	-6.0421e-06	1.3460e-04	0.0000e+00
10	0.0000e+00	0.0000e+00	6.5600e-03	2.0560e-06	1.2373e-04	0.0000e+00
11	0.0000e+00	0.0000e+00	1.1746e-02	2.6903e-05	8.4086e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	1.4436e-03	1.4302e-06	4.2282e-05	0.0000e+00
13	0.0000e+00	0.0000e+00	2.0502e-03	4.7381e-07	1.0165e-04	0.0000e+00
14	0.0000e+00	0.0000e+00	2.2948e-03	1.8732e-06	1.0368e-04	0.0000e+00
15	0.0000e+00	0.0000e+00	2.2968e-03	-1.7953e-06	1.0365e-04	0.0000e+00
16	0.0000e+00	0.0000e+00	2.1274e-03	6.6230e-07	1.0151e-04	0.0000e+00
17	0.0000e+00	0.0000e+00	2.1411e-03	2.4222e-08	1.0262e-04	0.0000e+00
18	0.0000e+00	0.0000e+00	2.1284e-03	-5.6502e-07	1.0152e-04	0.0000e+00
19	0.0000e+00	0.0000e+00	2.2950e-03	1.8959e-06	1.0367e-04	0.0000e+00
20	0.0000e+00	0.0000e+00	2.2968e-03	-1.7732e-06	1.0370e-04	0.0000e+00
21	0.0000e+00	0.0000e+00	2.0502e-03	-3.7645e-07	1.0168e-04	0.0000e+00
22	0.0000e+00	0.0000e+00	1.4496e-03	-1.6336e-06	4.2290e-05	0.0000e+00
23	0.0000e+00	0.0000e+00	-1.4338e-02	2.7606e-05	1.0092e-04	0.0000e+00
24	0.0000e+00	0.0000e+00	-9.5892e-03	1.3681e-06	1.4633e-04	0.0000e+00
25	0.0000e+00	0.0000e+00	-1.1498e-02	-8.2471e-06	1.6096e-04	0.0000e+00
26	0.0000e+00	0.0000e+00	-1.1591e-02	7.4471e-06	1.6163e-04	0.0000e+00
27	0.0000e+00	0.0000e+00	-1.0294e-02	-1.5161e-06	1.5171e-04	0.0000e+00
28	0.0000e+00	0.0000e+00	-9.9395e-03	1.5526e-08	1.3828e-04	0.0000e+00
29	0.0000e+00	0.0000e+00	-1.0293e-02	1.5373e-06	1.5172e-04	0.0000e+00
30	0.0000e+00	0.0000e+00	-1.1594e-02	-7.4195e-06	1.6166e-04	0.0000e+00
31	0.0000e+00	0.0000e+00	-1.1497e-02	8.2846e-06	1.6098e-04	0.0000e+00
32	0.0000e+00	0.0000e+00	-9.5885e-03	-1.3376e-06	1.4636e-04	0.0000e+00
33	0.0000e+00	0.0000e+00	-1.4339e-02	-2.7552e-05	1.0095e-04	0.0000e+00
67	0.0000e+00	0.0000e+00	1.5091e-02	-2.7508e-05	6.7280e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	1.1172e-02	-1.7193e-06	9.2454e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	1.2986e-02	8.6287e-06	1.0251e-04	0.0000e+00
70	0.0000e+00	0.0000e+00	1.3163e-02	-7.2465e-06	1.0341e-04	0.0000e+00
71	0.0000e+00	0.0000e+00	1.2519e-02	4.2132e-06	9.9459e-05	0.0000e+00
72	0.0000e+00	0.0000e+00	1.3220e-02	1.2887e-07	1.0298e-04	0.0000e+00
73	0.0000e+00	0.0000e+00	1.2511e-02	-4.2154e-06	9.9424e-05	0.0000e+00
74	0.0000e+00	0.0000e+00	1.3149e-02	7.2452e-06	1.0334e-04	0.0000e+00
75	0.0000e+00	0.0000e+00	1.2967e-02	-8.6378e-06	1.0243e-04	0.0000e+00
76	0.0000e+00	0.0000e+00	1.1139e-02	1.7313e-06	9.2308e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	1.5062e-02	2.7546e-05	6.7102e-05	0.0000e+00
78	0.0000e+00	0.0000e+00	-1.8550e-02	2.9924e-05	9.1455e-05	0.0000e+00
79	0.0000e+00	0.0000e+00	-1.5184e-02	8.8050e-07	1.1780e-04	0.0000e+00

80	0.0000e+00	0.0000e+00	-1.7770e-02	-1.2095e-05	1.3298e-04	0.0000e+00
81	0.0000e+00	0.0000e+00	-1.7894e-02	1.1039e-05	1.3367e-04	0.0000e+00
82	0.0000e+00	0.0000e+00	-1.6141e-02	-2.1968e-06	1.2316e-04	0.0000e+00
83	0.0000e+00	0.0000e+00	-1.5370e-02	2.0856e-08	1.1520e-04	0.0000e+00
84	0.0000e+00	0.0000e+00	-1.6141e-02	2.2096e-06	1.2316e-04	0.0000e+00
85	0.0000e+00	0.0000e+00	-1.7899e-02	-1.1020e-05	1.3370e-04	0.0000e+00
86	0.0000e+00	0.0000e+00	-1.7770e-02	1.2126e-05	1.3300e-04	0.0000e+00
87	0.0000e+00	0.0000e+00	-1.5185e-02	-8.4588e-07	1.1783e-04	0.0000e+00
88	0.0000e+00	0.0000e+00	-1.8552e-02	-2.9879e-05	9.1488e-05	0.0000e+00
89	0.0000e+00	0.0000e+00	1.2850e-02	-2.2548e-05	7.6615e-05	0.0000e+00
90	0.0000e+00	0.0000e+00	1.4643e-03	1.1825e-06	3.8035e-05	0.0000e+00
91	0.0000e+00	0.0000e+00	-1.5439e-02	2.2963e-05	9.5432e-05	0.0000e+00
92	0.0000e+00	0.0000e+00	1.6214e-02	-2.1888e-05	7.2094e-05	0.0000e+00
93	0.0000e+00	0.0000e+00	-1.9713e-02	2.2247e-05	9.3250e-05	0.0000e+00
94	0.0000e+00	0.0000e+00	-1.9713e-02	-2.2199e-05	9.3286e-05	0.0000e+00
95	0.0000e+00	0.0000e+00	1.2828e-02	2.2576e-05	7.6527e-05	0.0000e+00
96	0.0000e+00	0.0000e+00	1.4761e-03	-1.3719e-06	3.8037e-05	0.0000e+00
97	0.0000e+00	0.0000e+00	-1.5437e-02	-2.2915e-05	9.5466e-05	0.0000e+00
98	0.0000e+00	0.0000e+00	1.6187e-02	2.1922e-05	7.1973e-05	0.0000e+00
99	0.0000e+00	0.0000e+00	8.6479e-03	-2.4346e-05	6.2633e-05	0.0000e+00
100	0.0000e+00	0.0000e+00	7.7008e-03	-2.3010e-05	5.9307e-05	0.0000e+00
101	0.0000e+00	0.0000e+00	1.0642e-02	-2.7337e-05	7.4521e-05	0.0000e+00
102	0.0000e+00	0.0000e+00	6.7966e-03	-2.1935e-05	5.6736e-05	0.0000e+00
103	0.0000e+00	0.0000e+00	9.5543e-03	-2.5297e-05	6.8986e-05	0.0000e+00
104	0.0000e+00	0.0000e+00	5.9630e-03	-1.9671e-05	5.4338e-05	0.0000e+00
105	0.0000e+00	0.0000e+00	8.5963e-03	-2.1600e-05	6.5821e-05	0.0000e+00
106	0.0000e+00	0.0000e+00	5.2405e-03	-1.6657e-05	5.2945e-05	0.0000e+00
107	0.0000e+00	0.0000e+00	7.8176e-03	-1.7003e-05	6.4770e-05	0.0000e+00
108	0.0000e+00	0.0000e+00	4.6469e-03	-1.3587e-05	5.2788e-05	0.0000e+00
109	0.0000e+00	0.0000e+00	7.2403e-03	-1.2158e-05	6.5844e-05	0.0000e+00
110	0.0000e+00	0.0000e+00	4.1751e-03	-1.1073e-05	5.3972e-05	0.0000e+00
111	0.0000e+00	0.0000e+00	6.8627e-03	-7.6470e-06	6.9248e-05	0.0000e+00
112	0.0000e+00	0.0000e+00	3.7972e-03	-9.6223e-06	5.6435e-05	0.0000e+00
113	0.0000e+00	0.0000e+00	6.6623e-03	-4.0272e-06	7.5383e-05	0.0000e+00
114	0.0000e+00	0.0000e+00	3.4692e-03	-9.5142e-06	5.9682e-05	0.0000e+00
115	0.0000e+00	0.0000e+00	6.5970e-03	-1.8883e-06	8.4976e-05	0.0000e+00
116	0.0000e+00	0.0000e+00	3.1526e-03	-9.7855e-06	6.1536e-05	0.0000e+00
117	0.0000e+00	0.0000e+00	6.6050e-03	-1.2240e-06	9.9303e-05	0.0000e+00
118	0.0000e+00	0.0000e+00	2.9513e-03	-2.1242e-06	6.0982e-05	0.0000e+00
119	0.0000e+00	0.0000e+00	6.3694e-03	-2.2120e-05	4.4147e-05	0.0000e+00
120	0.0000e+00	0.0000e+00	5.5006e-03	-2.1219e-05	4.1650e-05	0.0000e+00
121	0.0000e+00	0.0000e+00	4.6796e-03	-1.9731e-05	4.0434e-05	0.0000e+00
122	0.0000e+00	0.0000e+00	3.9293e-03	-1.7766e-05	3.8885e-05	0.0000e+00
123	0.0000e+00	0.0000e+00	3.2691e-03	-1.5496e-05	3.7490e-05	0.0000e+00
124	0.0000e+00	0.0000e+00	2.7067e-03	-1.3331e-05	3.6433e-05	0.0000e+00
125	0.0000e+00	0.0000e+00	2.2352e-03	-1.1663e-05	3.5737e-05	0.0000e+00
126	0.0000e+00	0.0000e+00	1.8386e-03	-1.0638e-05	3.5200e-05	0.0000e+00
127	0.0000e+00	0.0000e+00	1.5079e-03	-9.7788e-06	3.4342e-05	0.0000e+00
128	0.0000e+00	0.0000e+00	-1.2632e-03	-7.4286e-06	3.2562e-05	0.0000e+00
129	0.0000e+00	0.0000e+00	-1.1482e-03	-2.0468e-06	3.1317e-05	0.0000e+00
130	0.0000e+00	0.0000e+00	4.8372e-03	-2.0308e-05	2.8623e-05	0.0000e+00
131	0.0000e+00	0.0000e+00	4.0279e-03	-1.9993e-05	2.6073e-05	0.0000e+00
132	0.0000e+00	0.0000e+00	3.2593e-03	-1.8387e-05	2.5105e-05	0.0000e+00
133	0.0000e+00	0.0000e+00	2.5679e-03	-1.6248e-05	2.3844e-05	0.0000e+00
134	0.0000e+00	0.0000e+00	1.9700e-03	-1.3941e-05	2.2398e-05	0.0000e+00
135	0.0000e+00	0.0000e+00	1.4700e-03	-1.1791e-05	2.0758e-05	0.0000e+00
136	0.0000e+00	0.0000e+00	1.0649e-03	-1.0039e-05	1.8922e-05	0.0000e+00
137	0.0000e+00	0.0000e+00	7.5591e-04	-8.6767e-06	1.6866e-05	0.0000e+00
138	0.0000e+00	0.0000e+00	-5.6809e-04	-7.2604e-06	1.4662e-05	0.0000e+00
139	0.0000e+00	0.0000e+00	-5.2456e-04	-5.0360e-06	1.2734e-05	0.0000e+00
140	0.0000e+00	0.0000e+00	-5.4848e-04	-1.8181e-06	1.1847e-05	0.0000e+00
141	0.0000e+00	0.0000e+00	3.9282e-03	-1.8650e-05	1.6620e-05	0.0000e+00
142	0.0000e+00	0.0000e+00	3.1752e-03	-1.8771e-05	1.3980e-05	0.0000e+00
143	0.0000e+00	0.0000e+00	2.4530e-03	-1.7201e-05	1.2992e-05	0.0000e+00
144	0.0000e+00	0.0000e+00	1.8126e-03	-1.4795e-05	1.1764e-05	0.0000e+00
145	0.0000e+00	0.0000e+00	1.2771e-03	-1.2084e-05	1.0296e-05	0.0000e+00
146	0.0000e+00	0.0000e+00	8.5269e-04	-9.4641e-06	8.5345e-06	0.0000e+00
147	0.0000e+00	0.0000e+00	5.3461e-04	-7.2109e-06	-6.7234e-06	0.0000e+00
148	0.0000e+00	0.0000e+00	-3.1915e-04	-5.4339e-06	-5.6781e-06	0.0000e+00
149	0.0000e+00	0.0000e+00	-2.2280e-04	-4.0258e-06	-6.3831e-06	0.0000e+00
150	0.0000e+00	0.0000e+00	-2.3938e-04	-2.7434e-06	-8.0305e-06	0.0000e+00
151	0.0000e+00	0.0000e+00	-2.8336e-04	-1.4852e-06	-8.9896e-06	0.0000e+00

152	0.0000e+00	0.0000e+00	3.4992e-03	-1.6989e-05	-8.7924e-06	0.0000e+00
153	0.0000e+00	0.0000e+00	2.8034e-03	-1.7543e-05	-6.5581e-06	0.0000e+00
154	0.0000e+00	0.0000e+00	2.1275e-03	-1.6046e-05	-5.6813e-06	0.0000e+00
155	0.0000e+00	0.0000e+00	1.5380e-03	-1.3327e-05	-4.7966e-06	0.0000e+00
156	0.0000e+00	0.0000e+00	1.0701e-03	-1.0046e-05	-4.2328e-06	0.0000e+00
157	0.0000e+00	0.0000e+00	7.3573e-04	-6.7276e-06	-4.7016e-06	0.0000e+00
158	0.0000e+00	0.0000e+00	5.2782e-04	-3.7942e-06	-6.7081e-06	0.0000e+00
159	0.0000e+00	0.0000e+00	4.2385e-04	-1.6048e-06	-9.8555e-06	0.0000e+00
160	0.0000e+00	0.0000e+00	3.8808e-04	-4.4078e-07	-1.3398e-05	0.0000e+00
161	0.0000e+00	0.0000e+00	3.7675e-04	-3.5595e-07	-1.6359e-05	0.0000e+00
162	0.0000e+00	0.0000e+00	3.4954e-04	-1.1111e-06	-1.7739e-05	0.0000e+00
163	0.0000e+00	0.0000e+00	3.3775e-03	-1.5185e-05	-5.1849e-06	0.0000e+00
164	0.0000e+00	0.0000e+00	2.7426e-03	-1.6341e-05	-4.4373e-06	0.0000e+00
165	0.0000e+00	0.0000e+00	2.1136e-03	-1.4931e-05	-4.1956e-06	0.0000e+00
166	0.0000e+00	0.0000e+00	1.5775e-03	-1.1859e-05	-4.4768e-06	0.0000e+00
167	0.0000e+00	0.0000e+00	1.1842e-03	-7.9520e-06	-5.4923e-06	0.0000e+00
168	0.0000e+00	0.0000e+00	9.5389e-04	-3.8715e-06	-7.4025e-06	0.0000e+00
169	0.0000e+00	0.0000e+00	8.8215e-04	6.1110e-07	-1.0226e-05	0.0000e+00
170	0.0000e+00	0.0000e+00	9.4160e-04	2.7680e-06	-1.3904e-05	0.0000e+00
171	0.0000e+00	0.0000e+00	1.0787e-03	3.7787e-06	-1.8084e-05	0.0000e+00
172	0.0000e+00	0.0000e+00	1.2118e-03	2.4820e-06	-2.1777e-05	0.0000e+00
173	0.0000e+00	0.0000e+00	1.2511e-03	-7.3185e-07	-2.3520e-05	0.0000e+00
174	0.0000e+00	0.0000e+00	3.3570e-03	-1.3045e-05	-4.3170e-06	0.0000e+00
175	0.0000e+00	0.0000e+00	2.7899e-03	-1.5094e-05	-3.0437e-06	0.0000e+00
176	0.0000e+00	0.0000e+00	2.2103e-03	-1.3744e-05	-3.0590e-06	0.0000e+00
177	0.0000e+00	0.0000e+00	1.7311e-03	-1.0313e-05	-3.8427e-06	0.0000e+00
178	0.0000e+00	0.0000e+00	1.4122e-03	-5.8927e-06	-5.2414e-06	0.0000e+00
179	0.0000e+00	0.0000e+00	1.2773e-03	-1.2817e-06	-7.1475e-06	0.0000e+00
180	0.0000e+00	0.0000e+00	1.3274e-03	3.5256e-06	-9.6138e-06	0.0000e+00
181	0.0000e+00	0.0000e+00	1.5426e-03	7.2031e-06	-1.2913e-05	0.0000e+00
182	0.0000e+00	0.0000e+00	1.8666e-03	8.7057e-06	-1.7277e-05	0.0000e+00
183	0.0000e+00	0.0000e+00	2.1787e-03	6.2296e-06	-2.2011e-05	0.0000e+00
184	0.0000e+00	0.0000e+00	2.3049e-03	-3.6509e-07	-2.4479e-05	0.0000e+00
185	0.0000e+00	0.0000e+00	3.2037e-03	-1.0266e-05	9.2216e-06	0.0000e+00
186	0.0000e+00	0.0000e+00	2.7221e-03	-1.3489e-05	4.5703e-06	0.0000e+00
187	0.0000e+00	0.0000e+00	2.2110e-03	-1.1998e-05	2.8774e-06	0.0000e+00
188	0.0000e+00	0.0000e+00	1.8091e-03	-8.3290e-06	-9.7504e-07	0.0000e+00
189	0.0000e+00	0.0000e+00	1.5711e-03	-3.8614e-06	-1.8879e-06	0.0000e+00
190	0.0000e+00	0.0000e+00	1.5163e-03	1.1040e-06	-3.4617e-06	0.0000e+00
191	0.0000e+00	0.0000e+00	1.6517e-03	5.9163e-06	-4.7732e-06	0.0000e+00
192	0.0000e+00	0.0000e+00	1.9765e-03	1.0623e-05	-6.2381e-06	0.0000e+00
193	0.0000e+00	0.0000e+00	2.4631e-03	1.3863e-05	-8.8811e-06	0.0000e+00
194	0.0000e+00	0.0000e+00	2.9945e-03	1.1701e-05	-1.4370e-05	0.0000e+00
195	0.0000e+00	0.0000e+00	3.2489e-03	-3.6954e-08	-1.8247e-05	0.0000e+00
196	0.0000e+00	0.0000e+00	2.6593e-03	-6.4238e-06	2.1661e-05	0.0000e+00
197	0.0000e+00	0.0000e+00	2.3091e-03	-1.0569e-05	1.4764e-05	0.0000e+00
198	0.0000e+00	0.0000e+00	1.9352e-03	-8.4507e-06	1.0505e-05	0.0000e+00
199	0.0000e+00	0.0000e+00	1.6691e-03	-5.2359e-06	6.3334e-06	0.0000e+00
200	0.0000e+00	0.0000e+00	1.5359e-03	-1.7226e-06	3.5175e-06	0.0000e+00
201	0.0000e+00	0.0000e+00	1.5440e-03	2.0628e-06	2.2271e-06	0.0000e+00
202	0.0000e+00	0.0000e+00	1.7004e-03	5.9830e-06	2.5916e-06	0.0000e+00
203	0.0000e+00	0.0000e+00	2.0163e-03	1.0342e-05	4.6174e-06	0.0000e+00
204	0.0000e+00	0.0000e+00	2.5096e-03	1.5345e-05	7.9385e-06	0.0000e+00
205	0.0000e+00	0.0000e+00	3.1935e-03	2.0032e-05	7.8564e-06	0.0000e+00
206	0.0000e+00	0.0000e+00	3.6223e-03	3.0771e-07	3.3597e-06	0.0000e+00
207	0.0000e+00	0.0000e+00	1.3735e-03	-2.3302e-06	2.6550e-05	0.0000e+00
208	0.0000e+00	0.0000e+00	1.2968e-03	-1.8455e-06	1.8495e-05	0.0000e+00
209	0.0000e+00	0.0000e+00	1.2518e-03	-7.6177e-07	1.2599e-05	0.0000e+00
210	0.0000e+00	0.0000e+00	1.2565e-03	8.0955e-07	9.1150e-06	0.0000e+00
211	0.0000e+00	0.0000e+00	1.3173e-03	2.2186e-06	7.8931e-06	0.0000e+00
212	0.0000e+00	0.0000e+00	1.4321e-03	3.5071e-06	9.2044e-06	0.0000e+00
213	0.0000e+00	0.0000e+00	1.5907e-03	4.4323e-06	1.3851e-05	0.0000e+00
214	0.0000e+00	0.0000e+00	1.7737e-03	4.7259e-06	2.4046e-05	0.0000e+00
215	0.0000e+00	0.0000e+00	1.9481e-03	3.9752e-06	4.2191e-05	0.0000e+00
216	0.0000e+00	0.0000e+00	3.0135e-03	5.2893e-06	6.1744e-05	0.0000e+00
217	0.0000e+00	0.0000e+00	6.4342e-03	-3.8438e-06	9.8072e-05	0.0000e+00
218	0.0000e+00	0.0000e+00	3.1537e-03	3.7414e-06	5.9211e-05	0.0000e+00
219	0.0000e+00	0.0000e+00	6.2332e-03	-3.7259e-06	8.3794e-05	0.0000e+00
220	0.0000e+00	0.0000e+00	3.2490e-03	2.4319e-06	5.5844e-05	0.0000e+00
221	0.0000e+00	0.0000e+00	6.0813e-03	-2.1167e-06	7.5165e-05	0.0000e+00
222	0.0000e+00	0.0000e+00	3.3315e-03	2.0797e-06	5.3868e-05	0.0000e+00
223	0.0000e+00	0.0000e+00	6.0312e-03	-5.1670e-07	7.0763e-05	0.0000e+00

224	0.0000e+00	0.0000e+00	3.4304e-03	2.5513e-06	5.3756e-05	0.0000e+00
225	0.0000e+00	0.0000e+00	6.1122e-03	3.4530e-06	6.9997e-05	0.0000e+00
226	0.0000e+00	0.0000e+00	3.5544e-03	-3.2088e-06	5.5603e-05	0.0000e+00
227	0.0000e+00	0.0000e+00	6.3323e-03	6.3674e-06	7.2720e-05	0.0000e+00
228	0.0000e+00	0.0000e+00	3.6887e-03	-3.5223e-06	5.9328e-05	0.0000e+00
229	0.0000e+00	0.0000e+00	6.6778e-03	8.6927e-06	7.9123e-05	0.0000e+00
230	0.0000e+00	0.0000e+00	3.7957e-03	-3.5938e-06	6.4480e-05	0.0000e+00
231	0.0000e+00	0.0000e+00	7.1117e-03	9.8518e-06	8.9847e-05	0.0000e+00
232	0.0000e+00	0.0000e+00	3.8309e-03	-4.3703e-06	6.8895e-05	0.0000e+00
233	0.0000e+00	0.0000e+00	7.5700e-03	9.1819e-06	1.0640e-04	0.0000e+00
234	0.0000e+00	0.0000e+00	3.8932e-03	3.7982e-06	7.0191e-05	0.0000e+00
235	0.0000e+00	0.0000e+00	-1.1594e-03	3.3838e-06	3.2434e-05	0.0000e+00
236	0.0000e+00	0.0000e+00	-1.2550e-03	4.4695e-06	3.3956e-05	0.0000e+00
237	0.0000e+00	0.0000e+00	1.3669e-03	3.5585e-06	3.4344e-05	0.0000e+00
238	0.0000e+00	0.0000e+00	1.4670e-03	2.4625e-06	3.4502e-05	0.0000e+00
239	0.0000e+00	0.0000e+00	1.5525e-03	1.7723e-06	3.4959e-05	0.0000e+00
240	0.0000e+00	0.0000e+00	1.6235e-03	-1.7632e-06	3.5864e-05	0.0000e+00
241	0.0000e+00	0.0000e+00	1.6730e-03	-2.4927e-06	3.7052e-05	0.0000e+00
242	0.0000e+00	0.0000e+00	1.6935e-03	-3.5176e-06	3.7977e-05	0.0000e+00
243	0.0000e+00	0.0000e+00	-1.7000e-03	-3.2834e-06	3.7719e-05	0.0000e+00
244	0.0000e+00	0.0000e+00	-1.7561e-03	-2.2784e-06	3.7726e-05	0.0000e+00
245	0.0000e+00	0.0000e+00	-5.4207e-04	1.3925e-06	1.2444e-05	0.0000e+00
246	0.0000e+00	0.0000e+00	-5.0697e-04	2.6392e-06	1.4080e-05	0.0000e+00
247	0.0000e+00	0.0000e+00	-4.9237e-04	2.4326e-06	1.5729e-05	0.0000e+00
248	0.0000e+00	0.0000e+00	-5.0960e-04	1.7461e-06	1.6948e-05	0.0000e+00
249	0.0000e+00	0.0000e+00	-5.4754e-04	1.1905e-06	1.7678e-05	0.0000e+00
250	0.0000e+00	0.0000e+00	-5.9624e-04	-1.1982e-06	1.7918e-05	0.0000e+00
251	0.0000e+00	0.0000e+00	-6.5017e-04	-1.7554e-06	1.7629e-05	0.0000e+00
252	0.0000e+00	0.0000e+00	-7.0856e-04	-2.2267e-06	1.6815e-05	0.0000e+00
253	0.0000e+00	0.0000e+00	-7.7206e-04	-1.8250e-06	1.5838e-05	0.0000e+00
254	0.0000e+00	0.0000e+00	-8.3290e-04	-1.5493e-06	1.5627e-05	0.0000e+00
255	0.0000e+00	0.0000e+00	-3.0672e-04	-4.2035e-07	-8.3982e-06	0.0000e+00
256	0.0000e+00	0.0000e+00	-3.0415e-04	2.3360e-07	-6.8105e-06	0.0000e+00
257	0.0000e+00	0.0000e+00	-2.9249e-04	3.3414e-07	-5.7200e-06	0.0000e+00
258	0.0000e+00	0.0000e+00	-2.8185e-04	4.8858e-07	-5.6748e-06	0.0000e+00
259	0.0000e+00	0.0000e+00	-2.7599e-04	7.9859e-07	-5.9940e-06	0.0000e+00
260	0.0000e+00	0.0000e+00	-2.7976e-04	1.1125e-06	-6.1826e-06	0.0000e+00
261	0.0000e+00	0.0000e+00	-2.9934e-04	-1.2966e-06	-6.4883e-06	0.0000e+00
262	0.0000e+00	0.0000e+00	-3.3419e-04	-1.3368e-06	-7.5121e-06	0.0000e+00
263	0.0000e+00	0.0000e+00	-3.7533e-04	-1.3333e-06	-9.1234e-06	0.0000e+00
264	0.0000e+00	0.0000e+00	-4.1378e-04	1.4444e-06	-1.0250e-05	0.0000e+00
265	0.0000e+00	0.0000e+00	2.7619e-04	-2.1721e-06	-1.6888e-05	0.0000e+00
266	0.0000e+00	0.0000e+00	1.6693e-04	-2.6375e-06	-1.4275e-05	0.0000e+00
267	0.0000e+00	0.0000e+00	5.6843e-05	-2.2068e-06	-1.1360e-05	0.0000e+00
268	0.0000e+00	0.0000e+00	-1.5133e-05	-1.0531e-06	-9.2707e-06	0.0000e+00
269	0.0000e+00	0.0000e+00	-2.9555e-05	5.6867e-07	-8.5239e-06	0.0000e+00
270	0.0000e+00	0.0000e+00	3.6263e-05	2.0956e-06	-9.2296e-06	0.0000e+00
271	0.0000e+00	0.0000e+00	1.5346e-04	3.2790e-06	-1.1306e-05	0.0000e+00
272	0.0000e+00	0.0000e+00	3.1054e-04	3.7183e-06	-1.4343e-05	0.0000e+00
273	0.0000e+00	0.0000e+00	4.6660e-04	3.2005e-06	-1.7370e-05	0.0000e+00
274	0.0000e+00	0.0000e+00	5.8191e-04	1.9516e-06	-1.9122e-05	0.0000e+00
275	0.0000e+00	0.0000e+00	1.1343e-03	-4.4129e-06	-2.2245e-05	0.0000e+00
276	0.0000e+00	0.0000e+00	8.9897e-04	-5.9579e-06	-1.8824e-05	0.0000e+00
277	0.0000e+00	0.0000e+00	6.5297e-04	-5.0858e-06	-1.5355e-05	0.0000e+00
278	0.0000e+00	0.0000e+00	4.8369e-04	-2.6627e-06	-1.3030e-05	0.0000e+00
279	0.0000e+00	0.0000e+00	4.3449e-04	4.6290e-07	-1.2227e-05	0.0000e+00
280	0.0000e+00	0.0000e+00	5.1866e-04	3.5903e-06	-1.3018e-05	0.0000e+00
281	0.0000e+00	0.0000e+00	7.3010e-04	6.1552e-06	-1.5391e-05	0.0000e+00
282	0.0000e+00	0.0000e+00	1.0280e-03	7.2608e-06	-1.9049e-05	0.0000e+00
283	0.0000e+00	0.0000e+00	1.3273e-03	6.0316e-06	-2.2916e-05	0.0000e+00
284	0.0000e+00	0.0000e+00	1.5226e-03	2.7144e-06	-2.5063e-05	0.0000e+00
285	0.0000e+00	0.0000e+00	2.1177e-03	-7.6763e-06	-2.2333e-05	0.0000e+00
286	0.0000e+00	0.0000e+00	1.7145e-03	-9.9702e-06	-1.7781e-05	0.0000e+00
287	0.0000e+00	0.0000e+00	1.3144e-03	-8.0319e-06	-1.4254e-05	0.0000e+00
288	0.0000e+00	0.0000e+00	1.0491e-03	-4.1254e-06	-1.2346e-05	0.0000e+00
289	0.0000e+00	0.0000e+00	9.6861e-04	4.2918e-07	-1.1759e-05	0.0000e+00
290	0.0000e+00	0.0000e+00	1.0859e-03	5.0470e-06	-1.2343e-05	0.0000e+00
291	0.0000e+00	0.0000e+00	1.3953e-03	9.1808e-06	-1.4287e-05	0.0000e+00
292	0.0000e+00	0.0000e+00	1.8536e-03	1.1516e-05	-1.7937e-05	0.0000e+00
293	0.0000e+00	0.0000e+00	2.3367e-03	9.8140e-06	-2.2768e-05	0.0000e+00
294	0.0000e+00	0.0000e+00	2.6337e-03	3.3006e-06	-2.5471e-05	0.0000e+00
295	0.0000e+00	0.0000e+00	2.9430e-03	-1.2715e-05	-1.4498e-05	0.0000e+00

296	0.0000e+00	0.0000e+00	2.3330e-03	-1.3935e-05	-9.4045e-06	0.0000e+00
297	0.0000e+00	0.0000e+00	1.8122e-03	-9.9350e-06	-7.9322e-06	0.0000e+00
298	0.0000e+00	0.0000e+00	1.4938e-03	-4.8339e-06	-7.7061e-06	0.0000e+00
299	0.0000e+00	0.0000e+00	1.3987e-03	4.0872e-07	-7.7047e-06	0.0000e+00
300	0.0000e+00	0.0000e+00	1.5303e-03	5.7364e-06	-7.6491e-06	0.0000e+00
301	0.0000e+00	0.0000e+00	1.8931e-03	1.1102e-05	-7.8273e-06	0.0000e+00
302	0.0000e+00	0.0000e+00	2.4743e-03	1.5569e-05	-9.2687e-06	0.0000e+00
303	0.0000e+00	0.0000e+00	3.1704e-03	1.5063e-05	-1.4353e-05	0.0000e+00
304	0.0000e+00	0.0000e+00	3.5999e-03	3.4077e-06	-1.8155e-05	0.0000e+00
305	0.0000e+00	0.0000e+00	3.1390e-03	-1.9826e-05	8.1295e-06	0.0000e+00
306	0.0000e+00	0.0000e+00	2.4259e-03	-1.3909e-05	6.1371e-06	0.0000e+00
307	0.0000e+00	0.0000e+00	1.9491e-03	-8.6090e-06	1.8038e-06	0.0000e+00
308	0.0000e+00	0.0000e+00	1.6807e-03	-3.9888e-06	-1.1505e-06	0.0000e+00
309	0.0000e+00	0.0000e+00	1.6031e-03	3.5741e-07	-1.9142e-06	0.0000e+00
310	0.0000e+00	0.0000e+00	1.7130e-03	4.7889e-06	-1.0059e-06	0.0000e+00
311	0.0000e+00	0.0000e+00	2.0213e-03	9.6660e-06	2.1051e-06	0.0000e+00
312	0.0000e+00	0.0000e+00	2.5533e-03	1.5409e-05	6.6652e-06	0.0000e+00
313	0.0000e+00	0.0000e+00	3.3456e-03	2.1980e-05	8.9509e-06	0.0000e+00
314	0.0000e+00	0.0000e+00	3.9433e-03	2.8275e-06	4.6267e-06	0.0000e+00
315	0.0000e+00	0.0000e+00	1.9743e-03	-3.1162e-06	3.8830e-05	0.0000e+00
316	0.0000e+00	0.0000e+00	1.8237e-03	-3.6550e-06	1.9715e-05	0.0000e+00
317	0.0000e+00	0.0000e+00	1.6775e-03	-2.9507e-06	9.7313e-06	0.0000e+00
318	0.0000e+00	0.0000e+00	1.5784e-03	-1.5357e-06	5.1259e-06	0.0000e+00
319	0.0000e+00	0.0000e+00	1.5496e-03	2.4618e-07	3.8606e-06	0.0000e+00
320	0.0000e+00	0.0000e+00	1.6009e-03	2.1069e-06	5.4252e-06	0.0000e+00
321	0.0000e+00	0.0000e+00	1.7292e-03	3.7482e-06	1.0356e-05	0.0000e+00
322	0.0000e+00	0.0000e+00	1.9177e-03	4.8314e-06	2.0712e-05	0.0000e+00
323	0.0000e+00	0.0000e+00	2.1307e-03	4.8192e-06	4.0293e-05	0.0000e+00
324	0.0000e+00	0.0000e+00	4.0062e-03	-2.9237e-06	7.1059e-05	0.0000e+00
325	0.0000e+00	0.0000e+00	3.9824e-03	4.3052e-06	7.0065e-05	0.0000e+00
326	0.0000e+00	0.0000e+00	7.7650e-03	-7.8428e-06	1.0760e-04	0.0000e+00
327	0.0000e+00	0.0000e+00	3.9904e-03	2.8975e-06	6.6002e-05	0.0000e+00
328	0.0000e+00	0.0000e+00	7.3677e-03	-8.2811e-06	9.1475e-05	0.0000e+00
329	0.0000e+00	0.0000e+00	3.9360e-03	2.1551e-06	6.1266e-05	0.0000e+00
330	0.0000e+00	0.0000e+00	7.0061e-03	-6.8473e-06	8.1219e-05	0.0000e+00
331	0.0000e+00	0.0000e+00	3.8660e-03	-1.4498e-06	5.8015e-05	0.0000e+00
332	0.0000e+00	0.0000e+00	6.7460e-03	-4.2489e-06	7.5338e-05	0.0000e+00
333	0.0000e+00	0.0000e+00	3.8184e-03	-9.0896e-07	5.6704e-05	0.0000e+00
334	0.0000e+00	0.0000e+00	6.6248e-03	-1.2870e-06	7.3194e-05	0.0000e+00
335	0.0000e+00	0.0000e+00	3.8071e-03	-1.6467e-06	5.7411e-05	0.0000e+00
336	0.0000e+00	0.0000e+00	6.6548e-03	-2.4046e-06	7.4602e-05	0.0000e+00
337	0.0000e+00	0.0000e+00	3.8206e-03	-2.7256e-06	6.0044e-05	0.0000e+00
338	0.0000e+00	0.0000e+00	6.8240e-03	4.9478e-06	7.9718e-05	0.0000e+00
339	0.0000e+00	0.0000e+00	3.8237e-03	-3.9820e-06	6.4136e-05	0.0000e+00
340	0.0000e+00	0.0000e+00	7.0956e-03	6.3803e-06	8.9142e-05	0.0000e+00
341	0.0000e+00	0.0000e+00	3.7735e-03	-5.5096e-06	6.7520e-05	0.0000e+00
342	0.0000e+00	0.0000e+00	7.4052e-03	5.9818e-06	1.0433e-04	0.0000e+00
343	0.0000e+00	0.0000e+00	3.7611e-03	2.1124e-06	6.7609e-05	0.0000e+00
344	0.0000e+00	0.0000e+00	-1.8361e-03	-1.6875e-06	3.8527e-05	0.0000e+00
345	0.0000e+00	0.0000e+00	-1.8072e-03	3.2855e-06	3.8781e-05	0.0000e+00
346	0.0000e+00	0.0000e+00	-1.8310e-03	3.5515e-06	3.9318e-05	0.0000e+00
347	0.0000e+00	0.0000e+00	1.8477e-03	2.2608e-06	3.8726e-05	0.0000e+00
348	0.0000e+00	0.0000e+00	1.8449e-03	8.6390e-07	3.7930e-05	0.0000e+00
349	0.0000e+00	0.0000e+00	1.8313e-03	-6.0472e-07	3.7474e-05	0.0000e+00
350	0.0000e+00	0.0000e+00	1.8136e-03	-1.8891e-06	3.7523e-05	0.0000e+00
351	0.0000e+00	0.0000e+00	1.7891e-03	-3.2888e-06	3.7924e-05	0.0000e+00
352	0.0000e+00	0.0000e+00	-1.7539e-03	-4.4739e-06	3.8145e-05	0.0000e+00
353	0.0000e+00	0.0000e+00	-1.7223e-03	-3.9193e-06	3.7287e-05	0.0000e+00
354	0.0000e+00	0.0000e+00	-1.7429e-03	-1.3742e-06	3.6763e-05	0.0000e+00
355	0.0000e+00	0.0000e+00	-8.7503e-04	1.2233e-06	-1.6354e-05	0.0000e+00
356	0.0000e+00	0.0000e+00	-8.2824e-04	1.7314e-06	1.6787e-05	0.0000e+00
357	0.0000e+00	0.0000e+00	-7.8357e-04	2.2078e-06	1.7983e-05	0.0000e+00
358	0.0000e+00	0.0000e+00	-7.5041e-04	1.6264e-06	1.9047e-05	0.0000e+00
359	0.0000e+00	0.0000e+00	-7.2862e-04	6.7935e-07	1.9637e-05	0.0000e+00
360	0.0000e+00	0.0000e+00	-7.1836e-04	-4.0045e-07	1.9757e-05	0.0000e+00
361	0.0000e+00	0.0000e+00	-7.2201e-04	-1.3700e-06	1.9449e-05	0.0000e+00
362	0.0000e+00	0.0000e+00	-7.4188e-04	-2.3001e-06	1.8712e-05	0.0000e+00
363	0.0000e+00	0.0000e+00	-7.8049e-04	-2.7925e-06	1.7588e-05	0.0000e+00
364	0.0000e+00	0.0000e+00	-8.3337e-04	-2.0801e-06	-1.6445e-05	0.0000e+00
365	0.0000e+00	0.0000e+00	-8.7730e-04	-9.4915e-07	-1.6118e-05	0.0000e+00
366	0.0000e+00	0.0000e+00	-4.2962e-04	-1.3253e-06	-1.0482e-05	0.0000e+00
367	0.0000e+00	0.0000e+00	-3.9579e-04	1.1519e-06	-9.4642e-06	0.0000e+00

368	0.0000e+00	0.0000e+00	-3.5936e-04	1.0781e-06	-8.0888e-06	0.0000e+00
369	0.0000e+00	0.0000e+00	-3.2886e-04	9.2707e-07	-7.4123e-06	0.0000e+00
370	0.0000e+00	0.0000e+00	-3.1233e-04	-6.2540e-07	-7.4508e-06	0.0000e+00
371	0.0000e+00	0.0000e+00	-3.1161e-04	-2.9297e-07	-7.5699e-06	0.0000e+00
372	0.0000e+00	0.0000e+00	-3.2463e-04	-4.5007e-07	-7.4989e-06	0.0000e+00
373	0.0000e+00	0.0000e+00	-3.4971e-04	-7.3951e-07	-7.5667e-06	0.0000e+00
374	0.0000e+00	0.0000e+00	-3.8345e-04	-8.5588e-07	-8.3625e-06	0.0000e+00
375	0.0000e+00	0.0000e+00	-4.1708e-04	-7.6687e-07	-9.7323e-06	0.0000e+00
376	0.0000e+00	0.0000e+00	-4.3915e-04	7.8029e-07	-1.0568e-05	0.0000e+00
377	0.0000e+00	0.0000e+00	5.7850e-04	-1.9454e-06	-1.9101e-05	0.0000e+00
378	0.0000e+00	0.0000e+00	4.6435e-04	-3.1570e-06	-1.7331e-05	0.0000e+00
379	0.0000e+00	0.0000e+00	3.1141e-04	-3.6269e-06	-1.4292e-05	0.0000e+00
380	0.0000e+00	0.0000e+00	1.6023e-04	-3.1290e-06	-1.1264e-05	0.0000e+00
381	0.0000e+00	0.0000e+00	5.3871e-05	-1.8790e-06	-9.2182e-06	0.0000e+00
382	0.0000e+00	0.0000e+00	-3.1043e-05	-2.6250e-07	-8.5323e-06	0.0000e+00
383	0.0000e+00	0.0000e+00	-3.9380e-05	1.3313e-06	-9.2445e-06	0.0000e+00
384	0.0000e+00	0.0000e+00	1.1370e-04	2.4963e-06	-1.1273e-05	0.0000e+00
385	0.0000e+00	0.0000e+00	2.3278e-04	2.8611e-06	-1.4196e-05	0.0000e+00
386	0.0000e+00	0.0000e+00	3.4798e-04	2.2261e-06	-1.6989e-05	0.0000e+00
387	0.0000e+00	0.0000e+00	4.1745e-04	8.5940e-07	-1.8321e-05	0.0000e+00
388	0.0000e+00	0.0000e+00	1.5169e-03	-2.7450e-06	-2.5061e-05	0.0000e+00
389	0.0000e+00	0.0000e+00	1.3215e-03	-6.0363e-06	-2.2901e-05	0.0000e+00
390	0.0000e+00	0.0000e+00	1.0233e-03	-7.2362e-06	-1.9013e-05	0.0000e+00
391	0.0000e+00	0.0000e+00	7.2833e-04	-6.0927e-06	-1.5327e-05	0.0000e+00
392	0.0000e+00	0.0000e+00	5.2136e-04	-3.4795e-06	-1.2921e-05	0.0000e+00
393	0.0000e+00	0.0000e+00	4.4224e-04	-2.7801e-07	-1.2096e-05	0.0000e+00
394	0.0000e+00	0.0000e+00	4.9733e-04	2.8792e-06	-1.2871e-05	0.0000e+00
395	0.0000e+00	0.0000e+00	6.7546e-04	5.3580e-06	-1.5196e-05	0.0000e+00
396	0.0000e+00	0.0000e+00	9.3348e-04	6.2744e-06	-1.8736e-05	0.0000e+00
397	0.0000e+00	0.0000e+00	1.1828e-03	4.7552e-06	-2.2368e-05	0.0000e+00
398	0.0000e+00	0.0000e+00	1.3140e-03	1.0708e-06	-2.4117e-05	0.0000e+00
399	0.0000e+00	0.0000e+00	2.6288e-03	-3.3327e-06	-2.5509e-05	0.0000e+00
400	0.0000e+00	0.0000e+00	2.3315e-03	-9.8324e-06	-2.2809e-05	0.0000e+00
401	0.0000e+00	0.0000e+00	1.8488e-03	-1.1521e-05	-1.7967e-05	0.0000e+00
402	0.0000e+00	0.0000e+00	1.3922e-03	-9.1611e-06	-1.4295e-05	0.0000e+00
403	0.0000e+00	0.0000e+00	1.0858e-03	-4.9877e-06	-1.2319e-05	0.0000e+00
404	0.0000e+00	0.0000e+00	9.7273e-04	-3.0832e-07	-1.1700e-05	0.0000e+00
405	0.0000e+00	0.0000e+00	1.0589e-03	4.3186e-06	-1.2262e-05	0.0000e+00
406	0.0000e+00	0.0000e+00	1.3331e-03	8.3273e-06	-1.4169e-05	0.0000e+00
407	0.0000e+00	0.0000e+00	1.7475e-03	1.0399e-05	-1.7750e-05	0.0000e+00
408	0.0000e+00	0.0000e+00	2.1724e-03	8.2898e-06	-2.2444e-05	0.0000e+00
409	0.0000e+00	0.0000e+00	2.3911e-03	1.2362e-06	-2.4942e-05	0.0000e+00
410	0.0000e+00	0.0000e+00	3.5971e-03	-3.4226e-06	-1.8217e-05	0.0000e+00
411	0.0000e+00	0.0000e+00	3.1677e-03	-1.5079e-05	-1.4430e-05	0.0000e+00
412	0.0000e+00	0.0000e+00	2.4716e-03	-1.5588e-05	-9.3397e-06	0.0000e+00
413	0.0000e+00	0.0000e+00	1.8910e-03	-1.1110e-05	-7.8777e-06	0.0000e+00
414	0.0000e+00	0.0000e+00	1.5297e-03	-5.7129e-06	-7.6684e-06	0.0000e+00
415	0.0000e+00	0.0000e+00	1.4008e-03	-3.2852e-07	-7.6869e-06	0.0000e+00
416	0.0000e+00	0.0000e+00	1.5008e-03	5.0035e-06	-7.6525e-06	0.0000e+00
417	0.0000e+00	0.0000e+00	1.8281e-03	1.0237e-05	-7.8561e-06	0.0000e+00
418	0.0000e+00	0.0000e+00	2.3648e-03	1.4428e-05	-9.3398e-06	0.0000e+00
419	0.0000e+00	0.0000e+00	3.0008e-03	1.3459e-05	-1.4480e-05	0.0000e+00
420	0.0000e+00	0.0000e+00	3.3481e-03	1.2359e-06	-1.8345e-05	0.0000e+00
421	0.0000e+00	0.0000e+00	3.9431e-03	-2.8136e-06	4.5727e-06	0.0000e+00
422	0.0000e+00	0.0000e+00	3.3461e-03	-2.1994e-05	8.8743e-06	0.0000e+00
423	0.0000e+00	0.0000e+00	2.5534e-03	-1.5445e-05	6.6051e-06	0.0000e+00
424	0.0000e+00	0.0000e+00	2.0207e-03	-9.7016e-06	2.0851e-06	0.0000e+00
425	0.0000e+00	0.0000e+00	1.7122e-03	-4.8023e-06	-1.0494e-06	0.0000e+00
426	0.0000e+00	0.0000e+00	1.6032e-03	-3.2051e-07	-1.8953e-06	0.0000e+00
427	0.0000e+00	0.0000e+00	1.6840e-03	4.1168e-06	-1.1036e-06	0.0000e+00
428	0.0000e+00	0.0000e+00	1.9601e-03	8.8816e-06	1.9630e-06	0.0000e+00
429	0.0000e+00	0.0000e+00	2.4524e-03	1.4399e-05	6.3331e-06	0.0000e+00
430	0.0000e+00	0.0000e+00	3.1922e-03	2.0610e-05	8.3933e-06	0.0000e+00
431	0.0000e+00	0.0000e+00	3.7238e-03	1.0183e-06	3.2024e-06	0.0000e+00
432	0.0000e+00	0.0000e+00	2.1336e-03	-4.8477e-06	4.0272e-05	0.0000e+00
433	0.0000e+00	0.0000e+00	1.9193e-03	-4.8921e-06	2.0715e-05	0.0000e+00
434	0.0000e+00	0.0000e+00	1.7285e-03	-3.8204e-06	1.0399e-05	0.0000e+00
435	0.0000e+00	0.0000e+00	1.5977e-03	-2.1693e-06	5.5308e-06	0.0000e+00
436	0.0000e+00	0.0000e+00	1.5447e-03	-2.6987e-07	4.0414e-06	0.0000e+00
437	0.0000e+00	0.0000e+00	1.5740e-03	1.5966e-06	5.3780e-06	0.0000e+00
438	0.0000e+00	0.0000e+00	1.6782e-03	3.1526e-06	1.0060e-05	0.0000e+00
439	0.0000e+00	0.0000e+00	1.8369e-03	4.0731e-06	2.0128e-05	0.0000e+00

440	0.0000e+00	0.0000e+00	2.0116e-03	3.8400e-06	3.9413e-05	0.0000e+00
441	0.0000e+00	0.0000e+00	3.7516e-03	-2.1152e-06	6.7579e-05	0.0000e+00
442	0.0000e+00	0.0000e+00	3.7646e-03	5.5132e-06	6.7494e-05	0.0000e+00
443	0.0000e+00	0.0000e+00	7.3974e-03	-5.9799e-06	1.0431e-04	0.0000e+00
444	0.0000e+00	0.0000e+00	3.8157e-03	3.9743e-06	6.4109e-05	0.0000e+00
445	0.0000e+00	0.0000e+00	7.0880e-03	-6.3825e-06	8.9122e-05	0.0000e+00
446	0.0000e+00	0.0000e+00	3.8131e-03	2.7176e-06	6.0015e-05	0.0000e+00
447	0.0000e+00	0.0000e+00	6.8164e-03	-4.9567e-06	7.9694e-05	0.0000e+00
448	0.0000e+00	0.0000e+00	3.7997e-03	1.6456e-06	5.7379e-05	0.0000e+00
449	0.0000e+00	0.0000e+00	6.6467e-03	2.4234e-06	7.4574e-05	0.0000e+00
450	0.0000e+00	0.0000e+00	3.8104e-03	9.0212e-07	5.6667e-05	0.0000e+00
451	0.0000e+00	0.0000e+00	6.6160e-03	1.2838e-06	7.3163e-05	0.0000e+00
452	0.0000e+00	0.0000e+00	3.8571e-03	-1.4193e-06	5.7975e-05	0.0000e+00
453	0.0000e+00	0.0000e+00	6.7362e-03	4.2262e-06	7.5304e-05	0.0000e+00
454	0.0000e+00	0.0000e+00	3.9257e-03	-2.1070e-06	6.1221e-05	0.0000e+00
455	0.0000e+00	0.0000e+00	6.9951e-03	6.8191e-06	8.1185e-05	0.0000e+00
456	0.0000e+00	0.0000e+00	3.9784e-03	-2.8407e-06	6.5955e-05	0.0000e+00
457	0.0000e+00	0.0000e+00	7.3552e-03	8.2530e-06	9.1441e-05	0.0000e+00
458	0.0000e+00	0.0000e+00	3.9684e-03	-4.2556e-06	7.0013e-05	0.0000e+00
459	0.0000e+00	0.0000e+00	7.7514e-03	7.8223e-06	1.0757e-04	0.0000e+00
460	0.0000e+00	0.0000e+00	3.9906e-03	2.9055e-06	7.1005e-05	0.0000e+00
461	0.0000e+00	0.0000e+00	-1.7331e-03	1.3768e-06	3.6717e-05	0.0000e+00
462	0.0000e+00	0.0000e+00	-1.7130e-03	3.9210e-06	3.7245e-05	0.0000e+00
463	0.0000e+00	0.0000e+00	-1.7457e-03	4.4683e-06	3.8107e-05	0.0000e+00
464	0.0000e+00	0.0000e+00	1.7818e-03	3.2791e-06	3.7887e-05	0.0000e+00
465	0.0000e+00	0.0000e+00	1.8067e-03	1.8803e-06	3.7485e-05	0.0000e+00
466	0.0000e+00	0.0000e+00	1.8243e-03	5.9667e-07	3.7433e-05	0.0000e+00
467	0.0000e+00	0.0000e+00	1.8371e-03	-8.5114e-07	3.7884e-05	0.0000e+00
468	0.0000e+00	0.0000e+00	1.8385e-03	-2.2446e-06	3.8675e-05	0.0000e+00
469	0.0000e+00	0.0000e+00	-1.8200e-03	-3.5300e-06	3.9259e-05	0.0000e+00
470	0.0000e+00	0.0000e+00	-1.7941e-03	-3.2546e-06	3.8711e-05	0.0000e+00
471	0.0000e+00	0.0000e+00	-1.8212e-03	1.6636e-06	3.8449e-05	0.0000e+00
472	0.0000e+00	0.0000e+00	-8.6992e-04	9.4885e-07	-1.6052e-05	0.0000e+00
473	0.0000e+00	0.0000e+00	-8.2604e-04	2.0790e-06	-1.6381e-05	0.0000e+00
474	0.0000e+00	0.0000e+00	-7.7362e-04	2.7866e-06	1.7532e-05	0.0000e+00
475	0.0000e+00	0.0000e+00	-7.3565e-04	2.2907e-06	1.8662e-05	0.0000e+00
476	0.0000e+00	0.0000e+00	-7.1623e-04	1.3602e-06	1.9401e-05	0.0000e+00
477	0.0000e+00	0.0000e+00	-7.1265e-04	3.9165e-07	1.9708e-05	0.0000e+00
478	0.0000e+00	0.0000e+00	-7.2251e-04	-6.7650e-07	1.9583e-05	0.0000e+00
479	0.0000e+00	0.0000e+00	-7.4353e-04	-1.6190e-06	1.8984e-05	0.0000e+00
480	0.0000e+00	0.0000e+00	-7.7564e-04	-2.1939e-06	1.7905e-05	0.0000e+00
481	0.0000e+00	0.0000e+00	-8.1910e-04	-1.7077e-06	1.6689e-05	0.0000e+00
482	0.0000e+00	0.0000e+00	-8.6462e-04	-1.2067e-06	-1.6240e-05	0.0000e+00
483	0.0000e+00	0.0000e+00	-4.3518e-04	-7.7682e-07	-1.0514e-05	0.0000e+00
484	0.0000e+00	0.0000e+00	-4.1327e-04	7.6037e-07	-9.6738e-06	0.0000e+00
485	0.0000e+00	0.0000e+00	-3.7999e-04	8.4650e-07	-8.2976e-06	0.0000e+00
486	0.0000e+00	0.0000e+00	-3.4672e-04	7.2968e-07	-7.4989e-06	0.0000e+00
487	0.0000e+00	0.0000e+00	-3.2212e-04	4.4124e-07	-7.4328e-06	0.0000e+00
488	0.0000e+00	0.0000e+00	-3.0945e-04	2.8389e-07	-7.5033e-06	0.0000e+00
489	0.0000e+00	0.0000e+00	-3.1024e-04	6.1801e-07	-7.3781e-06	0.0000e+00
490	0.0000e+00	0.0000e+00	-3.2650e-04	-9.1822e-07	-7.3297e-06	0.0000e+00
491	0.0000e+00	0.0000e+00	-3.5646e-04	-1.0676e-06	-8.0005e-06	0.0000e+00
492	0.0000e+00	0.0000e+00	-3.9215e-04	-1.1427e-06	-9.3758e-06	0.0000e+00
493	0.0000e+00	0.0000e+00	-4.2517e-04	1.3225e-06	-1.0390e-05	0.0000e+00
494	0.0000e+00	0.0000e+00	4.1751e-04	-8.5405e-07	-1.8309e-05	0.0000e+00
495	0.0000e+00	0.0000e+00	3.4824e-04	-2.2225e-06	-1.6978e-05	0.0000e+00
496	0.0000e+00	0.0000e+00	2.3311e-04	-2.8611e-06	-1.4183e-05	0.0000e+00
497	0.0000e+00	0.0000e+00	1.1388e-04	-2.5002e-06	-1.1257e-05	0.0000e+00
498	0.0000e+00	0.0000e+00	-3.9255e-05	-1.3381e-06	-9.2236e-06	0.0000e+00
499	0.0000e+00	0.0000e+00	-3.1167e-05	2.5309e-07	-8.5080e-06	0.0000e+00
500	0.0000e+00	0.0000e+00	5.3592e-05	1.8712e-06	-9.1930e-06	0.0000e+00
501	0.0000e+00	0.0000e+00	1.5947e-04	3.1238e-06	-1.1239e-05	0.0000e+00
502	0.0000e+00	0.0000e+00	3.1044e-04	3.6256e-06	-1.4269e-05	0.0000e+00
503	0.0000e+00	0.0000e+00	4.6340e-04	3.1596e-06	-1.7309e-05	0.0000e+00
504	0.0000e+00	0.0000e+00	5.7771e-04	1.9502e-06	-1.9080e-05	0.0000e+00
505	0.0000e+00	0.0000e+00	1.3146e-03	-1.0633e-06	-2.4117e-05	0.0000e+00
506	0.0000e+00	0.0000e+00	1.1836e-03	-4.7511e-06	-2.2371e-05	0.0000e+00
507	0.0000e+00	0.0000e+00	9.3432e-04	-6.2757e-06	-1.8739e-05	0.0000e+00
508	0.0000e+00	0.0000e+00	6.7601e-04	-5.3646e-06	-1.5197e-05	0.0000e+00
509	0.0000e+00	0.0000e+00	4.9732e-04	-2.8893e-06	-1.2869e-05	0.0000e+00
510	0.0000e+00	0.0000e+00	4.4161e-04	2.6703e-07	-1.2091e-05	0.0000e+00
511	0.0000e+00	0.0000e+00	5.2027e-04	3.4696e-06	-1.2914e-05	0.0000e+00



512	0.0000e+00	0.0000e+00	7.2699e-04	6.0866e-06	-1.5317e-05	0.0000e+00
513	0.0000e+00	0.0000e+00	1.0220e-03	7.2358e-06	-1.9003e-05	0.0000e+00
514	0.0000e+00	0.0000e+00	1.3203e-03	6.0417e-06	-2.2892e-05	0.0000e+00
515	0.0000e+00	0.0000e+00	1.5161e-03	2.7537e-06	-2.5054e-05	0.0000e+00
516	0.0000e+00	0.0000e+00	2.3918e-03	-1.2240e-06	-2.4945e-05	0.0000e+00
517	0.0000e+00	0.0000e+00	2.1735e-03	-8.2832e-06	-2.2453e-05	0.0000e+00
518	0.0000e+00	0.0000e+00	1.7486e-03	-1.0401e-05	-1.7760e-05	0.0000e+00
519	0.0000e+00	0.0000e+00	1.3338e-03	-8.3367e-06	-1.4177e-05	0.0000e+00
520	0.0000e+00	0.0000e+00	1.0590e-03	-4.3323e-06	-1.2265e-05	0.0000e+00
521	0.0000e+00	0.0000e+00	9.7209e-04	2.9399e-07	-1.1700e-05	0.0000e+00
522	0.0000e+00	0.0000e+00	1.0845e-03	4.9745e-06	-1.2315e-05	0.0000e+00
523	0.0000e+00	0.0000e+00	1.3905e-03	9.1526e-06	-1.4286e-05	0.0000e+00
524	0.0000e+00	0.0000e+00	1.8470e-03	1.1520e-05	-1.7957e-05	0.0000e+00
525	0.0000e+00	0.0000e+00	2.3299e-03	9.8409e-06	-2.2800e-05	0.0000e+00
526	0.0000e+00	0.0000e+00	2.6278e-03	3.3464e-06	-2.5506e-05	0.0000e+00
527	0.0000e+00	0.0000e+00	3.3490e-03	-1.2142e-06	-1.8349e-05	0.0000e+00
528	0.0000e+00	0.0000e+00	3.0024e-03	-1.3449e-05	-1.4493e-05	0.0000e+00
529	0.0000e+00	0.0000e+00	2.3665e-03	-1.4431e-05	-9.3532e-06	0.0000e+00
530	0.0000e+00	0.0000e+00	1.8293e-03	-1.0251e-05	-7.8654e-06	0.0000e+00
531	0.0000e+00	0.0000e+00	1.5011e-03	-5.0217e-06	-7.6572e-06	0.0000e+00
532	0.0000e+00	0.0000e+00	1.4003e-03	3.0968e-07	-7.6871e-06	0.0000e+00
533	0.0000e+00	0.0000e+00	1.5283e-03	5.6950e-06	-7.6640e-06	0.0000e+00
534	0.0000e+00	0.0000e+00	1.8889e-03	1.1098e-05	-7.8683e-06	0.0000e+00
535	0.0000e+00	0.0000e+00	2.4693e-03	1.5586e-05	-9.3258e-06	0.0000e+00
536	0.0000e+00	0.0000e+00	3.1657e-03	1.5092e-05	-1.4416e-05	0.0000e+00
537	0.0000e+00	0.0000e+00	3.5960e-03	3.4458e-06	-1.8213e-05	0.0000e+00
538	0.0000e+00	0.0000e+00	3.7248e-03	-9.7868e-07	3.1994e-06	0.0000e+00
539	0.0000e+00	0.0000e+00	3.1945e-03	-2.0598e-05	8.3752e-06	0.0000e+00
540	0.0000e+00	0.0000e+00	2.4546e-03	-1.4408e-05	6.3213e-06	0.0000e+00
541	0.0000e+00	0.0000e+00	1.9617e-03	-8.8995e-06	1.9551e-06	0.0000e+00
542	0.0000e+00	0.0000e+00	1.6846e-03	-4.1391e-06	-1.1029e-06	0.0000e+00
543	0.0000e+00	0.0000e+00	1.6027e-03	2.9739e-07	-1.8930e-06	0.0000e+00
544	0.0000e+00	0.0000e+00	1.7107e-03	4.7799e-06	-1.0425e-06	0.0000e+00
545	0.0000e+00	0.0000e+00	2.0184e-03	9.6836e-06	2.0914e-06	0.0000e+00
546	0.0000e+00	0.0000e+00	2.5505e-03	1.5437e-05	6.6193e-06	0.0000e+00
547	0.0000e+00	0.0000e+00	3.3433e-03	2.2009e-05	8.8965e-06	0.0000e+00
548	0.0000e+00	0.0000e+00	3.9418e-03	2.8550e-06	4.5781e-06	0.0000e+00
549	0.0000e+00	0.0000e+00	2.0143e-03	-3.8312e-06	3.9414e-05	0.0000e+00
550	0.0000e+00	0.0000e+00	1.8394e-03	-4.0844e-06	2.0128e-05	0.0000e+00
551	0.0000e+00	0.0000e+00	1.6799e-03	-3.1726e-06	1.0060e-05	0.0000e+00
552	0.0000e+00	0.0000e+00	1.5747e-03	-1.6207e-06	5.3766e-06	0.0000e+00
553	0.0000e+00	0.0000e+00	1.5443e-03	2.4437e-07	4.0399e-06	0.0000e+00
554	0.0000e+00	0.0000e+00	1.5962e-03	2.1444e-06	5.5309e-06	0.0000e+00
555	0.0000e+00	0.0000e+00	1.7259e-03	3.7990e-06	1.0401e-05	0.0000e+00
556	0.0000e+00	0.0000e+00	1.9159e-03	4.8791e-06	2.0719e-05	0.0000e+00
557	0.0000e+00	0.0000e+00	2.1301e-03	4.8555e-06	4.0280e-05	0.0000e+00
558	0.0000e+00	0.0000e+00	3.8702e-03	-3.8113e-06	7.0119e-05	0.0000e+00
559	0.0000e+00	0.0000e+00	3.8089e-03	4.3858e-06	6.8829e-05	0.0000e+00
560	0.0000e+00	0.0000e+00	7.5509e-03	-9.1894e-06	1.0636e-04	0.0000e+00
561	0.0000e+00	0.0000e+00	3.7755e-03	3.6107e-06	6.4413e-05	0.0000e+00
562	0.0000e+00	0.0000e+00	7.0927e-03	-9.8698e-06	8.9799e-05	0.0000e+00
563	0.0000e+00	0.0000e+00	3.6691e-03	3.5603e-06	5.9255e-05	0.0000e+00
564	0.0000e+00	0.0000e+00	6.6584e-03	-8.7271e-06	7.9066e-05	0.0000e+00
565	0.0000e+00	0.0000e+00	3.5345e-03	3.2689e-06	5.5524e-05	0.0000e+00
566	0.0000e+00	0.0000e+00	6.3118e-03	-6.4221e-06	7.2655e-05	0.0000e+00
567	0.0000e+00	0.0000e+00	3.4090e-03	-2.6217e-06	5.3669e-05	0.0000e+00
568	0.0000e+00	0.0000e+00	6.0900e-03	-3.5338e-06	6.9925e-05	0.0000e+00
569	0.0000e+00	0.0000e+00	3.3075e-03	-2.1247e-06	5.3774e-05	0.0000e+00
570	0.0000e+00	0.0000e+00	6.0067e-03	7.0479e-07	7.0687e-05	0.0000e+00
571	0.0000e+00	0.0000e+00	3.2213e-03	-2.4233e-06	5.5745e-05	0.0000e+00
572	0.0000e+00	0.0000e+00	6.0541e-03	2.0831e-06	7.5089e-05	0.0000e+00
573	0.0000e+00	0.0000e+00	3.1214e-03	-3.7154e-06	5.9106e-05	0.0000e+00
574	0.0000e+00	0.0000e+00	6.2033e-03	3.6830e-06	8.3721e-05	0.0000e+00
575	0.0000e+00	0.0000e+00	2.9760e-03	-5.2715e-06	6.1632e-05	0.0000e+00
576	0.0000e+00	0.0000e+00	6.4021e-03	3.8229e-06	9.8010e-05	0.0000e+00
577	0.0000e+00	0.0000e+00	2.9110e-03	2.1302e-06	6.0863e-05	0.0000e+00
578	0.0000e+00	0.0000e+00	-1.7321e-03	2.2917e-06	3.7613e-05	0.0000e+00
579	0.0000e+00	0.0000e+00	-1.6766e-03	3.2958e-06	3.7613e-05	0.0000e+00
580	0.0000e+00	0.0000e+00	1.6721e-03	3.5258e-06	3.7880e-05	0.0000e+00
581	0.0000e+00	0.0000e+00	1.6530e-03	2.5150e-06	3.6958e-05	0.0000e+00
582	0.0000e+00	0.0000e+00	1.6035e-03	1.8154e-06	3.5768e-05	0.0000e+00
583	0.0000e+00	0.0000e+00	1.5311e-03	-1.8281e-06	3.4856e-05	0.0000e+00

584	0.0000e+00	0.0000e+00	1.4424e-03	-2.4893e-06	3.4390e-05	0.0000e+00
585	0.0000e+00	0.0000e+00	1.3373e-03	-3.5617e-06	3.4219e-05	0.0000e+00
586	0.0000e+00	0.0000e+00	-1.2183e-03	-4.4624e-06	3.3814e-05	0.0000e+00
587	0.0000e+00	0.0000e+00	-1.1153e-03	-3.3739e-06	3.2268e-05	0.0000e+00
588	0.0000e+00	0.0000e+00	-1.1012e-03	2.0491e-06	3.1136e-05	0.0000e+00
589	0.0000e+00	0.0000e+00	-8.1418e-04	1.5559e-06	1.5445e-05	0.0000e+00
590	0.0000e+00	0.0000e+00	-7.5297e-04	1.8325e-06	1.5665e-05	0.0000e+00
591	0.0000e+00	0.0000e+00	-6.8971e-04	2.2316e-06	1.6664e-05	0.0000e+00
592	0.0000e+00	0.0000e+00	-6.3150e-04	1.7686e-06	1.7494e-05	0.0000e+00
593	0.0000e+00	0.0000e+00	-5.7691e-04	1.2336e-06	1.7789e-05	0.0000e+00
594	0.0000e+00	0.0000e+00	-5.2623e-04	-1.2318e-06	1.7545e-05	0.0000e+00
595	0.0000e+00	0.0000e+00	-4.8492e-04	-1.7667e-06	1.6800e-05	0.0000e+00
596	0.0000e+00	0.0000e+00	-4.6363e-04	-2.4367e-06	1.5553e-05	0.0000e+00
597	0.0000e+00	0.0000e+00	-4.7525e-04	-2.6349e-06	1.3860e-05	0.0000e+00
598	0.0000e+00	0.0000e+00	-5.0912e-04	-1.3834e-06	1.2171e-05	0.0000e+00
599	0.0000e+00	0.0000e+00	-5.1398e-04	1.8189e-06	1.1548e-05	0.0000e+00
600	0.0000e+00	0.0000e+00	-4.0490e-04	-1.4422e-06	-1.0097e-05	0.0000e+00
601	0.0000e+00	0.0000e+00	-3.6619e-04	1.3323e-06	-8.9548e-06	0.0000e+00
602	0.0000e+00	0.0000e+00	-3.2499e-04	1.3395e-06	-7.3178e-06	0.0000e+00
603	0.0000e+00	0.0000e+00	-2.9017e-04	1.3075e-06	-6.2761e-06	0.0000e+00
604	0.0000e+00	0.0000e+00	-2.7074e-04	-1.1334e-06	-5.9681e-06	0.0000e+00
605	0.0000e+00	0.0000e+00	-2.6711e-04	-8.2720e-07	-5.7718e-06	0.0000e+00
606	0.0000e+00	0.0000e+00	-2.7280e-04	-5.1511e-07	-5.4276e-06	0.0000e+00
607	0.0000e+00	0.0000e+00	-2.8275e-04	-3.3615e-07	-5.4531e-06	0.0000e+00
608	0.0000e+00	0.0000e+00	-2.9330e-04	-2.0357e-07	-6.5659e-06	0.0000e+00
609	0.0000e+00	0.0000e+00	-2.9436e-04	4.0890e-07	-8.1856e-06	0.0000e+00
610	0.0000e+00	0.0000e+00	-2.6872e-04	1.4860e-06	-8.7853e-06	0.0000e+00
611	0.0000e+00	0.0000e+00	5.8270e-04	-1.9454e-06	-1.9089e-05	0.0000e+00
612	0.0000e+00	0.0000e+00	4.6760e-04	-3.1975e-06	-1.7334e-05	0.0000e+00
613	0.0000e+00	0.0000e+00	3.1153e-04	-3.7202e-06	-1.4301e-05	0.0000e+00
614	0.0000e+00	0.0000e+00	1.5413e-04	-3.2859e-06	-1.1254e-05	0.0000e+00
615	0.0000e+00	0.0000e+00	3.5718e-05	-2.1070e-06	-9.1668e-06	0.0000e+00
616	0.0000e+00	0.0000e+00	-2.8616e-05	-5.8814e-07	-8.4546e-06	0.0000e+00
617	0.0000e+00	0.0000e+00	-1.6158e-05	1.0493e-06	-9.2034e-06	0.0000e+00
618	0.0000e+00	0.0000e+00	5.7326e-05	2.2023e-06	-1.1300e-05	0.0000e+00
619	0.0000e+00	0.0000e+00	1.6685e-04	2.6359e-06	-1.4224e-05	0.0000e+00
620	0.0000e+00	0.0000e+00	2.7598e-04	2.1734e-06	-1.6844e-05	0.0000e+00
621	0.0000e+00	0.0000e+00	3.4936e-04	1.1133e-06	-1.7697e-05	0.0000e+00
622	0.0000e+00	0.0000e+00	1.5239e-03	-2.7061e-06	-2.5060e-05	0.0000e+00
623	0.0000e+00	0.0000e+00	1.3288e-03	-6.0283e-06	-2.2914e-05	0.0000e+00
624	0.0000e+00	0.0000e+00	1.0294e-03	-7.2638e-06	-1.9046e-05	0.0000e+00
625	0.0000e+00	0.0000e+00	7.3104e-04	-6.1637e-06	-1.5385e-05	0.0000e+00
626	0.0000e+00	0.0000e+00	5.1890e-04	-3.6020e-06	-1.3007e-05	0.0000e+00
627	0.0000e+00	0.0000e+00	4.3414e-04	-4.7843e-07	-1.2212e-05	0.0000e+00
628	0.0000e+00	0.0000e+00	4.8314e-04	2.6543e-06	-1.3013e-05	0.0000e+00
629	0.0000e+00	0.0000e+00	6.5242e-04	5.0811e-06	-1.5338e-05	0.0000e+00
630	0.0000e+00	0.0000e+00	8.9853e-04	5.9584e-06	-1.8809e-05	0.0000e+00
631	0.0000e+00	0.0000e+00	1.1341e-03	4.4177e-06	-2.2234e-05	0.0000e+00
632	0.0000e+00	0.0000e+00	1.2512e-03	7.3715e-07	-2.3513e-05	0.0000e+00
633	0.0000e+00	0.0000e+00	2.6352e-03	-3.2880e-06	-2.5478e-05	0.0000e+00
634	0.0000e+00	0.0000e+00	2.3385e-03	-9.8092e-06	-2.2780e-05	0.0000e+00
635	0.0000e+00	0.0000e+00	1.8552e-03	-1.1521e-05	-1.7948e-05	0.0000e+00
636	0.0000e+00	0.0000e+00	1.3963e-03	-9.1926e-06	-1.4295e-05	0.0000e+00
637	0.0000e+00	0.0000e+00	1.0860e-03	-5.0622e-06	-1.2346e-05	0.0000e+00
638	0.0000e+00	0.0000e+00	9.6803e-04	-4.4569e-07	-1.1757e-05	0.0000e+00
639	0.0000e+00	0.0000e+00	1.0481e-03	4.1137e-06	-1.2341e-05	0.0000e+00
640	0.0000e+00	0.0000e+00	1.3133e-03	8.0259e-06	-1.4246e-05	0.0000e+00
641	0.0000e+00	0.0000e+00	1.7135e-03	9.9721e-06	-1.7773e-05	0.0000e+00
642	0.0000e+00	0.0000e+00	2.1171e-03	7.6857e-06	-2.2328e-05	0.0000e+00
643	0.0000e+00	0.0000e+00	2.3048e-03	3.7592e-07	-2.4482e-05	0.0000e+00
644	0.0000e+00	0.0000e+00	3.6017e-03	-3.3859e-06	-1.8164e-05	0.0000e+00
645	0.0000e+00	0.0000e+00	3.1729e-03	-1.5056e-05	-1.4371e-05	0.0000e+00
646	0.0000e+00	0.0000e+00	2.4766e-03	-1.5577e-05	-9.2850e-06	0.0000e+00
647	0.0000e+00	0.0000e+00	1.8947e-03	-1.1119e-05	-7.8386e-06	0.0000e+00
648	0.0000e+00	0.0000e+00	1.5309e-03	-5.7563e-06	-7.6554e-06	0.0000e+00
649	0.0000e+00	0.0000e+00	1.3983e-03	-4.2881e-07	-7.7064e-06	0.0000e+00
650	0.0000e+00	0.0000e+00	1.4928e-03	4.8181e-06	-7.7033e-06	0.0000e+00
651	0.0000e+00	0.0000e+00	1.8109e-03	9.9259e-06	-7.9249e-06	0.0000e+00
652	0.0000e+00	0.0000e+00	2.3316e-03	1.3937e-05	-9.3938e-06	0.0000e+00
653	0.0000e+00	0.0000e+00	2.9422e-03	1.2731e-05	-1.4489e-05	0.0000e+00
654	0.0000e+00	0.0000e+00	3.2490e-03	5.9188e-08	-1.8250e-05	0.0000e+00
655	0.0000e+00	0.0000e+00	3.9455e-03	-2.7873e-06	4.6208e-06	0.0000e+00

656	0.0000e+00	0.0000e+00	3.3489e-03	-2.1973e-05	8.9307e-06	0.0000e+00
657	0.0000e+00	0.0000e+00	2.5563e-03	-1.5423e-05	6.6514e-06	0.0000e+00
658	0.0000e+00	0.0000e+00	2.0234e-03	-9.6875e-06	2.0915e-06	0.0000e+00
659	0.0000e+00	0.0000e+00	1.7140e-03	-4.8131e-06	-9.9360e-07	0.0000e+00
660	0.0000e+00	0.0000e+00	1.6030e-03	-3.8133e-07	-1.9050e-06	0.0000e+00
661	0.0000e+00	0.0000e+00	1.6798e-03	3.9684e-06	-1.1273e-06	0.0000e+00
662	0.0000e+00	0.0000e+00	1.9476e-03	8.5948e-06	1.7947e-06	0.0000e+00
663	0.0000e+00	0.0000e+00	2.4242e-03	1.3906e-05	6.1450e-06	0.0000e+00
664	0.0000e+00	0.0000e+00	3.1377e-03	1.9846e-05	8.1453e-06	0.0000e+00
665	0.0000e+00	0.0000e+00	3.6225e-03	-2.6836e-07	3.3514e-06	0.0000e+00
666	0.0000e+00	0.0000e+00	2.1343e-03	-4.8133e-06	4.0299e-05	0.0000e+00
667	0.0000e+00	0.0000e+00	1.9210e-03	-4.8464e-06	2.0713e-05	0.0000e+00
668	0.0000e+00	0.0000e+00	1.7316e-03	-3.7714e-06	1.0352e-05	0.0000e+00
669	0.0000e+00	0.0000e+00	1.6023e-03	-2.1331e-06	5.4153e-06	0.0000e+00
670	0.0000e+00	0.0000e+00	1.5499e-03	-2.7305e-07	3.8450e-06	0.0000e+00
671	0.0000e+00	0.0000e+00	1.5777e-03	1.5120e-06	5.1132e-06	0.0000e+00
672	0.0000e+00	0.0000e+00	1.6761e-03	2.9317e-06	9.7257e-06	0.0000e+00
673	0.0000e+00	0.0000e+00	1.8217e-03	3.6451e-06	1.9716e-05	0.0000e+00
674	0.0000e+00	0.0000e+00	1.9725e-03	3.1266e-06	3.8840e-05	0.0000e+00
675	0.0000e+00	0.0000e+00	3.1160e-03	9.7824e-06	6.1427e-05	0.0000e+00
676	0.0000e+00	0.0000e+00	6.5735e-03	1.1782e-06	9.9242e-05	0.0000e+00
677	0.0000e+00	0.0000e+00	3.4380e-03	9.5005e-06	5.9578e-05	0.0000e+00
678	0.0000e+00	0.0000e+00	6.5673e-03	1.8225e-06	8.4901e-05	0.0000e+00
679	0.0000e+00	0.0000e+00	3.7702e-03	9.6080e-06	5.6330e-05	0.0000e+00
680	0.0000e+00	0.0000e+00	6.6343e-03	3.9971e-06	7.5300e-05	0.0000e+00
681	0.0000e+00	0.0000e+00	4.1512e-03	1.1063e-05	5.3866e-05	0.0000e+00
682	0.0000e+00	0.0000e+00	6.8363e-03	7.6343e-06	6.9159e-05	0.0000e+00
683	0.0000e+00	0.0000e+00	4.6249e-03	1.3579e-05	5.2681e-05	0.0000e+00
684	0.0000e+00	0.0000e+00	7.2149e-03	1.2149e-05	6.5750e-05	0.0000e+00
685	0.0000e+00	0.0000e+00	5.2195e-03	1.6649e-05	5.2837e-05	0.0000e+00
686	0.0000e+00	0.0000e+00	7.7929e-03	1.6994e-05	6.4674e-05	0.0000e+00
687	0.0000e+00	0.0000e+00	5.9424e-03	1.9661e-05	5.4231e-05	0.0000e+00
688	0.0000e+00	0.0000e+00	8.5718e-03	2.1592e-05	6.5725e-05	0.0000e+00
689	0.0000e+00	0.0000e+00	6.7762e-03	2.1927e-05	5.6630e-05	0.0000e+00
690	0.0000e+00	0.0000e+00	9.5298e-03	2.5293e-05	6.8891e-05	0.0000e+00
691	0.0000e+00	0.0000e+00	7.6803e-03	2.3009e-05	5.9202e-05	0.0000e+00
692	0.0000e+00	0.0000e+00	1.0617e-02	2.7345e-05	7.4432e-05	0.0000e+00
693	0.0000e+00	0.0000e+00	8.6279e-03	2.4368e-05	6.2536e-05	0.0000e+00
694	0.0000e+00	0.0000e+00	-1.2214e-03	7.4280e-06	3.2397e-05	0.0000e+00
695	0.0000e+00	0.0000e+00	1.4748e-03	9.7734e-06	3.4199e-05	0.0000e+00
696	0.0000e+00	0.0000e+00	1.8128e-03	1.0631e-05	3.5071e-05	0.0000e+00
697	0.0000e+00	0.0000e+00	2.2142e-03	1.1657e-05	3.5616e-05	0.0000e+00
698	0.0000e+00	0.0000e+00	2.6886e-03	1.3326e-05	3.6316e-05	0.0000e+00
699	0.0000e+00	0.0000e+00	3.2525e-03	1.5490e-05	3.7375e-05	0.0000e+00
700	0.0000e+00	0.0000e+00	3.9133e-03	1.7759e-05	3.8770e-05	0.0000e+00
701	0.0000e+00	0.0000e+00	4.6638e-03	1.9726e-05	4.0316e-05	0.0000e+00
702	0.0000e+00	0.0000e+00	5.4849e-03	2.1221e-05	4.1527e-05	0.0000e+00
703	0.0000e+00	0.0000e+00	6.3544e-03	2.2141e-05	4.4026e-05	0.0000e+00
704	0.0000e+00	0.0000e+00	-4.8842e-04	5.0360e-06	1.2464e-05	0.0000e+00
705	0.0000e+00	0.0000e+00	-5.3600e-04	7.2579e-06	1.4443e-05	0.0000e+00
706	0.0000e+00	0.0000e+00	7.3273e-04	8.6730e-06	1.6690e-05	0.0000e+00
707	0.0000e+00	0.0000e+00	1.0482e-03	1.0035e-05	1.8773e-05	0.0000e+00
708	0.0000e+00	0.0000e+00	1.4568e-03	1.1787e-05	2.0624e-05	0.0000e+00
709	0.0000e+00	0.0000e+00	1.9585e-03	1.3937e-05	2.2271e-05	0.0000e+00
710	0.0000e+00	0.0000e+00	2.5571e-03	1.6244e-05	2.3717e-05	0.0000e+00
711	0.0000e+00	0.0000e+00	3.2489e-03	1.8387e-05	2.4971e-05	0.0000e+00
712	0.0000e+00	0.0000e+00	4.0180e-03	2.0002e-05	2.5929e-05	0.0000e+00
713	0.0000e+00	0.0000e+00	4.8281e-03	2.0332e-05	2.8477e-05	0.0000e+00
714	0.0000e+00	0.0000e+00	-2.2144e-04	2.7439e-06	-7.8055e-06	0.0000e+00
715	0.0000e+00	0.0000e+00	-2.0346e-04	4.0247e-06	-6.1117e-06	0.0000e+00
716	0.0000e+00	0.0000e+00	-3.0566e-04	5.4316e-06	-5.3887e-06	0.0000e+00
717	0.0000e+00	0.0000e+00	5.2582e-04	7.2081e-06	-6.4900e-06	0.0000e+00
718	0.0000e+00	0.0000e+00	8.4599e-04	9.4615e-06	8.3515e-06	0.0000e+00
719	0.0000e+00	0.0000e+00	1.2713e-03	1.2083e-05	1.0136e-05	0.0000e+00
720	0.0000e+00	0.0000e+00	1.8073e-03	1.4797e-05	1.1609e-05	0.0000e+00
721	0.0000e+00	0.0000e+00	2.4481e-03	1.7209e-05	1.2829e-05	0.0000e+00
722	0.0000e+00	0.0000e+00	3.1709e-03	1.8789e-05	1.3801e-05	0.0000e+00
723	0.0000e+00	0.0000e+00	3.9250e-03	1.8681e-05	1.6442e-05	0.0000e+00
724	0.0000e+00	0.0000e+00	3.7660e-04	3.5715e-07	-1.6316e-05	0.0000e+00
725	0.0000e+00	0.0000e+00	3.8784e-04	4.4229e-07	-1.3347e-05	0.0000e+00
726	0.0000e+00	0.0000e+00	4.2332e-04	1.6037e-06	-9.7875e-06	0.0000e+00
727	0.0000e+00	0.0000e+00	5.2690e-04	3.7916e-06	-6.6060e-06	0.0000e+00

728	0.0000e+00	0.0000e+00	7.3448e-04	6.7258e-06	-4.5454e-06	0.0000e+00
729	0.0000e+00	0.0000e+00	1.0687e-03	1.0048e-05	-4.0367e-06	0.0000e+00
730	0.0000e+00	0.0000e+00	1.5367e-03	1.3336e-05	-4.5915e-06	0.0000e+00
731	0.0000e+00	0.0000e+00	2.1267e-03	1.6064e-05	-5.4670e-06	0.0000e+00
732	0.0000e+00	0.0000e+00	2.8034e-03	1.7572e-05	-6.3252e-06	0.0000e+00
733	0.0000e+00	0.0000e+00	3.5006e-03	1.7030e-05	-8.5717e-06	0.0000e+00
734	0.0000e+00	0.0000e+00	1.2121e-03	-2.4782e-06	-2.1772e-05	0.0000e+00
735	0.0000e+00	0.0000e+00	1.0792e-03	-3.7790e-06	-1.8078e-05	0.0000e+00
736	0.0000e+00	0.0000e+00	9.4194e-04	-2.7717e-06	-1.3894e-05	0.0000e+00
737	0.0000e+00	0.0000e+00	8.8230e-04	-6.1372e-07	-1.0207e-05	0.0000e+00
738	0.0000e+00	0.0000e+00	9.5388e-04	3.8706e-06	-7.3679e-06	0.0000e+00
739	0.0000e+00	0.0000e+00	1.1842e-03	7.9568e-06	-5.4306e-06	0.0000e+00
740	0.0000e+00	0.0000e+00	1.5778e-03	1.1874e-05	-4.3745e-06	0.0000e+00
741	0.0000e+00	0.0000e+00	2.1147e-03	1.4957e-05	-4.0449e-06	0.0000e+00
742	0.0000e+00	0.0000e+00	2.7450e-03	1.6382e-05	-4.2436e-06	0.0000e+00
743	0.0000e+00	0.0000e+00	3.3819e-03	1.5239e-05	-4.9516e-06	0.0000e+00
744	0.0000e+00	0.0000e+00	2.1791e-03	-6.2227e-06	-2.2019e-05	0.0000e+00
745	0.0000e+00	0.0000e+00	1.8670e-03	-8.7057e-06	-1.7286e-05	0.0000e+00
746	0.0000e+00	0.0000e+00	1.5429e-03	-7.2081e-06	-1.2919e-05	0.0000e+00
747	0.0000e+00	0.0000e+00	1.3274e-03	-3.5325e-06	-9.6147e-06	0.0000e+00
748	0.0000e+00	0.0000e+00	1.2772e-03	1.2864e-06	-7.1404e-06	0.0000e+00
749	0.0000e+00	0.0000e+00	1.4121e-03	5.9003e-06	-5.2196e-06	0.0000e+00
750	0.0000e+00	0.0000e+00	1.7316e-03	1.0332e-05	-3.7916e-06	0.0000e+00
751	0.0000e+00	0.0000e+00	2.2119e-03	1.3779e-05	-2.9558e-06	0.0000e+00
752	0.0000e+00	0.0000e+00	2.7932e-03	1.5146e-05	-2.8866e-06	0.0000e+00
753	0.0000e+00	0.0000e+00	3.3628e-03	1.3114e-05	-4.1419e-06	0.0000e+00
754	0.0000e+00	0.0000e+00	2.9953e-03	-1.1689e-05	-1.4382e-05	0.0000e+00
755	0.0000e+00	0.0000e+00	2.4640e-03	-1.3864e-05	-8.8933e-06	0.0000e+00
756	0.0000e+00	0.0000e+00	1.9772e-03	-1.0630e-05	-6.2475e-06	0.0000e+00
757	0.0000e+00	0.0000e+00	1.6519e-03	-5.9261e-06	-4.7789e-06	0.0000e+00
758	0.0000e+00	0.0000e+00	1.5161e-03	-1.1215e-06	-3.4618e-06	0.0000e+00
759	0.0000e+00	0.0000e+00	1.5708e-03	3.8720e-06	-1.8717e-06	0.0000e+00
760	0.0000e+00	0.0000e+00	1.8093e-03	8.3510e-06	-8.9747e-07	0.0000e+00
761	0.0000e+00	0.0000e+00	2.2124e-03	1.2038e-05	2.8283e-06	0.0000e+00
762	0.0000e+00	0.0000e+00	2.7256e-03	1.3553e-05	4.5142e-06	0.0000e+00
763	0.0000e+00	0.0000e+00	3.2101e-03	1.0354e-05	9.1666e-06	0.0000e+00
764	0.0000e+00	0.0000e+00	3.1949e-03	-2.0018e-05	7.8399e-06	0.0000e+00
765	0.0000e+00	0.0000e+00	2.5111e-03	-1.5349e-05	7.9276e-06	0.0000e+00
766	0.0000e+00	0.0000e+00	2.0174e-03	-1.0353e-05	4.6092e-06	0.0000e+00
767	0.0000e+00	0.0000e+00	1.7008e-03	-5.9955e-06	2.5865e-06	0.0000e+00
768	0.0000e+00	0.0000e+00	1.5439e-03	-2.0779e-06	2.2263e-06	0.0000e+00
769	0.0000e+00	0.0000e+00	1.5354e-03	1.7429e-06	3.5183e-06	0.0000e+00
770	0.0000e+00	0.0000e+00	1.6689e-03	5.2615e-06	6.3340e-06	0.0000e+00
771	0.0000e+00	0.0000e+00	1.9360e-03	8.4951e-06	1.0505e-05	0.0000e+00
772	0.0000e+00	0.0000e+00	2.3121e-03	1.0642e-05	1.4763e-05	0.0000e+00
773	0.0000e+00	0.0000e+00	2.6658e-03	6.5409e-06	2.1648e-05	0.0000e+00
774	0.0000e+00	0.0000e+00	1.9497e-03	-3.9611e-06	4.2201e-05	0.0000e+00
775	0.0000e+00	0.0000e+00	1.7755e-03	-4.7296e-06	2.4050e-05	0.0000e+00
776	0.0000e+00	0.0000e+00	1.5920e-03	-4.4430e-06	1.3851e-05	0.0000e+00
777	0.0000e+00	0.0000e+00	1.4326e-03	-3.5199e-06	9.2032e-06	0.0000e+00
778	0.0000e+00	0.0000e+00	1.3171e-03	-2.2329e-06	7.8934e-06	0.0000e+00
779	0.0000e+00	0.0000e+00	1.2557e-03	-8.4959e-07	9.1174e-06	0.0000e+00
780	0.0000e+00	0.0000e+00	1.2509e-03	8.4992e-07	1.2602e-05	0.0000e+00
781	0.0000e+00	0.0000e+00	1.2968e-03	1.9293e-06	1.8499e-05	0.0000e+00
782	0.0000e+00	0.0000e+00	1.3754e-03	2.4476e-06	2.6555e-05	0.0000e+00
783	0.0000e+00	0.0000e+00	3.9559e-03	7.8286e-06	6.9429e-05	0.0000e+00
784	0.0000e+00	0.0000e+00	7.6796e-03	1.4177e-07	1.0693e-04	0.0000e+00
785	0.0000e+00	0.0000e+00	4.1741e-03	5.2288e-06	6.8057e-05	0.0000e+00
786	0.0000e+00	0.0000e+00	7.6354e-03	-5.9885e-07	9.4474e-05	0.0000e+00
787	0.0000e+00	0.0000e+00	4.3076e-03	2.7973e-06	6.6018e-05	0.0000e+00
788	0.0000e+00	0.0000e+00	7.6039e-03	6.3127e-08	8.8008e-05	0.0000e+00
789	0.0000e+00	0.0000e+00	4.3795e-03	1.0713e-06	6.5482e-05	0.0000e+00
790	0.0000e+00	0.0000e+00	7.6321e-03	1.5018e-06	8.6263e-05	0.0000e+00
791	0.0000e+00	0.0000e+00	4.4021e-03	-1.4570e-06	6.6819e-05	0.0000e+00
792	0.0000e+00	0.0000e+00	7.7356e-03	2.9376e-06	8.8909e-05	0.0000e+00
793	0.0000e+00	0.0000e+00	4.3635e-03	-3.6650e-06	6.9673e-05	0.0000e+00
794	0.0000e+00	0.0000e+00	7.9002e-03	3.6692e-06	9.6297e-05	0.0000e+00
795	0.0000e+00	0.0000e+00	4.2404e-03	-6.1569e-06	7.1898e-05	0.0000e+00
796	0.0000e+00	0.0000e+00	8.0796e-03	2.9281e-06	1.0972e-04	0.0000e+00
797	0.0000e+00	0.0000e+00	4.1392e-03	7.6515e-08	7.1007e-05	0.0000e+00
798	0.0000e+00	0.0000e+00	-1.8409e-03	5.1207e-06	3.8456e-05	0.0000e+00
799	0.0000e+00	0.0000e+00	-1.9816e-03	5.1456e-06	4.0434e-05	0.0000e+00

800	0.0000e+00	0.0000e+00	-2.0984e-03	3.0943e-06	4.1224e-05	0.0000e+00
801	0.0000e+00	0.0000e+00	2.1602e-03	7.1797e-07	4.1596e-05	0.0000e+00
802	0.0000e+00	0.0000e+00	-2.1600e-03	-2.0223e-06	4.1852e-05	0.0000e+00
803	0.0000e+00	0.0000e+00	-2.1036e-03	-4.0611e-06	4.1691e-05	0.0000e+00
804	0.0000e+00	0.0000e+00	-2.0200e-03	-4.0673e-06	4.0338e-05	0.0000e+00
805	0.0000e+00	0.0000e+00	-1.9784e-03	5.1139e-08	3.9251e-05	0.0000e+00
806	0.0000e+00	0.0000e+00	-8.9892e-04	2.7838e-06	-1.7015e-05	0.0000e+00
807	0.0000e+00	0.0000e+00	-9.2031e-04	3.1470e-06	1.8590e-05	0.0000e+00
808	0.0000e+00	0.0000e+00	-9.5035e-04	2.0571e-06	1.9912e-05	0.0000e+00
809	0.0000e+00	0.0000e+00	-9.7441e-04	4.5495e-07	2.0529e-05	0.0000e+00
810	0.0000e+00	0.0000e+00	-9.8291e-04	-1.3898e-06	2.0346e-05	0.0000e+00
811	0.0000e+00	0.0000e+00	-9.8149e-04	-2.4644e-06	1.9436e-05	0.0000e+00
812	0.0000e+00	0.0000e+00	-9.8289e-04	-2.0976e-06	-1.8225e-05	0.0000e+00
813	0.0000e+00	0.0000e+00	-9.8592e-04	3.0362e-08	-1.7642e-05	0.0000e+00
814	0.0000e+00	0.0000e+00	-4.4598e-04	1.0440e-06	-1.0228e-05	0.0000e+00
815	0.0000e+00	0.0000e+00	-4.4552e-04	1.0235e-06	-9.3700e-06	0.0000e+00
816	0.0000e+00	0.0000e+00	-4.4628e-04	6.8546e-07	-8.8852e-06	0.0000e+00
817	0.0000e+00	0.0000e+00	-4.5152e-04	2.7932e-07	-8.8390e-06	0.0000e+00
818	0.0000e+00	0.0000e+00	-4.6147e-04	-3.5194e-07	-9.0203e-06	0.0000e+00
819	0.0000e+00	0.0000e+00	-4.7456e-04	-5.9862e-07	-9.5641e-06	0.0000e+00
820	0.0000e+00	0.0000e+00	-4.8693e-04	-5.0058e-07	-1.0444e-05	0.0000e+00
821	0.0000e+00	0.0000e+00	-4.9214e-04	1.4707e-08	-1.0916e-05	0.0000e+00
822	0.0000e+00	0.0000e+00	4.2406e-04	-5.7222e-07	-1.7588e-05	0.0000e+00
823	0.0000e+00	0.0000e+00	3.8701e-04	-1.1405e-06	-1.5561e-05	0.0000e+00
824	0.0000e+00	0.0000e+00	3.4529e-04	-7.9742e-07	-1.3650e-05	0.0000e+00
825	0.0000e+00	0.0000e+00	3.3229e-04	1.7341e-07	-1.2888e-05	0.0000e+00
826	0.0000e+00	0.0000e+00	3.6103e-04	1.1333e-06	-1.3605e-05	0.0000e+00
827	0.0000e+00	0.0000e+00	4.2133e-04	1.5763e-06	-1.5492e-05	0.0000e+00
828	0.0000e+00	0.0000e+00	4.8270e-04	1.1446e-06	-1.7566e-05	0.0000e+00
829	0.0000e+00	0.0000e+00	5.0879e-04	3.4957e-09	-1.8482e-05	0.0000e+00
830	0.0000e+00	0.0000e+00	1.2762e-03	-2.5202e-06	-2.2898e-05	0.0000e+00
831	0.0000e+00	0.0000e+00	1.1288e-03	-3.7729e-06	-1.9955e-05	0.0000e+00
832	0.0000e+00	0.0000e+00	9.8407e-04	-2.5346e-06	-1.7370e-05	0.0000e+00
833	0.0000e+00	0.0000e+00	9.2865e-04	1.1511e-07	-1.6379e-05	0.0000e+00
834	0.0000e+00	0.0000e+00	9.9401e-04	2.8010e-06	-1.7330e-05	0.0000e+00
835	0.0000e+00	0.0000e+00	1.1533e-03	4.1965e-06	-1.9903e-05	0.0000e+00
836	0.0000e+00	0.0000e+00	1.3244e-03	3.2055e-06	-2.2900e-05	0.0000e+00
837	0.0000e+00	0.0000e+00	1.3995e-03	6.1144e-10	-2.4288e-05	0.0000e+00
838	0.0000e+00	0.0000e+00	2.2830e-03	-5.6292e-06	-2.2685e-05	0.0000e+00
839	0.0000e+00	0.0000e+00	1.9827e-03	-7.3083e-06	-1.8328e-05	0.0000e+00
840	0.0000e+00	0.0000e+00	1.7149e-03	-4.5958e-06	-1.5253e-05	0.0000e+00
841	0.0000e+00	0.0000e+00	1.6145e-03	7.8615e-08	-1.4220e-05	0.0000e+00
842	0.0000e+00	0.0000e+00	1.7226e-03	4.8174e-06	-1.5196e-05	0.0000e+00
843	0.0000e+00	0.0000e+00	2.0038e-03	7.7284e-06	-1.8233e-05	0.0000e+00
844	0.0000e+00	0.0000e+00	2.3290e-03	6.3851e-06	-2.2591e-05	0.0000e+00
845	0.0000e+00	0.0000e+00	2.4797e-03	4.9170e-09	-2.4912e-05	0.0000e+00
846	0.0000e+00	0.0000e+00	3.1132e-03	-1.0769e-05	-1.4295e-05	0.0000e+00
847	0.0000e+00	0.0000e+00	2.6052e-03	-1.1286e-05	-8.9266e-06	0.0000e+00
848	0.0000e+00	0.0000e+00	2.2217e-03	-6.2915e-06	-7.1551e-06	0.0000e+00
849	0.0000e+00	0.0000e+00	2.0866e-03	3.5925e-08	-6.7503e-06	0.0000e+00
850	0.0000e+00	0.0000e+00	2.2260e-03	6.4370e-06	-7.0499e-06	0.0000e+00
851	0.0000e+00	0.0000e+00	2.6199e-03	1.1649e-05	-8.7209e-06	0.0000e+00
852	0.0000e+00	0.0000e+00	3.1511e-03	1.1498e-05	-1.3996e-05	0.0000e+00
853	0.0000e+00	0.0000e+00	3.4282e-03	4.2197e-09	-1.7955e-05	0.0000e+00
854	0.0000e+00	0.0000e+00	3.2877e-03	-1.8427e-05	8.9704e-06	0.0000e+00
855	0.0000e+00	0.0000e+00	2.6519e-03	-1.1898e-05	7.7727e-06	0.0000e+00
856	0.0000e+00	0.0000e+00	2.2824e-03	-5.7418e-06	4.4547e-06	0.0000e+00
857	0.0000e+00	0.0000e+00	2.1608e-03	-3.0781e-08	3.3119e-06	0.0000e+00
858	0.0000e+00	0.0000e+00	2.2809e-03	5.7515e-06	4.6194e-06	0.0000e+00
859	0.0000e+00	0.0000e+00	2.6548e-03	1.2121e-05	8.1121e-06	0.0000e+00
860	0.0000e+00	0.0000e+00	3.3075e-03	1.9000e-05	9.5029e-06	0.0000e+00
861	0.0000e+00	0.0000e+00	3.7779e-03	7.7591e-09	3.9877e-06	0.0000e+00
862	0.0000e+00	0.0000e+00	2.0701e-03	-2.4845e-06	4.0439e-05	0.0000e+00
863	0.0000e+00	0.0000e+00	1.9566e-03	-2.6356e-06	2.2229e-05	0.0000e+00
864	0.0000e+00	0.0000e+00	1.8623e-03	-1.6452e-06	1.3623e-05	0.0000e+00
865	0.0000e+00	0.0000e+00	1.8233e-03	-1.2758e-07	1.1260e-05	0.0000e+00
866	0.0000e+00	0.0000e+00	1.8523e-03	1.4554e-06	1.3844e-05	0.0000e+00
867	0.0000e+00	0.0000e+00	1.9421e-03	2.6399e-06	2.2686e-05	0.0000e+00
868	0.0000e+00	0.0000e+00	2.0621e-03	2.7966e-06	4.1161e-05	0.0000e+00
869	0.0000e+00	0.0000e+00	4.2395e-03	6.1774e-06	7.1899e-05	0.0000e+00
870	0.0000e+00	0.0000e+00	8.0789e-03	-2.9522e-06	1.0972e-04	0.0000e+00
871	0.0000e+00	0.0000e+00	4.3616e-03	3.6902e-06	6.9669e-05	0.0000e+00

872	0.0000e+00	0.0000e+00	7.8986e-03	-3.7016e-06	9.6294e-05	0.0000e+00
873	0.0000e+00	0.0000e+00	4.3990e-03	1.5005e-06	6.6810e-05	0.0000e+00
874	0.0000e+00	0.0000e+00	7.7327e-03	-2.9742e-06	8.8902e-05	0.0000e+00
875	0.0000e+00	0.0000e+00	4.3751e-03	-1.1020e-06	6.5467e-05	0.0000e+00
876	0.0000e+00	0.0000e+00	7.6277e-03	-1.5380e-06	8.6252e-05	0.0000e+00
877	0.0000e+00	0.0000e+00	4.3018e-03	-2.7979e-06	6.5998e-05	0.0000e+00
878	0.0000e+00	0.0000e+00	7.5981e-03	-3.4140e-08	8.7993e-05	0.0000e+00
879	0.0000e+00	0.0000e+00	4.1668e-03	-5.2237e-06	6.8031e-05	0.0000e+00
880	0.0000e+00	0.0000e+00	7.6284e-03	5.6344e-07	9.4457e-05	0.0000e+00
881	0.0000e+00	0.0000e+00	3.9471e-03	-7.8210e-06	6.9400e-05	0.0000e+00
882	0.0000e+00	0.0000e+00	7.6717e-03	-1.7564e-07	1.0691e-04	0.0000e+00
883	0.0000e+00	0.0000e+00	-2.0189e-03	4.0806e-06	4.0335e-05	0.0000e+00
884	0.0000e+00	0.0000e+00	-2.1014e-03	4.0726e-06	4.1684e-05	0.0000e+00
885	0.0000e+00	0.0000e+00	-2.1568e-03	2.0367e-06	4.1839e-05	0.0000e+00
886	0.0000e+00	0.0000e+00	2.1558e-03	-7.4095e-07	4.1577e-05	0.0000e+00
887	0.0000e+00	0.0000e+00	-2.0926e-03	-3.0957e-06	4.1197e-05	0.0000e+00
888	0.0000e+00	0.0000e+00	-1.9743e-03	-5.1433e-06	4.0401e-05	0.0000e+00
889	0.0000e+00	0.0000e+00	-1.8320e-03	-5.1165e-06	3.8415e-05	0.0000e+00
890	0.0000e+00	0.0000e+00	-9.8186e-04	2.1068e-06	-1.8218e-05	0.0000e+00
891	0.0000e+00	0.0000e+00	-9.7950e-04	2.4721e-06	1.9422e-05	0.0000e+00
892	0.0000e+00	0.0000e+00	-9.7997e-04	1.3984e-06	2.0326e-05	0.0000e+00
893	0.0000e+00	0.0000e+00	-9.7047e-04	-4.7060e-07	2.0502e-05	0.0000e+00
894	0.0000e+00	0.0000e+00	-9.4530e-04	-2.0584e-06	1.9876e-05	0.0000e+00
895	0.0000e+00	0.0000e+00	-9.1416e-04	-3.1456e-06	1.8543e-05	0.0000e+00
896	0.0000e+00	0.0000e+00	-8.9192e-04	-2.7813e-06	-1.6955e-05	0.0000e+00
897	0.0000e+00	0.0000e+00	-4.8630e-04	5.0987e-07	-1.0436e-05	0.0000e+00
898	0.0000e+00	0.0000e+00	-4.7331e-04	6.0753e-07	-9.5470e-06	0.0000e+00
899	0.0000e+00	0.0000e+00	-4.5960e-04	3.6325e-07	-8.9935e-06	0.0000e+00
900	0.0000e+00	0.0000e+00	-4.4902e-04	-2.8865e-07	-8.8029e-06	0.0000e+00
901	0.0000e+00	0.0000e+00	-4.4318e-04	-6.8707e-07	-8.8404e-06	0.0000e+00
902	0.0000e+00	0.0000e+00	-4.4193e-04	-1.0227e-06	-9.3194e-06	0.0000e+00
903	0.0000e+00	0.0000e+00	-4.4208e-04	-1.0418e-06	-1.0175e-05	0.0000e+00
904	0.0000e+00	0.0000e+00	4.8279e-04	-1.1415e-06	-1.7565e-05	0.0000e+00
905	0.0000e+00	0.0000e+00	4.2141e-04	-1.5757e-06	-1.5489e-05	0.0000e+00
906	0.0000e+00	0.0000e+00	3.6097e-04	-1.1352e-06	-1.3598e-05	0.0000e+00
907	0.0000e+00	0.0000e+00	3.3204e-04	-1.7832e-07	-1.2877e-05	0.0000e+00
908	0.0000e+00	0.0000e+00	3.4492e-04	7.9706e-07	-1.3636e-05	0.0000e+00
909	0.0000e+00	0.0000e+00	3.8666e-04	1.1424e-06	-1.5546e-05	0.0000e+00
910	0.0000e+00	0.0000e+00	4.2388e-04	5.7586e-07	-1.7575e-05	0.0000e+00
911	0.0000e+00	0.0000e+00	1.3247e-03	-3.2004e-06	-2.2903e-05	0.0000e+00
912	0.0000e+00	0.0000e+00	1.1537e-03	-4.1954e-06	-1.9906e-05	0.0000e+00
913	0.0000e+00	0.0000e+00	9.9441e-04	-2.8033e-06	-1.7331e-05	0.0000e+00
914	0.0000e+00	0.0000e+00	9.2893e-04	-1.1874e-07	-1.6377e-05	0.0000e+00
915	0.0000e+00	0.0000e+00	9.8423e-04	2.5330e-06	-1.7365e-05	0.0000e+00
916	0.0000e+00	0.0000e+00	1.1290e-03	3.7748e-06	-1.9949e-05	0.0000e+00
917	0.0000e+00	0.0000e+00	1.2765e-03	2.5258e-06	-2.2894e-05	0.0000e+00
918	0.0000e+00	0.0000e+00	2.3294e-03	-6.3771e-06	-2.2597e-05	0.0000e+00
919	0.0000e+00	0.0000e+00	2.0044e-03	-7.7276e-06	-1.8239e-05	0.0000e+00
920	0.0000e+00	0.0000e+00	1.7231e-03	-4.8221e-06	-1.5201e-05	0.0000e+00
921	0.0000e+00	0.0000e+00	1.6148e-03	-8.4736e-08	-1.4220e-05	0.0000e+00
922	0.0000e+00	0.0000e+00	1.7150e-03	4.5920e-06	-1.5250e-05	0.0000e+00
923	0.0000e+00	0.0000e+00	1.9827e-03	7.3104e-06	-1.8323e-05	0.0000e+00
924	0.0000e+00	0.0000e+00	2.2832e-03	5.6382e-06	-2.2681e-05	0.0000e+00
925	0.0000e+00	0.0000e+00	3.1518e-03	-1.1485e-05	-1.4006e-05	0.0000e+00
926	0.0000e+00	0.0000e+00	2.6209e-03	-1.1650e-05	-8.7312e-06	0.0000e+00
927	0.0000e+00	0.0000e+00	2.2268e-03	-6.4458e-06	-7.0559e-06	0.0000e+00
928	0.0000e+00	0.0000e+00	2.0869e-03	-4.7318e-08	-6.7513e-06	0.0000e+00
929	0.0000e+00	0.0000e+00	2.2216e-03	6.2839e-06	-7.1512e-06	0.0000e+00
930	0.0000e+00	0.0000e+00	2.6049e-03	1.1288e-05	-8.9190e-06	0.0000e+00
931	0.0000e+00	0.0000e+00	3.1132e-03	1.0783e-05	-1.4288e-05	0.0000e+00
932	0.0000e+00	0.0000e+00	3.3088e-03	-1.8985e-05	9.4864e-06	0.0000e+00
933	0.0000e+00	0.0000e+00	2.6563e-03	-1.2126e-05	8.1021e-06	0.0000e+00
934	0.0000e+00	0.0000e+00	2.2819e-03	-5.7654e-06	4.6144e-06	0.0000e+00
935	0.0000e+00	0.0000e+00	2.1611e-03	1.7164e-08	3.3110e-06	0.0000e+00
936	0.0000e+00	0.0000e+00	2.2822e-03	5.7294e-06	4.4580e-06	0.0000e+00
937	0.0000e+00	0.0000e+00	2.6512e-03	1.1895e-05	7.7810e-06	0.0000e+00
938	0.0000e+00	0.0000e+00	3.2874e-03	1.8445e-05	8.9847e-06	0.0000e+00
939	0.0000e+00	0.0000e+00	2.0638e-03	-2.7862e-06	4.1161e-05	0.0000e+00
940	0.0000e+00	0.0000e+00	1.9438e-03	-2.6490e-06	2.2685e-05	0.0000e+00
941	0.0000e+00	0.0000e+00	1.8534e-03	-1.4718e-06	1.3843e-05	0.0000e+00
942	0.0000e+00	0.0000e+00	1.8237e-03	1.0973e-07	1.1259e-05	0.0000e+00
943	0.0000e+00	0.0000e+00	1.8620e-03	1.6301e-06	1.3623e-05	0.0000e+00

944	0.0000e+00	0.0000e+00	1.9557e-03	2.6287e-06	2.2229e-05	0.0000e+00
945	0.0000e+00	0.0000e+00	2.0694e-03	2.4969e-06	4.0441e-05	0.0000e+00
946	0.0000e+00	0.0000e+00	4.1313e-03	8.6884e-06	7.2729e-05	0.0000e+00
947	0.0000e+00	0.0000e+00	8.0977e-03	2.9093e-06	1.1354e-04	0.0000e+00
948	0.0000e+00	0.0000e+00	4.3829e-03	5.5774e-06	7.3090e-05	0.0000e+00
949	0.0000e+00	0.0000e+00	8.1561e-03	1.3226e-06	1.0331e-04	0.0000e+00
950	0.0000e+00	0.0000e+00	4.5162e-03	1.9585e-06	7.2305e-05	0.0000e+00
951	0.0000e+00	0.0000e+00	8.1819e-03	-7.5092e-07	9.8694e-05	0.0000e+00
952	0.0000e+00	0.0000e+00	4.5308e-03	-1.5992e-06	7.2421e-05	0.0000e+00
953	0.0000e+00	0.0000e+00	8.2010e-03	-5.7178e-07	9.8816e-05	0.0000e+00
954	0.0000e+00	0.0000e+00	4.4278e-03	-5.1603e-06	7.3440e-05	0.0000e+00
955	0.0000e+00	0.0000e+00	8.2140e-03	-5.5728e-07	1.0367e-04	0.0000e+00
956	0.0000e+00	0.0000e+00	4.2091e-03	-8.1714e-06	7.3327e-05	0.0000e+00
957	0.0000e+00	0.0000e+00	8.1964e-03	-1.8559e-06	1.1415e-04	0.0000e+00
958	0.0000e+00	0.0000e+00	-1.8840e-03	4.9867e-06	3.9760e-05	0.0000e+00
959	0.0000e+00	0.0000e+00	-2.0375e-03	4.5016e-06	4.2063e-05	0.0000e+00
960	0.0000e+00	0.0000e+00	2.1383e-03	1.7758e-06	4.3099e-05	0.0000e+00
961	0.0000e+00	0.0000e+00	2.1488e-03	-1.5550e-06	4.3204e-05	0.0000e+00
962	0.0000e+00	0.0000e+00	-2.0698e-03	-4.2426e-06	4.2383e-05	0.0000e+00
963	0.0000e+00	0.0000e+00	-1.9398e-03	-4.6412e-06	4.0314e-05	0.0000e+00
964	0.0000e+00	0.0000e+00	-8.8290e-04	2.6804e-06	1.6506e-05	0.0000e+00
965	0.0000e+00	0.0000e+00	-9.3262e-04	2.5626e-06	1.7852e-05	0.0000e+00
966	0.0000e+00	0.0000e+00	-9.6979e-04	1.0630e-06	1.8797e-05	0.0000e+00
967	0.0000e+00	0.0000e+00	-9.7595e-04	-9.5796e-07	1.8894e-05	0.0000e+00
968	0.0000e+00	0.0000e+00	-9.5116e-04	-2.4304e-06	1.8150e-05	0.0000e+00
969	0.0000e+00	0.0000e+00	-9.1354e-04	-2.4854e-06	1.7018e-05	0.0000e+00
970	0.0000e+00	0.0000e+00	-4.4481e-04	1.5005e-06	-1.0306e-05	0.0000e+00
971	0.0000e+00	0.0000e+00	-4.7174e-04	1.1757e-06	-9.8480e-06	0.0000e+00
972	0.0000e+00	0.0000e+00	-4.8927e-04	4.5243e-07	-9.5058e-06	0.0000e+00
973	0.0000e+00	0.0000e+00	-4.9149e-04	-4.3042e-07	-9.5541e-06	0.0000e+00
974	0.0000e+00	0.0000e+00	-4.7850e-04	-1.1377e-06	-9.9780e-06	0.0000e+00
975	0.0000e+00	0.0000e+00	-4.5620e-04	-1.4303e-06	-1.0489e-05	0.0000e+00
976	0.0000e+00	0.0000e+00	6.3594e-04	8.0937e-07	-1.9142e-05	0.0000e+00
977	0.0000e+00	0.0000e+00	6.5155e-04	-1.9374e-07	-1.8251e-05	0.0000e+00
978	0.0000e+00	0.0000e+00	6.5062e-04	-9.4024e-08	-1.7452e-05	0.0000e+00
979	0.0000e+00	0.0000e+00	6.4981e-04	7.3774e-08	-1.7453e-05	0.0000e+00
980	0.0000e+00	0.0000e+00	6.4928e-04	2.1454e-07	-1.8252e-05	0.0000e+00
981	0.0000e+00	0.0000e+00	6.3270e-04	-8.2828e-07	-1.9135e-05	0.0000e+00
982	0.0000e+00	0.0000e+00	1.5675e-03	-2.8319e-07	-2.4644e-05	0.0000e+00
983	0.0000e+00	0.0000e+00	1.5272e-03	-1.3979e-06	-2.2954e-05	0.0000e+00
984	0.0000e+00	0.0000e+00	1.4793e-03	-7.3170e-07	-2.1605e-05	0.0000e+00
985	0.0000e+00	0.0000e+00	1.4782e-03	6.8073e-07	-2.1607e-05	0.0000e+00
986	0.0000e+00	0.0000e+00	1.5241e-03	1.3564e-06	-2.2958e-05	0.0000e+00
987	0.0000e+00	0.0000e+00	1.5628e-03	3.1945e-07	-2.4647e-05	0.0000e+00
988	0.0000e+00	0.0000e+00	2.6403e-03	-2.4181e-06	-2.3882e-05	0.0000e+00
989	0.0000e+00	0.0000e+00	2.4962e-03	-3.9805e-06	-2.0552e-05	0.0000e+00
990	0.0000e+00	0.0000e+00	2.3728e-03	-1.7894e-06	-1.8368e-05	0.0000e+00
991	0.0000e+00	0.0000e+00	2.3719e-03	1.7399e-06	-1.8374e-05	0.0000e+00
992	0.0000e+00	0.0000e+00	2.4936e-03	3.9375e-06	-2.0569e-05	0.0000e+00
993	0.0000e+00	0.0000e+00	2.6363e-03	2.3897e-06	-2.3910e-05	0.0000e+00
994	0.0000e+00	0.0000e+00	3.5013e-03	-7.1314e-06	-1.4435e-05	0.0000e+00
995	0.0000e+00	0.0000e+00	3.1768e-03	-7.8795e-06	-9.2634e-06	0.0000e+00
996	0.0000e+00	0.0000e+00	2.9553e-03	-3.0710e-06	-7.2649e-06	0.0000e+00
997	0.0000e+00	0.0000e+00	2.9547e-03	3.0351e-06	-7.2727e-06	0.0000e+00
998	0.0000e+00	0.0000e+00	3.1751e-03	7.8503e-06	-9.2868e-06	0.0000e+00
999	0.0000e+00	0.0000e+00	3.4988e-03	7.1145e-06	-1.4475e-05	0.0000e+00
1000	0.0000e+00	0.0000e+00	3.6605e-03	-1.5749e-05	9.7300e-06	0.0000e+00
1001	0.0000e+00	0.0000e+00	3.1697e-03	-9.7756e-06	1.0738e-05	0.0000e+00
1002	0.0000e+00	0.0000e+00	2.9244e-03	-3.2015e-06	8.8609e-06	0.0000e+00
1003	0.0000e+00	0.0000e+00	2.9241e-03	3.1825e-06	8.8534e-06	0.0000e+00
1004	0.0000e+00	0.0000e+00	3.1690e-03	9.7619e-06	1.0717e-05	0.0000e+00
1005	0.0000e+00	0.0000e+00	3.6596e-03	1.5751e-05	9.6990e-06	0.0000e+00
1006	0.0000e+00	0.0000e+00	2.3010e-03	-8.9810e-07	4.5402e-05	0.0000e+00
1007	0.0000e+00	0.0000e+00	2.2603e-03	-1.0848e-06	2.8915e-05	0.0000e+00
1008	0.0000e+00	0.0000e+00	2.2293e-03	-4.4849e-07	2.1417e-05	0.0000e+00
1009	0.0000e+00	0.0000e+00	2.2294e-03	4.4344e-07	2.1411e-05	0.0000e+00
1010	0.0000e+00	0.0000e+00	2.2605e-03	1.0820e-06	2.8898e-05	0.0000e+00
1011	0.0000e+00	0.0000e+00	2.3014e-03	9.0587e-07	4.5376e-05	0.0000e+00
1012	0.0000e+00	0.0000e+00	4.1932e-03	8.1865e-06	7.3277e-05	0.0000e+00
1013	0.0000e+00	0.0000e+00	8.1817e-03	1.8631e-06	1.1412e-04	0.0000e+00
1014	0.0000e+00	0.0000e+00	4.4118e-03	5.1766e-06	7.3388e-05	0.0000e+00
1015	0.0000e+00	0.0000e+00	8.1986e-03	6.3395e-07	1.0364e-04	0.0000e+00

1016	0.0000e+00	0.0000e+00	4.5143e-03	1.6301e-06	7.2365e-05	0.0000e+00
1017	0.0000e+00	0.0000e+00	8.1848e-03	6.7328e-07	9.8776e-05	0.0000e+00
1018	0.0000e+00	0.0000e+00	4.4985e-03	-1.9709e-06	7.2245e-05	0.0000e+00
1019	0.0000e+00	0.0000e+00	8.1647e-03	8.3809e-07	9.8653e-05	0.0000e+00
1020	0.0000e+00	0.0000e+00	4.3635e-03	-5.5766e-06	7.3026e-05	0.0000e+00
1021	0.0000e+00	0.0000e+00	8.1378e-03	-1.3816e-06	1.0327e-04	0.0000e+00
1022	0.0000e+00	0.0000e+00	4.1097e-03	-8.6843e-06	7.2660e-05	0.0000e+00
1023	0.0000e+00	0.0000e+00	8.0785e-03	-2.9412e-06	1.1351e-04	0.0000e+00
1024	0.0000e+00	0.0000e+00	-1.9242e-03	4.6491e-06	4.0238e-05	0.0000e+00
1025	0.0000e+00	0.0000e+00	-2.0540e-03	4.2535e-06	4.2308e-05	0.0000e+00
1026	0.0000e+00	0.0000e+00	2.1325e-03	1.5721e-06	4.3126e-05	0.0000e+00
1027	0.0000e+00	0.0000e+00	2.1207e-03	-1.7794e-06	4.3015e-05	0.0000e+00
1028	0.0000e+00	0.0000e+00	-2.0178e-03	-4.4995e-06	4.1970e-05	0.0000e+00
1029	0.0000e+00	0.0000e+00	-1.8617e-03	-4.9855e-06	3.9655e-05	0.0000e+00
1030	0.0000e+00	0.0000e+00	-9.0206e-04	2.4886e-06	1.6899e-05	0.0000e+00
1031	0.0000e+00	0.0000e+00	-9.3882e-04	2.4375e-06	1.8032e-05	0.0000e+00
1032	0.0000e+00	0.0000e+00	-9.6277e-04	9.6896e-07	1.8773e-05	0.0000e+00
1033	0.0000e+00	0.0000e+00	-9.5543e-04	-1.0636e-06	1.8666e-05	0.0000e+00
1034	0.0000e+00	0.0000e+00	-9.1664e-04	-2.5605e-06	1.7704e-05	0.0000e+00
1035	0.0000e+00	0.0000e+00	-8.6528e-04	-2.6798e-06	1.6337e-05	0.0000e+00
1036	0.0000e+00	0.0000e+00	-4.5107e-04	1.4324e-06	-1.0387e-05	0.0000e+00
1037	0.0000e+00	0.0000e+00	-4.7279e-04	1.1422e-06	-9.8602e-06	0.0000e+00
1038	0.0000e+00	0.0000e+00	-4.8523e-04	4.3714e-07	-9.4208e-06	0.0000e+00
1039	0.0000e+00	0.0000e+00	-4.8238e-04	-4.5137e-07	-9.3614e-06	0.0000e+00
1040	0.0000e+00	0.0000e+00	-4.6412e-04	-1.1728e-06	-9.6989e-06	0.0000e+00
1041	0.0000e+00	0.0000e+00	-4.3645e-04	-1.4977e-06	-1.0156e-05	0.0000e+00
1042	0.0000e+00	0.0000e+00	6.3213e-04	8.3199e-07	-1.9112e-05	0.0000e+00
1043	0.0000e+00	0.0000e+00	6.4891e-04	-2.1034e-07	-1.8225e-05	0.0000e+00
1044	0.0000e+00	0.0000e+00	6.4963e-04	-6.4027e-08	-1.7422e-05	0.0000e+00
1045	0.0000e+00	0.0000e+00	6.5062e-04	1.0314e-07	-1.7417e-05	0.0000e+00
1046	0.0000e+00	0.0000e+00	6.5178e-04	1.9565e-07	-1.8216e-05	0.0000e+00
1047	0.0000e+00	0.0000e+00	6.3645e-04	-8.0319e-07	-1.9108e-05	0.0000e+00
1048	0.0000e+00	0.0000e+00	1.5623e-03	-3.1398e-07	-2.4642e-05	0.0000e+00
1049	0.0000e+00	0.0000e+00	1.5240e-03	-1.3490e-06	-2.2953e-05	0.0000e+00
1050	0.0000e+00	0.0000e+00	1.4783e-03	-6.7475e-07	-2.1600e-05	0.0000e+00
1051	0.0000e+00	0.0000e+00	1.4797e-03	7.3805e-07	-2.1597e-05	0.0000e+00
1052	0.0000e+00	0.0000e+00	1.5279e-03	1.4055e-06	-2.2946e-05	0.0000e+00
1053	0.0000e+00	0.0000e+00	1.5685e-03	2.8653e-07	-2.4638e-05	0.0000e+00
1054	0.0000e+00	0.0000e+00	2.6358e-03	-2.3782e-06	-2.3912e-05	0.0000e+00
1055	0.0000e+00	0.0000e+00	2.4935e-03	-3.9303e-06	-2.0572e-05	0.0000e+00
1056	0.0000e+00	0.0000e+00	2.3720e-03	-1.7355e-06	-1.8375e-05	0.0000e+00
1057	0.0000e+00	0.0000e+00	2.3731e-03	1.7948e-06	-1.8367e-05	0.0000e+00
1058	0.0000e+00	0.0000e+00	2.4968e-03	3.9893e-06	-2.0550e-05	0.0000e+00
1059	0.0000e+00	0.0000e+00	2.6412e-03	2.4304e-06	-2.3883e-05	0.0000e+00
1060	0.0000e+00	0.0000e+00	3.4985e-03	-7.0984e-06	-1.4481e-05	0.0000e+00
1061	0.0000e+00	0.0000e+00	3.1752e-03	-7.8441e-06	-9.2929e-06	0.0000e+00
1062	0.0000e+00	0.0000e+00	2.9549e-03	-3.0342e-06	-7.2752e-06	0.0000e+00
1063	0.0000e+00	0.0000e+00	2.9555e-03	3.0734e-06	-7.2632e-06	0.0000e+00
1064	0.0000e+00	0.0000e+00	3.1772e-03	7.8888e-06	-9.2590e-06	0.0000e+00
1065	0.0000e+00	0.0000e+00	3.5023e-03	7.1504e-06	-1.4433e-05	0.0000e+00
1066	0.0000e+00	0.0000e+00	3.6596e-03	-1.5731e-05	9.6888e-06	0.0000e+00
1067	0.0000e+00	0.0000e+00	3.1694e-03	-9.7600e-06	1.0711e-05	0.0000e+00
1068	0.0000e+00	0.0000e+00	2.9244e-03	-3.1867e-06	8.8526e-06	0.0000e+00
1069	0.0000e+00	0.0000e+00	2.9245e-03	3.1989e-06	8.8645e-06	0.0000e+00
1070	0.0000e+00	0.0000e+00	3.1699e-03	9.7813e-06	1.0747e-05	0.0000e+00
1071	0.0000e+00	0.0000e+00	3.6612e-03	1.5774e-05	9.7431e-06	0.0000e+00
1072	0.0000e+00	0.0000e+00	2.3015e-03	-8.8897e-07	4.5384e-05	0.0000e+00
1073	0.0000e+00	0.0000e+00	2.2608e-03	-1.0823e-06	2.8903e-05	0.0000e+00
1074	0.0000e+00	0.0000e+00	2.2296e-03	-4.5048e-07	2.1414e-05	0.0000e+00
1075	0.0000e+00	0.0000e+00	2.2293e-03	4.4330e-07	2.1420e-05	0.0000e+00
1076	0.0000e+00	0.0000e+00	2.2601e-03	1.0855e-06	2.8920e-05	0.0000e+00
1077	0.0000e+00	0.0000e+00	2.3011e-03	9.1603e-07	4.5410e-05	0.0000e+00
1078	0.0000e+00	0.0000e+00	-9.5599e-05	4.7025e-06	3.5525e-05	0.0000e+00
1079	0.0000e+00	0.0000e+00	1.5536e-04	7.0911e-06	2.8161e-05	0.0000e+00
1080	0.0000e+00	0.0000e+00	4.0086e-04	5.5741e-06	2.2573e-05	0.0000e+00
1081	0.0000e+00	0.0000e+00	5.9495e-04	4.3627e-06	1.7485e-05	0.0000e+00
1082	0.0000e+00	0.0000e+00	7.4968e-04	3.4517e-06	1.4073e-05	0.0000e+00
1083	0.0000e+00	0.0000e+00	8.6969e-04	2.4840e-06	1.2465e-05	0.0000e+00
1084	0.0000e+00	0.0000e+00	9.4369e-04	9.6423e-07	1.2785e-05	0.0000e+00
1085	0.0000e+00	0.0000e+00	9.3869e-04	-1.7814e-06	1.5109e-05	0.0000e+00
1086	0.0000e+00	0.0000e+00	7.9490e-04	-6.5571e-06	1.9207e-05	0.0000e+00
1087	0.0000e+00	0.0000e+00	4.2893e-04	-1.3409e-05	2.0620e-05	0.0000e+00



1088	0.0000e+00	0.0000e+00	1.7112e-04	6.3249e-07	1.7038e-05	0.0000e+00
1089	0.0000e+00	0.0000e+00	-1.5346e-03	9.4475e-06	3.5279e-05	0.0000e+00
1090	0.0000e+00	0.0000e+00	-1.1071e-03	1.1626e-05	2.9545e-05	0.0000e+00
1091	0.0000e+00	0.0000e+00	-6.6235e-04	1.0606e-05	2.6142e-05	0.0000e+00
1092	0.0000e+00	0.0000e+00	-2.8737e-04	8.5241e-06	2.2476e-05	0.0000e+00
1093	0.0000e+00	0.0000e+00	7.5534e-05	6.2503e-06	1.9466e-05	0.0000e+00
1094	0.0000e+00	0.0000e+00	2.3094e-04	3.8053e-06	1.7294e-05	0.0000e+00
1095	0.0000e+00	0.0000e+00	3.2587e-04	9.1261e-07	1.5861e-05	0.0000e+00
1096	0.0000e+00	0.0000e+00	2.9843e-04	-2.6525e-06	1.4681e-05	0.0000e+00
1097	0.0000e+00	0.0000e+00	1.3246e-04	-6.2560e-06	1.2713e-05	0.0000e+00
1098	0.0000e+00	0.0000e+00	-1.5573e-04	-6.5196e-06	8.1517e-06	0.0000e+00
1099	0.0000e+00	0.0000e+00	-2.7963e-04	1.0192e-06	4.8059e-06	0.0000e+00
1100	0.0000e+00	0.0000e+00	-3.0880e-03	1.3516e-05	4.0314e-05	0.0000e+00
1101	0.0000e+00	0.0000e+00	-2.5108e-03	1.5060e-05	3.5296e-05	0.0000e+00
1102	0.0000e+00	0.0000e+00	-1.9248e-03	1.4067e-05	3.2668e-05	0.0000e+00
1103	0.0000e+00	0.0000e+00	-1.4070e-03	1.1809e-05	2.9858e-05	0.0000e+00
1104	0.0000e+00	0.0000e+00	-9.8946e-04	9.0821e-06	2.7201e-05	0.0000e+00
1105	0.0000e+00	0.0000e+00	-6.8333e-04	6.2008e-06	2.4693e-05	0.0000e+00
1106	0.0000e+00	0.0000e+00	-4.9275e-04	3.2421e-06	2.2123e-05	0.0000e+00
1107	0.0000e+00	0.0000e+00	-4.1851e-04	3.9800e-07	1.9015e-05	0.0000e+00
1108	0.0000e+00	0.0000e+00	-4.4634e-04	-1.7001e-06	1.4926e-05	0.0000e+00
1109	0.0000e+00	0.0000e+00	-5.1972e-04	-1.5696e-06	1.0409e-05	0.0000e+00
1110	0.0000e+00	0.0000e+00	-5.3109e-04	1.3175e-06	8.0643e-06	0.0000e+00
1111	0.0000e+00	0.0000e+00	-4.9717e-03	1.7137e-05	5.0001e-05	0.0000e+00
1112	0.0000e+00	0.0000e+00	-4.2623e-03	1.8055e-05	4.5533e-05	0.0000e+00
1113	0.0000e+00	0.0000e+00	-3.5609e-03	1.6847e-05	4.3259e-05	0.0000e+00
1114	0.0000e+00	0.0000e+00	-2.9316e-03	1.4550e-05	4.0865e-05	0.0000e+00
1115	0.0000e+00	0.0000e+00	-2.4052e-03	1.1778e-05	3.8526e-05	0.0000e+00
1116	0.0000e+00	0.0000e+00	-1.9916e-03	8.9668e-06	3.6184e-05	0.0000e+00
1117	0.0000e+00	0.0000e+00	-1.6859e-03	6.4443e-06	3.3643e-05	0.0000e+00
1118	0.0000e+00	0.0000e+00	-1.4716e-03	4.4671e-06	3.0539e-05	0.0000e+00
1119	0.0000e+00	0.0000e+00	-1.3239e-03	3.1452e-06	2.6678e-05	0.0000e+00
1120	0.0000e+00	0.0000e+00	-1.2183e-03	2.2904e-06	2.2793e-05	0.0000e+00
1121	0.0000e+00	0.0000e+00	-1.1426e-03	1.5733e-06	2.0910e-05	0.0000e+00
1122	0.0000e+00	0.0000e+00	-7.3754e-03	2.0540e-05	6.3712e-05	0.0000e+00
1123	0.0000e+00	0.0000e+00	-6.5448e-03	2.0730e-05	5.9691e-05	0.0000e+00
1124	0.0000e+00	0.0000e+00	-5.7392e-03	1.9353e-05	5.7475e-05	0.0000e+00
1125	0.0000e+00	0.0000e+00	-5.0097e-03	1.6981e-05	5.5158e-05	0.0000e+00
1126	0.0000e+00	0.0000e+00	-4.3889e-03	1.4054e-05	5.3152e-05	0.0000e+00
1127	0.0000e+00	0.0000e+00	-3.8880e-03	1.1143e-05	5.1550e-05	0.0000e+00
1128	0.0000e+00	0.0000e+00	-3.4955e-03	8.8036e-06	5.0266e-05	0.0000e+00
1129	0.0000e+00	0.0000e+00	-3.1803e-03	7.4353e-06	4.8981e-05	0.0000e+00
1130	0.0000e+00	0.0000e+00	-2.9037e-03	6.8739e-06	4.7182e-05	0.0000e+00
1131	0.0000e+00	0.0000e+00	-2.6548e-03	5.5833e-06	4.4423e-05	0.0000e+00
1132	0.0000e+00	0.0000e+00	-2.5058e-03	1.6908e-06	4.2746e-05	0.0000e+00
1133	0.0000e+00	0.0000e+00	-1.0458e-02	2.4035e-05	8.0774e-05	0.0000e+00
1134	0.0000e+00	0.0000e+00	-9.5019e-03	2.3607e-05	7.6389e-05	0.0000e+00
1135	0.0000e+00	0.0000e+00	-8.5786e-03	2.2269e-05	7.3281e-05	0.0000e+00
1136	0.0000e+00	0.0000e+00	-7.7419e-03	1.9413e-05	7.0512e-05	0.0000e+00
1137	0.0000e+00	0.0000e+00	-7.0412e-03	1.5651e-05	6.8830e-05	0.0000e+00
1138	0.0000e+00	0.0000e+00	-6.4961e-03	1.1807e-05	6.8446e-05	0.0000e+00
1139	0.0000e+00	0.0000e+00	-6.0951e-03	8.6498e-06	6.9451e-05	0.0000e+00
1140	0.0000e+00	0.0000e+00	-5.7975e-03	6.8859e-06	7.1789e-05	0.0000e+00
1141	0.0000e+00	0.0000e+00	-5.5382e-03	7.0394e-06	7.5000e-05	0.0000e+00
1142	0.0000e+00	0.0000e+00	-5.2518e-03	8.2772e-06	7.6847e-05	0.0000e+00
1143	0.0000e+00	0.0000e+00	-5.0527e-03	1.6414e-06	7.6235e-05	0.0000e+00
1144	0.0000e+00	0.0000e+00	-1.3170e-02	2.8112e-05	9.1344e-05	0.0000e+00
1145	0.0000e+00	0.0000e+00	-1.2050e-02	2.5787e-05	8.5594e-05	0.0000e+00
1146	0.0000e+00	0.0000e+00	-1.1078e-02	2.1492e-05	8.2193e-05	0.0000e+00
1147	0.0000e+00	0.0000e+00	-1.0314e-02	1.6111e-05	8.1032e-05	0.0000e+00
1148	0.0000e+00	0.0000e+00	-9.7855e-03	1.0441e-05	8.2175e-05	0.0000e+00
1149	0.0000e+00	0.0000e+00	-9.4876e-03	5.2019e-06	8.5883e-05	0.0000e+00
1150	0.0000e+00	0.0000e+00	-9.3895e-03	1.0641e-06	9.2638e-05	0.0000e+00
1151	0.0000e+00	0.0000e+00	-9.4344e-03	-1.3547e-06	1.0329e-04	0.0000e+00
1152	0.0000e+00	0.0000e+00	-9.5397e-03	-1.4015e-06	1.1920e-04	0.0000e+00
1153	0.0000e+00	0.0000e+00	5.3924e-04	1.4783e-05	2.0692e-05	0.0000e+00
1154	0.0000e+00	0.0000e+00	9.8328e-04	7.2025e-06	1.7118e-05	0.0000e+00
1155	0.0000e+00	0.0000e+00	1.1848e-03	2.9646e-06	1.1968e-05	0.0000e+00
1156	0.0000e+00	0.0000e+00	1.2612e-03	9.7288e-07	9.0139e-06	0.0000e+00
1157	0.0000e+00	0.0000e+00	1.2806e-03	3.6507e-08	8.2220e-06	0.0000e+00
1158	0.0000e+00	0.0000e+00	1.2666e-03	-7.9959e-07	9.5101e-06	0.0000e+00
1159	0.0000e+00	0.0000e+00	1.2012e-03	-2.5965e-06	1.2978e-05	0.0000e+00

1160	0.0000e+00	0.0000e+00	1.0218e-03	-6.5183e-06	1.8679e-05	0.0000e+00
1161	0.0000e+00	0.0000e+00	6.1483e-04	-1.3690e-05	2.2882e-05	0.0000e+00
1162	0.0000e+00	0.0000e+00	2.9001e-04	8.3918e-07	2.0002e-05	0.0000e+00
1163	0.0000e+00	0.0000e+00	5.1196e-05	9.1739e-06	7.9518e-06	0.0000e+00
1164	0.0000e+00	0.0000e+00	3.7116e-04	8.3244e-06	1.2016e-05	0.0000e+00
1165	0.0000e+00	0.0000e+00	6.5035e-04	4.8032e-06	1.2811e-05	0.0000e+00
1166	0.0000e+00	0.0000e+00	7.8987e-04	1.9074e-06	1.2791e-05	0.0000e+00
1167	0.0000e+00	0.0000e+00	8.2322e-04	-2.4153e-07	1.2946e-05	0.0000e+00
1168	0.0000e+00	0.0000e+00	7.6830e-04	-2.3460e-06	1.3548e-05	0.0000e+00
1169	0.0000e+00	0.0000e+00	6.1242e-04	-5.0632e-06	1.4328e-05	0.0000e+00
1170	0.0000e+00	0.0000e+00	3.2697e-04	-8.2969e-06	1.4296e-05	0.0000e+00
1171	0.0000e+00	0.0000e+00	-7.1486e-05	-8.7891e-06	1.0980e-05	0.0000e+00
1172	0.0000e+00	0.0000e+00	-2.8725e-04	-3.0929e-07	8.5082e-06	0.0000e+00
1173	0.0000e+00	0.0000e+00	-3.9330e-04	4.6390e-06	1.0195e-05	0.0000e+00
1174	0.0000e+00	0.0000e+00	-1.7385e-04	4.8992e-06	1.4600e-05	0.0000e+00
1175	0.0000e+00	0.0000e+00	2.1672e-05	3.2089e-06	1.7929e-05	0.0000e+00
1176	0.0000e+00	0.0000e+00	9.5519e-05	1.1653e-06	1.9782e-05	0.0000e+00
1177	0.0000e+00	0.0000e+00	1.0521e-04	-6.9676e-07	2.0682e-05	0.0000e+00
1178	0.0000e+00	0.0000e+00	3.6032e-05	-2.5116e-06	2.0882e-05	0.0000e+00
1179	0.0000e+00	0.0000e+00	-1.1543e-04	-4.3666e-06	2.0121e-05	0.0000e+00
1180	0.0000e+00	0.0000e+00	-3.3899e-04	-5.7362e-06	1.7847e-05	0.0000e+00
1181	0.0000e+00	0.0000e+00	-5.8531e-04	-5.0253e-06	1.4399e-05	0.0000e+00
1182	0.0000e+00	0.0000e+00	-7.2836e-04	-1.1534e-06	1.2990e-05	0.0000e+00
1183	0.0000e+00	0.0000e+00	-1.0857e-03	1.0584e-06	2.2695e-05	0.0000e+00
1184	0.0000e+00	0.0000e+00	-1.0433e-03	8.1259e-07	2.6622e-05	0.0000e+00
1185	0.0000e+00	0.0000e+00	-1.0142e-03	3.6632e-07	3.0018e-05	0.0000e+00
1186	0.0000e+00	0.0000e+00	-1.0126e-03	-3.6126e-07	3.2172e-05	0.0000e+00
1187	0.0000e+00	0.0000e+00	-1.0507e-03	-1.3410e-06	3.3338e-05	0.0000e+00
1188	0.0000e+00	0.0000e+00	-1.1313e-03	-2.2402e-06	3.3699e-05	0.0000e+00
1189	0.0000e+00	0.0000e+00	-1.2458e-03	-2.8121e-06	3.3062e-05	0.0000e+00
1190	0.0000e+00	0.0000e+00	-1.3747e-03	-2.8562e-06	3.1145e-05	0.0000e+00
1191	0.0000e+00	0.0000e+00	-1.4949e-03	-2.4698e-06	2.8581e-05	0.0000e+00
1192	0.0000e+00	0.0000e+00	-1.5956e-03	-2.0478e-06	2.7874e-05	0.0000e+00
1193	0.0000e+00	0.0000e+00	-2.5233e-03	-2.1374e-06	4.4585e-05	0.0000e+00
1194	0.0000e+00	0.0000e+00	-2.6262e-03	-2.3993e-06	4.7431e-05	0.0000e+00
1195	0.0000e+00	0.0000e+00	-2.7105e-03	-1.7581e-06	4.8976e-05	0.0000e+00
1196	0.0000e+00	0.0000e+00	-2.7814e-03	-1.7231e-06	4.9939e-05	0.0000e+00
1197	0.0000e+00	0.0000e+00	-2.8666e-03	-2.2101e-06	5.0863e-05	0.0000e+00
1198	0.0000e+00	0.0000e+00	-2.9765e-03	-2.6347e-06	5.1941e-05	0.0000e+00
1199	0.0000e+00	0.0000e+00	-3.0947e-03	-2.3985e-06	5.2986e-05	0.0000e+00
1200	0.0000e+00	0.0000e+00	-3.1856e-03	-1.3645e-06	5.3448e-05	0.0000e+00
1201	0.0000e+00	0.0000e+00	-3.2321e-03	-8.7795e-07	5.2574e-05	0.0000e+00
1202	0.0000e+00	0.0000e+00	-3.3198e-03	-3.3529e-06	5.2537e-05	0.0000e+00
1203	0.0000e+00	0.0000e+00	-5.1350e-03	-4.6680e-06	7.7368e-05	0.0000e+00
1204	0.0000e+00	0.0000e+00	-5.2705e-03	-2.3360e-06	7.5130e-05	0.0000e+00
1205	0.0000e+00	0.0000e+00	-5.3351e-03	-1.2791e-06	7.2106e-05	0.0000e+00
1206	0.0000e+00	0.0000e+00	-5.3966e-03	-1.8664e-06	7.0516e-05	0.0000e+00
1207	0.0000e+00	0.0000e+00	-5.5087e-03	-3.3121e-06	7.0772e-05	0.0000e+00
1208	0.0000e+00	0.0000e+00	-5.6885e-03	-4.6998e-06	7.2958e-05	0.0000e+00
1209	0.0000e+00	0.0000e+00	-5.9135e-03	-5.1017e-06	7.7021e-05	0.0000e+00
1210	0.0000e+00	0.0000e+00	-6.1228e-03	-3.6779e-06	8.2578e-05	0.0000e+00
1211	0.0000e+00	0.0000e+00	-6.2365e-03	-7.7705e-07	8.7448e-05	0.0000e+00
1212	0.0000e+00	0.0000e+00	-6.3578e-03	-5.4869e-06	8.9065e-05	0.0000e+00
1213	0.0000e+00	0.0000e+00	-9.4097e-03	4.5200e-06	1.1814e-04	0.0000e+00
1214	0.0000e+00	0.0000e+00	-9.1536e-03	4.8408e-06	1.0253e-04	0.0000e+00
1215	0.0000e+00	0.0000e+00	-8.9475e-03	2.9116e-06	9.3209e-05	0.0000e+00
1216	0.0000e+00	0.0000e+00	-8.8731e-03	-4.0879e-07	8.8620e-05	0.0000e+00
1217	0.0000e+00	0.0000e+00	-8.9781e-03	-4.5774e-06	8.8051e-05	0.0000e+00
1218	0.0000e+00	0.0000e+00	-9.2773e-03	-8.6476e-06	9.1319e-05	0.0000e+00
1219	0.0000e+00	0.0000e+00	-9.7525e-03	-1.1891e-05	9.8661e-05	0.0000e+00
1220	0.0000e+00	0.0000e+00	-1.0350e-02	-1.3483e-05	1.1084e-04	0.0000e+00
1221	0.0000e+00	0.0000e+00	-1.0980e-02	-1.2524e-05	1.2951e-04	0.0000e+00
1222	0.0000e+00	0.0000e+00	2.9396e-04	-8.3514e-07	2.0038e-05	0.0000e+00
1223	0.0000e+00	0.0000e+00	6.1744e-04	1.3649e-05	2.2961e-05	0.0000e+00
1224	0.0000e+00	0.0000e+00	1.0211e-03	6.4297e-06	1.8796e-05	0.0000e+00
1225	0.0000e+00	0.0000e+00	1.1958e-03	2.4791e-06	1.3155e-05	0.0000e+00
1226	0.0000e+00	0.0000e+00	1.2557e-03	6.7445e-07	9.7689e-06	0.0000e+00
1227	0.0000e+00	0.0000e+00	1.2645e-03	-1.6147e-07	8.5795e-06	0.0000e+00
1228	0.0000e+00	0.0000e+00	1.2416e-03	-1.0137e-06	9.4796e-06	0.0000e+00
1229	0.0000e+00	0.0000e+00	1.1660e-03	-2.8728e-06	1.2547e-05	0.0000e+00
1230	0.0000e+00	0.0000e+00	9.7280e-04	-6.8995e-06	1.7804e-05	0.0000e+00
1231	0.0000e+00	0.0000e+00	5.4889e-04	-1.4160e-05	2.1519e-05	0.0000e+00

1232	0.0000e+00	0.0000e+00	2.0658e-04	2.5371e-07	1.7538e-05	0.0000e+00
1233	0.0000e+00	0.0000e+00	-2.8956e-04	2.9166e-07	8.6388e-06	0.0000e+00
1234	0.0000e+00	0.0000e+00	-7.8996e-05	8.6990e-06	1.1177e-05	0.0000e+00
1235	0.0000e+00	0.0000e+00	3.1809e-04	8.1472e-06	1.4566e-05	0.0000e+00
1236	0.0000e+00	0.0000e+00	5.9535e-04	4.8633e-06	1.4692e-05	0.0000e+00
1237	0.0000e+00	0.0000e+00	7.4152e-04	2.1165e-06	1.4028e-05	0.0000e+00
1238	0.0000e+00	0.0000e+00	7.8617e-04	2.0824e-08	1.3564e-05	0.0000e+00
1239	0.0000e+00	0.0000e+00	7.4381e-04	-2.0784e-06	1.3562e-05	0.0000e+00
1240	0.0000e+00	0.0000e+00	5.9933e-04	-4.8431e-06	1.3740e-05	0.0000e+00
1241	0.0000e+00	0.0000e+00	3.2303e-04	-8.1383e-06	1.3093e-05	0.0000e+00
1242	0.0000e+00	0.0000e+00	-7.4500e-05	-8.6392e-06	9.1720e-06	0.0000e+00
1243	0.0000e+00	0.0000e+00	-2.7996e-04	-1.3122e-07	6.1259e-06	0.0000e+00
1244	0.0000e+00	0.0000e+00	-7.3746e-04	1.0424e-06	1.3228e-05	0.0000e+00
1245	0.0000e+00	0.0000e+00	-6.0082e-04	4.8482e-06	1.4739e-05	0.0000e+00
1246	0.0000e+00	0.0000e+00	-3.6398e-04	5.4838e-06	1.8305e-05	0.0000e+00
1247	0.0000e+00	0.0000e+00	-1.5308e-04	4.0421e-06	2.0719e-05	0.0000e+00
1248	0.0000e+00	0.0000e+00	-2.0806e-05	2.1341e-06	2.1647e-05	0.0000e+00
1249	0.0000e+00	0.0000e+00	3.6143e-05	3.0838e-07	2.1639e-05	0.0000e+00
1250	0.0000e+00	0.0000e+00	-1.5195e-05	-1.5210e-06	2.0950e-05	0.0000e+00
1251	0.0000e+00	0.0000e+00	-9.8730e-05	-3.4289e-06	1.9318e-05	0.0000e+00
1252	0.0000e+00	0.0000e+00	-2.8167e-04	-4.8671e-06	1.6198e-05	0.0000e+00
1253	0.0000e+00	0.0000e+00	-4.9057e-04	-4.2207e-06	1.1965e-05	0.0000e+00
1254	0.0000e+00	0.0000e+00	-5.9863e-04	-3.7672e-07	9.8496e-06	0.0000e+00
1255	0.0000e+00	0.0000e+00	-1.6176e-03	1.8228e-06	2.8236e-05	0.0000e+00
1256	0.0000e+00	0.0000e+00	-1.5287e-03	2.1630e-06	2.9086e-05	0.0000e+00
1257	0.0000e+00	0.0000e+00	-1.4243e-03	2.4505e-06	3.1819e-05	0.0000e+00
1258	0.0000e+00	0.0000e+00	-1.3156e-03	2.3067e-06	3.3933e-05	0.0000e+00
1259	0.0000e+00	0.0000e+00	-1.2255e-03	1.6540e-06	3.4800e-05	0.0000e+00
1260	0.0000e+00	0.0000e+00	-1.1722e-03	7.2073e-07	3.4699e-05	0.0000e+00
1261	0.0000e+00	0.0000e+00	-1.1618e-03	-2.5661e-07	3.3819e-05	0.0000e+00
1262	0.0000e+00	0.0000e+00	-1.1879e-03	-8.8146e-07	3.1964e-05	0.0000e+00
1263	0.0000e+00	0.0000e+00	-1.2326e-03	-1.0327e-06	2.8860e-05	0.0000e+00
1264	0.0000e+00	0.0000e+00	-1.2742e-03	-7.9219e-07	2.5175e-05	0.0000e+00
1265	0.0000e+00	0.0000e+00	-1.3041e-03	-5.6043e-07	2.3472e-05	0.0000e+00
1266	0.0000e+00	0.0000e+00	-3.3604e-03	2.9741e-06	5.3031e-05	0.0000e+00
1267	0.0000e+00	0.0000e+00	-3.2917e-03	4.4821e-07	5.3256e-05	0.0000e+00
1268	0.0000e+00	0.0000e+00	-3.2695e-03	7.7002e-07	5.4352e-05	0.0000e+00
1269	0.0000e+00	0.0000e+00	-3.2088e-03	1.6494e-06	5.4148e-05	0.0000e+00
1270	0.0000e+00	0.0000e+00	-3.1263e-03	1.7706e-06	5.3400e-05	0.0000e+00
1271	0.0000e+00	0.0000e+00	-3.0565e-03	1.2829e-06	5.2657e-05	0.0000e+00
1272	0.0000e+00	0.0000e+00	-3.0130e-03	8.3270e-07	5.2101e-05	0.0000e+00
1273	0.0000e+00	0.0000e+00	-2.9815e-03	1.0179e-06	5.1533e-05	0.0000e+00
1274	0.0000e+00	0.0000e+00	-2.9277e-03	1.9361e-06	5.0393e-05	0.0000e+00
1275	0.0000e+00	0.0000e+00	-2.8373e-03	2.1977e-06	4.7934e-05	0.0000e+00
1276	0.0000e+00	0.0000e+00	-2.8012e-03	-7.6720e-07	4.6407e-05	0.0000e+00
1277	0.0000e+00	0.0000e+00	-6.4225e-03	4.9160e-06	8.9679e-05	0.0000e+00
1278	0.0000e+00	0.0000e+00	-6.3294e-03	4.6257e-07	8.8290e-05	0.0000e+00
1279	0.0000e+00	0.0000e+00	-6.2507e-03	2.7961e-06	8.3692e-05	0.0000e+00
1280	0.0000e+00	0.0000e+00	-6.0840e-03	4.0466e-06	7.8448e-05	0.0000e+00
1281	0.0000e+00	0.0000e+00	-5.9089e-03	3.4905e-06	7.4741e-05	0.0000e+00
1282	0.0000e+00	0.0000e+00	-5.7851e-03	1.9985e-06	7.2954e-05	0.0000e+00
1283	0.0000e+00	0.0000e+00	-5.7325e-03	5.8471e-07	7.3143e-05	0.0000e+00
1284	0.0000e+00	0.0000e+00	-5.7293e-03	-3.9830e-07	7.5220e-05	0.0000e+00
1285	0.0000e+00	0.0000e+00	-5.7153e-03	1.4415e-06	7.8771e-05	0.0000e+00
1286	0.0000e+00	0.0000e+00	-5.6125e-03	4.2676e-06	8.1590e-05	0.0000e+00
1287	0.0000e+00	0.0000e+00	-5.5289e-03	-1.1083e-06	8.0896e-05	0.0000e+00
1288	0.0000e+00	0.0000e+00	-1.1112e-02	1.1539e-05	1.3046e-04	0.0000e+00
1289	0.0000e+00	0.0000e+00	-1.0530e-02	1.2296e-05	1.1210e-04	0.0000e+00
1290	0.0000e+00	0.0000e+00	-9.9890e-03	1.0499e-05	1.0026e-04	0.0000e+00
1291	0.0000e+00	0.0000e+00	-9.5799e-03	7.0666e-06	9.3297e-05	0.0000e+00
1292	0.0000e+00	0.0000e+00	-9.3547e-03	2.8559e-06	9.0457e-05	0.0000e+00
1293	0.0000e+00	0.0000e+00	-9.3293e-03	-1.3402e-06	9.1507e-05	0.0000e+00
1294	0.0000e+00	0.0000e+00	-9.4844e-03	-4.6653e-06	9.6635e-05	0.0000e+00
1295	0.0000e+00	0.0000e+00	-9.7656e-03	-6.3427e-06	1.0656e-04	0.0000e+00
1296	0.0000e+00	0.0000e+00	-1.0082e-02	-5.5189e-06	1.2287e-04	0.0000e+00
1297	0.0000e+00	0.0000e+00	2.0721e-04	-2.1399e-07	1.7539e-05	0.0000e+00
1298	0.0000e+00	0.0000e+00	5.5101e-04	1.4175e-05	2.1536e-05	0.0000e+00
1299	0.0000e+00	0.0000e+00	9.7505e-04	6.8918e-06	1.7814e-05	0.0000e+00
1300	0.0000e+00	0.0000e+00	1.1676e-03	2.8543e-06	1.2552e-05	0.0000e+00
1301	0.0000e+00	0.0000e+00	1.2423e-03	9.8981e-07	9.4815e-06	0.0000e+00
1302	0.0000e+00	0.0000e+00	1.2641e-03	1.3636e-07	8.5792e-06	0.0000e+00
1303	0.0000e+00	0.0000e+00	1.2542e-03	-6.9982e-07	9.7670e-06	0.0000e+00

1304	0.0000e+00	0.0000e+00	1.1933e-03	-2.5002e-06	1.3151e-05	0.0000e+00
1305	0.0000e+00	0.0000e+00	1.0178e-03	-6.4412e-06	1.8788e-05	0.0000e+00
1306	0.0000e+00	0.0000e+00	6.1394e-04	-1.3639e-05	2.2946e-05	0.0000e+00
1307	0.0000e+00	0.0000e+00	2.9138e-04	8.7697e-07	2.0038e-05	0.0000e+00
1308	0.0000e+00	0.0000e+00	-2.7911e-04	1.5116e-07	6.1241e-06	0.0000e+00
1309	0.0000e+00	0.0000e+00	-7.2973e-05	8.6514e-06	9.1809e-06	0.0000e+00
1310	0.0000e+00	0.0000e+00	3.2481e-04	8.1349e-06	1.3103e-05	0.0000e+00
1311	0.0000e+00	0.0000e+00	6.0071e-04	4.8285e-06	1.3747e-05	0.0000e+00
1312	0.0000e+00	0.0000e+00	7.4440e-04	2.0576e-06	1.3565e-05	0.0000e+00
1313	0.0000e+00	0.0000e+00	7.8578e-04	-4.4740e-08	1.3565e-05	0.0000e+00
1314	0.0000e+00	0.0000e+00	7.4011e-04	-2.1387e-06	1.4026e-05	0.0000e+00
1315	0.0000e+00	0.0000e+00	5.9304e-04	-4.8804e-06	1.4687e-05	0.0000e+00
1316	0.0000e+00	0.0000e+00	3.1516e-04	-8.1537e-06	1.4556e-05	0.0000e+00
1317	0.0000e+00	0.0000e+00	-8.0620e-05	-8.6891e-06	1.1165e-05	0.0000e+00
1318	0.0000e+00	0.0000e+00	-2.9124e-04	-2.7233e-07	8.6348e-06	0.0000e+00
1319	0.0000e+00	0.0000e+00	-5.9777e-04	3.8947e-07	9.8477e-06	0.0000e+00
1320	0.0000e+00	0.0000e+00	-4.8923e-04	4.2283e-06	1.1969e-05	0.0000e+00
1321	0.0000e+00	0.0000e+00	-2.8022e-04	4.8643e-06	1.6204e-05	0.0000e+00
1322	0.0000e+00	0.0000e+00	-9.7655e-05	3.4166e-06	1.9324e-05	0.0000e+00
1323	0.0000e+00	0.0000e+00	-1.5740e-05	1.5026e-06	2.0955e-05	0.0000e+00
1324	0.0000e+00	0.0000e+00	3.5884e-05	-3.2860e-07	2.1641e-05	0.0000e+00
1325	0.0000e+00	0.0000e+00	-2.2351e-05	-2.1534e-06	2.1647e-05	0.0000e+00
1326	0.0000e+00	0.0000e+00	-1.5522e-04	-4.0559e-06	2.0716e-05	0.0000e+00
1327	0.0000e+00	0.0000e+00	-3.6650e-04	-5.4881e-06	1.8300e-05	0.0000e+00
1328	0.0000e+00	0.0000e+00	-6.0327e-04	-4.8410e-06	1.4734e-05	0.0000e+00
1329	0.0000e+00	0.0000e+00	-7.3938e-04	-1.0270e-06	1.3226e-05	0.0000e+00
1330	0.0000e+00	0.0000e+00	-1.3032e-03	5.6945e-07	2.3471e-05	0.0000e+00
1331	0.0000e+00	0.0000e+00	-1.2730e-03	7.9594e-07	2.5177e-05	0.0000e+00
1332	0.0000e+00	0.0000e+00	-1.2313e-03	1.0281e-06	2.8864e-05	0.0000e+00
1333	0.0000e+00	0.0000e+00	-1.1870e-03	8.6877e-07	3.1969e-05	0.0000e+00
1334	0.0000e+00	0.0000e+00	-1.1615e-03	2.3948e-07	3.3824e-05	0.0000e+00
1335	0.0000e+00	0.0000e+00	-1.1728e-03	-7.3974e-07	3.4704e-05	0.0000e+00
1336	0.0000e+00	0.0000e+00	-1.2269e-03	-1.6718e-06	3.4804e-05	0.0000e+00
1337	0.0000e+00	0.0000e+00	-1.3177e-03	-2.3190e-06	3.3936e-05	0.0000e+00
1338	0.0000e+00	0.0000e+00	-1.4268e-03	-2.4541e-06	3.1821e-05	0.0000e+00
1339	0.0000e+00	0.0000e+00	-1.5311e-03	-2.1569e-06	2.9089e-05	0.0000e+00
1340	0.0000e+00	0.0000e+00	-1.6196e-03	-1.8101e-06	2.8239e-05	0.0000e+00
1341	0.0000e+00	0.0000e+00	-2.8003e-03	7.7586e-07	4.6407e-05	0.0000e+00
1342	0.0000e+00	0.0000e+00	-2.8362e-03	-2.1938e-06	4.7934e-05	0.0000e+00
1343	0.0000e+00	0.0000e+00	-2.9266e-03	-1.9401e-06	5.0395e-05	0.0000e+00
1344	0.0000e+00	0.0000e+00	-2.9808e-03	-1.0282e-06	5.1537e-05	0.0000e+00
1345	0.0000e+00	0.0000e+00	-3.0130e-03	-8.4879e-07	5.2107e-05	0.0000e+00
1346	0.0000e+00	0.0000e+00	-3.0573e-03	-1.3025e-06	5.2664e-05	0.0000e+00
1347	0.0000e+00	0.0000e+00	-3.1280e-03	-1.7888e-06	5.3409e-05	0.0000e+00
1348	0.0000e+00	0.0000e+00	-3.2112e-03	-1.6619e-06	5.4158e-05	0.0000e+00
1349	0.0000e+00	0.0000e+00	-3.2723e-03	-7.7260e-07	5.4363e-05	0.0000e+00
1350	0.0000e+00	0.0000e+00	-3.2944e-03	-4.4052e-07	5.3268e-05	0.0000e+00
1351	0.0000e+00	0.0000e+00	-3.3627e-03	-2.9608e-06	5.3041e-05	0.0000e+00
1352	0.0000e+00	0.0000e+00	-5.5280e-03	1.1196e-06	8.0899e-05	0.0000e+00
1353	0.0000e+00	0.0000e+00	-5.6113e-03	-4.2646e-06	8.1590e-05	0.0000e+00
1354	0.0000e+00	0.0000e+00	-5.7142e-03	-1.4467e-06	7.8773e-05	0.0000e+00
1355	0.0000e+00	0.0000e+00	-5.7288e-03	3.9408e-07	7.5225e-05	0.0000e+00
1356	0.0000e+00	0.0000e+00	-5.7327e-03	-6.0099e-07	7.3150e-05	0.0000e+00
1357	0.0000e+00	0.0000e+00	-5.7864e-03	-2.0204e-06	7.2964e-05	0.0000e+00
1358	0.0000e+00	0.0000e+00	-5.9111e-03	-3.5110e-06	7.4753e-05	0.0000e+00
1359	0.0000e+00	0.0000e+00	-6.0870e-03	-4.0616e-06	7.8464e-05	0.0000e+00
1360	0.0000e+00	0.0000e+00	-6.2541e-03	-2.8013e-06	8.3711e-05	0.0000e+00
1361	0.0000e+00	0.0000e+00	-6.3328e-03	-4.5521e-07	8.8311e-05	0.0000e+00
1362	0.0000e+00	0.0000e+00	-6.4253e-03	-4.8992e-06	8.9696e-05	0.0000e+00
1363	0.0000e+00	0.0000e+00	-1.0081e-02	5.5228e-06	1.2287e-04	0.0000e+00
1364	0.0000e+00	0.0000e+00	-9.7647e-03	6.3344e-06	1.0656e-04	0.0000e+00
1365	0.0000e+00	0.0000e+00	-9.4841e-03	4.6486e-06	9.6642e-05	0.0000e+00
1366	0.0000e+00	0.0000e+00	-9.3299e-03	1.3184e-06	9.1516e-05	0.0000e+00
1367	0.0000e+00	0.0000e+00	-9.3564e-03	-2.8793e-06	9.0469e-05	0.0000e+00
1368	0.0000e+00	0.0000e+00	-9.5826e-03	-7.0886e-06	9.3311e-05	0.0000e+00
1369	0.0000e+00	0.0000e+00	-9.9926e-03	-1.0516e-05	1.0027e-04	0.0000e+00
1370	0.0000e+00	0.0000e+00	-1.0534e-02	-1.2303e-05	1.1212e-04	0.0000e+00
1371	0.0000e+00	0.0000e+00	-1.1116e-02	-1.1532e-05	1.3049e-04	0.0000e+00
1372	0.0000e+00	0.0000e+00	2.9086e-04	-7.9799e-07	2.0006e-05	0.0000e+00
1373	0.0000e+00	0.0000e+00	6.1758e-04	1.3705e-05	2.2901e-05	0.0000e+00
1374	0.0000e+00	0.0000e+00	1.0249e-03	6.5099e-06	1.8688e-05	0.0000e+00
1375	0.0000e+00	0.0000e+00	1.2036e-03	2.5782e-06	1.2978e-05	0.0000e+00

1376	0.0000e+00	0.0000e+00	1.2682e-03	7.7925e-07	9.5027e-06	0.0000e+00
1377	0.0000e+00	0.0000e+00	1.2813e-03	-8.4770e-08	8.2089e-06	0.0000e+00
1378	0.0000e+00	0.0000e+00	1.2610e-03	-9.9488e-07	8.9983e-06	0.0000e+00
1379	0.0000e+00	0.0000e+00	1.1838e-03	-2.9820e-06	1.1953e-05	0.0000e+00
1380	0.0000e+00	0.0000e+00	9.8193e-04	-7.2114e-06	1.7102e-05	0.0000e+00
1381	0.0000e+00	0.0000e+00	5.3859e-04	-1.4774e-05	2.0673e-05	0.0000e+00
1382	0.0000e+00	0.0000e+00	1.7482e-04	-5.9242e-07	1.7032e-05	0.0000e+00
1383	0.0000e+00	0.0000e+00	-2.8552e-04	3.3612e-07	8.5026e-06	0.0000e+00
1384	0.0000e+00	0.0000e+00	-6.8795e-05	8.8032e-06	1.0984e-05	0.0000e+00
1385	0.0000e+00	0.0000e+00	3.2969e-04	8.2947e-06	1.4300e-05	0.0000e+00
1386	0.0000e+00	0.0000e+00	6.1485e-04	5.0502e-06	1.4327e-05	0.0000e+00
1387	0.0000e+00	0.0000e+00	7.7007e-04	2.3286e-06	1.3541e-05	0.0000e+00
1388	0.0000e+00	0.0000e+00	8.2422e-04	2.3590e-07	1.2933e-05	0.0000e+00
1389	0.0000e+00	0.0000e+00	7.9015e-04	-1.9276e-06	1.2773e-05	0.0000e+00
1390	0.0000e+00	0.0000e+00	6.5020e-04	-4.8177e-06	1.2788e-05	0.0000e+00
1391	0.0000e+00	0.0000e+00	3.7155e-04	-8.3294e-06	1.1987e-05	0.0000e+00
1392	0.0000e+00	0.0000e+00	6.5270e-05	-9.1643e-06	7.9124e-06	0.0000e+00
1393	0.0000e+00	0.0000e+00	-2.8321e-04	-9.9661e-07	4.7587e-06	0.0000e+00
1394	0.0000e+00	0.0000e+00	-7.2676e-04	1.1729e-06	1.2983e-05	0.0000e+00
1395	0.0000e+00	0.0000e+00	-5.8302e-04	5.0366e-06	1.4396e-05	0.0000e+00
1396	0.0000e+00	0.0000e+00	-3.3634e-04	5.7370e-06	1.7846e-05	0.0000e+00
1397	0.0000e+00	0.0000e+00	-1.1252e-04	4.3589e-06	2.0117e-05	0.0000e+00
1398	0.0000e+00	0.0000e+00	3.5830e-05	2.5003e-06	2.0875e-05	0.0000e+00
1399	0.0000e+00	0.0000e+00	1.0587e-04	6.9201e-07	2.0671e-05	0.0000e+00
1400	0.0000e+00	0.0000e+00	9.5983e-05	-1.1853e-06	1.9766e-05	0.0000e+00
1401	0.0000e+00	0.0000e+00	1.7360e-05	-3.2201e-06	1.7907e-05	0.0000e+00
1402	0.0000e+00	0.0000e+00	-1.7544e-04	-4.9019e-06	1.4570e-05	0.0000e+00
1403	0.0000e+00	0.0000e+00	-3.9452e-04	-4.6323e-06	1.0154e-05	0.0000e+00
1404	0.0000e+00	0.0000e+00	-5.3189e-04	-1.3037e-06	8.0208e-06	0.0000e+00
1405	0.0000e+00	0.0000e+00	-1.5938e-03	2.0659e-06	2.7871e-05	0.0000e+00
1406	0.0000e+00	0.0000e+00	-1.4925e-03	2.4842e-06	2.8577e-05	0.0000e+00
1407	0.0000e+00	0.0000e+00	-1.3720e-03	2.8632e-06	3.1142e-05	0.0000e+00
1408	0.0000e+00	0.0000e+00	-1.2431e-03	2.8126e-06	3.3058e-05	0.0000e+00
1409	0.0000e+00	0.0000e+00	-1.1290e-03	2.2376e-06	3.3693e-05	0.0000e+00
1410	0.0000e+00	0.0000e+00	-1.0489e-03	1.3399e-06	3.3330e-05	0.0000e+00
1411	0.0000e+00	0.0000e+00	-1.0112e-03	3.7517e-07	3.2161e-05	0.0000e+00
1412	0.0000e+00	0.0000e+00	-1.0132e-03	-3.8232e-07	3.0003e-05	0.0000e+00
1413	0.0000e+00	0.0000e+00	-1.0423e-03	-8.1393e-07	2.6603e-05	0.0000e+00
1414	0.0000e+00	0.0000e+00	-1.0846e-03	-1.0538e-06	2.2671e-05	0.0000e+00
1415	0.0000e+00	0.0000e+00	-1.1413e-03	-1.5631e-06	2.0886e-05	0.0000e+00
1416	0.0000e+00	0.0000e+00	-3.3179e-03	3.3732e-06	5.2538e-05	0.0000e+00
1417	0.0000e+00	0.0000e+00	-3.2295e-03	9.2027e-07	5.2572e-05	0.0000e+00
1418	0.0000e+00	0.0000e+00	-3.1828e-03	1.3954e-06	5.3446e-05	0.0000e+00
1419	0.0000e+00	0.0000e+00	-3.0920e-03	2.4107e-06	5.2983e-05	0.0000e+00
1420	0.0000e+00	0.0000e+00	-2.9742e-03	2.6393e-06	5.1938e-05	0.0000e+00
1421	0.0000e+00	0.0000e+00	-2.8647e-03	2.2118e-06	5.0859e-05	0.0000e+00
1422	0.0000e+00	0.0000e+00	-2.7799e-03	1.7220e-06	4.9934e-05	0.0000e+00
1423	0.0000e+00	0.0000e+00	-2.7092e-03	1.7534e-06	4.8970e-05	0.0000e+00
1424	0.0000e+00	0.0000e+00	-2.6249e-03	2.3981e-06	4.7424e-05	0.0000e+00
1425	0.0000e+00	0.0000e+00	-2.5216e-03	2.1439e-06	4.4576e-05	0.0000e+00
1426	0.0000e+00	0.0000e+00	-2.5038e-03	-1.6801e-06	4.2735e-05	0.0000e+00
1427	0.0000e+00	0.0000e+00	-6.3561e-03	5.5122e-06	8.9073e-05	0.0000e+00
1428	0.0000e+00	0.0000e+00	-6.2341e-03	8.5442e-07	8.7451e-05	0.0000e+00
1429	0.0000e+00	0.0000e+00	-6.1201e-03	3.6966e-06	8.2580e-05	0.0000e+00
1430	0.0000e+00	0.0000e+00	-5.9109e-03	5.1085e-06	7.7023e-05	0.0000e+00
1431	0.0000e+00	0.0000e+00	-5.6863e-03	4.7024e-06	7.2960e-05	0.0000e+00
1432	0.0000e+00	0.0000e+00	-5.5069e-03	3.3150e-06	7.0774e-05	0.0000e+00
1433	0.0000e+00	0.0000e+00	-5.3953e-03	1.8717e-06	7.0519e-05	0.0000e+00
1434	0.0000e+00	0.0000e+00	-5.3341e-03	1.2789e-06	7.2111e-05	0.0000e+00
1435	0.0000e+00	0.0000e+00	-5.2695e-03	2.3332e-06	7.5136e-05	0.0000e+00
1436	0.0000e+00	0.0000e+00	-5.1336e-03	4.6752e-06	7.7375e-05	0.0000e+00
1437	0.0000e+00	0.0000e+00	-5.0509e-03	-1.6261e-06	7.6238e-05	0.0000e+00
1438	0.0000e+00	0.0000e+00	-1.0978e-02	1.2544e-05	1.2953e-04	0.0000e+00
1439	0.0000e+00	0.0000e+00	-1.0348e-02	1.3491e-05	1.1086e-04	0.0000e+00
1440	0.0000e+00	0.0000e+00	-9.7502e-03	1.1893e-05	9.8670e-05	0.0000e+00
1441	0.0000e+00	0.0000e+00	-9.2754e-03	8.6467e-06	9.1326e-05	0.0000e+00
1442	0.0000e+00	0.0000e+00	-8.9766e-03	4.5808e-06	8.8059e-05	0.0000e+00
1443	0.0000e+00	0.0000e+00	-8.8722e-03	5.1678e-07	8.8630e-05	0.0000e+00
1444	0.0000e+00	0.0000e+00	-8.9471e-03	-2.9322e-06	9.3221e-05	0.0000e+00
1445	0.0000e+00	0.0000e+00	-9.1534e-03	-4.8473e-06	1.0254e-04	0.0000e+00
1446	0.0000e+00	0.0000e+00	-9.4095e-03	-4.5153e-06	1.1817e-04	0.0000e+00
1447	0.0000e+00	0.0000e+00	4.3130e-04	1.3433e-05	2.0634e-05	0.0000e+00

1448	0.0000e+00	0.0000e+00	7.9683e-04	6.5582e-06	1.9216e-05	0.0000e+00
1449	0.0000e+00	0.0000e+00	9.4012e-04	1.7692e-06	1.5112e-05	0.0000e+00
1450	0.0000e+00	0.0000e+00	9.4436e-04	-9.7039e-07	1.2786e-05	0.0000e+00
1451	0.0000e+00	0.0000e+00	8.6944e-04	-2.4947e-06	1.2467e-05	0.0000e+00
1452	0.0000e+00	0.0000e+00	7.4846e-04	-3.4604e-06	1.4076e-05	0.0000e+00
1453	0.0000e+00	0.0000e+00	5.9277e-04	-4.3649e-06	1.7488e-05	0.0000e+00
1454	0.0000e+00	0.0000e+00	3.9757e-04	-5.5629e-06	2.2576e-05	0.0000e+00
1455	0.0000e+00	0.0000e+00	1.4757e-04	-7.0562e-06	2.8163e-05	0.0000e+00
1456	0.0000e+00	0.0000e+00	-8.1094e-05	-4.6564e-06	3.5536e-05	0.0000e+00
1457	0.0000e+00	0.0000e+00	-1.6083e-04	6.5363e-06	8.1350e-06	0.0000e+00
1458	0.0000e+00	0.0000e+00	1.3868e-04	6.2597e-06	1.2710e-05	0.0000e+00
1459	0.0000e+00	0.0000e+00	3.0100e-04	2.6433e-06	1.4680e-05	0.0000e+00
1460	0.0000e+00	0.0000e+00	3.2707e-04	-9.0895e-07	1.5862e-05	0.0000e+00
1461	0.0000e+00	0.0000e+00	2.3028e-04	-3.8118e-06	1.7296e-05	0.0000e+00
1462	0.0000e+00	0.0000e+00	6.5934e-05	-6.2535e-06	1.9469e-05	0.0000e+00
1463	0.0000e+00	0.0000e+00	-2.8316e-04	-8.5183e-06	2.2480e-05	0.0000e+00
1464	0.0000e+00	0.0000e+00	-6.5922e-04	-1.0586e-05	2.6148e-05	0.0000e+00
1465	0.0000e+00	0.0000e+00	-1.1033e-03	-1.1587e-05	2.9553e-05	0.0000e+00
1466	0.0000e+00	0.0000e+00	-1.5293e-03	-9.3945e-06	3.5295e-05	0.0000e+00
1467	0.0000e+00	0.0000e+00	-5.2022e-04	1.5745e-06	1.0383e-05	0.0000e+00
1468	0.0000e+00	0.0000e+00	-4.4683e-04	1.6931e-06	1.4914e-05	0.0000e+00
1469	0.0000e+00	0.0000e+00	-4.1907e-04	-3.4067e-07	1.9012e-05	0.0000e+00
1470	0.0000e+00	0.0000e+00	-4.9315e-04	-3.2428e-06	2.2123e-05	0.0000e+00
1471	0.0000e+00	0.0000e+00	-6.8348e-04	-6.2051e-06	2.4696e-05	0.0000e+00
1472	0.0000e+00	0.0000e+00	-9.8939e-04	-9.0832e-06	2.7206e-05	0.0000e+00
1473	0.0000e+00	0.0000e+00	-1.4066e-03	-1.1802e-05	2.9865e-05	0.0000e+00
1474	0.0000e+00	0.0000e+00	-1.9238e-03	-1.4046e-05	3.2678e-05	0.0000e+00
1475	0.0000e+00	0.0000e+00	-2.5085e-03	-1.5024e-05	3.5309e-05	0.0000e+00
1476	0.0000e+00	0.0000e+00	-3.0839e-03	-1.3467e-05	4.0334e-05	0.0000e+00
1477	0.0000e+00	0.0000e+00	-1.2171e-03	-2.2779e-06	2.2775e-05	0.0000e+00
1478	0.0000e+00	0.0000e+00	-1.3229e-03	-3.1353e-06	2.6669e-05	0.0000e+00
1479	0.0000e+00	0.0000e+00	-1.4711e-03	-4.4635e-06	3.0536e-05	0.0000e+00
1480	0.0000e+00	0.0000e+00	-1.6860e-03	-6.4465e-06	3.3646e-05	0.0000e+00
1481	0.0000e+00	0.0000e+00	-1.9920e-03	-8.9710e-06	3.6190e-05	0.0000e+00
1482	0.0000e+00	0.0000e+00	-2.4057e-03	-1.1779e-05	3.8534e-05	0.0000e+00
1483	0.0000e+00	0.0000e+00	-2.9321e-03	-1.4543e-05	4.0877e-05	0.0000e+00
1484	0.0000e+00	0.0000e+00	-3.5608e-03	-1.6828e-05	4.3274e-05	0.0000e+00
1485	0.0000e+00	0.0000e+00	-4.2610e-03	-1.8022e-05	4.5552e-05	0.0000e+00
1486	0.0000e+00	0.0000e+00	-4.9687e-03	-1.7091e-05	5.0024e-05	0.0000e+00
1487	0.0000e+00	0.0000e+00	-2.6530e-03	-5.5749e-06	4.4414e-05	0.0000e+00
1488	0.0000e+00	0.0000e+00	-2.9024e-03	-6.8690e-06	4.7178e-05	0.0000e+00
1489	0.0000e+00	0.0000e+00	-3.1797e-03	-7.4345e-06	4.8982e-05	0.0000e+00
1490	0.0000e+00	0.0000e+00	-3.4956e-03	-8.8071e-06	5.0272e-05	0.0000e+00
1491	0.0000e+00	0.0000e+00	-3.8888e-03	-1.1148e-05	5.1559e-05	0.0000e+00
1492	0.0000e+00	0.0000e+00	-4.3901e-03	-1.4057e-05	5.3165e-05	0.0000e+00
1493	0.0000e+00	0.0000e+00	-5.0109e-03	-1.6976e-05	5.5174e-05	0.0000e+00
1494	0.0000e+00	0.0000e+00	-5.7399e-03	-1.9337e-05	5.7496e-05	0.0000e+00
1495	0.0000e+00	0.0000e+00	-6.5446e-03	-2.0700e-05	5.9715e-05	0.0000e+00
1496	0.0000e+00	0.0000e+00	-7.3736e-03	-2.0495e-05	6.3739e-05	0.0000e+00
1497	0.0000e+00	0.0000e+00	-5.2501e-03	-8.2687e-06	7.6850e-05	0.0000e+00
1498	0.0000e+00	0.0000e+00	-5.5370e-03	-7.0325e-06	7.5005e-05	0.0000e+00
1499	0.0000e+00	0.0000e+00	-5.7971e-03	-6.8826e-06	7.1797e-05	0.0000e+00
1500	0.0000e+00	0.0000e+00	-6.0956e-03	-8.6531e-06	6.9462e-05	0.0000e+00
1501	0.0000e+00	0.0000e+00	-6.4974e-03	-1.1814e-05	6.8460e-05	0.0000e+00
1502	0.0000e+00	0.0000e+00	-7.0430e-03	-1.5657e-05	6.8847e-05	0.0000e+00
1503	0.0000e+00	0.0000e+00	-7.7440e-03	-1.9412e-05	7.0533e-05	0.0000e+00
1504	0.0000e+00	0.0000e+00	-8.5804e-03	-2.2257e-05	7.3306e-05	0.0000e+00
1505	0.0000e+00	0.0000e+00	-9.5029e-03	-2.3579e-05	7.6418e-05	0.0000e+00
1506	0.0000e+00	0.0000e+00	-1.0458e-02	-2.3988e-05	8.0804e-05	0.0000e+00
1507	0.0000e+00	0.0000e+00	-9.5389e-03	1.3614e-06	1.1922e-04	0.0000e+00
1508	0.0000e+00	0.0000e+00	-9.4340e-03	1.2746e-06	1.0331e-04	0.0000e+00
1509	0.0000e+00	0.0000e+00	-9.3897e-03	-9.6842e-07	9.2655e-05	0.0000e+00
1510	0.0000e+00	0.0000e+00	-9.4888e-03	-5.1973e-06	8.5900e-05	0.0000e+00
1511	0.0000e+00	0.0000e+00	-9.7875e-03	-1.0447e-05	8.2194e-05	0.0000e+00
1512	0.0000e+00	0.0000e+00	-1.0317e-02	-1.6117e-05	8.1053e-05	0.0000e+00
1513	0.0000e+00	0.0000e+00	-1.1081e-02	-2.1491e-05	8.2217e-05	0.0000e+00
1514	0.0000e+00	0.0000e+00	-1.2053e-02	-2.5775e-05	8.5622e-05	0.0000e+00
1515	0.0000e+00	0.0000e+00	-1.3173e-02	-2.8082e-05	9.1376e-05	0.0000e+00
1516	0.0000e+00	0.0000e+00	6.2160e-04	1.5088e-05	2.4487e-05	0.0000e+00
1517	0.0000e+00	0.0000e+00	1.0577e-03	8.1087e-06	2.4320e-05	0.0000e+00
1518	0.0000e+00	0.0000e+00	1.2523e-03	2.4546e-06	2.1951e-05	0.0000e+00
1519	0.0000e+00	0.0000e+00	1.2525e-03	-2.4474e-06	2.1951e-05	0.0000e+00

1520	0.0000e+00	0.0000e+00	1.0584e-03	-8.1012e-06	2.4319e-05	0.0000e+00
1521	0.0000e+00	0.0000e+00	6.2316e-04	-1.5075e-05	2.4490e-05	0.0000e+00
1522	0.0000e+00	0.0000e+00	-1.2664e-04	7.3889e-06	1.2390e-05	0.0000e+00
1523	0.0000e+00	0.0000e+00	1.7912e-04	6.9357e-06	1.7252e-05	0.0000e+00
1524	0.0000e+00	0.0000e+00	3.6686e-04	2.5394e-06	1.9053e-05	0.0000e+00
1525	0.0000e+00	0.0000e+00	3.6683e-04	-2.5415e-06	1.9065e-05	0.0000e+00
1526	0.0000e+00	0.0000e+00	1.7910e-04	-6.9414e-06	1.7289e-05	0.0000e+00
1527	0.0000e+00	0.0000e+00	-1.2804e-04	-7.4044e-06	1.2464e-05	0.0000e+00
1528	0.0000e+00	0.0000e+00	-6.9999e-04	2.2567e-06	1.5621e-05	0.0000e+00
1529	0.0000e+00	0.0000e+00	-5.8881e-04	2.8615e-06	1.9778e-05	0.0000e+00
1530	0.0000e+00	0.0000e+00	-5.0472e-04	1.1850e-06	2.2434e-05	0.0000e+00
1531	0.0000e+00	0.0000e+00	-5.0557e-04	-1.2273e-06	2.2462e-05	0.0000e+00
1532	0.0000e+00	0.0000e+00	-5.9157e-04	-2.9139e-06	1.9865e-05	0.0000e+00
1533	0.0000e+00	0.0000e+00	-7.0531e-04	-2.3322e-06	1.5777e-05	0.0000e+00
1534	0.0000e+00	0.0000e+00	-1.6698e-03	-1.6132e-06	3.0277e-05	0.0000e+00
1535	0.0000e+00	0.0000e+00	-1.7213e-03	-9.7101e-07	3.3936e-05	0.0000e+00
1536	0.0000e+00	0.0000e+00	-1.7465e-03	-3.4109e-07	3.6396e-05	0.0000e+00
1537	0.0000e+00	0.0000e+00	-1.7489e-03	2.1987e-07	3.6442e-05	0.0000e+00
1538	0.0000e+00	0.0000e+00	-1.7290e-03	8.3350e-07	3.4078e-05	0.0000e+00
1539	0.0000e+00	0.0000e+00	-1.6838e-03	1.4418e-06	3.0523e-05	0.0000e+00
1540	0.0000e+00	0.0000e+00	-3.5054e-03	-5.5297e-06	5.5541e-05	0.0000e+00
1541	0.0000e+00	0.0000e+00	-3.7102e-03	-4.4189e-06	5.9130e-05	0.0000e+00
1542	0.0000e+00	0.0000e+00	-3.8299e-03	-1.6444e-06	6.0956e-05	0.0000e+00
1543	0.0000e+00	0.0000e+00	-3.8348e-03	1.4032e-06	6.1021e-05	0.0000e+00
1544	0.0000e+00	0.0000e+00	-3.7254e-03	4.1557e-06	5.9329e-05	0.0000e+00
1545	0.0000e+00	0.0000e+00	-3.5322e-03	5.2218e-06	5.5882e-05	0.0000e+00
1546	0.0000e+00	0.0000e+00	-6.6766e-03	-1.0194e-05	9.2214e-05	0.0000e+00
1547	0.0000e+00	0.0000e+00	-6.9916e-03	-6.2171e-06	9.2973e-05	0.0000e+00
1548	0.0000e+00	0.0000e+00	-7.1480e-03	-2.0878e-06	9.2355e-05	0.0000e+00
1549	0.0000e+00	0.0000e+00	-7.1562e-03	1.6877e-06	9.2437e-05	0.0000e+00
1550	0.0000e+00	0.0000e+00	-7.0166e-03	5.7885e-06	9.3223e-05	0.0000e+00
1551	0.0000e+00	0.0000e+00	-6.7201e-03	9.7090e-06	9.2641e-05	0.0000e+00
1552	0.0000e+00	0.0000e+00	-1.1708e-02	-4.0027e-06	1.3790e-04	0.0000e+00
1553	0.0000e+00	0.0000e+00	-1.1789e-02	-1.6620e-06	1.2656e-04	0.0000e+00
1554	0.0000e+00	0.0000e+00	-1.1817e-02	-6.1197e-07	1.2137e-04	0.0000e+00
1555	0.0000e+00	0.0000e+00	-1.1829e-02	-6.6598e-08	1.2146e-04	0.0000e+00
1556	0.0000e+00	0.0000e+00	-1.1825e-02	1.0215e-06	1.2685e-04	0.0000e+00
1557	0.0000e+00	0.0000e+00	-1.1771e-02	3.2948e-06	1.3837e-04	0.0000e+00
1558	0.0000e+00	0.0000e+00	6.2237e-04	1.5100e-05	2.4507e-05	0.0000e+00
1559	0.0000e+00	0.0000e+00	1.0583e-03	8.1068e-06	2.4330e-05	0.0000e+00
1560	0.0000e+00	0.0000e+00	1.2525e-03	2.4449e-06	2.1956e-05	0.0000e+00
1561	0.0000e+00	0.0000e+00	1.2521e-03	-2.4581e-06	2.1951e-05	0.0000e+00
1562	0.0000e+00	0.0000e+00	1.0575e-03	-8.1061e-06	2.4315e-05	0.0000e+00
1563	0.0000e+00	0.0000e+00	6.2163e-04	-1.5069e-05	2.4476e-05	0.0000e+00
1564	0.0000e+00	0.0000e+00	-1.2860e-04	7.4249e-06	1.2470e-05	0.0000e+00
1565	0.0000e+00	0.0000e+00	1.7854e-04	6.9519e-06	1.7296e-05	0.0000e+00
1566	0.0000e+00	0.0000e+00	3.6666e-04	2.5450e-06	1.9068e-05	0.0000e+00
1567	0.0000e+00	0.0000e+00	3.6679e-04	-2.5369e-06	1.9051e-05	0.0000e+00
1568	0.0000e+00	0.0000e+00	1.7915e-04	-6.9277e-06	1.7244e-05	0.0000e+00
1569	0.0000e+00	0.0000e+00	-1.2565e-04	-7.3710e-06	1.2380e-05	0.0000e+00
1570	0.0000e+00	0.0000e+00	-7.0660e-04	2.3479e-06	1.5780e-05	0.0000e+00
1571	0.0000e+00	0.0000e+00	-5.9233e-04	2.9253e-06	1.9869e-05	0.0000e+00
1572	0.0000e+00	0.0000e+00	-5.0596e-04	1.2349e-06	2.2465e-05	0.0000e+00
1573	0.0000e+00	0.0000e+00	-5.0480e-04	-1.1778e-06	2.2433e-05	0.0000e+00
1574	0.0000e+00	0.0000e+00	-5.8850e-04	-2.8511e-06	1.9773e-05	0.0000e+00
1575	0.0000e+00	0.0000e+00	-6.9911e-04	-2.2421e-06	1.5613e-05	0.0000e+00
1576	0.0000e+00	0.0000e+00	-1.6852e-03	-1.4280e-06	3.0528e-05	0.0000e+00
1577	0.0000e+00	0.0000e+00	-1.7299e-03	-8.2182e-07	3.4083e-05	0.0000e+00
1578	0.0000e+00	0.0000e+00	-1.7494e-03	-2.1113e-07	3.6446e-05	0.0000e+00
1579	0.0000e+00	0.0000e+00	-1.7465e-03	3.5255e-07	3.6398e-05	0.0000e+00
1580	0.0000e+00	0.0000e+00	-1.7208e-03	9.8476e-07	3.3935e-05	0.0000e+00
1581	0.0000e+00	0.0000e+00	-1.6687e-03	1.6303e-06	3.0275e-05	0.0000e+00
1582	0.0000e+00	0.0000e+00	-3.5339e-03	-5.2083e-06	5.5890e-05	0.0000e+00
1583	0.0000e+00	0.0000e+00	-3.7266e-03	-4.1443e-06	5.9337e-05	0.0000e+00
1584	0.0000e+00	0.0000e+00	-3.8355e-03	-1.3939e-06	6.1029e-05	0.0000e+00
1585	0.0000e+00	0.0000e+00	-3.8301e-03	1.6562e-06	6.0963e-05	0.0000e+00
1586	0.0000e+00	0.0000e+00	-3.7099e-03	4.4332e-06	5.9136e-05	0.0000e+00
1587	0.0000e+00	0.0000e+00	-3.5044e-03	5.5474e-06	5.5545e-05	0.0000e+00
1588	0.0000e+00	0.0000e+00	-6.7223e-03	-9.6945e-06	9.2654e-05	0.0000e+00
1589	0.0000e+00	0.0000e+00	-7.0182e-03	-5.7779e-06	9.3236e-05	0.0000e+00
1590	0.0000e+00	0.0000e+00	-7.1573e-03	-1.6803e-06	9.2451e-05	0.0000e+00
1591	0.0000e+00	0.0000e+00	-7.1487e-03	2.0997e-06	9.2369e-05	0.0000e+00

1592	0.0000e+00	0.0000e+00	-6.9917e-03	6.2318e-06	9.2988e-05	0.0000e+00
1593	0.0000e+00	0.0000e+00	-6.6759e-03	1.0214e-05	9.2227e-05	0.0000e+00
1594	0.0000e+00	0.0000e+00	-1.1774e-02	-3.2769e-06	1.3839e-04	0.0000e+00
1595	0.0000e+00	0.0000e+00	-1.1828e-02	-1.0121e-06	1.2687e-04	0.0000e+00
1596	0.0000e+00	0.0000e+00	-1.1831e-02	1.2324e-07	1.2148e-04	0.0000e+00
1597	0.0000e+00	0.0000e+00	-1.1819e-02	6.3408e-07	1.2139e-04	0.0000e+00
1598	0.0000e+00	0.0000e+00	-1.1790e-02	1.6827e-06	1.2658e-04	0.0000e+00
1599	0.0000e+00	0.0000e+00	-1.1708e-02	4.0288e-06	1.3792e-04	0.0000e+00
1600	0.0000e+00	0.0000e+00	5.6527e-04	1.4602e-05	2.2314e-05	0.0000e+00
1601	0.0000e+00	0.0000e+00	1.0040e-03	7.1872e-06	1.9656e-05	0.0000e+00
1602	0.0000e+00	0.0000e+00	1.1997e-03	2.6616e-06	1.5677e-05	0.0000e+00
1603	0.0000e+00	0.0000e+00	1.2469e-03	-2.4388e-07	1.4365e-05	0.0000e+00
1604	0.0000e+00	0.0000e+00	1.1794e-03	-3.0930e-06	1.5920e-05	0.0000e+00
1605	0.0000e+00	0.0000e+00	9.6831e-04	-7.4530e-06	2.0165e-05	0.0000e+00
1606	0.0000e+00	0.0000e+00	5.2367e-04	-1.4613e-05	2.3130e-05	0.0000e+00
1607	0.0000e+00	0.0000e+00	1.7422e-04	9.7633e-09	1.8760e-05	0.0000e+00
1608	0.0000e+00	0.0000e+00	-8.4358e-05	8.2832e-06	9.7629e-06	0.0000e+00
1609	0.0000e+00	0.0000e+00	2.8716e-04	7.5326e-06	1.4294e-05	0.0000e+00
1610	0.0000e+00	0.0000e+00	5.2442e-04	3.6039e-06	1.5546e-05	0.0000e+00
1611	0.0000e+00	0.0000e+00	5.9220e-04	-3.5634e-07	1.5813e-05	0.0000e+00
1612	0.0000e+00	0.0000e+00	4.9418e-04	-4.2763e-06	1.5746e-05	0.0000e+00
1613	0.0000e+00	0.0000e+00	2.3055e-04	-8.0789e-06	1.4732e-05	0.0000e+00
1614	0.0000e+00	0.0000e+00	-1.5783e-04	-8.6226e-06	1.0486e-05	0.0000e+00
1615	0.0000e+00	0.0000e+00	-3.6534e-04	5.8878e-09	7.1461e-06	0.0000e+00
1616	0.0000e+00	0.0000e+00	-5.2497e-04	3.4039e-06	1.2346e-05	0.0000e+00
1617	0.0000e+00	0.0000e+00	-3.5601e-04	3.8863e-06	1.6820e-05	0.0000e+00
1618	0.0000e+00	0.0000e+00	-2.2346e-04	2.0917e-06	1.9895e-05	0.0000e+00
1619	0.0000e+00	0.0000e+00	-1.8711e-04	-4.1995e-07	2.0894e-05	0.0000e+00
1620	0.0000e+00	0.0000e+00	-2.5908e-04	-2.9232e-06	1.9936e-05	0.0000e+00
1621	0.0000e+00	0.0000e+00	-4.2675e-04	-4.6626e-06	1.6984e-05	0.0000e+00
1622	0.0000e+00	0.0000e+00	-6.2648e-04	-4.0197e-06	1.2732e-05	0.0000e+00
1623	0.0000e+00	0.0000e+00	-7.2169e-04	3.4678e-09	1.0474e-05	0.0000e+00
1624	0.0000e+00	0.0000e+00	-1.3231e-03	-3.2184e-07	2.5500e-05	0.0000e+00
1625	0.0000e+00	0.0000e+00	-1.3279e-03	9.7547e-08	2.9307e-05	0.0000e+00
1626	0.0000e+00	0.0000e+00	-1.3243e-03	8.2387e-08	3.2129e-05	0.0000e+00
1627	0.0000e+00	0.0000e+00	-1.3299e-03	-3.5700e-07	3.2982e-05	0.0000e+00
1628	0.0000e+00	0.0000e+00	-1.3553e-03	-7.8438e-07	3.1816e-05	0.0000e+00
1629	0.0000e+00	0.0000e+00	-1.3941e-03	-8.8367e-07	2.8859e-05	0.0000e+00
1630	0.0000e+00	0.0000e+00	-1.4272e-03	-5.2814e-07	2.5168e-05	0.0000e+00
1631	0.0000e+00	0.0000e+00	-1.4392e-03	3.7773e-09	2.3359e-05	0.0000e+00
1632	0.0000e+00	0.0000e+00	-2.9028e-03	-3.5794e-06	4.8423e-05	0.0000e+00
1633	0.0000e+00	0.0000e+00	-3.0481e-03	-2.9522e-06	5.1212e-05	0.0000e+00
1634	0.0000e+00	0.0000e+00	-3.1345e-03	-1.3262e-06	5.2340e-05	0.0000e+00
1635	0.0000e+00	0.0000e+00	-3.1602e-03	-6.3256e-08	5.2302e-05	0.0000e+00
1636	0.0000e+00	0.0000e+00	-3.1396e-03	1.0517e-06	5.1394e-05	0.0000e+00
1637	0.0000e+00	0.0000e+00	-3.0721e-03	2.2492e-06	4.9583e-05	0.0000e+00
1638	0.0000e+00	0.0000e+00	-2.9649e-03	2.5515e-06	4.6673e-05	0.0000e+00
1639	0.0000e+00	0.0000e+00	-2.9039e-03	7.9289e-09	4.4910e-05	0.0000e+00
1640	0.0000e+00	0.0000e+00	-5.7056e-03	-6.2942e-06	8.2406e-05	0.0000e+00
1641	0.0000e+00	0.0000e+00	-5.8871e-03	-2.8731e-06	8.0392e-05	0.0000e+00
1642	0.0000e+00	0.0000e+00	-5.9460e-03	-5.3240e-07	7.7461e-05	0.0000e+00
1643	0.0000e+00	0.0000e+00	-5.9366e-03	6.6550e-07	7.5758e-05	0.0000e+00
1644	0.0000e+00	0.0000e+00	-5.8915e-03	1.5208e-06	7.5623e-05	0.0000e+00
1645	0.0000e+00	0.0000e+00	-5.8028e-03	3.0429e-06	7.6880e-05	0.0000e+00
1646	0.0000e+00	0.0000e+00	-5.6379e-03	5.1989e-06	7.7858e-05	0.0000e+00
1647	0.0000e+00	0.0000e+00	-5.5118e-03	1.1961e-08	7.6558e-05	0.0000e+00
1648	0.0000e+00	0.0000e+00	-1.0220e-02	2.6365e-06	1.2411e-04	0.0000e+00
1649	0.0000e+00	0.0000e+00	-1.0026e-02	4.0612e-06	1.0902e-04	0.0000e+00
1650	0.0000e+00	0.0000e+00	-9.8319e-03	3.4546e-06	1.0038e-04	0.0000e+00
1651	0.0000e+00	0.0000e+00	-9.7057e-03	1.7037e-06	9.6769e-05	0.0000e+00
1652	0.0000e+00	0.0000e+00	-9.6787e-03	-3.3720e-07	9.7720e-05	0.0000e+00
1653	0.0000e+00	0.0000e+00	-9.7447e-03	-1.8155e-06	1.0353e-04	0.0000e+00
1654	0.0000e+00	0.0000e+00	-9.8608e-03	-1.9143e-06	1.1537e-04	0.0000e+00
1655	0.0000e+00	0.0000e+00	5.2501e-04	1.4628e-05	2.3146e-05	0.0000e+00
1656	0.0000e+00	0.0000e+00	9.6983e-04	7.4476e-06	2.0174e-05	0.0000e+00
1657	0.0000e+00	0.0000e+00	1.1805e-03	3.0789e-06	1.5923e-05	0.0000e+00
1658	0.0000e+00	0.0000e+00	1.2473e-03	2.2771e-07	1.4365e-05	0.0000e+00
1659	0.0000e+00	0.0000e+00	1.1994e-03	-2.6749e-06	1.5673e-05	0.0000e+00
1660	0.0000e+00	0.0000e+00	1.0034e-03	-7.1916e-06	1.9647e-05	0.0000e+00
1661	0.0000e+00	0.0000e+00	5.6478e-04	-1.4587e-05	2.2300e-05	0.0000e+00
1662	0.0000e+00	0.0000e+00	-1.5700e-04	8.6362e-06	1.0495e-05	0.0000e+00
1663	0.0000e+00	0.0000e+00	2.3167e-04	8.0786e-06	1.4741e-05	0.0000e+00



1664	0.0000e+00	0.0000e+00	4.9508e-04	4.2672e-06	1.5750e-05	0.0000e+00
1665	0.0000e+00	0.0000e+00	5.9263e-04	3.4461e-07	1.5812e-05	0.0000e+00
1666	0.0000e+00	0.0000e+00	5.2438e-04	-3.6127e-06	1.5541e-05	0.0000e+00
1667	0.0000e+00	0.0000e+00	2.8691e-04	-7.5326e-06	1.4285e-05	0.0000e+00
1668	0.0000e+00	0.0000e+00	-8.4344e-05	-8.2697e-06	9.7527e-06	0.0000e+00
1669	0.0000e+00	0.0000e+00	-6.2591e-04	4.0298e-06	1.2736e-05	0.0000e+00
1670	0.0000e+00	0.0000e+00	-4.2591e-04	4.6642e-06	1.6989e-05	0.0000e+00
1671	0.0000e+00	0.0000e+00	-2.5832e-04	2.9181e-06	1.9938e-05	0.0000e+00
1672	0.0000e+00	0.0000e+00	-1.8662e-04	4.1238e-07	2.0893e-05	0.0000e+00
1673	0.0000e+00	0.0000e+00	-2.2325e-04	-2.0967e-06	1.9891e-05	0.0000e+00
1674	0.0000e+00	0.0000e+00	-3.5591e-04	-3.8846e-06	1.6813e-05	0.0000e+00
1675	0.0000e+00	0.0000e+00	-5.2463e-04	-3.3943e-06	1.2340e-05	0.0000e+00
1676	0.0000e+00	0.0000e+00	-1.4267e-03	5.3699e-07	2.5169e-05	0.0000e+00
1677	0.0000e+00	0.0000e+00	-1.3934e-03	8.8627e-07	2.8860e-05	0.0000e+00
1678	0.0000e+00	0.0000e+00	-1.3546e-03	7.8148e-07	3.1817e-05	0.0000e+00
1679	0.0000e+00	0.0000e+00	-1.3294e-03	3.5163e-07	3.2981e-05	0.0000e+00
1680	0.0000e+00	0.0000e+00	-1.3240e-03	-7.9507e-08	3.2126e-05	0.0000e+00
1681	0.0000e+00	0.0000e+00	-1.3276e-03	-9.5093e-08	2.9304e-05	0.0000e+00
1682	0.0000e+00	0.0000e+00	-1.3225e-03	3.2918e-07	2.5497e-05	0.0000e+00
1683	0.0000e+00	0.0000e+00	-2.9645e-03	-2.5436e-06	4.6671e-05	0.0000e+00
1684	0.0000e+00	0.0000e+00	-3.0714e-03	-2.2476e-06	4.9581e-05	0.0000e+00
1685	0.0000e+00	0.0000e+00	-3.1389e-03	-1.0552e-06	5.1393e-05	0.0000e+00
1686	0.0000e+00	0.0000e+00	-3.1597e-03	5.5527e-08	5.2301e-05	0.0000e+00
1687	0.0000e+00	0.0000e+00	-3.1342e-03	1.3225e-06	5.2340e-05	0.0000e+00
1688	0.0000e+00	0.0000e+00	-3.0477e-03	2.9536e-06	5.1213e-05	0.0000e+00
1689	0.0000e+00	0.0000e+00	-2.9022e-03	3.5865e-06	4.8424e-05	0.0000e+00
1690	0.0000e+00	0.0000e+00	-5.6374e-03	-5.1903e-06	7.7854e-05	0.0000e+00
1691	0.0000e+00	0.0000e+00	-5.8020e-03	-3.0426e-06	7.6877e-05	0.0000e+00
1692	0.0000e+00	0.0000e+00	-5.8908e-03	-1.5257e-06	7.5621e-05	0.0000e+00
1693	0.0000e+00	0.0000e+00	-5.9360e-03	-6.7082e-07	7.5758e-05	0.0000e+00
1694	0.0000e+00	0.0000e+00	-5.9457e-03	5.2488e-07	7.7464e-05	0.0000e+00
1695	0.0000e+00	0.0000e+00	-5.8869e-03	2.8725e-06	8.0397e-05	0.0000e+00
1696	0.0000e+00	0.0000e+00	-5.7052e-03	6.3015e-06	8.2412e-05	0.0000e+00
1697	0.0000e+00	0.0000e+00	-9.8601e-03	1.9257e-06	1.1537e-04	0.0000e+00
1698	0.0000e+00	0.0000e+00	-9.7438e-03	1.8169e-06	1.0353e-04	0.0000e+00
1699	0.0000e+00	0.0000e+00	-9.6780e-03	3.3150e-07	9.7720e-05	0.0000e+00
1700	0.0000e+00	0.0000e+00	-9.7053e-03	-1.7097e-06	9.6771e-05	0.0000e+00
1701	0.0000e+00	0.0000e+00	-9.8317e-03	-3.4594e-06	1.0038e-04	0.0000e+00
1702	0.0000e+00	0.0000e+00	-1.0026e-02	-4.0613e-06	1.0902e-04	0.0000e+00
1703	0.0000e+00	0.0000e+00	-1.0220e-02	-2.6282e-06	1.2412e-04	0.0000e+00
1704	0.0000e+00	0.0000e+00	-2.4528e-04	2.6186e-06	3.8466e-05	0.0000e+00
1705	0.0000e+00	0.0000e+00	-1.9159e-03	7.9202e-06	3.7955e-05	0.0000e+00
1706	0.0000e+00	0.0000e+00	-3.6629e-03	1.2321e-05	4.2477e-05	0.0000e+00
1707	0.0000e+00	0.0000e+00	-5.7141e-03	1.6076e-05	5.2020e-05	0.0000e+00
1708	0.0000e+00	0.0000e+00	-8.2754e-03	1.9613e-05	6.5960e-05	0.0000e+00
1709	0.0000e+00	0.0000e+00	-1.1514e-02	2.3130e-05	8.2996e-05	0.0000e+00
1710	0.0000e+00	0.0000e+00	-2.4043e-04	-2.6175e-06	3.8492e-05	0.0000e+00
1711	0.0000e+00	0.0000e+00	-1.9082e-03	-7.8702e-06	3.7983e-05	0.0000e+00
1712	0.0000e+00	0.0000e+00	-3.6564e-03	-1.2271e-05	4.2506e-05	0.0000e+00
1713	0.0000e+00	0.0000e+00	-5.7089e-03	-1.6028e-05	5.2049e-05	0.0000e+00
1714	0.0000e+00	0.0000e+00	-8.2714e-03	-1.9566e-05	6.5988e-05	0.0000e+00
1715	0.0000e+00	0.0000e+00	-1.1511e-02	-2.3082e-05	8.3025e-05	0.0000e+00
1716	0.0000e+00	0.0000e+00	9.7163e-03	2.4208e-05	6.3737e-05	0.0000e+00
1717	0.0000e+00	0.0000e+00	7.3405e-03	2.1776e-05	4.5107e-05	0.0000e+00
1718	0.0000e+00	0.0000e+00	5.7267e-03	1.9737e-05	2.9035e-05	0.0000e+00
1719	0.0000e+00	0.0000e+00	4.7465e-03	1.7964e-05	1.6759e-05	0.0000e+00
1720	0.0000e+00	0.0000e+00	4.2440e-03	1.6188e-05	-8.9039e-06	0.0000e+00
1721	0.0000e+00	0.0000e+00	4.0366e-03	1.4183e-05	-5.3806e-06	0.0000e+00
1722	0.0000e+00	0.0000e+00	3.9088e-03	1.1679e-05	-4.7210e-06	0.0000e+00
1723	0.0000e+00	0.0000e+00	3.6116e-03	8.2767e-06	1.0396e-05	0.0000e+00
1724	0.0000e+00	0.0000e+00	2.8705e-03	3.6045e-06	2.3466e-05	0.0000e+00
1725	0.0000e+00	0.0000e+00	9.7346e-03	-2.4178e-05	6.3836e-05	0.0000e+00
1726	0.0000e+00	0.0000e+00	7.3540e-03	-2.1748e-05	4.5233e-05	0.0000e+00
1727	0.0000e+00	0.0000e+00	5.7344e-03	-1.9708e-05	2.9192e-05	0.0000e+00
1728	0.0000e+00	0.0000e+00	4.7482e-03	-1.7929e-05	1.6958e-05	0.0000e+00
1729	0.0000e+00	0.0000e+00	4.2406e-03	-1.6144e-05	-9.1533e-06	0.0000e+00
1730	0.0000e+00	0.0000e+00	4.0299e-03	-1.4127e-05	-5.6433e-06	0.0000e+00
1731	0.0000e+00	0.0000e+00	3.8999e-03	-1.1607e-05	-4.9244e-06	0.0000e+00
1732	0.0000e+00	0.0000e+00	3.6014e-03	-8.1841e-06	1.0475e-05	0.0000e+00
1733	0.0000e+00	0.0000e+00	2.8593e-03	-3.4731e-06	2.3500e-05	0.0000e+00
1734	0.0000e+00	0.0000e+00	-1.7234e-02	3.5373e-05	8.8936e-05	0.0000e+00
1735	0.0000e+00	0.0000e+00	-1.5902e-02	3.1217e-05	8.5319e-05	0.0000e+00

1736	0.0000e+00	0.0000e+00	-1.4793e-02	2.4251e-05	8.2556e-05	0.0000e+00
1737	0.0000e+00	0.0000e+00	-1.3988e-02	1.6009e-05	8.1794e-05	0.0000e+00
1738	0.0000e+00	0.0000e+00	-1.3523e-02	7.2543e-06	8.3350e-05	0.0000e+00
1739	0.0000e+00	0.0000e+00	-1.3406e-02	-1.3269e-06	8.7509e-05	0.0000e+00
1740	0.0000e+00	0.0000e+00	-1.3622e-02	-9.4431e-06	9.4549e-05	0.0000e+00
1741	0.0000e+00	0.0000e+00	-1.4130e-02	-1.6063e-05	1.0441e-04	0.0000e+00
1742	0.0000e+00	0.0000e+00	-1.4818e-02	-1.8497e-05	1.1409e-04	0.0000e+00
1743	0.0000e+00	0.0000e+00	-1.4676e-02	2.0726e-05	1.1483e-04	0.0000e+00
1744	0.0000e+00	0.0000e+00	-1.3839e-02	1.7481e-05	1.0447e-04	0.0000e+00
1745	0.0000e+00	0.0000e+00	-1.3223e-02	1.0608e-05	9.5659e-05	0.0000e+00
1746	0.0000e+00	0.0000e+00	-1.2935e-02	2.5375e-06	9.0878e-05	0.0000e+00
1747	0.0000e+00	0.0000e+00	-1.3011e-02	-5.9684e-06	9.0195e-05	0.0000e+00
1748	0.0000e+00	0.0000e+00	-1.3460e-02	-1.4488e-05	9.3562e-05	0.0000e+00
1749	0.0000e+00	0.0000e+00	-1.4273e-02	-2.2524e-05	1.0109e-04	0.0000e+00
1750	0.0000e+00	0.0000e+00	-1.5410e-02	-2.9286e-05	1.1280e-04	0.0000e+00
1751	0.0000e+00	0.0000e+00	-1.6762e-02	-3.2267e-05	1.2632e-04	0.0000e+00
1752	0.0000e+00	0.0000e+00	1.3890e-02	-3.2862e-05	7.0178e-05	0.0000e+00
1753	0.0000e+00	0.0000e+00	1.2642e-02	-2.9779e-05	6.8214e-05	0.0000e+00
1754	0.0000e+00	0.0000e+00	1.1570e-02	-2.3923e-05	6.6199e-05	0.0000e+00
1755	0.0000e+00	0.0000e+00	1.0758e-02	-1.6837e-05	6.5683e-05	0.0000e+00
1756	0.0000e+00	0.0000e+00	1.0238e-02	-9.2658e-06	6.7160e-05	0.0000e+00
1757	0.0000e+00	0.0000e+00	1.0021e-02	-1.7532e-06	7.0922e-05	0.0000e+00
1758	0.0000e+00	0.0000e+00	1.0096e-02	5.4473e-06	7.7162e-05	0.0000e+00
1759	0.0000e+00	0.0000e+00	1.0430e-02	1.1385e-05	8.5647e-05	0.0000e+00
1760	0.0000e+00	0.0000e+00	1.0927e-02	1.3788e-05	9.3491e-05	0.0000e+00
1761	0.0000e+00	0.0000e+00	1.0735e-02	-1.7495e-05	9.4054e-05	0.0000e+00
1762	0.0000e+00	0.0000e+00	1.0034e-02	-1.4774e-05	8.5387e-05	0.0000e+00
1763	0.0000e+00	0.0000e+00	9.5175e-03	-9.0572e-06	7.7556e-05	0.0000e+00
1764	0.0000e+00	0.0000e+00	9.2696e-03	-2.6393e-06	7.3112e-05	0.0000e+00
1765	0.0000e+00	0.0000e+00	9.3143e-03	4.4754e-06	7.2282e-05	0.0000e+00
1766	0.0000e+00	0.0000e+00	9.6564e-03	1.1164e-05	7.5061e-05	0.0000e+00
1767	0.0000e+00	0.0000e+00	1.0287e-02	1.7545e-05	8.1498e-05	0.0000e+00
1768	0.0000e+00	0.0000e+00	1.1175e-02	2.2951e-05	9.1403e-05	0.0000e+00
1769	0.0000e+00	0.0000e+00	1.2228e-02	2.5104e-05	1.0226e-04	0.0000e+00
1770	0.0000e+00	0.0000e+00	1.2472e-02	-2.3511e-05	1.0347e-04	0.0000e+00
1771	0.0000e+00	0.0000e+00	1.1499e-02	-2.1089e-05	9.3023e-05	0.0000e+00
1772	0.0000e+00	0.0000e+00	1.0704e-02	-1.5354e-05	8.3579e-05	0.0000e+00
1773	0.0000e+00	0.0000e+00	1.0182e-02	-8.6196e-06	7.7657e-05	0.0000e+00
1774	0.0000e+00	0.0000e+00	9.9631e-03	-1.7132e-06	7.5449e-05	0.0000e+00
1775	0.0000e+00	0.0000e+00	1.0055e-02	5.6667e-06	7.6915e-05	0.0000e+00
1776	0.0000e+00	0.0000e+00	1.0450e-02	1.2338e-05	8.2068e-05	0.0000e+00
1777	0.0000e+00	0.0000e+00	1.1115e-02	1.8025e-05	9.0696e-05	0.0000e+00
1778	0.0000e+00	0.0000e+00	1.1957e-02	2.0450e-05	1.0029e-04	0.0000e+00
1779	0.0000e+00	0.0000e+00	-1.6937e-02	3.1000e-05	1.2728e-04	0.0000e+00
1780	0.0000e+00	0.0000e+00	-1.5647e-02	2.7778e-05	1.1406e-04	0.0000e+00
1781	0.0000e+00	0.0000e+00	-1.4582e-02	2.0763e-05	1.0269e-04	0.0000e+00
1782	0.0000e+00	0.0000e+00	-1.3852e-02	1.2482e-05	9.5530e-05	0.0000e+00
1783	0.0000e+00	0.0000e+00	-1.3495e-02	3.7549e-06	9.2584e-05	0.0000e+00
1784	0.0000e+00	0.0000e+00	-1.3521e-02	-4.9138e-06	9.3742e-05	0.0000e+00
1785	0.0000e+00	0.0000e+00	-1.3914e-02	-1.3007e-05	9.9061e-05	0.0000e+00
1786	0.0000e+00	0.0000e+00	-1.4632e-02	-1.9745e-05	1.0849e-04	0.0000e+00
1787	0.0000e+00	0.0000e+00	-1.5561e-02	-2.2626e-05	1.1960e-04	0.0000e+00
1788	0.0000e+00	0.0000e+00	-1.5561e-02	2.2629e-05	1.1961e-04	0.0000e+00
1789	0.0000e+00	0.0000e+00	-1.4631e-02	1.9736e-05	1.0850e-04	0.0000e+00
1790	0.0000e+00	0.0000e+00	-1.3914e-02	1.2988e-05	9.9070e-05	0.0000e+00
1791	0.0000e+00	0.0000e+00	-1.3522e-02	4.8890e-06	9.3751e-05	0.0000e+00
1792	0.0000e+00	0.0000e+00	-1.3498e-02	-3.7820e-06	9.2595e-05	0.0000e+00
1793	0.0000e+00	0.0000e+00	-1.3855e-02	-1.2508e-05	9.5544e-05	0.0000e+00
1794	0.0000e+00	0.0000e+00	-1.4586e-02	-2.0784e-05	1.0270e-04	0.0000e+00
1795	0.0000e+00	0.0000e+00	-1.5652e-02	-2.7790e-05	1.1408e-04	0.0000e+00
1796	0.0000e+00	0.0000e+00	-1.6942e-02	-3.0998e-05	1.2730e-04	0.0000e+00
1797	0.0000e+00	0.0000e+00	1.1950e-02	-2.0445e-05	1.0027e-04	0.0000e+00
1798	0.0000e+00	0.0000e+00	1.1108e-02	-1.8029e-05	9.0675e-05	0.0000e+00
1799	0.0000e+00	0.0000e+00	1.0442e-02	-1.2350e-05	8.2044e-05	0.0000e+00
1800	0.0000e+00	0.0000e+00	1.0047e-02	-5.6883e-06	7.6889e-05	0.0000e+00
1801	0.0000e+00	0.0000e+00	9.9534e-03	1.7126e-06	7.5420e-05	0.0000e+00
1802	0.0000e+00	0.0000e+00	1.0171e-02	8.5979e-06	7.7626e-05	0.0000e+00
1803	0.0000e+00	0.0000e+00	1.0692e-02	1.5330e-05	8.3547e-05	0.0000e+00
1804	0.0000e+00	0.0000e+00	1.1486e-02	2.1069e-05	9.2990e-05	0.0000e+00
1805	0.0000e+00	0.0000e+00	1.2458e-02	2.3498e-05	1.0343e-04	0.0000e+00
1806	0.0000e+00	0.0000e+00	1.2209e-02	-2.5102e-05	1.0221e-04	0.0000e+00
1807	0.0000e+00	0.0000e+00	1.1156e-02	-2.2966e-05	9.1353e-05	0.0000e+00

1808	0.0000e+00	0.0000e+00	1.0267e-02	-1.7577e-05	8.1443e-05	0.0000e+00
1809	0.0000e+00	0.0000e+00	9.6348e-03	-1.1216e-05	7.5000e-05	0.0000e+00
1810	0.0000e+00	0.0000e+00	9.2907e-03	-4.5672e-06	7.2216e-05	0.0000e+00
1811	0.0000e+00	0.0000e+00	9.2438e-03	2.6756e-06	7.3042e-05	0.0000e+00
1812	0.0000e+00	0.0000e+00	9.4894e-03	9.0295e-06	7.7485e-05	0.0000e+00
1813	0.0000e+00	0.0000e+00	1.0004e-02	1.4743e-05	8.5314e-05	0.0000e+00
1814	0.0000e+00	0.0000e+00	1.0704e-02	1.7472e-05	9.3970e-05	0.0000e+00
1815	0.0000e+00	0.0000e+00	1.0896e-02	-1.3767e-05	9.3400e-05	0.0000e+00
1816	0.0000e+00	0.0000e+00	1.0399e-02	-1.1368e-05	8.5568e-05	0.0000e+00
1817	0.0000e+00	0.0000e+00	1.0066e-02	-5.4292e-06	7.7081e-05	0.0000e+00
1818	0.0000e+00	0.0000e+00	9.9916e-03	1.7210e-06	7.0838e-05	0.0000e+00
1819	0.0000e+00	0.0000e+00	1.0209e-02	9.2556e-06	6.7072e-05	0.0000e+00
1820	0.0000e+00	0.0000e+00	1.0729e-02	1.6825e-05	6.5592e-05	0.0000e+00
1821	0.0000e+00	0.0000e+00	1.1542e-02	2.3909e-05	6.6104e-05	0.0000e+00
1822	0.0000e+00	0.0000e+00	1.2613e-02	2.9767e-05	6.8112e-05	0.0000e+00
1823	0.0000e+00	0.0000e+00	1.3861e-02	3.2856e-05	7.0056e-05	0.0000e+00
1824	0.0000e+00	0.0000e+00	-1.6761e-02	3.2287e-05	1.2634e-04	0.0000e+00
1825	0.0000e+00	0.0000e+00	-1.5409e-02	2.9293e-05	1.1281e-04	0.0000e+00
1826	0.0000e+00	0.0000e+00	-1.4272e-02	2.2522e-05	1.0110e-04	0.0000e+00
1827	0.0000e+00	0.0000e+00	-1.3459e-02	1.4483e-05	9.3571e-05	0.0000e+00
1828	0.0000e+00	0.0000e+00	-1.3010e-02	5.9705e-06	9.0204e-05	0.0000e+00
1829	0.0000e+00	0.0000e+00	-1.2935e-02	-2.5873e-06	9.0888e-05	0.0000e+00
1830	0.0000e+00	0.0000e+00	-1.3224e-02	-1.0627e-05	9.5673e-05	0.0000e+00
1831	0.0000e+00	0.0000e+00	-1.3839e-02	-1.7491e-05	1.0449e-04	0.0000e+00
1832	0.0000e+00	0.0000e+00	-1.4678e-02	-2.0727e-05	1.1485e-04	0.0000e+00
1833	0.0000e+00	0.0000e+00	-1.4818e-02	1.8501e-05	1.1411e-04	0.0000e+00
1834	0.0000e+00	0.0000e+00	-1.4130e-02	1.6053e-05	1.0443e-04	0.0000e+00
1835	0.0000e+00	0.0000e+00	-1.3623e-02	9.4200e-06	9.4568e-05	0.0000e+00
1836	0.0000e+00	0.0000e+00	-1.3408e-02	1.2322e-06	8.7528e-05	0.0000e+00
1837	0.0000e+00	0.0000e+00	-1.3526e-02	-7.2598e-06	8.3369e-05	0.0000e+00
1838	0.0000e+00	0.0000e+00	-1.3992e-02	-1.6018e-05	8.1816e-05	0.0000e+00
1839	0.0000e+00	0.0000e+00	-1.4797e-02	-2.4254e-05	8.2580e-05	0.0000e+00
1840	0.0000e+00	0.0000e+00	-1.5906e-02	-3.1207e-05	8.5346e-05	0.0000e+00
1841	0.0000e+00	0.0000e+00	-1.7237e-02	-3.5346e-05	8.8965e-05	0.0000e+00
1842	0.0000e+00	0.0000e+00	-1.7841e-02	7.8415e-06	1.3326e-04	0.0000e+00
1843	0.0000e+00	0.0000e+00	-1.7553e-02	6.7626e-06	1.2839e-04	0.0000e+00
1844	0.0000e+00	0.0000e+00	-1.7376e-02	2.1990e-06	1.2437e-04	0.0000e+00
1845	0.0000e+00	0.0000e+00	-1.7392e-02	-3.0006e-06	1.2446e-04	0.0000e+00
1846	0.0000e+00	0.0000e+00	-1.7602e-02	-7.6026e-06	1.2867e-04	0.0000e+00
1847	0.0000e+00	0.0000e+00	-1.7926e-02	-8.7569e-06	1.3374e-04	0.0000e+00
1848	0.0000e+00	0.0000e+00	1.3036e-02	-6.8604e-06	1.0771e-04	0.0000e+00
1849	0.0000e+00	0.0000e+00	1.2802e-02	-5.8890e-06	1.0451e-04	0.0000e+00
1850	0.0000e+00	0.0000e+00	1.2661e-02	-1.9819e-06	1.0143e-04	0.0000e+00
1851	0.0000e+00	0.0000e+00	1.2685e-02	2.8383e-06	1.0155e-04	0.0000e+00
1852	0.0000e+00	0.0000e+00	1.2874e-02	6.8218e-06	1.0488e-04	0.0000e+00
1853	0.0000e+00	0.0000e+00	1.3159e-02	7.8573e-06	1.0832e-04	0.0000e+00
1854	0.0000e+00	0.0000e+00	-1.7930e-02	8.7762e-06	1.3376e-04	0.0000e+00
1855	0.0000e+00	0.0000e+00	-1.7605e-02	7.6164e-06	1.2869e-04	0.0000e+00
1856	0.0000e+00	0.0000e+00	-1.7395e-02	3.0129e-06	1.2449e-04	0.0000e+00
1857	0.0000e+00	0.0000e+00	-1.7378e-02	-2.1956e-06	1.2439e-04	0.0000e+00
1858	0.0000e+00	0.0000e+00	-1.7555e-02	-6.7536e-06	1.2841e-04	0.0000e+00
1859	0.0000e+00	0.0000e+00	-1.7842e-02	-7.8277e-06	1.3328e-04	0.0000e+00
1860	0.0000e+00	0.0000e+00	1.3144e-02	-7.8538e-06	1.0828e-04	0.0000e+00
1861	0.0000e+00	0.0000e+00	1.2859e-02	-6.8302e-06	1.0484e-04	0.0000e+00
1862	0.0000e+00	0.0000e+00	1.2668e-02	-2.8744e-06	1.0151e-04	0.0000e+00
1863	0.0000e+00	0.0000e+00	1.2643e-02	2.0403e-06	1.0139e-04	0.0000e+00
1864	0.0000e+00	0.0000e+00	1.2784e-02	5.9137e-06	1.0447e-04	0.0000e+00
1865	0.0000e+00	0.0000e+00	1.3017e-02	6.8895e-06	1.0766e-04	0.0000e+00
1866	0.0000e+00	0.0000e+00	1.2343e-02	-1.1762e-05	1.0279e-04	0.0000e+00
1867	0.0000e+00	0.0000e+00	1.1890e-02	-9.5191e-06	9.6143e-05	0.0000e+00
1868	0.0000e+00	0.0000e+00	1.1599e-02	-4.2024e-06	9.0642e-05	0.0000e+00
1869	0.0000e+00	0.0000e+00	1.1553e-02	1.9539e-06	8.8996e-05	0.0000e+00
1870	0.0000e+00	0.0000e+00	1.1770e-02	8.0517e-06	9.1537e-05	0.0000e+00
1871	0.0000e+00	0.0000e+00	1.2235e-02	1.3424e-05	9.7945e-05	0.0000e+00
1872	0.0000e+00	0.0000e+00	1.2864e-02	1.5724e-05	1.0553e-04	0.0000e+00
1873	0.0000e+00	0.0000e+00	1.2864e-02	-1.5731e-05	1.0552e-04	0.0000e+00
1874	0.0000e+00	0.0000e+00	1.2234e-02	-1.3441e-05	9.7940e-05	0.0000e+00
1875	0.0000e+00	0.0000e+00	1.1768e-02	-8.0769e-06	9.1530e-05	0.0000e+00
1876	0.0000e+00	0.0000e+00	1.1549e-02	-1.9965e-06	8.8986e-05	0.0000e+00
1877	0.0000e+00	0.0000e+00	1.1593e-02	4.1928e-06	9.0629e-05	0.0000e+00
1878	0.0000e+00	0.0000e+00	1.1883e-02	9.5107e-06	9.6127e-05	0.0000e+00
1879	0.0000e+00	0.0000e+00	1.2335e-02	1.1763e-05	1.0277e-04	0.0000e+00

1880	0.0000e+00	0.0000e+00	-1.5755e-02	1.8356e-05	1.2079e-04	0.0000e+00
1881	0.0000e+00	0.0000e+00	-1.5006e-02	1.6007e-05	1.1104e-04	0.0000e+00
1882	0.0000e+00	0.0000e+00	-1.4437e-02	1.0117e-05	1.0304e-04	0.0000e+00
1883	0.0000e+00	0.0000e+00	-1.4146e-02	3.2007e-06	9.9411e-05	0.0000e+00
1884	0.0000e+00	0.0000e+00	-1.4162e-02	-3.9534e-06	1.0034e-04	0.0000e+00
1885	0.0000e+00	0.0000e+00	-1.4478e-02	-1.0572e-05	1.0563e-04	0.0000e+00
1886	0.0000e+00	0.0000e+00	-1.5025e-02	-1.4562e-05	1.1308e-04	0.0000e+00
1887	0.0000e+00	0.0000e+00	-1.5025e-02	1.4571e-05	1.1309e-04	0.0000e+00
1888	0.0000e+00	0.0000e+00	-1.4477e-02	1.0571e-05	1.0563e-04	0.0000e+00
1889	0.0000e+00	0.0000e+00	-1.4161e-02	3.9457e-06	1.0034e-04	0.0000e+00
1890	0.0000e+00	0.0000e+00	-1.4146e-02	-3.2094e-06	9.9413e-05	0.0000e+00
1891	0.0000e+00	0.0000e+00	-1.4437e-02	-1.0125e-05	1.0304e-04	0.0000e+00
1892	0.0000e+00	0.0000e+00	-1.5006e-02	-1.6010e-05	1.1104e-04	0.0000e+00
1893	0.0000e+00	0.0000e+00	-1.5755e-02	-1.8351e-05	1.2080e-04	0.0000e+00
2124	4.8824e-01	-1.2903e-04	0.0000e+00	0.0000e+00	0.0000e+00	-1.6108e-07

SPOSTAMENTI NODALI "Dinamica SLDh Y" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	8.8691e-03	-7.2786e-05	2.3699e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	-1.2353e-03	-1.9969e-05	9.8736e-06	0.0000e+00
3	0.0000e+00	0.0000e+00	1.6725e-03	-2.2420e-05	5.8711e-06	0.0000e+00
4	0.0000e+00	0.0000e+00	-1.4746e-03	-2.3183e-05	-6.4268e-06	0.0000e+00
5	0.0000e+00	0.0000e+00	8.6880e-04	-1.8096e-05	2.4828e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	4.1323e-05	-2.1910e-05	2.7310e-07	0.0000e+00
7	0.0000e+00	0.0000e+00	-8.3589e-04	-1.8094e-05	-2.1027e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	1.5358e-03	-2.3107e-05	6.4154e-06	0.0000e+00
9	0.0000e+00	0.0000e+00	-1.6334e-03	-2.2538e-05	-5.5632e-06	0.0000e+00
10	0.0000e+00	0.0000e+00	1.1184e-03	-2.0093e-05	-1.0316e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-9.0236e-03	-7.2859e-05	-2.4549e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	6.0908e-03	-1.1055e-04	-8.9392e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	-1.0945e-03	-8.1361e-05	1.0275e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	1.5435e-03	-8.4171e-05	-7.7339e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	-1.6274e-03	-8.4192e-05	5.2480e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	7.4731e-04	-8.1517e-05	-2.5927e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-1.8814e-06	-8.2917e-05	-2.1560e-09	0.0000e+00
18	0.0000e+00	0.0000e+00	-7.4911e-04	-8.1519e-05	2.6029e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	1.6261e-03	-8.4187e-05	-5.2529e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-1.5435e-03	-8.4166e-05	7.7332e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	1.0954e-03	-8.1354e-05	-1.0302e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	-6.0978e-03	-1.1060e-04	8.8785e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	9.1386e-03	-7.7624e-05	-1.6598e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-1.8167e-03	-2.0371e-05	-1.7003e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	2.1113e-03	-2.2953e-05	-1.2861e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-1.6250e-03	-2.3634e-05	8.4954e-06	0.0000e+00
27	0.0000e+00	0.0000e+00	1.0156e-03	-1.8076e-05	-4.0959e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	1.5758e-06	-2.2131e-05	1.4008e-08	0.0000e+00
29	0.0000e+00	0.0000e+00	-1.0137e-03	-1.8074e-05	4.0984e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	1.6299e-03	-2.3625e-05	-8.5116e-06	0.0000e+00
31	0.0000e+00	0.0000e+00	-2.1094e-03	-2.2966e-05	1.2903e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	1.8526e-03	-2.0404e-05	1.7101e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	-9.1695e-03	-7.7764e-05	1.6497e-05	0.0000e+00
67	0.0000e+00	0.0000e+00	9.6529e-03	-6.8180e-05	1.7448e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	-1.2473e-03	-1.5414e-05	8.1314e-06	0.0000e+00
69	0.0000e+00	0.0000e+00	1.7499e-03	-1.7266e-05	3.8595e-06	0.0000e+00
70	0.0000e+00	0.0000e+00	-1.6356e-03	-1.8026e-05	-3.6065e-06	0.0000e+00
71	0.0000e+00	0.0000e+00	9.3234e-04	-1.2630e-05	1.6721e-06	0.0000e+00
72	0.0000e+00	0.0000e+00	5.4838e-05	-1.6701e-05	3.4319e-07	0.0000e+00
73	0.0000e+00	0.0000e+00	-8.8467e-04	-1.2626e-05	-1.2459e-06	0.0000e+00
74	0.0000e+00	0.0000e+00	1.7039e-03	-1.7945e-05	3.6291e-06	0.0000e+00
75	0.0000e+00	0.0000e+00	-1.6942e-03	-1.7401e-05	-3.6009e-06	0.0000e+00
76	0.0000e+00	0.0000e+00	1.1442e-03	-1.5593e-05	-8.7334e-06	0.0000e+00
77	0.0000e+00	0.0000e+00	-9.8466e-03	-6.8219e-05	-1.8381e-05	0.0000e+00
78	0.0000e+00	0.0000e+00	9.7133e-03	-7.2019e-05	-1.4050e-05	0.0000e+00
79	0.0000e+00	0.0000e+00	-2.3466e-03	-1.4882e-05	-1.4084e-05	0.0000e+00
80	0.0000e+00	0.0000e+00	2.5205e-03	-1.7159e-05	-1.0680e-05	0.0000e+00
81	0.0000e+00	0.0000e+00	-1.7729e-03	-1.8014e-05	7.1379e-06	0.0000e+00
82	0.0000e+00	0.0000e+00	1.1375e-03	-1.1992e-05	-3.3109e-06	0.0000e+00
83	0.0000e+00	0.0000e+00	1.4305e-06	-1.6435e-05	-1.0299e-08	0.0000e+00
84	0.0000e+00	0.0000e+00	-1.1356e-03	-1.1989e-05	3.3126e-06	0.0000e+00
85	0.0000e+00	0.0000e+00	1.7786e-03	-1.8004e-05	-7.1551e-06	0.0000e+00
86	0.0000e+00	0.0000e+00	-2.5208e-03	-1.7176e-05	1.0723e-05	0.0000e+00

87	0.0000e+00	0.0000e+00	2.3885e-03	-1.4926e-05	1.4162e-05	0.0000e+00
88	0.0000e+00	0.0000e+00	-9.7426e-03	-7.2169e-05	1.3945e-05	0.0000e+00
89	0.0000e+00	0.0000e+00	1.1739e-02	-6.4993e-05	2.4404e-05	0.0000e+00
90	0.0000e+00	0.0000e+00	1.0296e-02	-8.8179e-05	-9.8231e-06	0.0000e+00
91	0.0000e+00	0.0000e+00	1.2403e-02	-7.1378e-05	-1.6649e-05	0.0000e+00
92	0.0000e+00	0.0000e+00	1.2545e-02	-6.7070e-05	1.8947e-05	0.0000e+00
93	0.0000e+00	0.0000e+00	1.2966e-02	-7.2059e-05	-1.2904e-05	0.0000e+00
94	0.0000e+00	0.0000e+00	-1.3004e-02	-7.2197e-05	1.2764e-05	0.0000e+00
95	0.0000e+00	0.0000e+00	-1.1886e-02	-6.5046e-05	-2.5247e-05	0.0000e+00
96	0.0000e+00	0.0000e+00	-1.0305e-02	-8.8233e-05	9.7725e-06	0.0000e+00
97	0.0000e+00	0.0000e+00	-1.2442e-02	-7.1507e-05	1.6563e-05	0.0000e+00
98	0.0000e+00	0.0000e+00	-1.2728e-02	-6.7109e-05	-1.9831e-05	0.0000e+00
99	0.0000e+00	0.0000e+00	7.9254e-03	-6.3808e-05	2.2849e-05	0.0000e+00
100	0.0000e+00	0.0000e+00	5.6863e-03	-5.2770e-05	1.9779e-05	0.0000e+00
101	0.0000e+00	0.0000e+00	6.4867e-03	-5.6609e-05	2.0653e-05	0.0000e+00
102	0.0000e+00	0.0000e+00	3.9288e-03	-4.0349e-05	1.7107e-05	0.0000e+00
103	0.0000e+00	0.0000e+00	4.6548e-03	-4.3265e-05	1.7976e-05	0.0000e+00
104	0.0000e+00	0.0000e+00	2.6230e-03	-2.9643e-05	1.4676e-05	0.0000e+00
105	0.0000e+00	0.0000e+00	3.2752e-03	-3.2462e-05	1.5614e-05	0.0000e+00
106	0.0000e+00	0.0000e+00	1.6770e-03	-2.1414e-05	1.2356e-05	0.0000e+00
107	0.0000e+00	0.0000e+00	2.2433e-03	-2.4209e-05	1.3480e-05	0.0000e+00
108	0.0000e+00	0.0000e+00	9.9016e-04	-1.5761e-05	1.0230e-05	0.0000e+00
109	0.0000e+00	0.0000e+00	1.4623e-03	-1.8381e-05	1.1583e-05	0.0000e+00
110	0.0000e+00	0.0000e+00	4.8935e-04	-1.2253e-05	8.3873e-06	0.0000e+00
111	0.0000e+00	0.0000e+00	8.6081e-04	-1.4520e-05	9.9697e-06	0.0000e+00
112	0.0000e+00	0.0000e+00	-2.5601e-04	-1.0084e-05	6.8799e-06	0.0000e+00
113	0.0000e+00	0.0000e+00	4.2513e-04	-1.2007e-05	8.7068e-06	0.0000e+00
114	0.0000e+00	0.0000e+00	-4.8543e-04	-8.9487e-06	5.6022e-06	0.0000e+00
115	0.0000e+00	0.0000e+00	-3.5887e-04	-1.0910e-05	7.9341e-06	0.0000e+00
116	0.0000e+00	0.0000e+00	-8.3525e-04	-9.6900e-06	3.9837e-06	0.0000e+00
117	0.0000e+00	0.0000e+00	-6.9776e-04	-1.2896e-05	7.9967e-06	0.0000e+00
118	0.0000e+00	0.0000e+00	-1.2236e-03	-1.0060e-05	-3.1406e-06	0.0000e+00
119	0.0000e+00	0.0000e+00	7.0445e-03	-5.8176e-05	2.0454e-05	0.0000e+00
120	0.0000e+00	0.0000e+00	4.9507e-03	-4.9301e-05	1.7686e-05	0.0000e+00
121	0.0000e+00	0.0000e+00	3.2759e-03	-3.8124e-05	1.4982e-05	0.0000e+00
122	0.0000e+00	0.0000e+00	2.0410e-03	-2.7692e-05	1.2574e-05	0.0000e+00
123	0.0000e+00	0.0000e+00	1.1821e-03	-1.9401e-05	1.0299e-05	0.0000e+00
124	0.0000e+00	0.0000e+00	6.1254e-04	-1.3678e-05	8.2014e-06	0.0000e+00
125	0.0000e+00	0.0000e+00	-3.1226e-04	-1.0219e-05	6.3719e-06	0.0000e+00
126	0.0000e+00	0.0000e+00	-3.9609e-04	-8.1899e-06	4.8730e-06	0.0000e+00
127	0.0000e+00	0.0000e+00	-6.4257e-04	-7.0204e-06	3.5713e-06	0.0000e+00
128	0.0000e+00	0.0000e+00	-9.0720e-04	-6.6175e-06	2.1343e-06	0.0000e+00
129	0.0000e+00	0.0000e+00	-1.1514e-03	-5.6496e-06	-2.5009e-06	0.0000e+00
130	0.0000e+00	0.0000e+00	6.3047e-03	-5.4724e-05	1.6932e-05	0.0000e+00
131	0.0000e+00	0.0000e+00	4.3149e-03	-4.6368e-05	1.4782e-05	0.0000e+00
132	0.0000e+00	0.0000e+00	2.7190e-03	-3.5861e-05	1.2417e-05	0.0000e+00
133	0.0000e+00	0.0000e+00	1.5543e-03	-2.5714e-05	1.0184e-05	0.0000e+00
134	0.0000e+00	0.0000e+00	7.8593e-04	-1.7418e-05	8.0414e-06	0.0000e+00
135	0.0000e+00	0.0000e+00	-3.8625e-04	-1.1606e-05	6.0376e-06	0.0000e+00
136	0.0000e+00	0.0000e+00	-3.8232e-04	-8.1215e-06	4.2822e-06	0.0000e+00
137	0.0000e+00	0.0000e+00	-5.4834e-04	-6.1454e-06	2.9596e-06	0.0000e+00
138	0.0000e+00	0.0000e+00	-7.3047e-04	-4.9304e-06	2.3098e-06	0.0000e+00
139	0.0000e+00	0.0000e+00	-9.0619e-04	-4.1487e-06	2.4390e-06	0.0000e+00
140	0.0000e+00	0.0000e+00	-1.0530e-03	-3.0215e-06	-3.1697e-06	0.0000e+00
141	0.0000e+00	0.0000e+00	5.7506e-03	-5.3332e-05	1.2887e-05	0.0000e+00
142	0.0000e+00	0.0000e+00	3.8085e-03	-4.4677e-05	1.1527e-05	0.0000e+00
143	0.0000e+00	0.0000e+00	2.2666e-03	-3.4117e-05	9.8104e-06	0.0000e+00
144	0.0000e+00	0.0000e+00	1.1644e-03	-2.3905e-05	7.9270e-06	0.0000e+00
145	0.0000e+00	0.0000e+00	4.9903e-04	-1.5493e-05	5.9618e-06	0.0000e+00
146	0.0000e+00	0.0000e+00	-3.5099e-04	-9.5823e-06	4.0299e-06	0.0000e+00
147	0.0000e+00	0.0000e+00	-4.9471e-04	-6.1058e-06	2.3264e-06	0.0000e+00
148	0.0000e+00	0.0000e+00	-6.3263e-04	-4.2642e-06	1.4599e-06	0.0000e+00
149	0.0000e+00	0.0000e+00	-7.5352e-04	-3.2563e-06	2.0812e-06	0.0000e+00
150	0.0000e+00	0.0000e+00	-8.6858e-04	-2.7173e-06	-3.0232e-06	0.0000e+00
151	0.0000e+00	0.0000e+00	-9.6496e-04	-1.9092e-06	-3.6699e-06	0.0000e+00
152	0.0000e+00	0.0000e+00	5.4013e-03	-5.4082e-05	8.9955e-06	0.0000e+00
153	0.0000e+00	0.0000e+00	3.4401e-03	-4.4468e-05	8.3650e-06	0.0000e+00
154	0.0000e+00	0.0000e+00	1.9144e-03	-3.3126e-05	7.4698e-06	0.0000e+00
155	0.0000e+00	0.0000e+00	8.6236e-04	-2.2334e-05	6.0482e-06	0.0000e+00
156	0.0000e+00	0.0000e+00	3.3391e-04	-1.3558e-05	4.2422e-06	0.0000e+00
157	0.0000e+00	0.0000e+00	-4.1012e-04	-7.5140e-06	2.2851e-06	0.0000e+00
158	0.0000e+00	0.0000e+00	-5.5398e-04	-4.1673e-06	5.9701e-07	0.0000e+00

159 0.0000e+00 0.0000e+00 -6.4184e-04 -2.6432e-06 -1.4259e-06 0.0000e+00  
160 0.0000e+00 0.0000e+00 -7.2014e-04 -2.2202e-06 -2.5879e-06 0.0000e+00  
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162 0.0000e+00 0.0000e+00 -9.1583e-04 -2.2535e-06 -3.9284e-06 0.0000e+00  
163 0.0000e+00 0.0000e+00 5.2548e-03 -5.7209e-05 6.2442e-06 0.0000e+00  
164 0.0000e+00 0.0000e+00 3.1978e-03 -4.5878e-05 5.6919e-06 0.0000e+00  
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173 0.0000e+00 0.0000e+00 -9.2194e-04 -4.2790e-06 3.9513e-06 0.0000e+00  
174 0.0000e+00 0.0000e+00 5.2923e-03 -6.3110e-05 -5.8384e-06 0.0000e+00  
175 0.0000e+00 0.0000e+00 3.0528e-03 -4.8927e-05 3.8303e-06 0.0000e+00  
176 0.0000e+00 0.0000e+00 1.4345e-03 -3.3310e-05 4.5618e-06 0.0000e+00  
177 0.0000e+00 0.0000e+00 4.6345e-04 -1.9572e-05 3.7915e-06 0.0000e+00  
178 0.0000e+00 0.0000e+00 -3.2504e-04 -9.2209e-06 1.9340e-06 0.0000e+00  
179 0.0000e+00 0.0000e+00 -4.6093e-04 -2.8965e-06 -5.2196e-07 0.0000e+00  
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181 0.0000e+00 0.0000e+00 -4.1079e-04 6.9645e-07 -5.0313e-06 0.0000e+00  
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185 0.0000e+00 0.0000e+00 5.4801e-03 -7.2483e-05 -7.1128e-06 0.0000e+00  
186 0.0000e+00 0.0000e+00 2.9628e-03 -5.3324e-05 2.9757e-06 0.0000e+00  
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188 0.0000e+00 0.0000e+00 3.4415e-04 -1.8000e-05 2.8631e-06 0.0000e+00  
189 0.0000e+00 0.0000e+00 -3.5827e-04 -6.8294e-06 1.0121e-06 0.0000e+00  
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191 0.0000e+00 0.0000e+00 -3.1102e-04 3.9868e-06 -3.9334e-06 0.0000e+00  
192 0.0000e+00 0.0000e+00 -1.7332e-04 2.8394e-06 -6.6251e-06 0.0000e+00  
193 0.0000e+00 0.0000e+00 -1.7831e-04 -3.2770e-06 -8.5837e-06 0.0000e+00  
194 0.0000e+00 0.0000e+00 -4.6322e-04 -1.2074e-05 -7.0416e-06 0.0000e+00  
195 0.0000e+00 0.0000e+00 -1.0650e-03 -1.6837e-05 2.7781e-06 0.0000e+00  
196 0.0000e+00 0.0000e+00 5.7694e-03 -8.6689e-05 -8.3324e-06 0.0000e+00  
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202 0.0000e+00 0.0000e+00 -1.5291e-04 6.6764e-06 -3.4904e-06 0.0000e+00  
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226 0.0000e+00 0.0000e+00 1.0703e-03 1.4367e-05 4.2026e-06 0.0000e+00  
227 0.0000e+00 0.0000e+00 1.2068e-03 1.5460e-05 3.4008e-06 0.0000e+00  
228 0.0000e+00 0.0000e+00 1.5729e-03 1.0815e-05 6.5294e-06 0.0000e+00  
229 0.0000e+00 0.0000e+00 1.7972e-03 1.1425e-05 4.6001e-06 0.0000e+00  
230 0.0000e+00 0.0000e+00 1.8956e-03 4.6917e-06 8.4265e-06 0.0000e+00

231	0.0000e+00	0.0000e+00	2.1796e-03	4.4192e-06	5.3970e-06	0.0000e+00
232	0.0000e+00	0.0000e+00	1.9013e-03	-4.1723e-06	9.0623e-06	0.0000e+00
233	0.0000e+00	0.0000e+00	2.1934e-03	-6.6750e-06	5.5557e-06	0.0000e+00
234	0.0000e+00	0.0000e+00	1.5098e-03	-1.2497e-05	5.3996e-06	0.0000e+00
235	0.0000e+00	0.0000e+00	-1.3024e-03	-1.7227e-06	-4.7478e-06	0.0000e+00
236	0.0000e+00	0.0000e+00	-1.2399e-03	4.0909e-06	-5.0653e-06	0.0000e+00
237	0.0000e+00	0.0000e+00	-9.7317e-04	8.8049e-06	-3.8402e-06	0.0000e+00
238	0.0000e+00	0.0000e+00	-6.1990e-04	1.1794e-05	-2.2687e-06	0.0000e+00
239	0.0000e+00	0.0000e+00	5.3552e-04	1.2783e-05	2.3366e-06	0.0000e+00
240	0.0000e+00	0.0000e+00	8.9369e-04	1.1683e-05	4.2491e-06	0.0000e+00
241	0.0000e+00	0.0000e+00	1.2944e-03	8.4619e-06	6.3598e-06	0.0000e+00
242	0.0000e+00	0.0000e+00	1.5412e-03	3.2592e-06	7.9008e-06	0.0000e+00
243	0.0000e+00	0.0000e+00	1.5396e-03	-3.2165e-06	7.8813e-06	0.0000e+00
244	0.0000e+00	0.0000e+00	1.2801e-03	-8.2328e-06	5.4484e-06	0.0000e+00
245	0.0000e+00	0.0000e+00	-1.1258e-03	-5.3107e-07	-3.9831e-06	0.0000e+00
246	0.0000e+00	0.0000e+00	-1.0512e-03	3.6602e-06	-4.0416e-06	0.0000e+00
247	0.0000e+00	0.0000e+00	-8.2326e-04	7.3350e-06	-3.3985e-06	0.0000e+00
248	0.0000e+00	0.0000e+00	-5.1949e-04	9.8483e-06	-2.6871e-06	0.0000e+00
249	0.0000e+00	0.0000e+00	4.2850e-04	1.0683e-05	2.7354e-06	0.0000e+00
250	0.0000e+00	0.0000e+00	7.2239e-04	9.6511e-06	3.6828e-06	0.0000e+00
251	0.0000e+00	0.0000e+00	1.0499e-03	6.8096e-06	4.8993e-06	0.0000e+00
252	0.0000e+00	0.0000e+00	1.2452e-03	2.5738e-06	5.7766e-06	0.0000e+00
253	0.0000e+00	0.0000e+00	1.2472e-03	-2.2322e-06	5.7351e-06	0.0000e+00
254	0.0000e+00	0.0000e+00	1.0645e-03	-5.7910e-06	4.5698e-06	0.0000e+00
255	0.0000e+00	0.0000e+00	-1.0054e-03	4.0771e-07	-3.8983e-06	0.0000e+00
256	0.0000e+00	0.0000e+00	-9.2820e-04	3.3800e-06	-3.7227e-06	0.0000e+00
257	0.0000e+00	0.0000e+00	-7.1679e-04	6.5679e-06	-3.3774e-06	0.0000e+00
258	0.0000e+00	0.0000e+00	-4.2051e-04	8.8460e-06	-3.0641e-06	0.0000e+00
259	0.0000e+00	0.0000e+00	3.0541e-04	9.6023e-06	2.9024e-06	0.0000e+00
260	0.0000e+00	0.0000e+00	5.9106e-04	8.6011e-06	2.9364e-06	0.0000e+00
261	0.0000e+00	0.0000e+00	8.9103e-04	5.9523e-06	3.1404e-06	0.0000e+00
262	0.0000e+00	0.0000e+00	1.0629e-03	2.1917e-06	3.4024e-06	0.0000e+00
263	0.0000e+00	0.0000e+00	1.0644e-03	-1.8893e-06	3.5322e-06	0.0000e+00
264	0.0000e+00	0.0000e+00	9.1106e-04	-4.8236e-06	3.3714e-06	0.0000e+00
265	0.0000e+00	0.0000e+00	-9.7405e-04	-4.4058e-07	4.3632e-06	0.0000e+00
266	0.0000e+00	0.0000e+00	-9.1141e-04	3.1395e-06	4.4070e-06	0.0000e+00
267	0.0000e+00	0.0000e+00	-6.9863e-04	6.5571e-06	3.9970e-06	0.0000e+00
268	0.0000e+00	0.0000e+00	-3.6743e-04	8.9950e-06	3.3470e-06	0.0000e+00
269	0.0000e+00	0.0000e+00	1.8458e-04	9.8079e-06	-2.7861e-06	0.0000e+00
270	0.0000e+00	0.0000e+00	5.3268e-04	8.7599e-06	-2.5935e-06	0.0000e+00
271	0.0000e+00	0.0000e+00	8.5309e-04	5.9656e-06	-2.7410e-06	0.0000e+00
272	0.0000e+00	0.0000e+00	1.0266e-03	2.0110e-06	-2.8833e-06	0.0000e+00
273	0.0000e+00	0.0000e+00	1.0175e-03	-2.2359e-06	-2.7960e-06	0.0000e+00
274	0.0000e+00	0.0000e+00	8.4912e-04	-5.1234e-06	-2.6785e-06	0.0000e+00
275	0.0000e+00	0.0000e+00	-1.0612e-03	-1.6552e-06	5.4332e-06	0.0000e+00
276	0.0000e+00	0.0000e+00	-1.0346e-03	2.9582e-06	6.0186e-06	0.0000e+00
277	0.0000e+00	0.0000e+00	-8.0288e-04	7.4027e-06	5.1752e-06	0.0000e+00
278	0.0000e+00	0.0000e+00	-4.0508e-04	1.0398e-05	3.5861e-06	0.0000e+00
279	0.0000e+00	0.0000e+00	9.7469e-05	1.1395e-05	-2.4098e-06	0.0000e+00
280	0.0000e+00	0.0000e+00	5.7184e-04	1.0232e-05	-3.0958e-06	0.0000e+00
281	0.0000e+00	0.0000e+00	9.5671e-04	6.9427e-06	-4.6277e-06	0.0000e+00
282	0.0000e+00	0.0000e+00	1.1570e-03	2.0420e-06	-5.5095e-06	0.0000e+00
283	0.0000e+00	0.0000e+00	1.1241e-03	-3.4194e-06	-4.8914e-06	0.0000e+00
284	0.0000e+00	0.0000e+00	8.8943e-04	-6.8842e-06	-3.1363e-06	0.0000e+00
285	0.0000e+00	0.0000e+00	-1.2802e-03	-4.1885e-06	7.3140e-06	0.0000e+00
286	0.0000e+00	0.0000e+00	-1.3049e-03	3.1107e-06	8.3004e-06	0.0000e+00
287	0.0000e+00	0.0000e+00	-1.0236e-03	9.3044e-06	6.5435e-06	0.0000e+00
288	0.0000e+00	0.0000e+00	-5.2360e-04	1.3043e-05	3.7425e-06	0.0000e+00
289	0.0000e+00	0.0000e+00	1.0564e-04	1.4263e-05	-1.8182e-06	0.0000e+00
290	0.0000e+00	0.0000e+00	7.0086e-04	1.3014e-05	-3.9839e-06	0.0000e+00
291	0.0000e+00	0.0000e+00	1.1970e-03	9.0898e-06	-7.0354e-06	0.0000e+00
292	0.0000e+00	0.0000e+00	1.4602e-03	2.5151e-06	-9.0953e-06	0.0000e+00
293	0.0000e+00	0.0000e+00	1.3922e-03	-5.6591e-06	-8.2948e-06	0.0000e+00
294	0.0000e+00	0.0000e+00	1.0183e-03	-1.0798e-05	-4.0850e-06	0.0000e+00
295	0.0000e+00	0.0000e+00	-1.6384e-03	-7.9091e-06	1.0343e-05	0.0000e+00
296	0.0000e+00	0.0000e+00	-1.7014e-03	4.3216e-06	1.0384e-05	0.0000e+00
297	0.0000e+00	0.0000e+00	-1.3172e-03	1.2434e-05	7.1027e-06	0.0000e+00
298	0.0000e+00	0.0000e+00	-6.7354e-04	1.6579e-05	3.4506e-06	0.0000e+00
299	0.0000e+00	0.0000e+00	1.5639e-04	1.7908e-05	-1.0984e-06	0.0000e+00
300	0.0000e+00	0.0000e+00	8.8115e-04	1.6768e-05	-4.3331e-06	0.0000e+00
301	0.0000e+00	0.0000e+00	1.5357e-03	1.2613e-05	-8.3885e-06	0.0000e+00
302	0.0000e+00	0.0000e+00	1.9212e-03	4.1391e-06	-1.2238e-05	0.0000e+00

303	0.0000e+00	0.0000e+00	1.8330e-03	-9.0135e-06	-1.2645e-05	0.0000e+00
304	0.0000e+00	0.0000e+00	1.2030e-03	-1.8682e-05	-4.6757e-06	0.0000e+00
305	0.0000e+00	0.0000e+00	-2.1544e-03	-9.5833e-06	1.4502e-05	0.0000e+00
306	0.0000e+00	0.0000e+00	-2.1416e-03	8.1337e-06	9.1328e-06	0.0000e+00
307	0.0000e+00	0.0000e+00	-1.5938e-03	1.6210e-05	5.1827e-06	0.0000e+00
308	0.0000e+00	0.0000e+00	-7.9877e-04	1.9972e-05	2.1666e-06	0.0000e+00
309	0.0000e+00	0.0000e+00	1.8902e-04	2.1237e-05	-5.3492e-07	0.0000e+00
310	0.0000e+00	0.0000e+00	1.0531e-03	2.0436e-05	-3.3278e-06	0.0000e+00
311	0.0000e+00	0.0000e+00	1.8774e-03	1.6940e-05	-6.7707e-06	0.0000e+00
312	0.0000e+00	0.0000e+00	2.4551e-03	8.6659e-06	-1.1483e-05	0.0000e+00
313	0.0000e+00	0.0000e+00	2.4707e-03	-1.0238e-05	-1.7831e-05	0.0000e+00
314	0.0000e+00	0.0000e+00	1.3934e-03	-3.4083e-05	-4.5751e-06	0.0000e+00
315	0.0000e+00	0.0000e+00	-2.4791e-03	-6.3619e-06	4.1391e-06	0.0000e+00
316	0.0000e+00	0.0000e+00	-2.3514e-03	1.0756e-05	2.3184e-06	0.0000e+00
317	0.0000e+00	0.0000e+00	-1.7117e-03	1.8116e-05	1.3675e-06	0.0000e+00
318	0.0000e+00	0.0000e+00	-8.4211e-04	2.1595e-05	8.8109e-07	0.0000e+00
319	0.0000e+00	0.0000e+00	1.9621e-04	2.2860e-05	-8.2287e-07	0.0000e+00
320	0.0000e+00	0.0000e+00	1.1471e-03	2.2290e-05	-1.1671e-06	0.0000e+00
321	0.0000e+00	0.0000e+00	2.0615e-03	1.9363e-05	-1.6830e-06	0.0000e+00
322	0.0000e+00	0.0000e+00	2.7614e-03	1.2205e-05	-2.3836e-06	0.0000e+00
323	0.0000e+00	0.0000e+00	2.9423e-03	-5.4973e-06	-3.5659e-06	0.0000e+00
324	0.0000e+00	0.0000e+00	-1.2567e-03	-1.3228e-05	-5.4320e-06	0.0000e+00
325	0.0000e+00	0.0000e+00	-1.6933e-03	-5.6232e-06	-9.3094e-06	0.0000e+00
326	0.0000e+00	0.0000e+00	-2.0373e-03	-7.7149e-06	-6.5791e-06	0.0000e+00
327	0.0000e+00	0.0000e+00	-1.7448e-03	3.1807e-06	-8.7836e-06	0.0000e+00
328	0.0000e+00	0.0000e+00	-2.0721e-03	2.9144e-06	-6.3053e-06	0.0000e+00
329	0.0000e+00	0.0000e+00	-1.4714e-03	9.2247e-06	-6.9181e-06	0.0000e+00
330	0.0000e+00	0.0000e+00	-1.7356e-03	9.8851e-06	-5.3156e-06	0.0000e+00
331	0.0000e+00	0.0000e+00	-9.8594e-04	1.2787e-05	-4.5709e-06	0.0000e+00
332	0.0000e+00	0.0000e+00	-1.1648e-03	1.3915e-05	-3.8576e-06	0.0000e+00
333	0.0000e+00	0.0000e+00	-3.9651e-04	1.4020e-05	-2.0865e-06	0.0000e+00
334	0.0000e+00	0.0000e+00	-4.8067e-04	1.5333e-05	-2.2472e-06	0.0000e+00
335	0.0000e+00	0.0000e+00	2.0949e-04	1.3049e-05	1.0223e-06	0.0000e+00
336	0.0000e+00	0.0000e+00	2.2757e-04	1.4301e-05	1.1955e-06	0.0000e+00
337	0.0000e+00	0.0000e+00	7.1133e-04	9.8995e-06	3.2356e-06	0.0000e+00
338	0.0000e+00	0.0000e+00	8.1654e-04	1.0811e-05	1.8680e-06	0.0000e+00
339	0.0000e+00	0.0000e+00	1.0291e-03	4.5260e-06	5.2565e-06	0.0000e+00
340	0.0000e+00	0.0000e+00	1.2050e-03	4.6687e-06	2.7769e-06	0.0000e+00
341	0.0000e+00	0.0000e+00	1.0630e-03	-2.9407e-06	6.0962e-06	0.0000e+00
342	0.0000e+00	0.0000e+00	1.2671e-03	-4.5945e-06	3.0010e-06	0.0000e+00
343	0.0000e+00	0.0000e+00	7.6916e-04	-9.0774e-06	2.8213e-06	0.0000e+00
344	0.0000e+00	0.0000e+00	-1.0482e-03	-8.8615e-06	-4.4436e-06	0.0000e+00
345	0.0000e+00	0.0000e+00	-1.3423e-03	-4.3392e-06	-7.1194e-06	0.0000e+00
346	0.0000e+00	0.0000e+00	-1.3908e-03	1.9946e-06	-7.4392e-06	0.0000e+00
347	0.0000e+00	0.0000e+00	-1.1868e-03	7.0437e-06	-6.0927e-06	0.0000e+00
348	0.0000e+00	0.0000e+00	-7.9946e-04	1.0233e-05	-4.0201e-06	0.0000e+00
349	0.0000e+00	0.0000e+00	-3.1944e-04	1.1344e-05	-1.6909e-06	0.0000e+00
350	0.0000e+00	0.0000e+00	1.7748e-04	1.0412e-05	8.5438e-07	0.0000e+00
351	0.0000e+00	0.0000e+00	5.7451e-04	7.5453e-06	3.0218e-06	0.0000e+00
352	0.0000e+00	0.0000e+00	8.1195e-04	3.0195e-06	4.6401e-06	0.0000e+00
353	0.0000e+00	0.0000e+00	8.3073e-04	-2.1769e-06	4.7638e-06	0.0000e+00
354	0.0000e+00	0.0000e+00	6.5012e-04	-5.5054e-06	2.6925e-06	0.0000e+00
355	0.0000e+00	0.0000e+00	-8.8899e-04	-6.2851e-06	-2.9646e-06	0.0000e+00
356	0.0000e+00	0.0000e+00	-1.0971e-03	-3.0283e-06	-4.3080e-06	0.0000e+00
357	0.0000e+00	0.0000e+00	-1.1296e-03	1.5663e-06	-4.6221e-06	0.0000e+00
358	0.0000e+00	0.0000e+00	-9.6799e-04	5.6409e-06	-3.9411e-06	0.0000e+00
359	0.0000e+00	0.0000e+00	-6.5306e-04	8.3873e-06	-2.6978e-06	0.0000e+00
360	0.0000e+00	0.0000e+00	-2.5772e-04	9.3427e-06	-1.2232e-06	0.0000e+00
361	0.0000e+00	0.0000e+00	1.5118e-04	8.4484e-06	4.8353e-07	0.0000e+00
362	0.0000e+00	0.0000e+00	4.6846e-04	5.9042e-06	1.8464e-06	0.0000e+00
363	0.0000e+00	0.0000e+00	6.5023e-04	2.2487e-06	2.8425e-06	0.0000e+00
364	0.0000e+00	0.0000e+00	6.6546e-04	-1.4401e-06	2.9598e-06	0.0000e+00
365	0.0000e+00	0.0000e+00	5.4594e-04	-3.6034e-06	2.0815e-06	0.0000e+00
366	0.0000e+00	0.0000e+00	-8.0753e-04	-5.1727e-06	-1.6687e-06	0.0000e+00
367	0.0000e+00	0.0000e+00	-9.7890e-04	-2.3917e-06	-1.6951e-06	0.0000e+00
368	0.0000e+00	0.0000e+00	-1.0015e-03	1.4281e-06	-1.6053e-06	0.0000e+00
369	0.0000e+00	0.0000e+00	-8.5603e-04	5.0509e-06	-1.3963e-06	0.0000e+00
370	0.0000e+00	0.0000e+00	-5.7269e-04	7.5462e-06	-1.1265e-06	0.0000e+00
371	0.0000e+00	0.0000e+00	-2.1568e-04	8.3837e-06	-8.2849e-07	0.0000e+00
372	0.0000e+00	0.0000e+00	1.4470e-04	7.4600e-06	-5.4501e-07	0.0000e+00
373	0.0000e+00	0.0000e+00	4.2334e-04	5.0295e-06	-5.0823e-07	0.0000e+00
374	0.0000e+00	0.0000e+00	5.7409e-04	1.7398e-06	8.2004e-07	0.0000e+00



375	0.0000e+00	0.0000e+00	5.7953e-04	-1.3571e-06	1.1307e-06	0.0000e+00
376	0.0000e+00	0.0000e+00	4.7474e-04	-3.0806e-06	1.2600e-06	0.0000e+00
377	0.0000e+00	0.0000e+00	-8.1890e-04	-5.3377e-06	2.1640e-06	0.0000e+00
378	0.0000e+00	0.0000e+00	-9.9844e-04	-2.4966e-06	2.5666e-06	0.0000e+00
379	0.0000e+00	0.0000e+00	-1.0225e-03	1.5010e-06	2.5883e-06	0.0000e+00
380	0.0000e+00	0.0000e+00	-8.6888e-04	5.3287e-06	2.0448e-06	0.0000e+00
381	0.0000e+00	0.0000e+00	-5.7066e-04	7.9155e-06	1.1722e-06	0.0000e+00
382	0.0000e+00	0.0000e+00	-1.9660e-04	8.7195e-06	-6.5042e-07	0.0000e+00
383	0.0000e+00	0.0000e+00	1.7139e-04	7.6478e-06	-1.2472e-06	0.0000e+00
384	0.0000e+00	0.0000e+00	4.5493e-04	4.9667e-06	-1.8203e-06	0.0000e+00
385	0.0000e+00	0.0000e+00	5.9646e-04	1.3670e-06	-1.8677e-06	0.0000e+00
386	0.0000e+00	0.0000e+00	5.7943e-04	-1.9833e-06	-1.2345e-06	0.0000e+00
387	0.0000e+00	0.0000e+00	4.4514e-04	-3.7430e-06	-6.2479e-07	0.0000e+00
388	0.0000e+00	0.0000e+00	-9.2321e-04	-6.9880e-06	3.6618e-06	0.0000e+00
389	0.0000e+00	0.0000e+00	-1.1628e-03	-3.4755e-06	5.6620e-06	0.0000e+00
390	0.0000e+00	0.0000e+00	-1.2016e-03	1.7986e-06	6.1112e-06	0.0000e+00
391	0.0000e+00	0.0000e+00	-1.0128e-03	6.5595e-06	4.8936e-06	0.0000e+00
392	0.0000e+00	0.0000e+00	-6.4931e-04	9.5850e-06	2.7710e-06	0.0000e+00
393	0.0000e+00	0.0000e+00	-2.0090e-04	1.0432e-05	6.7972e-07	0.0000e+00
394	0.0000e+00	0.0000e+00	2.3985e-04	9.0989e-06	-2.1248e-06	0.0000e+00
395	0.0000e+00	0.0000e+00	5.7432e-04	5.7913e-06	-3.8812e-06	0.0000e+00
396	0.0000e+00	0.0000e+00	7.3024e-04	1.1247e-06	-4.5646e-06	0.0000e+00
397	0.0000e+00	0.0000e+00	6.7495e-04	-3.4668e-06	-3.5030e-06	0.0000e+00
398	0.0000e+00	0.0000e+00	4.5871e-04	-5.8120e-06	-9.7988e-07	0.0000e+00
399	0.0000e+00	0.0000e+00	-1.1032e-03	-1.0824e-05	4.9038e-06	0.0000e+00
400	0.0000e+00	0.0000e+00	-1.4777e-03	-5.5079e-06	9.1912e-06	0.0000e+00
401	0.0000e+00	0.0000e+00	-1.5420e-03	2.5374e-06	9.7755e-06	0.0000e+00
402	0.0000e+00	0.0000e+00	-1.2808e-03	8.9298e-06	7.4660e-06	0.0000e+00
403	0.0000e+00	0.0000e+00	-7.9856e-04	1.2532e-05	4.0907e-06	0.0000e+00
404	0.0000e+00	0.0000e+00	-2.2250e-04	1.3408e-05	7.1937e-07	0.0000e+00
405	0.0000e+00	0.0000e+00	3.4921e-04	1.1798e-05	-2.9349e-06	0.0000e+00
406	0.0000e+00	0.0000e+00	7.8583e-04	7.6951e-06	-5.9232e-06	0.0000e+00
407	0.0000e+00	0.0000e+00	9.9034e-04	1.2432e-06	-7.6499e-06	0.0000e+00
408	0.0000e+00	0.0000e+00	8.8322e-04	-6.0209e-06	-6.4270e-06	0.0000e+00
409	0.0000e+00	0.0000e+00	5.1022e-04	-9.9965e-06	-1.6084e-06	0.0000e+00
410	0.0000e+00	0.0000e+00	-1.3251e-03	-1.8668e-05	5.3386e-06	0.0000e+00
411	0.0000e+00	0.0000e+00	-1.9526e-03	-8.6187e-06	1.3236e-05	0.0000e+00
412	0.0000e+00	0.0000e+00	-2.0276e-03	4.3935e-06	1.2609e-05	0.0000e+00
413	0.0000e+00	0.0000e+00	-1.6366e-03	1.2597e-05	8.6502e-06	0.0000e+00
414	0.0000e+00	0.0000e+00	-9.8905e-04	1.6387e-05	4.4847e-06	0.0000e+00
415	0.0000e+00	0.0000e+00	-2.5101e-04	1.7137e-05	6.6220e-07	0.0000e+00
416	0.0000e+00	0.0000e+00	4.8456e-04	1.5409e-05	-3.1801e-06	0.0000e+00
417	0.0000e+00	0.0000e+00	1.0704e-03	1.0881e-05	-7.0060e-06	0.0000e+00
418	0.0000e+00	0.0000e+00	1.3797e-03	2.4498e-06	-1.0398e-05	0.0000e+00
419	0.0000e+00	0.0000e+00	1.2334e-03	-9.6775e-06	-1.0343e-05	0.0000e+00
420	0.0000e+00	0.0000e+00	5.8825e-04	-1.8106e-05	-2.0017e-06	0.0000e+00
421	0.0000e+00	0.0000e+00	-1.5299e-03	-3.4074e-05	4.4208e-06	0.0000e+00
422	0.0000e+00	0.0000e+00	-2.5999e-03	-9.5518e-06	1.7499e-05	0.0000e+00
423	0.0000e+00	0.0000e+00	-2.5660e-03	8.9668e-06	1.1238e-05	0.0000e+00
424	0.0000e+00	0.0000e+00	-1.9827e-03	1.6903e-05	6.6956e-06	0.0000e+00
425	0.0000e+00	0.0000e+00	-1.1650e-03	2.0059e-05	3.3410e-06	0.0000e+00
426	0.0000e+00	0.0000e+00	-2.7703e-04	2.0519e-05	5.3392e-07	0.0000e+00
427	0.0000e+00	0.0000e+00	6.0661e-04	1.8915e-05	-2.2272e-06	0.0000e+00
428	0.0000e+00	0.0000e+00	1.3517e-03	1.4832e-05	-5.4254e-06	0.0000e+00
429	0.0000e+00	0.0000e+00	1.8334e-03	6.4649e-06	-9.6554e-06	0.0000e+00
430	0.0000e+00	0.0000e+00	1.7685e-03	-1.1281e-05	-1.5301e-05	0.0000e+00
431	0.0000e+00	0.0000e+00	6.7534e-04	-3.3084e-05	-2.0096e-06	0.0000e+00
432	0.0000e+00	0.0000e+00	-3.0295e-03	-5.5070e-06	2.2181e-06	0.0000e+00
433	0.0000e+00	0.0000e+00	-2.8508e-03	1.2106e-05	1.5569e-06	0.0000e+00
434	0.0000e+00	0.0000e+00	-2.1580e-03	1.9099e-05	1.2299e-06	0.0000e+00
435	0.0000e+00	0.0000e+00	-1.2572e-03	2.1820e-05	8.7790e-07	0.0000e+00
436	0.0000e+00	0.0000e+00	-2.9557e-04	2.2161e-05	4.5195e-07	0.0000e+00
437	0.0000e+00	0.0000e+00	6.5833e-04	2.0678e-05	1.8776e-07	0.0000e+00
438	0.0000e+00	0.0000e+00	1.4870e-03	1.7035e-05	-5.2650e-07	0.0000e+00
439	0.0000e+00	0.0000e+00	2.0788e-03	9.6283e-06	-8.9653e-07	0.0000e+00
440	0.0000e+00	0.0000e+00	2.1602e-03	-7.3072e-06	-1.3087e-06	0.0000e+00
441	0.0000e+00	0.0000e+00	-7.4776e-04	-9.0770e-06	-2.5708e-06	0.0000e+00
442	0.0000e+00	0.0000e+00	-1.0415e-03	-2.9516e-06	-5.8713e-06	0.0000e+00
443	0.0000e+00	0.0000e+00	-1.2350e-03	-4.6040e-06	-2.6644e-06	0.0000e+00
444	0.0000e+00	0.0000e+00	-1.0081e-03	4.5161e-06	-5.0361e-06	0.0000e+00
445	0.0000e+00	0.0000e+00	-1.1740e-03	4.6581e-06	-2.4659e-06	0.0000e+00
446	0.0000e+00	0.0000e+00	-6.9154e-04	9.9004e-06	-3.0116e-06	0.0000e+00

447	0.0000e+00	0.0000e+00	-7.8682e-04	1.0813e-05	-1.5540e-06	0.0000e+00
448	0.0000e+00	0.0000e+00	-1.9844e-04	1.3067e-05	-7.9597e-07	0.0000e+00
449	0.0000e+00	0.0000e+00	-2.0635e-04	1.4323e-05	1.0226e-06	0.0000e+00
450	0.0000e+00	0.0000e+00	4.2691e-04	1.4059e-05	2.2337e-06	0.0000e+00
451	0.0000e+00	0.0000e+00	5.1880e-04	1.5379e-05	2.3254e-06	0.0000e+00
452	0.0000e+00	0.0000e+00	1.0158e-03	1.2849e-05	4.7583e-06	0.0000e+00
453	0.0000e+00	0.0000e+00	1.2038e-03	1.3987e-05	3.9945e-06	0.0000e+00
454	0.0000e+00	0.0000e+00	1.5042e-03	9.3095e-06	7.1258e-06	0.0000e+00
455	0.0000e+00	0.0000e+00	1.7780e-03	9.9802e-06	5.4694e-06	0.0000e+00
456	0.0000e+00	0.0000e+00	1.7819e-03	3.3027e-06	9.0097e-06	0.0000e+00
457	0.0000e+00	0.0000e+00	2.1194e-03	3.0415e-06	6.4551e-06	0.0000e+00
458	0.0000e+00	0.0000e+00	1.7363e-03	-5.5607e-06	9.5553e-06	0.0000e+00
459	0.0000e+00	0.0000e+00	2.0906e-03	-7.6277e-06	6.6912e-06	0.0000e+00
460	0.0000e+00	0.0000e+00	1.3076e-03	-1.3161e-05	5.6852e-06	0.0000e+00
461	0.0000e+00	0.0000e+00	-6.3677e-04	-5.5059e-06	-2.5332e-06	0.0000e+00
462	0.0000e+00	0.0000e+00	-8.1729e-04	-2.1830e-06	-4.6014e-06	0.0000e+00
463	0.0000e+00	0.0000e+00	-7.9887e-04	3.0136e-06	-4.4798e-06	0.0000e+00
464	0.0000e+00	0.0000e+00	-5.6234e-04	7.5471e-06	-2.8662e-06	0.0000e+00
465	0.0000e+00	0.0000e+00	-1.7224e-04	1.0427e-05	-7.4262e-07	0.0000e+00
466	0.0000e+00	0.0000e+00	3.4080e-04	1.1375e-05	1.8752e-06	0.0000e+00
467	0.0000e+00	0.0000e+00	8.2015e-04	1.0282e-05	4.2128e-06	0.0000e+00
468	0.0000e+00	0.0000e+00	1.2097e-03	7.1108e-06	6.3019e-06	0.0000e+00
469	0.0000e+00	0.0000e+00	1.4172e-03	2.0982e-06	7.6719e-06	0.0000e+00
470	0.0000e+00	0.0000e+00	1.3733e-03	-4.2913e-06	7.3862e-06	0.0000e+00
471	0.0000e+00	0.0000e+00	1.0852e-03	-8.8074e-06	4.7629e-06	0.0000e+00
472	0.0000e+00	0.0000e+00	-5.3826e-04	-3.6046e-06	-1.9944e-06	0.0000e+00
473	0.0000e+00	0.0000e+00	-6.5782e-04	-1.4441e-06	-2.8624e-06	0.0000e+00
474	0.0000e+00	0.0000e+00	-6.4285e-04	2.2448e-06	-2.7465e-06	0.0000e+00
475	0.0000e+00	0.0000e+00	-4.6160e-04	5.9057e-06	-1.7668e-06	0.0000e+00
476	0.0000e+00	0.0000e+00	-1.4806e-04	8.4592e-06	-5.5956e-07	0.0000e+00
477	0.0000e+00	0.0000e+00	2.7029e-04	9.3653e-06	1.4196e-06	0.0000e+00
478	0.0000e+00	0.0000e+00	6.6541e-04	8.4228e-06	2.8820e-06	0.0000e+00
479	0.0000e+00	0.0000e+00	9.8200e-04	5.6898e-06	4.1380e-06	0.0000e+00
480	0.0000e+00	0.0000e+00	1.1461e-03	1.6398e-06	4.8449e-06	0.0000e+00
481	0.0000e+00	0.0000e+00	1.1168e-03	-2.9915e-06	4.5717e-06	0.0000e+00
482	0.0000e+00	0.0000e+00	9.1260e-04	-6.2424e-06	3.2946e-06	0.0000e+00
483	0.0000e+00	0.0000e+00	-4.7104e-04	-3.0825e-06	-1.2441e-06	0.0000e+00
484	0.0000e+00	0.0000e+00	-5.7595e-04	-1.3605e-06	-1.1308e-06	0.0000e+00
485	0.0000e+00	0.0000e+00	-5.7069e-04	1.7365e-06	-8.5750e-07	0.0000e+00
486	0.0000e+00	0.0000e+00	-4.2014e-04	5.0302e-06	6.3255e-07	0.0000e+00
487	0.0000e+00	0.0000e+00	-1.4242e-04	7.4670e-06	7.2546e-07	0.0000e+00
488	0.0000e+00	0.0000e+00	2.2109e-04	8.3989e-06	1.0079e-06	0.0000e+00
489	0.0000e+00	0.0000e+00	5.7843e-04	7.5703e-06	1.3133e-06	0.0000e+00
490	0.0000e+00	0.0000e+00	8.6295e-04	5.0837e-06	1.6031e-06	0.0000e+00
491	0.0000e+00	0.0000e+00	1.0101e-03	1.4729e-06	1.8413e-06	0.0000e+00
492	0.0000e+00	0.0000e+00	9.8940e-04	-2.3608e-06	1.9645e-06	0.0000e+00
493	0.0000e+00	0.0000e+00	8.2030e-04	-5.1390e-06	1.9624e-06	0.0000e+00
494	0.0000e+00	0.0000e+00	-4.4431e-04	-3.7454e-06	7.0102e-07	0.0000e+00
495	0.0000e+00	0.0000e+00	-5.7875e-04	-1.9867e-06	1.3317e-06	0.0000e+00
496	0.0000e+00	0.0000e+00	-5.9593e-04	1.3637e-06	1.9532e-06	0.0000e+00
497	0.0000e+00	0.0000e+00	-4.5450e-04	4.9660e-06	1.9066e-06	0.0000e+00
498	0.0000e+00	0.0000e+00	-1.7092e-04	7.6516e-06	1.3471e-06	0.0000e+00
499	0.0000e+00	0.0000e+00	1.9744e-04	8.7289e-06	7.6739e-07	0.0000e+00
500	0.0000e+00	0.0000e+00	5.7202e-04	7.9308e-06	-1.1986e-06	0.0000e+00
501	0.0000e+00	0.0000e+00	8.7104e-04	5.3493e-06	-2.0395e-06	0.0000e+00
502	0.0000e+00	0.0000e+00	1.0257e-03	1.5248e-06	-2.5818e-06	0.0000e+00
503	0.0000e+00	0.0000e+00	1.0027e-03	-2.4701e-06	-2.5834e-06	0.0000e+00
504	0.0000e+00	0.0000e+00	8.2437e-04	-5.3115e-06	-2.2392e-06	0.0000e+00
505	0.0000e+00	0.0000e+00	-4.5986e-04	-5.8147e-06	1.0356e-06	0.0000e+00
506	0.0000e+00	0.0000e+00	-6.7623e-04	-3.4705e-06	3.5423e-06	0.0000e+00
507	0.0000e+00	0.0000e+00	-7.3167e-04	1.1208e-06	4.6020e-06	0.0000e+00
508	0.0000e+00	0.0000e+00	-5.7589e-04	5.7894e-06	3.9204e-06	0.0000e+00
509	0.0000e+00	0.0000e+00	-2.4154e-04	9.1001e-06	2.1720e-06	0.0000e+00
510	0.0000e+00	0.0000e+00	1.9977e-04	1.0437e-05	7.2277e-07	0.0000e+00
511	0.0000e+00	0.0000e+00	6.4833e-04	9.5943e-06	-2.7507e-06	0.0000e+00
512	0.0000e+00	0.0000e+00	1.0123e-03	6.5722e-06	-4.8635e-06	0.0000e+00
513	0.0000e+00	0.0000e+00	1.2017e-03	1.8106e-06	-6.0773e-06	0.0000e+00
514	0.0000e+00	0.0000e+00	1.1636e-03	-3.4551e-06	-5.6311e-06	0.0000e+00
515	0.0000e+00	0.0000e+00	9.2470e-04	-6.9688e-06	-3.6550e-06	0.0000e+00
516	0.0000e+00	0.0000e+00	-5.1248e-04	-9.9993e-06	1.6261e-06	0.0000e+00
517	0.0000e+00	0.0000e+00	-8.8550e-04	-6.0250e-06	6.4399e-06	0.0000e+00
518	0.0000e+00	0.0000e+00	-9.9279e-04	1.2385e-06	7.6629e-06	0.0000e+00

519	0.0000e+00	0.0000e+00	-7.8847e-04	7.6920e-06	5.9374e-06	0.0000e+00
520	0.0000e+00	0.0000e+00	-3.5218e-04	1.1797e-05	2.9521e-06	0.0000e+00
521	0.0000e+00	0.0000e+00	2.2092e-04	1.3410e-05	-7.2729e-07	0.0000e+00
522	0.0000e+00	0.0000e+00	7.9653e-04	1.2538e-05	-4.0771e-06	0.0000e+00
523	0.0000e+00	0.0000e+00	1.2790e-03	8.9379e-06	-7.4479e-06	0.0000e+00
524	0.0000e+00	0.0000e+00	1.5407e-03	2.5447e-06	-9.7541e-06	0.0000e+00
525	0.0000e+00	0.0000e+00	1.4768e-03	-5.4935e-06	-9.1685e-06	0.0000e+00
526	0.0000e+00	0.0000e+00	1.1029e-03	-1.0810e-05	-4.8889e-06	0.0000e+00
527	0.0000e+00	0.0000e+00	-5.9082e-04	-1.8108e-05	2.0004e-06	0.0000e+00
528	0.0000e+00	0.0000e+00	-1.2360e-03	-9.6821e-06	1.0342e-05	0.0000e+00
529	0.0000e+00	0.0000e+00	-1.3824e-03	2.4446e-06	1.0398e-05	0.0000e+00
530	0.0000e+00	0.0000e+00	-1.0733e-03	1.0878e-05	7.0059e-06	0.0000e+00
531	0.0000e+00	0.0000e+00	-4.8788e-04	1.5407e-05	3.1809e-06	0.0000e+00
532	0.0000e+00	0.0000e+00	2.4944e-04	1.7138e-05	-6.6283e-07	0.0000e+00
533	0.0000e+00	0.0000e+00	9.8664e-04	1.6390e-05	-4.4820e-06	0.0000e+00
534	0.0000e+00	0.0000e+00	1.6343e-03	1.2602e-05	-8.6453e-06	0.0000e+00
535	0.0000e+00	0.0000e+00	2.0256e-03	4.3997e-06	-1.2602e-05	0.0000e+00
536	0.0000e+00	0.0000e+00	1.9510e-03	-8.6085e-06	-1.3227e-05	0.0000e+00
537	0.0000e+00	0.0000e+00	1.3241e-03	-1.8659e-05	-5.3306e-06	0.0000e+00
538	0.0000e+00	0.0000e+00	-6.7765e-04	-3.3087e-05	2.0025e-06	0.0000e+00
539	0.0000e+00	0.0000e+00	-1.7707e-03	-1.1287e-05	1.5294e-05	0.0000e+00
540	0.0000e+00	0.0000e+00	-1.8358e-03	6.4597e-06	9.6484e-06	0.0000e+00
541	0.0000e+00	0.0000e+00	-1.3544e-03	1.4828e-05	5.4181e-06	0.0000e+00
542	0.0000e+00	0.0000e+00	-6.0970e-04	1.8913e-05	2.2198e-06	0.0000e+00
543	0.0000e+00	0.0000e+00	2.7554e-04	2.0519e-05	-5.4077e-07	0.0000e+00
544	0.0000e+00	0.0000e+00	1.1626e-03	2.0061e-05	-3.3473e-06	0.0000e+00
545	0.0000e+00	0.0000e+00	1.9804e-03	1.6907e-05	-6.7006e-06	0.0000e+00
546	0.0000e+00	0.0000e+00	2.5638e-03	8.9725e-06	-1.1241e-05	0.0000e+00
547	0.0000e+00	0.0000e+00	2.5982e-03	-9.5433e-06	-1.7501e-05	0.0000e+00
548	0.0000e+00	0.0000e+00	1.5287e-03	-3.4068e-05	-4.4209e-06	0.0000e+00
549	0.0000e+00	0.0000e+00	-2.1621e-03	-7.3112e-06	1.3120e-06	0.0000e+00
550	0.0000e+00	0.0000e+00	-2.0808e-03	9.6242e-06	8.9532e-07	0.0000e+00
551	0.0000e+00	0.0000e+00	-1.4893e-03	1.7032e-05	5.2407e-07	0.0000e+00
552	0.0000e+00	0.0000e+00	-6.6089e-04	2.0676e-05	-1.9969e-07	0.0000e+00
553	0.0000e+00	0.0000e+00	2.9420e-04	2.2161e-05	-4.6948e-07	0.0000e+00
554	0.0000e+00	0.0000e+00	1.2551e-03	2.1821e-05	-8.9395e-07	0.0000e+00
555	0.0000e+00	0.0000e+00	2.1560e-03	1.9102e-05	-1.2453e-06	0.0000e+00
556	0.0000e+00	0.0000e+00	2.8488e-03	1.2110e-05	-1.5703e-06	0.0000e+00
557	0.0000e+00	0.0000e+00	3.0279e-03	-5.5013e-06	-2.2272e-06	0.0000e+00
558	0.0000e+00	0.0000e+00	-1.4844e-03	-1.2586e-05	-5.1369e-06	0.0000e+00
559	0.0000e+00	0.0000e+00	-1.8765e-03	-4.3167e-06	-8.8379e-06	0.0000e+00
560	0.0000e+00	0.0000e+00	-2.1579e-03	-6.8226e-06	-5.2883e-06	0.0000e+00
561	0.0000e+00	0.0000e+00	-1.8769e-03	4.4170e-06	-8.2638e-06	0.0000e+00
562	0.0000e+00	0.0000e+00	-2.1535e-03	4.0245e-06	-5.2150e-06	0.0000e+00
563	0.0000e+00	0.0000e+00	-1.5629e-03	1.0527e-05	-6.4321e-06	0.0000e+00
564	0.0000e+00	0.0000e+00	-1.7825e-03	1.1062e-05	-4.4970e-06	0.0000e+00
565	0.0000e+00	0.0000e+00	-1.0682e-03	1.4063e-05	-4.1631e-06	0.0000e+00
566	0.0000e+00	0.0000e+00	-1.2023e-03	1.5089e-05	-3.3723e-06	0.0000e+00
567	0.0000e+00	0.0000e+00	-6.0454e-04	1.5215e-05	-1.9898e-06	0.0000e+00
568	0.0000e+00	0.0000e+00	-6.3325e-04	1.6417e-05	-2.4312e-06	0.0000e+00
569	0.0000e+00	0.0000e+00	6.5803e-04	1.4088e-05	1.9337e-06	0.0000e+00
570	0.0000e+00	0.0000e+00	6.6845e-04	1.5188e-05	2.6600e-06	0.0000e+00
571	0.0000e+00	0.0000e+00	1.0733e-03	1.0671e-05	3.9334e-06	0.0000e+00
572	0.0000e+00	0.0000e+00	1.1603e-03	1.1360e-05	3.9630e-06	0.0000e+00
573	0.0000e+00	0.0000e+00	1.3859e-03	4.8730e-06	5.7427e-06	0.0000e+00
574	0.0000e+00	0.0000e+00	1.5276e-03	4.7366e-06	5.5974e-06	0.0000e+00
575	0.0000e+00	0.0000e+00	1.4238e-03	-3.2666e-06	6.2299e-06	0.0000e+00
576	0.0000e+00	0.0000e+00	1.5647e-03	-5.5461e-06	7.4512e-06	0.0000e+00
577	0.0000e+00	0.0000e+00	1.1236e-03	-1.0166e-05	3.1455e-06	0.0000e+00
578	0.0000e+00	0.0000e+00	-1.2624e-03	-8.2953e-06	-5.3245e-06	0.0000e+00
579	0.0000e+00	0.0000e+00	-1.5226e-03	-3.3102e-06	-7.7404e-06	0.0000e+00
580	0.0000e+00	0.0000e+00	-1.5284e-03	3.0511e-06	-7.7908e-06	0.0000e+00
581	0.0000e+00	0.0000e+00	-1.2879e-03	8.2449e-06	-6.2961e-06	0.0000e+00
582	0.0000e+00	0.0000e+00	-8.9318e-04	1.1451e-05	-4.2248e-06	0.0000e+00
583	0.0000e+00	0.0000e+00	-5.3216e-04	1.2541e-05	-2.2874e-06	0.0000e+00
584	0.0000e+00	0.0000e+00	5.9576e-04	1.1550e-05	2.0558e-06	0.0000e+00
585	0.0000e+00	0.0000e+00	9.3456e-04	8.5645e-06	3.5472e-06	0.0000e+00
586	0.0000e+00	0.0000e+00	1.1892e-03	3.8526e-06	4.6984e-06	0.0000e+00
587	0.0000e+00	0.0000e+00	1.2404e-03	-1.7904e-06	4.2685e-06	0.0000e+00
588	0.0000e+00	0.0000e+00	1.0797e-03	-5.7290e-06	1.8177e-06	0.0000e+00
589	0.0000e+00	0.0000e+00	-1.0510e-03	-5.8326e-06	-4.5633e-06	0.0000e+00
590	0.0000e+00	0.0000e+00	-1.2348e-03	-2.2862e-06	-5.6933e-06	0.0000e+00

591	0.0000e+00	0.0000e+00	-1.2360e-03	2.4232e-06	-5.7401e-06	0.0000e+00
592	0.0000e+00	0.0000e+00	-1.0453e-03	6.6546e-06	-4.8854e-06	0.0000e+00
593	0.0000e+00	0.0000e+00	-7.2248e-04	9.4848e-06	-3.6830e-06	0.0000e+00
594	0.0000e+00	0.0000e+00	-4.2737e-04	1.0510e-05	-2.6942e-06	0.0000e+00
595	0.0000e+00	0.0000e+00	5.0404e-04	9.6748e-06	2.5172e-06	0.0000e+00
596	0.0000e+00	0.0000e+00	7.9767e-04	7.1671e-06	3.1027e-06	0.0000e+00
597	0.0000e+00	0.0000e+00	1.0174e-03	3.5032e-06	3.6412e-06	0.0000e+00
598	0.0000e+00	0.0000e+00	1.0850e-03	-4.9628e-07	3.4783e-06	0.0000e+00
599	0.0000e+00	0.0000e+00	1.0070e-03	-3.0723e-06	2.5981e-06	0.0000e+00
600	0.0000e+00	0.0000e+00	-9.0004e-04	-4.8496e-06	-3.4796e-06	0.0000e+00
601	0.0000e+00	0.0000e+00	-1.0546e-03	-1.9210e-06	-3.6184e-06	0.0000e+00
602	0.0000e+00	0.0000e+00	-1.0556e-03	2.0908e-06	-3.4746e-06	0.0000e+00
603	0.0000e+00	0.0000e+00	-8.8713e-04	5.8495e-06	-3.1974e-06	0.0000e+00
604	0.0000e+00	0.0000e+00	-5.9089e-04	8.4915e-06	-2.9636e-06	0.0000e+00
605	0.0000e+00	0.0000e+00	-3.0574e-04	9.4895e-06	-2.8756e-06	0.0000e+00
606	0.0000e+00	0.0000e+00	4.1160e-04	8.7349e-06	2.9609e-06	0.0000e+00
607	0.0000e+00	0.0000e+00	7.0189e-04	6.4640e-06	3.1868e-06	0.0000e+00
608	0.0000e+00	0.0000e+00	9.0854e-04	3.2888e-06	3.4490e-06	0.0000e+00
609	0.0000e+00	0.0000e+00	9.8188e-04	3.2242e-07	3.5589e-06	0.0000e+00
610	0.0000e+00	0.0000e+00	9.3899e-04	-1.9311e-06	3.2932e-06	0.0000e+00
611	0.0000e+00	0.0000e+00	-8.4036e-04	-5.1376e-06	2.8673e-06	0.0000e+00
612	0.0000e+00	0.0000e+00	-1.0099e-03	-2.2564e-06	2.9885e-06	0.0000e+00
613	0.0000e+00	0.0000e+00	-1.0207e-03	1.9496e-06	3.0407e-06	0.0000e+00
614	0.0000e+00	0.0000e+00	-8.4960e-04	5.9038e-06	2.8463e-06	0.0000e+00
615	0.0000e+00	0.0000e+00	-5.3187e-04	8.6942e-06	2.6365e-06	0.0000e+00
616	0.0000e+00	0.0000e+00	-1.8567e-04	9.7414e-06	2.7718e-06	0.0000e+00
617	0.0000e+00	0.0000e+00	3.6311e-04	8.9316e-06	-3.2976e-06	0.0000e+00
618	0.0000e+00	0.0000e+00	6.9130e-04	6.5007e-06	-3.9242e-06	0.0000e+00
619	0.0000e+00	0.0000e+00	9.0169e-04	3.0934e-06	-4.3032e-06	0.0000e+00
620	0.0000e+00	0.0000e+00	9.6255e-04	-4.3153e-07	-4.2072e-06	0.0000e+00
621	0.0000e+00	0.0000e+00	9.0336e-04	-2.2580e-06	3.7009e-06	0.0000e+00
622	0.0000e+00	0.0000e+00	-8.8355e-04	-6.8897e-06	3.2884e-06	0.0000e+00
623	0.0000e+00	0.0000e+00	-1.1190e-03	-3.4313e-06	5.0100e-06	0.0000e+00
624	0.0000e+00	0.0000e+00	-1.1530e-03	2.0095e-06	5.5988e-06	0.0000e+00
625	0.0000e+00	0.0000e+00	-9.5406e-04	6.9096e-06	4.6909e-06	0.0000e+00
626	0.0000e+00	0.0000e+00	-5.7074e-04	1.0197e-05	3.1288e-06	0.0000e+00
627	0.0000e+00	0.0000e+00	-9.8317e-05	1.1360e-05	2.4035e-06	0.0000e+00
628	0.0000e+00	0.0000e+00	4.0334e-04	1.0366e-05	-3.5711e-06	0.0000e+00
629	0.0000e+00	0.0000e+00	7.9975e-04	7.3762e-06	-5.1662e-06	0.0000e+00
630	0.0000e+00	0.0000e+00	1.0305e-03	2.9396e-06	-6.0069e-06	0.0000e+00
631	0.0000e+00	0.0000e+00	1.0565e-03	-1.6635e-06	-5.3926e-06	0.0000e+00
632	0.0000e+00	0.0000e+00	9.1705e-04	-4.2778e-06	-3.8252e-06	0.0000e+00
633	0.0000e+00	0.0000e+00	-1.0153e-03	-1.0798e-05	4.1686e-06	0.0000e+00
634	0.0000e+00	0.0000e+00	-1.3895e-03	-5.6641e-06	8.3529e-06	0.0000e+00
635	0.0000e+00	0.0000e+00	-1.4580e-03	2.5019e-06	9.1392e-06	0.0000e+00
636	0.0000e+00	0.0000e+00	-1.1954e-03	9.0748e-06	7.0665e-06	0.0000e+00
637	0.0000e+00	0.0000e+00	-6.9995e-04	1.2998e-05	4.0007e-06	0.0000e+00
638	0.0000e+00	0.0000e+00	-1.0489e-04	1.4247e-05	1.8146e-06	0.0000e+00
639	0.0000e+00	0.0000e+00	5.2284e-04	1.3029e-05	-3.7432e-06	0.0000e+00
640	0.0000e+00	0.0000e+00	1.0223e-03	9.2943e-06	-6.5547e-06	0.0000e+00
641	0.0000e+00	0.0000e+00	1.3033e-03	3.1050e-06	-8.3168e-06	0.0000e+00
642	0.0000e+00	0.0000e+00	1.2784e-03	-4.1879e-06	-7.3219e-06	0.0000e+00
643	0.0000e+00	0.0000e+00	9.7834e-04	-8.5764e-06	-3.5895e-06	0.0000e+00
644	0.0000e+00	0.0000e+00	-1.2019e-03	-1.8679e-05	4.7121e-06	0.0000e+00
645	0.0000e+00	0.0000e+00	-1.8319e-03	-9.0145e-06	1.2670e-05	0.0000e+00
646	0.0000e+00	0.0000e+00	-1.9202e-03	4.1364e-06	1.2257e-05	0.0000e+00
647	0.0000e+00	0.0000e+00	-1.5349e-03	1.2608e-05	8.4018e-06	0.0000e+00
648	0.0000e+00	0.0000e+00	-8.8051e-04	1.6762e-05	4.3391e-06	0.0000e+00
649	0.0000e+00	0.0000e+00	-1.5500e-04	1.7903e-05	1.0924e-06	0.0000e+00
650	0.0000e+00	0.0000e+00	6.7316e-04	1.6575e-05	-3.4548e-06	0.0000e+00
651	0.0000e+00	0.0000e+00	1.3168e-03	1.2432e-05	-7.1146e-06	0.0000e+00
652	0.0000e+00	0.0000e+00	1.7009e-03	4.3201e-06	-1.0401e-05	0.0000e+00
653	0.0000e+00	0.0000e+00	1.6380e-03	-7.9017e-06	-1.0360e-05	0.0000e+00
654	0.0000e+00	0.0000e+00	1.0644e-03	-1.6830e-05	-2.7506e-06	0.0000e+00
655	0.0000e+00	0.0000e+00	-1.3933e-03	-3.4078e-05	4.5820e-06	0.0000e+00
656	0.0000e+00	0.0000e+00	-2.4703e-03	-1.0239e-05	1.7838e-05	0.0000e+00
657	0.0000e+00	0.0000e+00	-2.4547e-03	8.6668e-06	1.1488e-05	0.0000e+00
658	0.0000e+00	0.0000e+00	-1.8769e-03	1.6940e-05	6.7745e-06	0.0000e+00
659	0.0000e+00	0.0000e+00	-1.0526e-03	2.0436e-05	3.3284e-06	0.0000e+00
660	0.0000e+00	0.0000e+00	-1.8727e-04	2.1237e-05	5.2886e-07	0.0000e+00
661	0.0000e+00	0.0000e+00	7.9860e-04	1.9973e-05	-2.1717e-06	0.0000e+00
662	0.0000e+00	0.0000e+00	1.5939e-03	1.6213e-05	-5.1919e-06	0.0000e+00

663	0.0000e+00	0.0000e+00	2.1418e-03	8.1361e-06	-9.1446e-06	0.0000e+00
664	0.0000e+00	0.0000e+00	2.1546e-03	-9.5715e-06	-1.4514e-05	0.0000e+00
665	0.0000e+00	0.0000e+00	1.1270e-03	-3.2338e-05	-1.2017e-06	0.0000e+00
666	0.0000e+00	0.0000e+00	-2.9421e-03	-5.4957e-06	3.5654e-06	0.0000e+00
667	0.0000e+00	0.0000e+00	-2.7612e-03	1.2206e-05	2.3851e-06	0.0000e+00
668	0.0000e+00	0.0000e+00	-2.0611e-03	1.9364e-05	1.6867e-06	0.0000e+00
669	0.0000e+00	0.0000e+00	-1.1465e-03	2.2292e-05	1.1746e-06	0.0000e+00
670	0.0000e+00	0.0000e+00	-1.9404e-04	2.2862e-05	8.4037e-07	0.0000e+00
671	0.0000e+00	0.0000e+00	8.4205e-04	2.1598e-05	-9.1110e-07	0.0000e+00
672	0.0000e+00	0.0000e+00	1.7120e-03	1.8120e-05	-1.4036e-06	0.0000e+00
673	0.0000e+00	0.0000e+00	2.3520e-03	1.0761e-05	-2.3570e-06	0.0000e+00
674	0.0000e+00	0.0000e+00	2.4799e-03	-6.3591e-06	-4.1757e-06	0.0000e+00
675	0.0000e+00	0.0000e+00	7.2410e-04	-9.7143e-06	-4.5001e-06	0.0000e+00
676	0.0000e+00	0.0000e+00	5.6703e-04	-1.2950e-05	-8.5735e-06	0.0000e+00
677	0.0000e+00	0.0000e+00	3.7598e-04	-8.9369e-06	-6.2148e-06	0.0000e+00
678	0.0000e+00	0.0000e+00	2.8682e-04	-1.0922e-05	-8.5975e-06	0.0000e+00
679	0.0000e+00	0.0000e+00	2.4397e-04	-1.0085e-05	-7.5570e-06	0.0000e+00
680	0.0000e+00	0.0000e+00	-5.1640e-04	-1.2023e-05	-9.4186e-06	0.0000e+00
681	0.0000e+00	0.0000e+00	-5.8180e-04	-1.2289e-05	-9.1104e-06	0.0000e+00
682	0.0000e+00	0.0000e+00	-9.9288e-04	-1.4568e-05	-1.0714e-05	0.0000e+00
683	0.0000e+00	0.0000e+00	-1.1019e-03	-1.5839e-05	-1.0987e-05	0.0000e+00
684	0.0000e+00	0.0000e+00	-1.6082e-03	-1.8470e-05	-1.2355e-05	0.0000e+00
685	0.0000e+00	0.0000e+00	-1.7964e-03	-2.1527e-05	-1.3143e-05	0.0000e+00
686	0.0000e+00	0.0000e+00	-2.3975e-03	-2.4332e-05	-1.4276e-05	0.0000e+00
687	0.0000e+00	0.0000e+00	-2.7460e-03	-2.9776e-05	-1.5490e-05	0.0000e+00
688	0.0000e+00	0.0000e+00	-3.4347e-03	-3.2603e-05	-1.6434e-05	0.0000e+00
689	0.0000e+00	0.0000e+00	-4.0525e-03	-4.0487e-05	-1.7945e-05	0.0000e+00
690	0.0000e+00	0.0000e+00	-4.8164e-03	-4.3404e-05	-1.8818e-05	0.0000e+00
691	0.0000e+00	0.0000e+00	-5.8084e-03	-5.2893e-05	-2.0633e-05	0.0000e+00
692	0.0000e+00	0.0000e+00	-6.6467e-03	-5.6724e-05	-2.1510e-05	0.0000e+00
693	0.0000e+00	0.0000e+00	-8.0439e-03	-6.3891e-05	-2.3668e-05	0.0000e+00
694	0.0000e+00	0.0000e+00	8.3052e-04	-6.6405e-06	-2.1222e-06	0.0000e+00
695	0.0000e+00	0.0000e+00	5.6710e-04	-7.0107e-06	-3.9532e-06	0.0000e+00
696	0.0000e+00	0.0000e+00	3.4084e-04	-8.1880e-06	-5.4107e-06	0.0000e+00
697	0.0000e+00	0.0000e+00	3.4403e-04	-1.0247e-05	-6.9910e-06	0.0000e+00
698	0.0000e+00	0.0000e+00	-6.9043e-04	-1.3741e-05	-8.8657e-06	0.0000e+00
699	0.0000e+00	0.0000e+00	-1.2691e-03	-1.9494e-05	-1.0996e-05	0.0000e+00
700	0.0000e+00	0.0000e+00	-2.1298e-03	-2.7805e-05	-1.3299e-05	0.0000e+00
701	0.0000e+00	0.0000e+00	-3.3645e-03	-3.8246e-05	-1.5731e-05	0.0000e+00
702	0.0000e+00	0.0000e+00	-5.0384e-03	-4.9417e-05	-1.8451e-05	0.0000e+00
703	0.0000e+00	0.0000e+00	-7.1309e-03	-5.8263e-05	-2.1200e-05	0.0000e+00
704	0.0000e+00	0.0000e+00	8.5831e-04	-4.1609e-06	-2.0279e-06	0.0000e+00
705	0.0000e+00	0.0000e+00	6.8420e-04	-4.9201e-06	-2.3259e-06	0.0000e+00
706	0.0000e+00	0.0000e+00	5.0990e-04	-6.1424e-06	-3.3004e-06	0.0000e+00
707	0.0000e+00	0.0000e+00	3.7010e-04	-8.1435e-06	-4.7608e-06	0.0000e+00
708	0.0000e+00	0.0000e+00	-4.2778e-04	-1.1657e-05	-6.5722e-06	0.0000e+00
709	0.0000e+00	0.0000e+00	-8.4505e-04	-1.7495e-05	-8.6083e-06	0.0000e+00
710	0.0000e+00	0.0000e+00	-1.6141e-03	-2.5810e-05	-1.0779e-05	0.0000e+00
711	0.0000e+00	0.0000e+00	-2.7784e-03	-3.5967e-05	-1.3038e-05	0.0000e+00
712	0.0000e+00	0.0000e+00	-4.3743e-03	-4.6473e-05	-1.5426e-05	0.0000e+00
713	0.0000e+00	0.0000e+00	-6.3643e-03	-5.4808e-05	-1.7583e-05	0.0000e+00
714	0.0000e+00	0.0000e+00	8.4200e-04	-2.7147e-06	2.6456e-06	0.0000e+00
715	0.0000e+00	0.0000e+00	7.2817e-04	-3.2409e-06	-1.7736e-06	0.0000e+00
716	0.0000e+00	0.0000e+00	6.1082e-04	-4.2592e-06	-1.4971e-06	0.0000e+00
717	0.0000e+00	0.0000e+00	4.8087e-04	-6.1238e-06	-2.6554e-06	0.0000e+00
718	0.0000e+00	0.0000e+00	3.5981e-04	-9.6246e-06	-4.4263e-06	0.0000e+00
719	0.0000e+00	0.0000e+00	-5.3532e-04	-1.5556e-05	-6.3867e-06	0.0000e+00
720	0.0000e+00	0.0000e+00	-1.2017e-03	-2.3984e-05	-8.3774e-06	0.0000e+00
721	0.0000e+00	0.0000e+00	-2.3035e-03	-3.4206e-05	-1.0291e-05	0.0000e+00
722	0.0000e+00	0.0000e+00	-3.8461e-03	-4.4767e-05	-1.2042e-05	0.0000e+00
723	0.0000e+00	0.0000e+00	-5.7893e-03	-5.3409e-05	-1.3434e-05	0.0000e+00
724	0.0000e+00	0.0000e+00	8.0310e-04	-2.5279e-06	3.0824e-06	0.0000e+00
725	0.0000e+00	0.0000e+00	7.0842e-04	-2.1984e-06	2.2766e-06	0.0000e+00
726	0.0000e+00	0.0000e+00	6.3166e-04	-2.6355e-06	1.1108e-06	0.0000e+00
727	0.0000e+00	0.0000e+00	5.4635e-04	-4.1839e-06	-7.3377e-07	0.0000e+00
728	0.0000e+00	0.0000e+00	4.0862e-04	-7.5507e-06	-2.5560e-06	0.0000e+00
729	0.0000e+00	0.0000e+00	-3.5129e-04	-1.3610e-05	-4.5309e-06	0.0000e+00
730	0.0000e+00	0.0000e+00	-8.8331e-04	-2.2398e-05	-6.3575e-06	0.0000e+00
731	0.0000e+00	0.0000e+00	-1.9354e-03	-3.3199e-05	-7.8119e-06	0.0000e+00
732	0.0000e+00	0.0000e+00	-3.4621e-03	-4.4543e-05	-8.7534e-06	0.0000e+00
733	0.0000e+00	0.0000e+00	-5.4248e-03	-5.4149e-05	-9.4326e-06	0.0000e+00
734	0.0000e+00	0.0000e+00	7.4486e-04	-3.9637e-06	3.4041e-06	0.0000e+00

735	0.0000e+00	0.0000e+00	6.2126e-04	-2.1210e-06	3.5548e-06	0.0000e+00
736	0.0000e+00	0.0000e+00	5.6761e-04	-1.2229e-06	2.8258e-06	0.0000e+00
737	0.0000e+00	0.0000e+00	5.3945e-04	-2.3061e-06	1.2027e-06	0.0000e+00
738	0.0000e+00	0.0000e+00	4.5575e-04	-5.3129e-06	-9.9577e-07	0.0000e+00
739	0.0000e+00	0.0000e+00	2.9886e-04	-1.1546e-05	-3.1040e-06	0.0000e+00
740	0.0000e+00	0.0000e+00	-6.4365e-04	-2.1003e-05	-4.8737e-06	0.0000e+00
741	0.0000e+00	0.0000e+00	-1.6563e-03	-3.2981e-05	-5.8805e-06	0.0000e+00
742	0.0000e+00	0.0000e+00	-3.2099e-03	-4.5940e-05	-5.9578e-06	0.0000e+00
743	0.0000e+00	0.0000e+00	-5.2685e-03	-5.7267e-05	-6.5398e-06	0.0000e+00
744	0.0000e+00	0.0000e+00	6.4724e-04	-7.1150e-06	4.2581e-06	0.0000e+00
745	0.0000e+00	0.0000e+00	4.4740e-04	-2.8571e-06	5.7339e-06	0.0000e+00
746	0.0000e+00	0.0000e+00	4.1107e-04	7.0556e-07	4.9502e-06	0.0000e+00
747	0.0000e+00	0.0000e+00	4.5658e-04	1.6744e-06	2.8742e-06	0.0000e+00
748	0.0000e+00	0.0000e+00	4.6090e-04	-2.9471e-06	5.0590e-07	0.0000e+00
749	0.0000e+00	0.0000e+00	3.2525e-04	-9.2660e-06	-2.0227e-06	0.0000e+00
750	0.0000e+00	0.0000e+00	-4.6694e-04	-1.9620e-05	-3.8795e-06	0.0000e+00
751	0.0000e+00	0.0000e+00	-1.4395e-03	-3.3362e-05	-4.6645e-06	0.0000e+00
752	0.0000e+00	0.0000e+00	-3.0593e-03	-4.8981e-05	-3.9750e-06	0.0000e+00
753	0.0000e+00	0.0000e+00	-5.3005e-03	-6.3162e-05	5.9541e-06	0.0000e+00
754	0.0000e+00	0.0000e+00	4.6197e-04	-1.2068e-05	6.9973e-06	0.0000e+00
755	0.0000e+00	0.0000e+00	1.7658e-04	-3.2738e-06	8.5474e-06	0.0000e+00
756	0.0000e+00	0.0000e+00	1.7373e-04	2.8477e-06	6.5928e-06	0.0000e+00
757	0.0000e+00	0.0000e+00	3.1216e-04	3.9973e-06	3.9058e-06	0.0000e+00
758	0.0000e+00	0.0000e+00	4.2164e-04	1.8933e-06	1.3611e-06	0.0000e+00
759	0.0000e+00	0.0000e+00	3.5818e-04	-6.8819e-06	-1.0485e-06	0.0000e+00
760	0.0000e+00	0.0000e+00	-3.4487e-04	-1.8048e-05	-2.8881e-06	0.0000e+00
761	0.0000e+00	0.0000e+00	-1.2602e-03	-3.3798e-05	-3.8934e-06	0.0000e+00
762	0.0000e+00	0.0000e+00	-2.9670e-03	-5.3374e-05	-3.0006e-06	0.0000e+00
763	0.0000e+00	0.0000e+00	-5.4859e-03	-7.2531e-05	7.1309e-06	0.0000e+00
764	0.0000e+00	0.0000e+00	-1.6975e-04	-1.6401e-05	1.2974e-05	0.0000e+00
765	0.0000e+00	0.0000e+00	-2.7416e-04	1.4360e-06	9.2052e-06	0.0000e+00
766	0.0000e+00	0.0000e+00	-1.4296e-04	6.0236e-06	5.8521e-06	0.0000e+00
767	0.0000e+00	0.0000e+00	1.5345e-04	6.6812e-06	3.4872e-06	0.0000e+00
768	0.0000e+00	0.0000e+00	3.5143e-04	3.3930e-06	1.8139e-06	0.0000e+00
769	0.0000e+00	0.0000e+00	3.5522e-04	-4.9872e-06	7.9498e-07	0.0000e+00
770	0.0000e+00	0.0000e+00	-2.7214e-04	-1.6488e-05	-1.2518e-06	0.0000e+00
771	0.0000e+00	0.0000e+00	-1.1276e-03	-3.3274e-05	-2.3028e-06	0.0000e+00
772	0.0000e+00	0.0000e+00	-2.8908e-03	-5.7394e-05	-2.9588e-06	0.0000e+00
773	0.0000e+00	0.0000e+00	-5.7751e-03	-8.6737e-05	8.3158e-06	0.0000e+00
774	0.0000e+00	0.0000e+00	-3.4708e-04	-1.1809e-05	-4.4833e-06	0.0000e+00
775	0.0000e+00	0.0000e+00	-5.0013e-04	2.6682e-06	2.7278e-06	0.0000e+00
776	0.0000e+00	0.0000e+00	-2.8753e-04	7.7237e-06	1.8275e-06	0.0000e+00
777	0.0000e+00	0.0000e+00	5.7888e-05	7.7275e-06	1.6297e-06	0.0000e+00
778	0.0000e+00	0.0000e+00	2.7052e-04	3.9348e-06	1.8915e-06	0.0000e+00
779	0.0000e+00	0.0000e+00	2.8629e-04	-4.5597e-06	2.4835e-06	0.0000e+00
780	0.0000e+00	0.0000e+00	-2.4794e-04	-1.6263e-05	3.4012e-06	0.0000e+00
781	0.0000e+00	0.0000e+00	-1.1533e-03	-3.3215e-05	4.6996e-06	0.0000e+00
782	0.0000e+00	0.0000e+00	-2.9347e-03	-5.7839e-05	6.3824e-06	0.0000e+00
783	0.0000e+00	0.0000e+00	4.1272e-04	-5.8426e-06	-1.2349e-06	0.0000e+00
784	0.0000e+00	0.0000e+00	3.9697e-04	-7.6200e-06	1.5637e-06	0.0000e+00
785	0.0000e+00	0.0000e+00	2.7309e-04	-5.6245e-07	-1.0493e-06	0.0000e+00
786	0.0000e+00	0.0000e+00	2.6732e-04	-8.9896e-07	1.2114e-06	0.0000e+00
787	0.0000e+00	0.0000e+00	3.2496e-04	2.8520e-06	7.2810e-07	0.0000e+00
788	0.0000e+00	0.0000e+00	3.5737e-04	2.9364e-06	1.2812e-06	0.0000e+00
789	0.0000e+00	0.0000e+00	4.7445e-04	3.9297e-06	2.0181e-06	0.0000e+00
790	0.0000e+00	0.0000e+00	5.5463e-04	4.0542e-06	1.7296e-06	0.0000e+00
791	0.0000e+00	0.0000e+00	6.1855e-04	2.5953e-06	3.4343e-06	0.0000e+00
792	0.0000e+00	0.0000e+00	7.4411e-04	2.4580e-06	2.2037e-06	0.0000e+00
793	0.0000e+00	0.0000e+00	6.5005e-04	-1.2243e-06	4.4869e-06	0.0000e+00
794	0.0000e+00	0.0000e+00	8.0558e-04	-2.0390e-06	2.3325e-06	0.0000e+00
795	0.0000e+00	0.0000e+00	4.6311e-04	-7.3172e-06	4.3518e-06	0.0000e+00
796	0.0000e+00	0.0000e+00	6.0973e-04	-9.8069e-06	1.7405e-06	0.0000e+00
797	0.0000e+00	0.0000e+00	2.9600e-05	-1.1947e-05	2.5573e-07	0.0000e+00
798	0.0000e+00	0.0000e+00	4.2003e-04	-4.4556e-06	4.2760e-07	0.0000e+00
799	0.0000e+00	0.0000e+00	2.9404e-04	-1.2855e-06	-3.5728e-07	0.0000e+00
800	0.0000e+00	0.0000e+00	3.0146e-04	1.3800e-06	6.7124e-07	0.0000e+00
801	0.0000e+00	0.0000e+00	3.8879e-04	2.3096e-06	1.9220e-06	0.0000e+00
802	0.0000e+00	0.0000e+00	4.7303e-04	1.2191e-06	3.1601e-06	0.0000e+00
803	0.0000e+00	0.0000e+00	4.6750e-04	-1.7510e-06	3.8118e-06	0.0000e+00
804	0.0000e+00	0.0000e+00	3.0804e-04	-5.5719e-06	2.9790e-06	0.0000e+00
805	0.0000e+00	0.0000e+00	1.9399e-05	-7.6453e-06	2.1126e-07	0.0000e+00
806	0.0000e+00	0.0000e+00	3.8676e-04	-3.2733e-06	1.0123e-06	0.0000e+00

807	0.0000e+00	0.0000e+00	2.8245e-04	-1.3668e-06	6.1890e-07	0.0000e+00
808	0.0000e+00	0.0000e+00	2.6697e-04	5.4973e-07	9.3051e-07	0.0000e+00
809	0.0000e+00	0.0000e+00	3.1236e-04	1.2942e-06	1.5779e-06	0.0000e+00
810	0.0000e+00	0.0000e+00	3.5685e-04	4.8784e-07	2.1767e-06	0.0000e+00
811	0.0000e+00	0.0000e+00	3.3544e-04	-1.6151e-06	2.3352e-06	0.0000e+00
812	0.0000e+00	0.0000e+00	2.1094e-04	-3.9878e-06	1.6393e-06	0.0000e+00
813	0.0000e+00	0.0000e+00	1.1304e-05	-5.0909e-06	1.6040e-07	0.0000e+00
814	0.0000e+00	0.0000e+00	3.3724e-04	-2.8774e-06	1.2549e-06	0.0000e+00
815	0.0000e+00	0.0000e+00	2.4181e-04	-1.3495e-06	1.2279e-06	0.0000e+00
816	0.0000e+00	0.0000e+00	2.2067e-04	2.9629e-07	1.1883e-06	0.0000e+00
817	0.0000e+00	0.0000e+00	2.5400e-04	1.0009e-06	1.1019e-06	0.0000e+00
818	0.0000e+00	0.0000e+00	2.8871e-04	3.4703e-07	9.6378e-07	0.0000e+00
819	0.0000e+00	0.0000e+00	2.6882e-04	-1.3717e-06	7.6680e-07	0.0000e+00
820	0.0000e+00	0.0000e+00	1.6638e-04	-3.2094e-06	4.6712e-07	0.0000e+00
821	0.0000e+00	0.0000e+00	5.3790e-06	-4.0115e-06	1.1232e-07	0.0000e+00
822	0.0000e+00	0.0000e+00	2.8294e-04	-3.2960e-06	1.4428e-06	0.0000e+00
823	0.0000e+00	0.0000e+00	1.7775e-04	-1.3635e-06	1.8575e-06	0.0000e+00
824	0.0000e+00	0.0000e+00	1.6451e-04	6.4515e-07	1.4832e-06	0.0000e+00
825	0.0000e+00	0.0000e+00	2.1810e-04	1.5315e-06	5.9983e-07	0.0000e+00
826	0.0000e+00	0.0000e+00	2.7565e-04	8.1462e-07	-4.2593e-07	0.0000e+00
827	0.0000e+00	0.0000e+00	2.7131e-04	-1.1534e-06	-9.4262e-07	0.0000e+00
828	0.0000e+00	0.0000e+00	1.7178e-04	-3.2784e-06	-7.5893e-07	0.0000e+00
829	0.0000e+00	0.0000e+00	1.4007e-06	-4.2087e-06	7.1418e-08	0.0000e+00
830	0.0000e+00	0.0000e+00	2.1805e-04	-4.6627e-06	1.9948e-06	0.0000e+00
831	0.0000e+00	0.0000e+00	8.3665e-05	-1.3930e-06	2.9071e-06	0.0000e+00
832	0.0000e+00	0.0000e+00	9.3745e-05	1.7262e-06	2.0189e-06	0.0000e+00
833	0.0000e+00	0.0000e+00	2.0533e-04	3.0485e-06	-2.3709e-07	0.0000e+00
834	0.0000e+00	0.0000e+00	3.2480e-04	2.0218e-06	-1.9544e-06	0.0000e+00
835	0.0000e+00	0.0000e+00	3.5361e-04	-9.4311e-07	-3.0262e-06	0.0000e+00
836	0.0000e+00	0.0000e+00	2.3536e-04	-4.3343e-06	-2.3360e-06	0.0000e+00
837	0.0000e+00	0.0000e+00	-9.8504e-07	-5.9071e-06	3.9323e-08	0.0000e+00
838	0.0000e+00	0.0000e+00	1.2049e-04	-7.2093e-06	3.4741e-06	0.0000e+00
839	0.0000e+00	0.0000e+00	-8.8176e-05	-1.2058e-06	4.7159e-06	0.0000e+00
840	0.0000e+00	0.0000e+00	-3.2449e-05	3.8246e-06	2.8830e-06	0.0000e+00
841	0.0000e+00	0.0000e+00	2.1271e-04	5.7976e-06	-3.8705e-07	0.0000e+00
842	0.0000e+00	0.0000e+00	4.4443e-04	4.2717e-06	-3.6447e-06	0.0000e+00
843	0.0000e+00	0.0000e+00	5.3723e-04	-4.9293e-07	-5.7061e-06	0.0000e+00
844	0.0000e+00	0.0000e+00	3.8070e-04	-6.6108e-06	-4.7139e-06	0.0000e+00
845	0.0000e+00	0.0000e+00	-2.1638e-06	-9.8404e-06	1.5940e-08	0.0000e+00
846	0.0000e+00	0.0000e+00	-1.1669e-04	-1.1046e-05	6.5775e-06	0.0000e+00
847	0.0000e+00	0.0000e+00	-3.2874e-04	-3.8861e-07	6.9377e-06	0.0000e+00
848	0.0000e+00	0.0000e+00	-1.5573e-04	7.2037e-06	3.5832e-06	0.0000e+00
849	0.0000e+00	0.0000e+00	2.3407e-04	9.7371e-06	-5.8846e-07	0.0000e+00
850	0.0000e+00	0.0000e+00	6.3052e-04	7.8421e-06	-4.8525e-06	0.0000e+00
851	0.0000e+00	0.0000e+00	8.4100e-04	9.6339e-07	-8.4980e-06	0.0000e+00
852	0.0000e+00	0.0000e+00	6.5114e-04	-1.0211e-05	-8.4570e-06	0.0000e+00
853	0.0000e+00	0.0000e+00	-2.4985e-06	-1.7888e-05	-1.5175e-09	0.0000e+00
854	0.0000e+00	0.0000e+00	-4.7055e-04	-1.3204e-05	1.1707e-05	0.0000e+00
855	0.0000e+00	0.0000e+00	-6.3731e-04	3.6778e-06	6.7198e-06	0.0000e+00
856	0.0000e+00	0.0000e+00	-2.9766e-04	1.1253e-05	2.7394e-06	0.0000e+00
857	0.0000e+00	0.0000e+00	2.6129e-04	1.3781e-05	-6.3543e-07	0.0000e+00
858	0.0000e+00	0.0000e+00	8.3366e-04	1.2101e-05	-4.0968e-06	0.0000e+00
859	0.0000e+00	0.0000e+00	1.2235e-03	5.0436e-06	-8.3575e-06	0.0000e+00
860	0.0000e+00	0.0000e+00	1.1111e-03	-1.2061e-05	-1.3824e-05	0.0000e+00
861	0.0000e+00	0.0000e+00	-2.3066e-06	-3.3151e-05	-8.3474e-09	0.0000e+00
862	0.0000e+00	0.0000e+00	-7.3643e-04	-9.9097e-06	-1.2304e-06	0.0000e+00
863	0.0000e+00	0.0000e+00	-7.8392e-04	6.3735e-06	-8.0654e-07	0.0000e+00
864	0.0000e+00	0.0000e+00	-3.4896e-04	1.3243e-05	-6.1861e-07	0.0000e+00
865	0.0000e+00	0.0000e+00	2.8689e-04	1.5586e-05	-5.5727e-07	0.0000e+00
866	0.0000e+00	0.0000e+00	9.4029e-04	1.4197e-05	-5.1853e-07	0.0000e+00
867	0.0000e+00	0.0000e+00	1.4325e-03	7.9954e-06	-4.2568e-07	0.0000e+00
868	0.0000e+00	0.0000e+00	1.4554e-03	-8.3750e-06	-2.4095e-07	0.0000e+00
869	0.0000e+00	0.0000e+00	-4.4167e-04	-7.3246e-06	-4.1588e-06	0.0000e+00
870	0.0000e+00	0.0000e+00	-5.7930e-04	-9.8156e-06	-1.5136e-06	0.0000e+00
871	0.0000e+00	0.0000e+00	-6.2890e-04	-1.2308e-06	-4.2944e-06	0.0000e+00
872	0.0000e+00	0.0000e+00	-7.7549e-04	-2.0479e-06	-2.1028e-06	0.0000e+00
873	0.0000e+00	0.0000e+00	-5.9761e-04	2.5939e-06	-3.2370e-06	0.0000e+00
874	0.0000e+00	0.0000e+00	-7.1409e-04	2.4561e-06	-1.9623e-06	0.0000e+00
875	0.0000e+00	0.0000e+00	-4.5357e-04	3.9357e-06	-1.8006e-06	0.0000e+00
876	0.0000e+00	0.0000e+00	-5.2410e-04	4.0613e-06	-1.4573e-06	0.0000e+00
877	0.0000e+00	0.0000e+00	-3.0425e-04	2.8653e-06	-4.4708e-07	0.0000e+00
878	0.0000e+00	0.0000e+00	-3.2559e-04	2.9519e-06	-9.5630e-07	0.0000e+00

879 0.0000e+00 0.0000e+00 -2.5292e-04 -5.5680e-07 1.0910e-06 0.0000e+00  
880 0.0000e+00 0.0000e+00 -2.3421e-04 -8.7990e-07 -8.7211e-07 0.0000e+00  
881 0.0000e+00 0.0000e+00 -3.9221e-04 -5.8303e-06 1.2892e-06 0.0000e+00  
882 0.0000e+00 0.0000e+00 -3.6375e-04 -7.6038e-06 -1.2101e-06 0.0000e+00  
883 0.0000e+00 0.0000e+00 -2.9424e-04 -5.5754e-06 -2.8230e-06 0.0000e+00  
884 0.0000e+00 0.0000e+00 -4.5390e-04 -1.7542e-06 -3.6575e-06 0.0000e+00  
885 0.0000e+00 0.0000e+00 -4.5962e-04 1.2187e-06 -3.0055e-06 0.0000e+00  
886 0.0000e+00 0.0000e+00 -3.7559e-04 2.3140e-06 -1.7629e-06 0.0000e+00  
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888 0.0000e+00 0.0000e+00 -2.8159e-04 -1.2788e-06 4.3767e-07 0.0000e+00  
889 0.0000e+00 0.0000e+00 -4.0722e-04 -4.4496e-06 -3.2827e-07 0.0000e+00  
890 0.0000e+00 0.0000e+00 -2.0302e-04 -3.9895e-06 -1.5260e-06 0.0000e+00  
891 0.0000e+00 0.0000e+00 -3.2763e-04 -1.6167e-06 -2.2237e-06 0.0000e+00  
892 0.0000e+00 0.0000e+00 -3.4918e-04 4.8780e-07 -2.0678e-06 0.0000e+00  
893 0.0000e+00 0.0000e+00 -3.0481e-04 1.2970e-06 -1.4740e-06 0.0000e+00  
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896 0.0000e+00 0.0000e+00 -3.7927e-04 -3.2709e-06 -9.5515e-07 0.0000e+00  
897 0.0000e+00 0.0000e+00 -1.6266e-04 -3.2103e-06 -4.0732e-07 0.0000e+00  
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899 0.0000e+00 0.0000e+00 -2.8509e-04 3.4697e-07 -9.0624e-07 0.0000e+00  
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901 0.0000e+00 0.0000e+00 -2.1708e-04 2.9916e-07 -1.1387e-06 0.0000e+00  
902 0.0000e+00 0.0000e+00 -2.3818e-04 -1.3476e-06 -1.1880e-06 0.0000e+00  
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904 0.0000e+00 0.0000e+00 -1.7089e-04 -3.2790e-06 8.1826e-07 0.0000e+00  
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906 0.0000e+00 0.0000e+00 -2.7482e-04 8.1431e-07 5.0819e-07 0.0000e+00  
907 0.0000e+00 0.0000e+00 -2.1725e-04 1.5318e-06 -5.8987e-07 0.0000e+00  
908 0.0000e+00 0.0000e+00 -1.6360e-04 6.4581e-07 -1.4515e-06 0.0000e+00  
909 0.0000e+00 0.0000e+00 -1.7680e-04 -1.3631e-06 -1.8261e-06 0.0000e+00  
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911 0.0000e+00 0.0000e+00 -2.3621e-04 -4.3350e-06 2.3649e-06 0.0000e+00  
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913 0.0000e+00 0.0000e+00 -3.2574e-04 2.0211e-06 1.9868e-06 0.0000e+00  
914 0.0000e+00 0.0000e+00 -2.0633e-04 3.0483e-06 2.7837e-07 0.0000e+00  
915 0.0000e+00 0.0000e+00 -9.4912e-05 1.7261e-06 -1.9985e-06 0.0000e+00  
916 0.0000e+00 0.0000e+00 -8.4938e-05 -1.3934e-06 -2.8857e-06 0.0000e+00  
917 0.0000e+00 0.0000e+00 -2.1919e-04 -4.6641e-06 -1.9809e-06 0.0000e+00  
918 0.0000e+00 0.0000e+00 -3.8237e-04 -6.6117e-06 4.7241e-06 0.0000e+00  
919 0.0000e+00 0.0000e+00 -5.3897e-04 -4.9436e-07 5.7169e-06 0.0000e+00  
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932 0.0000e+00 0.0000e+00 -1.1127e-03 -1.2063e-05 1.3818e-05 0.0000e+00  
933 0.0000e+00 0.0000e+00 -1.2253e-03 5.0416e-06 8.3516e-06 0.0000e+00  
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938 0.0000e+00 0.0000e+00 4.6922e-04 -1.3204e-05 -1.1714e-05 0.0000e+00  
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943 0.0000e+00 0.0000e+00 3.4768e-04 1.3243e-05 6.1528e-07 0.0000e+00  
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945 0.0000e+00 0.0000e+00 7.3505e-04 -9.9102e-06 1.2349e-06 0.0000e+00  
946 0.0000e+00 0.0000e+00 1.0038e-03 -1.1921e-05 1.7610e-06 0.0000e+00  
947 0.0000e+00 0.0000e+00 1.0145e-03 -1.4507e-05 4.1698e-06 0.0000e+00  
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949 0.0000e+00 0.0000e+00 5.8727e-04 -9.7747e-06 3.3320e-06 0.0000e+00  
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951	0.0000e+00	0.0000e+00	3.1016e-04	-7.5185e-06	2.9552e-06	0.0000e+00
952	0.0000e+00	0.0000e+00	-1.9591e-04	-6.5858e-06	1.5040e-06	0.0000e+00
953	0.0000e+00	0.0000e+00	-1.7910e-04	-7.5903e-06	-2.9205e-06	0.0000e+00
954	0.0000e+00	0.0000e+00	-3.5862e-04	-8.5110e-06	1.4937e-06	0.0000e+00
955	0.0000e+00	0.0000e+00	-3.6890e-04	-1.0011e-05	-3.2900e-06	0.0000e+00
956	0.0000e+00	0.0000e+00	-7.3952e-04	-1.1985e-05	-1.6706e-06	0.0000e+00
957	0.0000e+00	0.0000e+00	-7.9615e-04	-1.4965e-05	-4.3201e-06	0.0000e+00
958	0.0000e+00	0.0000e+00	9.2637e-04	-9.1761e-06	2.6233e-06	0.0000e+00
959	0.0000e+00	0.0000e+00	5.9160e-04	-7.9891e-06	1.2531e-06	0.0000e+00
960	0.0000e+00	0.0000e+00	3.2644e-04	-6.8518e-06	9.6921e-07	0.0000e+00
961	0.0000e+00	0.0000e+00	-1.9380e-04	-6.8374e-06	9.2587e-07	0.0000e+00
962	0.0000e+00	0.0000e+00	-3.6163e-04	-7.9957e-06	-8.0273e-07	0.0000e+00
963	0.0000e+00	0.0000e+00	-6.8354e-04	-9.3722e-06	-1.6407e-06	0.0000e+00
964	0.0000e+00	0.0000e+00	8.0244e-04	-7.0875e-06	3.1461e-06	0.0000e+00
965	0.0000e+00	0.0000e+00	5.2462e-04	-6.9818e-06	2.1556e-06	0.0000e+00
966	0.0000e+00	0.0000e+00	2.7652e-04	-6.5551e-06	1.6679e-06	0.0000e+00
967	0.0000e+00	0.0000e+00	-1.5731e-04	-6.5664e-06	-1.4214e-06	0.0000e+00
968	0.0000e+00	0.0000e+00	-3.4204e-04	-7.0525e-06	-1.2718e-06	0.0000e+00
969	0.0000e+00	0.0000e+00	-6.1613e-04	-7.3169e-06	-1.6679e-06	0.0000e+00
970	0.0000e+00	0.0000e+00	6.8778e-04	-6.0828e-06	3.0043e-06	0.0000e+00
971	0.0000e+00	0.0000e+00	4.3985e-04	-6.2697e-06	2.5732e-06	0.0000e+00
972	0.0000e+00	0.0000e+00	2.0220e-04	-6.0977e-06	2.1865e-06	0.0000e+00
973	0.0000e+00	0.0000e+00	-1.0495e-04	-6.1250e-06	-1.8979e-06	0.0000e+00
974	0.0000e+00	0.0000e+00	-3.2285e-04	-6.3664e-06	-1.7207e-06	0.0000e+00
975	0.0000e+00	0.0000e+00	-5.7431e-04	-6.2867e-06	-1.6500e-06	0.0000e+00
976	0.0000e+00	0.0000e+00	6.1705e-04	-6.1469e-06	2.7177e-06	0.0000e+00
977	0.0000e+00	0.0000e+00	3.6998e-04	-6.0361e-06	2.6560e-06	0.0000e+00
978	0.0000e+00	0.0000e+00	1.3661e-04	-5.6684e-06	2.3690e-06	0.0000e+00
979	0.0000e+00	0.0000e+00	-9.0796e-05	-5.7045e-06	-2.0681e-06	0.0000e+00
980	0.0000e+00	0.0000e+00	-3.2671e-04	-6.1400e-06	-1.9251e-06	0.0000e+00
981	0.0000e+00	0.0000e+00	-5.7917e-04	-6.3091e-06	-1.9205e-06	0.0000e+00
982	0.0000e+00	0.0000e+00	5.9730e-04	-7.3745e-06	-2.4814e-06	0.0000e+00
983	0.0000e+00	0.0000e+00	3.2795e-04	-6.2225e-06	2.6573e-06	0.0000e+00
984	0.0000e+00	0.0000e+00	1.2805e-04	-5.1068e-06	2.2965e-06	0.0000e+00
985	0.0000e+00	0.0000e+00	-1.4096e-04	-5.1559e-06	-1.8749e-06	0.0000e+00
986	0.0000e+00	0.0000e+00	-3.4869e-04	-6.3476e-06	-1.7991e-06	0.0000e+00
987	0.0000e+00	0.0000e+00	-6.2493e-04	-7.5166e-06	2.0455e-06	0.0000e+00
988	0.0000e+00	0.0000e+00	5.9710e-04	-1.0014e-05	2.2926e-06	0.0000e+00
989	0.0000e+00	0.0000e+00	2.9499e-04	-6.4886e-06	3.1273e-06	0.0000e+00
990	0.0000e+00	0.0000e+00	1.7144e-04	-3.8196e-06	2.1246e-06	0.0000e+00
991	0.0000e+00	0.0000e+00	-1.9278e-04	-3.8912e-06	-1.4569e-06	0.0000e+00
992	0.0000e+00	0.0000e+00	-3.4961e-04	-6.6769e-06	-2.0428e-06	0.0000e+00
993	0.0000e+00	0.0000e+00	-6.7172e-04	-1.0196e-05	-1.4787e-06	0.0000e+00
994	0.0000e+00	0.0000e+00	5.4598e-04	-1.4333e-05	3.9139e-06	0.0000e+00
995	0.0000e+00	0.0000e+00	2.5199e-04	-5.9951e-06	4.8372e-06	0.0000e+00
996	0.0000e+00	0.0000e+00	2.1872e-04	-1.0466e-06	2.0991e-06	0.0000e+00
997	0.0000e+00	0.0000e+00	-2.1237e-04	-1.0621e-06	-1.6761e-06	0.0000e+00
998	0.0000e+00	0.0000e+00	-2.8101e-04	-6.2875e-06	-4.3180e-06	0.0000e+00
999	0.0000e+00	0.0000e+00	-6.4189e-04	-1.4662e-05	-3.1565e-06	0.0000e+00
1000	0.0000e+00	0.0000e+00	3.5794e-04	-1.8101e-05	9.5841e-06	0.0000e+00
1001	0.0000e+00	0.0000e+00	-2.9090e-04	-2.6316e-06	5.5967e-06	0.0000e+00
1002	0.0000e+00	0.0000e+00	-2.5061e-04	3.4300e-06	1.7457e-06	0.0000e+00
1003	0.0000e+00	0.0000e+00	2.0370e-04	3.2632e-06	-2.0395e-06	0.0000e+00
1004	0.0000e+00	0.0000e+00	2.0706e-04	-2.8882e-06	-5.9723e-06	0.0000e+00
1005	0.0000e+00	0.0000e+00	-4.1880e-04	-1.8731e-05	-9.9296e-06	0.0000e+00
1006	0.0000e+00	0.0000e+00	1.9504e-04	-1.4446e-05	-3.5783e-06	0.0000e+00
1007	0.0000e+00	0.0000e+00	-3.2720e-04	3.1990e-07	-2.2439e-06	0.0000e+00
1008	0.0000e+00	0.0000e+00	-2.3050e-04	5.5023e-06	-1.5094e-06	0.0000e+00
1009	0.0000e+00	0.0000e+00	1.7666e-04	5.4746e-06	1.3013e-06	0.0000e+00
1010	0.0000e+00	0.0000e+00	2.4079e-04	2.1402e-07	1.5944e-06	0.0000e+00
1011	0.0000e+00	0.0000e+00	-1.6560e-04	-1.4537e-05	2.3770e-06	0.0000e+00
1012	0.0000e+00	0.0000e+00	8.0101e-04	-1.1932e-05	1.7404e-06	0.0000e+00
1013	0.0000e+00	0.0000e+00	8.6795e-04	-1.4909e-05	4.2710e-06	0.0000e+00
1014	0.0000e+00	0.0000e+00	4.3724e-04	-8.4681e-06	1.3529e-06	0.0000e+00
1015	0.0000e+00	0.0000e+00	4.5816e-04	-9.9684e-06	3.1764e-06	0.0000e+00
1016	0.0000e+00	0.0000e+00	2.7660e-04	-6.5524e-06	1.3815e-06	0.0000e+00
1017	0.0000e+00	0.0000e+00	2.7087e-04	-7.5601e-06	2.7482e-06	0.0000e+00
1018	0.0000e+00	0.0000e+00	-3.5759e-04	-6.5842e-06	1.4976e-06	0.0000e+00
1019	0.0000e+00	0.0000e+00	-3.3123e-04	-7.5038e-06	2.7314e-06	0.0000e+00
1020	0.0000e+00	0.0000e+00	-6.0025e-04	-8.5432e-06	1.5922e-06	0.0000e+00
1021	0.0000e+00	0.0000e+00	-5.7091e-04	-9.7844e-06	-3.0595e-06	0.0000e+00
1022	0.0000e+00	0.0000e+00	-9.8433e-04	-1.1950e-05	-1.5806e-06	0.0000e+00

1023	0.0000e+00	0.0000e+00	-9.8194e-04	-1.4558e-05	-3.8600e-06	0.0000e+00
1024	0.0000e+00	0.0000e+00	7.2822e-04	-9.3248e-06	2.0496e-06	0.0000e+00
1025	0.0000e+00	0.0000e+00	4.1885e-04	-7.9558e-06	1.1528e-06	0.0000e+00
1026	0.0000e+00	0.0000e+00	2.5546e-04	-6.8061e-06	1.1684e-06	0.0000e+00
1027	0.0000e+00	0.0000e+00	-3.4383e-04	-6.8321e-06	1.2350e-06	0.0000e+00
1028	0.0000e+00	0.0000e+00	-5.8661e-04	-7.9862e-06	-1.4515e-06	0.0000e+00
1029	0.0000e+00	0.0000e+00	-9.1218e-04	-9.1998e-06	-2.6119e-06	0.0000e+00
1030	0.0000e+00	0.0000e+00	6.4459e-04	-7.2773e-06	2.0778e-06	0.0000e+00
1031	0.0000e+00	0.0000e+00	3.7853e-04	-7.0180e-06	1.6543e-06	0.0000e+00
1032	0.0000e+00	0.0000e+00	2.0135e-04	-6.5387e-06	1.7216e-06	0.0000e+00
1033	0.0000e+00	0.0000e+00	-2.8516e-04	-6.5371e-06	1.9206e-06	0.0000e+00
1034	0.0000e+00	0.0000e+00	-5.1801e-04	-6.9779e-06	-2.3369e-06	0.0000e+00
1035	0.0000e+00	0.0000e+00	-7.9057e-04	-7.1039e-06	-3.2226e-06	0.0000e+00
1036	0.0000e+00	0.0000e+00	5.8964e-04	-6.2548e-06	1.9418e-06	0.0000e+00
1037	0.0000e+00	0.0000e+00	3.4220e-04	-6.3378e-06	1.9875e-06	0.0000e+00
1038	0.0000e+00	0.0000e+00	1.3343e-04	-6.1013e-06	2.1295e-06	0.0000e+00
1039	0.0000e+00	0.0000e+00	-2.0216e-04	-6.0813e-06	-2.3828e-06	0.0000e+00
1040	0.0000e+00	0.0000e+00	-4.3135e-04	-6.2641e-06	-2.7376e-06	0.0000e+00
1041	0.0000e+00	0.0000e+00	-6.7704e-04	-6.0920e-06	-3.1392e-06	0.0000e+00
1042	0.0000e+00	0.0000e+00	5.8571e-04	-6.2842e-06	2.0627e-06	0.0000e+00
1043	0.0000e+00	0.0000e+00	3.3435e-04	-6.1171e-06	2.0992e-06	0.0000e+00
1044	0.0000e+00	0.0000e+00	9.9994e-05	-5.6846e-06	2.2343e-06	0.0000e+00
1045	0.0000e+00	0.0000e+00	-1.2863e-04	-5.6534e-06	-2.5091e-06	0.0000e+00
1046	0.0000e+00	0.0000e+00	-3.6098e-04	-6.0286e-06	-2.7871e-06	0.0000e+00
1047	0.0000e+00	0.0000e+00	-6.0787e-04	-6.1498e-06	2.8713e-06	0.0000e+00
1048	0.0000e+00	0.0000e+00	6.2687e-04	-7.4981e-06	-2.1146e-06	0.0000e+00
1049	0.0000e+00	0.0000e+00	3.5060e-04	-6.3300e-06	1.9275e-06	0.0000e+00
1050	0.0000e+00	0.0000e+00	1.4039e-04	-5.1396e-06	1.9972e-06	0.0000e+00
1051	0.0000e+00	0.0000e+00	-1.1989e-04	-5.0931e-06	-2.3790e-06	0.0000e+00
1052	0.0000e+00	0.0000e+00	-3.2101e-04	-6.2136e-06	-2.7310e-06	0.0000e+00
1053	0.0000e+00	0.0000e+00	-5.9091e-04	-7.3723e-06	2.6039e-06	0.0000e+00
1054	0.0000e+00	0.0000e+00	6.7179e-04	-1.0183e-05	1.5427e-06	0.0000e+00
1055	0.0000e+00	0.0000e+00	3.4977e-04	-6.6642e-06	2.1262e-06	0.0000e+00
1056	0.0000e+00	0.0000e+00	1.9212e-04	-3.8782e-06	1.5493e-06	0.0000e+00
1057	0.0000e+00	0.0000e+00	-1.6891e-04	-3.8068e-06	-2.1510e-06	0.0000e+00
1058	0.0000e+00	0.0000e+00	-2.9164e-04	-6.4786e-06	-3.1351e-06	0.0000e+00
1059	0.0000e+00	0.0000e+00	-5.9385e-04	-1.0008e-05	-2.3479e-06	0.0000e+00
1060	0.0000e+00	0.0000e+00	6.4152e-04	-1.4653e-05	3.1809e-06	0.0000e+00
1061	0.0000e+00	0.0000e+00	2.8163e-04	-6.2789e-06	4.3433e-06	0.0000e+00
1062	0.0000e+00	0.0000e+00	2.1330e-04	-1.0506e-06	1.7122e-06	0.0000e+00
1063	0.0000e+00	0.0000e+00	-2.1931e-04	-1.0317e-06	-2.0895e-06	0.0000e+00
1064	0.0000e+00	0.0000e+00	-2.5198e-04	-5.9843e-06	-4.8203e-06	0.0000e+00
1065	0.0000e+00	0.0000e+00	-5.4520e-04	-1.4325e-05	-3.9050e-06	0.0000e+00
1066	0.0000e+00	0.0000e+00	4.1908e-04	-1.8727e-05	9.9312e-06	0.0000e+00
1067	0.0000e+00	0.0000e+00	-2.0998e-04	-2.8828e-06	5.9754e-06	0.0000e+00
1068	0.0000e+00	0.0000e+00	-2.0621e-04	3.2699e-06	2.0414e-06	0.0000e+00
1069	0.0000e+00	0.0000e+00	2.5205e-04	3.4368e-06	-1.7323e-06	0.0000e+00
1070	0.0000e+00	0.0000e+00	2.9210e-04	-2.6193e-06	-5.5855e-06	0.0000e+00
1071	0.0000e+00	0.0000e+00	-3.5890e-04	-1.8091e-05	-9.5741e-06	0.0000e+00
1072	0.0000e+00	0.0000e+00	1.6772e-04	-1.4533e-05	-2.3794e-06	0.0000e+00
1073	0.0000e+00	0.0000e+00	-2.4370e-04	2.1108e-07	-1.5942e-06	0.0000e+00
1074	0.0000e+00	0.0000e+00	-1.7972e-04	5.4803e-06	-1.2981e-06	0.0000e+00
1075	0.0000e+00	0.0000e+00	2.3196e-04	5.5089e-06	1.5043e-06	0.0000e+00
1076	0.0000e+00	0.0000e+00	3.2808e-04	3.1289e-07	2.2386e-06	0.0000e+00
1077	0.0000e+00	0.0000e+00	-1.9682e-04	-1.4438e-05	3.5742e-06	0.0000e+00
1078	0.0000e+00	0.0000e+00	6.3448e-03	-8.9748e-05	-7.0910e-06	0.0000e+00
1079	0.0000e+00	0.0000e+00	3.3277e-03	-6.0373e-05	-1.2694e-05	0.0000e+00
1080	0.0000e+00	0.0000e+00	1.4356e-03	-3.5720e-05	-9.9542e-06	0.0000e+00
1081	0.0000e+00	0.0000e+00	3.8144e-04	-1.8312e-05	-6.9377e-06	0.0000e+00
1082	0.0000e+00	0.0000e+00	-1.3857e-04	-6.1357e-06	-4.3045e-06	0.0000e+00
1083	0.0000e+00	0.0000e+00	-1.9093e-04	2.4188e-06	-2.0698e-06	0.0000e+00
1084	0.0000e+00	0.0000e+00	-5.3404e-05	6.0361e-06	1.6350e-06	0.0000e+00
1085	0.0000e+00	0.0000e+00	2.3141e-04	5.6424e-06	4.1994e-06	0.0000e+00
1086	0.0000e+00	0.0000e+00	3.5395e-04	-8.7126e-07	7.9669e-06	0.0000e+00
1087	0.0000e+00	0.0000e+00	1.4299e-04	-1.5950e-05	1.2364e-05	0.0000e+00
1088	0.0000e+00	0.0000e+00	-1.0331e-03	-3.3007e-05	-2.7173e-06	0.0000e+00
1089	0.0000e+00	0.0000e+00	6.5988e-03	-7.8463e-05	-7.2843e-06	0.0000e+00
1090	0.0000e+00	0.0000e+00	3.8303e-03	-5.9082e-05	-1.1810e-05	0.0000e+00
1091	0.0000e+00	0.0000e+00	1.8873e-03	-3.8544e-05	-1.1443e-05	0.0000e+00
1092	0.0000e+00	0.0000e+00	6.9786e-04	-2.1625e-05	-8.8196e-06	0.0000e+00
1093	0.0000e+00	0.0000e+00	9.1341e-05	-9.3188e-06	-5.7211e-06	0.0000e+00
1094	0.0000e+00	0.0000e+00	-1.1905e-04	-1.8693e-06	-2.7982e-06	0.0000e+00

1095	0.0000e+00	0.0000e+00	-1.2776e-04	2.7410e-06	2.2083e-06	0.0000e+00
1096	0.0000e+00	0.0000e+00	-1.5426e-04	1.9974e-06	5.0396e-06	0.0000e+00
1097	0.0000e+00	0.0000e+00	-1.9347e-04	-4.0940e-06	7.7234e-06	0.0000e+00
1098	0.0000e+00	0.0000e+00	-4.0499e-04	-1.3004e-05	7.1602e-06	0.0000e+00
1099	0.0000e+00	0.0000e+00	-1.0203e-03	-1.8216e-05	-2.0424e-06	0.0000e+00
1100	0.0000e+00	0.0000e+00	6.9170e-03	-7.1926e-05	-8.9283e-06	0.0000e+00
1101	0.0000e+00	0.0000e+00	4.3175e-03	-5.7205e-05	-1.1547e-05	0.0000e+00
1102	0.0000e+00	0.0000e+00	2.3711e-03	-4.0111e-05	-1.1505e-05	0.0000e+00
1103	0.0000e+00	0.0000e+00	1.0857e-03	-2.4673e-05	-9.6001e-06	0.0000e+00
1104	0.0000e+00	0.0000e+00	3.5997e-04	-1.2783e-05	-6.9341e-06	0.0000e+00
1105	0.0000e+00	0.0000e+00	-1.4191e-04	-5.0829e-06	-4.2624e-06	0.0000e+00
1106	0.0000e+00	0.0000e+00	-2.2180e-04	-1.8378e-06	2.7557e-06	0.0000e+00
1107	0.0000e+00	0.0000e+00	-2.8716e-04	-1.8876e-06	3.7519e-06	0.0000e+00
1108	0.0000e+00	0.0000e+00	-3.9032e-04	-5.0389e-06	4.9382e-06	0.0000e+00
1109	0.0000e+00	0.0000e+00	-6.3308e-04	-9.4569e-06	4.2508e-06	0.0000e+00
1110	0.0000e+00	0.0000e+00	-1.0247e-03	-1.0919e-05	2.9253e-06	0.0000e+00
1111	0.0000e+00	0.0000e+00	7.3356e-03	-6.8853e-05	-1.1275e-05	0.0000e+00
1112	0.0000e+00	0.0000e+00	4.8142e-03	-5.6444e-05	-1.2093e-05	0.0000e+00
1113	0.0000e+00	0.0000e+00	2.8584e-03	-4.1323e-05	-1.1644e-05	0.0000e+00
1114	0.0000e+00	0.0000e+00	1.5040e-03	-2.7095e-05	-1.0238e-05	0.0000e+00
1115	0.0000e+00	0.0000e+00	6.8684e-04	-1.5752e-05	-8.3028e-06	0.0000e+00
1116	0.0000e+00	0.0000e+00	3.4048e-04	-8.1182e-06	-6.3529e-06	0.0000e+00
1117	0.0000e+00	0.0000e+00	-3.4843e-04	-4.3140e-06	-4.9493e-06	0.0000e+00
1118	0.0000e+00	0.0000e+00	-4.4132e-04	-3.7694e-06	4.4621e-06	0.0000e+00
1119	0.0000e+00	0.0000e+00	-5.6939e-04	-5.5877e-06	4.5435e-06	0.0000e+00
1120	0.0000e+00	0.0000e+00	-7.8146e-04	-7.9395e-06	4.6181e-06	0.0000e+00
1121	0.0000e+00	0.0000e+00	-1.0666e-03	-8.0653e-06	4.7509e-06	0.0000e+00
1122	0.0000e+00	0.0000e+00	7.8637e-03	-6.8676e-05	-1.3677e-05	0.0000e+00
1123	0.0000e+00	0.0000e+00	5.3378e-03	-5.6959e-05	-1.2952e-05	0.0000e+00
1124	0.0000e+00	0.0000e+00	3.3547e-03	-4.2500e-05	-1.2159e-05	0.0000e+00
1125	0.0000e+00	0.0000e+00	1.9522e-03	-2.8937e-05	-1.1182e-05	0.0000e+00
1126	0.0000e+00	0.0000e+00	1.0776e-03	-1.8020e-05	-9.9395e-06	0.0000e+00
1127	0.0000e+00	0.0000e+00	6.6075e-04	-1.0435e-05	-8.7360e-06	0.0000e+00
1128	0.0000e+00	0.0000e+00	-5.8348e-04	-6.2850e-06	-7.9229e-06	0.0000e+00
1129	0.0000e+00	0.0000e+00	-6.4445e-04	-5.1526e-06	-7.6269e-06	0.0000e+00
1130	0.0000e+00	0.0000e+00	-7.5198e-04	-6.3498e-06	-7.6403e-06	0.0000e+00
1131	0.0000e+00	0.0000e+00	-9.2774e-04	-8.3775e-06	-7.5516e-06	0.0000e+00
1132	0.0000e+00	0.0000e+00	-1.1781e-03	-8.3030e-06	7.3382e-06	0.0000e+00
1133	0.0000e+00	0.0000e+00	8.4824e-03	-7.1268e-05	-1.5562e-05	0.0000e+00
1134	0.0000e+00	0.0000e+00	5.8836e-03	-5.8183e-05	-1.3743e-05	0.0000e+00
1135	0.0000e+00	0.0000e+00	3.8691e-03	-4.3377e-05	-1.3042e-05	0.0000e+00
1136	0.0000e+00	0.0000e+00	2.4407e-03	-3.0185e-05	-1.2396e-05	0.0000e+00
1137	0.0000e+00	0.0000e+00	1.5386e-03	-1.9601e-05	-1.1602e-05	0.0000e+00
1138	0.0000e+00	0.0000e+00	1.0876e-03	-1.2031e-05	-1.0920e-05	0.0000e+00
1139	0.0000e+00	0.0000e+00	9.6139e-04	-7.5735e-06	-1.0632e-05	0.0000e+00
1140	0.0000e+00	0.0000e+00	-9.8644e-04	-5.9496e-06	-1.0852e-05	0.0000e+00
1141	0.0000e+00	0.0000e+00	-1.0580e-03	-6.8440e-06	-1.1432e-05	0.0000e+00
1142	0.0000e+00	0.0000e+00	-1.1760e-03	-9.9821e-06	-1.1719e-05	0.0000e+00
1143	0.0000e+00	0.0000e+00	-1.4057e-03	-1.1251e-05	1.0736e-05	0.0000e+00
1144	0.0000e+00	0.0000e+00	6.4477e-03	-6.0220e-05	-1.5183e-05	0.0000e+00
1145	0.0000e+00	0.0000e+00	4.4106e-03	-4.5123e-05	-1.4056e-05	0.0000e+00
1146	0.0000e+00	0.0000e+00	2.9688e-03	-3.2275e-05	-1.3220e-05	0.0000e+00
1147	0.0000e+00	0.0000e+00	2.0568e-03	-2.1954e-05	-1.2602e-05	0.0000e+00
1148	0.0000e+00	0.0000e+00	1.5939e-03	-1.4414e-05	-1.2253e-05	0.0000e+00
1149	0.0000e+00	0.0000e+00	1.4503e-03	-9.7722e-06	-1.2258e-05	0.0000e+00
1150	0.0000e+00	0.0000e+00	1.4681e-03	-7.8831e-06	-1.2678e-05	0.0000e+00
1151	0.0000e+00	0.0000e+00	-1.5390e-03	-8.5974e-06	-1.3526e-05	0.0000e+00
1152	0.0000e+00	0.0000e+00	-1.6319e-03	-1.2418e-05	-1.4803e-05	0.0000e+00
1153	0.0000e+00	0.0000e+00	-2.1128e-03	-1.0994e-05	-1.4574e-05	0.0000e+00
1154	0.0000e+00	0.0000e+00	-2.1403e-03	7.7000e-06	-9.0020e-06	0.0000e+00
1155	0.0000e+00	0.0000e+00	-1.5986e-03	1.6403e-05	-5.1581e-06	0.0000e+00
1156	0.0000e+00	0.0000e+00	-7.8119e-04	2.0629e-05	-2.7892e-06	0.0000e+00
1157	0.0000e+00	0.0000e+00	1.8799e-04	2.2140e-05	-1.4361e-06	0.0000e+00
1158	0.0000e+00	0.0000e+00	1.1305e-03	2.1375e-05	1.8516e-06	0.0000e+00
1159	0.0000e+00	0.0000e+00	1.9954e-03	1.7754e-05	4.1324e-06	0.0000e+00
1160	0.0000e+00	0.0000e+00	2.6033e-03	9.2707e-06	8.1551e-06	0.0000e+00
1161	0.0000e+00	0.0000e+00	2.6381e-03	-9.6331e-06	1.4391e-05	0.0000e+00
1162	0.0000e+00	0.0000e+00	1.5412e-03	-3.4692e-05	2.2273e-06	0.0000e+00
1163	0.0000e+00	0.0000e+00	-1.6466e-03	-9.3113e-06	-9.0265e-06	0.0000e+00
1164	0.0000e+00	0.0000e+00	-1.7462e-03	4.1181e-06	-9.3227e-06	0.0000e+00
1165	0.0000e+00	0.0000e+00	-1.3532e-03	1.3151e-05	-6.6125e-06	0.0000e+00
1166	0.0000e+00	0.0000e+00	-6.5499e-04	1.8107e-05	-3.9670e-06	0.0000e+00

1167	0.0000e+00	0.0000e+00	1.8965e-04	1.9853e-05	2.1769e-06	0.0000e+00
1168	0.0000e+00	0.0000e+00	1.0448e-03	1.8698e-05	2.8160e-06	0.0000e+00
1169	0.0000e+00	0.0000e+00	1.7786e-03	1.4137e-05	5.5894e-06	0.0000e+00
1170	0.0000e+00	0.0000e+00	2.2154e-03	4.8898e-06	8.9191e-06	0.0000e+00
1171	0.0000e+00	0.0000e+00	2.1389e-03	-9.0403e-06	9.5657e-06	0.0000e+00
1172	0.0000e+00	0.0000e+00	1.4643e-03	-1.9930e-05	2.2465e-06	0.0000e+00
1173	0.0000e+00	0.0000e+00	-1.3933e-03	-5.8317e-06	-5.6418e-06	0.0000e+00
1174	0.0000e+00	0.0000e+00	-1.4454e-03	3.2655e-06	-6.8346e-06	0.0000e+00
1175	0.0000e+00	0.0000e+00	-1.1279e-03	1.0851e-05	-5.9795e-06	0.0000e+00
1176	0.0000e+00	0.0000e+00	-5.3704e-04	1.5715e-05	-4.4963e-06	0.0000e+00
1177	0.0000e+00	0.0000e+00	2.4398e-04	1.7456e-05	-3.2331e-06	0.0000e+00
1178	0.0000e+00	0.0000e+00	9.7206e-04	1.6054e-05	2.9657e-06	0.0000e+00
1179	0.0000e+00	0.0000e+00	1.5844e-03	1.1306e-05	4.1021e-06	0.0000e+00
1180	0.0000e+00	0.0000e+00	1.9154e-03	3.2580e-06	5.3915e-06	0.0000e+00
1181	0.0000e+00	0.0000e+00	1.8460e-03	-6.3693e-06	4.7908e-06	0.0000e+00
1182	0.0000e+00	0.0000e+00	1.3986e-03	-1.2927e-05	1.5799e-06	0.0000e+00
1183	0.0000e+00	0.0000e+00	-1.3119e-03	-3.8698e-06	-5.2772e-06	0.0000e+00
1184	0.0000e+00	0.0000e+00	-1.3134e-03	3.4176e-06	-5.7751e-06	0.0000e+00
1185	0.0000e+00	0.0000e+00	-1.0177e-03	9.9988e-06	-5.7780e-06	0.0000e+00
1186	0.0000e+00	0.0000e+00	-5.1111e-04	1.4456e-05	-5.3536e-06	0.0000e+00
1187	0.0000e+00	0.0000e+00	3.8273e-04	1.6044e-05	-4.7378e-06	0.0000e+00
1188	0.0000e+00	0.0000e+00	9.8607e-04	1.4568e-05	4.1102e-06	0.0000e+00
1189	0.0000e+00	0.0000e+00	1.5236e-03	1.0016e-05	3.5719e-06	0.0000e+00
1190	0.0000e+00	0.0000e+00	1.8101e-03	2.9169e-06	3.0969e-06	0.0000e+00
1191	0.0000e+00	0.0000e+00	1.7591e-03	-5.0102e-06	2.6439e-06	0.0000e+00
1192	0.0000e+00	0.0000e+00	1.4050e-03	-1.0374e-05	-2.6109e-06	0.0000e+00
1193	0.0000e+00	0.0000e+00	-1.3928e-03	-3.4644e-06	7.3921e-06	0.0000e+00
1194	0.0000e+00	0.0000e+00	-1.3654e-03	3.9943e-06	7.3515e-06	0.0000e+00
1195	0.0000e+00	0.0000e+00	-1.0675e-03	1.0354e-05	7.1477e-06	0.0000e+00
1196	0.0000e+00	0.0000e+00	-6.4011e-04	1.4510e-05	-6.8873e-06	0.0000e+00
1197	0.0000e+00	0.0000e+00	6.1367e-04	1.5944e-05	-6.6106e-06	0.0000e+00
1198	0.0000e+00	0.0000e+00	1.1300e-03	1.4493e-05	-6.3997e-06	0.0000e+00
1199	0.0000e+00	0.0000e+00	1.6391e-03	1.0137e-05	-6.3591e-06	0.0000e+00
1200	0.0000e+00	0.0000e+00	1.9233e-03	3.2760e-06	-6.4992e-06	0.0000e+00
1201	0.0000e+00	0.0000e+00	1.8781e-03	-5.0062e-06	-6.3455e-06	0.0000e+00
1202	0.0000e+00	0.0000e+00	1.5174e-03	-1.0802e-05	-5.3014e-06	0.0000e+00
1203	0.0000e+00	0.0000e+00	-1.6395e-03	-3.8240e-06	1.0505e-05	0.0000e+00
1204	0.0000e+00	0.0000e+00	-1.5871e-03	5.2057e-06	9.8961e-06	0.0000e+00
1205	0.0000e+00	0.0000e+00	-1.2754e-03	1.1669e-05	9.1916e-06	0.0000e+00
1206	0.0000e+00	0.0000e+00	-9.1309e-04	1.5631e-05	8.7150e-06	0.0000e+00
1207	0.0000e+00	0.0000e+00	9.3608e-04	1.6968e-05	-8.5185e-06	0.0000e+00
1208	0.0000e+00	0.0000e+00	1.4052e-03	1.5605e-05	-8.6551e-06	0.0000e+00
1209	0.0000e+00	0.0000e+00	1.9172e-03	1.1449e-05	-9.1994e-06	0.0000e+00
1210	0.0000e+00	0.0000e+00	2.2319e-03	4.4954e-06	-1.0109e-05	0.0000e+00
1211	0.0000e+00	0.0000e+00	2.1970e-03	-5.4594e-06	-1.0694e-05	0.0000e+00
1212	0.0000e+00	0.0000e+00	1.7501e-03	-1.3836e-05	-8.4241e-06	0.0000e+00
1213	0.0000e+00	0.0000e+00	-2.0094e-03	-6.0712e-06	1.3910e-05	0.0000e+00
1214	0.0000e+00	0.0000e+00	-1.9119e-03	4.9806e-06	1.2119e-05	0.0000e+00
1215	0.0000e+00	0.0000e+00	-1.5942e-03	1.1645e-05	1.0935e-05	0.0000e+00
1216	0.0000e+00	0.0000e+00	-1.2863e-03	1.5675e-05	-1.0201e-05	0.0000e+00
1217	0.0000e+00	0.0000e+00	1.3343e-03	1.7029e-05	-9.8717e-06	0.0000e+00
1218	0.0000e+00	0.0000e+00	1.7708e-03	1.5679e-05	-9.9242e-06	0.0000e+00
1219	0.0000e+00	0.0000e+00	2.2852e-03	1.1484e-05	-1.0314e-05	0.0000e+00
1220	0.0000e+00	0.0000e+00	2.6308e-03	4.1985e-06	-1.0948e-05	0.0000e+00
1221	0.0000e+00	0.0000e+00	2.6256e-03	-7.0189e-06	-1.1700e-05	0.0000e+00
1222	0.0000e+00	0.0000e+00	-1.5531e-03	-3.4787e-05	-2.6933e-06	0.0000e+00
1223	0.0000e+00	0.0000e+00	-2.6700e-03	-1.0346e-05	-1.5198e-05	0.0000e+00
1224	0.0000e+00	0.0000e+00	-2.6619e-03	8.7008e-06	-8.7287e-06	0.0000e+00
1225	0.0000e+00	0.0000e+00	-2.0765e-03	1.7222e-05	-4.3825e-06	0.0000e+00
1226	0.0000e+00	0.0000e+00	-1.2350e-03	2.0775e-05	-1.6820e-06	0.0000e+00
1227	0.0000e+00	0.0000e+00	-3.0728e-04	2.1426e-05	5.0546e-07	0.0000e+00
1228	0.0000e+00	0.0000e+00	6.1039e-04	1.9814e-05	2.1186e-06	0.0000e+00
1229	0.0000e+00	0.0000e+00	1.3925e-03	1.5564e-05	4.4476e-06	0.0000e+00
1230	0.0000e+00	0.0000e+00	1.9008e-03	6.9530e-06	8.0918e-06	0.0000e+00
1231	0.0000e+00	0.0000e+00	1.8513e-03	-1.1002e-05	1.3562e-05	0.0000e+00
1232	0.0000e+00	0.0000e+00	7.5430e-04	-3.3342e-05	5.8202e-07	0.0000e+00
1233	0.0000e+00	0.0000e+00	-1.4548e-03	-2.0106e-05	-2.4956e-06	0.0000e+00
1234	0.0000e+00	0.0000e+00	-2.1470e-03	-9.6250e-06	-9.9049e-06	0.0000e+00
1235	0.0000e+00	0.0000e+00	-2.2518e-03	4.2138e-06	-9.2890e-06	0.0000e+00
1236	0.0000e+00	0.0000e+00	-1.8442e-03	1.3468e-05	-5.7886e-06	0.0000e+00
1237	0.0000e+00	0.0000e+00	-1.1403e-03	1.8000e-05	-2.5282e-06	0.0000e+00
1238	0.0000e+00	0.0000e+00	-3.1739e-04	1.9098e-05	6.9028e-07	0.0000e+00

1239	0.0000e+00	0.0000e+00	4.9448e-04	1.7308e-05	3.0066e-06	0.0000e+00
1240	0.0000e+00	0.0000e+00	1.1571e-03	1.2365e-05	5.8652e-06	0.0000e+00
1241	0.0000e+00	0.0000e+00	1.5177e-03	3.2817e-06	8.7078e-06	0.0000e+00
1242	0.0000e+00	0.0000e+00	1.3908e-03	-9.5825e-06	8.6290e-06	0.0000e+00
1243	0.0000e+00	0.0000e+00	7.3154e-04	-1.8646e-05	5.5031e-07	0.0000e+00
1244	0.0000e+00	0.0000e+00	-1.3724e-03	-1.3182e-05	-1.7304e-06	0.0000e+00
1245	0.0000e+00	0.0000e+00	-1.8366e-03	-6.8704e-06	-5.1324e-06	0.0000e+00
1246	0.0000e+00	0.0000e+00	-1.9311e-03	2.6344e-06	-5.6913e-06	0.0000e+00
1247	0.0000e+00	0.0000e+00	-1.6290e-03	1.0607e-05	-4.0821e-06	0.0000e+00
1248	0.0000e+00	0.0000e+00	-1.0467e-03	1.5298e-05	-1.9754e-06	0.0000e+00
1249	0.0000e+00	0.0000e+00	-3.3285e-04	1.6646e-05	1.0355e-06	0.0000e+00
1250	0.0000e+00	0.0000e+00	3.7125e-04	1.4869e-05	2.6405e-06	0.0000e+00
1251	0.0000e+00	0.0000e+00	9.2977e-04	1.0008e-05	4.4508e-06	0.0000e+00
1252	0.0000e+00	0.0000e+00	1.2107e-03	2.3480e-06	5.5342e-06	0.0000e+00
1253	0.0000e+00	0.0000e+00	1.1228e-03	-6.2069e-06	4.3484e-06	0.0000e+00
1254	0.0000e+00	0.0000e+00	7.1866e-04	-1.1031e-05	1.9086e-07	0.0000e+00
1255	0.0000e+00	0.0000e+00	-1.3446e-03	-1.0712e-05	1.8066e-06	0.0000e+00
1256	0.0000e+00	0.0000e+00	-1.7155e-03	-5.4615e-06	-1.9687e-06	0.0000e+00
1257	0.0000e+00	0.0000e+00	-1.7878e-03	2.2922e-06	-2.1731e-06	0.0000e+00
1258	0.0000e+00	0.0000e+00	-1.5255e-03	9.2966e-06	-1.9540e-06	0.0000e+00
1259	0.0000e+00	0.0000e+00	-1.0073e-03	1.3762e-05	1.5994e-06	0.0000e+00
1260	0.0000e+00	0.0000e+00	-3.6079e-04	1.5175e-05	1.5612e-06	0.0000e+00
1261	0.0000e+00	0.0000e+00	2.8758e-04	1.3558e-05	1.8574e-06	0.0000e+00
1262	0.0000e+00	0.0000e+00	7.9463e-04	9.1166e-06	2.1092e-06	0.0000e+00
1263	0.0000e+00	0.0000e+00	1.0571e-03	2.5621e-06	1.9002e-06	0.0000e+00
1264	0.0000e+00	0.0000e+00	1.0173e-03	-4.1549e-06	9.7520e-07	0.0000e+00
1265	0.0000e+00	0.0000e+00	7.3647e-04	-7.8053e-06	-9.7721e-07	0.0000e+00
1266	0.0000e+00	0.0000e+00	-1.3853e-03	-1.1238e-05	3.3815e-06	0.0000e+00
1267	0.0000e+00	0.0000e+00	-1.7622e-03	-5.4145e-06	3.9683e-06	0.0000e+00
1268	0.0000e+00	0.0000e+00	-1.8236e-03	2.5547e-06	3.7545e-06	0.0000e+00
1269	0.0000e+00	0.0000e+00	-1.5538e-03	9.3480e-06	3.1741e-06	0.0000e+00
1270	0.0000e+00	0.0000e+00	-1.0399e-03	1.3617e-05	2.6613e-06	0.0000e+00
1271	0.0000e+00	0.0000e+00	-4.0813e-04	1.5029e-05	2.2237e-06	0.0000e+00
1272	0.0000e+00	0.0000e+00	2.7026e-04	1.3608e-05	1.8290e-06	0.0000e+00
1273	0.0000e+00	0.0000e+00	7.7318e-04	9.5292e-06	-1.6657e-06	0.0000e+00
1274	0.0000e+00	0.0000e+00	1.0598e-03	3.3184e-06	-2.1231e-06	0.0000e+00
1275	0.0000e+00	0.0000e+00	1.0534e-03	-3.4942e-06	-2.6082e-06	0.0000e+00
1276	0.0000e+00	0.0000e+00	7.9444e-04	-7.5358e-06	-2.0211e-06	0.0000e+00
1277	0.0000e+00	0.0000e+00	-1.4867e-03	-1.4396e-05	5.2910e-06	0.0000e+00
1278	0.0000e+00	0.0000e+00	-1.9479e-03	-5.8635e-06	6.8024e-06	0.0000e+00
1279	0.0000e+00	0.0000e+00	-1.9942e-03	3.6444e-06	6.0023e-06	0.0000e+00
1280	0.0000e+00	0.0000e+00	-1.6817e-03	1.0518e-05	4.7794e-06	0.0000e+00
1281	0.0000e+00	0.0000e+00	-1.1307e-03	1.4633e-05	3.7171e-06	0.0000e+00
1282	0.0000e+00	0.0000e+00	-4.8006e-04	1.6029e-05	2.9184e-06	0.0000e+00
1283	0.0000e+00	0.0000e+00	3.2417e-04	1.4801e-05	2.5583e-06	0.0000e+00
1284	0.0000e+00	0.0000e+00	8.4560e-04	1.1029e-05	-3.0093e-06	0.0000e+00
1285	0.0000e+00	0.0000e+00	1.1872e-03	4.8348e-06	-4.2286e-06	0.0000e+00
1286	0.0000e+00	0.0000e+00	1.2137e-03	-3.4357e-06	-5.2511e-06	0.0000e+00
1287	0.0000e+00	0.0000e+00	8.9118e-04	-9.8146e-06	-2.9894e-06	0.0000e+00
1288	0.0000e+00	0.0000e+00	-2.1582e-03	-8.0275e-06	6.8836e-06	0.0000e+00
1289	0.0000e+00	0.0000e+00	-2.1818e-03	3.2604e-06	5.8952e-06	0.0000e+00
1290	0.0000e+00	0.0000e+00	-1.8292e-03	1.0393e-05	4.9807e-06	0.0000e+00
1291	0.0000e+00	0.0000e+00	-1.2404e-03	1.4652e-05	4.1398e-06	0.0000e+00
1292	0.0000e+00	0.0000e+00	-5.7547e-04	1.6168e-05	3.4880e-06	0.0000e+00
1293	0.0000e+00	0.0000e+00	4.2839e-04	1.5074e-05	3.1893e-06	0.0000e+00
1294	0.0000e+00	0.0000e+00	9.5519e-04	1.1391e-05	-3.3371e-06	0.0000e+00
1295	0.0000e+00	0.0000e+00	1.3453e-03	5.0087e-06	-3.7620e-06	0.0000e+00
1296	0.0000e+00	0.0000e+00	1.4101e-03	-4.5054e-06	-4.0737e-06	0.0000e+00
1297	0.0000e+00	0.0000e+00	-7.5561e-04	-3.3344e-05	-5.9983e-07	0.0000e+00
1298	0.0000e+00	0.0000e+00	-1.8527e-03	-1.1004e-05	-1.3573e-05	0.0000e+00
1299	0.0000e+00	0.0000e+00	-1.9023e-03	6.9505e-06	-8.1049e-06	0.0000e+00
1300	0.0000e+00	0.0000e+00	-1.3941e-03	1.5561e-05	-4.4621e-06	0.0000e+00
1301	0.0000e+00	0.0000e+00	-6.1229e-04	1.9812e-05	-2.1352e-06	0.0000e+00
1302	0.0000e+00	0.0000e+00	3.0613e-04	2.1426e-05	-5.2764e-07	0.0000e+00
1303	0.0000e+00	0.0000e+00	1.2335e-03	2.0776e-05	1.6732e-06	0.0000e+00
1304	0.0000e+00	0.0000e+00	2.0750e-03	1.7224e-05	4.3706e-06	0.0000e+00
1305	0.0000e+00	0.0000e+00	2.6605e-03	8.7040e-06	8.7162e-06	0.0000e+00
1306	0.0000e+00	0.0000e+00	2.6687e-03	-1.0343e-05	1.5186e-05	0.0000e+00
1307	0.0000e+00	0.0000e+00	1.5519e-03	-3.4783e-05	2.6855e-06	0.0000e+00
1308	0.0000e+00	0.0000e+00	-7.3229e-04	-1.8648e-05	-5.6645e-07	0.0000e+00
1309	0.0000e+00	0.0000e+00	-1.3917e-03	-9.5842e-06	-8.6429e-06	0.0000e+00
1310	0.0000e+00	0.0000e+00	-1.5186e-03	3.2801e-06	-8.7223e-06	0.0000e+00

1311	0.0000e+00	0.0000e+00	-1.1581e-03	1.2363e-05	-5.8809e-06	0.0000e+00
1312	0.0000e+00	0.0000e+00	-4.9565e-04	1.7307e-05	-3.0244e-06	0.0000e+00
1313	0.0000e+00	0.0000e+00	3.1658e-04	1.9098e-05	-7.1248e-07	0.0000e+00
1314	0.0000e+00	0.0000e+00	1.1393e-03	1.8002e-05	2.5168e-06	0.0000e+00
1315	0.0000e+00	0.0000e+00	1.8433e-03	1.3471e-05	5.7736e-06	0.0000e+00
1316	0.0000e+00	0.0000e+00	2.2510e-03	4.2169e-06	9.2725e-06	0.0000e+00
1317	0.0000e+00	0.0000e+00	2.1463e-03	-9.6215e-06	9.8873e-06	0.0000e+00
1318	0.0000e+00	0.0000e+00	1.4543e-03	-2.0102e-05	2.4806e-06	0.0000e+00
1319	0.0000e+00	0.0000e+00	-7.1880e-04	-1.1032e-05	-2.0512e-07	0.0000e+00
1320	0.0000e+00	0.0000e+00	-1.1230e-03	-6.2083e-06	-4.3640e-06	0.0000e+00
1321	0.0000e+00	0.0000e+00	-1.2110e-03	2.3467e-06	-5.5502e-06	0.0000e+00
1322	0.0000e+00	0.0000e+00	-9.3010e-04	1.0007e-05	-4.4681e-06	0.0000e+00
1323	0.0000e+00	0.0000e+00	-3.7162e-04	1.4869e-05	-2.6602e-06	0.0000e+00
1324	0.0000e+00	0.0000e+00	3.3252e-04	1.6646e-05	-1.0566e-06	0.0000e+00
1325	0.0000e+00	0.0000e+00	1.0464e-03	1.5300e-05	1.9680e-06	0.0000e+00
1326	0.0000e+00	0.0000e+00	1.6288e-03	1.0610e-05	4.0675e-06	0.0000e+00
1327	0.0000e+00	0.0000e+00	1.9311e-03	2.6385e-06	5.6737e-06	0.0000e+00
1328	0.0000e+00	0.0000e+00	1.8367e-03	-6.8658e-06	5.1133e-06	0.0000e+00
1329	0.0000e+00	0.0000e+00	1.3728e-03	-1.3177e-05	1.7195e-06	0.0000e+00
1330	0.0000e+00	0.0000e+00	-7.3598e-04	-7.8058e-06	9.7042e-07	0.0000e+00
1331	0.0000e+00	0.0000e+00	-1.0169e-03	-4.1560e-06	-9.9484e-07	0.0000e+00
1332	0.0000e+00	0.0000e+00	-1.0567e-03	2.5606e-06	-1.9194e-06	0.0000e+00
1333	0.0000e+00	0.0000e+00	-7.9427e-04	9.1158e-06	-2.1291e-06	0.0000e+00
1334	0.0000e+00	0.0000e+00	-2.8715e-04	1.3558e-05	-1.8784e-06	0.0000e+00
1335	0.0000e+00	0.0000e+00	3.6108e-04	1.5177e-05	-1.5807e-06	0.0000e+00
1336	0.0000e+00	0.0000e+00	1.0078e-03	1.3765e-05	-1.6107e-06	0.0000e+00
1337	0.0000e+00	0.0000e+00	1.5262e-03	9.3017e-06	1.9563e-06	0.0000e+00
1338	0.0000e+00	0.0000e+00	1.7888e-03	2.2982e-06	2.1715e-06	0.0000e+00
1339	0.0000e+00	0.0000e+00	1.7167e-03	-5.4552e-06	1.9709e-06	0.0000e+00
1340	0.0000e+00	0.0000e+00	1.3461e-03	-1.0706e-05	-1.8229e-06	0.0000e+00
1341	0.0000e+00	0.0000e+00	-7.9333e-04	-7.5356e-06	2.0137e-06	0.0000e+00
1342	0.0000e+00	0.0000e+00	-1.0523e-03	-3.4951e-06	2.5998e-06	0.0000e+00
1343	0.0000e+00	0.0000e+00	-1.0588e-03	3.3170e-06	2.1189e-06	0.0000e+00
1344	0.0000e+00	0.0000e+00	-7.7216e-04	9.5289e-06	1.6714e-06	0.0000e+00
1345	0.0000e+00	0.0000e+00	-2.6923e-04	1.3609e-05	-1.8429e-06	0.0000e+00
1346	0.0000e+00	0.0000e+00	4.0915e-04	1.5032e-05	-2.2411e-06	0.0000e+00
1347	0.0000e+00	0.0000e+00	1.0412e-03	1.3623e-05	-2.6810e-06	0.0000e+00
1348	0.0000e+00	0.0000e+00	1.5554e-03	9.3552e-06	-3.1964e-06	0.0000e+00
1349	0.0000e+00	0.0000e+00	1.8255e-03	2.5631e-06	-3.7800e-06	0.0000e+00
1350	0.0000e+00	0.0000e+00	1.7645e-03	-5.4059e-06	-3.9967e-06	0.0000e+00
1351	0.0000e+00	0.0000e+00	1.3879e-03	-1.1231e-05	-3.4081e-06	0.0000e+00
1352	0.0000e+00	0.0000e+00	-8.8957e-04	-9.8137e-06	2.9848e-06	0.0000e+00
1353	0.0000e+00	0.0000e+00	-1.2121e-03	-3.4365e-06	5.2429e-06	0.0000e+00
1354	0.0000e+00	0.0000e+00	-1.1856e-03	4.8338e-06	4.2220e-06	0.0000e+00
1355	0.0000e+00	0.0000e+00	-8.4406e-04	1.1030e-05	3.0076e-06	0.0000e+00
1356	0.0000e+00	0.0000e+00	-3.2300e-04	1.4804e-05	-2.5657e-06	0.0000e+00
1357	0.0000e+00	0.0000e+00	4.8185e-04	1.6034e-05	-2.9333e-06	0.0000e+00
1358	0.0000e+00	0.0000e+00	1.1329e-03	1.4640e-05	-3.7363e-06	0.0000e+00
1359	0.0000e+00	0.0000e+00	1.6842e-03	1.0527e-05	-4.8017e-06	0.0000e+00
1360	0.0000e+00	0.0000e+00	1.9971e-03	3.6553e-06	-6.0274e-06	0.0000e+00
1361	0.0000e+00	0.0000e+00	1.9513e-03	-5.8523e-06	-6.8304e-06	0.0000e+00
1362	0.0000e+00	0.0000e+00	1.4905e-03	-1.4387e-05	-5.3166e-06	0.0000e+00
1363	0.0000e+00	0.0000e+00	-1.4082e-03	-4.5043e-06	4.0736e-06	0.0000e+00
1364	0.0000e+00	0.0000e+00	-1.3434e-03	5.0097e-06	3.7615e-06	0.0000e+00
1365	0.0000e+00	0.0000e+00	-9.5332e-04	1.1393e-05	3.3391e-06	0.0000e+00
1366	0.0000e+00	0.0000e+00	-4.2740e-04	1.5078e-05	-3.1962e-06	0.0000e+00
1367	0.0000e+00	0.0000e+00	5.7793e-04	1.6174e-05	-3.5000e-06	0.0000e+00
1368	0.0000e+00	0.0000e+00	1.2434e-03	1.4660e-05	-4.1556e-06	0.0000e+00
1369	0.0000e+00	0.0000e+00	1.8326e-03	1.0403e-05	-4.9988e-06	0.0000e+00
1370	0.0000e+00	0.0000e+00	2.1856e-03	3.2718e-06	-5.9143e-06	0.0000e+00
1371	0.0000e+00	0.0000e+00	2.1626e-03	-8.0168e-06	-6.9024e-06	0.0000e+00
1372	0.0000e+00	0.0000e+00	-1.5411e-03	-3.4688e-05	-2.2385e-06	0.0000e+00
1373	0.0000e+00	0.0000e+00	-2.6378e-03	-9.6290e-06	-1.4399e-05	0.0000e+00
1374	0.0000e+00	0.0000e+00	-2.6029e-03	9.2714e-06	-8.1644e-06	0.0000e+00
1375	0.0000e+00	0.0000e+00	-1.9948e-03	1.7755e-05	-4.1449e-06	0.0000e+00
1376	0.0000e+00	0.0000e+00	-1.1298e-03	2.1376e-05	-1.8761e-06	0.0000e+00
1377	0.0000e+00	0.0000e+00	-1.8567e-04	2.2142e-05	1.4735e-06	0.0000e+00
1378	0.0000e+00	0.0000e+00	7.8131e-04	2.0632e-05	2.8172e-06	0.0000e+00
1379	0.0000e+00	0.0000e+00	1.5991e-03	1.6407e-05	5.1816e-06	0.0000e+00
1380	0.0000e+00	0.0000e+00	2.1411e-03	7.7089e-06	9.0230e-06	0.0000e+00
1381	0.0000e+00	0.0000e+00	2.1141e-03	-1.0998e-05	1.4592e-05	0.0000e+00
1382	0.0000e+00	0.0000e+00	1.0360e-03	-3.3002e-05	2.7649e-06	0.0000e+00

1383	0.0000e+00	0.0000e+00	-1.4636e-03	-1.9927e-05	-2.2691e-06	0.0000e+00
1384	0.0000e+00	0.0000e+00	-2.1381e-03	-9.0384e-06	-9.5824e-06	0.0000e+00
1385	0.0000e+00	0.0000e+00	-2.2145e-03	4.8877e-06	-8.9355e-06	0.0000e+00
1386	0.0000e+00	0.0000e+00	-1.7778e-03	1.4136e-05	-5.6098e-06	0.0000e+00
1387	0.0000e+00	0.0000e+00	-1.0440e-03	1.8697e-05	-2.8537e-06	0.0000e+00
1388	0.0000e+00	0.0000e+00	-1.8884e-04	1.9852e-05	-2.2348e-06	0.0000e+00
1389	0.0000e+00	0.0000e+00	6.5591e-04	1.8108e-05	4.0106e-06	0.0000e+00
1390	0.0000e+00	0.0000e+00	1.3543e-03	1.3155e-05	6.6485e-06	0.0000e+00
1391	0.0000e+00	0.0000e+00	1.7476e-03	4.1329e-06	9.3553e-06	0.0000e+00
1392	0.0000e+00	0.0000e+00	1.6487e-03	-9.3156e-06	9.0595e-06	0.0000e+00
1393	0.0000e+00	0.0000e+00	1.0244e-03	-1.8214e-05	2.1150e-06	0.0000e+00
1394	0.0000e+00	0.0000e+00	-1.3970e-03	-1.2927e-05	-1.6190e-06	0.0000e+00
1395	0.0000e+00	0.0000e+00	-1.8445e-03	-6.3712e-06	-4.8216e-06	0.0000e+00
1396	0.0000e+00	0.0000e+00	-1.9140e-03	3.2552e-06	-5.4234e-06	0.0000e+00
1397	0.0000e+00	0.0000e+00	-1.5833e-03	1.1302e-05	-4.1451e-06	0.0000e+00
1398	0.0000e+00	0.0000e+00	-9.7166e-04	1.6050e-05	-3.0333e-06	0.0000e+00
1399	0.0000e+00	0.0000e+00	-2.4751e-04	1.7453e-05	3.3118e-06	0.0000e+00
1400	0.0000e+00	0.0000e+00	5.4090e-04	1.5714e-05	4.5705e-06	0.0000e+00
1401	0.0000e+00	0.0000e+00	1.1308e-03	1.0852e-05	6.0496e-06	0.0000e+00
1402	0.0000e+00	0.0000e+00	1.4485e-03	3.2796e-06	6.9042e-06	0.0000e+00
1403	0.0000e+00	0.0000e+00	1.3973e-03	-5.8392e-06	5.7204e-06	0.0000e+00
1404	0.0000e+00	0.0000e+00	1.0308e-03	-1.0921e-05	-3.0265e-06	0.0000e+00
1405	0.0000e+00	0.0000e+00	-1.4026e-03	-1.0377e-05	2.6390e-06	0.0000e+00
1406	0.0000e+00	0.0000e+00	-1.7569e-03	-5.0188e-06	-2.6945e-06	0.0000e+00
1407	0.0000e+00	0.0000e+00	-1.8084e-03	2.9174e-06	-3.1606e-06	0.0000e+00
1408	0.0000e+00	0.0000e+00	-1.5229e-03	1.0010e-05	-3.6465e-06	0.0000e+00
1409	0.0000e+00	0.0000e+00	-9.8723e-04	1.4561e-05	-4.1963e-06	0.0000e+00
1410	0.0000e+00	0.0000e+00	-3.9171e-04	1.6038e-05	4.8356e-06	0.0000e+00
1411	0.0000e+00	0.0000e+00	5.2204e-04	1.4452e-05	5.4635e-06	0.0000e+00
1412	0.0000e+00	0.0000e+00	1.0252e-03	9.9975e-06	5.9001e-06	0.0000e+00
1413	0.0000e+00	0.0000e+00	1.3205e-03	3.4253e-06	5.9090e-06	0.0000e+00
1414	0.0000e+00	0.0000e+00	1.3199e-03	-3.8816e-06	5.4186e-06	0.0000e+00
1415	0.0000e+00	0.0000e+00	1.0766e-03	-8.0731e-06	-4.8799e-06	0.0000e+00
1416	0.0000e+00	0.0000e+00	-1.5144e-03	-1.0808e-05	5.3233e-06	0.0000e+00
1417	0.0000e+00	0.0000e+00	-1.8756e-03	-5.0241e-06	6.3708e-06	0.0000e+00
1418	0.0000e+00	0.0000e+00	-1.9218e-03	3.2805e-06	6.5419e-06	0.0000e+00
1419	0.0000e+00	0.0000e+00	-1.6394e-03	1.0129e-05	6.4250e-06	0.0000e+00
1420	0.0000e+00	0.0000e+00	-1.1342e-03	1.4483e-05	6.4893e-06	0.0000e+00
1421	0.0000e+00	0.0000e+00	-6.2816e-04	1.5935e-05	6.7229e-06	0.0000e+00
1422	0.0000e+00	0.0000e+00	6.6001e-04	1.4502e-05	-7.0209e-06	0.0000e+00
1423	0.0000e+00	0.0000e+00	1.0827e-03	1.0349e-05	-7.2995e-06	0.0000e+00
1424	0.0000e+00	0.0000e+00	1.3793e-03	3.9949e-06	-7.5139e-06	0.0000e+00
1425	0.0000e+00	0.0000e+00	1.4075e-03	-3.4816e-06	-7.5552e-06	0.0000e+00
1426	0.0000e+00	0.0000e+00	1.1951e-03	-8.3183e-06	-7.4890e-06	0.0000e+00
1427	0.0000e+00	0.0000e+00	-1.7470e-03	-1.3846e-05	8.4523e-06	0.0000e+00
1428	0.0000e+00	0.0000e+00	-2.1947e-03	-5.4879e-06	1.0721e-05	0.0000e+00
1429	0.0000e+00	0.0000e+00	-2.2314e-03	4.4964e-06	1.0153e-05	0.0000e+00
1430	0.0000e+00	0.0000e+00	-1.9197e-03	1.1437e-05	9.2669e-06	0.0000e+00
1431	0.0000e+00	0.0000e+00	-1.4136e-03	1.5592e-05	8.7485e-06	0.0000e+00
1432	0.0000e+00	0.0000e+00	-9.5612e-04	1.6956e-05	8.6367e-06	0.0000e+00
1433	0.0000e+00	0.0000e+00	9.4083e-04	1.5621e-05	-8.8545e-06	0.0000e+00
1434	0.0000e+00	0.0000e+00	1.3001e-03	1.1661e-05	-9.3459e-06	0.0000e+00
1435	0.0000e+00	0.0000e+00	1.6098e-03	5.2010e-06	-1.0055e-05	0.0000e+00
1436	0.0000e+00	0.0000e+00	1.6630e-03	-3.8490e-06	-1.0662e-05	0.0000e+00
1437	0.0000e+00	0.0000e+00	1.4321e-03	-1.1275e-05	-1.0888e-05	0.0000e+00
1438	0.0000e+00	0.0000e+00	-2.6246e-03	-7.0463e-06	1.1749e-05	0.0000e+00
1439	0.0000e+00	0.0000e+00	-2.6322e-03	4.1978e-06	1.1008e-05	0.0000e+00
1440	0.0000e+00	0.0000e+00	-2.2908e-03	1.1470e-05	1.0389e-05	0.0000e+00
1441	0.0000e+00	0.0000e+00	-1.7839e-03	1.5663e-05	1.0017e-05	0.0000e+00
1442	0.0000e+00	0.0000e+00	-1.3596e-03	1.7013e-05	9.9806e-06	0.0000e+00
1443	0.0000e+00	0.0000e+00	1.3206e-03	1.5662e-05	1.0323e-05	0.0000e+00
1444	0.0000e+00	0.0000e+00	1.6279e-03	1.1634e-05	-1.1064e-05	0.0000e+00
1445	0.0000e+00	0.0000e+00	1.9441e-03	4.9756e-06	-1.2247e-05	0.0000e+00
1446	0.0000e+00	0.0000e+00	2.0423e-03	-6.0990e-06	-1.4029e-05	0.0000e+00
1447	0.0000e+00	0.0000e+00	-1.5569e-04	-1.5943e-05	-1.2359e-05	0.0000e+00
1448	0.0000e+00	0.0000e+00	-3.5675e-04	-8.8689e-07	-7.9562e-06	0.0000e+00
1449	0.0000e+00	0.0000e+00	-2.3418e-04	5.6495e-06	-4.1777e-06	0.0000e+00
1450	0.0000e+00	0.0000e+00	6.1627e-05	6.0450e-06	-1.5900e-06	0.0000e+00
1451	0.0000e+00	0.0000e+00	1.9206e-04	2.4834e-06	2.0541e-06	0.0000e+00
1452	0.0000e+00	0.0000e+00	1.3987e-04	-6.2127e-06	4.3106e-06	0.0000e+00
1453	0.0000e+00	0.0000e+00	-3.8621e-04	-1.8374e-05	6.9518e-06	0.0000e+00
1454	0.0000e+00	0.0000e+00	-1.4415e-03	-3.5782e-05	9.9717e-06	0.0000e+00

1455	0.0000e+00	0.0000e+00	-3.3352e-03	-6.0435e-05	1.2712e-05	0.0000e+00
1456	0.0000e+00	0.0000e+00	-6.3542e-03	-8.9810e-05	7.0377e-06	0.0000e+00
1457	0.0000e+00	0.0000e+00	4.1435e-04	-1.3002e-05	-7.1563e-06	0.0000e+00
1458	0.0000e+00	0.0000e+00	2.0780e-04	-4.1061e-06	-7.7067e-06	0.0000e+00
1459	0.0000e+00	0.0000e+00	1.6563e-04	2.0430e-06	-5.0081e-06	0.0000e+00
1460	0.0000e+00	0.0000e+00	1.3384e-04	2.7928e-06	-2.1463e-06	0.0000e+00
1461	0.0000e+00	0.0000e+00	1.1890e-04	-2.0276e-06	2.7757e-06	0.0000e+00
1462	0.0000e+00	0.0000e+00	-9.3796e-05	-9.3959e-06	5.7315e-06	0.0000e+00
1463	0.0000e+00	0.0000e+00	-7.0321e-04	-2.1695e-05	8.8454e-06	0.0000e+00
1464	0.0000e+00	0.0000e+00	-1.8951e-03	-3.8615e-05	1.1479e-05	0.0000e+00
1465	0.0000e+00	0.0000e+00	-3.8407e-03	-5.9156e-05	1.1849e-05	0.0000e+00
1466	0.0000e+00	0.0000e+00	-6.6118e-03	-7.8538e-05	7.2768e-06	0.0000e+00
1467	0.0000e+00	0.0000e+00	6.4233e-04	-9.4622e-06	-4.2794e-06	0.0000e+00
1468	0.0000e+00	0.0000e+00	4.0193e-04	-5.0622e-06	-4.9326e-06	0.0000e+00
1469	0.0000e+00	0.0000e+00	2.9647e-04	-1.9889e-06	-3.7193e-06	0.0000e+00
1470	0.0000e+00	0.0000e+00	2.2508e-04	-2.0027e-06	-2.7014e-06	0.0000e+00
1471	0.0000e+00	0.0000e+00	1.3779e-04	-5.1962e-06	4.2394e-06	0.0000e+00
1472	0.0000e+00	0.0000e+00	-3.6119e-04	-1.2872e-05	6.9392e-06	0.0000e+00
1473	0.0000e+00	0.0000e+00	-1.0922e-03	-2.4758e-05	9.6250e-06	0.0000e+00
1474	0.0000e+00	0.0000e+00	-2.3815e-03	-4.0199e-05	1.1545e-05	0.0000e+00
1475	0.0000e+00	0.0000e+00	-4.3315e-03	-5.7296e-05	1.1598e-05	0.0000e+00
1476	0.0000e+00	0.0000e+00	-6.9346e-03	-7.2016e-05	8.9561e-06	0.0000e+00
1477	0.0000e+00	0.0000e+00	7.9379e-04	-7.9540e-06	-4.7105e-06	0.0000e+00
1478	0.0000e+00	0.0000e+00	5.8200e-04	-5.6270e-06	-4.5902e-06	0.0000e+00
1479	0.0000e+00	0.0000e+00	4.4992e-04	-3.8667e-06	-4.4650e-06	0.0000e+00
1480	0.0000e+00	0.0000e+00	3.4942e-04	-4.4508e-06	4.9246e-06	0.0000e+00
1481	0.0000e+00	0.0000e+00	-3.3556e-04	-8.2411e-06	6.3280e-06	0.0000e+00
1482	0.0000e+00	0.0000e+00	-6.8751e-04	-1.5862e-05	8.2923e-06	0.0000e+00
1483	0.0000e+00	0.0000e+00	-1.5114e-03	-2.7203e-05	1.0246e-05	0.0000e+00
1484	0.0000e+00	0.0000e+00	-2.8713e-03	-4.1432e-05	1.1668e-05	0.0000e+00
1485	0.0000e+00	0.0000e+00	-4.8322e-03	-5.6554e-05	1.2133e-05	0.0000e+00
1486	0.0000e+00	0.0000e+00	-7.3580e-03	-6.8957e-05	1.1305e-05	0.0000e+00
1487	0.0000e+00	0.0000e+00	9.4651e-04	-8.4038e-06	7.6702e-06	0.0000e+00
1488	0.0000e+00	0.0000e+00	7.6860e-04	-6.4125e-06	7.7134e-06	0.0000e+00
1489	0.0000e+00	0.0000e+00	6.5393e-04	-5.2802e-06	7.6524e-06	0.0000e+00
1490	0.0000e+00	0.0000e+00	5.8324e-04	-6.4477e-06	7.9107e-06	0.0000e+00
1491	0.0000e+00	0.0000e+00	-6.5513e-04	-1.0588e-05	8.7053e-06	0.0000e+00
1492	0.0000e+00	0.0000e+00	-1.0769e-03	-1.8159e-05	9.9078e-06	0.0000e+00
1493	0.0000e+00	0.0000e+00	-1.9596e-03	-2.9072e-05	1.1158e-05	0.0000e+00
1494	0.0000e+00	0.0000e+00	-3.3695e-03	-4.2633e-05	1.2146e-05	0.0000e+00
1495	0.0000e+00	0.0000e+00	-5.3591e-03	-5.7090e-05	1.2954e-05	0.0000e+00
1496	0.0000e+00	0.0000e+00	-7.8907e-03	-6.8796e-05	1.3678e-05	0.0000e+00
1497	0.0000e+00	0.0000e+00	1.2031e-03	-1.0023e-05	1.1835e-05	0.0000e+00
1498	0.0000e+00	0.0000e+00	1.0792e-03	-6.9499e-06	1.1504e-05	0.0000e+00
1499	0.0000e+00	0.0000e+00	9.9707e-04	-6.1404e-06	1.0878e-05	0.0000e+00
1500	0.0000e+00	0.0000e+00	-9.6064e-04	-7.7916e-06	1.0620e-05	0.0000e+00
1501	0.0000e+00	0.0000e+00	-1.0807e-03	-1.2228e-05	1.0882e-05	0.0000e+00
1502	0.0000e+00	0.0000e+00	-1.5355e-03	-1.9776e-05	1.1551e-05	0.0000e+00
1503	0.0000e+00	0.0000e+00	-2.4464e-03	-3.0348e-05	1.2341e-05	0.0000e+00
1504	0.0000e+00	0.0000e+00	-3.8839e-03	-4.3535e-05	1.2984e-05	0.0000e+00
1505	0.0000e+00	0.0000e+00	-5.9067e-03	-5.8333e-05	1.3687e-05	0.0000e+00
1506	0.0000e+00	0.0000e+00	-8.5126e-03	-7.1400e-05	1.5515e-05	0.0000e+00
1507	0.0000e+00	0.0000e+00	1.6653e-03	-1.2489e-05	1.4876e-05	0.0000e+00
1508	0.0000e+00	0.0000e+00	1.5629e-03	-8.7522e-06	1.3567e-05	0.0000e+00
1509	0.0000e+00	0.0000e+00	-1.4793e-03	-8.1202e-06	1.2685e-05	0.0000e+00
1510	0.0000e+00	0.0000e+00	-1.4489e-03	-1.0028e-05	1.2235e-05	0.0000e+00
1511	0.0000e+00	0.0000e+00	-1.5853e-03	-1.4643e-05	1.2207e-05	0.0000e+00
1512	0.0000e+00	0.0000e+00	-2.0504e-03	-2.2155e-05	1.2541e-05	0.0000e+00
1513	0.0000e+00	0.0000e+00	-2.9712e-03	-3.2456e-05	1.3148e-05	0.0000e+00
1514	0.0000e+00	0.0000e+00	-4.4233e-03	-4.5291e-05	1.3977e-05	0.0000e+00
1515	0.0000e+00	0.0000e+00	-6.4700e-03	-6.0376e-05	1.5096e-05	0.0000e+00
1516	0.0000e+00	0.0000e+00	3.6559e-04	-1.9450e-05	-1.2209e-05	0.0000e+00
1517	0.0000e+00	0.0000e+00	-1.2385e-04	-3.6470e-06	-7.5378e-06	0.0000e+00
1518	0.0000e+00	0.0000e+00	-1.3346e-04	2.4802e-06	-3.0206e-06	0.0000e+00
1519	0.0000e+00	0.0000e+00	1.0811e-04	2.5807e-06	2.2171e-06	0.0000e+00
1520	0.0000e+00	0.0000e+00	9.1274e-05	-3.4048e-06	6.5146e-06	0.0000e+00
1521	0.0000e+00	0.0000e+00	-3.8269e-04	-1.8943e-05	1.1189e-05	0.0000e+00
1522	0.0000e+00	0.0000e+00	7.0543e-04	-1.6201e-05	-5.6150e-06	0.0000e+00
1523	0.0000e+00	0.0000e+00	2.3462e-04	-7.8499e-06	-6.0969e-06	0.0000e+00
1524	0.0000e+00	0.0000e+00	6.2773e-05	-2.5887e-06	-2.8794e-06	0.0000e+00
1525	0.0000e+00	0.0000e+00	-6.4015e-05	-2.5188e-06	2.1718e-06	0.0000e+00
1526	0.0000e+00	0.0000e+00	-2.3318e-04	-7.6442e-06	5.3627e-06	0.0000e+00



1527	0.0000e+00	0.0000e+00	-6.9658e-04	-1.6020e-05	5.0853e-06	0.0000e+00
1528	0.0000e+00	0.0000e+00	8.6477e-04	-1.2677e-05	-2.9321e-06	0.0000e+00
1529	0.0000e+00	0.0000e+00	4.2614e-04	-9.0566e-06	-3.7135e-06	0.0000e+00
1530	0.0000e+00	0.0000e+00	1.3210e-04	-6.1083e-06	-2.3740e-06	0.0000e+00
1531	0.0000e+00	0.0000e+00	-1.0178e-04	-6.0878e-06	1.7642e-06	0.0000e+00
1532	0.0000e+00	0.0000e+00	-3.9429e-04	-9.0240e-06	2.9211e-06	0.0000e+00
1533	0.0000e+00	0.0000e+00	-8.3282e-04	-1.2728e-05	2.2840e-06	0.0000e+00
1534	0.0000e+00	0.0000e+00	9.6013e-04	-1.1198e-05	-3.0138e-06	0.0000e+00
1535	0.0000e+00	0.0000e+00	5.4544e-04	-9.4949e-06	-3.1498e-06	0.0000e+00
1536	0.0000e+00	0.0000e+00	2.1927e-04	-7.8175e-06	-2.8198e-06	0.0000e+00
1537	0.0000e+00	0.0000e+00	-1.5111e-04	-7.8607e-06	2.4470e-06	0.0000e+00
1538	0.0000e+00	0.0000e+00	-4.6796e-04	-9.6301e-06	2.3074e-06	0.0000e+00
1539	0.0000e+00	0.0000e+00	-8.8876e-04	-1.1434e-05	2.0894e-06	0.0000e+00
1540	0.0000e+00	0.0000e+00	1.0639e-03	-1.1552e-05	-4.5160e-06	0.0000e+00
1541	0.0000e+00	0.0000e+00	6.5272e-04	-9.8231e-06	-4.3405e-06	0.0000e+00
1542	0.0000e+00	0.0000e+00	3.4677e-04	-8.3083e-06	4.2428e-06	0.0000e+00
1543	0.0000e+00	0.0000e+00	-2.5087e-04	-8.4085e-06	4.0721e-06	0.0000e+00
1544	0.0000e+00	0.0000e+00	-5.0105e-04	-1.0114e-05	3.7967e-06	0.0000e+00
1545	0.0000e+00	0.0000e+00	-9.1687e-04	-1.1976e-05	3.3733e-06	0.0000e+00
1546	0.0000e+00	0.0000e+00	1.2154e-03	-1.3040e-05	6.7899e-06	0.0000e+00
1547	0.0000e+00	0.0000e+00	8.1149e-04	-9.7760e-06	6.4585e-06	0.0000e+00
1548	0.0000e+00	0.0000e+00	5.5451e-04	-7.9330e-06	6.2077e-06	0.0000e+00
1549	0.0000e+00	0.0000e+00	-4.4581e-04	-8.0569e-06	-6.0665e-06	0.0000e+00
1550	0.0000e+00	0.0000e+00	-5.6535e-04	-1.0161e-05	-5.9865e-06	0.0000e+00
1551	0.0000e+00	0.0000e+00	-9.3989e-04	-1.3680e-05	-5.5946e-06	0.0000e+00
1552	0.0000e+00	0.0000e+00	1.4867e-03	-1.5425e-05	-1.0422e-05	0.0000e+00
1553	0.0000e+00	0.0000e+00	1.0942e-03	-1.0939e-05	-9.0157e-06	0.0000e+00
1554	0.0000e+00	0.0000e+00	8.5925e-04	-8.7886e-06	-8.1701e-06	0.0000e+00
1555	0.0000e+00	0.0000e+00	-7.3683e-04	-8.8441e-06	7.7092e-06	0.0000e+00
1556	0.0000e+00	0.0000e+00	-7.5806e-04	-1.1131e-05	7.5526e-06	0.0000e+00
1557	0.0000e+00	0.0000e+00	-1.0289e-03	-1.5819e-05	7.7029e-06	0.0000e+00
1558	0.0000e+00	0.0000e+00	3.8210e-04	-1.8938e-05	-1.1203e-05	0.0000e+00
1559	0.0000e+00	0.0000e+00	-9.4289e-05	-3.3998e-06	-6.5290e-06	0.0000e+00
1560	0.0000e+00	0.0000e+00	-1.1096e-04	2.5854e-06	-2.2315e-06	0.0000e+00
1561	0.0000e+00	0.0000e+00	1.3532e-04	2.4859e-06	3.0132e-06	0.0000e+00
1562	0.0000e+00	0.0000e+00	1.2562e-04	-3.6421e-06	7.5287e-06	0.0000e+00
1563	0.0000e+00	0.0000e+00	-3.6597e-04	-1.9446e-05	1.2201e-05	0.0000e+00
1564	0.0000e+00	0.0000e+00	6.9629e-04	-1.6016e-05	-5.1067e-06	0.0000e+00
1565	0.0000e+00	0.0000e+00	2.3337e-04	-7.6394e-06	-5.3845e-06	0.0000e+00
1566	0.0000e+00	0.0000e+00	6.5721e-05	-2.5135e-06	-2.1953e-06	0.0000e+00
1567	0.0000e+00	0.0000e+00	-6.4284e-05	-2.5838e-06	2.8693e-06	0.0000e+00
1568	0.0000e+00	0.0000e+00	-2.3450e-04	-7.8458e-06	6.0824e-06	0.0000e+00
1569	0.0000e+00	0.0000e+00	-7.0487e-04	-1.6198e-05	5.6013e-06	0.0000e+00
1570	0.0000e+00	0.0000e+00	8.3337e-04	-1.2723e-05	-2.3127e-06	0.0000e+00
1571	0.0000e+00	0.0000e+00	3.9500e-04	-9.0191e-06	-2.9505e-06	0.0000e+00
1572	0.0000e+00	0.0000e+00	1.0254e-04	-6.0828e-06	-1.7915e-06	0.0000e+00
1573	0.0000e+00	0.0000e+00	-1.3077e-04	-6.1038e-06	2.3699e-06	0.0000e+00
1574	0.0000e+00	0.0000e+00	-4.2473e-04	-9.0531e-06	3.7009e-06	0.0000e+00
1575	0.0000e+00	0.0000e+00	-8.6327e-04	-1.2675e-05	2.9237e-06	0.0000e+00
1576	0.0000e+00	0.0000e+00	8.9037e-04	-1.1429e-05	-2.1146e-06	0.0000e+00
1577	0.0000e+00	0.0000e+00	4.6966e-04	-9.6250e-06	-2.3331e-06	0.0000e+00
1578	0.0000e+00	0.0000e+00	1.5222e-04	-7.8557e-06	-2.4665e-06	0.0000e+00
1579	0.0000e+00	0.0000e+00	-2.1701e-04	-7.8129e-06	2.8299e-06	0.0000e+00
1580	0.0000e+00	0.0000e+00	-5.4300e-04	-9.4915e-06	3.1559e-06	0.0000e+00
1581	0.0000e+00	0.0000e+00	-9.5763e-04	-1.1197e-05	3.0248e-06	0.0000e+00
1582	0.0000e+00	0.0000e+00	9.1969e-04	-1.1970e-05	-3.3899e-06	0.0000e+00
1583	0.0000e+00	0.0000e+00	5.0387e-04	-1.0109e-05	-3.8098e-06	0.0000e+00
1584	0.0000e+00	0.0000e+00	2.5226e-04	-8.4034e-06	-4.0877e-06	0.0000e+00
1585	0.0000e+00	0.0000e+00	-3.4478e-04	-8.3035e-06	-4.2627e-06	0.0000e+00
1586	0.0000e+00	0.0000e+00	-6.4981e-04	-9.8196e-06	4.3654e-06	0.0000e+00
1587	0.0000e+00	0.0000e+00	-1.0607e-03	-1.1552e-05	4.5425e-06	0.0000e+00
1588	0.0000e+00	0.0000e+00	9.4394e-04	-1.3674e-05	5.6049e-06	0.0000e+00
1589	0.0000e+00	0.0000e+00	5.6898e-04	-1.0155e-05	5.9977e-06	0.0000e+00
1590	0.0000e+00	0.0000e+00	4.4738e-04	-8.0519e-06	6.0837e-06	0.0000e+00
1591	0.0000e+00	0.0000e+00	-5.5365e-04	-7.9285e-06	-6.2327e-06	0.0000e+00
1592	0.0000e+00	0.0000e+00	-8.0926e-04	-9.7727e-06	-6.4919e-06	0.0000e+00
1593	0.0000e+00	0.0000e+00	-1.2125e-03	-1.3040e-05	-6.8290e-06	0.0000e+00
1594	0.0000e+00	0.0000e+00	1.0338e-03	-1.5812e-05	-7.7207e-06	0.0000e+00
1595	0.0000e+00	0.0000e+00	7.6193e-04	-1.1125e-05	-7.5721e-06	0.0000e+00
1596	0.0000e+00	0.0000e+00	7.3890e-04	-8.8397e-06	-7.7319e-06	0.0000e+00
1597	0.0000e+00	0.0000e+00	-8.5980e-04	-8.7866e-06	8.1971e-06	0.0000e+00
1598	0.0000e+00	0.0000e+00	-1.0937e-03	-1.0940e-05	9.0474e-06	0.0000e+00

1599	0.0000e+00	0.0000e+00	-1.4853e-03	-1.5430e-05	1.0459e-05	0.0000e+00
1600	0.0000e+00	0.0000e+00	-3.9646e-04	-1.3601e-05	-1.3111e-05	0.0000e+00
1601	0.0000e+00	0.0000e+00	-5.8064e-04	3.4226e-06	-7.8942e-06	0.0000e+00
1602	0.0000e+00	0.0000e+00	-2.4739e-04	1.1180e-05	-3.8200e-06	0.0000e+00
1603	0.0000e+00	0.0000e+00	3.0785e-04	1.3771e-05	-4.8252e-07	0.0000e+00
1604	0.0000e+00	0.0000e+00	8.7967e-04	1.2018e-05	3.0009e-06	0.0000e+00
1605	0.0000e+00	0.0000e+00	1.2625e-03	4.7888e-06	7.4153e-06	0.0000e+00
1606	0.0000e+00	0.0000e+00	1.1351e-03	-1.2483e-05	1.3284e-05	0.0000e+00
1607	0.0000e+00	0.0000e+00	-1.3761e-06	-3.3763e-05	-1.2532e-08	0.0000e+00
1608	0.0000e+00	0.0000e+00	2.9224e-05	-1.1675e-05	-7.6852e-06	0.0000e+00
1609	0.0000e+00	0.0000e+00	-2.2514e-04	-3.9712e-07	-7.8593e-06	0.0000e+00
1610	0.0000e+00	0.0000e+00	-5.9829e-05	7.1865e-06	-4.5256e-06	0.0000e+00
1611	0.0000e+00	0.0000e+00	3.2820e-04	9.8401e-06	-5.5503e-07	0.0000e+00
1612	0.0000e+00	0.0000e+00	7.2746e-04	7.7555e-06	3.6051e-06	0.0000e+00
1613	0.0000e+00	0.0000e+00	9.2555e-04	4.4485e-07	7.3636e-06	0.0000e+00
1614	0.0000e+00	0.0000e+00	7.0234e-04	-1.1204e-05	7.7864e-06	0.0000e+00
1615	0.0000e+00	0.0000e+00	-8.1514e-07	-1.9141e-05	-1.3298e-08	0.0000e+00
1616	0.0000e+00	0.0000e+00	2.7226e-04	-8.2212e-06	-4.2943e-06	0.0000e+00
1617	0.0000e+00	0.0000e+00	5.4271e-05	-1.5831e-06	-5.2778e-06	0.0000e+00
1618	0.0000e+00	0.0000e+00	1.1798e-04	4.0323e-06	-3.6107e-06	0.0000e+00
1619	0.0000e+00	0.0000e+00	3.5626e-04	6.2139e-06	-8.3490e-07	0.0000e+00
1620	0.0000e+00	0.0000e+00	6.0121e-04	4.3182e-06	2.1293e-06	0.0000e+00
1621	0.0000e+00	0.0000e+00	6.7926e-04	-1.2640e-06	4.1789e-06	0.0000e+00
1622	0.0000e+00	0.0000e+00	4.6772e-04	-8.3065e-06	3.7320e-06	0.0000e+00
1623	0.0000e+00	0.0000e+00	-2.9167e-07	-1.1957e-05	-1.3404e-08	0.0000e+00
1624	0.0000e+00	0.0000e+00	4.0943e-04	-6.3348e-06	-2.3790e-06	0.0000e+00
1625	0.0000e+00	0.0000e+00	2.2666e-04	-1.8061e-06	-2.9380e-06	0.0000e+00
1626	0.0000e+00	0.0000e+00	2.4629e-04	2.4110e-06	-2.4414e-06	0.0000e+00
1627	0.0000e+00	0.0000e+00	3.9987e-04	4.0813e-06	-1.2691e-06	0.0000e+00
1628	0.0000e+00	0.0000e+00	5.5486e-04	2.4518e-06	2.5564e-07	0.0000e+00
1629	0.0000e+00	0.0000e+00	5.7373e-04	-1.9339e-06	9.1222e-07	0.0000e+00
1630	0.0000e+00	0.0000e+00	3.7488e-04	-6.9866e-06	8.3864e-07	0.0000e+00
1631	0.0000e+00	0.0000e+00	-4.3384e-07	-9.3629e-06	-1.3103e-08	0.0000e+00
1632	0.0000e+00	0.0000e+00	4.8235e-04	-5.9974e-06	-1.3387e-06	0.0000e+00
1633	0.0000e+00	0.0000e+00	3.1396e-04	-1.6390e-06	-1.4079e-06	0.0000e+00
1634	0.0000e+00	0.0000e+00	3.3058e-04	2.1277e-06	-1.6606e-06	0.0000e+00
1635	0.0000e+00	0.0000e+00	4.6264e-04	3.5053e-06	-1.7291e-06	0.0000e+00
1636	0.0000e+00	0.0000e+00	5.9218e-04	1.9704e-06	-1.7304e-06	0.0000e+00
1637	0.0000e+00	0.0000e+00	5.9564e-04	-2.1614e-06	-1.8064e-06	0.0000e+00
1638	0.0000e+00	0.0000e+00	3.8960e-04	-7.2216e-06	-1.4892e-06	0.0000e+00
1639	0.0000e+00	0.0000e+00	9.5153e-07	-9.8462e-06	-1.1908e-08	0.0000e+00
1640	0.0000e+00	0.0000e+00	5.0724e-04	-6.4302e-06	1.6744e-06	0.0000e+00
1641	0.0000e+00	0.0000e+00	3.4838e-04	-8.8585e-07	1.4089e-06	0.0000e+00
1642	0.0000e+00	0.0000e+00	3.9018e-04	2.9120e-06	-1.5635e-06	0.0000e+00
1643	0.0000e+00	0.0000e+00	5.4156e-04	4.1190e-06	-2.0424e-06	0.0000e+00
1644	0.0000e+00	0.0000e+00	6.8873e-04	2.6071e-06	-2.6225e-06	0.0000e+00
1645	0.0000e+00	0.0000e+00	7.1010e-04	-1.7013e-06	-3.2884e-06	0.0000e+00
1646	0.0000e+00	0.0000e+00	4.9379e-04	-8.1585e-06	-3.4273e-06	0.0000e+00
1647	0.0000e+00	0.0000e+00	1.4030e-06	-1.2929e-05	-7.5748e-09	0.0000e+00
1648	0.0000e+00	0.0000e+00	5.4558e-04	-7.9045e-06	-2.9009e-06	0.0000e+00
1649	0.0000e+00	0.0000e+00	3.9770e-04	-1.4446e-06	-2.2917e-06	0.0000e+00
1650	0.0000e+00	0.0000e+00	4.5547e-04	2.6107e-06	-2.0328e-06	0.0000e+00
1651	0.0000e+00	0.0000e+00	6.2457e-04	3.6912e-06	-1.9942e-06	0.0000e+00
1652	0.0000e+00	0.0000e+00	7.9084e-04	2.1079e-06	-2.0229e-06	0.0000e+00
1653	0.0000e+00	0.0000e+00	8.2960e-04	-2.5804e-06	-1.9087e-06	0.0000e+00
1654	0.0000e+00	0.0000e+00	6.1096e-04	-1.0238e-05	-1.3292e-06	0.0000e+00
1655	0.0000e+00	0.0000e+00	-1.1361e-03	-1.2483e-05	-1.3293e-05	0.0000e+00
1656	0.0000e+00	0.0000e+00	-1.2635e-03	4.7884e-06	-7.4254e-06	0.0000e+00
1657	0.0000e+00	0.0000e+00	-8.8076e-04	1.2017e-05	-3.0119e-06	0.0000e+00
1658	0.0000e+00	0.0000e+00	-3.0905e-04	1.3770e-05	4.7685e-07	0.0000e+00
1659	0.0000e+00	0.0000e+00	2.4647e-04	1.1180e-05	3.8101e-06	0.0000e+00
1660	0.0000e+00	0.0000e+00	5.7960e-04	3.4217e-06	7.8843e-06	0.0000e+00
1661	0.0000e+00	0.0000e+00	3.9537e-04	-1.3603e-05	1.3101e-05	0.0000e+00
1662	0.0000e+00	0.0000e+00	-7.0291e-04	-1.1204e-05	-7.7978e-06	0.0000e+00
1663	0.0000e+00	0.0000e+00	-9.2613e-04	4.4490e-07	-7.3749e-06	0.0000e+00
1664	0.0000e+00	0.0000e+00	-7.2806e-04	7.7552e-06	-3.6169e-06	0.0000e+00
1665	0.0000e+00	0.0000e+00	-3.2884e-04	9.8398e-06	5.4801e-07	0.0000e+00
1666	0.0000e+00	0.0000e+00	5.9523e-05	7.1861e-06	4.5145e-06	0.0000e+00
1667	0.0000e+00	0.0000e+00	2.2457e-04	-3.9785e-07	7.8476e-06	0.0000e+00
1668	0.0000e+00	0.0000e+00	-3.0193e-05	-1.1676e-05	7.6729e-06	0.0000e+00
1669	0.0000e+00	0.0000e+00	-4.6779e-04	-8.3066e-06	-3.7441e-06	0.0000e+00
1670	0.0000e+00	0.0000e+00	-6.7934e-04	-1.2642e-06	-4.1909e-06	0.0000e+00

1671	0.0000e+00	0.0000e+00	-6.0129e-04	4.3180e-06	-2.1417e-06	0.0000e+00
1672	0.0000e+00	0.0000e+00	-3.5635e-04	6.2139e-06	8.2660e-07	0.0000e+00
1673	0.0000e+00	0.0000e+00	-1.1808e-04	4.0323e-06	3.5994e-06	0.0000e+00
1674	0.0000e+00	0.0000e+00	-5.4368e-05	-1.5832e-06	5.2655e-06	0.0000e+00
1675	0.0000e+00	0.0000e+00	-2.7236e-04	-8.2218e-06	4.2813e-06	0.0000e+00
1676	0.0000e+00	0.0000e+00	-3.7443e-04	-6.9870e-06	-8.5102e-07	0.0000e+00
1677	0.0000e+00	0.0000e+00	-5.7329e-04	-1.9344e-06	-9.2489e-07	0.0000e+00
1678	0.0000e+00	0.0000e+00	-5.5444e-04	2.4517e-06	-2.6805e-07	0.0000e+00
1679	0.0000e+00	0.0000e+00	-3.9945e-04	4.0816e-06	1.2608e-06	0.0000e+00
1680	0.0000e+00	0.0000e+00	-2.4584e-04	2.4117e-06	2.4314e-06	0.0000e+00
1681	0.0000e+00	0.0000e+00	-2.2618e-04	-1.8055e-06	2.9270e-06	0.0000e+00
1682	0.0000e+00	0.0000e+00	-4.0892e-04	-6.3345e-06	2.3675e-06	0.0000e+00
1683	0.0000e+00	0.0000e+00	-3.8867e-04	-7.2225e-06	1.4793e-06	0.0000e+00
1684	0.0000e+00	0.0000e+00	-5.9475e-04	-2.1621e-06	1.7974e-06	0.0000e+00
1685	0.0000e+00	0.0000e+00	-5.9131e-04	1.9703e-06	1.7224e-06	0.0000e+00
1686	0.0000e+00	0.0000e+00	-4.6175e-04	3.5061e-06	1.7219e-06	0.0000e+00
1687	0.0000e+00	0.0000e+00	-3.2967e-04	2.1293e-06	1.6543e-06	0.0000e+00
1688	0.0000e+00	0.0000e+00	-3.1298e-04	-1.6372e-06	1.4039e-06	0.0000e+00
1689	0.0000e+00	0.0000e+00	-4.8129e-04	-5.9959e-06	1.3359e-06	0.0000e+00
1690	0.0000e+00	0.0000e+00	-4.9248e-04	-8.1600e-06	3.4203e-06	0.0000e+00
1691	0.0000e+00	0.0000e+00	-7.0884e-04	-1.7022e-06	3.2815e-06	0.0000e+00
1692	0.0000e+00	0.0000e+00	-6.8748e-04	2.6076e-06	2.6160e-06	0.0000e+00
1693	0.0000e+00	0.0000e+00	-5.4031e-04	4.1205e-06	2.0371e-06	0.0000e+00
1694	0.0000e+00	0.0000e+00	-3.8893e-04	2.9145e-06	1.5619e-06	0.0000e+00
1695	0.0000e+00	0.0000e+00	-3.4710e-04	-8.8366e-07	-1.4151e-06	0.0000e+00
1696	0.0000e+00	0.0000e+00	-5.0579e-04	-6.4272e-06	-1.6847e-06	0.0000e+00
1697	0.0000e+00	0.0000e+00	-6.0946e-04	-1.0238e-05	1.3278e-06	0.0000e+00
1698	0.0000e+00	0.0000e+00	-8.2811e-04	-2.5804e-06	1.9056e-06	0.0000e+00
1699	0.0000e+00	0.0000e+00	-7.8935e-04	2.1098e-06	2.0194e-06	0.0000e+00
1700	0.0000e+00	0.0000e+00	-6.2308e-04	3.6937e-06	1.9916e-06	0.0000e+00
1701	0.0000e+00	0.0000e+00	-4.5406e-04	2.6140e-06	2.0320e-06	0.0000e+00
1702	0.0000e+00	0.0000e+00	-3.9639e-04	-1.4430e-06	2.2930e-06	0.0000e+00
1703	0.0000e+00	0.0000e+00	-5.4408e-04	-7.9018e-06	2.9031e-06	0.0000e+00
1704	0.0000e+00	0.0000e+00	1.0340e-02	-8.6979e-05	6.0943e-06	0.0000e+00
1705	0.0000e+00	0.0000e+00	1.0182e-02	-7.9871e-05	3.0013e-06	0.0000e+00
1706	0.0000e+00	0.0000e+00	1.0211e-02	-7.3640e-05	-3.9746e-06	0.0000e+00
1707	0.0000e+00	0.0000e+00	1.0480e-02	-7.0229e-05	-9.4307e-06	0.0000e+00
1708	0.0000e+00	0.0000e+00	1.0985e-02	-6.9522e-05	-1.4754e-05	0.0000e+00
1709	0.0000e+00	0.0000e+00	1.1682e-02	-7.0646e-05	-1.8804e-05	0.0000e+00
1710	0.0000e+00	0.0000e+00	-1.0351e-02	-8.7042e-05	-5.8595e-06	0.0000e+00
1711	0.0000e+00	0.0000e+00	-1.0198e-02	-7.9944e-05	-2.6707e-06	0.0000e+00
1712	0.0000e+00	0.0000e+00	-1.0233e-02	-7.3726e-05	3.9137e-06	0.0000e+00
1713	0.0000e+00	0.0000e+00	-1.0508e-02	-7.0329e-05	9.4604e-06	0.0000e+00
1714	0.0000e+00	0.0000e+00	-1.1017e-02	-6.9634e-05	1.4778e-05	0.0000e+00
1715	0.0000e+00	0.0000e+00	-1.1719e-02	-7.0766e-05	1.8793e-05	0.0000e+00
1716	0.0000e+00	0.0000e+00	-1.0799e-02	-6.2619e-05	-2.8786e-05	0.0000e+00
1717	0.0000e+00	0.0000e+00	-9.7064e-03	-5.8562e-05	-2.5408e-05	0.0000e+00
1718	0.0000e+00	0.0000e+00	-8.8185e-03	-5.5539e-05	-2.0272e-05	0.0000e+00
1719	0.0000e+00	0.0000e+00	-8.2018e-03	-5.4408e-05	-1.4688e-05	0.0000e+00
1720	0.0000e+00	0.0000e+00	-7.8872e-03	-5.5441e-05	-1.0088e-05	0.0000e+00
1721	0.0000e+00	0.0000e+00	-7.8861e-03	-5.8908e-05	9.3417e-06	0.0000e+00
1722	0.0000e+00	0.0000e+00	-8.1960e-03	-6.5115e-05	1.3193e-05	0.0000e+00
1723	0.0000e+00	0.0000e+00	-8.7991e-03	-7.4184e-05	1.8547e-05	0.0000e+00
1724	0.0000e+00	0.0000e+00	-9.6343e-03	-8.4249e-05	2.2352e-05	0.0000e+00
1725	0.0000e+00	0.0000e+00	1.0684e-02	-6.2556e-05	2.8001e-05	0.0000e+00
1726	0.0000e+00	0.0000e+00	9.6214e-03	-5.8492e-05	2.4681e-05	0.0000e+00
1727	0.0000e+00	0.0000e+00	8.7586e-03	-5.5468e-05	1.9616e-05	0.0000e+00
1728	0.0000e+00	0.0000e+00	8.1618e-03	-5.4341e-05	1.4110e-05	0.0000e+00
1729	0.0000e+00	0.0000e+00	7.8618e-03	-5.5380e-05	9.6237e-06	0.0000e+00
1730	0.0000e+00	0.0000e+00	7.8704e-03	-5.8852e-05	-9.1172e-06	0.0000e+00
1731	0.0000e+00	0.0000e+00	8.1858e-03	-6.5064e-05	-1.3138e-05	0.0000e+00
1732	0.0000e+00	0.0000e+00	8.7914e-03	-7.4135e-05	-1.8532e-05	0.0000e+00
1733	0.0000e+00	0.0000e+00	9.6269e-03	-8.4200e-05	-2.2338e-05	0.0000e+00
1734	0.0000e+00	0.0000e+00	7.0594e-03	-6.0531e-05	-1.5043e-05	0.0000e+00
1735	0.0000e+00	0.0000e+00	4.9881e-03	-4.5451e-05	-1.3941e-05	0.0000e+00
1736	0.0000e+00	0.0000e+00	3.5275e-03	-3.2340e-05	-1.3046e-05	0.0000e+00
1737	0.0000e+00	0.0000e+00	2.6104e-03	-2.1906e-05	-1.2479e-05	0.0000e+00
1738	0.0000e+00	0.0000e+00	2.1446e-03	-1.4384e-05	-1.2203e-05	0.0000e+00
1739	0.0000e+00	0.0000e+00	1.9971e-03	-9.9139e-06	-1.2224e-05	0.0000e+00
1740	0.0000e+00	0.0000e+00	2.0210e-03	-8.2820e-06	-1.2537e-05	0.0000e+00
1741	0.0000e+00	0.0000e+00	-2.1105e-03	-9.0970e-06	-1.3063e-05	0.0000e+00
1742	0.0000e+00	0.0000e+00	-2.2202e-03	-1.2526e-05	-1.3503e-05	0.0000e+00

1743	0.0000e+00	0.0000e+00	-2.4291e-03	-6.7111e-06	-1.3965e-05	0.0000e+00
1744	0.0000e+00	0.0000e+00	-2.2919e-03	6.3598e-06	-1.2376e-05	0.0000e+00
1745	0.0000e+00	0.0000e+00	-1.9845e-03	1.3130e-05	-1.1129e-05	0.0000e+00
1746	0.0000e+00	0.0000e+00	-1.7211e-03	1.7369e-05	-1.0326e-05	0.0000e+00
1747	0.0000e+00	0.0000e+00	1.7785e-03	1.8844e-05	-9.9230e-06	0.0000e+00
1748	0.0000e+00	0.0000e+00	2.1808e-03	1.7535e-05	-9.8703e-06	0.0000e+00
1749	0.0000e+00	0.0000e+00	2.6772e-03	1.3244e-05	-1.0072e-05	0.0000e+00
1750	0.0000e+00	0.0000e+00	3.0186e-03	5.5796e-06	-1.0345e-05	0.0000e+00
1751	0.0000e+00	0.0000e+00	3.0062e-03	-5.7828e-06	-1.0371e-05	0.0000e+00
1752	0.0000e+00	0.0000e+00	7.3063e-03	-5.7541e-05	1.8851e-05	0.0000e+00
1753	0.0000e+00	0.0000e+00	5.4143e-03	-4.4647e-05	1.7192e-05	0.0000e+00
1754	0.0000e+00	0.0000e+00	3.9587e-03	-3.3836e-05	1.5196e-05	0.0000e+00
1755	0.0000e+00	0.0000e+00	2.8448e-03	-2.5595e-05	1.3290e-05	0.0000e+00
1756	0.0000e+00	0.0000e+00	1.9827e-03	-1.9743e-05	1.1576e-05	0.0000e+00
1757	0.0000e+00	0.0000e+00	1.3085e-03	-1.5718e-05	1.0111e-05	0.0000e+00
1758	0.0000e+00	0.0000e+00	7.9720e-04	-1.2900e-05	8.9750e-06	0.0000e+00
1759	0.0000e+00	0.0000e+00	-5.2371e-04	-1.1611e-05	8.3391e-06	0.0000e+00
1760	0.0000e+00	0.0000e+00	-7.1600e-04	-1.3634e-05	8.3775e-06	0.0000e+00
1761	0.0000e+00	0.0000e+00	-1.6995e-03	-5.2650e-06	6.6904e-06	0.0000e+00
1762	0.0000e+00	0.0000e+00	-1.6686e-03	6.7629e-06	-5.2416e-06	0.0000e+00
1763	0.0000e+00	0.0000e+00	-1.2620e-03	1.3858e-05	-3.9072e-06	0.0000e+00
1764	0.0000e+00	0.0000e+00	-6.9887e-04	1.8008e-05	2.8649e-06	0.0000e+00
1765	0.0000e+00	0.0000e+00	6.5106e-04	1.9320e-05	2.5936e-06	0.0000e+00
1766	0.0000e+00	0.0000e+00	1.2980e-03	1.7837e-05	3.1547e-06	0.0000e+00
1767	0.0000e+00	0.0000e+00	1.9385e-03	1.3391e-05	3.8571e-06	0.0000e+00
1768	0.0000e+00	0.0000e+00	2.3320e-03	5.7321e-06	4.1426e-06	0.0000e+00
1769	0.0000e+00	0.0000e+00	2.3043e-03	-6.5024e-06	3.9088e-06	0.0000e+00
1770	0.0000e+00	0.0000e+00	-2.2268e-03	-7.0333e-06	-4.0363e-06	0.0000e+00
1771	0.0000e+00	0.0000e+00	-2.2909e-03	4.2940e-06	-4.7573e-06	0.0000e+00
1772	0.0000e+00	0.0000e+00	-1.9348e-03	1.1959e-05	-4.4196e-06	0.0000e+00
1773	0.0000e+00	0.0000e+00	-1.3138e-03	1.6353e-05	-3.4266e-06	0.0000e+00
1774	0.0000e+00	0.0000e+00	-5.6710e-04	1.7882e-05	-2.2099e-06	0.0000e+00
1775	0.0000e+00	0.0000e+00	2.3252e-04	1.6745e-05	-1.3308e-06	0.0000e+00
1776	0.0000e+00	0.0000e+00	8.6387e-04	1.2907e-05	1.4370e-06	0.0000e+00
1777	0.0000e+00	0.0000e+00	1.2795e-03	6.1301e-06	1.7176e-06	0.0000e+00
1778	0.0000e+00	0.0000e+00	1.3286e-03	-3.7084e-06	1.4912e-06	0.0000e+00
1779	0.0000e+00	0.0000e+00	-2.2655e-03	-7.8606e-06	6.5723e-06	0.0000e+00
1780	0.0000e+00	0.0000e+00	-2.3045e-03	4.5647e-06	5.6303e-06	0.0000e+00
1781	0.0000e+00	0.0000e+00	-1.9484e-03	1.1938e-05	4.8378e-06	0.0000e+00
1782	0.0000e+00	0.0000e+00	-1.3469e-03	1.6415e-05	4.1212e-06	0.0000e+00
1783	0.0000e+00	0.0000e+00	-6.9209e-04	1.8035e-05	3.5535e-06	0.0000e+00
1784	0.0000e+00	0.0000e+00	5.5853e-04	1.6960e-05	3.2449e-06	0.0000e+00
1785	0.0000e+00	0.0000e+00	1.0592e-03	1.3162e-05	-3.2016e-06	0.0000e+00
1786	0.0000e+00	0.0000e+00	1.4542e-03	6.4216e-06	-3.2034e-06	0.0000e+00
1787	0.0000e+00	0.0000e+00	1.5093e-03	-3.3499e-06	2.9729e-06	0.0000e+00
1788	0.0000e+00	0.0000e+00	-1.5072e-03	-3.3467e-06	-2.9779e-06	0.0000e+00
1789	0.0000e+00	0.0000e+00	-1.4521e-03	6.4245e-06	3.2065e-06	0.0000e+00
1790	0.0000e+00	0.0000e+00	-1.0571e-03	1.3166e-05	3.2057e-06	0.0000e+00
1791	0.0000e+00	0.0000e+00	-5.5788e-04	1.6966e-05	-3.2522e-06	0.0000e+00
1792	0.0000e+00	0.0000e+00	6.9513e-04	1.8043e-05	-3.5646e-06	0.0000e+00
1793	0.0000e+00	0.0000e+00	1.3507e-03	1.6424e-05	-4.1352e-06	0.0000e+00
1794	0.0000e+00	0.0000e+00	1.9527e-03	1.1949e-05	-4.8534e-06	0.0000e+00
1795	0.0000e+00	0.0000e+00	2.3093e-03	4.5767e-06	-5.6458e-06	0.0000e+00
1796	0.0000e+00	0.0000e+00	2.2708e-03	-7.8515e-06	-6.5857e-06	0.0000e+00
1797	0.0000e+00	0.0000e+00	-1.2836e-03	-3.7341e-06	-1.1460e-06	0.0000e+00
1798	0.0000e+00	0.0000e+00	-1.2366e-03	6.1053e-06	-1.3710e-06	0.0000e+00
1799	0.0000e+00	0.0000e+00	-8.2221e-04	1.2904e-05	-1.1260e-06	0.0000e+00
1800	0.0000e+00	0.0000e+00	-1.9738e-04	1.6768e-05	1.2072e-06	0.0000e+00
1801	0.0000e+00	0.0000e+00	6.1100e-04	1.7935e-05	2.2630e-06	0.0000e+00
1802	0.0000e+00	0.0000e+00	1.3610e-03	1.6435e-05	3.5335e-06	0.0000e+00
1803	0.0000e+00	0.0000e+00	1.9862e-03	1.2067e-05	4.5379e-06	0.0000e+00
1804	0.0000e+00	0.0000e+00	2.3474e-03	4.4203e-06	4.8566e-06	0.0000e+00
1805	0.0000e+00	0.0000e+00	2.2891e-03	-6.9086e-06	4.0550e-06	0.0000e+00
1806	0.0000e+00	0.0000e+00	-2.2568e-03	-6.6174e-06	-3.6938e-06	0.0000e+00
1807	0.0000e+00	0.0000e+00	-2.2977e-03	5.2242e-06	-3.9766e-06	0.0000e+00
1808	0.0000e+00	0.0000e+00	-1.9187e-03	1.2946e-05	-3.7651e-06	0.0000e+00
1809	0.0000e+00	0.0000e+00	-1.2907e-03	1.7396e-05	-3.1381e-06	0.0000e+00
1810	0.0000e+00	0.0000e+00	-6.3922e-04	1.8887e-05	-2.6542e-06	0.0000e+00
1811	0.0000e+00	0.0000e+00	6.4471e-04	1.7600e-05	-2.9801e-06	0.0000e+00
1812	0.0000e+00	0.0000e+00	1.1908e-03	1.3507e-05	4.0700e-06	0.0000e+00
1813	0.0000e+00	0.0000e+00	1.5827e-03	6.5964e-06	5.5024e-06	0.0000e+00
1814	0.0000e+00	0.0000e+00	1.6015e-03	-5.7678e-06	-7.1260e-06	0.0000e+00

1815	0.0000e+00	0.0000e+00	6.4099e-04	-1.3664e-05	-8.9433e-06	0.0000e+00
1816	0.0000e+00	0.0000e+00	-5.7848e-04	-1.1602e-05	-8.9836e-06	0.0000e+00
1817	0.0000e+00	0.0000e+00	-9.3747e-04	-1.2909e-05	-9.6675e-06	0.0000e+00
1818	0.0000e+00	0.0000e+00	-1.4754e-03	-1.5771e-05	-1.0834e-05	0.0000e+00
1819	0.0000e+00	0.0000e+00	-2.1627e-03	-1.9847e-05	-1.2324e-05	0.0000e+00
1820	0.0000e+00	0.0000e+00	-3.0341e-03	-2.5744e-05	-1.4062e-05	0.0000e+00
1821	0.0000e+00	0.0000e+00	-4.1550e-03	-3.4012e-05	-1.5993e-05	0.0000e+00
1822	0.0000e+00	0.0000e+00	-5.6142e-03	-4.4827e-05	-1.8018e-05	0.0000e+00
1823	0.0000e+00	0.0000e+00	-7.5059e-03	-5.7700e-05	-1.9718e-05	0.0000e+00
1824	0.0000e+00	0.0000e+00	-3.0075e-03	-5.8056e-06	1.0427e-05	0.0000e+00
1825	0.0000e+00	0.0000e+00	-3.0228e-03	5.5612e-06	1.0409e-05	0.0000e+00
1826	0.0000e+00	0.0000e+00	-2.6865e-03	1.3222e-05	1.0148e-05	0.0000e+00
1827	0.0000e+00	0.0000e+00	-2.1987e-03	1.7514e-05	9.9593e-06	0.0000e+00
1828	0.0000e+00	0.0000e+00	-1.8087e-03	1.8826e-05	1.0025e-05	0.0000e+00
1829	0.0000e+00	0.0000e+00	1.7607e-03	1.7354e-05	1.0437e-05	0.0000e+00
1830	0.0000e+00	0.0000e+00	2.0258e-03	1.3119e-05	1.1244e-05	0.0000e+00
1831	0.0000e+00	0.0000e+00	2.3328e-03	6.3593e-06	1.2488e-05	0.0000e+00
1832	0.0000e+00	0.0000e+00	2.4707e-03	-6.7367e-06	1.4066e-05	0.0000e+00
1833	0.0000e+00	0.0000e+00	2.2566e-03	-1.2650e-05	1.3556e-05	0.0000e+00
1834	0.0000e+00	0.0000e+00	2.1356e-03	-9.3401e-06	1.3090e-05	0.0000e+00
1835	0.0000e+00	0.0000e+00	-2.0321e-03	-8.6203e-06	1.2536e-05	0.0000e+00
1836	0.0000e+00	0.0000e+00	-1.9946e-03	-1.0260e-05	1.2198e-05	0.0000e+00
1837	0.0000e+00	0.0000e+00	-2.1338e-03	-1.4676e-05	1.2156e-05	0.0000e+00
1838	0.0000e+00	0.0000e+00	-2.6003e-03	-2.2145e-05	1.2418e-05	0.0000e+00
1839	0.0000e+00	0.0000e+00	-3.5256e-03	-3.2543e-05	1.2976e-05	0.0000e+00
1840	0.0000e+00	0.0000e+00	-4.9972e-03	-4.5631e-05	1.3866e-05	0.0000e+00
1841	0.0000e+00	0.0000e+00	-7.0791e-03	-6.0695e-05	1.4966e-05	0.0000e+00
1842	0.0000e+00	0.0000e+00	1.9242e-03	-1.5989e-05	-1.0717e-05	0.0000e+00
1843	0.0000e+00	0.0000e+00	1.4933e-03	-1.1332e-05	-9.4171e-06	0.0000e+00
1844	0.0000e+00	0.0000e+00	1.2321e-03	-8.7257e-06	-8.4247e-06	0.0000e+00
1845	0.0000e+00	0.0000e+00	-1.0850e-03	-8.6211e-06	7.8286e-06	0.0000e+00
1846	0.0000e+00	0.0000e+00	-1.0625e-03	-1.1090e-05	7.5245e-06	0.0000e+00
1847	0.0000e+00	0.0000e+00	-1.2730e-03	-1.5826e-05	7.4286e-06	0.0000e+00
1848	0.0000e+00	0.0000e+00	1.0925e-03	-1.4526e-05	4.3522e-06	0.0000e+00
1849	0.0000e+00	0.0000e+00	6.2069e-04	-9.7637e-06	3.5658e-06	0.0000e+00
1850	0.0000e+00	0.0000e+00	3.2287e-04	-7.3066e-06	3.1744e-06	0.0000e+00
1851	0.0000e+00	0.0000e+00	-2.2354e-04	-7.4652e-06	-3.2247e-06	0.0000e+00
1852	0.0000e+00	0.0000e+00	-4.6549e-04	-1.0241e-05	-3.7785e-06	0.0000e+00
1853	0.0000e+00	0.0000e+00	-9.5167e-04	-1.5283e-05	-4.7733e-06	0.0000e+00
1854	0.0000e+00	0.0000e+00	1.2786e-03	-1.5816e-05	-7.4507e-06	0.0000e+00
1855	0.0000e+00	0.0000e+00	1.0669e-03	-1.1082e-05	-7.5472e-06	0.0000e+00
1856	0.0000e+00	0.0000e+00	1.0879e-03	-8.6174e-06	-7.8527e-06	0.0000e+00
1857	0.0000e+00	0.0000e+00	-1.2340e-03	-8.7271e-06	8.4515e-06	0.0000e+00
1858	0.0000e+00	0.0000e+00	-1.4945e-03	-1.1338e-05	9.4468e-06	0.0000e+00
1859	0.0000e+00	0.0000e+00	-1.9247e-03	-1.6001e-05	1.0750e-05	0.0000e+00
1860	0.0000e+00	0.0000e+00	1.0254e-03	-1.5236e-05	4.8095e-06	0.0000e+00
1861	0.0000e+00	0.0000e+00	5.4687e-04	-1.0205e-05	3.7235e-06	0.0000e+00
1862	0.0000e+00	0.0000e+00	2.9489e-04	-7.4385e-06	3.0732e-06	0.0000e+00
1863	0.0000e+00	0.0000e+00	-3.1861e-04	-7.2949e-06	-2.9368e-06	0.0000e+00
1864	0.0000e+00	0.0000e+00	-5.7886e-04	-9.7801e-06	-3.2640e-06	0.0000e+00
1865	0.0000e+00	0.0000e+00	-1.0380e-03	-1.4591e-05	-4.0333e-06	0.0000e+00
1866	0.0000e+00	0.0000e+00	4.7387e-04	-6.8659e-06	2.4737e-06	0.0000e+00
1867	0.0000e+00	0.0000e+00	3.2449e-04	3.9230e-07	1.7083e-06	0.0000e+00
1868	0.0000e+00	0.0000e+00	4.1384e-04	4.3489e-06	1.4863e-06	0.0000e+00
1869	0.0000e+00	0.0000e+00	6.2408e-04	5.5481e-06	1.5667e-06	0.0000e+00
1870	0.0000e+00	0.0000e+00	8.2418e-04	3.7386e-06	1.6076e-06	0.0000e+00
1871	0.0000e+00	0.0000e+00	8.7607e-04	-1.3054e-06	1.1785e-06	0.0000e+00
1872	0.0000e+00	0.0000e+00	6.3637e-04	-9.4693e-06	-4.2866e-07	0.0000e+00
1873	0.0000e+00	0.0000e+00	-5.9553e-04	-9.4986e-06	5.0416e-07	0.0000e+00
1874	0.0000e+00	0.0000e+00	-8.3596e-04	-1.3290e-06	-9.1644e-07	0.0000e+00
1875	0.0000e+00	0.0000e+00	-7.8399e-04	3.7330e-06	-1.3480e-06	0.0000e+00
1876	0.0000e+00	0.0000e+00	-5.8245e-04	5.5565e-06	-1.2844e-06	0.0000e+00
1877	0.0000e+00	0.0000e+00	-3.6865e-04	4.3705e-06	-1.1699e-06	0.0000e+00
1878	0.0000e+00	0.0000e+00	-2.7479e-04	3.7675e-07	-1.3673e-06	0.0000e+00
1879	0.0000e+00	0.0000e+00	-4.2399e-04	-6.8251e-06	-2.1226e-06	0.0000e+00
1880	0.0000e+00	0.0000e+00	6.8785e-04	-7.4513e-06	-3.8507e-06	0.0000e+00
1881	0.0000e+00	0.0000e+00	5.0643e-04	-1.3137e-06	-2.7767e-06	0.0000e+00
1882	0.0000e+00	0.0000e+00	5.4294e-04	3.7686e-06	-2.1924e-06	0.0000e+00
1883	0.0000e+00	0.0000e+00	7.0366e-04	4.9134e-06	-1.8802e-06	0.0000e+00
1884	0.0000e+00	0.0000e+00	8.6424e-04	3.1904e-06	-1.5757e-06	0.0000e+00
1885	0.0000e+00	0.0000e+00	8.8446e-04	-2.0719e-06	-9.3821e-07	0.0000e+00
1886	0.0000e+00	0.0000e+00	6.2080e-04	-9.8914e-06	6.3934e-07	0.0000e+00

1887	0.0000e+00	0.0000e+00	-6.1925e-04	-9.8896e-06	-6.4088e-07	0.0000e+00
1888	0.0000e+00	0.0000e+00	-8.8284e-04	-2.0714e-06	9.3667e-07	0.0000e+00
1889	0.0000e+00	0.0000e+00	-8.6258e-04	3.1938e-06	1.5735e-06	0.0000e+00
1890	0.0000e+00	0.0000e+00	-7.0202e-04	4.9170e-06	1.8783e-06	0.0000e+00
1891	0.0000e+00	0.0000e+00	-5.4147e-04	3.7725e-06	2.1915e-06	0.0000e+00
1892	0.0000e+00	0.0000e+00	-5.0518e-04	-1.3151e-06	2.7763e-06	0.0000e+00
1893	0.0000e+00	0.0000e+00	-6.8641e-04	-7.4492e-06	3.8500e-06	0.0000e+00
2124	4.9898e-05	4.6998e-01	0.0000e+00	0.0000e+00	0.0000e+00	-3.1814e-05

SPOSTAMENTI NODALI "Dinamica SLVh X" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	2.5757e-02	-5.8855e-05	1.8444e-04	0.0000e+00
2	0.0000e+00	0.0000e+00	1.4403e-02	-4.4745e-06	2.7136e-04	0.0000e+00
3	0.0000e+00	0.0000e+00	1.7338e-02	1.3135e-05	2.9511e-04	0.0000e+00
4	0.0000e+00	0.0000e+00	1.7642e-02	-1.0614e-05	2.9690e-04	0.0000e+00
5	0.0000e+00	0.0000e+00	1.6658e-02	6.7682e-06	2.8703e-04	0.0000e+00
6	0.0000e+00	0.0000e+00	1.7824e-02	2.2277e-07	2.9541e-04	0.0000e+00
7	0.0000e+00	0.0000e+00	1.6641e-02	-6.7589e-06	2.8701e-04	0.0000e+00
8	0.0000e+00	0.0000e+00	1.7613e-02	1.0615e-05	2.9688e-04	0.0000e+00
9	0.0000e+00	0.0000e+00	1.7300e-02	-1.3142e-05	2.9509e-04	0.0000e+00
10	0.0000e+00	0.0000e+00	1.4337e-02	4.5100e-06	2.7130e-04	0.0000e+00
11	0.0000e+00	0.0000e+00	2.5710e-02	5.8921e-05	1.8430e-04	0.0000e+00
12	0.0000e+00	0.0000e+00	3.1670e-03	3.0685e-06	9.2761e-05	0.0000e+00
13	0.0000e+00	0.0000e+00	4.4971e-03	1.0392e-06	2.2301e-04	0.0000e+00
14	0.0000e+00	0.0000e+00	5.0339e-03	4.1095e-06	2.2746e-04	0.0000e+00
15	0.0000e+00	0.0000e+00	5.0380e-03	-3.9378e-06	2.2739e-04	0.0000e+00
16	0.0000e+00	0.0000e+00	4.6662e-03	1.4529e-06	2.2271e-04	0.0000e+00
17	0.0000e+00	0.0000e+00	4.6964e-03	5.3202e-08	2.2513e-04	0.0000e+00
18	0.0000e+00	0.0000e+00	4.6684e-03	-1.2394e-06	2.2272e-04	0.0000e+00
19	0.0000e+00	0.0000e+00	5.0342e-03	4.1585e-06	2.2743e-04	0.0000e+00
20	0.0000e+00	0.0000e+00	5.0382e-03	-3.8901e-06	2.2750e-04	0.0000e+00
21	0.0000e+00	0.0000e+00	4.4970e-03	-8.2533e-07	2.2307e-04	0.0000e+00
22	0.0000e+00	0.0000e+00	3.1802e-03	-3.5042e-06	9.2778e-05	0.0000e+00
23	0.0000e+00	0.0000e+00	-3.1455e-02	6.0563e-05	2.2139e-04	0.0000e+00
24	0.0000e+00	0.0000e+00	-2.1036e-02	2.9996e-06	3.2102e-04	0.0000e+00
25	0.0000e+00	0.0000e+00	-2.5222e-02	-1.8091e-05	3.5311e-04	0.0000e+00
26	0.0000e+00	0.0000e+00	-2.5426e-02	1.6337e-05	3.5460e-04	0.0000e+00
27	0.0000e+00	0.0000e+00	-2.2581e-02	-3.3255e-06	3.3283e-04	0.0000e+00
28	0.0000e+00	0.0000e+00	-2.1804e-02	3.2500e-08	3.0337e-04	0.0000e+00
29	0.0000e+00	0.0000e+00	-2.2579e-02	3.3720e-06	3.3285e-04	0.0000e+00
30	0.0000e+00	0.0000e+00	-2.5435e-02	-1.6277e-05	3.5466e-04	0.0000e+00
31	0.0000e+00	0.0000e+00	-2.5221e-02	1.8173e-05	3.5317e-04	0.0000e+00
32	0.0000e+00	0.0000e+00	-2.1035e-02	-2.9344e-06	3.2109e-04	0.0000e+00
33	0.0000e+00	0.0000e+00	-3.1456e-02	-6.0444e-05	2.2147e-04	0.0000e+00
67	0.0000e+00	0.0000e+00	3.3032e-02	-6.0255e-05	1.4719e-04	0.0000e+00
68	0.0000e+00	0.0000e+00	2.4443e-02	-3.7709e-06	2.0243e-04	0.0000e+00
69	0.0000e+00	0.0000e+00	2.8393e-02	1.8829e-05	2.2444e-04	0.0000e+00
70	0.0000e+00	0.0000e+00	2.8772e-02	-1.5858e-05	2.2634e-04	0.0000e+00
71	0.0000e+00	0.0000e+00	2.7343e-02	9.1681e-06	2.1761e-04	0.0000e+00
72	0.0000e+00	0.0000e+00	2.8872e-02	2.7139e-07	2.2530e-04	0.0000e+00
73	0.0000e+00	0.0000e+00	2.7327e-02	-9.1700e-06	2.1754e-04	0.0000e+00
74	0.0000e+00	0.0000e+00	2.8742e-02	1.5859e-05	2.2622e-04	0.0000e+00
75	0.0000e+00	0.0000e+00	2.8356e-02	-1.8844e-05	2.2427e-04	0.0000e+00
76	0.0000e+00	0.0000e+00	2.4378e-02	3.7964e-06	2.0214e-04	0.0000e+00
77	0.0000e+00	0.0000e+00	3.2974e-02	6.0339e-05	1.4683e-04	0.0000e+00
78	0.0000e+00	0.0000e+00	-4.0695e-02	6.5649e-05	2.0064e-04	0.0000e+00
79	0.0000e+00	0.0000e+00	-3.3311e-02	1.9277e-06	2.5844e-04	0.0000e+00
80	0.0000e+00	0.0000e+00	-3.8982e-02	-2.6534e-05	2.9173e-04	0.0000e+00
81	0.0000e+00	0.0000e+00	-3.9254e-02	2.4218e-05	2.9325e-04	0.0000e+00
82	0.0000e+00	0.0000e+00	-3.5410e-02	-4.8191e-06	2.7018e-04	0.0000e+00
83	0.0000e+00	0.0000e+00	-3.3718e-02	4.3881e-08	2.5272e-04	0.0000e+00
84	0.0000e+00	0.0000e+00	-3.5409e-02	4.8471e-06	2.7019e-04	0.0000e+00
85	0.0000e+00	0.0000e+00	-3.9265e-02	-2.4176e-05	2.9330e-04	0.0000e+00
86	0.0000e+00	0.0000e+00	-3.8983e-02	2.6600e-05	2.9177e-04	0.0000e+00
87	0.0000e+00	0.0000e+00	-3.3313e-02	-1.8555e-06	2.5849e-04	0.0000e+00
88	0.0000e+00	0.0000e+00	-4.0700e-02	-6.5550e-05	2.0071e-04	0.0000e+00
89	0.0000e+00	0.0000e+00	2.8123e-02	-4.9367e-05	1.6785e-04	0.0000e+00
90	0.0000e+00	0.0000e+00	3.2127e-03	2.4970e-06	8.3443e-05	0.0000e+00
91	0.0000e+00	0.0000e+00	-3.3870e-02	5.0379e-05	2.0936e-04	0.0000e+00
92	0.0000e+00	0.0000e+00	3.5492e-02	-4.7929e-05	1.5787e-04	0.0000e+00
93	0.0000e+00	0.0000e+00	-4.3247e-02	4.8807e-05	2.0457e-04	0.0000e+00

94	0.0000e+00	0.0000e+00	-4.3246e-02	-4.8700e-05	2.0465e-04	0.0000e+00
95	0.0000e+00	0.0000e+00	2.8080e-02	4.9430e-05	1.6768e-04	0.0000e+00
96	0.0000e+00	0.0000e+00	3.2383e-03	-2.9011e-06	8.3447e-05	0.0000e+00
97	0.0000e+00	0.0000e+00	-3.3867e-02	-5.0271e-05	2.0944e-04	0.0000e+00
98	0.0000e+00	0.0000e+00	3.5439e-02	4.8005e-05	1.5762e-04	0.0000e+00
99	0.0000e+00	0.0000e+00	1.8917e-02	-5.3310e-05	1.3718e-04	0.0000e+00
100	0.0000e+00	0.0000e+00	1.6844e-02	-5.0354e-05	1.2987e-04	0.0000e+00
101	0.0000e+00	0.0000e+00	2.3287e-02	-5.9869e-05	1.6327e-04	0.0000e+00
102	0.0000e+00	0.0000e+00	1.4865e-02	-4.8017e-05	1.2423e-04	0.0000e+00
103	0.0000e+00	0.0000e+00	2.0905e-02	-5.5405e-05	1.5112e-04	0.0000e+00
104	0.0000e+00	0.0000e+00	1.3039e-02	-4.3080e-05	1.1897e-04	0.0000e+00
105	0.0000e+00	0.0000e+00	1.8807e-02	-4.7316e-05	1.4417e-04	0.0000e+00
106	0.0000e+00	0.0000e+00	1.1456e-02	-3.6500e-05	1.1591e-04	0.0000e+00
107	0.0000e+00	0.0000e+00	1.7100e-02	-3.7258e-05	1.4187e-04	0.0000e+00
108	0.0000e+00	0.0000e+00	1.0153e-02	-2.9790e-05	1.1557e-04	0.0000e+00
109	0.0000e+00	0.0000e+00	1.5834e-02	-2.6655e-05	1.4423e-04	0.0000e+00
110	0.0000e+00	0.0000e+00	9.1164e-03	-2.4291e-05	1.1817e-04	0.0000e+00
111	0.0000e+00	0.0000e+00	1.5005e-02	-1.6775e-05	1.5170e-04	0.0000e+00
112	0.0000e+00	0.0000e+00	8.2832e-03	-2.1109e-05	1.2357e-04	0.0000e+00
113	0.0000e+00	0.0000e+00	1.4563e-02	-8.8278e-06	1.6516e-04	0.0000e+00
114	0.0000e+00	0.0000e+00	7.5577e-03	-2.0867e-05	1.3069e-04	0.0000e+00
115	0.0000e+00	0.0000e+00	1.4417e-02	-4.0866e-06	1.8622e-04	0.0000e+00
116	0.0000e+00	0.0000e+00	6.8550e-03	-2.1463e-05	1.3474e-04	0.0000e+00
117	0.0000e+00	0.0000e+00	1.4432e-02	-2.6195e-06	2.1766e-04	0.0000e+00
118	0.0000e+00	0.0000e+00	6.4076e-03	-4.6603e-06	1.3351e-04	0.0000e+00
119	0.0000e+00	0.0000e+00	1.3929e-02	-4.8431e-05	9.6585e-05	0.0000e+00
120	0.0000e+00	0.0000e+00	1.2027e-02	-4.6437e-05	9.1107e-05	0.0000e+00
121	0.0000e+00	0.0000e+00	1.0230e-02	-4.3187e-05	8.8454e-05	0.0000e+00
122	0.0000e+00	0.0000e+00	8.5874e-03	-3.8904e-05	8.5062e-05	0.0000e+00
123	0.0000e+00	0.0000e+00	7.1404e-03	-3.3954e-05	8.2004e-05	0.0000e+00
124	0.0000e+00	0.0000e+00	5.9061e-03	-2.9228e-05	7.9683e-05	0.0000e+00
125	0.0000e+00	0.0000e+00	4.8685e-03	-2.5582e-05	7.8148e-05	0.0000e+00
126	0.0000e+00	0.0000e+00	3.9923e-03	-2.3337e-05	7.6956e-05	0.0000e+00
127	0.0000e+00	0.0000e+00	3.2570e-03	-2.1452e-05	7.5050e-05	0.0000e+00
128	0.0000e+00	0.0000e+00	-2.7083e-03	-1.6296e-05	7.1108e-05	0.0000e+00
129	0.0000e+00	0.0000e+00	-2.4484e-03	-4.4902e-06	6.8350e-05	0.0000e+00
130	0.0000e+00	0.0000e+00	1.0580e-02	-4.4466e-05	6.2490e-05	0.0000e+00
131	0.0000e+00	0.0000e+00	8.8086e-03	-4.3766e-05	5.6898e-05	0.0000e+00
132	0.0000e+00	0.0000e+00	7.1257e-03	-4.0252e-05	5.4799e-05	0.0000e+00
133	0.0000e+00	0.0000e+00	5.6115e-03	-3.5581e-05	5.2048e-05	0.0000e+00
134	0.0000e+00	0.0000e+00	4.3010e-03	-3.0545e-05	4.8880e-05	0.0000e+00
135	0.0000e+00	0.0000e+00	3.2034e-03	-2.5849e-05	4.5274e-05	0.0000e+00
136	0.0000e+00	0.0000e+00	2.3111e-03	-2.2018e-05	4.1224e-05	0.0000e+00
137	0.0000e+00	0.0000e+00	1.6256e-03	-1.9035e-05	3.6670e-05	0.0000e+00
138	0.0000e+00	0.0000e+00	-1.2033e-03	-1.5928e-05	3.1766e-05	0.0000e+00
139	0.0000e+00	0.0000e+00	-1.1036e-03	-1.1048e-05	2.7454e-05	0.0000e+00
140	0.0000e+00	0.0000e+00	-1.1583e-03	-3.9883e-06	2.5458e-05	0.0000e+00
141	0.0000e+00	0.0000e+00	8.5989e-03	-4.0842e-05	3.6104e-05	0.0000e+00
142	0.0000e+00	0.0000e+00	6.9498e-03	-4.1105e-05	3.0304e-05	0.0000e+00
143	0.0000e+00	0.0000e+00	5.3683e-03	-3.7669e-05	2.8172e-05	0.0000e+00
144	0.0000e+00	0.0000e+00	3.9655e-03	-3.2406e-05	2.5497e-05	0.0000e+00
145	0.0000e+00	0.0000e+00	2.7921e-03	-2.6476e-05	2.2274e-05	0.0000e+00
146	0.0000e+00	0.0000e+00	1.8612e-03	-2.0743e-05	1.8375e-05	0.0000e+00
147	0.0000e+00	0.0000e+00	1.1621e-03	-1.5811e-05	-1.4323e-05	0.0000e+00
148	0.0000e+00	0.0000e+00	6.8532e-04	-1.1918e-05	-1.1949e-05	0.0000e+00
149	0.0000e+00	0.0000e+00	-4.6921e-04	-8.8317e-06	-1.3542e-05	0.0000e+00
150	0.0000e+00	0.0000e+00	-5.0754e-04	-6.0185e-06	-1.7243e-05	0.0000e+00
151	0.0000e+00	0.0000e+00	-6.0719e-04	-3.2579e-06	-1.9384e-05	0.0000e+00
152	0.0000e+00	0.0000e+00	7.6675e-03	-3.7213e-05	-1.8866e-05	0.0000e+00
153	0.0000e+00	0.0000e+00	6.1433e-03	-3.8432e-05	-1.3924e-05	0.0000e+00
154	0.0000e+00	0.0000e+00	4.6625e-03	-3.5155e-05	-1.2037e-05	0.0000e+00
155	0.0000e+00	0.0000e+00	3.3709e-03	-2.9200e-05	-1.0118e-05	0.0000e+00
156	0.0000e+00	0.0000e+00	2.3458e-03	-2.2010e-05	-8.9069e-06	0.0000e+00
157	0.0000e+00	0.0000e+00	1.6131e-03	-1.4739e-05	-1.0021e-05	0.0000e+00
158	0.0000e+00	0.0000e+00	1.1575e-03	-8.3104e-06	-1.4529e-05	0.0000e+00
159	0.0000e+00	0.0000e+00	9.2972e-04	-3.5118e-06	-2.1499e-05	0.0000e+00
160	0.0000e+00	0.0000e+00	8.5137e-04	-9.6021e-07	-2.9304e-05	0.0000e+00
161	0.0000e+00	0.0000e+00	8.2654e-04	-7.7892e-07	-3.5815e-05	0.0000e+00
162	0.0000e+00	0.0000e+00	7.6686e-04	-2.4371e-06	-3.8848e-05	0.0000e+00
163	0.0000e+00	0.0000e+00	7.4065e-03	-3.3269e-05	-1.0969e-05	0.0000e+00
164	0.0000e+00	0.0000e+00	6.0148e-03	-3.5813e-05	-9.3738e-06	0.0000e+00
165	0.0000e+00	0.0000e+00	4.6359e-03	-3.2724e-05	-8.9203e-06	0.0000e+00

166	0.0000e+00	0.0000e+00	3.4605e-03	-2.5992e-05	-9.6263e-06	0.0000e+00
167	0.0000e+00	0.0000e+00	2.5980e-03	-1.7423e-05	-1.1930e-05	0.0000e+00
168	0.0000e+00	0.0000e+00	2.0925e-03	-8.4716e-06	-1.6170e-05	0.0000e+00
169	0.0000e+00	0.0000e+00	1.9347e-03	1.2854e-06	-2.2391e-05	0.0000e+00
170	0.0000e+00	0.0000e+00	2.0648e-03	6.0689e-06	-3.0475e-05	0.0000e+00
171	0.0000e+00	0.0000e+00	2.3656e-03	8.2892e-06	-3.9652e-05	0.0000e+00
172	0.0000e+00	0.0000e+00	2.6575e-03	5.4448e-06	-4.7758e-05	0.0000e+00
173	0.0000e+00	0.0000e+00	2.7438e-03	-1.6052e-06	-5.1584e-05	0.0000e+00
174	0.0000e+00	0.0000e+00	7.3639e-03	-2.8584e-05	-9.2305e-06	0.0000e+00
175	0.0000e+00	0.0000e+00	6.1202e-03	-3.3089e-05	-6.4394e-06	0.0000e+00
176	0.0000e+00	0.0000e+00	4.8490e-03	-3.0134e-05	-6.5502e-06	0.0000e+00
177	0.0000e+00	0.0000e+00	3.7977e-03	-2.2608e-05	-8.3472e-06	0.0000e+00
178	0.0000e+00	0.0000e+00	3.0975e-03	-1.2912e-05	-1.1459e-05	0.0000e+00
179	0.0000e+00	0.0000e+00	2.8011e-03	-2.7765e-06	-1.5661e-05	0.0000e+00
180	0.0000e+00	0.0000e+00	2.9106e-03	7.7298e-06	-2.1081e-05	0.0000e+00
181	0.0000e+00	0.0000e+00	3.3827e-03	1.5802e-05	-2.8323e-05	0.0000e+00
182	0.0000e+00	0.0000e+00	4.0936e-03	1.9099e-05	-3.7899e-05	0.0000e+00
183	0.0000e+00	0.0000e+00	4.7785e-03	1.3667e-05	-4.8286e-05	0.0000e+00
184	0.0000e+00	0.0000e+00	5.0554e-03	-8.0075e-07	-5.3701e-05	0.0000e+00
185	0.0000e+00	0.0000e+00	7.0283e-03	-2.2495e-05	2.0185e-05	0.0000e+00
186	0.0000e+00	0.0000e+00	5.9720e-03	-2.9578e-05	9.9715e-06	0.0000e+00
187	0.0000e+00	0.0000e+00	4.8504e-03	-2.6309e-05	6.2611e-06	0.0000e+00
188	0.0000e+00	0.0000e+00	3.9684e-03	-1.8262e-05	-2.0587e-06	0.0000e+00
189	0.0000e+00	0.0000e+00	3.4456e-03	-8.4596e-06	-4.1227e-06	0.0000e+00
190	0.0000e+00	0.0000e+00	3.3250e-03	2.4037e-06	-7.5904e-06	0.0000e+00
191	0.0000e+00	0.0000e+00	3.6220e-03	1.2978e-05	-1.0471e-05	0.0000e+00
192	0.0000e+00	0.0000e+00	4.3347e-03	2.3304e-05	-1.3685e-05	0.0000e+00
193	0.0000e+00	0.0000e+00	5.4024e-03	3.0414e-05	-1.9484e-05	0.0000e+00
194	0.0000e+00	0.0000e+00	6.5684e-03	2.5670e-05	-3.1525e-05	0.0000e+00
195	0.0000e+00	0.0000e+00	7.1267e-03	-8.1282e-08	-4.0032e-05	0.0000e+00
196	0.0000e+00	0.0000e+00	5.8341e-03	-1.4067e-05	4.7515e-05	0.0000e+00
197	0.0000e+00	0.0000e+00	5.0657e-03	-2.3176e-05	3.2387e-05	0.0000e+00
198	0.0000e+00	0.0000e+00	4.2451e-03	-1.8531e-05	2.3044e-05	0.0000e+00
199	0.0000e+00	0.0000e+00	3.6609e-03	-1.1479e-05	1.3894e-05	0.0000e+00
200	0.0000e+00	0.0000e+00	3.3681e-03	-3.7683e-06	7.7170e-06	0.0000e+00
201	0.0000e+00	0.0000e+00	3.3858e-03	4.5224e-06	4.8845e-06	0.0000e+00
202	0.0000e+00	0.0000e+00	3.7288e-03	1.3126e-05	5.6818e-06	0.0000e+00
203	0.0000e+00	0.0000e+00	4.4221e-03	2.2689e-05	1.0126e-05	0.0000e+00
204	0.0000e+00	0.0000e+00	5.5045e-03	3.3664e-05	1.7413e-05	0.0000e+00
205	0.0000e+00	0.0000e+00	7.0052e-03	4.3946e-05	1.7232e-05	0.0000e+00
206	0.0000e+00	0.0000e+00	7.9460e-03	6.7497e-07	7.3604e-06	0.0000e+00
207	0.0000e+00	0.0000e+00	3.0129e-03	-5.0854e-06	5.8247e-05	0.0000e+00
208	0.0000e+00	0.0000e+00	2.8444e-03	-4.0297e-06	4.0575e-05	0.0000e+00
209	0.0000e+00	0.0000e+00	2.7451e-03	-1.6493e-06	2.7639e-05	0.0000e+00
210	0.0000e+00	0.0000e+00	2.7551e-03	1.7689e-06	1.9995e-05	0.0000e+00
211	0.0000e+00	0.0000e+00	2.8884e-03	4.8670e-06	1.7312e-05	0.0000e+00
212	0.0000e+00	0.0000e+00	3.1403e-03	7.6942e-06	2.0188e-05	0.0000e+00
213	0.0000e+00	0.0000e+00	3.4886e-03	9.7238e-06	3.0383e-05	0.0000e+00
214	0.0000e+00	0.0000e+00	3.8903e-03	1.0368e-05	5.2750e-05	0.0000e+00
215	0.0000e+00	0.0000e+00	4.2729e-03	8.7207e-06	9.2558e-05	0.0000e+00
216	0.0000e+00	0.0000e+00	6.5474e-03	1.1591e-05	1.3520e-04	0.0000e+00
217	0.0000e+00	0.0000e+00	1.4055e-02	-8.4153e-06	2.1496e-04	0.0000e+00
218	0.0000e+00	0.0000e+00	6.8609e-03	8.1903e-06	1.2965e-04	0.0000e+00
219	0.0000e+00	0.0000e+00	1.3616e-02	-8.1509e-06	1.8361e-04	0.0000e+00
220	0.0000e+00	0.0000e+00	7.0740e-03	5.3307e-06	1.2226e-04	0.0000e+00
221	0.0000e+00	0.0000e+00	1.3284e-02	-4.6377e-06	1.6467e-04	0.0000e+00
222	0.0000e+00	0.0000e+00	7.2564e-03	4.5583e-06	1.1791e-04	0.0000e+00
223	0.0000e+00	0.0000e+00	1.3173e-02	-1.0988e-06	1.5500e-04	0.0000e+00
224	0.0000e+00	0.0000e+00	7.4720e-03	5.5327e-06	1.1766e-04	0.0000e+00
225	0.0000e+00	0.0000e+00	1.3349e-02	7.5003e-06	1.5331e-04	0.0000e+00
226	0.0000e+00	0.0000e+00	7.7398e-03	-6.8848e-06	1.2170e-04	0.0000e+00
227	0.0000e+00	0.0000e+00	1.3828e-02	1.3850e-05	1.5928e-04	0.0000e+00
228	0.0000e+00	0.0000e+00	8.0271e-03	-7.4719e-06	1.2986e-04	0.0000e+00
229	0.0000e+00	0.0000e+00	1.4580e-02	1.8916e-05	1.7332e-04	0.0000e+00
230	0.0000e+00	0.0000e+00	8.2518e-03	-7.5603e-06	1.4114e-04	0.0000e+00
231	0.0000e+00	0.0000e+00	1.5525e-02	2.1442e-05	1.9684e-04	0.0000e+00
232	0.0000e+00	0.0000e+00	8.3160e-03	-9.3465e-06	1.5080e-04	0.0000e+00
233	0.0000e+00	0.0000e+00	1.6523e-02	1.9985e-05	2.3316e-04	0.0000e+00
234	0.0000e+00	0.0000e+00	8.4425e-03	8.2169e-06	1.5361e-04	0.0000e+00
235	0.0000e+00	0.0000e+00	-2.4758e-03	7.4174e-06	7.0823e-05	0.0000e+00
236	0.0000e+00	0.0000e+00	2.6938e-03	9.7998e-06	7.4194e-05	0.0000e+00
237	0.0000e+00	0.0000e+00	2.9466e-03	7.8062e-06	7.5061e-05	0.0000e+00



238	0.0000e+00	0.0000e+00	3.1696e-03	5.3996e-06	7.5411e-05	0.0000e+00
239	0.0000e+00	0.0000e+00	3.3567e-03	3.8361e-06	7.6406e-05	0.0000e+00
240	0.0000e+00	0.0000e+00	3.5081e-03	-3.7158e-06	7.8374e-05	0.0000e+00
241	0.0000e+00	0.0000e+00	3.6084e-03	-5.2803e-06	8.0950e-05	0.0000e+00
242	0.0000e+00	0.0000e+00	3.6412e-03	-7.5526e-06	8.2936e-05	0.0000e+00
243	0.0000e+00	0.0000e+00	-3.6413e-03	-7.0526e-06	8.2309e-05	0.0000e+00
244	0.0000e+00	0.0000e+00	-3.7548e-03	-4.8910e-06	8.2274e-05	0.0000e+00
245	0.0000e+00	0.0000e+00	-1.1451e-03	3.0498e-06	2.6804e-05	0.0000e+00
246	0.0000e+00	0.0000e+00	-1.0675e-03	5.7870e-06	3.0469e-05	0.0000e+00
247	0.0000e+00	0.0000e+00	-1.0361e-03	5.3367e-06	3.4146e-05	0.0000e+00
248	0.0000e+00	0.0000e+00	-1.0750e-03	3.8283e-06	3.6847e-05	0.0000e+00
249	0.0000e+00	0.0000e+00	-1.1576e-03	2.5734e-06	3.8448e-05	0.0000e+00
250	0.0000e+00	0.0000e+00	-1.2611e-03	-2.5209e-06	3.8948e-05	0.0000e+00
251	0.0000e+00	0.0000e+00	-1.3732e-03	-3.7262e-06	3.8256e-05	0.0000e+00
252	0.0000e+00	0.0000e+00	-1.4934e-03	-4.7669e-06	3.6379e-05	0.0000e+00
253	0.0000e+00	0.0000e+00	-1.6252e-03	-3.8819e-06	3.4120e-05	0.0000e+00
254	0.0000e+00	0.0000e+00	-1.7531e-03	-3.3199e-06	3.3577e-05	0.0000e+00
255	0.0000e+00	0.0000e+00	-6.6029e-04	-9.1605e-07	-1.8068e-05	0.0000e+00
256	0.0000e+00	0.0000e+00	-6.5554e-04	5.0124e-07	-1.4516e-05	0.0000e+00
257	0.0000e+00	0.0000e+00	-6.3016e-04	7.3362e-07	-1.2054e-05	0.0000e+00
258	0.0000e+00	0.0000e+00	-6.0607e-04	1.0676e-06	-1.1948e-05	0.0000e+00
259	0.0000e+00	0.0000e+00	-5.9100e-04	1.7271e-06	-1.2651e-05	0.0000e+00
260	0.0000e+00	0.0000e+00	-5.9537e-04	2.3920e-06	-1.3029e-05	0.0000e+00
261	0.0000e+00	0.0000e+00	-6.3322e-04	-2.7745e-06	-1.3650e-05	0.0000e+00
262	0.0000e+00	0.0000e+00	-7.0437e-04	-2.8521e-06	-1.5895e-05	0.0000e+00
263	0.0000e+00	0.0000e+00	-7.8980e-04	-2.8567e-06	-1.9462e-05	0.0000e+00
264	0.0000e+00	0.0000e+00	-8.7043e-04	3.1316e-06	-2.1940e-05	0.0000e+00
265	0.0000e+00	0.0000e+00	6.0597e-04	-4.7648e-06	-3.6981e-05	0.0000e+00
266	0.0000e+00	0.0000e+00	3.6628e-04	-5.7860e-06	-3.1237e-05	0.0000e+00
267	0.0000e+00	0.0000e+00	1.2480e-04	-4.8414e-06	-2.4824e-05	0.0000e+00
268	0.0000e+00	0.0000e+00	-3.3405e-05	-2.3095e-06	-2.0217e-05	0.0000e+00
269	0.0000e+00	0.0000e+00	-6.4762e-05	1.2347e-06	-1.8559e-05	0.0000e+00
270	0.0000e+00	0.0000e+00	7.8188e-05	4.5879e-06	-2.0103e-05	0.0000e+00
271	0.0000e+00	0.0000e+00	3.3534e-04	7.1834e-06	-2.4666e-05	0.0000e+00
272	0.0000e+00	0.0000e+00	6.7959e-04	8.1470e-06	-3.1339e-05	0.0000e+00
273	0.0000e+00	0.0000e+00	1.0215e-03	7.0109e-06	-3.7986e-05	0.0000e+00
274	0.0000e+00	0.0000e+00	1.2740e-03	4.2709e-06	-4.1828e-05	0.0000e+00
275	0.0000e+00	0.0000e+00	2.4874e-03	-9.6811e-06	-4.8787e-05	0.0000e+00
276	0.0000e+00	0.0000e+00	1.9708e-03	-1.3071e-05	-4.1280e-05	0.0000e+00
277	0.0000e+00	0.0000e+00	1.4305e-03	-1.1157e-05	-3.3665e-05	0.0000e+00
278	0.0000e+00	0.0000e+00	1.0584e-03	-5.8416e-06	-2.8559e-05	0.0000e+00
279	0.0000e+00	0.0000e+00	9.5043e-04	1.0107e-06	-2.6794e-05	0.0000e+00
280	0.0000e+00	0.0000e+00	1.1359e-03	7.8749e-06	-2.8528e-05	0.0000e+00
281	0.0000e+00	0.0000e+00	1.6007e-03	1.3502e-05	-3.3734e-05	0.0000e+00
282	0.0000e+00	0.0000e+00	2.2548e-03	1.5927e-05	-4.1760e-05	0.0000e+00
283	0.0000e+00	0.0000e+00	2.9117e-03	1.3231e-05	-5.0243e-05	0.0000e+00
284	0.0000e+00	0.0000e+00	3.3403e-03	5.9526e-06	-5.4952e-05	0.0000e+00
285	0.0000e+00	0.0000e+00	4.6446e-03	-1.6841e-05	-4.8993e-05	0.0000e+00
286	0.0000e+00	0.0000e+00	3.7596e-03	-2.1873e-05	-3.9006e-05	0.0000e+00
287	0.0000e+00	0.0000e+00	2.8815e-03	-1.7621e-05	-3.1267e-05	0.0000e+00
288	0.0000e+00	0.0000e+00	2.2989e-03	-9.0505e-06	-2.7081e-05	0.0000e+00
289	0.0000e+00	0.0000e+00	2.1221e-03	9.4042e-07	-2.5792e-05	0.0000e+00
290	0.0000e+00	0.0000e+00	2.3798e-03	1.1072e-05	-2.7074e-05	0.0000e+00
291	0.0000e+00	0.0000e+00	3.0594e-03	2.0141e-05	-3.1338e-05	0.0000e+00
292	0.0000e+00	0.0000e+00	4.0654e-03	2.5265e-05	-3.9345e-05	0.0000e+00
293	0.0000e+00	0.0000e+00	5.1255e-03	2.1530e-05	-4.9943e-05	0.0000e+00
294	0.0000e+00	0.0000e+00	5.7773e-03	7.2405e-06	-5.5873e-05	0.0000e+00
295	0.0000e+00	0.0000e+00	6.4555e-03	-2.7896e-05	-3.1806e-05	0.0000e+00
296	0.0000e+00	0.0000e+00	5.1168e-03	-3.0572e-05	-2.0632e-05	0.0000e+00
297	0.0000e+00	0.0000e+00	3.9740e-03	-2.1796e-05	-1.7402e-05	0.0000e+00
298	0.0000e+00	0.0000e+00	3.2750e-03	-1.0605e-05	-1.6906e-05	0.0000e+00
299	0.0000e+00	0.0000e+00	3.0662e-03	8.9656e-07	-1.6903e-05	0.0000e+00
300	0.0000e+00	0.0000e+00	3.3552e-03	1.2585e-05	-1.6781e-05	0.0000e+00
301	0.0000e+00	0.0000e+00	4.1517e-03	2.4356e-05	-1.7172e-05	0.0000e+00
302	0.0000e+00	0.0000e+00	5.4271e-03	3.4156e-05	-2.0334e-05	0.0000e+00
303	0.0000e+00	0.0000e+00	6.9546e-03	3.3046e-05	-3.1489e-05	0.0000e+00
304	0.0000e+00	0.0000e+00	7.8968e-03	7.4758e-06	-3.9829e-05	0.0000e+00
305	0.0000e+00	0.0000e+00	6.8856e-03	-4.3494e-05	1.7830e-05	0.0000e+00
306	0.0000e+00	0.0000e+00	5.3209e-03	-3.0513e-05	1.3458e-05	0.0000e+00
307	0.0000e+00	0.0000e+00	4.2746e-03	-1.8887e-05	3.9396e-06	0.0000e+00
308	0.0000e+00	0.0000e+00	3.6854e-03	-8.7508e-06	-2.4977e-06	0.0000e+00
309	0.0000e+00	0.0000e+00	3.5152e-03	7.8419e-07	-4.1845e-06	0.0000e+00

310	0.0000e+00	0.0000e+00	3.7565e-03	1.0506e-05	-2.1789e-06	0.0000e+00
311	0.0000e+00	0.0000e+00	4.4331e-03	2.1206e-05	4.6051e-06	0.0000e+00
312	0.0000e+00	0.0000e+00	5.6005e-03	3.3805e-05	1.4618e-05	0.0000e+00
313	0.0000e+00	0.0000e+00	7.3390e-03	4.8222e-05	1.9634e-05	0.0000e+00
314	0.0000e+00	0.0000e+00	8.6504e-03	6.2031e-06	1.0144e-05	0.0000e+00
315	0.0000e+00	0.0000e+00	4.3305e-03	-6.8364e-06	8.5186e-05	0.0000e+00
316	0.0000e+00	0.0000e+00	3.9999e-03	-8.0184e-06	4.3247e-05	0.0000e+00
317	0.0000e+00	0.0000e+00	3.6792e-03	-6.4732e-06	2.1342e-05	0.0000e+00
318	0.0000e+00	0.0000e+00	3.4615e-03	-3.3690e-06	1.1232e-05	0.0000e+00
319	0.0000e+00	0.0000e+00	3.3984e-03	5.4035e-07	8.4514e-06	0.0000e+00
320	0.0000e+00	0.0000e+00	3.5110e-03	4.6222e-06	1.1889e-05	0.0000e+00
321	0.0000e+00	0.0000e+00	3.7926e-03	8.2227e-06	2.2712e-05	0.0000e+00
322	0.0000e+00	0.0000e+00	4.2063e-03	1.0599e-05	4.5436e-05	0.0000e+00
323	0.0000e+00	0.0000e+00	4.6737e-03	1.0572e-05	8.8395e-05	0.0000e+00
324	0.0000e+00	0.0000e+00	8.6821e-03	-6.3498e-06	1.5547e-04	0.0000e+00
325	0.0000e+00	0.0000e+00	8.6383e-03	9.2977e-06	1.5332e-04	0.0000e+00
326	0.0000e+00	0.0000e+00	1.6939e-02	-1.7108e-05	2.3577e-04	0.0000e+00
327	0.0000e+00	0.0000e+00	8.6667e-03	6.1290e-06	1.4442e-04	0.0000e+00
328	0.0000e+00	0.0000e+00	1.6072e-02	-1.8063e-05	2.0036e-04	0.0000e+00
329	0.0000e+00	0.0000e+00	8.5554e-03	4.5471e-06	1.3403e-04	0.0000e+00
330	0.0000e+00	0.0000e+00	1.5284e-02	-1.4946e-05	1.7785e-04	0.0000e+00
331	0.0000e+00	0.0000e+00	8.4062e-03	-3.1167e-06	1.2690e-04	0.0000e+00
332	0.0000e+00	0.0000e+00	1.4716e-02	-9.2931e-06	1.6493e-04	0.0000e+00
333	0.0000e+00	0.0000e+00	8.3023e-03	-1.9898e-06	1.2402e-04	0.0000e+00
334	0.0000e+00	0.0000e+00	1.4450e-02	-2.8176e-06	1.6022e-04	0.0000e+00
335	0.0000e+00	0.0000e+00	8.2742e-03	-3.4930e-06	1.2556e-04	0.0000e+00
336	0.0000e+00	0.0000e+00	1.4512e-02	-5.1535e-06	1.6331e-04	0.0000e+00
337	0.0000e+00	0.0000e+00	8.2964e-03	-5.7766e-06	1.3133e-04	0.0000e+00
338	0.0000e+00	0.0000e+00	1.4878e-02	1.0693e-05	1.7453e-04	0.0000e+00
339	0.0000e+00	0.0000e+00	8.2921e-03	-8.5333e-06	1.4029e-04	0.0000e+00
340	0.0000e+00	0.0000e+00	1.5467e-02	1.3819e-05	1.9521e-04	0.0000e+00
341	0.0000e+00	0.0000e+00	8.1678e-03	-1.1960e-05	1.4769e-04	0.0000e+00
342	0.0000e+00	0.0000e+00	1.6138e-02	1.2969e-05	2.2855e-04	0.0000e+00
343	0.0000e+00	0.0000e+00	8.1303e-03	4.5568e-06	1.4784e-04	0.0000e+00
344	0.0000e+00	0.0000e+00	-3.9244e-03	-3.6312e-06	8.3980e-05	0.0000e+00
345	0.0000e+00	0.0000e+00	-3.8688e-03	7.1164e-06	8.4578e-05	0.0000e+00
346	0.0000e+00	0.0000e+00	3.9336e-03	7.6974e-06	8.5810e-05	0.0000e+00
347	0.0000e+00	0.0000e+00	3.9807e-03	4.8686e-06	8.4543e-05	0.0000e+00
348	0.0000e+00	0.0000e+00	3.9806e-03	1.8347e-06	8.2810e-05	0.0000e+00
349	0.0000e+00	0.0000e+00	3.9518e-03	-1.3242e-06	8.1810e-05	0.0000e+00
350	0.0000e+00	0.0000e+00	3.9090e-03	-4.0926e-06	8.1903e-05	0.0000e+00
351	0.0000e+00	0.0000e+00	3.8467e-03	-7.1323e-06	8.2753e-05	0.0000e+00
352	0.0000e+00	0.0000e+00	-3.7563e-03	-9.7298e-06	8.3191e-05	0.0000e+00
353	0.0000e+00	0.0000e+00	-3.6724e-03	-8.5213e-06	8.1237e-05	0.0000e+00
354	0.0000e+00	0.0000e+00	-3.7089e-03	-2.9465e-06	8.0034e-05	0.0000e+00
355	0.0000e+00	0.0000e+00	-1.8420e-03	2.6256e-06	3.5118e-05	0.0000e+00
356	0.0000e+00	0.0000e+00	-1.7439e-03	3.7150e-06	3.6136e-05	0.0000e+00
357	0.0000e+00	0.0000e+00	-1.6524e-03	4.7711e-06	3.8866e-05	0.0000e+00
358	0.0000e+00	0.0000e+00	-1.5864e-03	3.5052e-06	4.1280e-05	0.0000e+00
359	0.0000e+00	0.0000e+00	-1.5430e-03	1.4499e-06	4.2618e-05	0.0000e+00
360	0.0000e+00	0.0000e+00	-1.5215e-03	-8.7759e-07	4.2890e-05	0.0000e+00
361	0.0000e+00	0.0000e+00	-1.5268e-03	-2.9736e-06	4.2189e-05	0.0000e+00
362	0.0000e+00	0.0000e+00	-1.5648e-03	-4.9932e-06	4.0513e-05	0.0000e+00
363	0.0000e+00	0.0000e+00	-1.6427e-03	-6.0672e-06	3.7947e-05	0.0000e+00
364	0.0000e+00	0.0000e+00	-1.7530e-03	-4.5019e-06	3.5318e-05	0.0000e+00
365	0.0000e+00	0.0000e+00	-1.8455e-03	-2.0313e-06	-3.4529e-05	0.0000e+00
366	0.0000e+00	0.0000e+00	-9.0375e-04	-2.8779e-06	-2.2395e-05	0.0000e+00
367	0.0000e+00	0.0000e+00	-8.3269e-04	2.4679e-06	-2.0138e-05	0.0000e+00
368	0.0000e+00	0.0000e+00	-7.5671e-04	2.2971e-06	-1.7076e-05	0.0000e+00
369	0.0000e+00	0.0000e+00	-6.9367e-04	1.9825e-06	-1.5592e-05	0.0000e+00
370	0.0000e+00	0.0000e+00	-6.6041e-04	-1.3503e-06	-1.5721e-05	0.0000e+00
371	0.0000e+00	0.0000e+00	-6.6014e-04	-6.4265e-07	-1.6001e-05	0.0000e+00
372	0.0000e+00	0.0000e+00	-6.8795e-04	-9.4897e-07	-1.5816e-05	0.0000e+00
373	0.0000e+00	0.0000e+00	-7.4047e-04	-1.5558e-06	-1.5916e-05	0.0000e+00
374	0.0000e+00	0.0000e+00	-8.1110e-04	-1.8006e-06	-1.7661e-05	0.0000e+00
375	0.0000e+00	0.0000e+00	-8.8138e-04	-1.6150e-06	-2.0704e-05	0.0000e+00
376	0.0000e+00	0.0000e+00	-9.2674e-04	1.6835e-06	-2.2547e-05	0.0000e+00
377	0.0000e+00	0.0000e+00	1.2666e-03	-4.2573e-06	-4.1767e-05	0.0000e+00
378	0.0000e+00	0.0000e+00	1.0166e-03	-6.9160e-06	-3.7879e-05	0.0000e+00
379	0.0000e+00	0.0000e+00	6.8146e-04	-7.9479e-06	-3.1198e-05	0.0000e+00
380	0.0000e+00	0.0000e+00	3.4996e-04	-6.8578e-06	-2.4530e-05	0.0000e+00
381	0.0000e+00	0.0000e+00	1.1601e-04	-4.1188e-06	-2.0015e-05	0.0000e+00

382	0.0000e+00	0.0000e+00	-6.5466e-05	-5.7591e-07	-1.8497e-05	0.0000e+00
383	0.0000e+00	0.0000e+00	-8.3441e-05	2.9162e-06	-2.0069e-05	0.0000e+00
384	0.0000e+00	0.0000e+00	2.4735e-04	5.4696e-06	-2.4543e-05	0.0000e+00
385	0.0000e+00	0.0000e+00	5.0863e-04	6.2686e-06	-3.0978e-05	0.0000e+00
386	0.0000e+00	0.0000e+00	7.6109e-04	4.8752e-06	-3.7119e-05	0.0000e+00
387	0.0000e+00	0.0000e+00	9.1311e-04	1.8749e-06	-4.0041e-05	0.0000e+00
388	0.0000e+00	0.0000e+00	3.3277e-03	-6.0182e-06	-5.4944e-05	0.0000e+00
389	0.0000e+00	0.0000e+00	2.8987e-03	-1.3240e-05	-5.0205e-05	0.0000e+00
390	0.0000e+00	0.0000e+00	2.2443e-03	-1.5873e-05	-4.1673e-05	0.0000e+00
391	0.0000e+00	0.0000e+00	1.5964e-03	-1.3365e-05	-3.3582e-05	0.0000e+00
392	0.0000e+00	0.0000e+00	1.1413e-03	-7.6325e-06	-2.8301e-05	0.0000e+00
393	0.0000e+00	0.0000e+00	9.6707e-04	-6.0980e-07	-2.6488e-05	0.0000e+00
394	0.0000e+00	0.0000e+00	1.0884e-03	6.3158e-06	-2.8189e-05	0.0000e+00
395	0.0000e+00	0.0000e+00	1.4802e-03	1.1754e-05	-3.3293e-05	0.0000e+00
396	0.0000e+00	0.0000e+00	2.0470e-03	1.3764e-05	-4.1065e-05	0.0000e+00
397	0.0000e+00	0.0000e+00	2.5942e-03	1.0431e-05	-4.9035e-05	0.0000e+00
398	0.0000e+00	0.0000e+00	2.8822e-03	2.3462e-06	-5.2872e-05	0.0000e+00
399	0.0000e+00	0.0000e+00	5.7664e-03	-7.3097e-06	-5.5955e-05	0.0000e+00
400	0.0000e+00	0.0000e+00	5.1138e-03	-2.1570e-05	-5.0032e-05	0.0000e+00
401	0.0000e+00	0.0000e+00	4.0544e-03	-2.5275e-05	-3.9410e-05	0.0000e+00
402	0.0000e+00	0.0000e+00	3.0518e-03	-2.0098e-05	-3.1352e-05	0.0000e+00
403	0.0000e+00	0.0000e+00	2.3788e-03	-1.0942e-05	-2.7018e-05	0.0000e+00
404	0.0000e+00	0.0000e+00	2.1303e-03	-6.7622e-07	-2.5660e-05	0.0000e+00
405	0.0000e+00	0.0000e+00	2.3195e-03	9.4742e-06	-2.6891e-05	0.0000e+00
406	0.0000e+00	0.0000e+00	2.9220e-03	1.8269e-05	-3.1077e-05	0.0000e+00
407	0.0000e+00	0.0000e+00	3.8318e-03	2.2814e-05	-3.8933e-05	0.0000e+00
408	0.0000e+00	0.0000e+00	4.7645e-03	1.8186e-05	-4.9231e-05	0.0000e+00
409	0.0000e+00	0.0000e+00	5.2446e-03	2.7111e-06	-5.4711e-05	0.0000e+00
410	0.0000e+00	0.0000e+00	7.8906e-03	-7.5077e-06	-3.9964e-05	0.0000e+00
411	0.0000e+00	0.0000e+00	6.9483e-03	-3.3081e-05	-3.1657e-05	0.0000e+00
412	0.0000e+00	0.0000e+00	5.4207e-03	-3.4198e-05	-2.0490e-05	0.0000e+00
413	0.0000e+00	0.0000e+00	4.1463e-03	-2.4374e-05	-1.7283e-05	0.0000e+00
414	0.0000e+00	0.0000e+00	3.3530e-03	-1.2533e-05	-1.6823e-05	0.0000e+00
415	0.0000e+00	0.0000e+00	3.0700e-03	-7.2056e-07	-1.6864e-05	0.0000e+00
416	0.0000e+00	0.0000e+00	3.2895e-03	1.0977e-05	-1.6788e-05	0.0000e+00
417	0.0000e+00	0.0000e+00	4.0083e-03	2.2459e-05	-1.7235e-05	0.0000e+00
418	0.0000e+00	0.0000e+00	5.1863e-03	3.1652e-05	-2.0490e-05	0.0000e+00
419	0.0000e+00	0.0000e+00	6.5820e-03	2.9527e-05	-3.1766e-05	0.0000e+00
420	0.0000e+00	0.0000e+00	7.3441e-03	2.7112e-06	-4.0246e-05	0.0000e+00
421	0.0000e+00	0.0000e+00	8.6498e-03	-6.1718e-06	1.0024e-05	0.0000e+00
422	0.0000e+00	0.0000e+00	7.3399e-03	-4.8251e-05	1.9465e-05	0.0000e+00
423	0.0000e+00	0.0000e+00	5.6004e-03	-3.3883e-05	1.4485e-05	0.0000e+00
424	0.0000e+00	0.0000e+00	4.4314e-03	-2.1284e-05	4.5576e-06	0.0000e+00
425	0.0000e+00	0.0000e+00	3.7541e-03	-1.0535e-05	-2.2685e-06	0.0000e+00
426	0.0000e+00	0.0000e+00	3.5147e-03	-7.0307e-07	-4.1391e-06	0.0000e+00
427	0.0000e+00	0.0000e+00	3.6920e-03	9.0316e-06	-2.3877e-06	0.0000e+00
428	0.0000e+00	0.0000e+00	4.2983e-03	1.9485e-05	4.2872e-06	0.0000e+00
429	0.0000e+00	0.0000e+00	5.3787e-03	3.1589e-05	1.3887e-05	0.0000e+00
430	0.0000e+00	0.0000e+00	7.0022e-03	4.5214e-05	1.8408e-05	0.0000e+00
431	0.0000e+00	0.0000e+00	8.1685e-03	2.2338e-06	7.0122e-06	0.0000e+00
432	0.0000e+00	0.0000e+00	4.6799e-03	-1.0634e-05	8.8348e-05	0.0000e+00
433	0.0000e+00	0.0000e+00	4.2094e-03	-1.0732e-05	4.5440e-05	0.0000e+00
434	0.0000e+00	0.0000e+00	3.7906e-03	-8.3808e-06	2.2805e-05	0.0000e+00
435	0.0000e+00	0.0000e+00	3.5035e-03	-4.7588e-06	1.2116e-05	0.0000e+00
436	0.0000e+00	0.0000e+00	3.3871e-03	-5.9201e-07	8.8419e-06	0.0000e+00
437	0.0000e+00	0.0000e+00	3.4514e-03	3.5024e-06	1.1780e-05	0.0000e+00
438	0.0000e+00	0.0000e+00	3.6801e-03	6.9159e-06	2.2061e-05	0.0000e+00
439	0.0000e+00	0.0000e+00	4.0286e-03	8.9352e-06	4.4153e-05	0.0000e+00
440	0.0000e+00	0.0000e+00	4.4122e-03	8.4239e-06	8.6463e-05	0.0000e+00
441	0.0000e+00	0.0000e+00	8.1109e-03	-4.5611e-06	1.4778e-04	0.0000e+00
442	0.0000e+00	0.0000e+00	8.1498e-03	1.1968e-05	1.4764e-04	0.0000e+00
443	0.0000e+00	0.0000e+00	1.6122e-02	-1.2964e-05	2.2852e-04	0.0000e+00
444	0.0000e+00	0.0000e+00	8.2760e-03	8.5171e-06	1.4024e-04	0.0000e+00
445	0.0000e+00	0.0000e+00	1.5451e-02	-1.3823e-05	1.9518e-04	0.0000e+00
446	0.0000e+00	0.0000e+00	8.2813e-03	5.7594e-06	1.3127e-04	0.0000e+00
447	0.0000e+00	0.0000e+00	1.4863e-02	-1.0712e-05	1.7449e-04	0.0000e+00
448	0.0000e+00	0.0000e+00	8.2591e-03	3.4898e-06	1.2550e-04	0.0000e+00
449	0.0000e+00	0.0000e+00	1.4496e-02	5.1938e-06	1.6325e-04	0.0000e+00
450	0.0000e+00	0.0000e+00	8.2861e-03	1.9740e-06	1.2395e-04	0.0000e+00
451	0.0000e+00	0.0000e+00	1.4432e-02	2.8092e-06	1.6016e-04	0.0000e+00
452	0.0000e+00	0.0000e+00	8.3880e-03	3.0523e-06	1.2682e-04	0.0000e+00
453	0.0000e+00	0.0000e+00	1.4696e-02	9.2453e-06	1.6487e-04	0.0000e+00

454	0.0000e+00	0.0000e+00	8.5344e-03	-4.4455e-06	1.3394e-04	0.0000e+00
455	0.0000e+00	0.0000e+00	1.5261e-02	1.4888e-05	1.7778e-04	0.0000e+00
456	0.0000e+00	0.0000e+00	8.6422e-03	-6.0096e-06	1.4432e-04	0.0000e+00
457	0.0000e+00	0.0000e+00	1.6047e-02	1.8006e-05	2.0030e-04	0.0000e+00
458	0.0000e+00	0.0000e+00	8.6096e-03	-9.1946e-06	1.5321e-04	0.0000e+00
459	0.0000e+00	0.0000e+00	1.6911e-02	1.7069e-05	2.3571e-04	0.0000e+00
460	0.0000e+00	0.0000e+00	8.6501e-03	6.3152e-06	1.5537e-04	0.0000e+00
461	0.0000e+00	0.0000e+00	-3.6887e-03	2.9510e-06	7.9943e-05	0.0000e+00
462	0.0000e+00	0.0000e+00	-3.6531e-03	8.5255e-06	8.1153e-05	0.0000e+00
463	0.0000e+00	0.0000e+00	-3.7394e-03	9.7181e-06	8.3116e-05	0.0000e+00
464	0.0000e+00	0.0000e+00	3.8318e-03	7.1117e-06	8.2680e-05	0.0000e+00
465	0.0000e+00	0.0000e+00	3.8949e-03	4.0734e-06	8.1827e-05	0.0000e+00
466	0.0000e+00	0.0000e+00	3.9372e-03	1.3062e-06	8.1728e-05	0.0000e+00
467	0.0000e+00	0.0000e+00	3.9644e-03	-1.8087e-06	8.2719e-05	0.0000e+00
468	0.0000e+00	0.0000e+00	3.9618e-03	-4.8358e-06	8.4439e-05	0.0000e+00
469	0.0000e+00	0.0000e+00	3.9109e-03	-7.6535e-06	8.5689e-05	0.0000e+00
470	0.0000e+00	0.0000e+00	-3.8415e-03	-7.0523e-06	8.4436e-05	0.0000e+00
471	0.0000e+00	0.0000e+00	-3.8933e-03	3.5834e-06	8.3824e-05	0.0000e+00
472	0.0000e+00	0.0000e+00	-1.8299e-03	2.0303e-06	-3.4392e-05	0.0000e+00
473	0.0000e+00	0.0000e+00	-1.7375e-03	4.5001e-06	3.5186e-05	0.0000e+00
474	0.0000e+00	0.0000e+00	-1.6282e-03	6.0549e-06	3.7832e-05	0.0000e+00
475	0.0000e+00	0.0000e+00	-1.5517e-03	4.9732e-06	4.0411e-05	0.0000e+00
476	0.0000e+00	0.0000e+00	-1.5147e-03	2.9526e-06	4.2093e-05	0.0000e+00
477	0.0000e+00	0.0000e+00	-1.5095e-03	8.5825e-07	4.2791e-05	0.0000e+00
478	0.0000e+00	0.0000e+00	-1.5302e-03	-1.4447e-06	4.2508e-05	0.0000e+00
479	0.0000e+00	0.0000e+00	-1.5719e-03	-3.4905e-06	4.1151e-05	0.0000e+00
480	0.0000e+00	0.0000e+00	-1.6357e-03	-4.7426e-06	3.8705e-05	0.0000e+00
481	0.0000e+00	0.0000e+00	-1.7246e-03	-3.6654e-06	3.5934e-05	0.0000e+00
482	0.0000e+00	0.0000e+00	-1.8200e-03	2.5924e-06	3.4884e-05	0.0000e+00
483	0.0000e+00	0.0000e+00	-9.1839e-04	-1.6759e-06	-2.2435e-05	0.0000e+00
484	0.0000e+00	0.0000e+00	-8.7336e-04	1.6013e-06	-2.0582e-05	0.0000e+00
485	0.0000e+00	0.0000e+00	-8.0381e-04	1.7808e-06	-1.7525e-05	0.0000e+00
486	0.0000e+00	0.0000e+00	-7.3418e-04	1.5351e-06	-1.5774e-05	0.0000e+00
487	0.0000e+00	0.0000e+00	-6.8269e-04	9.3013e-07	-1.5677e-05	0.0000e+00
488	0.0000e+00	0.0000e+00	-6.5563e-04	6.2279e-07	-1.5862e-05	0.0000e+00
489	0.0000e+00	0.0000e+00	-6.5606e-04	1.3341e-06	-1.5568e-05	0.0000e+00
490	0.0000e+00	0.0000e+00	-6.8876e-04	-1.9635e-06	-1.5418e-05	0.0000e+00
491	0.0000e+00	0.0000e+00	-7.5062e-04	-2.2752e-06	-1.6890e-05	0.0000e+00
492	0.0000e+00	0.0000e+00	-8.2504e-04	-2.4492e-06	-1.9954e-05	0.0000e+00
493	0.0000e+00	0.0000e+00	-8.9436e-04	2.8731e-06	-2.2204e-05	0.0000e+00
494	0.0000e+00	0.0000e+00	9.1331e-04	-1.8633e-06	-4.0016e-05	0.0000e+00
495	0.0000e+00	0.0000e+00	7.6173e-04	-4.8676e-06	-3.7095e-05	0.0000e+00
496	0.0000e+00	0.0000e+00	5.0940e-04	-6.2689e-06	-3.0952e-05	0.0000e+00
497	0.0000e+00	0.0000e+00	2.4780e-04	-5.4785e-06	-2.4510e-05	0.0000e+00
498	0.0000e+00	0.0000e+00	-8.3196e-05	-2.9315e-06	-2.0027e-05	0.0000e+00
499	0.0000e+00	0.0000e+00	-6.5737e-05	5.5526e-07	-1.8448e-05	0.0000e+00
500	0.0000e+00	0.0000e+00	1.1536e-04	4.1015e-06	-1.9963e-05	0.0000e+00
501	0.0000e+00	0.0000e+00	3.4826e-04	6.8464e-06	-2.4480e-05	0.0000e+00
502	0.0000e+00	0.0000e+00	6.7933e-04	7.9452e-06	-3.1151e-05	0.0000e+00
503	0.0000e+00	0.0000e+00	1.0145e-03	6.9219e-06	-3.7834e-05	0.0000e+00
504	0.0000e+00	0.0000e+00	1.2649e-03	4.2680e-06	-4.1722e-05	0.0000e+00
505	0.0000e+00	0.0000e+00	2.8836e-03	-2.3298e-06	-5.2871e-05	0.0000e+00
506	0.0000e+00	0.0000e+00	2.5961e-03	-1.0422e-05	-4.9041e-05	0.0000e+00
507	0.0000e+00	0.0000e+00	2.0488e-03	-1.3767e-05	-4.1072e-05	0.0000e+00
508	0.0000e+00	0.0000e+00	1.4814e-03	-1.1768e-05	-3.3296e-05	0.0000e+00
509	0.0000e+00	0.0000e+00	1.0884e-03	-6.3380e-06	-2.8186e-05	0.0000e+00
510	0.0000e+00	0.0000e+00	9.6575e-04	5.8558e-07	-2.6478e-05	0.0000e+00
511	0.0000e+00	0.0000e+00	1.1390e-03	7.6108e-06	-2.8285e-05	0.0000e+00
512	0.0000e+00	0.0000e+00	1.5935e-03	1.3352e-05	-3.3562e-05	0.0000e+00
513	0.0000e+00	0.0000e+00	2.2413e-03	1.5872e-05	-4.1652e-05	0.0000e+00
514	0.0000e+00	0.0000e+00	2.8961e-03	1.3252e-05	-5.0187e-05	0.0000e+00
515	0.0000e+00	0.0000e+00	3.3259e-03	6.0372e-06	-5.4931e-05	0.0000e+00
516	0.0000e+00	0.0000e+00	5.2461e-03	-2.6844e-06	-5.4718e-05	0.0000e+00
517	0.0000e+00	0.0000e+00	4.7669e-03	-1.8172e-05	-4.9251e-05	0.0000e+00
518	0.0000e+00	0.0000e+00	3.8344e-03	-2.2818e-05	-3.8955e-05	0.0000e+00
519	0.0000e+00	0.0000e+00	2.9237e-03	-1.8289e-05	-3.1094e-05	0.0000e+00
520	0.0000e+00	0.0000e+00	2.3198e-03	-9.5044e-06	-2.6900e-05	0.0000e+00
521	0.0000e+00	0.0000e+00	2.1289e-03	6.4464e-07	-2.5659e-05	0.0000e+00
522	0.0000e+00	0.0000e+00	2.3760e-03	1.0913e-05	-2.7008e-05	0.0000e+00
523	0.0000e+00	0.0000e+00	3.0482e-03	2.0079e-05	-3.1334e-05	0.0000e+00
524	0.0000e+00	0.0000e+00	4.0505e-03	2.5273e-05	-3.9388e-05	0.0000e+00
525	0.0000e+00	0.0000e+00	5.1104e-03	2.1589e-05	-5.0013e-05	0.0000e+00

526	0.0000e+00	0.0000e+00	5.7642e-03	7.3398e-06	-5.5949e-05	0.0000e+00
527	0.0000e+00	0.0000e+00	7.3460e-03	-2.6635e-06	-4.0255e-05	0.0000e+00
528	0.0000e+00	0.0000e+00	6.5854e-03	-2.9504e-05	-3.1796e-05	0.0000e+00
529	0.0000e+00	0.0000e+00	5.1900e-03	-3.1660e-05	-2.0519e-05	0.0000e+00
530	0.0000e+00	0.0000e+00	4.0109e-03	-2.2488e-05	-1.7255e-05	0.0000e+00
531	0.0000e+00	0.0000e+00	3.2903e-03	-1.1017e-05	-1.6799e-05	0.0000e+00
532	0.0000e+00	0.0000e+00	3.0688e-03	6.7910e-07	-1.6864e-05	0.0000e+00
533	0.0000e+00	0.0000e+00	3.3500e-03	1.2494e-05	-1.6814e-05	0.0000e+00
534	0.0000e+00	0.0000e+00	4.1419e-03	2.4346e-05	-1.7262e-05	0.0000e+00
535	0.0000e+00	0.0000e+00	5.4157e-03	3.4194e-05	-2.0459e-05	0.0000e+00
536	0.0000e+00	0.0000e+00	6.9439e-03	3.3110e-05	-3.1626e-05	0.0000e+00
537	0.0000e+00	0.0000e+00	7.8882e-03	7.5586e-06	-3.9956e-05	0.0000e+00
538	0.0000e+00	0.0000e+00	8.1707e-03	-2.1470e-06	7.0058e-06	0.0000e+00
539	0.0000e+00	0.0000e+00	7.0071e-03	-4.5188e-05	1.8369e-05	0.0000e+00
540	0.0000e+00	0.0000e+00	5.3836e-03	-3.1608e-05	1.3862e-05	0.0000e+00
541	0.0000e+00	0.0000e+00	4.3018e-03	-1.9524e-05	4.2700e-06	0.0000e+00
542	0.0000e+00	0.0000e+00	3.6934e-03	-9.0806e-06	-2.3866e-06	0.0000e+00
543	0.0000e+00	0.0000e+00	3.5137e-03	6.5222e-07	-4.1344e-06	0.0000e+00
544	0.0000e+00	0.0000e+00	3.7509e-03	1.0486e-05	-2.2538e-06	0.0000e+00
545	0.0000e+00	0.0000e+00	4.4262e-03	2.1244e-05	4.5718e-06	0.0000e+00
546	0.0000e+00	0.0000e+00	5.5941e-03	3.3867e-05	1.4516e-05	0.0000e+00
547	0.0000e+00	0.0000e+00	7.3339e-03	4.8285e-05	1.9514e-05	0.0000e+00
548	0.0000e+00	0.0000e+00	8.6470e-03	6.2627e-06	1.0036e-05	0.0000e+00
549	0.0000e+00	0.0000e+00	4.4180e-03	-8.4047e-06	8.6466e-05	0.0000e+00
550	0.0000e+00	0.0000e+00	4.0341e-03	-8.9600e-06	4.4153e-05	0.0000e+00
551	0.0000e+00	0.0000e+00	3.6840e-03	-6.9598e-06	2.2059e-05	0.0000e+00
552	0.0000e+00	0.0000e+00	3.4530e-03	-3.5554e-06	1.1777e-05	0.0000e+00
553	0.0000e+00	0.0000e+00	3.3863e-03	5.3600e-07	8.8391e-06	0.0000e+00
554	0.0000e+00	0.0000e+00	3.5002e-03	4.7040e-06	1.2117e-05	0.0000e+00
555	0.0000e+00	0.0000e+00	3.7850e-03	8.3336e-06	2.2810e-05	0.0000e+00
556	0.0000e+00	0.0000e+00	4.2021e-03	1.0703e-05	4.5450e-05	0.0000e+00
557	0.0000e+00	0.0000e+00	4.6723e-03	1.0651e-05	8.8366e-05	0.0000e+00
558	0.0000e+00	0.0000e+00	8.3959e-03	-8.2417e-06	1.5347e-04	0.0000e+00
559	0.0000e+00	0.0000e+00	8.2718e-03	9.3794e-06	1.5068e-04	0.0000e+00
560	0.0000e+00	0.0000e+00	1.6485e-02	-2.0000e-05	2.3310e-04	0.0000e+00
561	0.0000e+00	0.0000e+00	8.2112e-03	7.5962e-06	1.4101e-04	0.0000e+00
562	0.0000e+00	0.0000e+00	1.5487e-02	-2.1480e-05	1.9675e-04	0.0000e+00
563	0.0000e+00	0.0000e+00	7.9879e-03	7.5526e-06	1.2971e-04	0.0000e+00
564	0.0000e+00	0.0000e+00	1.4541e-02	-1.8988e-05	1.7321e-04	0.0000e+00
565	0.0000e+00	0.0000e+00	7.6997e-03	7.0110e-06	1.2154e-04	0.0000e+00
566	0.0000e+00	0.0000e+00	1.3787e-02	-1.3964e-05	1.5915e-04	0.0000e+00
567	0.0000e+00	0.0000e+00	7.4288e-03	-5.6790e-06	1.1749e-04	0.0000e+00
568	0.0000e+00	0.0000e+00	1.3305e-02	-7.6679e-06	1.5317e-04	0.0000e+00
569	0.0000e+00	0.0000e+00	7.2078e-03	-4.6514e-06	1.1773e-04	0.0000e+00
570	0.0000e+00	0.0000e+00	1.3124e-02	1.4935e-06	1.5485e-04	0.0000e+00
571	0.0000e+00	0.0000e+00	7.0179e-03	-5.3147e-06	1.2206e-04	0.0000e+00
572	0.0000e+00	0.0000e+00	1.3229e-02	4.5682e-06	1.6452e-04	0.0000e+00
573	0.0000e+00	0.0000e+00	6.7954e-03	-8.1381e-06	1.2944e-04	0.0000e+00
574	0.0000e+00	0.0000e+00	1.3556e-02	8.0634e-06	1.8347e-04	0.0000e+00
575	0.0000e+00	0.0000e+00	6.4709e-03	-1.1555e-05	1.3498e-04	0.0000e+00
576	0.0000e+00	0.0000e+00	1.3991e-02	8.3738e-06	2.1484e-04	0.0000e+00
577	0.0000e+00	0.0000e+00	6.3255e-03	4.6734e-06	1.3328e-04	0.0000e+00
578	0.0000e+00	0.0000e+00	-3.7052e-03	4.9174e-06	8.2048e-05	0.0000e+00
579	0.0000e+00	0.0000e+00	-3.5931e-03	7.0789e-06	8.2098e-05	0.0000e+00
580	0.0000e+00	0.0000e+00	3.5974e-03	7.5696e-06	8.2745e-05	0.0000e+00
581	0.0000e+00	0.0000e+00	3.5676e-03	5.3267e-06	8.0764e-05	0.0000e+00
582	0.0000e+00	0.0000e+00	3.4675e-03	3.8264e-06	7.8182e-05	0.0000e+00
583	0.0000e+00	0.0000e+00	3.3131e-03	-3.9523e-06	7.6201e-05	0.0000e+00
584	0.0000e+00	0.0000e+00	3.1193e-03	-5.4556e-06	7.5186e-05	0.0000e+00
585	0.0000e+00	0.0000e+00	2.8857e-03	-7.8137e-06	7.4810e-05	0.0000e+00
586	0.0000e+00	0.0000e+00	2.6182e-03	-9.7860e-06	7.3907e-05	0.0000e+00
587	0.0000e+00	0.0000e+00	-2.3840e-03	-7.3972e-06	7.0487e-05	0.0000e+00
588	0.0000e+00	0.0000e+00	-2.3508e-03	4.4953e-06	6.7986e-05	0.0000e+00
589	0.0000e+00	0.0000e+00	-1.7137e-03	3.3329e-06	3.3202e-05	0.0000e+00
590	0.0000e+00	0.0000e+00	-1.5850e-03	3.8980e-06	3.3765e-05	0.0000e+00
591	0.0000e+00	0.0000e+00	-1.4538e-03	4.7771e-06	3.6071e-05	0.0000e+00
592	0.0000e+00	0.0000e+00	-1.3341e-03	3.7535e-06	3.7982e-05	0.0000e+00
593	0.0000e+00	0.0000e+00	-1.2207e-03	2.5962e-06	3.8686e-05	0.0000e+00
594	0.0000e+00	0.0000e+00	-1.1130e-03	-2.6597e-06	3.8178e-05	0.0000e+00
595	0.0000e+00	0.0000e+00	-1.0230e-03	-3.8714e-06	3.6547e-05	0.0000e+00
596	0.0000e+00	0.0000e+00	-9.7539e-04	-5.3460e-06	3.3788e-05	0.0000e+00
597	0.0000e+00	0.0000e+00	-1.0006e-03	-5.7787e-06	3.0020e-05	0.0000e+00

598	0.0000e+00	0.0000e+00	-1.0758e-03	-3.0313e-06	2.6242e-05	0.0000e+00
599	0.0000e+00	0.0000e+00	-1.0857e-03	3.9901e-06	2.4841e-05	0.0000e+00
600	0.0000e+00	0.0000e+00	-8.5171e-04	-3.1265e-06	-2.1622e-05	0.0000e+00
601	0.0000e+00	0.0000e+00	-7.7050e-04	2.8544e-06	-1.9111e-05	0.0000e+00
602	0.0000e+00	0.0000e+00	-6.8494e-04	2.8580e-06	-1.5487e-05	0.0000e+00
603	0.0000e+00	0.0000e+00	-6.1389e-04	2.7978e-06	-1.3202e-05	0.0000e+00
604	0.0000e+00	0.0000e+00	-5.7644e-04	-2.4363e-06	-1.2577e-05	0.0000e+00
605	0.0000e+00	0.0000e+00	-5.7250e-04	-1.7872e-06	-1.2184e-05	0.0000e+00
606	0.0000e+00	0.0000e+00	-5.8733e-04	-1.1228e-06	-1.1427e-05	0.0000e+00
607	0.0000e+00	0.0000e+00	-6.1007e-04	-7.3846e-07	-1.1491e-05	0.0000e+00
608	0.0000e+00	0.0000e+00	-6.3317e-04	-4.3935e-07	-1.4005e-05	0.0000e+00
609	0.0000e+00	0.0000e+00	-6.3480e-04	8.9284e-07	-1.7629e-05	0.0000e+00
610	0.0000e+00	0.0000e+00	-5.7685e-04	3.2598e-06	-1.8962e-05	0.0000e+00
611	0.0000e+00	0.0000e+00	1.2759e-03	-4.2575e-06	-4.1759e-05	0.0000e+00
612	0.0000e+00	0.0000e+00	1.0238e-03	-7.0045e-06	-3.7914e-05	0.0000e+00
613	0.0000e+00	0.0000e+00	6.8184e-04	-8.1512e-06	-3.1254e-05	0.0000e+00
614	0.0000e+00	0.0000e+00	3.3690e-04	-7.1986e-06	-2.4561e-05	0.0000e+00
615	0.0000e+00	0.0000e+00	7.7183e-05	-4.6125e-06	-1.9975e-05	0.0000e+00
616	0.0000e+00	0.0000e+00	-6.2776e-05	-1.2759e-06	-1.8418e-05	0.0000e+00
617	0.0000e+00	0.0000e+00	-3.5457e-05	2.3006e-06	-2.0079e-05	0.0000e+00
618	0.0000e+00	0.0000e+00	1.2575e-04	4.8316e-06	-2.4702e-05	0.0000e+00
619	0.0000e+00	0.0000e+00	3.6606e-04	5.7827e-06	-3.1133e-05	0.0000e+00
620	0.0000e+00	0.0000e+00	6.0550e-04	4.7678e-06	-3.6890e-05	0.0000e+00
621	0.0000e+00	0.0000e+00	7.6648e-04	2.4421e-06	-3.8764e-05	0.0000e+00
622	0.0000e+00	0.0000e+00	3.3432e-03	-5.9344e-06	-5.4947e-05	0.0000e+00
623	0.0000e+00	0.0000e+00	2.9150e-03	-1.3224e-05	-5.0242e-05	0.0000e+00
624	0.0000e+00	0.0000e+00	2.2579e-03	-1.5934e-05	-4.1756e-05	0.0000e+00
625	0.0000e+00	0.0000e+00	1.6028e-03	-1.3520e-05	-3.3722e-05	0.0000e+00
626	0.0000e+00	0.0000e+00	1.1366e-03	-7.9005e-06	-2.8506e-05	0.0000e+00
627	0.0000e+00	0.0000e+00	9.4980e-04	-1.0442e-06	-2.6763e-05	0.0000e+00
628	0.0000e+00	0.0000e+00	1.0573e-03	5.8229e-06	-2.8524e-05	0.0000e+00
629	0.0000e+00	0.0000e+00	1.4293e-03	1.1147e-05	-3.3630e-05	0.0000e+00
630	0.0000e+00	0.0000e+00	1.9698e-03	1.3072e-05	-4.1249e-05	0.0000e+00
631	0.0000e+00	0.0000e+00	2.4869e-03	9.6918e-06	-4.8764e-05	0.0000e+00
632	0.0000e+00	0.0000e+00	2.7440e-03	1.6170e-06	-5.1571e-05	0.0000e+00
633	0.0000e+00	0.0000e+00	5.7805e-03	-7.2130e-06	-5.5889e-05	0.0000e+00
634	0.0000e+00	0.0000e+00	5.1295e-03	-2.1520e-05	-4.9970e-05	0.0000e+00
635	0.0000e+00	0.0000e+00	4.0690e-03	-2.5275e-05	-3.9370e-05	0.0000e+00
636	0.0000e+00	0.0000e+00	3.0617e-03	-2.0167e-05	-3.1355e-05	0.0000e+00
637	0.0000e+00	0.0000e+00	2.3803e-03	-1.1105e-05	-2.7081e-05	0.0000e+00
638	0.0000e+00	0.0000e+00	2.1210e-03	-9.7639e-07	-2.5790e-05	0.0000e+00
639	0.0000e+00	0.0000e+00	2.2969e-03	9.0249e-06	-2.7071e-05	0.0000e+00
640	0.0000e+00	0.0000e+00	2.8792e-03	1.7608e-05	-3.1251e-05	0.0000e+00
641	0.0000e+00	0.0000e+00	3.7575e-03	2.1877e-05	-3.8989e-05	0.0000e+00
642	0.0000e+00	0.0000e+00	4.6434e-03	1.6861e-05	-4.8983e-05	0.0000e+00
643	0.0000e+00	0.0000e+00	5.0553e-03	8.2465e-07	-5.3707e-05	0.0000e+00
644	0.0000e+00	0.0000e+00	7.9009e-03	-7.4280e-06	-3.9849e-05	0.0000e+00
645	0.0000e+00	0.0000e+00	6.9600e-03	-3.3030e-05	-3.1528e-05	0.0000e+00
646	0.0000e+00	0.0000e+00	5.4322e-03	-3.4173e-05	-2.0370e-05	0.0000e+00
647	0.0000e+00	0.0000e+00	4.1551e-03	-2.4392e-05	-1.7197e-05	0.0000e+00
648	0.0000e+00	0.0000e+00	3.3566e-03	-1.2628e-05	-1.6795e-05	0.0000e+00
649	0.0000e+00	0.0000e+00	3.0655e-03	-9.4049e-07	-1.6907e-05	0.0000e+00
650	0.0000e+00	0.0000e+00	3.2729e-03	1.0570e-05	-1.6900e-05	0.0000e+00
651	0.0000e+00	0.0000e+00	3.9711e-03	2.1776e-05	-1.7386e-05	0.0000e+00
652	0.0000e+00	0.0000e+00	5.1139e-03	3.0577e-05	-2.0609e-05	0.0000e+00
653	0.0000e+00	0.0000e+00	6.4537e-03	2.7930e-05	-3.1787e-05	0.0000e+00
654	0.0000e+00	0.0000e+00	7.1269e-03	1.3004e-07	-4.0038e-05	0.0000e+00
655	0.0000e+00	0.0000e+00	8.6552e-03	-6.1148e-06	1.0131e-05	0.0000e+00
656	0.0000e+00	0.0000e+00	7.3463e-03	-4.8206e-05	1.9589e-05	0.0000e+00
657	0.0000e+00	0.0000e+00	5.6072e-03	-3.3835e-05	1.4588e-05	0.0000e+00
658	0.0000e+00	0.0000e+00	4.4377e-03	-2.1253e-05	4.5762e-06	0.0000e+00
659	0.0000e+00	0.0000e+00	3.7587e-03	-1.0559e-05	-2.1543e-06	0.0000e+00
660	0.0000e+00	0.0000e+00	3.5152e-03	-8.3656e-07	-4.1659e-06	0.0000e+00
661	0.0000e+00	0.0000e+00	3.6836e-03	8.7061e-06	-2.4499e-06	0.0000e+00
662	0.0000e+00	0.0000e+00	4.2714e-03	1.8856e-05	3.9222e-06	0.0000e+00
663	0.0000e+00	0.0000e+00	5.3172e-03	3.0507e-05	1.3476e-05	0.0000e+00
664	0.0000e+00	0.0000e+00	6.8828e-03	4.3539e-05	1.7866e-05	0.0000e+00
665	0.0000e+00	0.0000e+00	7.9466e-03	-5.8849e-07	7.3440e-06	0.0000e+00
666	0.0000e+00	0.0000e+00	4.6816e-03	-1.0559e-05	8.8407e-05	0.0000e+00
667	0.0000e+00	0.0000e+00	4.2136e-03	-1.0632e-05	4.5437e-05	0.0000e+00
668	0.0000e+00	0.0000e+00	3.7980e-03	-8.2735e-06	2.2703e-05	0.0000e+00
669	0.0000e+00	0.0000e+00	3.5141e-03	-4.6794e-06	1.1868e-05	0.0000e+00

670	0.0000e+00	0.0000e+00	3.3991e-03	-5.9907e-07	8.4196e-06	0.0000e+00
671	0.0000e+00	0.0000e+00	3.4601e-03	3.3171e-06	1.1206e-05	0.0000e+00
672	0.0000e+00	0.0000e+00	3.6761e-03	6.4317e-06	2.1331e-05	0.0000e+00
673	0.0000e+00	0.0000e+00	3.9956e-03	7.9969e-06	4.3251e-05	0.0000e+00
674	0.0000e+00	0.0000e+00	4.3265e-03	6.8592e-06	8.5206e-05	0.0000e+00
675	0.0000e+00	0.0000e+00	6.7805e-03	2.1456e-05	1.3453e-04	0.0000e+00
676	0.0000e+00	0.0000e+00	1.4368e-02	2.5241e-06	2.1755e-04	0.0000e+00
677	0.0000e+00	0.0000e+00	7.4942e-03	2.0838e-05	1.3048e-04	0.0000e+00
678	0.0000e+00	0.0000e+00	1.4357e-02	3.9498e-06	1.8607e-04	0.0000e+00
679	0.0000e+00	0.0000e+00	8.2285e-03	2.1078e-05	1.2336e-04	0.0000e+00
680	0.0000e+00	0.0000e+00	1.4507e-02	8.7641e-06	1.6500e-04	0.0000e+00
681	0.0000e+00	0.0000e+00	9.0678e-03	2.4269e-05	1.1796e-04	0.0000e+00
682	0.0000e+00	0.0000e+00	1.4952e-02	1.6747e-05	1.5152e-04	0.0000e+00
683	0.0000e+00	0.0000e+00	1.0109e-02	2.9772e-05	1.1536e-04	0.0000e+00
684	0.0000e+00	0.0000e+00	1.5783e-02	2.6635e-05	1.4404e-04	0.0000e+00
685	0.0000e+00	0.0000e+00	1.1413e-02	3.6482e-05	1.1570e-04	0.0000e+00
686	0.0000e+00	0.0000e+00	1.7050e-02	3.7238e-05	1.4168e-04	0.0000e+00
687	0.0000e+00	0.0000e+00	1.2997e-02	4.3061e-05	1.1875e-04	0.0000e+00
688	0.0000e+00	0.0000e+00	1.8757e-02	4.7299e-05	1.4398e-04	0.0000e+00
689	0.0000e+00	0.0000e+00	1.4823e-02	4.8003e-05	1.2402e-04	0.0000e+00
690	0.0000e+00	0.0000e+00	2.0856e-02	5.5399e-05	1.5093e-04	0.0000e+00
691	0.0000e+00	0.0000e+00	1.6802e-02	5.0357e-05	1.2966e-04	0.0000e+00
692	0.0000e+00	0.0000e+00	2.3238e-02	5.9891e-05	1.6309e-04	0.0000e+00
693	0.0000e+00	0.0000e+00	1.8877e-02	5.3362e-05	1.3698e-04	0.0000e+00
694	0.0000e+00	0.0000e+00	-2.6217e-03	1.6295e-05	7.0775e-05	0.0000e+00
695	0.0000e+00	0.0000e+00	3.1890e-03	2.1441e-05	7.4762e-05	0.0000e+00
696	0.0000e+00	0.0000e+00	3.9396e-03	2.3322e-05	7.6696e-05	0.0000e+00
697	0.0000e+00	0.0000e+00	4.8257e-03	2.5568e-05	7.7904e-05	0.0000e+00
698	0.0000e+00	0.0000e+00	5.8692e-03	2.9215e-05	7.9448e-05	0.0000e+00
699	0.0000e+00	0.0000e+00	7.1067e-03	3.3940e-05	8.1773e-05	0.0000e+00
700	0.0000e+00	0.0000e+00	8.5550e-03	3.8890e-05	8.4829e-05	0.0000e+00
701	0.0000e+00	0.0000e+00	1.0198e-02	4.3178e-05	8.8215e-05	0.0000e+00
702	0.0000e+00	0.0000e+00	1.1996e-02	4.6446e-05	9.0857e-05	0.0000e+00
703	0.0000e+00	0.0000e+00	1.3899e-02	4.8480e-05	9.6340e-05	0.0000e+00
704	0.0000e+00	0.0000e+00	-1.0273e-03	1.1048e-05	2.6899e-05	0.0000e+00
705	0.0000e+00	0.0000e+00	-1.1360e-03	1.5923e-05	3.1320e-05	0.0000e+00
706	0.0000e+00	0.0000e+00	1.5778e-03	1.9026e-05	3.6312e-05	0.0000e+00
707	0.0000e+00	0.0000e+00	2.2770e-03	2.2009e-05	4.0922e-05	0.0000e+00
708	0.0000e+00	0.0000e+00	3.1765e-03	2.5840e-05	4.5004e-05	0.0000e+00
709	0.0000e+00	0.0000e+00	4.2776e-03	3.0537e-05	4.8623e-05	0.0000e+00
710	0.0000e+00	0.0000e+00	5.5897e-03	3.5576e-05	5.1789e-05	0.0000e+00
711	0.0000e+00	0.0000e+00	7.1048e-03	4.0255e-05	5.4527e-05	0.0000e+00
712	0.0000e+00	0.0000e+00	8.7886e-03	4.3788e-05	5.6603e-05	0.0000e+00
713	0.0000e+00	0.0000e+00	1.0562e-02	4.4522e-05	6.2193e-05	0.0000e+00
714	0.0000e+00	0.0000e+00	-4.6994e-04	6.0197e-06	-1.6777e-05	0.0000e+00
715	0.0000e+00	0.0000e+00	-4.2840e-04	8.8292e-06	-1.2974e-05	0.0000e+00
716	0.0000e+00	0.0000e+00	6.5742e-04	1.1913e-05	-1.1338e-05	0.0000e+00
717	0.0000e+00	0.0000e+00	1.1441e-03	1.5804e-05	-1.3837e-05	0.0000e+00
718	0.0000e+00	0.0000e+00	1.8476e-03	2.0737e-05	1.7998e-05	0.0000e+00
719	0.0000e+00	0.0000e+00	2.7803e-03	2.6474e-05	2.1947e-05	0.0000e+00
720	0.0000e+00	0.0000e+00	3.9547e-03	3.2412e-05	2.5179e-05	0.0000e+00
721	0.0000e+00	0.0000e+00	5.3584e-03	3.7690e-05	2.7838e-05	0.0000e+00
722	0.0000e+00	0.0000e+00	6.9414e-03	4.1147e-05	2.9936e-05	0.0000e+00
723	0.0000e+00	0.0000e+00	8.5928e-03	4.0913e-05	3.5739e-05	0.0000e+00
724	0.0000e+00	0.0000e+00	8.2623e-04	7.8164e-07	-3.5728e-05	0.0000e+00
725	0.0000e+00	0.0000e+00	8.5087e-04	9.6321e-07	-2.9202e-05	0.0000e+00
726	0.0000e+00	0.0000e+00	9.2864e-04	3.5091e-06	-2.1361e-05	0.0000e+00
727	0.0000e+00	0.0000e+00	1.1556e-03	8.3047e-06	-1.4321e-05	0.0000e+00
728	0.0000e+00	0.0000e+00	1.6105e-03	1.4736e-05	-9.6958e-06	0.0000e+00
729	0.0000e+00	0.0000e+00	2.3429e-03	2.2015e-05	-8.4936e-06	0.0000e+00
730	0.0000e+00	0.0000e+00	3.3683e-03	2.9219e-05	-9.6863e-06	0.0000e+00
731	0.0000e+00	0.0000e+00	4.6610e-03	3.5195e-05	-1.1588e-05	0.0000e+00
732	0.0000e+00	0.0000e+00	6.1438e-03	3.8497e-05	-1.3437e-05	0.0000e+00
733	0.0000e+00	0.0000e+00	7.6710e-03	3.7305e-05	-1.8409e-05	0.0000e+00
734	0.0000e+00	0.0000e+00	2.6582e-03	-5.4366e-06	-4.7750e-05	0.0000e+00
735	0.0000e+00	0.0000e+00	2.3665e-03	-8.2899e-06	-3.9643e-05	0.0000e+00
736	0.0000e+00	0.0000e+00	2.0656e-03	-6.0769e-06	-3.0456e-05	0.0000e+00
737	0.0000e+00	0.0000e+00	1.9350e-03	-1.2911e-06	-2.2353e-05	0.0000e+00
738	0.0000e+00	0.0000e+00	2.0924e-03	8.4698e-06	-1.6100e-05	0.0000e+00
739	0.0000e+00	0.0000e+00	2.5980e-03	1.7434e-05	-1.1805e-05	0.0000e+00
740	0.0000e+00	0.0000e+00	3.4612e-03	2.6023e-05	-9.4159e-06	0.0000e+00
741	0.0000e+00	0.0000e+00	4.6384e-03	3.2783e-05	-8.6068e-06	0.0000e+00

742	0.0000e+00	0.0000e+00	6.0202e-03	3.5903e-05	-8.9680e-06	0.0000e+00
743	0.0000e+00	0.0000e+00	7.4160e-03	3.3388e-05	-1.0479e-05	0.0000e+00
744	0.0000e+00	0.0000e+00	4.7793e-03	-1.3652e-05	-4.8303e-05	0.0000e+00
745	0.0000e+00	0.0000e+00	4.0946e-03	-1.9099e-05	-3.7918e-05	0.0000e+00
746	0.0000e+00	0.0000e+00	3.3835e-03	-1.5813e-05	-2.8337e-05	0.0000e+00
747	0.0000e+00	0.0000e+00	2.9108e-03	-7.7446e-06	-2.1084e-05	0.0000e+00
748	0.0000e+00	0.0000e+00	2.8009e-03	2.7858e-06	-1.5647e-05	0.0000e+00
749	0.0000e+00	0.0000e+00	3.0975e-03	1.2928e-05	-1.1416e-05	0.0000e+00
750	0.0000e+00	0.0000e+00	3.7988e-03	2.2650e-05	-8.2434e-06	0.0000e+00
751	0.0000e+00	0.0000e+00	4.8525e-03	3.0209e-05	-6.3369e-06	0.0000e+00
752	0.0000e+00	0.0000e+00	6.1276e-03	3.3203e-05	-6.1107e-06	0.0000e+00
753	0.0000e+00	0.0000e+00	7.3765e-03	2.8734e-05	-8.8657e-06	0.0000e+00
754	0.0000e+00	0.0000e+00	6.5701e-03	-2.5645e-05	-3.1551e-05	0.0000e+00
755	0.0000e+00	0.0000e+00	5.4045e-03	-3.0416e-05	-1.9511e-05	0.0000e+00
756	0.0000e+00	0.0000e+00	4.3362e-03	-2.3321e-05	-1.3706e-05	0.0000e+00
757	0.0000e+00	0.0000e+00	3.6225e-03	-1.3000e-05	-1.0483e-05	0.0000e+00
758	0.0000e+00	0.0000e+00	3.3247e-03	-2.4403e-06	-7.5911e-06	0.0000e+00
759	0.0000e+00	0.0000e+00	3.4452e-03	8.4816e-06	-4.0901e-06	0.0000e+00
760	0.0000e+00	0.0000e+00	3.9690e-03	1.8309e-05	-1.8957e-06	0.0000e+00
761	0.0000e+00	0.0000e+00	4.8535e-03	2.6397e-05	6.1611e-06	0.0000e+00
762	0.0000e+00	0.0000e+00	5.9795e-03	2.9716e-05	9.8569e-06	0.0000e+00
763	0.0000e+00	0.0000e+00	7.0423e-03	2.2687e-05	2.0072e-05	0.0000e+00
764	0.0000e+00	0.0000e+00	7.0083e-03	-4.3916e-05	1.7196e-05	0.0000e+00
765	0.0000e+00	0.0000e+00	5.5079e-03	-3.3674e-05	1.7389e-05	0.0000e+00
766	0.0000e+00	0.0000e+00	4.4245e-03	-2.2713e-05	1.0109e-05	0.0000e+00
767	0.0000e+00	0.0000e+00	3.7298e-03	-1.3153e-05	5.6708e-06	0.0000e+00
768	0.0000e+00	0.0000e+00	3.3855e-03	-4.5542e-06	4.8826e-06	0.0000e+00
769	0.0000e+00	0.0000e+00	3.3672e-03	3.8097e-06	7.7186e-06	0.0000e+00
770	0.0000e+00	0.0000e+00	3.6606e-03	1.1533e-05	1.3896e-05	0.0000e+00
771	0.0000e+00	0.0000e+00	4.2471e-03	1.8627e-05	2.3046e-05	0.0000e+00
772	0.0000e+00	0.0000e+00	5.0723e-03	2.3335e-05	3.2386e-05	0.0000e+00
773	0.0000e+00	0.0000e+00	5.8483e-03	1.4320e-05	4.7488e-05	0.0000e+00
774	0.0000e+00	0.0000e+00	4.2765e-03	-8.6898e-06	9.2581e-05	0.0000e+00
775	0.0000e+00	0.0000e+00	3.8941e-03	-1.0376e-05	5.2759e-05	0.0000e+00
776	0.0000e+00	0.0000e+00	3.4914e-03	-9.7474e-06	3.0383e-05	0.0000e+00
777	0.0000e+00	0.0000e+00	3.1416e-03	-7.7221e-06	2.0186e-05	0.0000e+00
778	0.0000e+00	0.0000e+00	2.8882e-03	-4.8974e-06	1.7313e-05	0.0000e+00
779	0.0000e+00	0.0000e+00	2.7537e-03	-1.8506e-06	2.0000e-05	0.0000e+00
780	0.0000e+00	0.0000e+00	2.7435e-03	1.8325e-06	2.7647e-05	0.0000e+00
781	0.0000e+00	0.0000e+00	2.8445e-03	4.2054e-06	4.0584e-05	0.0000e+00
782	0.0000e+00	0.0000e+00	3.0174e-03	5.3338e-06	5.8257e-05	0.0000e+00
783	0.0000e+00	0.0000e+00	8.5611e-03	1.7175e-05	1.5185e-04	0.0000e+00
784	0.0000e+00	0.0000e+00	1.6733e-02	3.1128e-07	2.3424e-04	0.0000e+00
785	0.0000e+00	0.0000e+00	9.0472e-03	1.1469e-05	1.4885e-04	0.0000e+00
786	0.0000e+00	0.0000e+00	1.6638e-02	-1.2954e-06	2.0688e-04	0.0000e+00
787	0.0000e+00	0.0000e+00	9.3446e-03	6.1368e-06	1.4437e-04	0.0000e+00
788	0.0000e+00	0.0000e+00	1.6569e-02	1.5533e-07	1.9268e-04	0.0000e+00
789	0.0000e+00	0.0000e+00	9.5032e-03	2.3292e-06	1.4319e-04	0.0000e+00
790	0.0000e+00	0.0000e+00	1.6631e-02	3.2699e-06	1.8884e-04	0.0000e+00
791	0.0000e+00	0.0000e+00	9.5500e-03	-3.1161e-06	1.4612e-04	0.0000e+00
792	0.0000e+00	0.0000e+00	1.6856e-02	6.3856e-06	1.9465e-04	0.0000e+00
793	0.0000e+00	0.0000e+00	9.4588e-03	-7.9849e-06	1.5238e-04	0.0000e+00
794	0.0000e+00	0.0000e+00	1.7214e-02	7.9729e-06	2.1087e-04	0.0000e+00
795	0.0000e+00	0.0000e+00	9.1790e-03	-1.3482e-05	1.5724e-04	0.0000e+00
796	0.0000e+00	0.0000e+00	1.7604e-02	6.3643e-06	2.4035e-04	0.0000e+00
797	0.0000e+00	0.0000e+00	8.9506e-03	1.6113e-07	1.5526e-04	0.0000e+00
798	0.0000e+00	0.0000e+00	-3.9265e-03	1.1234e-05	8.3774e-05	0.0000e+00
799	0.0000e+00	0.0000e+00	-4.2435e-03	1.1288e-05	8.8158e-05	0.0000e+00
800	0.0000e+00	0.0000e+00	4.5062e-03	6.7886e-06	8.9910e-05	0.0000e+00
801	0.0000e+00	0.0000e+00	4.6436e-03	1.5580e-06	9.0730e-05	0.0000e+00
802	0.0000e+00	0.0000e+00	4.6399e-03	-4.4105e-06	9.1279e-05	0.0000e+00
803	0.0000e+00	0.0000e+00	-4.5081e-03	-8.8892e-06	9.0895e-05	0.0000e+00
804	0.0000e+00	0.0000e+00	-4.3147e-03	-8.9116e-06	8.7872e-05	0.0000e+00
805	0.0000e+00	0.0000e+00	-4.2183e-03	1.0770e-07	8.5451e-05	0.0000e+00
806	0.0000e+00	0.0000e+00	-1.8911e-03	6.1053e-06	-3.6525e-05	0.0000e+00
807	0.0000e+00	0.0000e+00	-1.9391e-03	6.9040e-06	4.0060e-05	0.0000e+00
808	0.0000e+00	0.0000e+00	-2.0075e-03	4.5130e-06	4.3016e-05	0.0000e+00
809	0.0000e+00	0.0000e+00	-2.0612e-03	9.8521e-07	4.4386e-05	0.0000e+00
810	0.0000e+00	0.0000e+00	-2.0776e-03	-3.0342e-06	4.3959e-05	0.0000e+00
811	0.0000e+00	0.0000e+00	-2.0702e-03	-5.3949e-06	4.1896e-05	0.0000e+00
812	0.0000e+00	0.0000e+00	-2.0694e-03	-4.5952e-06	3.9149e-05	0.0000e+00
813	0.0000e+00	0.0000e+00	-2.0747e-03	6.3942e-08	-3.7826e-05	0.0000e+00



814	0.0000e+00	0.0000e+00	-9.3952e-04	2.2861e-06	-2.1759e-05	0.0000e+00
815	0.0000e+00	0.0000e+00	-9.3742e-04	2.2452e-06	-1.9812e-05	0.0000e+00
816	0.0000e+00	0.0000e+00	-9.3874e-04	1.5033e-06	-1.8709e-05	0.0000e+00
817	0.0000e+00	0.0000e+00	-9.4985e-04	6.0427e-07	-1.8596e-05	0.0000e+00
818	0.0000e+00	0.0000e+00	-9.7077e-04	-7.5213e-07	-1.8987e-05	0.0000e+00
819	0.0000e+00	0.0000e+00	-9.9822e-04	-1.2986e-06	-2.0195e-05	0.0000e+00
820	0.0000e+00	0.0000e+00	-1.0243e-03	-1.0903e-06	-2.2164e-05	0.0000e+00
821	0.0000e+00	0.0000e+00	-1.0353e-03	3.0971e-08	-2.3221e-05	0.0000e+00
822	0.0000e+00	0.0000e+00	9.2713e-04	-1.2513e-06	-3.8421e-05	0.0000e+00
823	0.0000e+00	0.0000e+00	8.4527e-04	-2.5019e-06	-3.3949e-05	0.0000e+00
824	0.0000e+00	0.0000e+00	7.5314e-04	-1.7492e-06	-2.9729e-05	0.0000e+00
825	0.0000e+00	0.0000e+00	7.2423e-04	3.7601e-07	-2.8041e-05	0.0000e+00
826	0.0000e+00	0.0000e+00	7.8729e-04	2.4846e-06	-2.9621e-05	0.0000e+00
827	0.0000e+00	0.0000e+00	9.1983e-04	3.4567e-06	-3.3780e-05	0.0000e+00
828	0.0000e+00	0.0000e+00	1.0547e-03	2.5102e-06	-3.8348e-05	0.0000e+00
829	0.0000e+00	0.0000e+00	1.1120e-03	7.3382e-09	-4.0365e-05	0.0000e+00
830	0.0000e+00	0.0000e+00	2.7995e-03	-5.5286e-06	-5.0192e-05	0.0000e+00
831	0.0000e+00	0.0000e+00	2.4761e-03	-8.2771e-06	-4.3729e-05	0.0000e+00
832	0.0000e+00	0.0000e+00	2.1585e-03	-5.5606e-06	-3.8050e-05	0.0000e+00
833	0.0000e+00	0.0000e+00	2.0369e-03	2.5107e-07	-3.5872e-05	0.0000e+00
834	0.0000e+00	0.0000e+00	2.1804e-03	6.1448e-06	-3.7959e-05	0.0000e+00
835	0.0000e+00	0.0000e+00	2.5299e-03	9.2064e-06	-4.3611e-05	0.0000e+00
836	0.0000e+00	0.0000e+00	2.9053e-03	7.0323e-06	-5.0192e-05	0.0000e+00
837	0.0000e+00	0.0000e+00	3.0701e-03	6.9258e-10	-5.3237e-05	0.0000e+00
838	0.0000e+00	0.0000e+00	5.0073e-03	-1.2350e-05	-4.9758e-05	0.0000e+00
839	0.0000e+00	0.0000e+00	4.3485e-03	-1.6033e-05	-4.0197e-05	0.0000e+00
840	0.0000e+00	0.0000e+00	3.7608e-03	-1.0082e-05	-3.3450e-05	0.0000e+00
841	0.0000e+00	0.0000e+00	3.5404e-03	1.7234e-07	-3.1181e-05	0.0000e+00
842	0.0000e+00	0.0000e+00	3.7776e-03	1.0569e-05	-3.3324e-05	0.0000e+00
843	0.0000e+00	0.0000e+00	4.3948e-03	1.6955e-05	-3.9987e-05	0.0000e+00
844	0.0000e+00	0.0000e+00	5.1084e-03	1.4008e-05	-4.9551e-05	0.0000e+00
845	0.0000e+00	0.0000e+00	5.4390e-03	1.0174e-08	-5.4643e-05	0.0000e+00
846	0.0000e+00	0.0000e+00	6.8286e-03	-2.3625e-05	-3.1360e-05	0.0000e+00
847	0.0000e+00	0.0000e+00	5.7139e-03	-2.4761e-05	-1.9583e-05	0.0000e+00
848	0.0000e+00	0.0000e+00	4.8724e-03	-1.3803e-05	-1.5696e-05	0.0000e+00
849	0.0000e+00	0.0000e+00	4.5759e-03	7.8906e-08	-1.4808e-05	0.0000e+00
850	0.0000e+00	0.0000e+00	4.8818e-03	1.4122e-05	-1.5466e-05	0.0000e+00
851	0.0000e+00	0.0000e+00	5.7463e-03	2.5556e-05	-1.9132e-05	0.0000e+00
852	0.0000e+00	0.0000e+00	6.9118e-03	2.5224e-05	-3.0704e-05	0.0000e+00
853	0.0000e+00	0.0000e+00	7.5198e-03	8.1851e-09	-3.9389e-05	0.0000e+00
854	0.0000e+00	0.0000e+00	7.2117e-03	-4.0427e-05	1.9675e-05	0.0000e+00
855	0.0000e+00	0.0000e+00	5.8165e-03	-2.6103e-05	1.7048e-05	0.0000e+00
856	0.0000e+00	0.0000e+00	5.0058e-03	-1.2597e-05	9.7658e-06	0.0000e+00
857	0.0000e+00	0.0000e+00	4.7388e-03	-6.7379e-08	7.2566e-06	0.0000e+00
858	0.0000e+00	0.0000e+00	5.0023e-03	1.2618e-05	1.0128e-05	0.0000e+00
859	0.0000e+00	0.0000e+00	5.8230e-03	2.6591e-05	1.7793e-05	0.0000e+00
860	0.0000e+00	0.0000e+00	7.2550e-03	4.1683e-05	2.0844e-05	0.0000e+00
861	0.0000e+00	0.0000e+00	8.2873e-03	1.7488e-08	8.7386e-06	0.0000e+00
862	0.0000e+00	0.0000e+00	4.5406e-03	-5.4505e-06	8.8714e-05	0.0000e+00
863	0.0000e+00	0.0000e+00	4.2914e-03	-5.7819e-06	4.8762e-05	0.0000e+00
864	0.0000e+00	0.0000e+00	4.0845e-03	-3.6092e-06	2.9880e-05	0.0000e+00
865	0.0000e+00	0.0000e+00	3.9987e-03	-2.7985e-07	2.4692e-05	0.0000e+00
866	0.0000e+00	0.0000e+00	4.0623e-03	3.1928e-06	3.0363e-05	0.0000e+00
867	0.0000e+00	0.0000e+00	4.2594e-03	5.7913e-06	4.9763e-05	0.0000e+00
868	0.0000e+00	0.0000e+00	4.5228e-03	6.1351e-06	9.0299e-05	0.0000e+00
869	0.0000e+00	0.0000e+00	9.1772e-03	1.3525e-05	1.5725e-04	0.0000e+00
870	0.0000e+00	0.0000e+00	1.7602e-02	-6.4115e-06	2.4035e-04	0.0000e+00
871	0.0000e+00	0.0000e+00	9.4550e-03	8.0366e-06	1.5237e-04	0.0000e+00
872	0.0000e+00	0.0000e+00	1.7211e-02	-8.0383e-06	2.1086e-04	0.0000e+00
873	0.0000e+00	0.0000e+00	9.5438e-03	3.2061e-06	1.4610e-04	0.0000e+00
874	0.0000e+00	0.0000e+00	1.6850e-02	-6.4604e-06	1.9464e-04	0.0000e+00
875	0.0000e+00	0.0000e+00	9.4943e-03	-2.3925e-06	1.4316e-04	0.0000e+00
876	0.0000e+00	0.0000e+00	1.6622e-02	-3.3439e-06	1.8882e-04	0.0000e+00
877	0.0000e+00	0.0000e+00	9.3328e-03	-6.1384e-06	1.4433e-04	0.0000e+00
878	0.0000e+00	0.0000e+00	1.6558e-02	-1.0818e-07	1.9265e-04	0.0000e+00
879	0.0000e+00	0.0000e+00	9.0323e-03	-1.1458e-05	1.4880e-04	0.0000e+00
880	0.0000e+00	0.0000e+00	1.6623e-02	1.2234e-06	2.0685e-04	0.0000e+00
881	0.0000e+00	0.0000e+00	8.5433e-03	-1.7158e-05	1.5180e-04	0.0000e+00
882	0.0000e+00	0.0000e+00	1.6717e-02	-3.7875e-07	2.3421e-04	0.0000e+00
883	0.0000e+00	0.0000e+00	-4.3124e-03	8.9397e-06	8.7867e-05	0.0000e+00
884	0.0000e+00	0.0000e+00	-4.5037e-03	8.9131e-06	9.0881e-05	0.0000e+00
885	0.0000e+00	0.0000e+00	4.6333e-03	4.4398e-06	9.1254e-05	0.0000e+00

886	0.0000e+00	0.0000e+00	4.6346e-03	-1.6053e-06	9.0692e-05	0.0000e+00
887	0.0000e+00	0.0000e+00	4.4943e-03	-6.7916e-06	8.9857e-05	0.0000e+00
888	0.0000e+00	0.0000e+00	-4.2283e-03	-1.1283e-05	8.8089e-05	0.0000e+00
889	0.0000e+00	0.0000e+00	-3.9081e-03	-1.1224e-05	8.3690e-05	0.0000e+00
890	0.0000e+00	0.0000e+00	-2.0673e-03	4.6145e-06	3.9135e-05	0.0000e+00
891	0.0000e+00	0.0000e+00	-2.0661e-03	5.4108e-06	4.1869e-05	0.0000e+00
892	0.0000e+00	0.0000e+00	-2.0715e-03	3.0514e-06	4.3919e-05	0.0000e+00
893	0.0000e+00	0.0000e+00	-2.0529e-03	-1.0175e-06	4.4331e-05	0.0000e+00
894	0.0000e+00	0.0000e+00	-1.9969e-03	-4.5157e-06	4.2943e-05	0.0000e+00
895	0.0000e+00	0.0000e+00	-1.9261e-03	-6.9011e-06	3.9963e-05	0.0000e+00
896	0.0000e+00	0.0000e+00	-1.8763e-03	-6.0995e-06	-3.6403e-05	0.0000e+00
897	0.0000e+00	0.0000e+00	-1.0230e-03	1.1098e-06	-2.2147e-05	0.0000e+00
898	0.0000e+00	0.0000e+00	-9.9560e-04	1.3170e-06	-2.0159e-05	0.0000e+00
899	0.0000e+00	0.0000e+00	-9.6684e-04	7.7555e-07	-1.8931e-05	0.0000e+00
900	0.0000e+00	0.0000e+00	-9.4459e-04	-6.2356e-07	-1.8520e-05	0.0000e+00
901	0.0000e+00	0.0000e+00	-9.3221e-04	-1.5067e-06	-1.8614e-05	0.0000e+00
902	0.0000e+00	0.0000e+00	-9.2985e-04	-2.2432e-06	-1.9706e-05	0.0000e+00
903	0.0000e+00	0.0000e+00	-9.3132e-04	-2.2811e-06	-2.1649e-05	0.0000e+00
904	0.0000e+00	0.0000e+00	1.0549e-03	-2.5033e-06	-3.8346e-05	0.0000e+00
905	0.0000e+00	0.0000e+00	9.2005e-04	-3.4553e-06	-3.3774e-05	0.0000e+00
906	0.0000e+00	0.0000e+00	7.8722e-04	-2.4886e-06	-2.9606e-05	0.0000e+00
907	0.0000e+00	0.0000e+00	7.2376e-04	-3.8630e-07	-2.8018e-05	0.0000e+00
908	0.0000e+00	0.0000e+00	7.5241e-04	1.7483e-06	-2.9701e-05	0.0000e+00
909	0.0000e+00	0.0000e+00	8.4460e-04	2.5058e-06	-3.3919e-05	0.0000e+00
910	0.0000e+00	0.0000e+00	9.2682e-04	1.2593e-06	-3.8394e-05	0.0000e+00
911	0.0000e+00	0.0000e+00	2.9060e-03	-7.0211e-06	-5.0197e-05	0.0000e+00
912	0.0000e+00	0.0000e+00	2.5308e-03	-9.2039e-06	-4.3617e-05	0.0000e+00
913	0.0000e+00	0.0000e+00	2.1812e-03	-6.1498e-06	-3.7961e-05	0.0000e+00
914	0.0000e+00	0.0000e+00	2.0375e-03	-2.5899e-07	-3.5867e-05	0.0000e+00
915	0.0000e+00	0.0000e+00	2.1589e-03	5.5569e-06	-3.8040e-05	0.0000e+00
916	0.0000e+00	0.0000e+00	2.4764e-03	8.2814e-06	-4.3717e-05	0.0000e+00
917	0.0000e+00	0.0000e+00	2.8002e-03	5.5409e-06	-5.0184e-05	0.0000e+00
918	0.0000e+00	0.0000e+00	5.1094e-03	-1.3990e-05	-4.9563e-05	0.0000e+00
919	0.0000e+00	0.0000e+00	4.3962e-03	-1.6953e-05	-4.0002e-05	0.0000e+00
920	0.0000e+00	0.0000e+00	3.7788e-03	-1.0579e-05	-3.3334e-05	0.0000e+00
921	0.0000e+00	0.0000e+00	3.5411e-03	-1.8581e-07	-3.1182e-05	0.0000e+00
922	0.0000e+00	0.0000e+00	3.7609e-03	1.0074e-05	-3.3443e-05	0.0000e+00
923	0.0000e+00	0.0000e+00	4.3485e-03	1.6038e-05	-4.0186e-05	0.0000e+00
924	0.0000e+00	0.0000e+00	5.0078e-03	1.2369e-05	-4.9752e-05	0.0000e+00
925	0.0000e+00	0.0000e+00	6.9135e-03	-2.5197e-05	-3.0726e-05	0.0000e+00
926	0.0000e+00	0.0000e+00	5.7485e-03	-2.5558e-05	-1.9154e-05	0.0000e+00
927	0.0000e+00	0.0000e+00	4.8835e-03	-1.4141e-05	-1.5479e-05	0.0000e+00
928	0.0000e+00	0.0000e+00	4.5766e-03	-1.0382e-07	-1.4810e-05	0.0000e+00
929	0.0000e+00	0.0000e+00	4.8722e-03	1.3786e-05	-1.5688e-05	0.0000e+00
930	0.0000e+00	0.0000e+00	5.7133e-03	2.4764e-05	-1.9567e-05	0.0000e+00
931	0.0000e+00	0.0000e+00	6.8287e-03	2.3656e-05	-3.1346e-05	0.0000e+00
932	0.0000e+00	0.0000e+00	7.2579e-03	-4.1651e-05	2.0808e-05	0.0000e+00
933	0.0000e+00	0.0000e+00	5.8262e-03	-2.6603e-05	1.7771e-05	0.0000e+00
934	0.0000e+00	0.0000e+00	5.0045e-03	-1.2648e-05	1.0117e-05	0.0000e+00
935	0.0000e+00	0.0000e+00	4.7395e-03	3.7037e-08	7.2547e-06	0.0000e+00
936	0.0000e+00	0.0000e+00	5.0052e-03	1.2569e-05	9.7730e-06	0.0000e+00
937	0.0000e+00	0.0000e+00	5.8151e-03	2.6096e-05	1.7066e-05	0.0000e+00
938	0.0000e+00	0.0000e+00	7.2109e-03	4.0465e-05	1.9707e-05	0.0000e+00
939	0.0000e+00	0.0000e+00	4.5267e-03	-6.1123e-06	9.0298e-05	0.0000e+00
940	0.0000e+00	0.0000e+00	4.2632e-03	-5.8112e-06	4.9762e-05	0.0000e+00
941	0.0000e+00	0.0000e+00	4.0648e-03	-3.2287e-06	3.0362e-05	0.0000e+00
942	0.0000e+00	0.0000e+00	3.9996e-03	2.4065e-07	2.4691e-05	0.0000e+00
943	0.0000e+00	0.0000e+00	4.0837e-03	3.5760e-06	2.9879e-05	0.0000e+00
944	0.0000e+00	0.0000e+00	4.2895e-03	5.7666e-06	4.8763e-05	0.0000e+00
945	0.0000e+00	0.0000e+00	4.5389e-03	5.4775e-06	8.8717e-05	0.0000e+00
946	0.0000e+00	0.0000e+00	8.9647e-03	1.9050e-05	1.5919e-04	0.0000e+00
947	0.0000e+00	0.0000e+00	1.7671e-02	6.3187e-06	2.4882e-04	0.0000e+00
948	0.0000e+00	0.0000e+00	9.5196e-03	1.2231e-05	1.5998e-04	0.0000e+00
949	0.0000e+00	0.0000e+00	1.7798e-02	2.8578e-06	2.2635e-04	0.0000e+00
950	0.0000e+00	0.0000e+00	9.8131e-03	4.2881e-06	1.5825e-04	0.0000e+00
951	0.0000e+00	0.0000e+00	1.7853e-02	-1.6030e-06	2.1621e-04	0.0000e+00
952	0.0000e+00	0.0000e+00	9.8440e-03	-3.4996e-06	1.5850e-04	0.0000e+00
953	0.0000e+00	0.0000e+00	1.7894e-02	-1.2050e-06	2.1647e-04	0.0000e+00
954	0.0000e+00	0.0000e+00	9.6146e-03	-1.1320e-05	1.6073e-04	0.0000e+00
955	0.0000e+00	0.0000e+00	1.7921e-02	-1.2037e-06	2.2713e-04	0.0000e+00
956	0.0000e+00	0.0000e+00	9.1295e-03	-1.7926e-05	1.6047e-04	0.0000e+00
957	0.0000e+00	0.0000e+00	1.7881e-02	-4.0677e-06	2.5013e-04	0.0000e+00

958	0.0000e+00	0.0000e+00	-4.0352e-03	1.0924e-05	8.6742e-05	0.0000e+00
959	0.0000e+00	0.0000e+00	4.3757e-03	9.8704e-06	9.1816e-05	0.0000e+00
960	0.0000e+00	0.0000e+00	4.5993e-03	3.8905e-06	9.4095e-05	0.0000e+00
961	0.0000e+00	0.0000e+00	4.6215e-03	-3.4092e-06	9.4318e-05	0.0000e+00
962	0.0000e+00	0.0000e+00	4.4439e-03	-9.3077e-06	9.2498e-05	0.0000e+00
963	0.0000e+00	0.0000e+00	-4.1531e-03	-1.0178e-05	8.7922e-05	0.0000e+00
964	0.0000e+00	0.0000e+00	-1.8604e-03	5.8618e-06	3.5507e-05	0.0000e+00
965	0.0000e+00	0.0000e+00	-1.9696e-03	5.6156e-06	3.8496e-05	0.0000e+00
966	0.0000e+00	0.0000e+00	-2.0520e-03	2.3278e-06	4.0592e-05	0.0000e+00
967	0.0000e+00	0.0000e+00	-2.0650e-03	-2.1013e-06	4.0797e-05	0.0000e+00
968	0.0000e+00	0.0000e+00	-2.0088e-03	-5.3312e-06	3.9126e-05	0.0000e+00
969	0.0000e+00	0.0000e+00	-1.9251e-03	-5.4447e-06	3.6591e-05	0.0000e+00
970	0.0000e+00	0.0000e+00	-9.3658e-04	3.2755e-06	-2.2029e-05	0.0000e+00
971	0.0000e+00	0.0000e+00	-9.9511e-04	2.5723e-06	-2.0974e-05	0.0000e+00
972	0.0000e+00	0.0000e+00	-1.0335e-03	9.8918e-07	-2.0184e-05	0.0000e+00
973	0.0000e+00	0.0000e+00	-1.0382e-03	-9.4423e-07	-2.0283e-05	0.0000e+00
974	0.0000e+00	0.0000e+00	-1.0093e-03	-2.4931e-06	-2.1236e-05	0.0000e+00
975	0.0000e+00	0.0000e+00	-9.6057e-04	-3.1269e-06	-2.2393e-05	0.0000e+00
976	0.0000e+00	0.0000e+00	1.3922e-03	1.7635e-06	-4.1861e-05	0.0000e+00
977	0.0000e+00	0.0000e+00	1.4261e-03	-4.0893e-07	-3.9893e-05	0.0000e+00
978	0.0000e+00	0.0000e+00	1.4238e-03	-2.0326e-07	-3.8129e-05	0.0000e+00
979	0.0000e+00	0.0000e+00	1.4220e-03	1.5662e-07	-3.8130e-05	0.0000e+00
980	0.0000e+00	0.0000e+00	1.4211e-03	4.5449e-07	-3.9890e-05	0.0000e+00
981	0.0000e+00	0.0000e+00	1.3851e-03	-1.8046e-06	-4.1836e-05	0.0000e+00
982	0.0000e+00	0.0000e+00	3.4388e-03	-6.1013e-07	-5.4030e-05	0.0000e+00
983	0.0000e+00	0.0000e+00	3.3503e-03	-3.0663e-06	-5.0317e-05	0.0000e+00
984	0.0000e+00	0.0000e+00	3.2452e-03	-1.6053e-06	-4.7355e-05	0.0000e+00
985	0.0000e+00	0.0000e+00	3.2428e-03	1.4925e-06	-4.7358e-05	0.0000e+00
986	0.0000e+00	0.0000e+00	3.3435e-03	2.9737e-06	-5.0324e-05	0.0000e+00
987	0.0000e+00	0.0000e+00	3.4284e-03	6.8059e-07	-5.4034e-05	0.0000e+00
988	0.0000e+00	0.0000e+00	5.7917e-03	-5.3046e-06	-5.2385e-05	0.0000e+00
989	0.0000e+00	0.0000e+00	5.4757e-03	-8.7326e-06	-4.5078e-05	0.0000e+00
990	0.0000e+00	0.0000e+00	5.2050e-03	-3.9257e-06	-4.0286e-05	0.0000e+00
991	0.0000e+00	0.0000e+00	5.2030e-03	3.8166e-06	-4.0299e-05	0.0000e+00
992	0.0000e+00	0.0000e+00	5.4699e-03	8.6378e-06	-4.5116e-05	0.0000e+00
993	0.0000e+00	0.0000e+00	5.7829e-03	5.2410e-06	-5.2447e-05	0.0000e+00
994	0.0000e+00	0.0000e+00	7.6806e-03	-1.5645e-05	-3.1667e-05	0.0000e+00
995	0.0000e+00	0.0000e+00	6.9687e-03	-1.7286e-05	-2.0322e-05	0.0000e+00
996	0.0000e+00	0.0000e+00	6.4826e-03	-6.7372e-06	-1.5937e-05	0.0000e+00
997	0.0000e+00	0.0000e+00	6.4812e-03	6.6585e-06	-1.5954e-05	0.0000e+00
998	0.0000e+00	0.0000e+00	6.9649e-03	1.7222e-05	-2.0373e-05	0.0000e+00
999	0.0000e+00	0.0000e+00	7.6751e-03	1.5608e-05	-3.1756e-05	0.0000e+00
1000	0.0000e+00	0.0000e+00	8.0299e-03	-3.4550e-05	2.1343e-05	0.0000e+00
1001	0.0000e+00	0.0000e+00	6.9532e-03	-2.1446e-05	2.3555e-05	0.0000e+00
1002	0.0000e+00	0.0000e+00	6.4149e-03	-7.0236e-06	1.9437e-05	0.0000e+00
1003	0.0000e+00	0.0000e+00	6.4143e-03	6.9819e-06	1.9420e-05	0.0000e+00
1004	0.0000e+00	0.0000e+00	6.9515e-03	2.1416e-05	2.3508e-05	0.0000e+00
1005	0.0000e+00	0.0000e+00	8.0279e-03	3.4555e-05	2.1275e-05	0.0000e+00
1006	0.0000e+00	0.0000e+00	5.0473e-03	-1.9700e-06	9.9604e-05	0.0000e+00
1007	0.0000e+00	0.0000e+00	4.9581e-03	-2.3795e-06	6.3433e-05	0.0000e+00
1008	0.0000e+00	0.0000e+00	4.8902e-03	-9.8335e-07	4.6982e-05	0.0000e+00
1009	0.0000e+00	0.0000e+00	4.8902e-03	9.7259e-07	4.6969e-05	0.0000e+00
1010	0.0000e+00	0.0000e+00	4.9584e-03	2.3738e-06	6.3394e-05	0.0000e+00
1011	0.0000e+00	0.0000e+00	5.0483e-03	1.9872e-06	9.9545e-05	0.0000e+00
1012	0.0000e+00	0.0000e+00	9.0970e-03	1.7960e-05	1.6037e-04	0.0000e+00
1013	0.0000e+00	0.0000e+00	1.7851e-02	4.0858e-06	2.5008e-04	0.0000e+00
1014	0.0000e+00	0.0000e+00	9.5822e-03	1.1355e-05	1.6063e-04	0.0000e+00
1015	0.0000e+00	0.0000e+00	1.7890e-02	1.3633e-06	2.2706e-04	0.0000e+00
1016	0.0000e+00	0.0000e+00	9.8106e-03	3.5639e-06	1.5839e-04	0.0000e+00
1017	0.0000e+00	0.0000e+00	1.7861e-02	1.4182e-06	2.1639e-04	0.0000e+00
1018	0.0000e+00	0.0000e+00	9.7773e-03	-4.3118e-06	1.5813e-04	0.0000e+00
1019	0.0000e+00	0.0000e+00	1.7819e-02	1.7833e-06	2.1613e-04	0.0000e+00
1020	0.0000e+00	0.0000e+00	9.4804e-03	-1.2227e-05	1.5985e-04	0.0000e+00
1021	0.0000e+00	0.0000e+00	1.7761e-02	-2.9773e-06	2.2627e-04	0.0000e+00
1022	0.0000e+00	0.0000e+00	8.9211e-03	-1.9040e-05	1.5905e-04	0.0000e+00
1023	0.0000e+00	0.0000e+00	1.7633e-02	-6.3812e-06	2.4876e-04	0.0000e+00
1024	0.0000e+00	0.0000e+00	-4.1208e-03	1.0196e-05	8.7768e-05	0.0000e+00
1025	0.0000e+00	0.0000e+00	4.4113e-03	9.3316e-06	9.2348e-05	0.0000e+00
1026	0.0000e+00	0.0000e+00	4.5879e-03	3.4453e-06	9.4162e-05	0.0000e+00
1027	0.0000e+00	0.0000e+00	4.5632e-03	-3.8964e-06	9.3927e-05	0.0000e+00
1028	0.0000e+00	0.0000e+00	4.3353e-03	-9.8646e-06	9.1630e-05	0.0000e+00
1029	0.0000e+00	0.0000e+00	-3.9893e-03	-1.0920e-05	8.6531e-05	0.0000e+00

1030	0.0000e+00	0.0000e+00	-1.9009e-03	5.4528e-06	3.6347e-05	0.0000e+00
1031	0.0000e+00	0.0000e+00	-1.9829e-03	5.3470e-06	3.8884e-05	0.0000e+00
1032	0.0000e+00	0.0000e+00	-2.0374e-03	2.1249e-06	4.0551e-05	0.0000e+00
1033	0.0000e+00	0.0000e+00	-2.0220e-03	-2.3277e-06	4.0326e-05	0.0000e+00
1034	0.0000e+00	0.0000e+00	-1.9361e-03	-5.6099e-06	3.8194e-05	0.0000e+00
1035	0.0000e+00	0.0000e+00	-1.8233e-03	-5.8592e-06	3.5160e-05	0.0000e+00
1036	0.0000e+00	0.0000e+00	-9.4972e-04	3.1325e-06	-2.2180e-05	0.0000e+00
1037	0.0000e+00	0.0000e+00	-9.9728e-04	2.5034e-06	-2.0989e-05	0.0000e+00
1038	0.0000e+00	0.0000e+00	-1.0251e-03	9.5906e-07	-2.0004e-05	0.0000e+00
1039	0.0000e+00	0.0000e+00	-1.0191e-03	-9.8585e-07	-1.9882e-05	0.0000e+00
1040	0.0000e+00	0.0000e+00	-9.7911e-04	-2.5653e-06	-2.0662e-05	0.0000e+00
1041	0.0000e+00	0.0000e+00	-9.1901e-04	-3.2687e-06	-2.1718e-05	0.0000e+00
1042	0.0000e+00	0.0000e+00	1.3838e-03	1.8133e-06	-4.1788e-05	0.0000e+00
1043	0.0000e+00	0.0000e+00	1.4203e-03	-4.4630e-07	-3.9834e-05	0.0000e+00
1044	0.0000e+00	0.0000e+00	1.4217e-03	-1.3575e-07	-3.8066e-05	0.0000e+00
1045	0.0000e+00	0.0000e+00	1.4239e-03	2.2286e-07	-3.8059e-05	0.0000e+00
1046	0.0000e+00	0.0000e+00	1.4266e-03	4.1257e-07	-3.9822e-05	0.0000e+00
1047	0.0000e+00	0.0000e+00	1.3934e-03	-1.7498e-06	-4.1792e-05	0.0000e+00
1048	0.0000e+00	0.0000e+00	3.4274e-03	-6.6839e-07	-5.4025e-05	0.0000e+00
1049	0.0000e+00	0.0000e+00	3.3433e-03	-2.9576e-06	-5.0315e-05	0.0000e+00
1050	0.0000e+00	0.0000e+00	3.2432e-03	-1.4794e-06	-4.7345e-05	0.0000e+00
1051	0.0000e+00	0.0000e+00	3.2461e-03	1.6192e-06	-4.7339e-05	0.0000e+00
1052	0.0000e+00	0.0000e+00	3.3518e-03	3.0829e-06	-5.0301e-05	0.0000e+00
1053	0.0000e+00	0.0000e+00	3.4410e-03	6.1814e-07	-5.4018e-05	0.0000e+00
1054	0.0000e+00	0.0000e+00	5.7819e-03	-5.2158e-06	-5.2451e-05	0.0000e+00
1055	0.0000e+00	0.0000e+00	5.4697e-03	-8.6219e-06	-4.5122e-05	0.0000e+00
1056	0.0000e+00	0.0000e+00	5.2033e-03	-3.8071e-06	-4.0301e-05	0.0000e+00
1057	0.0000e+00	0.0000e+00	5.2056e-03	3.9374e-06	-4.0283e-05	0.0000e+00
1058	0.0000e+00	0.0000e+00	5.4769e-03	8.7519e-06	-4.5074e-05	0.0000e+00
1059	0.0000e+00	0.0000e+00	5.7939e-03	5.3317e-06	-5.2388e-05	0.0000e+00
1060	0.0000e+00	0.0000e+00	7.6744e-03	-1.5572e-05	-3.1768e-05	0.0000e+00
1061	0.0000e+00	0.0000e+00	6.9651e-03	-1.7209e-05	-2.0386e-05	0.0000e+00
1062	0.0000e+00	0.0000e+00	6.4817e-03	-6.6564e-06	-1.5960e-05	0.0000e+00
1063	0.0000e+00	0.0000e+00	6.4831e-03	6.7424e-06	-1.5933e-05	0.0000e+00
1064	0.0000e+00	0.0000e+00	6.9696e-03	1.7307e-05	-2.0312e-05	0.0000e+00
1065	0.0000e+00	0.0000e+00	7.6828e-03	1.5687e-05	-3.1663e-05	0.0000e+00
1066	0.0000e+00	0.0000e+00	8.0279e-03	-3.4512e-05	2.1253e-05	0.0000e+00
1067	0.0000e+00	0.0000e+00	6.9523e-03	-2.1412e-05	2.3497e-05	0.0000e+00
1068	0.0000e+00	0.0000e+00	6.4149e-03	-6.9911e-06	1.9419e-05	0.0000e+00
1069	0.0000e+00	0.0000e+00	6.4151e-03	7.0177e-06	1.9445e-05	0.0000e+00
1070	0.0000e+00	0.0000e+00	6.9535e-03	2.1459e-05	2.3574e-05	0.0000e+00
1071	0.0000e+00	0.0000e+00	8.0315e-03	3.4607e-05	2.1372e-05	0.0000e+00
1072	0.0000e+00	0.0000e+00	5.0484e-03	-1.9501e-06	9.9563e-05	0.0000e+00
1073	0.0000e+00	0.0000e+00	4.9592e-03	-2.3744e-06	6.3404e-05	0.0000e+00
1074	0.0000e+00	0.0000e+00	4.8907e-03	-9.8792e-07	4.6976e-05	0.0000e+00
1075	0.0000e+00	0.0000e+00	4.8900e-03	9.7180e-07	4.6989e-05	0.0000e+00
1076	0.0000e+00	0.0000e+00	4.9577e-03	2.3811e-06	6.3443e-05	0.0000e+00
1077	0.0000e+00	0.0000e+00	5.0477e-03	2.0093e-06	9.9621e-05	0.0000e+00
1078	0.0000e+00	0.0000e+00	-2.1043e-04	1.0304e-05	7.7936e-05	0.0000e+00
1079	0.0000e+00	0.0000e+00	3.3910e-04	1.5552e-05	6.1781e-05	0.0000e+00
1080	0.0000e+00	0.0000e+00	8.7786e-04	1.2226e-05	4.9521e-05	0.0000e+00
1081	0.0000e+00	0.0000e+00	1.3037e-03	9.5699e-06	3.8356e-05	0.0000e+00
1082	0.0000e+00	0.0000e+00	1.6432e-03	7.5725e-06	3.0870e-05	0.0000e+00
1083	0.0000e+00	0.0000e+00	1.9066e-03	5.4500e-06	2.7342e-05	0.0000e+00
1084	0.0000e+00	0.0000e+00	2.0691e-03	2.1157e-06	2.8042e-05	0.0000e+00
1085	0.0000e+00	0.0000e+00	2.0582e-03	-3.9073e-06	3.3142e-05	0.0000e+00
1086	0.0000e+00	0.0000e+00	1.7427e-03	-1.4385e-05	4.2133e-05	0.0000e+00
1087	0.0000e+00	0.0000e+00	9.3912e-04	-2.9417e-05	4.5233e-05	0.0000e+00
1088	0.0000e+00	0.0000e+00	3.7116e-04	1.3871e-06	3.7372e-05	0.0000e+00
1089	0.0000e+00	0.0000e+00	-3.3669e-03	2.0723e-05	7.7395e-05	0.0000e+00
1090	0.0000e+00	0.0000e+00	-2.4288e-03	2.5505e-05	6.4816e-05	0.0000e+00
1091	0.0000e+00	0.0000e+00	-1.4528e-03	2.3268e-05	5.7350e-05	0.0000e+00
1092	0.0000e+00	0.0000e+00	-6.2910e-04	1.8701e-05	4.9305e-05	0.0000e+00
1093	0.0000e+00	0.0000e+00	1.5920e-04	1.3713e-05	4.2701e-05	0.0000e+00
1094	0.0000e+00	0.0000e+00	5.0448e-04	8.3489e-06	3.7934e-05	0.0000e+00
1095	0.0000e+00	0.0000e+00	7.1352e-04	2.0025e-06	3.4791e-05	0.0000e+00
1096	0.0000e+00	0.0000e+00	6.5347e-04	-5.8184e-06	3.2200e-05	0.0000e+00
1097	0.0000e+00	0.0000e+00	2.8855e-04	-1.3724e-05	2.7882e-05	0.0000e+00
1098	0.0000e+00	0.0000e+00	-3.4043e-04	-1.4303e-05	1.7870e-05	0.0000e+00
1099	0.0000e+00	0.0000e+00	-6.1294e-04	2.2355e-06	1.0521e-05	0.0000e+00
1100	0.0000e+00	0.0000e+00	-6.7748e-03	2.9651e-05	8.8442e-05	0.0000e+00
1101	0.0000e+00	0.0000e+00	-5.5084e-03	3.3040e-05	7.7430e-05	0.0000e+00

1102	0.0000e+00	0.0000e+00	-4.2229e-03	3.0861e-05	7.1665e-05	0.0000e+00
1103	0.0000e+00	0.0000e+00	-3.0867e-03	2.5908e-05	6.5499e-05	0.0000e+00
1104	0.0000e+00	0.0000e+00	-2.1707e-03	1.9926e-05	5.9669e-05	0.0000e+00
1105	0.0000e+00	0.0000e+00	-1.4990e-03	1.3604e-05	5.4166e-05	0.0000e+00
1106	0.0000e+00	0.0000e+00	-1.0810e-03	7.1130e-06	4.8528e-05	0.0000e+00
1107	0.0000e+00	0.0000e+00	-9.1818e-04	8.6907e-07	4.1709e-05	0.0000e+00
1108	0.0000e+00	0.0000e+00	-9.7932e-04	-3.7280e-06	3.2735e-05	0.0000e+00
1109	0.0000e+00	0.0000e+00	-1.1403e-03	-3.4421e-06	2.2823e-05	0.0000e+00
1110	0.0000e+00	0.0000e+00	-1.1653e-03	2.8899e-06	1.7674e-05	0.0000e+00
1111	0.0000e+00	0.0000e+00	-1.0907e-02	3.7595e-05	1.0969e-04	0.0000e+00
1112	0.0000e+00	0.0000e+00	-9.3508e-03	3.9610e-05	9.9889e-05	0.0000e+00
1113	0.0000e+00	0.0000e+00	-7.8121e-03	3.6959e-05	9.4901e-05	0.0000e+00
1114	0.0000e+00	0.0000e+00	-6.4315e-03	3.1921e-05	8.9648e-05	0.0000e+00
1115	0.0000e+00	0.0000e+00	-5.2765e-03	2.5839e-05	8.4515e-05	0.0000e+00
1116	0.0000e+00	0.0000e+00	-4.3692e-03	1.9673e-05	7.9378e-05	0.0000e+00
1117	0.0000e+00	0.0000e+00	-3.6986e-03	1.4138e-05	7.3804e-05	0.0000e+00
1118	0.0000e+00	0.0000e+00	-3.2284e-03	9.7999e-06	6.6992e-05	0.0000e+00
1119	0.0000e+00	0.0000e+00	-2.9042e-03	6.8993e-06	5.8521e-05	0.0000e+00
1120	0.0000e+00	0.0000e+00	-2.6726e-03	5.0238e-06	4.9995e-05	0.0000e+00
1121	0.0000e+00	0.0000e+00	-2.5065e-03	3.4510e-06	4.5863e-05	0.0000e+00
1122	0.0000e+00	0.0000e+00	-1.6180e-02	4.5061e-05	1.3977e-04	0.0000e+00
1123	0.0000e+00	0.0000e+00	-1.4358e-02	4.5479e-05	1.3095e-04	0.0000e+00
1124	0.0000e+00	0.0000e+00	-1.2591e-02	4.2458e-05	1.2609e-04	0.0000e+00
1125	0.0000e+00	0.0000e+00	-1.0990e-02	3.7254e-05	1.2100e-04	0.0000e+00
1126	0.0000e+00	0.0000e+00	-9.6284e-03	3.0834e-05	1.1660e-04	0.0000e+00
1127	0.0000e+00	0.0000e+00	-8.5295e-03	2.4447e-05	1.1309e-04	0.0000e+00
1128	0.0000e+00	0.0000e+00	-7.6684e-03	1.9315e-05	1.1027e-04	0.0000e+00
1129	0.0000e+00	0.0000e+00	-6.9767e-03	1.6312e-05	1.0745e-04	0.0000e+00
1130	0.0000e+00	0.0000e+00	-6.3698e-03	1.5080e-05	1.0350e-04	0.0000e+00
1131	0.0000e+00	0.0000e+00	-5.8237e-03	1.2248e-05	9.7451e-05	0.0000e+00
1132	0.0000e+00	0.0000e+00	-5.4969e-03	3.7087e-06	9.3772e-05	0.0000e+00
1133	0.0000e+00	0.0000e+00	-2.2944e-02	5.2729e-05	1.7720e-04	0.0000e+00
1134	0.0000e+00	0.0000e+00	-2.0846e-02	5.1792e-05	1.6758e-04	0.0000e+00
1135	0.0000e+00	0.0000e+00	-1.8820e-02	4.8857e-05	1.6076e-04	0.0000e+00
1136	0.0000e+00	0.0000e+00	-1.6984e-02	4.2592e-05	1.5469e-04	0.0000e+00
1137	0.0000e+00	0.0000e+00	-1.5447e-02	3.4338e-05	1.5100e-04	0.0000e+00
1138	0.0000e+00	0.0000e+00	-1.4251e-02	2.5904e-05	1.5016e-04	0.0000e+00
1139	0.0000e+00	0.0000e+00	-1.3371e-02	1.8977e-05	1.5236e-04	0.0000e+00
1140	0.0000e+00	0.0000e+00	-1.2718e-02	1.5107e-05	1.5749e-04	0.0000e+00
1141	0.0000e+00	0.0000e+00	-1.2149e-02	1.5443e-05	1.6453e-04	0.0000e+00
1142	0.0000e+00	0.0000e+00	-1.1521e-02	1.8158e-05	1.6859e-04	0.0000e+00
1143	0.0000e+00	0.0000e+00	-1.1084e-02	3.6001e-06	1.6724e-04	0.0000e+00
1144	0.0000e+00	0.0000e+00	-2.8893e-02	6.1674e-05	2.0039e-04	0.0000e+00
1145	0.0000e+00	0.0000e+00	-2.6435e-02	5.6575e-05	1.8778e-04	0.0000e+00
1146	0.0000e+00	0.0000e+00	-2.4302e-02	4.7152e-05	1.8032e-04	0.0000e+00
1147	0.0000e+00	0.0000e+00	-2.2627e-02	3.5347e-05	1.7777e-04	0.0000e+00
1148	0.0000e+00	0.0000e+00	-2.1467e-02	2.2908e-05	1.8028e-04	0.0000e+00
1149	0.0000e+00	0.0000e+00	-2.0814e-02	1.1415e-05	1.8841e-04	0.0000e+00
1150	0.0000e+00	0.0000e+00	-2.0598e-02	2.3370e-06	2.0323e-04	0.0000e+00
1151	0.0000e+00	0.0000e+00	-2.0697e-02	-2.9682e-06	2.2660e-04	0.0000e+00
1152	0.0000e+00	0.0000e+00	-2.0928e-02	-3.0697e-06	2.6150e-04	0.0000e+00
1153	0.0000e+00	0.0000e+00	1.1816e-03	3.2433e-05	4.5390e-05	0.0000e+00
1154	0.0000e+00	0.0000e+00	2.1563e-03	1.5801e-05	3.7548e-05	0.0000e+00
1155	0.0000e+00	0.0000e+00	2.5985e-03	6.5037e-06	2.6248e-05	0.0000e+00
1156	0.0000e+00	0.0000e+00	2.7662e-03	2.1344e-06	1.9764e-05	0.0000e+00
1157	0.0000e+00	0.0000e+00	2.8088e-03	8.3922e-08	1.8025e-05	0.0000e+00
1158	0.0000e+00	0.0000e+00	2.7780e-03	-1.7536e-06	2.0852e-05	0.0000e+00
1159	0.0000e+00	0.0000e+00	2.6345e-03	-5.6957e-06	2.8463e-05	0.0000e+00
1160	0.0000e+00	0.0000e+00	2.2410e-03	-1.4300e-05	4.0972e-05	0.0000e+00
1161	0.0000e+00	0.0000e+00	1.3479e-03	-3.0033e-05	5.0193e-05	0.0000e+00
1162	0.0000e+00	0.0000e+00	6.3452e-04	1.8407e-06	4.3876e-05	0.0000e+00
1163	0.0000e+00	0.0000e+00	1.0948e-04	2.0126e-05	1.7431e-05	0.0000e+00
1164	0.0000e+00	0.0000e+00	8.1379e-04	1.8262e-05	2.6351e-05	0.0000e+00
1165	0.0000e+00	0.0000e+00	1.4264e-03	1.0538e-05	2.8095e-05	0.0000e+00
1166	0.0000e+00	0.0000e+00	1.7325e-03	4.1847e-06	2.8051e-05	0.0000e+00
1167	0.0000e+00	0.0000e+00	1.8057e-03	-5.3086e-07	2.8391e-05	0.0000e+00
1168	0.0000e+00	0.0000e+00	1.6853e-03	-5.1464e-06	2.9712e-05	0.0000e+00
1169	0.0000e+00	0.0000e+00	1.3433e-03	-1.1107e-05	3.1424e-05	0.0000e+00
1170	0.0000e+00	0.0000e+00	7.1700e-04	-1.8202e-05	3.1351e-05	0.0000e+00
1171	0.0000e+00	0.0000e+00	-1.5605e-04	-1.9282e-05	2.4072e-05	0.0000e+00
1172	0.0000e+00	0.0000e+00	-6.3008e-04	-6.7614e-07	1.8645e-05	0.0000e+00
1173	0.0000e+00	0.0000e+00	-8.6300e-04	1.0177e-05	2.2352e-05	0.0000e+00

1174	0.0000e+00	0.0000e+00	-3.8173e-04	1.0748e-05	3.2019e-05	0.0000e+00
1175	0.0000e+00	0.0000e+00	4.5565e-05	7.0400e-06	3.9325e-05	0.0000e+00
1176	0.0000e+00	0.0000e+00	2.0984e-04	2.5573e-06	4.3390e-05	0.0000e+00
1177	0.0000e+00	0.0000e+00	2.3095e-04	-1.5290e-06	4.5364e-05	0.0000e+00
1178	0.0000e+00	0.0000e+00	7.9007e-05	-5.5095e-06	4.5803e-05	0.0000e+00
1179	0.0000e+00	0.0000e+00	-2.5300e-04	-9.5787e-06	4.4131e-05	0.0000e+00
1180	0.0000e+00	0.0000e+00	-7.4347e-04	-1.2583e-05	3.9142e-05	0.0000e+00
1181	0.0000e+00	0.0000e+00	-1.2838e-03	-1.1024e-05	3.1573e-05	0.0000e+00
1182	0.0000e+00	0.0000e+00	-1.5976e-03	-2.5289e-06	2.8478e-05	0.0000e+00
1183	0.0000e+00	0.0000e+00	-2.3815e-03	2.3222e-06	4.9780e-05	0.0000e+00
1184	0.0000e+00	0.0000e+00	-2.2885e-03	1.7836e-06	5.8398e-05	0.0000e+00
1185	0.0000e+00	0.0000e+00	-2.2247e-03	8.0747e-07	6.5847e-05	0.0000e+00
1186	0.0000e+00	0.0000e+00	-2.2211e-03	-7.9708e-07	7.0574e-05	0.0000e+00
1187	0.0000e+00	0.0000e+00	-2.3048e-03	-2.9421e-06	7.3132e-05	0.0000e+00
1188	0.0000e+00	0.0000e+00	-2.4815e-03	-4.9132e-06	7.3923e-05	0.0000e+00
1189	0.0000e+00	0.0000e+00	-2.7324e-03	-6.1669e-06	7.2524e-05	0.0000e+00
1190	0.0000e+00	0.0000e+00	-3.0152e-03	-6.2628e-06	6.8317e-05	0.0000e+00
1191	0.0000e+00	0.0000e+00	-3.2788e-03	-5.4155e-06	6.2690e-05	0.0000e+00
1192	0.0000e+00	0.0000e+00	-3.4996e-03	-4.4909e-06	6.1139e-05	0.0000e+00
1193	0.0000e+00	0.0000e+00	-5.5352e-03	-4.6894e-06	9.7807e-05	0.0000e+00
1194	0.0000e+00	0.0000e+00	-5.7609e-03	-5.2642e-06	1.0405e-04	0.0000e+00
1195	0.0000e+00	0.0000e+00	-5.9458e-03	-3.8585e-06	1.0744e-04	0.0000e+00
1196	0.0000e+00	0.0000e+00	-6.1013e-03	-3.7817e-06	1.0955e-04	0.0000e+00
1197	0.0000e+00	0.0000e+00	-6.2883e-03	-4.8486e-06	1.1158e-04	0.0000e+00
1198	0.0000e+00	0.0000e+00	-6.5293e-03	-5.7778e-06	1.1394e-04	0.0000e+00
1199	0.0000e+00	0.0000e+00	-6.7885e-03	-5.2568e-06	1.1624e-04	0.0000e+00
1200	0.0000e+00	0.0000e+00	-6.9878e-03	-2.9816e-06	1.1725e-04	0.0000e+00
1201	0.0000e+00	0.0000e+00	-7.0895e-03	-1.9106e-06	1.1533e-04	0.0000e+00
1202	0.0000e+00	0.0000e+00	-7.2817e-03	-7.3538e-06	1.1525e-04	0.0000e+00
1203	0.0000e+00	0.0000e+00	-1.1265e-02	-1.0241e-05	1.6973e-04	0.0000e+00
1204	0.0000e+00	0.0000e+00	-1.1562e-02	-5.1257e-06	1.6482e-04	0.0000e+00
1205	0.0000e+00	0.0000e+00	-1.1704e-02	-2.8094e-06	1.5819e-04	0.0000e+00
1206	0.0000e+00	0.0000e+00	-1.1839e-02	-4.0968e-06	1.5470e-04	0.0000e+00
1207	0.0000e+00	0.0000e+00	-1.2084e-02	-7.2660e-06	1.5526e-04	0.0000e+00
1208	0.0000e+00	0.0000e+00	-1.2479e-02	-1.0308e-05	1.6005e-04	0.0000e+00
1209	0.0000e+00	0.0000e+00	-1.2972e-02	-1.1188e-05	1.6897e-04	0.0000e+00
1210	0.0000e+00	0.0000e+00	-1.3431e-02	-8.0607e-06	1.8116e-04	0.0000e+00
1211	0.0000e+00	0.0000e+00	-1.3681e-02	-1.6707e-06	1.9184e-04	0.0000e+00
1212	0.0000e+00	0.0000e+00	-1.3946e-02	-1.2036e-05	1.9539e-04	0.0000e+00
1213	0.0000e+00	0.0000e+00	-2.0643e-02	9.9163e-06	2.5919e-04	0.0000e+00
1214	0.0000e+00	0.0000e+00	-2.0081e-02	1.0621e-05	2.2492e-04	0.0000e+00
1215	0.0000e+00	0.0000e+00	-1.9629e-02	6.3894e-06	2.0448e-04	0.0000e+00
1216	0.0000e+00	0.0000e+00	-1.9465e-02	-9.0757e-07	1.9442e-04	0.0000e+00
1217	0.0000e+00	0.0000e+00	-1.9696e-02	-1.0042e-05	1.9317e-04	0.0000e+00
1218	0.0000e+00	0.0000e+00	-2.0352e-02	-1.8970e-05	2.0033e-04	0.0000e+00
1219	0.0000e+00	0.0000e+00	-2.1394e-02	-2.6085e-05	2.1644e-04	0.0000e+00
1220	0.0000e+00	0.0000e+00	-2.2706e-02	-2.9577e-05	2.4317e-04	0.0000e+00
1221	0.0000e+00	0.0000e+00	-2.4086e-02	-2.7473e-05	2.8412e-04	0.0000e+00
1222	0.0000e+00	0.0000e+00	6.4272e-04	-1.8303e-06	4.3953e-05	0.0000e+00
1223	0.0000e+00	0.0000e+00	1.3533e-03	2.9943e-05	5.0366e-05	0.0000e+00
1224	0.0000e+00	0.0000e+00	2.2391e-03	1.4105e-05	4.1227e-05	0.0000e+00
1225	0.0000e+00	0.0000e+00	2.6224e-03	5.4375e-06	2.8849e-05	0.0000e+00
1226	0.0000e+00	0.0000e+00	2.7539e-03	1.4784e-06	2.1416e-05	0.0000e+00
1227	0.0000e+00	0.0000e+00	2.7730e-03	-3.5426e-07	1.8804e-05	0.0000e+00
1228	0.0000e+00	0.0000e+00	2.7229e-03	-2.2232e-06	2.0780e-05	0.0000e+00
1229	0.0000e+00	0.0000e+00	2.5569e-03	-6.3018e-06	2.7513e-05	0.0000e+00
1230	0.0000e+00	0.0000e+00	2.1331e-03	-1.5136e-05	3.9051e-05	0.0000e+00
1231	0.0000e+00	0.0000e+00	1.2026e-03	-3.1065e-05	4.7201e-05	0.0000e+00
1232	0.0000e+00	0.0000e+00	4.4944e-04	5.5600e-07	3.8467e-05	0.0000e+00
1233	0.0000e+00	0.0000e+00	-6.3506e-04	6.3396e-07	1.8929e-05	0.0000e+00
1234	0.0000e+00	0.0000e+00	-1.7206e-04	1.9084e-05	2.4502e-05	0.0000e+00
1235	0.0000e+00	0.0000e+00	6.9730e-04	1.7873e-05	3.1942e-05	0.0000e+00
1236	0.0000e+00	0.0000e+00	1.3057e-03	1.0669e-05	3.2219e-05	0.0000e+00
1237	0.0000e+00	0.0000e+00	1.6264e-03	4.6429e-06	3.0761e-05	0.0000e+00
1238	0.0000e+00	0.0000e+00	1.7243e-03	4.5663e-08	2.9742e-05	0.0000e+00
1239	0.0000e+00	0.0000e+00	1.6314e-03	-4.5593e-06	2.9736e-05	0.0000e+00
1240	0.0000e+00	0.0000e+00	1.3144e-03	-1.0624e-05	3.0128e-05	0.0000e+00
1241	0.0000e+00	0.0000e+00	7.0812e-04	-1.7854e-05	2.8708e-05	0.0000e+00
1242	0.0000e+00	0.0000e+00	-1.6191e-04	-1.8953e-05	2.0098e-05	0.0000e+00
1243	0.0000e+00	0.0000e+00	-6.1390e-04	-2.8575e-07	1.3404e-05	0.0000e+00
1244	0.0000e+00	0.0000e+00	-1.6176e-03	2.2848e-06	2.8998e-05	0.0000e+00
1245	0.0000e+00	0.0000e+00	-1.3179e-03	1.0635e-05	3.2317e-05	0.0000e+00

1246	0.0000e+00	0.0000e+00	-7.9833e-04	1.2030e-05	4.0143e-05	0.0000e+00
1247	0.0000e+00	0.0000e+00	-3.3566e-04	8.8669e-06	4.5440e-05	0.0000e+00
1248	0.0000e+00	0.0000e+00	-4.5165e-05	4.6815e-06	4.7478e-05	0.0000e+00
1249	0.0000e+00	0.0000e+00	7.9111e-05	6.7649e-07	4.7459e-05	0.0000e+00
1250	0.0000e+00	0.0000e+00	-3.2530e-05	-3.3360e-06	4.5949e-05	0.0000e+00
1251	0.0000e+00	0.0000e+00	-2.1627e-04	-7.5214e-06	4.2365e-05	0.0000e+00
1252	0.0000e+00	0.0000e+00	-6.1767e-04	-1.0677e-05	3.5517e-05	0.0000e+00
1253	0.0000e+00	0.0000e+00	-1.0760e-03	-9.2589e-06	2.6225e-05	0.0000e+00
1254	0.0000e+00	0.0000e+00	-1.3130e-03	-8.2523e-07	2.1577e-05	0.0000e+00
1255	0.0000e+00	0.0000e+00	-3.5478e-03	3.9975e-06	6.1930e-05	0.0000e+00
1256	0.0000e+00	0.0000e+00	-3.3528e-03	4.7425e-06	6.3797e-05	0.0000e+00
1257	0.0000e+00	0.0000e+00	-3.1239e-03	5.3732e-06	6.9793e-05	0.0000e+00
1258	0.0000e+00	0.0000e+00	-2.8855e-03	5.0586e-06	7.4433e-05	0.0000e+00
1259	0.0000e+00	0.0000e+00	-2.6879e-03	3.6279e-06	7.6336e-05	0.0000e+00
1260	0.0000e+00	0.0000e+00	-2.5710e-03	1.5811e-06	7.6115e-05	0.0000e+00
1261	0.0000e+00	0.0000e+00	-2.5480e-03	-5.5475e-07	7.4183e-05	0.0000e+00
1262	0.0000e+00	0.0000e+00	-2.6052e-03	-1.9276e-06	7.0113e-05	0.0000e+00
1263	0.0000e+00	0.0000e+00	-2.7032e-03	-2.2592e-06	6.3302e-05	0.0000e+00
1264	0.0000e+00	0.0000e+00	-2.7944e-03	-1.7328e-06	5.5214e-05	0.0000e+00
1265	0.0000e+00	0.0000e+00	-2.8598e-03	-1.2282e-06	5.1475e-05	0.0000e+00
1266	0.0000e+00	0.0000e+00	-7.3708e-03	6.5235e-06	1.1633e-04	0.0000e+00
1267	0.0000e+00	0.0000e+00	-7.2202e-03	9.6174e-07	1.1683e-04	0.0000e+00
1268	0.0000e+00	0.0000e+00	-7.1717e-03	1.6750e-06	1.1923e-04	0.0000e+00
1269	0.0000e+00	0.0000e+00	-7.0386e-03	3.6143e-06	1.1878e-04	0.0000e+00
1270	0.0000e+00	0.0000e+00	-6.8577e-03	3.8835e-06	1.1714e-04	0.0000e+00
1271	0.0000e+00	0.0000e+00	-6.7045e-03	2.8144e-06	1.1551e-04	0.0000e+00
1272	0.0000e+00	0.0000e+00	-6.6091e-03	1.8228e-06	1.1429e-04	0.0000e+00
1273	0.0000e+00	0.0000e+00	-6.5397e-03	2.2246e-06	1.1305e-04	0.0000e+00
1274	0.0000e+00	0.0000e+00	-6.4216e-03	4.2419e-06	1.1054e-04	0.0000e+00
1275	0.0000e+00	0.0000e+00	-6.2231e-03	4.8182e-06	1.0515e-04	0.0000e+00
1276	0.0000e+00	0.0000e+00	-6.1437e-03	-1.6819e-06	1.0180e-04	0.0000e+00
1277	0.0000e+00	0.0000e+00	-1.4088e-02	1.0784e-05	1.9673e-04	0.0000e+00
1278	0.0000e+00	0.0000e+00	-1.3884e-02	9.7734e-07	1.9369e-04	0.0000e+00
1279	0.0000e+00	0.0000e+00	-1.3712e-02	6.1278e-06	1.8360e-04	0.0000e+00
1280	0.0000e+00	0.0000e+00	-1.3346e-02	8.8750e-06	1.7210e-04	0.0000e+00
1281	0.0000e+00	0.0000e+00	-1.2962e-02	7.6569e-06	1.6396e-04	0.0000e+00
1282	0.0000e+00	0.0000e+00	-1.2690e-02	4.3843e-06	1.6004e-04	0.0000e+00
1283	0.0000e+00	0.0000e+00	-1.2575e-02	1.2740e-06	1.6046e-04	0.0000e+00
1284	0.0000e+00	0.0000e+00	-1.2568e-02	-8.3826e-07	1.6501e-04	0.0000e+00
1285	0.0000e+00	0.0000e+00	-1.2537e-02	3.1492e-06	1.7280e-04	0.0000e+00
1286	0.0000e+00	0.0000e+00	-1.2311e-02	9.3593e-06	1.7899e-04	0.0000e+00
1287	0.0000e+00	0.0000e+00	-1.2128e-02	-2.4305e-06	1.7747e-04	0.0000e+00
1288	0.0000e+00	0.0000e+00	-2.4376e-02	2.5312e-05	2.8621e-04	0.0000e+00
1289	0.0000e+00	0.0000e+00	-2.3100e-02	2.6974e-05	2.4593e-04	0.0000e+00
1290	0.0000e+00	0.0000e+00	-2.1913e-02	2.3032e-05	2.1994e-04	0.0000e+00
1291	0.0000e+00	0.0000e+00	-2.1015e-02	1.5503e-05	2.0467e-04	0.0000e+00
1292	0.0000e+00	0.0000e+00	-2.0521e-02	6.2654e-06	1.9844e-04	0.0000e+00
1293	0.0000e+00	0.0000e+00	-2.0466e-02	-2.9360e-06	2.0075e-04	0.0000e+00
1294	0.0000e+00	0.0000e+00	-2.0806e-02	-1.0232e-05	2.1200e-04	0.0000e+00
1295	0.0000e+00	0.0000e+00	-2.1422e-02	-1.3912e-05	2.3377e-04	0.0000e+00
1296	0.0000e+00	0.0000e+00	-2.2116e-02	-1.2105e-05	2.6955e-04	0.0000e+00
1297	0.0000e+00	0.0000e+00	4.5086e-04	-4.6881e-07	3.8469e-05	0.0000e+00
1298	0.0000e+00	0.0000e+00	1.2072e-03	3.1097e-05	4.7238e-05	0.0000e+00
1299	0.0000e+00	0.0000e+00	2.1381e-03	1.5119e-05	3.9073e-05	0.0000e+00
1300	0.0000e+00	0.0000e+00	2.5606e-03	6.2612e-06	2.7525e-05	0.0000e+00
1301	0.0000e+00	0.0000e+00	2.7244e-03	2.1709e-06	2.0785e-05	0.0000e+00
1302	0.0000e+00	0.0000e+00	2.7722e-03	2.9910e-07	1.8804e-05	0.0000e+00
1303	0.0000e+00	0.0000e+00	2.7506e-03	-1.5339e-06	2.1412e-05	0.0000e+00
1304	0.0000e+00	0.0000e+00	2.6169e-03	-5.4838e-06	2.8840e-05	0.0000e+00
1305	0.0000e+00	0.0000e+00	2.2319e-03	-1.4130e-05	4.1210e-05	0.0000e+00
1306	0.0000e+00	0.0000e+00	1.3457e-03	-2.9921e-05	5.0334e-05	0.0000e+00
1307	0.0000e+00	0.0000e+00	6.3719e-04	1.9221e-06	4.3953e-05	0.0000e+00
1308	0.0000e+00	0.0000e+00	-6.1203e-04	3.2989e-07	1.3400e-05	0.0000e+00
1309	0.0000e+00	0.0000e+00	-1.5854e-04	1.8979e-05	2.0118e-05	0.0000e+00
1310	0.0000e+00	0.0000e+00	7.1205e-04	1.7846e-05	2.8730e-05	0.0000e+00
1311	0.0000e+00	0.0000e+00	1.3175e-03	1.0592e-05	3.0144e-05	0.0000e+00
1312	0.0000e+00	0.0000e+00	1.6327e-03	4.5136e-06	2.9745e-05	0.0000e+00
1313	0.0000e+00	0.0000e+00	1.7235e-03	-9.8173e-08	2.9744e-05	0.0000e+00
1314	0.0000e+00	0.0000e+00	1.6233e-03	-4.6915e-06	3.0757e-05	0.0000e+00
1315	0.0000e+00	0.0000e+00	1.3006e-03	-1.0706e-05	3.2207e-05	0.0000e+00
1316	0.0000e+00	0.0000e+00	6.9092e-04	-1.7887e-05	3.1921e-05	0.0000e+00
1317	0.0000e+00	0.0000e+00	-1.7579e-04	-1.9062e-05	2.4477e-05	0.0000e+00

1318	0.0000e+00	0.0000e+00	-6.3878e-04	-5.9089e-07	1.8921e-05	0.0000e+00
1319	0.0000e+00	0.0000e+00	-1.3111e-03	8.5327e-07	2.1573e-05	0.0000e+00
1320	0.0000e+00	0.0000e+00	-1.0730e-03	9.2756e-06	2.6234e-05	0.0000e+00
1321	0.0000e+00	0.0000e+00	-6.1449e-04	1.0671e-05	3.5531e-05	0.0000e+00
1322	0.0000e+00	0.0000e+00	-2.1391e-04	7.4945e-06	4.2378e-05	0.0000e+00
1323	0.0000e+00	0.0000e+00	-3.3710e-05	3.2956e-06	4.5958e-05	0.0000e+00
1324	0.0000e+00	0.0000e+00	7.8515e-05	-7.2089e-07	4.7465e-05	0.0000e+00
1325	0.0000e+00	0.0000e+00	-4.8518e-05	-4.7237e-06	4.7478e-05	0.0000e+00
1326	0.0000e+00	0.0000e+00	-3.4034e-04	-8.8972e-06	4.5435e-05	0.0000e+00
1327	0.0000e+00	0.0000e+00	-8.0386e-04	-1.2039e-05	4.0133e-05	0.0000e+00
1328	0.0000e+00	0.0000e+00	-1.3233e-03	-1.0619e-05	3.2305e-05	0.0000e+00
1329	0.0000e+00	0.0000e+00	-1.6218e-03	-2.2511e-06	2.8994e-05	0.0000e+00
1330	0.0000e+00	0.0000e+00	-2.8578e-03	1.2481e-06	5.1473e-05	0.0000e+00
1331	0.0000e+00	0.0000e+00	-2.7917e-03	1.7412e-06	5.5217e-05	0.0000e+00
1332	0.0000e+00	0.0000e+00	-2.7005e-03	2.2492e-06	6.3309e-05	0.0000e+00
1333	0.0000e+00	0.0000e+00	-2.6033e-03	1.9000e-06	7.0122e-05	0.0000e+00
1334	0.0000e+00	0.0000e+00	-2.5476e-03	5.1723e-07	7.4194e-05	0.0000e+00
1335	0.0000e+00	0.0000e+00	-2.5723e-03	-1.6229e-06	7.6125e-05	0.0000e+00
1336	0.0000e+00	0.0000e+00	-2.6911e-03	-3.6668e-06	7.6344e-05	0.0000e+00
1337	0.0000e+00	0.0000e+00	-2.8902e-03	-5.0856e-06	7.4440e-05	0.0000e+00
1338	0.0000e+00	0.0000e+00	-3.1293e-03	-5.3811e-06	6.9799e-05	0.0000e+00
1339	0.0000e+00	0.0000e+00	-3.3581e-03	-4.7292e-06	6.3803e-05	0.0000e+00
1340	0.0000e+00	0.0000e+00	-3.5522e-03	-3.9696e-06	6.1938e-05	0.0000e+00
1341	0.0000e+00	0.0000e+00	-6.1417e-03	1.7009e-06	1.0180e-04	0.0000e+00
1342	0.0000e+00	0.0000e+00	-6.2205e-03	-4.8098e-06	1.0515e-04	0.0000e+00
1343	0.0000e+00	0.0000e+00	-6.4191e-03	-4.2509e-06	1.1055e-04	0.0000e+00
1344	0.0000e+00	0.0000e+00	-6.5382e-03	-2.2477e-06	1.1305e-04	0.0000e+00
1345	0.0000e+00	0.0000e+00	-6.6091e-03	-1.8584e-06	1.1431e-04	0.0000e+00
1346	0.0000e+00	0.0000e+00	-6.7063e-03	-2.8575e-06	1.1553e-04	0.0000e+00
1347	0.0000e+00	0.0000e+00	-6.8615e-03	-3.9233e-06	1.1716e-04	0.0000e+00
1348	0.0000e+00	0.0000e+00	-7.0438e-03	-3.6418e-06	1.1881e-04	0.0000e+00
1349	0.0000e+00	0.0000e+00	-7.1778e-03	-1.6809e-06	1.1926e-04	0.0000e+00
1350	0.0000e+00	0.0000e+00	-7.2261e-03	-9.4511e-07	1.1685e-04	0.0000e+00
1351	0.0000e+00	0.0000e+00	-7.3757e-03	-6.4943e-06	1.1635e-04	0.0000e+00
1352	0.0000e+00	0.0000e+00	-1.2126e-02	2.4553e-06	1.7747e-04	0.0000e+00
1353	0.0000e+00	0.0000e+00	-1.2309e-02	-9.3527e-06	1.7899e-04	0.0000e+00
1354	0.0000e+00	0.0000e+00	-1.2535e-02	-3.1612e-06	1.7281e-04	0.0000e+00
1355	0.0000e+00	0.0000e+00	-1.2567e-02	8.2975e-07	1.6502e-04	0.0000e+00
1356	0.0000e+00	0.0000e+00	-1.2575e-02	-1.3103e-06	1.6047e-04	0.0000e+00
1357	0.0000e+00	0.0000e+00	-1.2693e-02	-4.4323e-06	1.6006e-04	0.0000e+00
1358	0.0000e+00	0.0000e+00	-1.2967e-02	-7.7018e-06	1.6399e-04	0.0000e+00
1359	0.0000e+00	0.0000e+00	-1.3353e-02	-8.9080e-06	1.7213e-04	0.0000e+00
1360	0.0000e+00	0.0000e+00	-1.3719e-02	-6.1394e-06	1.8364e-04	0.0000e+00
1361	0.0000e+00	0.0000e+00	-1.3892e-02	-9.6221e-07	1.9373e-04	0.0000e+00
1362	0.0000e+00	0.0000e+00	-1.4095e-02	-1.0747e-05	1.9677e-04	0.0000e+00
1363	0.0000e+00	0.0000e+00	-2.2114e-02	1.2114e-05	2.6956e-04	0.0000e+00
1364	0.0000e+00	0.0000e+00	-2.1421e-02	1.3894e-05	2.3378e-04	0.0000e+00
1365	0.0000e+00	0.0000e+00	-2.0805e-02	1.0195e-05	2.1201e-04	0.0000e+00
1366	0.0000e+00	0.0000e+00	-2.0467e-02	2.8881e-06	2.0077e-04	0.0000e+00
1367	0.0000e+00	0.0000e+00	-2.0525e-02	-6.3166e-06	1.9847e-04	0.0000e+00
1368	0.0000e+00	0.0000e+00	-2.1021e-02	-1.5551e-05	2.0470e-04	0.0000e+00
1369	0.0000e+00	0.0000e+00	-2.1921e-02	-2.3069e-05	2.1998e-04	0.0000e+00
1370	0.0000e+00	0.0000e+00	-2.3109e-02	-2.6990e-05	2.4598e-04	0.0000e+00
1371	0.0000e+00	0.0000e+00	-2.4385e-02	-2.5298e-05	2.8626e-04	0.0000e+00
1372	0.0000e+00	0.0000e+00	6.3654e-04	-1.7503e-06	4.3884e-05	0.0000e+00
1373	0.0000e+00	0.0000e+00	1.3540e-03	3.0067e-05	5.0235e-05	0.0000e+00
1374	0.0000e+00	0.0000e+00	2.2477e-03	1.4281e-05	4.0992e-05	0.0000e+00
1375	0.0000e+00	0.0000e+00	2.6400e-03	5.6554e-06	2.8464e-05	0.0000e+00
1376	0.0000e+00	0.0000e+00	2.7816e-03	1.7084e-06	2.0838e-05	0.0000e+00
1377	0.0000e+00	0.0000e+00	2.8102e-03	-1.8520e-07	1.7998e-05	0.0000e+00
1378	0.0000e+00	0.0000e+00	2.7656e-03	-2.1828e-06	1.9732e-05	0.0000e+00
1379	0.0000e+00	0.0000e+00	2.5963e-03	-6.5420e-06	2.6216e-05	0.0000e+00
1380	0.0000e+00	0.0000e+00	2.1533e-03	-1.5821e-05	3.7515e-05	0.0000e+00
1381	0.0000e+00	0.0000e+00	1.1800e-03	-3.2411e-05	4.5349e-05	0.0000e+00
1382	0.0000e+00	0.0000e+00	3.7866e-04	-1.2992e-06	3.7361e-05	0.0000e+00
1383	0.0000e+00	0.0000e+00	-6.2630e-04	7.3463e-07	1.8634e-05	0.0000e+00
1384	0.0000e+00	0.0000e+00	-1.5017e-04	1.9312e-05	2.4083e-05	0.0000e+00
1385	0.0000e+00	0.0000e+00	7.2298e-04	1.8197e-05	3.1362e-05	0.0000e+00
1386	0.0000e+00	0.0000e+00	1.3486e-03	1.1079e-05	3.1423e-05	0.0000e+00
1387	0.0000e+00	0.0000e+00	1.6891e-03	5.1077e-06	2.9697e-05	0.0000e+00
1388	0.0000e+00	0.0000e+00	1.8079e-03	5.1585e-07	2.8365e-05	0.0000e+00
1389	0.0000e+00	0.0000e+00	1.7331e-03	-4.2291e-06	2.8014e-05	0.0000e+00



1390	0.0000e+00	0.0000e+00	1.4260e-03	-1.0569e-05	2.8047e-05	0.0000e+00
1391	0.0000e+00	0.0000e+00	8.1433e-04	-1.8273e-05	2.6291e-05	0.0000e+00
1392	0.0000e+00	0.0000e+00	1.3896e-04	-2.0105e-05	1.7349e-05	0.0000e+00
1393	0.0000e+00	0.0000e+00	-6.2033e-04	-2.1860e-06	1.0425e-05	0.0000e+00
1394	0.0000e+00	0.0000e+00	-1.5941e-03	2.5712e-06	2.8464e-05	0.0000e+00
1395	0.0000e+00	0.0000e+00	-1.2789e-03	1.1048e-05	3.1567e-05	0.0000e+00
1396	0.0000e+00	0.0000e+00	-7.3772e-04	1.2585e-05	3.9140e-05	0.0000e+00
1397	0.0000e+00	0.0000e+00	-2.4675e-04	9.5614e-06	4.4125e-05	0.0000e+00
1398	0.0000e+00	0.0000e+00	7.8842e-05	5.4838e-06	4.5790e-05	0.0000e+00
1399	0.0000e+00	0.0000e+00	2.3240e-04	1.5163e-06	4.5342e-05	0.0000e+00
1400	0.0000e+00	0.0000e+00	2.1075e-04	-2.6006e-06	4.3357e-05	0.0000e+00
1401	0.0000e+00	0.0000e+00	3.6469e-05	-7.0647e-06	3.9279e-05	0.0000e+00
1402	0.0000e+00	0.0000e+00	-3.8512e-04	-1.0754e-05	3.1957e-05	0.0000e+00
1403	0.0000e+00	0.0000e+00	-8.6564e-04	-1.0163e-05	2.2268e-05	0.0000e+00
1404	0.0000e+00	0.0000e+00	-1.1670e-03	-2.8599e-06	1.7585e-05	0.0000e+00
1405	0.0000e+00	0.0000e+00	-3.4957e-03	4.5300e-06	6.1132e-05	0.0000e+00
1406	0.0000e+00	0.0000e+00	-3.2735e-03	5.4459e-06	6.2683e-05	0.0000e+00
1407	0.0000e+00	0.0000e+00	-3.0093e-03	6.2769e-06	6.8312e-05	0.0000e+00
1408	0.0000e+00	0.0000e+00	-2.7267e-03	6.1664e-06	7.2517e-05	0.0000e+00
1409	0.0000e+00	0.0000e+00	-2.4766e-03	4.9056e-06	7.3912e-05	0.0000e+00
1410	0.0000e+00	0.0000e+00	-2.3010e-03	2.9373e-06	7.3115e-05	0.0000e+00
1411	0.0000e+00	0.0000e+00	-2.2184e-03	8.2274e-07	7.0552e-05	0.0000e+00
1412	0.0000e+00	0.0000e+00	-2.2227e-03	-8.4134e-07	6.5817e-05	0.0000e+00
1413	0.0000e+00	0.0000e+00	-2.2867e-03	-1.7866e-06	5.8359e-05	0.0000e+00
1414	0.0000e+00	0.0000e+00	-2.3795e-03	-2.3120e-06	4.9732e-05	0.0000e+00
1415	0.0000e+00	0.0000e+00	-2.5040e-03	-3.4289e-06	4.5815e-05	0.0000e+00
1416	0.0000e+00	0.0000e+00	-7.2778e-03	7.3975e-06	1.1525e-04	0.0000e+00
1417	0.0000e+00	0.0000e+00	-7.0840e-03	1.9982e-06	1.1533e-04	0.0000e+00
1418	0.0000e+00	0.0000e+00	-6.9818e-03	3.0442e-06	1.1725e-04	0.0000e+00
1419	0.0000e+00	0.0000e+00	-6.7828e-03	5.2799e-06	1.1623e-04	0.0000e+00
1420	0.0000e+00	0.0000e+00	-6.5244e-03	5.7849e-06	1.1394e-04	0.0000e+00
1421	0.0000e+00	0.0000e+00	-6.2844e-03	4.8494e-06	1.1157e-04	0.0000e+00
1422	0.0000e+00	0.0000e+00	-6.0983e-03	3.7772e-06	1.0954e-04	0.0000e+00
1423	0.0000e+00	0.0000e+00	-5.9434e-03	3.8475e-06	1.0743e-04	0.0000e+00
1424	0.0000e+00	0.0000e+00	-5.7584e-03	5.2616e-06	1.0404e-04	0.0000e+00
1425	0.0000e+00	0.0000e+00	-5.5319e-03	4.7034e-06	9.7789e-05	0.0000e+00
1426	0.0000e+00	0.0000e+00	-5.4929e-03	-3.6857e-06	9.3750e-05	0.0000e+00
1427	0.0000e+00	0.0000e+00	-1.3943e-02	1.2090e-05	1.9541e-04	0.0000e+00
1428	0.0000e+00	0.0000e+00	-1.3675e-02	1.8319e-06	1.9185e-04	0.0000e+00
1429	0.0000e+00	0.0000e+00	-1.3426e-02	8.0983e-06	1.8116e-04	0.0000e+00
1430	0.0000e+00	0.0000e+00	-1.2967e-02	1.1200e-05	1.6897e-04	0.0000e+00
1431	0.0000e+00	0.0000e+00	-1.2474e-02	1.0311e-05	1.6006e-04	0.0000e+00
1432	0.0000e+00	0.0000e+00	-1.2081e-02	7.2691e-06	1.5526e-04	0.0000e+00
1433	0.0000e+00	0.0000e+00	-1.1836e-02	4.1050e-06	1.5470e-04	0.0000e+00
1434	0.0000e+00	0.0000e+00	-1.1702e-02	2.8072e-06	1.5820e-04	0.0000e+00
1435	0.0000e+00	0.0000e+00	-1.1560e-02	5.1196e-06	1.6483e-04	0.0000e+00
1436	0.0000e+00	0.0000e+00	-1.1262e-02	1.0257e-05	1.6975e-04	0.0000e+00
1437	0.0000e+00	0.0000e+00	-1.1081e-02	-3.5673e-06	1.6725e-04	0.0000e+00
1438	0.0000e+00	0.0000e+00	-2.4082e-02	2.7516e-05	2.8416e-04	0.0000e+00
1439	0.0000e+00	0.0000e+00	-2.2701e-02	2.9594e-05	2.4320e-04	0.0000e+00
1440	0.0000e+00	0.0000e+00	-2.1390e-02	2.6087e-05	2.1646e-04	0.0000e+00
1441	0.0000e+00	0.0000e+00	-2.0348e-02	1.8966e-05	2.0035e-04	0.0000e+00
1442	0.0000e+00	0.0000e+00	-1.9693e-02	1.0046e-05	1.9318e-04	0.0000e+00
1443	0.0000e+00	0.0000e+00	-1.9464e-02	1.1236e-06	1.9444e-04	0.0000e+00
1444	0.0000e+00	0.0000e+00	-1.9628e-02	-6.4332e-06	2.0451e-04	0.0000e+00
1445	0.0000e+00	0.0000e+00	-2.0081e-02	-1.0635e-05	2.2496e-04	0.0000e+00
1446	0.0000e+00	0.0000e+00	-2.0643e-02	-9.9058e-06	2.5924e-04	0.0000e+00
1447	0.0000e+00	0.0000e+00	9.4404e-04	2.9470e-05	4.5264e-05	0.0000e+00
1448	0.0000e+00	0.0000e+00	1.7468e-03	1.4387e-05	4.2152e-05	0.0000e+00
1449	0.0000e+00	0.0000e+00	2.0613e-03	3.8813e-06	3.3149e-05	0.0000e+00
1450	0.0000e+00	0.0000e+00	2.0705e-03	-2.1299e-06	2.8045e-05	0.0000e+00
1451	0.0000e+00	0.0000e+00	1.9061e-03	-5.4731e-06	2.7345e-05	0.0000e+00
1452	0.0000e+00	0.0000e+00	1.6407e-03	-7.5902e-06	3.0876e-05	0.0000e+00
1453	0.0000e+00	0.0000e+00	1.2993e-03	-9.5723e-06	3.8363e-05	0.0000e+00
1454	0.0000e+00	0.0000e+00	8.7139e-04	-1.2198e-05	4.9527e-05	0.0000e+00
1455	0.0000e+00	0.0000e+00	3.2376e-04	-1.5472e-05	6.1785e-05	0.0000e+00
1456	0.0000e+00	0.0000e+00	-1.8018e-04	-1.0195e-05	7.7962e-05	0.0000e+00
1457	0.0000e+00	0.0000e+00	-3.5079e-04	1.4339e-05	1.7838e-05	0.0000e+00
1458	0.0000e+00	0.0000e+00	3.0135e-04	1.3733e-05	2.7877e-05	0.0000e+00
1459	0.0000e+00	0.0000e+00	6.5880e-04	5.7992e-06	3.2201e-05	0.0000e+00
1460	0.0000e+00	0.0000e+00	7.1602e-04	-1.9963e-06	3.4793e-05	0.0000e+00
1461	0.0000e+00	0.0000e+00	5.0316e-04	-8.3630e-06	3.7939e-05	0.0000e+00

1462	0.0000e+00	0.0000e+00	1.3897e-04	-1.3719e-05	4.2709e-05	0.0000e+00
1463	0.0000e+00	0.0000e+00	-6.2053e-04	-1.8687e-05	4.9314e-05	0.0000e+00
1464	0.0000e+00	0.0000e+00	-1.4462e-03	-2.3222e-05	5.7361e-05	0.0000e+00
1465	0.0000e+00	0.0000e+00	-2.4207e-03	-2.5417e-05	6.4833e-05	0.0000e+00
1466	0.0000e+00	0.0000e+00	-3.3551e-03	-2.0603e-05	7.7430e-05	0.0000e+00
1467	0.0000e+00	0.0000e+00	-1.1413e-03	3.4539e-06	2.2770e-05	0.0000e+00
1468	0.0000e+00	0.0000e+00	-9.8028e-04	3.7146e-06	3.2713e-05	0.0000e+00
1469	0.0000e+00	0.0000e+00	-9.1928e-04	-7.5353e-07	4.1703e-05	0.0000e+00
1470	0.0000e+00	0.0000e+00	-1.0818e-03	-7.1154e-06	4.8530e-05	0.0000e+00
1471	0.0000e+00	0.0000e+00	-1.4994e-03	-1.3614e-05	5.4174e-05	0.0000e+00
1472	0.0000e+00	0.0000e+00	-2.1706e-03	-1.9927e-05	5.9681e-05	0.0000e+00
1473	0.0000e+00	0.0000e+00	-3.0859e-03	-2.5890e-05	6.5515e-05	0.0000e+00
1474	0.0000e+00	0.0000e+00	-4.2205e-03	-3.0814e-05	7.1686e-05	0.0000e+00
1475	0.0000e+00	0.0000e+00	-5.5033e-03	-3.2958e-05	7.7460e-05	0.0000e+00
1476	0.0000e+00	0.0000e+00	-6.7656e-03	-2.9540e-05	8.8485e-05	0.0000e+00
1477	0.0000e+00	0.0000e+00	-2.6701e-03	-4.9974e-06	4.9960e-05	0.0000e+00
1478	0.0000e+00	0.0000e+00	-2.9024e-03	-6.8791e-06	5.8503e-05	0.0000e+00
1479	0.0000e+00	0.0000e+00	-3.2275e-03	-9.7935e-06	6.6988e-05	0.0000e+00
1480	0.0000e+00	0.0000e+00	-3.6987e-03	-1.4144e-05	7.3809e-05	0.0000e+00
1481	0.0000e+00	0.0000e+00	-4.3701e-03	-1.9682e-05	7.9391e-05	0.0000e+00
1482	0.0000e+00	0.0000e+00	-5.2778e-03	-2.5841e-05	8.4534e-05	0.0000e+00
1483	0.0000e+00	0.0000e+00	-6.4325e-03	-3.1905e-05	8.9673e-05	0.0000e+00
1484	0.0000e+00	0.0000e+00	-7.8117e-03	-3.6916e-05	9.4933e-05	0.0000e+00
1485	0.0000e+00	0.0000e+00	-9.3479e-03	-3.9535e-05	9.9929e-05	0.0000e+00
1486	0.0000e+00	0.0000e+00	-1.0900e-02	-3.7492e-05	1.0974e-04	0.0000e+00
1487	0.0000e+00	0.0000e+00	-5.8200e-03	-1.2231e-05	9.7434e-05	0.0000e+00
1488	0.0000e+00	0.0000e+00	-6.3672e-03	-1.5070e-05	1.0350e-04	0.0000e+00
1489	0.0000e+00	0.0000e+00	-6.9756e-03	-1.6311e-05	1.0746e-04	0.0000e+00
1490	0.0000e+00	0.0000e+00	-7.6688e-03	-1.9323e-05	1.1028e-04	0.0000e+00
1491	0.0000e+00	0.0000e+00	-8.5312e-03	-2.4459e-05	1.1311e-04	0.0000e+00
1492	0.0000e+00	0.0000e+00	-9.6309e-03	-3.0839e-05	1.1663e-04	0.0000e+00
1493	0.0000e+00	0.0000e+00	-1.0993e-02	-3.7243e-05	1.2104e-04	0.0000e+00
1494	0.0000e+00	0.0000e+00	-1.2592e-02	-4.2421e-05	1.2613e-04	0.0000e+00
1495	0.0000e+00	0.0000e+00	-1.4358e-02	-4.5410e-05	1.3100e-04	0.0000e+00
1496	0.0000e+00	0.0000e+00	-1.6176e-02	-4.4961e-05	1.3983e-04	0.0000e+00
1497	0.0000e+00	0.0000e+00	-1.1518e-02	-1.8141e-05	1.6859e-04	0.0000e+00
1498	0.0000e+00	0.0000e+00	-1.2147e-02	-1.5429e-05	1.6455e-04	0.0000e+00
1499	0.0000e+00	0.0000e+00	-1.2718e-02	-1.5102e-05	1.5751e-04	0.0000e+00
1500	0.0000e+00	0.0000e+00	-1.3372e-02	-1.8986e-05	1.5239e-04	0.0000e+00
1501	0.0000e+00	0.0000e+00	-1.4254e-02	-2.5920e-05	1.5019e-04	0.0000e+00
1502	0.0000e+00	0.0000e+00	-1.5451e-02	-3.4350e-05	1.5104e-04	0.0000e+00
1503	0.0000e+00	0.0000e+00	-1.6989e-02	-4.2588e-05	1.5474e-04	0.0000e+00
1504	0.0000e+00	0.0000e+00	-1.8824e-02	-4.8827e-05	1.6082e-04	0.0000e+00
1505	0.0000e+00	0.0000e+00	-2.0847e-02	-5.1727e-05	1.6765e-04	0.0000e+00
1506	0.0000e+00	0.0000e+00	-2.2942e-02	-5.2625e-05	1.7727e-04	0.0000e+00
1507	0.0000e+00	0.0000e+00	-2.0927e-02	2.9897e-06	2.6155e-04	0.0000e+00
1508	0.0000e+00	0.0000e+00	-2.0696e-02	2.8055e-06	2.2664e-04	0.0000e+00
1509	0.0000e+00	0.0000e+00	-2.0599e-02	-2.1456e-06	2.0327e-04	0.0000e+00
1510	0.0000e+00	0.0000e+00	-2.0816e-02	-1.1407e-05	1.8845e-04	0.0000e+00
1511	0.0000e+00	0.0000e+00	-2.1472e-02	-2.2922e-05	1.8032e-04	0.0000e+00
1512	0.0000e+00	0.0000e+00	-2.2633e-02	-3.5359e-05	1.7782e-04	0.0000e+00
1513	0.0000e+00	0.0000e+00	-2.4309e-02	-4.7149e-05	1.8037e-04	0.0000e+00
1514	0.0000e+00	0.0000e+00	-2.6441e-02	-5.6546e-05	1.8784e-04	0.0000e+00
1515	0.0000e+00	0.0000e+00	-2.8898e-02	-6.1607e-05	2.0046e-04	0.0000e+00
1516	0.0000e+00	0.0000e+00	1.3629e-03	3.3102e-05	5.3716e-05	0.0000e+00
1517	0.0000e+00	0.0000e+00	2.3200e-03	1.7789e-05	5.3348e-05	0.0000e+00
1518	0.0000e+00	0.0000e+00	2.7468e-03	5.3848e-06	4.8151e-05	0.0000e+00
1519	0.0000e+00	0.0000e+00	2.7472e-03	-5.3693e-06	4.8150e-05	0.0000e+00
1520	0.0000e+00	0.0000e+00	2.3214e-03	-1.7773e-05	5.3345e-05	0.0000e+00
1521	0.0000e+00	0.0000e+00	1.3661e-03	-3.3073e-05	5.3720e-05	0.0000e+00
1522	0.0000e+00	0.0000e+00	-2.7764e-04	1.6210e-05	2.7166e-05	0.0000e+00
1523	0.0000e+00	0.0000e+00	3.9281e-04	1.5216e-05	3.7836e-05	0.0000e+00
1524	0.0000e+00	0.0000e+00	8.0475e-04	5.5711e-06	4.1789e-05	0.0000e+00
1525	0.0000e+00	0.0000e+00	8.0468e-04	-5.5756e-06	4.1814e-05	0.0000e+00
1526	0.0000e+00	0.0000e+00	3.9271e-04	-1.5228e-05	3.7917e-05	0.0000e+00
1527	0.0000e+00	0.0000e+00	-2.8059e-04	-1.6244e-05	2.7328e-05	0.0000e+00
1528	0.0000e+00	0.0000e+00	-1.5353e-03	4.9508e-06	3.4253e-05	0.0000e+00
1529	0.0000e+00	0.0000e+00	-1.2913e-03	6.2777e-06	4.3376e-05	0.0000e+00
1530	0.0000e+00	0.0000e+00	-1.1068e-03	2.5998e-06	4.9205e-05	0.0000e+00
1531	0.0000e+00	0.0000e+00	-1.1086e-03	-2.6925e-06	4.9266e-05	0.0000e+00
1532	0.0000e+00	0.0000e+00	-1.2974e-03	-6.3927e-06	4.3566e-05	0.0000e+00
1533	0.0000e+00	0.0000e+00	-1.5470e-03	-5.1162e-06	3.4594e-05	0.0000e+00

1534	0.0000e+00	0.0000e+00	-3.6623e-03	-3.5385e-06	6.6411e-05	0.0000e+00
1535	0.0000e+00	0.0000e+00	-3.7752e-03	-2.1301e-06	7.4438e-05	0.0000e+00
1536	0.0000e+00	0.0000e+00	-3.8305e-03	-7.4824e-07	7.9835e-05	0.0000e+00
1537	0.0000e+00	0.0000e+00	-3.8359e-03	4.8239e-07	7.9937e-05	0.0000e+00
1538	0.0000e+00	0.0000e+00	-3.7922e-03	1.8285e-06	7.4749e-05	0.0000e+00
1539	0.0000e+00	0.0000e+00	-3.6930e-03	3.1626e-06	6.6950e-05	0.0000e+00
1540	0.0000e+00	0.0000e+00	-7.6890e-03	-1.2131e-05	1.2184e-04	0.0000e+00
1541	0.0000e+00	0.0000e+00	-8.1383e-03	-9.6942e-06	1.2971e-04	0.0000e+00
1542	0.0000e+00	0.0000e+00	-8.4009e-03	-3.6075e-06	1.3372e-04	0.0000e+00
1543	0.0000e+00	0.0000e+00	-8.4117e-03	3.0784e-06	1.3386e-04	0.0000e+00
1544	0.0000e+00	0.0000e+00	-8.1716e-03	9.1169e-06	1.3015e-04	0.0000e+00
1545	0.0000e+00	0.0000e+00	-7.7477e-03	1.1456e-05	1.2259e-04	0.0000e+00
1546	0.0000e+00	0.0000e+00	-1.4646e-02	-2.2363e-05	2.0230e-04	0.0000e+00
1547	0.0000e+00	0.0000e+00	-1.5337e-02	-1.3639e-05	2.0396e-04	0.0000e+00
1548	0.0000e+00	0.0000e+00	-1.5680e-02	-4.5802e-06	2.0261e-04	0.0000e+00
1549	0.0000e+00	0.0000e+00	-1.5698e-02	3.7024e-06	2.0279e-04	0.0000e+00
1550	0.0000e+00	0.0000e+00	-1.5392e-02	1.2699e-05	2.0451e-04	0.0000e+00
1551	0.0000e+00	0.0000e+00	-1.4741e-02	2.1300e-05	2.0323e-04	0.0000e+00
1552	0.0000e+00	0.0000e+00	-2.5684e-02	-8.7804e-06	3.0252e-04	0.0000e+00
1553	0.0000e+00	0.0000e+00	-2.5861e-02	-3.6458e-06	2.7766e-04	0.0000e+00
1554	0.0000e+00	0.0000e+00	-2.5923e-02	-1.3420e-06	2.6627e-04	0.0000e+00
1555	0.0000e+00	0.0000e+00	-2.5950e-02	-1.3972e-07	2.6647e-04	0.0000e+00
1556	0.0000e+00	0.0000e+00	-2.5941e-02	2.2410e-06	2.7827e-04	0.0000e+00
1557	0.0000e+00	0.0000e+00	-2.5823e-02	7.2284e-06	3.0356e-04	0.0000e+00
1558	0.0000e+00	0.0000e+00	1.3645e-03	3.3128e-05	5.3758e-05	0.0000e+00
1559	0.0000e+00	0.0000e+00	2.3212e-03	1.7785e-05	5.3370e-05	0.0000e+00
1560	0.0000e+00	0.0000e+00	2.7473e-03	5.3638e-06	4.8161e-05	0.0000e+00
1561	0.0000e+00	0.0000e+00	2.7465e-03	-5.3925e-06	4.8151e-05	0.0000e+00
1562	0.0000e+00	0.0000e+00	2.3195e-03	-1.7784e-05	5.3337e-05	0.0000e+00
1563	0.0000e+00	0.0000e+00	1.3630e-03	-3.3058e-05	5.3692e-05	0.0000e+00
1564	0.0000e+00	0.0000e+00	-2.8188e-04	1.6289e-05	2.7341e-05	0.0000e+00
1565	0.0000e+00	0.0000e+00	3.9153e-04	1.5251e-05	3.7934e-05	0.0000e+00
1566	0.0000e+00	0.0000e+00	8.0432e-04	5.5832e-06	4.1822e-05	0.0000e+00
1567	0.0000e+00	0.0000e+00	8.0462e-04	-5.5655e-06	4.1785e-05	0.0000e+00
1568	0.0000e+00	0.0000e+00	3.9291e-04	-1.5198e-05	3.7820e-05	0.0000e+00
1569	0.0000e+00	0.0000e+00	-2.7550e-04	-1.6171e-05	2.7145e-05	0.0000e+00
1570	0.0000e+00	0.0000e+00	-1.5498e-03	5.1506e-06	3.4600e-05	0.0000e+00
1571	0.0000e+00	0.0000e+00	-1.2990e-03	6.4177e-06	4.3575e-05	0.0000e+00
1572	0.0000e+00	0.0000e+00	-1.1095e-03	2.7091e-06	4.9271e-05	0.0000e+00
1573	0.0000e+00	0.0000e+00	-1.1069e-03	-2.5840e-06	4.9202e-05	0.0000e+00
1574	0.0000e+00	0.0000e+00	-1.2906e-03	-6.2548e-06	4.3365e-05	0.0000e+00
1575	0.0000e+00	0.0000e+00	-1.5334e-03	-4.9187e-06	3.4238e-05	0.0000e+00
1576	0.0000e+00	0.0000e+00	-3.6961e-03	-3.1324e-06	6.6960e-05	0.0000e+00
1577	0.0000e+00	0.0000e+00	-3.7942e-03	-1.8029e-06	7.4760e-05	0.0000e+00
1578	0.0000e+00	0.0000e+00	-3.8370e-03	-4.6308e-07	7.9946e-05	0.0000e+00
1579	0.0000e+00	0.0000e+00	-3.8306e-03	7.7310e-07	7.9840e-05	0.0000e+00
1580	0.0000e+00	0.0000e+00	-3.7743e-03	2.1600e-06	7.4438e-05	0.0000e+00
1581	0.0000e+00	0.0000e+00	-3.6599e-03	3.5755e-06	6.6406e-05	0.0000e+00
1582	0.0000e+00	0.0000e+00	-7.7514e-03	-1.1426e-05	1.2261e-04	0.0000e+00
1583	0.0000e+00	0.0000e+00	-8.1741e-03	-9.0920e-06	1.3017e-04	0.0000e+00
1584	0.0000e+00	0.0000e+00	-8.4132e-03	-3.0580e-06	1.3388e-04	0.0000e+00
1585	0.0000e+00	0.0000e+00	-8.4014e-03	3.6332e-06	1.3374e-04	0.0000e+00
1586	0.0000e+00	0.0000e+00	-8.1376e-03	9.7255e-06	1.2973e-04	0.0000e+00
1587	0.0000e+00	0.0000e+00	-7.6867e-03	1.2170e-05	1.2185e-04	0.0000e+00
1588	0.0000e+00	0.0000e+00	-1.4746e-02	-2.1268e-05	2.0326e-04	0.0000e+00
1589	0.0000e+00	0.0000e+00	-1.5395e-02	-1.2676e-05	2.0454e-04	0.0000e+00
1590	0.0000e+00	0.0000e+00	-1.5701e-02	-3.6858e-06	2.0282e-04	0.0000e+00
1591	0.0000e+00	0.0000e+00	-1.5682e-02	4.6060e-06	2.0264e-04	0.0000e+00
1592	0.0000e+00	0.0000e+00	-1.5337e-02	1.3671e-05	2.0399e-04	0.0000e+00
1593	0.0000e+00	0.0000e+00	-1.4644e-02	2.2408e-05	2.0233e-04	0.0000e+00
1594	0.0000e+00	0.0000e+00	-2.5829e-02	-7.1890e-06	3.0361e-04	0.0000e+00
1595	0.0000e+00	0.0000e+00	-2.5946e-02	-2.2197e-06	2.7832e-04	0.0000e+00
1596	0.0000e+00	0.0000e+00	-2.5954e-02	2.5940e-07	2.6651e-04	0.0000e+00
1597	0.0000e+00	0.0000e+00	-2.5927e-02	1.3885e-06	2.6631e-04	0.0000e+00
1598	0.0000e+00	0.0000e+00	-2.5863e-02	3.6900e-06	2.7770e-04	0.0000e+00
1599	0.0000e+00	0.0000e+00	-2.5685e-02	8.8369e-06	3.0257e-04	0.0000e+00
1600	0.0000e+00	0.0000e+00	1.2387e-03	3.2035e-05	4.8947e-05	0.0000e+00
1601	0.0000e+00	0.0000e+00	2.2018e-03	1.5767e-05	4.3113e-05	0.0000e+00
1602	0.0000e+00	0.0000e+00	2.6311e-03	5.8390e-06	3.4382e-05	0.0000e+00
1603	0.0000e+00	0.0000e+00	2.7347e-03	-5.3503e-07	3.1503e-05	0.0000e+00
1604	0.0000e+00	0.0000e+00	2.5866e-03	-6.7854e-06	3.4914e-05	0.0000e+00
1605	0.0000e+00	0.0000e+00	2.1234e-03	-1.6350e-05	4.4231e-05	0.0000e+00

1606	0.0000e+00	0.0000e+00	1.1473e-03	-3.2059e-05	5.0737e-05	0.0000e+00
1607	0.0000e+00	0.0000e+00	3.7790e-04	2.1511e-08	4.1147e-05	0.0000e+00
1608	0.0000e+00	0.0000e+00	-1.8407e-04	1.8172e-05	2.1395e-05	0.0000e+00
1609	0.0000e+00	0.0000e+00	6.2961e-04	1.6525e-05	3.1343e-05	0.0000e+00
1610	0.0000e+00	0.0000e+00	1.1502e-03	7.9063e-06	3.4091e-05	0.0000e+00
1611	0.0000e+00	0.0000e+00	1.2990e-03	-7.8176e-07	3.4675e-05	0.0000e+00
1612	0.0000e+00	0.0000e+00	1.0839e-03	-9.3815e-06	3.4528e-05	0.0000e+00
1613	0.0000e+00	0.0000e+00	5.0534e-04	-1.7724e-05	3.2304e-05	0.0000e+00
1614	0.0000e+00	0.0000e+00	-3.4577e-04	-1.8917e-05	2.2982e-05	0.0000e+00
1615	0.0000e+00	0.0000e+00	-8.0133e-04	1.2928e-08	1.5646e-05	0.0000e+00
1616	0.0000e+00	0.0000e+00	-1.1514e-03	7.4676e-06	2.7061e-05	0.0000e+00
1617	0.0000e+00	0.0000e+00	-7.8061e-04	8.5257e-06	3.6881e-05	0.0000e+00
1618	0.0000e+00	0.0000e+00	-4.8966e-04	4.5888e-06	4.3632e-05	0.0000e+00
1619	0.0000e+00	0.0000e+00	-4.0985e-04	-9.2130e-07	4.5823e-05	0.0000e+00
1620	0.0000e+00	0.0000e+00	-5.6789e-04	-6.4130e-06	4.3720e-05	0.0000e+00
1621	0.0000e+00	0.0000e+00	-9.3586e-04	-1.0229e-05	3.7243e-05	0.0000e+00
1622	0.0000e+00	0.0000e+00	-1.3741e-03	-8.8186e-06	2.7908e-05	0.0000e+00
1623	0.0000e+00	0.0000e+00	-1.5830e-03	7.6555e-09	2.2949e-05	0.0000e+00
1624	0.0000e+00	0.0000e+00	-2.9014e-03	-7.0570e-07	5.5925e-05	0.0000e+00
1625	0.0000e+00	0.0000e+00	-2.9121e-03	2.0519e-07	6.4281e-05	0.0000e+00
1626	0.0000e+00	0.0000e+00	-2.9042e-03	1.7338e-07	7.0472e-05	0.0000e+00
1627	0.0000e+00	0.0000e+00	-2.9165e-03	-7.8316e-07	7.2345e-05	0.0000e+00
1628	0.0000e+00	0.0000e+00	-2.9722e-03	-1.7204e-06	6.9788e-05	0.0000e+00
1629	0.0000e+00	0.0000e+00	-3.0575e-03	-1.9374e-06	6.3299e-05	0.0000e+00
1630	0.0000e+00	0.0000e+00	-3.1299e-03	-1.1574e-06	5.5199e-05	0.0000e+00
1631	0.0000e+00	0.0000e+00	-3.1563e-03	7.7687e-09	5.1228e-05	0.0000e+00
1632	0.0000e+00	0.0000e+00	-6.3665e-03	-7.8526e-06	1.0622e-04	0.0000e+00
1633	0.0000e+00	0.0000e+00	-6.6855e-03	-6.4759e-06	1.1234e-04	0.0000e+00
1634	0.0000e+00	0.0000e+00	-6.8753e-03	-2.9084e-06	1.1482e-04	0.0000e+00
1635	0.0000e+00	0.0000e+00	-6.9316e-03	-1.3632e-07	1.1473e-04	0.0000e+00
1636	0.0000e+00	0.0000e+00	-6.8864e-03	2.3069e-06	1.1274e-04	0.0000e+00
1637	0.0000e+00	0.0000e+00	-6.7383e-03	4.9336e-06	1.0877e-04	0.0000e+00
1638	0.0000e+00	0.0000e+00	-6.5030e-03	5.5972e-06	1.0238e-04	0.0000e+00
1639	0.0000e+00	0.0000e+00	-6.3691e-03	1.6618e-08	9.8515e-05	0.0000e+00
1640	0.0000e+00	0.0000e+00	-1.2515e-02	-1.3808e-05	1.8078e-04	0.0000e+00
1641	0.0000e+00	0.0000e+00	-1.2914e-02	-6.3011e-06	1.7636e-04	0.0000e+00
1642	0.0000e+00	0.0000e+00	-1.3043e-02	-1.1606e-06	1.6993e-04	0.0000e+00
1643	0.0000e+00	0.0000e+00	-1.3022e-02	1.4588e-06	1.6619e-04	0.0000e+00
1644	0.0000e+00	0.0000e+00	-1.2924e-02	3.3364e-06	1.6590e-04	0.0000e+00
1645	0.0000e+00	0.0000e+00	-1.2729e-02	6.6749e-06	1.6866e-04	0.0000e+00
1646	0.0000e+00	0.0000e+00	-1.2367e-02	1.1405e-05	1.7080e-04	0.0000e+00
1647	0.0000e+00	0.0000e+00	-1.2090e-02	2.5111e-08	1.6795e-04	0.0000e+00
1648	0.0000e+00	0.0000e+00	-2.2419e-02	5.7828e-06	2.7228e-04	0.0000e+00
1649	0.0000e+00	0.0000e+00	-2.1995e-02	8.9076e-06	2.3916e-04	0.0000e+00
1650	0.0000e+00	0.0000e+00	-2.1568e-02	7.5770e-06	2.2022e-04	0.0000e+00
1651	0.0000e+00	0.0000e+00	-2.1291e-02	3.7363e-06	2.1229e-04	0.0000e+00
1652	0.0000e+00	0.0000e+00	-2.1232e-02	-7.3960e-07	2.1438e-04	0.0000e+00
1653	0.0000e+00	0.0000e+00	-2.1377e-02	-3.9827e-06	2.2712e-04	0.0000e+00
1654	0.0000e+00	0.0000e+00	-2.1631e-02	-4.1993e-06	2.5309e-04	0.0000e+00
1655	0.0000e+00	0.0000e+00	1.1503e-03	3.2092e-05	5.0772e-05	0.0000e+00
1656	0.0000e+00	0.0000e+00	2.1267e-03	1.6339e-05	4.4250e-05	0.0000e+00
1657	0.0000e+00	0.0000e+00	2.5889e-03	6.7546e-06	3.4922e-05	0.0000e+00
1658	0.0000e+00	0.0000e+00	2.7356e-03	4.9956e-07	3.1501e-05	0.0000e+00
1659	0.0000e+00	0.0000e+00	2.6306e-03	-5.8683e-06	3.4373e-05	0.0000e+00
1660	0.0000e+00	0.0000e+00	2.2004e-03	-1.5777e-05	4.3095e-05	0.0000e+00
1661	0.0000e+00	0.0000e+00	1.2376e-03	-3.2002e-05	4.8915e-05	0.0000e+00
1662	0.0000e+00	0.0000e+00	-3.4395e-04	1.8947e-05	2.3002e-05	0.0000e+00
1663	0.0000e+00	0.0000e+00	5.0780e-04	1.7723e-05	3.2322e-05	0.0000e+00
1664	0.0000e+00	0.0000e+00	1.0859e-03	9.3615e-06	3.4537e-05	0.0000e+00
1665	0.0000e+00	0.0000e+00	1.2999e-03	7.5603e-07	3.4674e-05	0.0000e+00
1666	0.0000e+00	0.0000e+00	1.1502e-03	-7.9255e-06	3.4079e-05	0.0000e+00
1667	0.0000e+00	0.0000e+00	6.2907e-04	-1.6525e-05	3.1322e-05	0.0000e+00
1668	0.0000e+00	0.0000e+00	-1.8403e-04	-1.8143e-05	2.1373e-05	0.0000e+00
1669	0.0000e+00	0.0000e+00	-1.3728e-03	8.8407e-06	2.7918e-05	0.0000e+00
1670	0.0000e+00	0.0000e+00	-9.3403e-04	1.0232e-05	3.7253e-05	0.0000e+00
1671	0.0000e+00	0.0000e+00	-5.6623e-04	6.4017e-06	4.3726e-05	0.0000e+00
1672	0.0000e+00	0.0000e+00	-4.0878e-04	9.0469e-07	4.5821e-05	0.0000e+00
1673	0.0000e+00	0.0000e+00	-4.8921e-04	-4.5998e-06	4.3622e-05	0.0000e+00
1674	0.0000e+00	0.0000e+00	-7.8039e-04	-8.5222e-06	3.6867e-05	0.0000e+00
1675	0.0000e+00	0.0000e+00	-1.1506e-03	-7.4465e-06	2.7047e-05	0.0000e+00
1676	0.0000e+00	0.0000e+00	-3.1289e-03	1.1767e-06	5.5201e-05	0.0000e+00
1677	0.0000e+00	0.0000e+00	-3.0559e-03	1.9430e-06	6.3302e-05	0.0000e+00

1678	0.0000e+00	0.0000e+00	-2.9707e-03	1.7139e-06	6.9789e-05	0.0000e+00
1679	0.0000e+00	0.0000e+00	-2.9154e-03	7.7140e-07	7.2343e-05	0.0000e+00
1680	0.0000e+00	0.0000e+00	-2.9035e-03	-1.6738e-07	7.0468e-05	0.0000e+00
1681	0.0000e+00	0.0000e+00	-2.9114e-03	-2.0003e-07	6.4275e-05	0.0000e+00
1682	0.0000e+00	0.0000e+00	-2.9003e-03	7.2185e-07	5.5920e-05	0.0000e+00
1683	0.0000e+00	0.0000e+00	-6.5020e-03	-5.5796e-06	1.0238e-04	0.0000e+00
1684	0.0000e+00	0.0000e+00	-6.7368e-03	-4.9300e-06	1.0876e-04	0.0000e+00
1685	0.0000e+00	0.0000e+00	-6.8849e-03	-2.3145e-06	1.1274e-04	0.0000e+00
1686	0.0000e+00	0.0000e+00	-6.9305e-03	1.1976e-07	1.1473e-04	0.0000e+00
1687	0.0000e+00	0.0000e+00	-6.8745e-03	2.9004e-06	1.1482e-04	0.0000e+00
1688	0.0000e+00	0.0000e+00	-6.6848e-03	6.4790e-06	1.1234e-04	0.0000e+00
1689	0.0000e+00	0.0000e+00	-6.3654e-03	7.8681e-06	1.0622e-04	0.0000e+00
1690	0.0000e+00	0.0000e+00	-1.2366e-02	-1.1386e-05	1.7079e-04	0.0000e+00
1691	0.0000e+00	0.0000e+00	-1.2727e-02	-6.6742e-06	1.6865e-04	0.0000e+00
1692	0.0000e+00	0.0000e+00	-1.2922e-02	-3.3471e-06	1.6590e-04	0.0000e+00
1693	0.0000e+00	0.0000e+00	-1.3021e-02	-1.4707e-06	1.6619e-04	0.0000e+00
1694	0.0000e+00	0.0000e+00	-1.3042e-02	1.1445e-06	1.6994e-04	0.0000e+00
1695	0.0000e+00	0.0000e+00	-1.2913e-02	6.3000e-06	1.7637e-04	0.0000e+00
1696	0.0000e+00	0.0000e+00	-1.2514e-02	1.3824e-05	1.8079e-04	0.0000e+00
1697	0.0000e+00	0.0000e+00	-2.1630e-02	4.2241e-06	2.5309e-04	0.0000e+00
1698	0.0000e+00	0.0000e+00	-2.1375e-02	3.9857e-06	2.2712e-04	0.0000e+00
1699	0.0000e+00	0.0000e+00	-2.1230e-02	7.2724e-07	2.1438e-04	0.0000e+00
1700	0.0000e+00	0.0000e+00	-2.1290e-02	-3.7496e-06	2.1230e-04	0.0000e+00
1701	0.0000e+00	0.0000e+00	-2.1568e-02	-7.5877e-06	2.2022e-04	0.0000e+00
1702	0.0000e+00	0.0000e+00	-2.1995e-02	-8.9080e-06	2.3917e-04	0.0000e+00
1703	0.0000e+00	0.0000e+00	-2.2419e-02	-5.7648e-06	2.7229e-04	0.0000e+00
1704	0.0000e+00	0.0000e+00	-5.3918e-04	5.7191e-06	8.4388e-05	0.0000e+00
1705	0.0000e+00	0.0000e+00	-4.2033e-03	1.7371e-05	8.3267e-05	0.0000e+00
1706	0.0000e+00	0.0000e+00	-8.0359e-03	2.7029e-05	9.3187e-05	0.0000e+00
1707	0.0000e+00	0.0000e+00	-1.2536e-02	3.5268e-05	1.1412e-04	0.0000e+00
1708	0.0000e+00	0.0000e+00	-1.8155e-02	4.3028e-05	1.4470e-04	0.0000e+00
1709	0.0000e+00	0.0000e+00	-2.5260e-02	5.0744e-05	1.8208e-04	0.0000e+00
1710	0.0000e+00	0.0000e+00	-5.2767e-04	-5.7031e-06	8.4445e-05	0.0000e+00
1711	0.0000e+00	0.0000e+00	-4.1862e-03	-1.7256e-05	8.3329e-05	0.0000e+00
1712	0.0000e+00	0.0000e+00	-8.0214e-03	-2.6916e-05	9.3250e-05	0.0000e+00
1713	0.0000e+00	0.0000e+00	-1.2524e-02	-3.5161e-05	1.1418e-04	0.0000e+00
1714	0.0000e+00	0.0000e+00	-1.8146e-02	-4.2923e-05	1.4477e-04	0.0000e+00
1715	0.0000e+00	0.0000e+00	-2.5253e-02	-5.0637e-05	1.8214e-04	0.0000e+00
1716	0.0000e+00	0.0000e+00	2.1261e-02	5.3032e-05	1.3960e-04	0.0000e+00
1717	0.0000e+00	0.0000e+00	1.6059e-02	4.7694e-05	9.8696e-05	0.0000e+00
1718	0.0000e+00	0.0000e+00	1.2531e-02	4.3226e-05	6.3391e-05	0.0000e+00
1719	0.0000e+00	0.0000e+00	1.0392e-02	3.9344e-05	3.6399e-05	0.0000e+00
1720	0.0000e+00	0.0000e+00	9.2994e-03	3.5459e-05	-1.9091e-05	0.0000e+00
1721	0.0000e+00	0.0000e+00	8.8508e-03	3.1070e-05	-1.1381e-05	0.0000e+00
1722	0.0000e+00	0.0000e+00	8.5733e-03	2.5583e-05	-1.0116e-05	0.0000e+00
1723	0.0000e+00	0.0000e+00	7.9228e-03	1.8119e-05	2.2762e-05	0.0000e+00
1724	0.0000e+00	0.0000e+00	6.2973e-03	7.8477e-06	5.1475e-05	0.0000e+00
1725	0.0000e+00	0.0000e+00	2.1297e-02	-5.2963e-05	1.3980e-04	0.0000e+00
1726	0.0000e+00	0.0000e+00	1.6086e-02	-4.7631e-05	9.8951e-05	0.0000e+00
1727	0.0000e+00	0.0000e+00	1.2545e-02	-4.3160e-05	6.3712e-05	0.0000e+00
1728	0.0000e+00	0.0000e+00	1.0395e-02	-3.9266e-05	3.6806e-05	0.0000e+00
1729	0.0000e+00	0.0000e+00	9.2916e-03	-3.5361e-05	-1.9610e-05	0.0000e+00
1730	0.0000e+00	0.0000e+00	8.8358e-03	-3.0946e-05	-1.1934e-05	0.0000e+00
1731	0.0000e+00	0.0000e+00	8.5539e-03	-2.5427e-05	-1.0540e-05	0.0000e+00
1732	0.0000e+00	0.0000e+00	7.9004e-03	-1.7919e-05	2.2926e-05	0.0000e+00
1733	0.0000e+00	0.0000e+00	6.2728e-03	-7.5659e-06	5.1548e-05	0.0000e+00
1734	0.0000e+00	0.0000e+00	-3.7807e-02	7.7604e-05	1.9511e-04	0.0000e+00
1735	0.0000e+00	0.0000e+00	-3.4886e-02	6.8486e-05	1.8718e-04	0.0000e+00
1736	0.0000e+00	0.0000e+00	-3.2454e-02	5.3205e-05	1.8111e-04	0.0000e+00
1737	0.0000e+00	0.0000e+00	-3.0688e-02	3.5124e-05	1.7944e-04	0.0000e+00
1738	0.0000e+00	0.0000e+00	-2.9667e-02	1.5919e-05	1.8285e-04	0.0000e+00
1739	0.0000e+00	0.0000e+00	-2.9409e-02	-2.9233e-06	1.9198e-04	0.0000e+00
1740	0.0000e+00	0.0000e+00	-2.9884e-02	-2.0717e-05	2.0742e-04	0.0000e+00
1741	0.0000e+00	0.0000e+00	-3.0998e-02	-3.5238e-05	2.2905e-04	0.0000e+00
1742	0.0000e+00	0.0000e+00	-3.2507e-02	-4.0578e-05	2.5029e-04	0.0000e+00
1743	0.0000e+00	0.0000e+00	-3.2197e-02	4.5470e-05	2.5193e-04	0.0000e+00
1744	0.0000e+00	0.0000e+00	-3.0359e-02	3.8350e-05	2.2920e-04	0.0000e+00
1745	0.0000e+00	0.0000e+00	-2.9009e-02	2.3273e-05	2.0986e-04	0.0000e+00
1746	0.0000e+00	0.0000e+00	-2.8377e-02	5.5692e-06	1.9937e-04	0.0000e+00
1747	0.0000e+00	0.0000e+00	-2.8543e-02	-1.3093e-05	1.9787e-04	0.0000e+00
1748	0.0000e+00	0.0000e+00	-2.9529e-02	-3.1782e-05	2.0526e-04	0.0000e+00
1749	0.0000e+00	0.0000e+00	-3.1312e-02	-4.9411e-05	2.2178e-04	0.0000e+00

1750	0.0000e+00	0.0000e+00	-3.3806e-02	-6.4246e-05	2.4746e-04	0.0000e+00
1751	0.0000e+00	0.0000e+00	-3.6771e-02	-7.0787e-05	2.7712e-04	0.0000e+00
1752	0.0000e+00	0.0000e+00	3.0402e-02	-7.1955e-05	1.5368e-04	0.0000e+00
1753	0.0000e+00	0.0000e+00	2.7669e-02	-6.5221e-05	1.4941e-04	0.0000e+00
1754	0.0000e+00	0.0000e+00	2.5322e-02	-5.2404e-05	1.4501e-04	0.0000e+00
1755	0.0000e+00	0.0000e+00	2.3541e-02	-3.6891e-05	1.4388e-04	0.0000e+00
1756	0.0000e+00	0.0000e+00	2.2402e-02	-2.0310e-05	1.4712e-04	0.0000e+00
1757	0.0000e+00	0.0000e+00	2.1925e-02	-3.8469e-06	1.5538e-04	0.0000e+00
1758	0.0000e+00	0.0000e+00	2.2089e-02	1.1914e-05	1.6907e-04	0.0000e+00
1759	0.0000e+00	0.0000e+00	2.2820e-02	2.4928e-05	1.8768e-04	0.0000e+00
1760	0.0000e+00	0.0000e+00	2.3909e-02	3.0192e-05	2.0485e-04	0.0000e+00
1761	0.0000e+00	0.0000e+00	2.3486e-02	-3.8345e-05	2.0609e-04	0.0000e+00
1762	0.0000e+00	0.0000e+00	2.1948e-02	-3.2386e-05	1.8710e-04	0.0000e+00
1763	0.0000e+00	0.0000e+00	2.0816e-02	-1.9862e-05	1.6992e-04	0.0000e+00
1764	0.0000e+00	0.0000e+00	2.0271e-02	-5.7867e-06	1.6016e-04	0.0000e+00
1765	0.0000e+00	0.0000e+00	2.0366e-02	9.7351e-06	1.5833e-04	0.0000e+00
1766	0.0000e+00	0.0000e+00	2.1113e-02	2.4385e-05	1.6442e-04	0.0000e+00
1767	0.0000e+00	0.0000e+00	2.2490e-02	3.8361e-05	1.7854e-04	0.0000e+00
1768	0.0000e+00	0.0000e+00	2.4433e-02	5.0208e-05	2.0025e-04	0.0000e+00
1769	0.0000e+00	0.0000e+00	2.6736e-02	5.4925e-05	2.2404e-04	0.0000e+00
1770	0.0000e+00	0.0000e+00	2.7259e-02	-5.1480e-05	2.2665e-04	0.0000e+00
1771	0.0000e+00	0.0000e+00	2.5128e-02	-4.6178e-05	2.0375e-04	0.0000e+00
1772	0.0000e+00	0.0000e+00	2.3387e-02	-3.3622e-05	1.8304e-04	0.0000e+00
1773	0.0000e+00	0.0000e+00	2.2242e-02	-1.8886e-05	1.7004e-04	0.0000e+00
1774	0.0000e+00	0.0000e+00	2.1762e-02	-3.7505e-06	1.6519e-04	0.0000e+00
1775	0.0000e+00	0.0000e+00	2.1962e-02	1.2343e-05	1.6840e-04	0.0000e+00
1776	0.0000e+00	0.0000e+00	2.2823e-02	2.6948e-05	1.7970e-04	0.0000e+00
1777	0.0000e+00	0.0000e+00	2.4277e-02	3.9407e-05	1.9862e-04	0.0000e+00
1778	0.0000e+00	0.0000e+00	2.6118e-02	4.4723e-05	2.1963e-04	0.0000e+00
1779	0.0000e+00	0.0000e+00	-3.7155e-02	6.8008e-05	2.7923e-04	0.0000e+00
1780	0.0000e+00	0.0000e+00	-3.4324e-02	6.0940e-05	2.5022e-04	0.0000e+00
1781	0.0000e+00	0.0000e+00	-3.1988e-02	4.5550e-05	2.2527e-04	0.0000e+00
1782	0.0000e+00	0.0000e+00	-3.0387e-02	2.7383e-05	2.0957e-04	0.0000e+00
1783	0.0000e+00	0.0000e+00	-2.9605e-02	8.2377e-06	2.0311e-04	0.0000e+00
1784	0.0000e+00	0.0000e+00	-2.9660e-02	-1.0779e-05	2.0565e-04	0.0000e+00
1785	0.0000e+00	0.0000e+00	-3.0523e-02	-2.8533e-05	2.1732e-04	0.0000e+00
1786	0.0000e+00	0.0000e+00	-3.2097e-02	-4.3317e-05	2.3801e-04	0.0000e+00
1787	0.0000e+00	0.0000e+00	-3.4137e-02	-4.9636e-05	2.6237e-04	0.0000e+00
1788	0.0000e+00	0.0000e+00	-3.4136e-02	4.9643e-05	2.6239e-04	0.0000e+00
1789	0.0000e+00	0.0000e+00	-3.2096e-02	4.3296e-05	2.3803e-04	0.0000e+00
1790	0.0000e+00	0.0000e+00	-3.0523e-02	2.8491e-05	2.1734e-04	0.0000e+00
1791	0.0000e+00	0.0000e+00	-2.9663e-02	1.0724e-05	2.0567e-04	0.0000e+00
1792	0.0000e+00	0.0000e+00	-2.9610e-02	-8.2972e-06	2.0313e-04	0.0000e+00
1793	0.0000e+00	0.0000e+00	-3.0395e-02	-2.7441e-05	2.0960e-04	0.0000e+00
1794	0.0000e+00	0.0000e+00	-3.1998e-02	-4.5597e-05	2.2531e-04	0.0000e+00
1795	0.0000e+00	0.0000e+00	-3.4336e-02	-6.0967e-05	2.5026e-04	0.0000e+00
1796	0.0000e+00	0.0000e+00	-3.7167e-02	-6.8005e-05	2.7928e-04	0.0000e+00
1797	0.0000e+00	0.0000e+00	2.6103e-02	-4.4712e-05	2.1959e-04	0.0000e+00
1798	0.0000e+00	0.0000e+00	2.4262e-02	-3.9415e-05	1.9858e-04	0.0000e+00
1799	0.0000e+00	0.0000e+00	2.2807e-02	-2.6974e-05	1.7965e-04	0.0000e+00
1800	0.0000e+00	0.0000e+00	2.1945e-02	-1.2389e-05	1.6835e-04	0.0000e+00
1801	0.0000e+00	0.0000e+00	2.1743e-02	3.7473e-06	1.6513e-04	0.0000e+00
1802	0.0000e+00	0.0000e+00	2.2221e-02	1.8841e-05	1.6998e-04	0.0000e+00
1803	0.0000e+00	0.0000e+00	2.3363e-02	3.3573e-05	1.8297e-04	0.0000e+00
1804	0.0000e+00	0.0000e+00	2.5102e-02	4.6138e-05	2.0369e-04	0.0000e+00
1805	0.0000e+00	0.0000e+00	2.7231e-02	5.1457e-05	2.2657e-04	0.0000e+00
1806	0.0000e+00	0.0000e+00	2.6699e-02	-5.4921e-05	2.2394e-04	0.0000e+00
1807	0.0000e+00	0.0000e+00	2.4395e-02	-5.0238e-05	2.0016e-04	0.0000e+00
1808	0.0000e+00	0.0000e+00	2.2451e-02	-3.8427e-05	1.7843e-04	0.0000e+00
1809	0.0000e+00	0.0000e+00	2.1070e-02	-2.4494e-05	1.6430e-04	0.0000e+00
1810	0.0000e+00	0.0000e+00	2.0319e-02	-9.9253e-06	1.5820e-04	0.0000e+00
1811	0.0000e+00	0.0000e+00	2.0219e-02	5.8583e-06	1.6003e-04	0.0000e+00
1812	0.0000e+00	0.0000e+00	2.0759e-02	1.9804e-05	1.6978e-04	0.0000e+00
1813	0.0000e+00	0.0000e+00	2.1888e-02	3.2322e-05	1.8696e-04	0.0000e+00
1814	0.0000e+00	0.0000e+00	2.3423e-02	3.8299e-05	2.0592e-04	0.0000e+00
1815	0.0000e+00	0.0000e+00	2.3846e-02	-3.0151e-05	2.0467e-04	0.0000e+00
1816	0.0000e+00	0.0000e+00	2.2759e-02	-2.4896e-05	1.8752e-04	0.0000e+00
1817	0.0000e+00	0.0000e+00	2.2030e-02	-1.1881e-05	1.6891e-04	0.0000e+00
1818	0.0000e+00	0.0000e+00	2.1867e-02	3.7776e-06	1.5521e-04	0.0000e+00
1819	0.0000e+00	0.0000e+00	2.2344e-02	2.0286e-05	1.4695e-04	0.0000e+00
1820	0.0000e+00	0.0000e+00	2.3484e-02	3.6864e-05	1.4370e-04	0.0000e+00
1821	0.0000e+00	0.0000e+00	2.5265e-02	5.2376e-05	1.4482e-04	0.0000e+00

1822	0.0000e+00	0.0000e+00	2.7611e-02	6.5198e-05	1.4921e-04	0.0000e+00
1823	0.0000e+00	0.0000e+00	3.0344e-02	7.1949e-05	1.5343e-04	0.0000e+00
1824	0.0000e+00	0.0000e+00	-3.6769e-02	7.0830e-05	2.7716e-04	0.0000e+00
1825	0.0000e+00	0.0000e+00	-3.3803e-02	6.4262e-05	2.4749e-04	0.0000e+00
1826	0.0000e+00	0.0000e+00	-3.1309e-02	4.9408e-05	2.2180e-04	0.0000e+00
1827	0.0000e+00	0.0000e+00	-2.9526e-02	3.1771e-05	2.0528e-04	0.0000e+00
1828	0.0000e+00	0.0000e+00	-2.8541e-02	1.3094e-05	1.9789e-04	0.0000e+00
1829	0.0000e+00	0.0000e+00	-2.8376e-02	-5.6733e-06	1.9939e-04	0.0000e+00
1830	0.0000e+00	0.0000e+00	-2.9010e-02	-2.3315e-05	2.0989e-04	0.0000e+00
1831	0.0000e+00	0.0000e+00	-3.0361e-02	-3.8374e-05	2.2924e-04	0.0000e+00
1832	0.0000e+00	0.0000e+00	-3.2200e-02	-4.5472e-05	2.5197e-04	0.0000e+00
1833	0.0000e+00	0.0000e+00	-3.2508e-02	4.0590e-05	2.5034e-04	0.0000e+00
1834	0.0000e+00	0.0000e+00	-3.0999e-02	3.5219e-05	2.2910e-04	0.0000e+00
1835	0.0000e+00	0.0000e+00	-2.9887e-02	2.0669e-05	2.0747e-04	0.0000e+00
1836	0.0000e+00	0.0000e+00	-2.9414e-02	2.7309e-06	1.9202e-04	0.0000e+00
1837	0.0000e+00	0.0000e+00	-2.9673e-02	-1.5932e-05	1.8290e-04	0.0000e+00
1838	0.0000e+00	0.0000e+00	-3.0696e-02	-3.5143e-05	1.7949e-04	0.0000e+00
1839	0.0000e+00	0.0000e+00	-3.2463e-02	-5.3210e-05	1.8117e-04	0.0000e+00
1840	0.0000e+00	0.0000e+00	-3.4895e-02	-6.8464e-05	1.8723e-04	0.0000e+00
1841	0.0000e+00	0.0000e+00	-3.7815e-02	-7.7543e-05	1.9517e-04	0.0000e+00
1842	0.0000e+00	0.0000e+00	-3.9139e-02	1.7203e-05	2.9235e-04	0.0000e+00
1843	0.0000e+00	0.0000e+00	-3.8506e-02	1.4836e-05	2.8165e-04	0.0000e+00
1844	0.0000e+00	0.0000e+00	-3.8119e-02	4.8241e-06	2.7285e-04	0.0000e+00
1845	0.0000e+00	0.0000e+00	-3.8154e-02	-6.5827e-06	2.7305e-04	0.0000e+00
1846	0.0000e+00	0.0000e+00	-3.8614e-02	-1.6679e-05	2.8227e-04	0.0000e+00
1847	0.0000e+00	0.0000e+00	-3.9325e-02	-1.9211e-05	2.9340e-04	0.0000e+00
1848	0.0000e+00	0.0000e+00	2.8500e-02	-1.5050e-05	2.3596e-04	0.0000e+00
1849	0.0000e+00	0.0000e+00	2.7985e-02	-1.2919e-05	2.2898e-04	0.0000e+00
1850	0.0000e+00	0.0000e+00	2.7673e-02	-4.3343e-06	2.2221e-04	0.0000e+00
1851	0.0000e+00	0.0000e+00	2.7724e-02	6.1964e-06	2.2247e-04	0.0000e+00
1852	0.0000e+00	0.0000e+00	2.8140e-02	1.4943e-05	2.2976e-04	0.0000e+00
1853	0.0000e+00	0.0000e+00	2.8763e-02	1.7219e-05	2.3729e-04	0.0000e+00
1854	0.0000e+00	0.0000e+00	-3.9333e-02	1.9254e-05	2.9345e-04	0.0000e+00
1855	0.0000e+00	0.0000e+00	-3.8622e-02	1.6709e-05	2.8232e-04	0.0000e+00
1856	0.0000e+00	0.0000e+00	-3.8160e-02	6.6090e-06	2.7310e-04	0.0000e+00
1857	0.0000e+00	0.0000e+00	-3.8124e-02	-4.8157e-06	2.7289e-04	0.0000e+00
1858	0.0000e+00	0.0000e+00	-3.8510e-02	-1.4816e-05	2.8170e-04	0.0000e+00
1859	0.0000e+00	0.0000e+00	-3.9142e-02	-1.7172e-05	2.9239e-04	0.0000e+00
1860	0.0000e+00	0.0000e+00	2.8734e-02	-1.7208e-05	2.3721e-04	0.0000e+00
1861	0.0000e+00	0.0000e+00	2.8109e-02	-1.4958e-05	2.2969e-04	0.0000e+00
1862	0.0000e+00	0.0000e+00	2.7692e-02	-6.2677e-06	2.2240e-04	0.0000e+00
1863	0.0000e+00	0.0000e+00	2.7639e-02	4.4550e-06	2.2214e-04	0.0000e+00
1864	0.0000e+00	0.0000e+00	2.7949e-02	1.2972e-05	2.2890e-04	0.0000e+00
1865	0.0000e+00	0.0000e+00	2.8463e-02	1.5113e-05	2.3587e-04	0.0000e+00
1866	0.0000e+00	0.0000e+00	2.6957e-02	-2.5783e-05	2.2510e-04	0.0000e+00
1867	0.0000e+00	0.0000e+00	2.5963e-02	-2.0866e-05	2.1054e-04	0.0000e+00
1868	0.0000e+00	0.0000e+00	2.5324e-02	-9.2159e-06	1.9848e-04	0.0000e+00
1869	0.0000e+00	0.0000e+00	2.5222e-02	4.2591e-06	1.9486e-04	0.0000e+00
1870	0.0000e+00	0.0000e+00	2.5698e-02	1.7618e-05	2.0043e-04	0.0000e+00
1871	0.0000e+00	0.0000e+00	2.6716e-02	2.9389e-05	2.1448e-04	0.0000e+00
1872	0.0000e+00	0.0000e+00	2.8094e-02	3.4429e-05	2.3108e-04	0.0000e+00
1873	0.0000e+00	0.0000e+00	2.8093e-02	-3.4441e-05	2.3107e-04	0.0000e+00
1874	0.0000e+00	0.0000e+00	2.6713e-02	-2.9423e-05	2.1447e-04	0.0000e+00
1875	0.0000e+00	0.0000e+00	2.5692e-02	-1.7670e-05	2.0042e-04	0.0000e+00
1876	0.0000e+00	0.0000e+00	2.5214e-02	-4.3463e-06	1.9484e-04	0.0000e+00
1877	0.0000e+00	0.0000e+00	2.5312e-02	9.1964e-06	1.9845e-04	0.0000e+00
1878	0.0000e+00	0.0000e+00	2.5949e-02	2.0850e-05	2.1051e-04	0.0000e+00
1879	0.0000e+00	0.0000e+00	2.6941e-02	2.5786e-05	2.2506e-04	0.0000e+00
1880	0.0000e+00	0.0000e+00	-3.4562e-02	4.0270e-05	2.6500e-04	0.0000e+00
1881	0.0000e+00	0.0000e+00	-3.2918e-02	3.5115e-05	2.4360e-04	0.0000e+00
1882	0.0000e+00	0.0000e+00	-3.1670e-02	2.2194e-05	2.2605e-04	0.0000e+00
1883	0.0000e+00	0.0000e+00	-3.1033e-02	7.0200e-06	2.1809e-04	0.0000e+00
1884	0.0000e+00	0.0000e+00	-3.1068e-02	-8.6728e-06	2.2013e-04	0.0000e+00
1885	0.0000e+00	0.0000e+00	-3.1760e-02	-2.3194e-05	2.3172e-04	0.0000e+00
1886	0.0000e+00	0.0000e+00	-3.2962e-02	-3.1946e-05	2.4809e-04	0.0000e+00
1887	0.0000e+00	0.0000e+00	-3.2960e-02	3.1967e-05	2.4809e-04	0.0000e+00
1888	0.0000e+00	0.0000e+00	-3.1758e-02	2.3192e-05	2.3172e-04	0.0000e+00
1889	0.0000e+00	0.0000e+00	-3.1066e-02	8.6561e-06	2.2013e-04	0.0000e+00
1890	0.0000e+00	0.0000e+00	-3.1032e-02	-7.0393e-06	2.1809e-04	0.0000e+00
1891	0.0000e+00	0.0000e+00	-3.1670e-02	-2.2212e-05	2.2606e-04	0.0000e+00
1892	0.0000e+00	0.0000e+00	-3.2919e-02	-3.5122e-05	2.4361e-04	0.0000e+00
1893	0.0000e+00	0.0000e+00	-3.4563e-02	-4.0258e-05	2.6501e-04	0.0000e+00

2124 1.0711e+00 -2.8303e-04 0.0000e+00 0.0000e+00 0.0000e+00 -3.5354e-07

SPOSTAMENTI NODALI "Dinamica SLVh Y" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	1.9457e-02	-1.5968e-04	5.1994e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	-2.7104e-03	-4.3809e-05	2.1662e-05	0.0000e+00
3	0.0000e+00	0.0000e+00	3.6693e-03	-4.9185e-05	1.2881e-05	0.0000e+00
4	0.0000e+00	0.0000e+00	-3.2352e-03	-5.0860e-05	-1.4100e-05	0.0000e+00
5	0.0000e+00	0.0000e+00	1.9061e-03	-3.9701e-05	5.4473e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	9.0668e-05	-4.8068e-05	5.9923e-07	0.0000e+00
7	0.0000e+00	0.0000e+00	-1.8338e-03	-3.9696e-05	-4.6132e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	3.3693e-03	-5.0693e-05	1.4075e-05	0.0000e+00
9	0.0000e+00	0.0000e+00	-3.5836e-03	-4.9444e-05	-1.2206e-05	0.0000e+00
10	0.0000e+00	0.0000e+00	2.4537e-03	-4.4080e-05	-2.2633e-05	0.0000e+00
11	0.0000e+00	0.0000e+00	-1.9796e-02	-1.5984e-04	-5.3857e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	1.3362e-02	-2.4253e-04	-1.9611e-05	0.0000e+00
13	0.0000e+00	0.0000e+00	-2.4012e-03	-1.7849e-04	2.2542e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	3.3861e-03	-1.8466e-04	-1.6967e-05	0.0000e+00
15	0.0000e+00	0.0000e+00	-3.5704e-03	-1.8470e-04	1.1513e-05	0.0000e+00
16	0.0000e+00	0.0000e+00	1.6395e-03	-1.7884e-04	-5.6880e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-4.1282e-06	-1.8191e-04	-4.7881e-09	0.0000e+00
18	0.0000e+00	0.0000e+00	-1.6434e-03	-1.7884e-04	5.7103e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	3.5675e-03	-1.8469e-04	-1.1524e-05	0.0000e+00
20	0.0000e+00	0.0000e+00	-3.3863e-03	-1.8465e-04	1.6965e-05	0.0000e+00
21	0.0000e+00	0.0000e+00	2.4031e-03	-1.7848e-04	-2.2602e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	-1.3378e-02	-2.4264e-04	1.9478e-05	0.0000e+00
23	0.0000e+00	0.0000e+00	2.0049e-02	-1.7029e-04	-3.6414e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-3.9854e-03	-4.4690e-05	-3.7302e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	4.6319e-03	-5.0356e-05	-2.8215e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-3.5650e-03	-5.1850e-05	1.8638e-05	0.0000e+00
27	0.0000e+00	0.0000e+00	2.2280e-03	-3.9655e-05	-8.9858e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	3.4640e-06	-4.8552e-05	3.0716e-08	0.0000e+00
29	0.0000e+00	0.0000e+00	-2.2240e-03	-3.9651e-05	8.9913e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	3.5758e-03	-5.1829e-05	-1.8673e-05	0.0000e+00
31	0.0000e+00	0.0000e+00	-4.6278e-03	-5.0383e-05	2.8307e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	4.0644e-03	-4.4764e-05	3.7516e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	-2.0117e-02	-1.7060e-04	3.6192e-05	0.0000e+00
67	0.0000e+00	0.0000e+00	2.1177e-02	-1.4958e-04	3.8279e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	-2.7367e-03	-3.3816e-05	1.7841e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	3.8391e-03	-3.7880e-05	8.4700e-06	0.0000e+00
70	0.0000e+00	0.0000e+00	-3.5883e-03	-3.9546e-05	-7.9140e-06	0.0000e+00
71	0.0000e+00	0.0000e+00	2.0455e-03	-2.7708e-05	3.6693e-06	0.0000e+00
72	0.0000e+00	0.0000e+00	1.2032e-04	-3.6640e-05	7.5305e-07	0.0000e+00
73	0.0000e+00	0.0000e+00	-1.9409e-03	-2.7701e-05	-2.7337e-06	0.0000e+00
74	0.0000e+00	0.0000e+00	3.7381e-03	-3.9369e-05	7.9626e-06	0.0000e+00
75	0.0000e+00	0.0000e+00	-3.7169e-03	-3.8176e-05	-7.9017e-06	0.0000e+00
76	0.0000e+00	0.0000e+00	2.5105e-03	-3.4209e-05	-1.9161e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	-2.1602e-02	-1.4966e-04	-4.0326e-05	0.0000e+00
78	0.0000e+00	0.0000e+00	2.1309e-02	-1.5800e-04	-3.0824e-05	0.0000e+00
79	0.0000e+00	0.0000e+00	-5.1481e-03	-3.2649e-05	-3.0898e-05	0.0000e+00
80	0.0000e+00	0.0000e+00	5.5297e-03	-3.7645e-05	-2.3430e-05	0.0000e+00
81	0.0000e+00	0.0000e+00	-3.8894e-03	-3.9521e-05	1.5659e-05	0.0000e+00
82	0.0000e+00	0.0000e+00	2.4954e-03	-2.6308e-05	-7.2637e-06	0.0000e+00
83	0.0000e+00	0.0000e+00	3.1492e-06	-3.6055e-05	-2.2573e-08	0.0000e+00
84	0.0000e+00	0.0000e+00	-2.4914e-03	-2.6303e-05	7.2673e-06	0.0000e+00
85	0.0000e+00	0.0000e+00	3.9019e-03	-3.9498e-05	-1.5697e-05	0.0000e+00
86	0.0000e+00	0.0000e+00	-5.5303e-03	-3.7682e-05	2.3526e-05	0.0000e+00
87	0.0000e+00	0.0000e+00	5.2400e-03	-3.2744e-05	3.1070e-05	0.0000e+00
88	0.0000e+00	0.0000e+00	-2.1374e-02	-1.5833e-04	3.0594e-05	0.0000e+00
89	0.0000e+00	0.0000e+00	2.5754e-02	-1.4258e-04	5.3539e-05	0.0000e+00
90	0.0000e+00	0.0000e+00	2.2588e-02	-1.9345e-04	-2.1550e-05	0.0000e+00
91	0.0000e+00	0.0000e+00	2.7211e-02	-1.5659e-04	-3.6525e-05	0.0000e+00
92	0.0000e+00	0.0000e+00	2.7521e-02	-1.4714e-04	4.1568e-05	0.0000e+00
93	0.0000e+00	0.0000e+00	2.8445e-02	-1.5809e-04	-2.8308e-05	0.0000e+00
94	0.0000e+00	0.0000e+00	-2.8529e-02	-1.5839e-04	2.8003e-05	0.0000e+00
95	0.0000e+00	0.0000e+00	-2.6077e-02	-1.4270e-04	-5.5389e-05	0.0000e+00
96	0.0000e+00	0.0000e+00	-2.2608e-02	-1.9357e-04	2.1439e-05	0.0000e+00
97	0.0000e+00	0.0000e+00	-2.7295e-02	-1.5688e-04	3.6337e-05	0.0000e+00
98	0.0000e+00	0.0000e+00	-2.7924e-02	-1.4723e-04	-4.3507e-05	0.0000e+00
99	0.0000e+00	0.0000e+00	1.7387e-02	-1.3998e-04	5.0128e-05	0.0000e+00
100	0.0000e+00	0.0000e+00	1.2475e-02	-1.1577e-04	4.3392e-05	0.0000e+00



101	0.0000e+00	0.0000e+00	1.4231e-02	-1.2419e-04	4.5310e-05	0.0000e+00
102	0.0000e+00	0.0000e+00	8.6192e-03	-8.8520e-05	3.7532e-05	0.0000e+00
103	0.0000e+00	0.0000e+00	1.0212e-02	-9.4918e-05	3.9437e-05	0.0000e+00
104	0.0000e+00	0.0000e+00	5.7546e-03	-6.5032e-05	3.2197e-05	0.0000e+00
105	0.0000e+00	0.0000e+00	7.1853e-03	-7.1217e-05	3.4255e-05	0.0000e+00
106	0.0000e+00	0.0000e+00	3.6792e-03	-4.6980e-05	2.7109e-05	0.0000e+00
107	0.0000e+00	0.0000e+00	4.9216e-03	-5.3111e-05	2.9573e-05	0.0000e+00
108	0.0000e+00	0.0000e+00	2.1724e-03	-3.4578e-05	2.2443e-05	0.0000e+00
109	0.0000e+00	0.0000e+00	3.2083e-03	-4.0324e-05	2.5413e-05	0.0000e+00
110	0.0000e+00	0.0000e+00	1.0738e-03	-2.6882e-05	1.8401e-05	0.0000e+00
111	0.0000e+00	0.0000e+00	1.8888e-03	-3.1854e-05	2.1873e-05	0.0000e+00
112	0.0000e+00	0.0000e+00	-5.6211e-04	-2.2124e-05	1.5095e-05	0.0000e+00
113	0.0000e+00	0.0000e+00	9.3322e-04	-2.6340e-05	1.9103e-05	0.0000e+00
114	0.0000e+00	0.0000e+00	-1.0652e-03	-1.9632e-05	1.2292e-05	0.0000e+00
115	0.0000e+00	0.0000e+00	-7.8797e-04	-2.3934e-05	1.7407e-05	0.0000e+00
116	0.0000e+00	0.0000e+00	-1.8326e-03	-2.1258e-05	8.7419e-06	0.0000e+00
117	0.0000e+00	0.0000e+00	-1.5311e-03	-2.8292e-05	1.7545e-05	0.0000e+00
118	0.0000e+00	0.0000e+00	-2.6844e-03	-2.2070e-05	-6.8931e-06	0.0000e+00
119	0.0000e+00	0.0000e+00	1.5455e-02	-1.2763e-04	4.4873e-05	0.0000e+00
120	0.0000e+00	0.0000e+00	1.0861e-02	-1.0816e-04	3.8802e-05	0.0000e+00
121	0.0000e+00	0.0000e+00	7.1869e-03	-8.3638e-05	3.2868e-05	0.0000e+00
122	0.0000e+00	0.0000e+00	4.4778e-03	-6.0751e-05	2.7587e-05	0.0000e+00
123	0.0000e+00	0.0000e+00	2.5935e-03	-4.2563e-05	2.2596e-05	0.0000e+00
124	0.0000e+00	0.0000e+00	1.3439e-03	-3.0007e-05	1.7993e-05	0.0000e+00
125	0.0000e+00	0.0000e+00	-6.8522e-04	-2.2420e-05	1.3980e-05	0.0000e+00
126	0.0000e+00	0.0000e+00	-8.6910e-04	-1.7967e-05	1.0692e-05	0.0000e+00
127	0.0000e+00	0.0000e+00	-1.4098e-03	-1.5402e-05	7.8366e-06	0.0000e+00
128	0.0000e+00	0.0000e+00	-1.9903e-03	-1.4518e-05	4.6853e-06	0.0000e+00
129	0.0000e+00	0.0000e+00	-2.5261e-03	-1.2394e-05	-5.4892e-06	0.0000e+00
130	0.0000e+00	0.0000e+00	1.3832e-02	-1.2006e-04	3.7146e-05	0.0000e+00
131	0.0000e+00	0.0000e+00	9.4663e-03	-1.0173e-04	3.2430e-05	0.0000e+00
132	0.0000e+00	0.0000e+00	5.9651e-03	-7.8674e-05	2.7241e-05	0.0000e+00
133	0.0000e+00	0.0000e+00	3.4098e-03	-5.6413e-05	2.2343e-05	0.0000e+00
134	0.0000e+00	0.0000e+00	1.7243e-03	-3.8212e-05	1.7642e-05	0.0000e+00
135	0.0000e+00	0.0000e+00	-8.4744e-04	-2.5461e-05	1.3246e-05	0.0000e+00
136	0.0000e+00	0.0000e+00	-8.3880e-04	-1.7817e-05	9.3953e-06	0.0000e+00
137	0.0000e+00	0.0000e+00	-1.2030e-03	-1.3482e-05	6.4941e-06	0.0000e+00
138	0.0000e+00	0.0000e+00	-1.6026e-03	-1.0817e-05	5.0689e-06	0.0000e+00
139	0.0000e+00	0.0000e+00	-1.9881e-03	-9.1016e-06	5.3524e-06	0.0000e+00
140	0.0000e+00	0.0000e+00	-2.3100e-03	-6.6287e-06	-6.9551e-06	0.0000e+00
141	0.0000e+00	0.0000e+00	1.2616e-02	-1.1700e-04	2.8272e-05	0.0000e+00
142	0.0000e+00	0.0000e+00	8.3554e-03	-9.8014e-05	2.5289e-05	0.0000e+00
143	0.0000e+00	0.0000e+00	4.9726e-03	-7.4847e-05	2.1523e-05	0.0000e+00
144	0.0000e+00	0.0000e+00	2.5544e-03	-5.2445e-05	1.7391e-05	0.0000e+00
145	0.0000e+00	0.0000e+00	1.0948e-03	-3.3990e-05	1.3080e-05	0.0000e+00
146	0.0000e+00	0.0000e+00	-7.7004e-04	-2.1022e-05	8.8415e-06	0.0000e+00
147	0.0000e+00	0.0000e+00	-1.0853e-03	-1.3395e-05	5.1046e-06	0.0000e+00
148	0.0000e+00	0.0000e+00	-1.3879e-03	-9.3549e-06	3.2042e-06	0.0000e+00
149	0.0000e+00	0.0000e+00	-1.6531e-03	-7.1439e-06	4.5667e-06	0.0000e+00
150	0.0000e+00	0.0000e+00	-1.9055e-03	-5.9614e-06	-6.6330e-06	0.0000e+00
151	0.0000e+00	0.0000e+00	-2.1170e-03	-4.1885e-06	-8.0517e-06	0.0000e+00
152	0.0000e+00	0.0000e+00	1.1850e-02	-1.1865e-04	1.9735e-05	0.0000e+00
153	0.0000e+00	0.0000e+00	7.5470e-03	-9.7557e-05	1.8352e-05	0.0000e+00
154	0.0000e+00	0.0000e+00	4.2000e-03	-7.2673e-05	1.6388e-05	0.0000e+00
155	0.0000e+00	0.0000e+00	1.8919e-03	-4.8998e-05	1.3269e-05	0.0000e+00
156	0.0000e+00	0.0000e+00	7.3255e-04	-2.9744e-05	9.3070e-06	0.0000e+00
157	0.0000e+00	0.0000e+00	-8.9975e-04	-1.6485e-05	5.0136e-06	0.0000e+00
158	0.0000e+00	0.0000e+00	-1.2154e-03	-9.1425e-06	1.3112e-06	0.0000e+00
159	0.0000e+00	0.0000e+00	-1.4081e-03	-5.7988e-06	-3.1289e-06	0.0000e+00
160	0.0000e+00	0.0000e+00	-1.5799e-03	-4.8708e-06	-5.6778e-06	0.0000e+00
161	0.0000e+00	0.0000e+00	-1.7893e-03	-5.5712e-06	-7.3863e-06	0.0000e+00
162	0.0000e+00	0.0000e+00	-2.0092e-03	-4.9439e-06	-8.6186e-06	0.0000e+00
163	0.0000e+00	0.0000e+00	1.1528e-02	-1.2551e-04	1.3699e-05	0.0000e+00
164	0.0000e+00	0.0000e+00	7.0155e-03	-1.0065e-04	1.2487e-05	0.0000e+00
165	0.0000e+00	0.0000e+00	3.6103e-03	-7.2225e-05	1.2433e-05	0.0000e+00
166	0.0000e+00	0.0000e+00	1.3901e-03	-4.5959e-05	1.0289e-05	0.0000e+00
167	0.0000e+00	0.0000e+00	-6.4591e-04	-2.5231e-05	6.4312e-06	0.0000e+00
168	0.0000e+00	0.0000e+00	-1.0029e-03	-1.1575e-05	1.7972e-06	0.0000e+00
169	0.0000e+00	0.0000e+00	-1.1890e-03	-5.0113e-06	-2.9683e-06	0.0000e+00
170	0.0000e+00	0.0000e+00	-1.2522e-03	-2.7019e-06	-6.5770e-06	0.0000e+00
171	0.0000e+00	0.0000e+00	-1.3715e-03	-4.6941e-06	-8.2159e-06	0.0000e+00
172	0.0000e+00	0.0000e+00	-1.6441e-03	-8.7170e-06	-7.9001e-06	0.0000e+00

173	0.0000e+00	0.0000e+00	-2.0226e-03	-9.3875e-06	8.6687e-06	0.0000e+00
174	0.0000e+00	0.0000e+00	1.1610e-02	-1.3845e-04	-1.2809e-05	0.0000e+00
175	0.0000e+00	0.0000e+00	6.6973e-03	-1.0734e-04	8.4033e-06	0.0000e+00
176	0.0000e+00	0.0000e+00	3.1472e-03	-7.3076e-05	1.0008e-05	0.0000e+00
177	0.0000e+00	0.0000e+00	1.0167e-03	-4.2937e-05	8.3180e-06	0.0000e+00
178	0.0000e+00	0.0000e+00	-7.1309e-04	-2.0229e-05	4.2429e-06	0.0000e+00
179	0.0000e+00	0.0000e+00	-1.0112e-03	-6.3544e-06	-1.1453e-06	0.0000e+00
180	0.0000e+00	0.0000e+00	-1.0010e-03	3.6139e-06	-6.4632e-06	0.0000e+00
181	0.0000e+00	0.0000e+00	-9.0120e-04	1.5279e-06	-1.1038e-05	0.0000e+00
182	0.0000e+00	0.0000e+00	-9.8241e-04	-6.2886e-06	-1.2781e-05	0.0000e+00
183	0.0000e+00	0.0000e+00	-1.4226e-03	-1.5625e-05	-9.5879e-06	0.0000e+00
184	0.0000e+00	0.0000e+00	-2.1499e-03	-1.8825e-05	8.0137e-06	0.0000e+00
185	0.0000e+00	0.0000e+00	1.2022e-02	-1.5902e-04	-1.5604e-05	0.0000e+00
186	0.0000e+00	0.0000e+00	6.4998e-03	-1.1699e-04	6.5283e-06	0.0000e+00
187	0.0000e+00	0.0000e+00	2.7591e-03	-7.4040e-05	8.4955e-06	0.0000e+00
188	0.0000e+00	0.0000e+00	7.5502e-04	-3.9490e-05	6.2812e-06	0.0000e+00
189	0.0000e+00	0.0000e+00	-7.8599e-04	-1.4983e-05	2.2204e-06	0.0000e+00
190	0.0000e+00	0.0000e+00	-9.2345e-04	4.0137e-06	-3.0220e-06	0.0000e+00
191	0.0000e+00	0.0000e+00	-6.8232e-04	8.7464e-06	-8.6292e-06	0.0000e+00
192	0.0000e+00	0.0000e+00	-3.8023e-04	6.2291e-06	-1.4535e-05	0.0000e+00
193	0.0000e+00	0.0000e+00	-3.9118e-04	-7.1892e-06	-1.8831e-05	0.0000e+00
194	0.0000e+00	0.0000e+00	-1.0162e-03	-2.6489e-05	-1.5448e-05	0.0000e+00
195	0.0000e+00	0.0000e+00	-2.3365e-03	-3.6938e-05	6.0948e-06	0.0000e+00
196	0.0000e+00	0.0000e+00	1.2657e-02	-1.9018e-04	-1.8280e-05	0.0000e+00
197	0.0000e+00	0.0000e+00	6.3326e-03	-1.2580e-04	6.6637e-06	0.0000e+00
198	0.0000e+00	0.0000e+00	2.4676e-03	-7.2884e-05	5.1742e-06	0.0000e+00
199	0.0000e+00	0.0000e+00	5.9433e-04	-3.6056e-05	2.8352e-06	0.0000e+00
200	0.0000e+00	0.0000e+00	-7.7852e-04	-1.0790e-05	-1.7782e-06	0.0000e+00
201	0.0000e+00	0.0000e+00	-7.6897e-04	7.3791e-06	-3.9822e-06	0.0000e+00
202	0.0000e+00	0.0000e+00	-3.3547e-04	1.4647e-05	-7.6573e-06	0.0000e+00
203	0.0000e+00	0.0000e+00	3.2199e-04	1.3203e-05	-1.2851e-05	0.0000e+00
204	0.0000e+00	0.0000e+00	6.1078e-04	3.1290e-06	-2.0209e-05	0.0000e+00
205	0.0000e+00	0.0000e+00	3.8908e-04	-3.5993e-05	-2.8479e-05	0.0000e+00
206	0.0000e+00	0.0000e+00	-2.4732e-03	-7.0961e-05	2.5965e-06	0.0000e+00
207	0.0000e+00	0.0000e+00	6.4258e-03	-1.2677e-04	-1.4082e-05	0.0000e+00
208	0.0000e+00	0.0000e+00	2.5210e-03	-7.2746e-05	-1.0360e-05	0.0000e+00
209	0.0000e+00	0.0000e+00	5.3596e-04	-3.5553e-05	-7.4866e-06	0.0000e+00
210	0.0000e+00	0.0000e+00	-6.2649e-04	-9.8258e-06	-5.4590e-06	0.0000e+00
211	0.0000e+00	0.0000e+00	-5.9119e-04	8.5757e-06	-4.1563e-06	0.0000e+00
212	0.0000e+00	0.0000e+00	-1.2365e-04	1.6946e-05	-3.5805e-06	0.0000e+00
213	0.0000e+00	0.0000e+00	6.3402e-04	1.6936e-05	-4.0007e-06	0.0000e+00
214	0.0000e+00	0.0000e+00	1.1009e-03	5.8382e-06	-5.9514e-06	0.0000e+00
215	0.0000e+00	0.0000e+00	7.6566e-04	-2.5924e-05	9.7815e-06	0.0000e+00
216	0.0000e+00	0.0000e+00	-3.3064e-03	-6.8878e-06	-1.4113e-05	0.0000e+00
217	0.0000e+00	0.0000e+00	-3.6442e-03	-1.1565e-05	-1.5734e-05	0.0000e+00
218	0.0000e+00	0.0000e+00	-3.1886e-03	1.1351e-05	-1.3028e-05	0.0000e+00
219	0.0000e+00	0.0000e+00	-3.5268e-03	1.0943e-05	-1.1951e-05	0.0000e+00
220	0.0000e+00	0.0000e+00	-2.4695e-03	2.4083e-05	-9.0049e-06	0.0000e+00
221	0.0000e+00	0.0000e+00	-2.6857e-03	2.5652e-05	-8.4991e-06	0.0000e+00
222	0.0000e+00	0.0000e+00	-1.5197e-03	3.1597e-05	-4.5247e-06	0.0000e+00
223	0.0000e+00	0.0000e+00	-1.5662e-03	3.4117e-05	-5.6664e-06	0.0000e+00
224	0.0000e+00	0.0000e+00	1.3401e-03	3.4067e-05	4.4196e-06	0.0000e+00
225	0.0000e+00	0.0000e+00	1.4101e-03	3.6837e-05	5.2368e-06	0.0000e+00
226	0.0000e+00	0.0000e+00	2.3483e-03	3.1520e-05	9.2213e-06	0.0000e+00
227	0.0000e+00	0.0000e+00	2.6477e-03	3.3917e-05	7.4630e-06	0.0000e+00
228	0.0000e+00	0.0000e+00	3.4508e-03	2.3726e-05	1.4325e-05	0.0000e+00
229	0.0000e+00	0.0000e+00	3.9429e-03	2.5064e-05	1.0093e-05	0.0000e+00
230	0.0000e+00	0.0000e+00	4.1587e-03	1.0293e-05	1.8487e-05	0.0000e+00
231	0.0000e+00	0.0000e+00	4.7819e-03	9.6951e-06	1.1842e-05	0.0000e+00
232	0.0000e+00	0.0000e+00	4.1712e-03	-9.1533e-06	1.9882e-05	0.0000e+00
233	0.0000e+00	0.0000e+00	4.8121e-03	-1.4644e-05	1.2190e-05	0.0000e+00
234	0.0000e+00	0.0000e+00	3.3123e-03	-2.7417e-05	1.1847e-05	0.0000e+00
235	0.0000e+00	0.0000e+00	-2.8574e-03	-3.7794e-06	-1.0417e-05	0.0000e+00
236	0.0000e+00	0.0000e+00	-2.7201e-03	8.9749e-06	-1.1114e-05	0.0000e+00
237	0.0000e+00	0.0000e+00	-2.1350e-03	1.9317e-05	-8.4261e-06	0.0000e+00
238	0.0000e+00	0.0000e+00	-1.3600e-03	2.5875e-05	-4.9792e-06	0.0000e+00
239	0.0000e+00	0.0000e+00	1.1749e-03	2.8044e-05	5.1280e-06	0.0000e+00
240	0.0000e+00	0.0000e+00	1.9607e-03	2.5631e-05	9.3229e-06	0.0000e+00
241	0.0000e+00	0.0000e+00	2.8397e-03	1.8564e-05	1.3953e-05	0.0000e+00
242	0.0000e+00	0.0000e+00	3.3811e-03	7.1502e-06	1.7334e-05	0.0000e+00
243	0.0000e+00	0.0000e+00	3.3778e-03	-7.0565e-06	1.7291e-05	0.0000e+00
244	0.0000e+00	0.0000e+00	2.8084e-03	-1.8061e-05	1.1954e-05	0.0000e+00

245	0.0000e+00	0.0000e+00	-2.4699e-03	-1.1651e-06	-8.7393e-06	0.0000e+00
246	0.0000e+00	0.0000e+00	-2.3062e-03	8.0299e-06	-8.8675e-06	0.0000e+00
247	0.0000e+00	0.0000e+00	-1.8061e-03	1.6092e-05	-7.4567e-06	0.0000e+00
248	0.0000e+00	0.0000e+00	-1.1397e-03	2.1606e-05	-5.8961e-06	0.0000e+00
249	0.0000e+00	0.0000e+00	9.4010e-04	2.3436e-05	6.0021e-06	0.0000e+00
250	0.0000e+00	0.0000e+00	1.5848e-03	2.1173e-05	8.0802e-06	0.0000e+00
251	0.0000e+00	0.0000e+00	2.3033e-03	1.4939e-05	1.0749e-05	0.0000e+00
252	0.0000e+00	0.0000e+00	2.7319e-03	5.6464e-06	1.2673e-05	0.0000e+00
253	0.0000e+00	0.0000e+00	2.7362e-03	-4.8970e-06	1.2582e-05	0.0000e+00
254	0.0000e+00	0.0000e+00	2.3353e-03	-1.2704e-05	1.0026e-05	0.0000e+00
255	0.0000e+00	0.0000e+00	-2.2057e-03	8.9445e-07	-8.5527e-06	0.0000e+00
256	0.0000e+00	0.0000e+00	-2.0363e-03	7.4153e-06	-8.1676e-06	0.0000e+00
257	0.0000e+00	0.0000e+00	-1.5725e-03	1.4409e-05	-7.4100e-06	0.0000e+00
258	0.0000e+00	0.0000e+00	-9.2254e-04	1.9407e-05	-6.7227e-06	0.0000e+00
259	0.0000e+00	0.0000e+00	6.7003e-04	2.1066e-05	6.3678e-06	0.0000e+00
260	0.0000e+00	0.0000e+00	1.2967e-03	1.8870e-05	6.4425e-06	0.0000e+00
261	0.0000e+00	0.0000e+00	1.9548e-03	1.3058e-05	6.8900e-06	0.0000e+00
262	0.0000e+00	0.0000e+00	2.3319e-03	4.8083e-06	7.4647e-06	0.0000e+00
263	0.0000e+00	0.0000e+00	2.3352e-03	-4.1449e-06	7.7494e-06	0.0000e+00
264	0.0000e+00	0.0000e+00	1.9987e-03	-1.0582e-05	7.3968e-06	0.0000e+00
265	0.0000e+00	0.0000e+00	-2.1369e-03	-9.6655e-07	9.5723e-06	0.0000e+00
266	0.0000e+00	0.0000e+00	-1.9995e-03	6.8875e-06	9.6685e-06	0.0000e+00
267	0.0000e+00	0.0000e+00	-1.5327e-03	1.4385e-05	8.7691e-06	0.0000e+00
268	0.0000e+00	0.0000e+00	-8.0608e-04	1.9734e-05	7.3430e-06	0.0000e+00
269	0.0000e+00	0.0000e+00	4.0493e-04	2.1517e-05	-6.1124e-06	0.0000e+00
270	0.0000e+00	0.0000e+00	1.1686e-03	1.9218e-05	-5.6899e-06	0.0000e+00
271	0.0000e+00	0.0000e+00	1.8716e-03	1.3088e-05	-6.0135e-06	0.0000e+00
272	0.0000e+00	0.0000e+00	2.2521e-03	4.4119e-06	-6.3256e-06	0.0000e+00
273	0.0000e+00	0.0000e+00	2.2322e-03	-4.9052e-06	-6.1341e-06	0.0000e+00
274	0.0000e+00	0.0000e+00	1.8628e-03	-1.1240e-05	-5.8763e-06	0.0000e+00
275	0.0000e+00	0.0000e+00	-2.3282e-03	-3.6313e-06	1.1920e-05	0.0000e+00
276	0.0000e+00	0.0000e+00	-2.2698e-03	6.4898e-06	1.3204e-05	0.0000e+00
277	0.0000e+00	0.0000e+00	-1.7614e-03	1.6240e-05	1.1354e-05	0.0000e+00
278	0.0000e+00	0.0000e+00	-8.8869e-04	2.2812e-05	7.8675e-06	0.0000e+00
279	0.0000e+00	0.0000e+00	2.1383e-04	2.4999e-05	-5.2869e-06	0.0000e+00
280	0.0000e+00	0.0000e+00	1.2545e-03	2.2448e-05	-6.7917e-06	0.0000e+00
281	0.0000e+00	0.0000e+00	2.0989e-03	1.5231e-05	-1.0153e-05	0.0000e+00
282	0.0000e+00	0.0000e+00	2.5383e-03	4.4799e-06	-1.2087e-05	0.0000e+00
283	0.0000e+00	0.0000e+00	2.4660e-03	-7.5017e-06	-1.0731e-05	0.0000e+00
284	0.0000e+00	0.0000e+00	1.9513e-03	-1.5103e-05	-6.8806e-06	0.0000e+00
285	0.0000e+00	0.0000e+00	-2.8085e-03	-9.1889e-06	1.6046e-05	0.0000e+00
286	0.0000e+00	0.0000e+00	-2.8627e-03	6.8244e-06	1.8210e-05	0.0000e+00
287	0.0000e+00	0.0000e+00	-2.2455e-03	2.0412e-05	1.4356e-05	0.0000e+00
288	0.0000e+00	0.0000e+00	-1.1487e-03	2.8614e-05	8.2105e-06	0.0000e+00
289	0.0000e+00	0.0000e+00	2.3177e-04	3.1291e-05	-3.9888e-06	0.0000e+00
290	0.0000e+00	0.0000e+00	1.5376e-03	2.8552e-05	-8.7400e-06	0.0000e+00
291	0.0000e+00	0.0000e+00	2.6260e-03	1.9942e-05	-1.5435e-05	0.0000e+00
292	0.0000e+00	0.0000e+00	3.2035e-03	5.5178e-06	-1.9954e-05	0.0000e+00
293	0.0000e+00	0.0000e+00	3.0543e-03	-1.2415e-05	-1.8198e-05	0.0000e+00
294	0.0000e+00	0.0000e+00	2.2341e-03	-2.3690e-05	-8.9618e-06	0.0000e+00
295	0.0000e+00	0.0000e+00	-3.5945e-03	-1.7351e-05	2.2690e-05	0.0000e+00
296	0.0000e+00	0.0000e+00	-3.7326e-03	9.4809e-06	2.2782e-05	0.0000e+00
297	0.0000e+00	0.0000e+00	-2.8897e-03	2.7278e-05	1.5582e-05	0.0000e+00
298	0.0000e+00	0.0000e+00	-1.4776e-03	3.6371e-05	7.5701e-06	0.0000e+00
299	0.0000e+00	0.0000e+00	3.4311e-04	3.9288e-05	-2.4097e-06	0.0000e+00
300	0.0000e+00	0.0000e+00	1.9331e-03	3.6786e-05	-9.5062e-06	0.0000e+00
301	0.0000e+00	0.0000e+00	3.3691e-03	2.7671e-05	-1.8403e-05	0.0000e+00
302	0.0000e+00	0.0000e+00	4.2148e-03	9.0806e-06	-2.6847e-05	0.0000e+00
303	0.0000e+00	0.0000e+00	4.0213e-03	-1.9774e-05	-2.7742e-05	0.0000e+00
304	0.0000e+00	0.0000e+00	2.6392e-03	-4.0986e-05	-1.0258e-05	0.0000e+00
305	0.0000e+00	0.0000e+00	-4.7264e-03	-2.1024e-05	3.1814e-05	0.0000e+00
306	0.0000e+00	0.0000e+00	-4.6983e-03	1.7844e-05	2.0036e-05	0.0000e+00
307	0.0000e+00	0.0000e+00	-3.4966e-03	3.5563e-05	1.1370e-05	0.0000e+00
308	0.0000e+00	0.0000e+00	-1.7524e-03	4.3815e-05	4.7533e-06	0.0000e+00
309	0.0000e+00	0.0000e+00	4.1469e-04	4.6590e-05	-1.1735e-06	0.0000e+00
310	0.0000e+00	0.0000e+00	2.3104e-03	4.4833e-05	-7.3008e-06	0.0000e+00
311	0.0000e+00	0.0000e+00	4.1187e-03	3.7164e-05	-1.4854e-05	0.0000e+00
312	0.0000e+00	0.0000e+00	5.3861e-03	1.9012e-05	-2.5191e-05	0.0000e+00
313	0.0000e+00	0.0000e+00	5.4203e-03	-2.2462e-05	-3.9118e-05	0.0000e+00
314	0.0000e+00	0.0000e+00	3.0570e-03	-7.4773e-05	-1.0037e-05	0.0000e+00
315	0.0000e+00	0.0000e+00	-5.4389e-03	-1.3957e-05	9.0805e-06	0.0000e+00
316	0.0000e+00	0.0000e+00	-5.1587e-03	2.3596e-05	5.0863e-06	0.0000e+00

317	0.0000e+00	0.0000e+00	-3.7553e-03	3.9745e-05	3.0000e-06	0.0000e+00
318	0.0000e+00	0.0000e+00	-1.8475e-03	4.7377e-05	1.9330e-06	0.0000e+00
319	0.0000e+00	0.0000e+00	4.3046e-04	5.0152e-05	-1.8053e-06	0.0000e+00
320	0.0000e+00	0.0000e+00	2.5166e-03	4.8902e-05	-2.5604e-06	0.0000e+00
321	0.0000e+00	0.0000e+00	4.5226e-03	4.2479e-05	-3.6924e-06	0.0000e+00
322	0.0000e+00	0.0000e+00	6.0581e-03	2.6775e-05	-5.2292e-06	0.0000e+00
323	0.0000e+00	0.0000e+00	6.4550e-03	-1.2060e-05	-7.8230e-06	0.0000e+00
324	0.0000e+00	0.0000e+00	-2.7570e-03	-2.9021e-05	-1.1918e-05	0.0000e+00
325	0.0000e+00	0.0000e+00	-3.7149e-03	-1.2337e-05	-2.0424e-05	0.0000e+00
326	0.0000e+00	0.0000e+00	-4.4695e-03	-1.6925e-05	-1.4434e-05	0.0000e+00
327	0.0000e+00	0.0000e+00	-3.8278e-03	6.9781e-06	-1.9270e-05	0.0000e+00
328	0.0000e+00	0.0000e+00	-4.5460e-03	6.3940e-06	-1.3833e-05	0.0000e+00
329	0.0000e+00	0.0000e+00	-3.2281e-03	2.0238e-05	-1.5178e-05	0.0000e+00
330	0.0000e+00	0.0000e+00	-3.8076e-03	2.1686e-05	-1.1662e-05	0.0000e+00
331	0.0000e+00	0.0000e+00	-2.1630e-03	2.8054e-05	-1.0028e-05	0.0000e+00
332	0.0000e+00	0.0000e+00	-2.5555e-03	3.0527e-05	-8.4636e-06	0.0000e+00
333	0.0000e+00	0.0000e+00	-8.6992e-04	3.0757e-05	-4.5781e-06	0.0000e+00
334	0.0000e+00	0.0000e+00	-1.0546e-03	3.3638e-05	-4.9308e-06	0.0000e+00
335	0.0000e+00	0.0000e+00	4.5967e-04	2.8627e-05	2.2439e-06	0.0000e+00
336	0.0000e+00	0.0000e+00	4.9938e-04	3.1374e-05	2.6239e-06	0.0000e+00
337	0.0000e+00	0.0000e+00	1.5606e-03	2.1718e-05	7.0988e-06	0.0000e+00
338	0.0000e+00	0.0000e+00	1.7914e-03	2.3718e-05	4.0988e-06	0.0000e+00
339	0.0000e+00	0.0000e+00	2.2577e-03	9.9294e-06	1.1532e-05	0.0000e+00
340	0.0000e+00	0.0000e+00	2.6436e-03	1.0242e-05	6.0925e-06	0.0000e+00
341	0.0000e+00	0.0000e+00	2.3321e-03	-6.4514e-06	1.3374e-05	0.0000e+00
342	0.0000e+00	0.0000e+00	2.7798e-03	-1.0080e-05	6.5840e-06	0.0000e+00
343	0.0000e+00	0.0000e+00	1.6874e-03	-1.9915e-05	6.1898e-06	0.0000e+00
344	0.0000e+00	0.0000e+00	-2.2996e-03	-1.9441e-05	-9.7492e-06	0.0000e+00
345	0.0000e+00	0.0000e+00	-2.9449e-03	-9.5197e-06	-1.5619e-05	0.0000e+00
346	0.0000e+00	0.0000e+00	-3.0512e-03	4.3760e-06	-1.6321e-05	0.0000e+00
347	0.0000e+00	0.0000e+00	-2.6037e-03	1.5453e-05	-1.3367e-05	0.0000e+00
348	0.0000e+00	0.0000e+00	-1.7539e-03	2.2451e-05	-8.8198e-06	0.0000e+00
349	0.0000e+00	0.0000e+00	-7.0083e-04	2.4887e-05	-3.7102e-06	0.0000e+00
350	0.0000e+00	0.0000e+00	3.8941e-04	2.2843e-05	1.8754e-06	0.0000e+00
351	0.0000e+00	0.0000e+00	1.2604e-03	1.6553e-05	6.6297e-06	0.0000e+00
352	0.0000e+00	0.0000e+00	1.7813e-03	6.6244e-06	1.0180e-05	0.0000e+00
353	0.0000e+00	0.0000e+00	1.8225e-03	-4.7759e-06	1.0451e-05	0.0000e+00
354	0.0000e+00	0.0000e+00	1.4263e-03	-1.2078e-05	5.9071e-06	0.0000e+00
355	0.0000e+00	0.0000e+00	-1.9503e-03	-1.3789e-05	-6.5043e-06	0.0000e+00
356	0.0000e+00	0.0000e+00	-2.4069e-03	-6.6437e-06	-9.4515e-06	0.0000e+00
357	0.0000e+00	0.0000e+00	-2.4782e-03	3.4362e-06	-1.0140e-05	0.0000e+00
358	0.0000e+00	0.0000e+00	-2.1236e-03	1.2375e-05	-8.6463e-06	0.0000e+00
359	0.0000e+00	0.0000e+00	-1.4327e-03	1.8400e-05	-5.9189e-06	0.0000e+00
360	0.0000e+00	0.0000e+00	-5.6542e-04	2.0496e-05	-2.6841e-06	0.0000e+00
361	0.0000e+00	0.0000e+00	3.3167e-04	1.8535e-05	1.0618e-06	0.0000e+00
362	0.0000e+00	0.0000e+00	1.0277e-03	1.2953e-05	4.0511e-06	0.0000e+00
363	0.0000e+00	0.0000e+00	1.4265e-03	4.9334e-06	6.2361e-06	0.0000e+00
364	0.0000e+00	0.0000e+00	1.4599e-03	-3.1593e-06	6.4935e-06	0.0000e+00
365	0.0000e+00	0.0000e+00	1.1977e-03	-7.9053e-06	4.5667e-06	0.0000e+00
366	0.0000e+00	0.0000e+00	-1.7716e-03	-1.1348e-05	-3.6613e-06	0.0000e+00
367	0.0000e+00	0.0000e+00	-2.1476e-03	-5.2471e-06	-3.7191e-06	0.0000e+00
368	0.0000e+00	0.0000e+00	-2.1972e-03	3.1331e-06	-3.5220e-06	0.0000e+00
369	0.0000e+00	0.0000e+00	-1.8780e-03	1.1081e-05	-3.0636e-06	0.0000e+00
370	0.0000e+00	0.0000e+00	-1.2564e-03	1.6555e-05	-2.4717e-06	0.0000e+00
371	0.0000e+00	0.0000e+00	-4.7316e-04	1.8392e-05	-1.8179e-06	0.0000e+00
372	0.0000e+00	0.0000e+00	3.1745e-04	1.6366e-05	-1.1961e-06	0.0000e+00
373	0.0000e+00	0.0000e+00	9.2875e-04	1.1034e-05	-1.1154e-06	0.0000e+00
374	0.0000e+00	0.0000e+00	1.2595e-03	3.8168e-06	1.7993e-06	0.0000e+00
375	0.0000e+00	0.0000e+00	1.2714e-03	-2.9772e-06	2.4807e-06	0.0000e+00
376	0.0000e+00	0.0000e+00	1.0415e-03	-6.7584e-06	2.7644e-06	0.0000e+00
377	0.0000e+00	0.0000e+00	-1.7965e-03	-1.1710e-05	4.7476e-06	0.0000e+00
378	0.0000e+00	0.0000e+00	-2.1904e-03	-5.4772e-06	5.6308e-06	0.0000e+00
379	0.0000e+00	0.0000e+00	-2.2432e-03	3.2930e-06	5.6785e-06	0.0000e+00
380	0.0000e+00	0.0000e+00	-1.9062e-03	1.1690e-05	4.4860e-06	0.0000e+00
381	0.0000e+00	0.0000e+00	-1.2519e-03	1.7365e-05	2.5718e-06	0.0000e+00
382	0.0000e+00	0.0000e+00	-4.3131e-04	1.9129e-05	-1.4271e-06	0.0000e+00
383	0.0000e+00	0.0000e+00	3.7600e-04	1.6778e-05	-2.7363e-06	0.0000e+00
384	0.0000e+00	0.0000e+00	9.9804e-04	1.0896e-05	-3.9934e-06	0.0000e+00
385	0.0000e+00	0.0000e+00	1.3085e-03	2.9990e-06	-4.0975e-06	0.0000e+00
386	0.0000e+00	0.0000e+00	1.2712e-03	-4.3510e-06	-2.7085e-06	0.0000e+00
387	0.0000e+00	0.0000e+00	9.7657e-04	-8.2115e-06	-1.3708e-06	0.0000e+00
388	0.0000e+00	0.0000e+00	-2.0254e-03	-1.5331e-05	8.0335e-06	0.0000e+00

389	0.0000e+00	0.0000e+00	-2.5510e-03	-7.6246e-06	1.2422e-05	0.0000e+00
390	0.0000e+00	0.0000e+00	-2.6361e-03	3.9458e-06	1.3407e-05	0.0000e+00
391	0.0000e+00	0.0000e+00	-2.2219e-03	1.4391e-05	1.0736e-05	0.0000e+00
392	0.0000e+00	0.0000e+00	-1.4245e-03	2.1028e-05	6.0791e-06	0.0000e+00
393	0.0000e+00	0.0000e+00	-4.4076e-04	2.2885e-05	1.4912e-06	0.0000e+00
394	0.0000e+00	0.0000e+00	5.2620e-04	1.9962e-05	-4.6616e-06	0.0000e+00
395	0.0000e+00	0.0000e+00	1.2600e-03	1.2705e-05	-8.5147e-06	0.0000e+00
396	0.0000e+00	0.0000e+00	1.6020e-03	2.4675e-06	-1.0014e-05	0.0000e+00
397	0.0000e+00	0.0000e+00	1.4807e-03	-7.6056e-06	-7.6850e-06	0.0000e+00
398	0.0000e+00	0.0000e+00	1.0063e-03	-1.2751e-05	-2.1497e-06	0.0000e+00
399	0.0000e+00	0.0000e+00	-2.4203e-03	-2.3746e-05	1.0758e-05	0.0000e+00
400	0.0000e+00	0.0000e+00	-3.2418e-03	-1.2083e-05	2.0164e-05	0.0000e+00
401	0.0000e+00	0.0000e+00	-3.3830e-03	5.5667e-06	2.1446e-05	0.0000e+00
402	0.0000e+00	0.0000e+00	-2.8099e-03	1.9591e-05	1.6379e-05	0.0000e+00
403	0.0000e+00	0.0000e+00	-1.7519e-03	2.7494e-05	8.9745e-06	0.0000e+00
404	0.0000e+00	0.0000e+00	-4.8814e-04	2.9415e-05	1.5782e-06	0.0000e+00
405	0.0000e+00	0.0000e+00	7.6611e-04	2.5883e-05	-6.4386e-06	0.0000e+00
406	0.0000e+00	0.0000e+00	1.7240e-03	1.6882e-05	-1.2995e-05	0.0000e+00
407	0.0000e+00	0.0000e+00	2.1727e-03	2.7274e-06	-1.6783e-05	0.0000e+00
408	0.0000e+00	0.0000e+00	1.9376e-03	-1.3209e-05	-1.4100e-05	0.0000e+00
409	0.0000e+00	0.0000e+00	1.1194e-03	-2.1931e-05	-3.5286e-06	0.0000e+00
410	0.0000e+00	0.0000e+00	-2.9071e-03	-4.0955e-05	1.1712e-05	0.0000e+00
411	0.0000e+00	0.0000e+00	-4.2836e-03	-1.8908e-05	2.9038e-05	0.0000e+00
412	0.0000e+00	0.0000e+00	-4.4483e-03	9.6386e-06	2.7663e-05	0.0000e+00
413	0.0000e+00	0.0000e+00	-3.5904e-03	2.7636e-05	1.8977e-05	0.0000e+00
414	0.0000e+00	0.0000e+00	-2.1698e-03	3.5951e-05	9.8388e-06	0.0000e+00
415	0.0000e+00	0.0000e+00	-5.5068e-04	3.7597e-05	1.4528e-06	0.0000e+00
416	0.0000e+00	0.0000e+00	1.0630e-03	3.3805e-05	-6.9766e-06	0.0000e+00
417	0.0000e+00	0.0000e+00	2.3482e-03	2.3872e-05	-1.5370e-05	0.0000e+00
418	0.0000e+00	0.0000e+00	3.0268e-03	5.3745e-06	-2.2813e-05	0.0000e+00
419	0.0000e+00	0.0000e+00	2.7060e-03	-2.1231e-05	-2.2691e-05	0.0000e+00
420	0.0000e+00	0.0000e+00	1.2905e-03	-3.9721e-05	-4.3914e-06	0.0000e+00
421	0.0000e+00	0.0000e+00	-3.3564e-03	-7.4753e-05	9.6987e-06	0.0000e+00
422	0.0000e+00	0.0000e+00	-5.7039e-03	-2.0955e-05	3.8390e-05	0.0000e+00
423	0.0000e+00	0.0000e+00	-5.6293e-03	1.9672e-05	2.4654e-05	0.0000e+00
424	0.0000e+00	0.0000e+00	-4.3498e-03	3.7082e-05	1.4689e-05	0.0000e+00
425	0.0000e+00	0.0000e+00	-2.5558e-03	4.4007e-05	7.3297e-06	0.0000e+00
426	0.0000e+00	0.0000e+00	-6.0776e-04	4.5017e-05	1.1713e-06	0.0000e+00
427	0.0000e+00	0.0000e+00	1.3308e-03	4.1497e-05	-4.8862e-06	0.0000e+00
428	0.0000e+00	0.0000e+00	2.9654e-03	3.2539e-05	-1.1902e-05	0.0000e+00
429	0.0000e+00	0.0000e+00	4.0221e-03	1.4183e-05	-2.1182e-05	0.0000e+00
430	0.0000e+00	0.0000e+00	3.8797e-03	-2.4750e-05	-3.3568e-05	0.0000e+00
431	0.0000e+00	0.0000e+00	1.4816e-03	-7.2582e-05	-4.4089e-06	0.0000e+00
432	0.0000e+00	0.0000e+00	-6.6464e-03	-1.2082e-05	4.8662e-06	0.0000e+00
433	0.0000e+00	0.0000e+00	-6.2541e-03	2.6558e-05	3.4155e-06	0.0000e+00
434	0.0000e+00	0.0000e+00	-4.7343e-03	4.1900e-05	2.6983e-06	0.0000e+00
435	0.0000e+00	0.0000e+00	-2.7580e-03	4.7869e-05	1.9260e-06	0.0000e+00
436	0.0000e+00	0.0000e+00	-6.4844e-04	4.8619e-05	9.9153e-07	0.0000e+00
437	0.0000e+00	0.0000e+00	1.4443e-03	4.5364e-05	4.1194e-07	0.0000e+00
438	0.0000e+00	0.0000e+00	3.2624e-03	3.7372e-05	-1.1551e-06	0.0000e+00
439	0.0000e+00	0.0000e+00	4.5606e-03	2.1123e-05	-1.9668e-06	0.0000e+00
440	0.0000e+00	0.0000e+00	4.7392e-03	-1.6031e-05	-2.8711e-06	0.0000e+00
441	0.0000e+00	0.0000e+00	-1.6405e-03	-1.9914e-05	-5.6400e-06	0.0000e+00
442	0.0000e+00	0.0000e+00	-2.2849e-03	-6.4755e-06	-1.2881e-05	0.0000e+00
443	0.0000e+00	0.0000e+00	-2.7095e-03	-1.0101e-05	-5.8455e-06	0.0000e+00
444	0.0000e+00	0.0000e+00	-2.2117e-03	9.9077e-06	-1.1049e-05	0.0000e+00
445	0.0000e+00	0.0000e+00	-2.5755e-03	1.0219e-05	-5.4101e-06	0.0000e+00
446	0.0000e+00	0.0000e+00	-1.5171e-03	2.1720e-05	-6.6071e-06	0.0000e+00
447	0.0000e+00	0.0000e+00	-1.7262e-03	2.3723e-05	-3.4096e-06	0.0000e+00
448	0.0000e+00	0.0000e+00	-4.3539e-04	2.8666e-05	-1.7470e-06	0.0000e+00
449	0.0000e+00	0.0000e+00	-4.5278e-04	3.1424e-05	2.2441e-06	0.0000e+00
450	0.0000e+00	0.0000e+00	9.3660e-04	3.0843e-05	4.9007e-06	0.0000e+00
451	0.0000e+00	0.0000e+00	1.1382e-03	3.3740e-05	5.1020e-06	0.0000e+00
452	0.0000e+00	0.0000e+00	2.2286e-03	2.8189e-05	1.0439e-05	0.0000e+00
453	0.0000e+00	0.0000e+00	2.6409e-03	3.0685e-05	8.7636e-06	0.0000e+00
454	0.0000e+00	0.0000e+00	3.3000e-03	2.0424e-05	1.5633e-05	0.0000e+00
455	0.0000e+00	0.0000e+00	3.9007e-03	2.1895e-05	1.1999e-05	0.0000e+00
456	0.0000e+00	0.0000e+00	3.9093e-03	7.2457e-06	1.9766e-05	0.0000e+00
457	0.0000e+00	0.0000e+00	4.6498e-03	6.6727e-06	1.4162e-05	0.0000e+00
458	0.0000e+00	0.0000e+00	3.8092e-03	-1.2199e-05	2.0963e-05	0.0000e+00
459	0.0000e+00	0.0000e+00	4.5865e-03	-1.6734e-05	1.4680e-05	0.0000e+00
460	0.0000e+00	0.0000e+00	2.8686e-03	-2.8874e-05	1.2473e-05	0.0000e+00

461	0.0000e+00	0.0000e+00	-1.3970e-03	-1.2079e-05	-5.5576e-06	0.0000e+00
462	0.0000e+00	0.0000e+00	-1.7930e-03	-4.7891e-06	-1.0095e-05	0.0000e+00
463	0.0000e+00	0.0000e+00	-1.7526e-03	6.6114e-06	-9.8281e-06	0.0000e+00
464	0.0000e+00	0.0000e+00	-1.2337e-03	1.6557e-05	-6.2882e-06	0.0000e+00
465	0.0000e+00	0.0000e+00	-3.7789e-04	2.2875e-05	-1.6297e-06	0.0000e+00
466	0.0000e+00	0.0000e+00	7.4768e-04	2.4954e-05	4.1141e-06	0.0000e+00
467	0.0000e+00	0.0000e+00	1.7993e-03	2.2557e-05	9.2424e-06	0.0000e+00
468	0.0000e+00	0.0000e+00	2.6539e-03	1.5600e-05	1.3825e-05	0.0000e+00
469	0.0000e+00	0.0000e+00	3.1091e-03	4.6031e-06	1.6831e-05	0.0000e+00
470	0.0000e+00	0.0000e+00	3.0129e-03	-9.4145e-06	1.6204e-05	0.0000e+00
471	0.0000e+00	0.0000e+00	2.3807e-03	-1.9322e-05	1.0449e-05	0.0000e+00
472	0.0000e+00	0.0000e+00	-1.1809e-03	-7.9080e-06	-4.3754e-06	0.0000e+00
473	0.0000e+00	0.0000e+00	-1.4432e-03	-3.1681e-06	-6.2797e-06	0.0000e+00
474	0.0000e+00	0.0000e+00	-1.4103e-03	4.9247e-06	-6.0256e-06	0.0000e+00
475	0.0000e+00	0.0000e+00	-1.0127e-03	1.2956e-05	-3.8761e-06	0.0000e+00
476	0.0000e+00	0.0000e+00	-3.2483e-04	1.8558e-05	-1.2280e-06	0.0000e+00
477	0.0000e+00	0.0000e+00	5.9298e-04	2.0546e-05	3.1145e-06	0.0000e+00
478	0.0000e+00	0.0000e+00	1.4598e-03	1.8478e-05	6.3227e-06	0.0000e+00
479	0.0000e+00	0.0000e+00	2.1544e-03	1.2483e-05	9.0783e-06	0.0000e+00
480	0.0000e+00	0.0000e+00	2.5144e-03	3.5975e-06	1.0629e-05	0.0000e+00
481	0.0000e+00	0.0000e+00	2.4501e-03	-6.5629e-06	1.0030e-05	0.0000e+00
482	0.0000e+00	0.0000e+00	2.0021e-03	-1.3695e-05	7.2282e-06	0.0000e+00
483	0.0000e+00	0.0000e+00	-1.0334e-03	-6.7626e-06	-2.7294e-06	0.0000e+00
484	0.0000e+00	0.0000e+00	-1.2635e-03	-2.9847e-06	-2.4808e-06	0.0000e+00
485	0.0000e+00	0.0000e+00	-1.2520e-03	3.8097e-06	-1.8813e-06	0.0000e+00
486	0.0000e+00	0.0000e+00	-9.2172e-04	1.1035e-05	1.3879e-06	0.0000e+00
487	0.0000e+00	0.0000e+00	-3.1244e-04	1.6382e-05	1.5917e-06	0.0000e+00
488	0.0000e+00	0.0000e+00	4.8503e-04	1.8426e-05	2.2112e-06	0.0000e+00
489	0.0000e+00	0.0000e+00	1.2690e-03	1.6608e-05	2.8813e-06	0.0000e+00
490	0.0000e+00	0.0000e+00	1.8932e-03	1.1153e-05	3.5170e-06	0.0000e+00
491	0.0000e+00	0.0000e+00	2.2160e-03	3.2314e-06	4.0397e-06	0.0000e+00
492	0.0000e+00	0.0000e+00	2.1706e-03	-5.1792e-06	4.3100e-06	0.0000e+00
493	0.0000e+00	0.0000e+00	1.7996e-03	-1.1274e-05	4.3055e-06	0.0000e+00
494	0.0000e+00	0.0000e+00	-9.7474e-04	-8.2169e-06	1.5380e-06	0.0000e+00
495	0.0000e+00	0.0000e+00	-1.2697e-03	-4.3585e-06	2.9215e-06	0.0000e+00
496	0.0000e+00	0.0000e+00	-1.3074e-03	2.9917e-06	4.2851e-06	0.0000e+00
497	0.0000e+00	0.0000e+00	-9.9711e-04	1.0895e-05	4.1827e-06	0.0000e+00
498	0.0000e+00	0.0000e+00	-3.7498e-04	1.6786e-05	2.9553e-06	0.0000e+00
499	0.0000e+00	0.0000e+00	4.3314e-04	1.9150e-05	1.6836e-06	0.0000e+00
500	0.0000e+00	0.0000e+00	1.2549e-03	1.7399e-05	-2.6297e-06	0.0000e+00
501	0.0000e+00	0.0000e+00	1.9109e-03	1.1735e-05	-4.4743e-06	0.0000e+00
502	0.0000e+00	0.0000e+00	2.2502e-03	3.3451e-06	-5.6641e-06	0.0000e+00
503	0.0000e+00	0.0000e+00	2.1998e-03	-5.4191e-06	-5.6676e-06	0.0000e+00
504	0.0000e+00	0.0000e+00	1.8085e-03	-1.1653e-05	-4.9127e-06	0.0000e+00
505	0.0000e+00	0.0000e+00	-1.0089e-03	-1.2757e-05	2.2719e-06	0.0000e+00
506	0.0000e+00	0.0000e+00	-1.4835e-03	-7.6137e-06	7.7714e-06	0.0000e+00
507	0.0000e+00	0.0000e+00	-1.6052e-03	2.4589e-06	1.0096e-05	0.0000e+00
508	0.0000e+00	0.0000e+00	-1.2634e-03	1.2701e-05	8.6007e-06	0.0000e+00
509	0.0000e+00	0.0000e+00	-5.2991e-04	1.9964e-05	4.7651e-06	0.0000e+00
510	0.0000e+00	0.0000e+00	4.3826e-04	2.2897e-05	1.5857e-06	0.0000e+00
511	0.0000e+00	0.0000e+00	1.4223e-03	2.1048e-05	-6.0346e-06	0.0000e+00
512	0.0000e+00	0.0000e+00	2.2208e-03	1.4418e-05	-1.0670e-05	0.0000e+00
513	0.0000e+00	0.0000e+00	2.6363e-03	3.9722e-06	-1.3333e-05	0.0000e+00
514	0.0000e+00	0.0000e+00	2.5528e-03	-7.5801e-06	-1.2354e-05	0.0000e+00
515	0.0000e+00	0.0000e+00	2.0287e-03	-1.5288e-05	-8.0186e-06	0.0000e+00
516	0.0000e+00	0.0000e+00	-1.1243e-03	-2.1937e-05	3.5674e-06	0.0000e+00
517	0.0000e+00	0.0000e+00	-1.9427e-03	-1.3218e-05	1.4128e-05	0.0000e+00
518	0.0000e+00	0.0000e+00	-2.1780e-03	2.7171e-06	1.6811e-05	0.0000e+00
519	0.0000e+00	0.0000e+00	-1.7298e-03	1.6875e-05	1.3026e-05	0.0000e+00
520	0.0000e+00	0.0000e+00	-7.7264e-04	2.5882e-05	6.4765e-06	0.0000e+00
521	0.0000e+00	0.0000e+00	4.8466e-04	2.9420e-05	-1.5956e-06	0.0000e+00
522	0.0000e+00	0.0000e+00	1.7475e-03	2.7506e-05	-8.9446e-06	0.0000e+00
523	0.0000e+00	0.0000e+00	2.8060e-03	1.9608e-05	-1.6340e-05	0.0000e+00
524	0.0000e+00	0.0000e+00	3.3800e-03	5.5828e-06	-2.1399e-05	0.0000e+00
525	0.0000e+00	0.0000e+00	3.2399e-03	-1.2052e-05	-2.0114e-05	0.0000e+00
526	0.0000e+00	0.0000e+00	2.4195e-03	-2.3716e-05	-1.0726e-05	0.0000e+00
527	0.0000e+00	0.0000e+00	-1.2962e-03	-3.9727e-05	4.3885e-06	0.0000e+00
528	0.0000e+00	0.0000e+00	-2.7115e-03	-2.1241e-05	2.2688e-05	0.0000e+00
529	0.0000e+00	0.0000e+00	-3.0327e-03	5.3630e-06	2.2811e-05	0.0000e+00
530	0.0000e+00	0.0000e+00	-2.3546e-03	2.3864e-05	1.5370e-05	0.0000e+00
531	0.0000e+00	0.0000e+00	-1.0703e-03	3.3801e-05	6.9784e-06	0.0000e+00
532	0.0000e+00	0.0000e+00	5.4723e-04	3.7598e-05	-1.4542e-06	0.0000e+00

533	0.0000e+00	0.0000e+00	2.1645e-03	3.5958e-05	-9.8328e-06	0.0000e+00
534	0.0000e+00	0.0000e+00	3.5854e-03	2.7648e-05	-1.8966e-05	0.0000e+00
535	0.0000e+00	0.0000e+00	4.4440e-03	9.6522e-06	-2.7647e-05	0.0000e+00
536	0.0000e+00	0.0000e+00	4.2802e-03	-1.8886e-05	-2.9019e-05	0.0000e+00
537	0.0000e+00	0.0000e+00	2.9048e-03	-4.0935e-05	-1.1695e-05	0.0000e+00
538	0.0000e+00	0.0000e+00	-1.4867e-03	-7.2588e-05	4.3931e-06	0.0000e+00
539	0.0000e+00	0.0000e+00	-3.8846e-03	-2.4761e-05	3.3553e-05	0.0000e+00
540	0.0000e+00	0.0000e+00	-4.0275e-03	1.4172e-05	2.1167e-05	0.0000e+00
541	0.0000e+00	0.0000e+00	-2.9713e-03	3.2530e-05	1.1886e-05	0.0000e+00
542	0.0000e+00	0.0000e+00	-1.3376e-03	4.1492e-05	4.8699e-06	0.0000e+00
543	0.0000e+00	0.0000e+00	6.0450e-04	4.5016e-05	-1.1864e-06	0.0000e+00
544	0.0000e+00	0.0000e+00	2.5506e-03	4.4011e-05	-7.3435e-06	0.0000e+00
545	0.0000e+00	0.0000e+00	4.3446e-03	3.7090e-05	-1.4700e-05	0.0000e+00
546	0.0000e+00	0.0000e+00	5.6247e-03	1.9684e-05	-2.4661e-05	0.0000e+00
547	0.0000e+00	0.0000e+00	5.7000e-03	-2.0936e-05	-3.8394e-05	0.0000e+00
548	0.0000e+00	0.0000e+00	3.3538e-03	-7.4739e-05	-9.6989e-06	0.0000e+00
549	0.0000e+00	0.0000e+00	-4.7433e-03	-1.6040e-05	2.8784e-06	0.0000e+00
550	0.0000e+00	0.0000e+00	-4.5650e-03	2.1114e-05	1.9642e-06	0.0000e+00
551	0.0000e+00	0.0000e+00	-3.2673e-03	3.7365e-05	1.1497e-06	0.0000e+00
552	0.0000e+00	0.0000e+00	-1.4499e-03	4.5359e-05	-4.3810e-07	0.0000e+00
553	0.0000e+00	0.0000e+00	6.4544e-04	4.8617e-05	-1.0300e-06	0.0000e+00
554	0.0000e+00	0.0000e+00	2.7535e-03	4.7871e-05	-1.9612e-06	0.0000e+00
555	0.0000e+00	0.0000e+00	4.7299e-03	4.1907e-05	-2.7319e-06	0.0000e+00
556	0.0000e+00	0.0000e+00	6.2499e-03	2.6568e-05	-3.4451e-06	0.0000e+00
557	0.0000e+00	0.0000e+00	6.6427e-03	-1.2069e-05	-4.8862e-06	0.0000e+00
558	0.0000e+00	0.0000e+00	-3.2565e-03	-2.7612e-05	-1.1270e-05	0.0000e+00
559	0.0000e+00	0.0000e+00	-4.1169e-03	-9.4701e-06	-1.9389e-05	0.0000e+00
560	0.0000e+00	0.0000e+00	-4.7341e-03	-1.4968e-05	-1.1603e-05	0.0000e+00
561	0.0000e+00	0.0000e+00	-4.1178e-03	9.6903e-06	-1.8130e-05	0.0000e+00
562	0.0000e+00	0.0000e+00	-4.7244e-03	8.8291e-06	-1.1442e-05	0.0000e+00
563	0.0000e+00	0.0000e+00	-3.4288e-03	2.3095e-05	-1.4112e-05	0.0000e+00
564	0.0000e+00	0.0000e+00	-3.9105e-03	2.4268e-05	-9.8666e-06	0.0000e+00
565	0.0000e+00	0.0000e+00	-2.3436e-03	3.0852e-05	-9.1342e-06	0.0000e+00
566	0.0000e+00	0.0000e+00	-2.6377e-03	3.3102e-05	-7.3996e-06	0.0000e+00
567	0.0000e+00	0.0000e+00	-1.3264e-03	3.3379e-05	-4.3674e-06	0.0000e+00
568	0.0000e+00	0.0000e+00	-1.3894e-03	3.6018e-05	-5.3357e-06	0.0000e+00
569	0.0000e+00	0.0000e+00	1.4437e-03	3.0907e-05	4.2445e-06	0.0000e+00
570	0.0000e+00	0.0000e+00	1.4667e-03	3.3321e-05	5.8374e-06	0.0000e+00
571	0.0000e+00	0.0000e+00	2.3547e-03	2.3410e-05	8.6304e-06	0.0000e+00
572	0.0000e+00	0.0000e+00	2.5457e-03	2.4923e-05	8.6957e-06	0.0000e+00
573	0.0000e+00	0.0000e+00	3.0404e-03	1.0691e-05	1.2599e-05	0.0000e+00
574	0.0000e+00	0.0000e+00	3.3514e-03	1.0391e-05	1.2281e-05	0.0000e+00
575	0.0000e+00	0.0000e+00	3.1236e-03	-7.1664e-06	1.3668e-05	0.0000e+00
576	0.0000e+00	0.0000e+00	3.4328e-03	-1.2167e-05	1.6348e-05	0.0000e+00
577	0.0000e+00	0.0000e+00	2.4650e-03	-2.2303e-05	6.9028e-06	0.0000e+00
578	0.0000e+00	0.0000e+00	-2.7695e-03	-1.8199e-05	-1.1682e-05	0.0000e+00
579	0.0000e+00	0.0000e+00	-3.3405e-03	-7.2620e-06	-1.6982e-05	0.0000e+00
580	0.0000e+00	0.0000e+00	-3.3531e-03	6.6937e-06	-1.7092e-05	0.0000e+00
581	0.0000e+00	0.0000e+00	-2.8254e-03	1.8088e-05	-1.3813e-05	0.0000e+00
582	0.0000e+00	0.0000e+00	-1.9595e-03	2.5121e-05	-9.2692e-06	0.0000e+00
583	0.0000e+00	0.0000e+00	-1.1675e-03	2.7513e-05	-5.0195e-06	0.0000e+00
584	0.0000e+00	0.0000e+00	1.3071e-03	2.5338e-05	4.5116e-06	0.0000e+00
585	0.0000e+00	0.0000e+00	2.0503e-03	1.8789e-05	7.7830e-06	0.0000e+00
586	0.0000e+00	0.0000e+00	2.6089e-03	8.4519e-06	1.0308e-05	0.0000e+00
587	0.0000e+00	0.0000e+00	2.7212e-03	-3.9280e-06	9.3655e-06	0.0000e+00
588	0.0000e+00	0.0000e+00	2.3688e-03	-1.2568e-05	3.9903e-06	0.0000e+00
589	0.0000e+00	0.0000e+00	-2.3058e-03	-1.2796e-05	-1.0012e-05	0.0000e+00
590	0.0000e+00	0.0000e+00	-2.7090e-03	-5.0156e-06	-1.2491e-05	0.0000e+00
591	0.0000e+00	0.0000e+00	-2.7117e-03	5.3161e-06	-1.2593e-05	0.0000e+00
592	0.0000e+00	0.0000e+00	-2.2932e-03	1.4599e-05	-1.0718e-05	0.0000e+00
593	0.0000e+00	0.0000e+00	-1.5850e-03	2.0808e-05	-8.0804e-06	0.0000e+00
594	0.0000e+00	0.0000e+00	-9.3760e-04	2.3057e-05	-5.9113e-06	0.0000e+00
595	0.0000e+00	0.0000e+00	1.1058e-03	2.1225e-05	5.5232e-06	0.0000e+00
596	0.0000e+00	0.0000e+00	1.7500e-03	1.5724e-05	6.8076e-06	0.0000e+00
597	0.0000e+00	0.0000e+00	2.2321e-03	7.6855e-06	7.9889e-06	0.0000e+00
598	0.0000e+00	0.0000e+00	2.3804e-03	-1.0888e-06	7.6317e-06	0.0000e+00
599	0.0000e+00	0.0000e+00	2.2093e-03	-6.7401e-06	5.7010e-06	0.0000e+00
600	0.0000e+00	0.0000e+00	-1.9745e-03	-1.0639e-05	-7.6339e-06	0.0000e+00
601	0.0000e+00	0.0000e+00	-2.3137e-03	-4.2143e-06	-7.9386e-06	0.0000e+00
602	0.0000e+00	0.0000e+00	-2.3158e-03	4.5868e-06	-7.6230e-06	0.0000e+00
603	0.0000e+00	0.0000e+00	-1.9462e-03	1.2833e-05	-7.0149e-06	0.0000e+00
604	0.0000e+00	0.0000e+00	-1.2963e-03	1.8629e-05	-6.5020e-06	0.0000e+00

605	0.0000e+00	0.0000e+00	-6.7075e-04	2.0819e-05	-6.3091e-06	0.0000e+00
606	0.0000e+00	0.0000e+00	9.0299e-04	1.9163e-05	6.4961e-06	0.0000e+00
607	0.0000e+00	0.0000e+00	1.5398e-03	1.4181e-05	6.9916e-06	0.0000e+00
608	0.0000e+00	0.0000e+00	1.9932e-03	7.2151e-06	7.5668e-06	0.0000e+00
609	0.0000e+00	0.0000e+00	2.1541e-03	7.0733e-07	7.8081e-06	0.0000e+00
610	0.0000e+00	0.0000e+00	2.0600e-03	-4.2365e-06	7.2252e-06	0.0000e+00
611	0.0000e+00	0.0000e+00	-1.8436e-03	-1.1271e-05	6.2905e-06	0.0000e+00
612	0.0000e+00	0.0000e+00	-2.2155e-03	-4.9501e-06	6.5564e-06	0.0000e+00
613	0.0000e+00	0.0000e+00	-2.2393e-03	4.2771e-06	6.6709e-06	0.0000e+00
614	0.0000e+00	0.0000e+00	-1.8639e-03	1.2952e-05	6.2446e-06	0.0000e+00
615	0.0000e+00	0.0000e+00	-1.1668e-03	1.9074e-05	5.7843e-06	0.0000e+00
616	0.0000e+00	0.0000e+00	-4.0733e-04	2.1371e-05	6.0810e-06	0.0000e+00
617	0.0000e+00	0.0000e+00	7.9660e-04	1.9594e-05	-7.2346e-06	0.0000e+00
618	0.0000e+00	0.0000e+00	1.5166e-03	1.4262e-05	-8.6092e-06	0.0000e+00
619	0.0000e+00	0.0000e+00	1.9782e-03	6.7866e-06	-9.4408e-06	0.0000e+00
620	0.0000e+00	0.0000e+00	2.1117e-03	-9.4669e-07	-9.2300e-06	0.0000e+00
621	0.0000e+00	0.0000e+00	1.9818e-03	-4.9536e-06	8.1193e-06	0.0000e+00
622	0.0000e+00	0.0000e+00	-1.9384e-03	-1.5115e-05	7.2143e-06	0.0000e+00
623	0.0000e+00	0.0000e+00	-2.4549e-03	-7.5277e-06	1.0991e-05	0.0000e+00
624	0.0000e+00	0.0000e+00	-2.5296e-03	4.4085e-06	1.2283e-05	0.0000e+00
625	0.0000e+00	0.0000e+00	-2.0931e-03	1.5159e-05	1.0291e-05	0.0000e+00
626	0.0000e+00	0.0000e+00	-1.2521e-03	2.2370e-05	6.8642e-06	0.0000e+00
627	0.0000e+00	0.0000e+00	-2.1569e-04	2.4922e-05	5.2729e-06	0.0000e+00
628	0.0000e+00	0.0000e+00	8.8487e-04	2.2741e-05	-7.8345e-06	0.0000e+00
629	0.0000e+00	0.0000e+00	1.7545e-03	1.6182e-05	-1.1334e-05	0.0000e+00
630	0.0000e+00	0.0000e+00	2.2607e-03	6.4491e-06	-1.3178e-05	0.0000e+00
631	0.0000e+00	0.0000e+00	2.3177e-03	-3.6496e-06	-1.1830e-05	0.0000e+00
632	0.0000e+00	0.0000e+00	2.0119e-03	-9.3849e-06	-8.3919e-06	0.0000e+00
633	0.0000e+00	0.0000e+00	-2.2274e-03	-2.3689e-05	9.1454e-06	0.0000e+00
634	0.0000e+00	0.0000e+00	-3.0483e-03	-1.2426e-05	1.8325e-05	0.0000e+00
635	0.0000e+00	0.0000e+00	-3.1986e-03	5.4888e-06	2.0050e-05	0.0000e+00
636	0.0000e+00	0.0000e+00	-2.6225e-03	1.9909e-05	1.5503e-05	0.0000e+00
637	0.0000e+00	0.0000e+00	-1.5356e-03	2.8516e-05	8.7768e-06	0.0000e+00
638	0.0000e+00	0.0000e+00	-2.3011e-04	3.1257e-05	3.9809e-06	0.0000e+00
639	0.0000e+00	0.0000e+00	1.1470e-03	2.8584e-05	-8.2120e-06	0.0000e+00
640	0.0000e+00	0.0000e+00	2.2428e-03	2.0390e-05	-1.4380e-05	0.0000e+00
641	0.0000e+00	0.0000e+00	2.8592e-03	6.8119e-06	-1.8246e-05	0.0000e+00
642	0.0000e+00	0.0000e+00	2.8047e-03	-9.1875e-06	-1.6063e-05	0.0000e+00
643	0.0000e+00	0.0000e+00	2.1463e-03	-1.8815e-05	-7.8749e-06	0.0000e+00
644	0.0000e+00	0.0000e+00	-2.6369e-03	-4.0978e-05	1.0338e-05	0.0000e+00
645	0.0000e+00	0.0000e+00	-4.0189e-03	-1.9777e-05	2.7796e-05	0.0000e+00
646	0.0000e+00	0.0000e+00	-4.2126e-03	9.0747e-06	2.6889e-05	0.0000e+00
647	0.0000e+00	0.0000e+00	-3.3673e-03	2.7661e-05	1.8432e-05	0.0000e+00
648	0.0000e+00	0.0000e+00	-1.9317e-03	3.6774e-05	9.5194e-06	0.0000e+00
649	0.0000e+00	0.0000e+00	-3.4005e-04	3.9277e-05	2.3967e-06	0.0000e+00
650	0.0000e+00	0.0000e+00	1.4768e-03	3.6363e-05	-7.5793e-06	0.0000e+00
651	0.0000e+00	0.0000e+00	2.8888e-03	2.7274e-05	-1.5608e-05	0.0000e+00
652	0.0000e+00	0.0000e+00	3.7316e-03	9.4776e-06	-2.2819e-05	0.0000e+00
653	0.0000e+00	0.0000e+00	3.5934e-03	-1.7335e-05	-2.2728e-05	0.0000e+00
654	0.0000e+00	0.0000e+00	2.3351e-03	-3.6923e-05	-6.0343e-06	0.0000e+00
655	0.0000e+00	0.0000e+00	-3.0568e-03	-7.4762e-05	1.0052e-05	0.0000e+00
656	0.0000e+00	0.0000e+00	-5.4196e-03	-2.2462e-05	3.9134e-05	0.0000e+00
657	0.0000e+00	0.0000e+00	-5.3852e-03	1.9014e-05	2.5204e-05	0.0000e+00
658	0.0000e+00	0.0000e+00	-4.1177e-03	3.7164e-05	1.4862e-05	0.0000e+00
659	0.0000e+00	0.0000e+00	-2.3093e-03	4.4833e-05	7.3020e-06	0.0000e+00
660	0.0000e+00	0.0000e+00	-4.1083e-04	4.6591e-05	1.1602e-06	0.0000e+00
661	0.0000e+00	0.0000e+00	1.7520e-03	4.3818e-05	-4.7644e-06	0.0000e+00
662	0.0000e+00	0.0000e+00	3.4967e-03	3.5568e-05	-1.1390e-05	0.0000e+00
663	0.0000e+00	0.0000e+00	4.6987e-03	1.7849e-05	-2.0062e-05	0.0000e+00
664	0.0000e+00	0.0000e+00	4.7269e-03	-2.0998e-05	-3.1841e-05	0.0000e+00
665	0.0000e+00	0.0000e+00	2.4724e-03	-7.0944e-05	-2.6364e-06	0.0000e+00
666	0.0000e+00	0.0000e+00	-6.4546e-03	-1.2057e-05	7.8219e-06	0.0000e+00
667	0.0000e+00	0.0000e+00	-6.0576e-03	2.6779e-05	5.2325e-06	0.0000e+00
668	0.0000e+00	0.0000e+00	-4.5218e-03	4.2482e-05	3.7004e-06	0.0000e+00
669	0.0000e+00	0.0000e+00	-2.5153e-03	4.8906e-05	2.5769e-06	0.0000e+00
670	0.0000e+00	0.0000e+00	-4.2569e-04	5.0157e-05	1.8437e-06	0.0000e+00
671	0.0000e+00	0.0000e+00	1.8473e-03	4.7383e-05	-1.9988e-06	0.0000e+00
672	0.0000e+00	0.0000e+00	3.7560e-03	3.9753e-05	-3.0792e-06	0.0000e+00
673	0.0000e+00	0.0000e+00	5.1599e-03	2.3608e-05	-5.1710e-06	0.0000e+00
674	0.0000e+00	0.0000e+00	5.4405e-03	-1.3951e-05	-9.1609e-06	0.0000e+00
675	0.0000e+00	0.0000e+00	1.5887e-03	-2.1312e-05	-9.8738e-06	0.0000e+00
676	0.0000e+00	0.0000e+00	1.2443e-03	-2.8410e-05	-1.8810e-05	0.0000e+00



677	0.0000e+00	0.0000e+00	8.2507e-04	-1.9606e-05	-1.3635e-05	0.0000e+00
678	0.0000e+00	0.0000e+00	6.2983e-04	-2.3960e-05	-1.8862e-05	0.0000e+00
679	0.0000e+00	0.0000e+00	5.3558e-04	-2.2124e-05	-1.6580e-05	0.0000e+00
680	0.0000e+00	0.0000e+00	-1.1332e-03	-2.6376e-05	-2.0664e-05	0.0000e+00
681	0.0000e+00	0.0000e+00	-1.2765e-03	-2.6959e-05	-1.9987e-05	0.0000e+00
682	0.0000e+00	0.0000e+00	-2.1784e-03	-3.1960e-05	-2.3506e-05	0.0000e+00
683	0.0000e+00	0.0000e+00	-2.4175e-03	-3.4747e-05	-2.4104e-05	0.0000e+00
684	0.0000e+00	0.0000e+00	-3.5281e-03	-4.0520e-05	-2.7105e-05	0.0000e+00
685	0.0000e+00	0.0000e+00	-3.9411e-03	-4.7227e-05	-2.8834e-05	0.0000e+00
686	0.0000e+00	0.0000e+00	-5.2598e-03	-5.3382e-05	-3.1320e-05	0.0000e+00
687	0.0000e+00	0.0000e+00	-6.0243e-03	-6.5324e-05	-3.3982e-05	0.0000e+00
688	0.0000e+00	0.0000e+00	-7.5352e-03	-7.1527e-05	-3.6054e-05	0.0000e+00
689	0.0000e+00	0.0000e+00	-8.8905e-03	-8.8822e-05	-3.9369e-05	0.0000e+00
690	0.0000e+00	0.0000e+00	-1.0566e-02	-9.5222e-05	-4.1283e-05	0.0000e+00
691	0.0000e+00	0.0000e+00	-1.2743e-02	-1.1604e-04	-4.5265e-05	0.0000e+00
692	0.0000e+00	0.0000e+00	-1.4582e-02	-1.2444e-04	-4.7191e-05	0.0000e+00
693	0.0000e+00	0.0000e+00	-1.7647e-02	-1.4017e-04	-5.1924e-05	0.0000e+00
694	0.0000e+00	0.0000e+00	1.8221e-03	-1.4568e-05	-4.6578e-06	0.0000e+00
695	0.0000e+00	0.0000e+00	1.2442e-03	-1.5380e-05	-8.6738e-06	0.0000e+00
696	0.0000e+00	0.0000e+00	7.4787e-04	-1.7963e-05	-1.1871e-05	0.0000e+00
697	0.0000e+00	0.0000e+00	7.5486e-04	-2.2481e-05	-1.5338e-05	0.0000e+00
698	0.0000e+00	0.0000e+00	-1.5148e-03	-3.0145e-05	-1.9450e-05	0.0000e+00
699	0.0000e+00	0.0000e+00	-2.7842e-03	-4.2768e-05	-2.4123e-05	0.0000e+00
700	0.0000e+00	0.0000e+00	-4.6725e-03	-6.1000e-05	-2.9176e-05	0.0000e+00
701	0.0000e+00	0.0000e+00	-7.3812e-03	-8.3906e-05	-3.4511e-05	0.0000e+00
702	0.0000e+00	0.0000e+00	-1.1054e-02	-1.0841e-04	-4.0479e-05	0.0000e+00
703	0.0000e+00	0.0000e+00	-1.5644e-02	-1.2782e-04	-4.6510e-05	0.0000e+00
704	0.0000e+00	0.0000e+00	1.8830e-03	-9.1284e-06	-4.4502e-06	0.0000e+00
705	0.0000e+00	0.0000e+00	1.5010e-03	-1.0794e-05	-5.1038e-06	0.0000e+00
706	0.0000e+00	0.0000e+00	1.1187e-03	-1.3475e-05	-7.2412e-06	0.0000e+00
707	0.0000e+00	0.0000e+00	8.1199e-04	-1.7866e-05	-1.0445e-05	0.0000e+00
708	0.0000e+00	0.0000e+00	-9.3852e-04	-2.5574e-05	-1.4419e-05	0.0000e+00
709	0.0000e+00	0.0000e+00	-1.8539e-03	-3.8380e-05	-1.8886e-05	0.0000e+00
710	0.0000e+00	0.0000e+00	-3.5412e-03	-5.6623e-05	-2.3647e-05	0.0000e+00
711	0.0000e+00	0.0000e+00	-6.0954e-03	-7.8907e-05	-2.8603e-05	0.0000e+00
712	0.0000e+00	0.0000e+00	-9.5966e-03	-1.0196e-04	-3.3842e-05	0.0000e+00
713	0.0000e+00	0.0000e+00	-1.3962e-02	-1.2024e-04	-3.8575e-05	0.0000e+00
714	0.0000e+00	0.0000e+00	1.8472e-03	-5.9557e-06	5.8045e-06	0.0000e+00
715	0.0000e+00	0.0000e+00	1.5975e-03	-7.1101e-06	-3.8919e-06	0.0000e+00
716	0.0000e+00	0.0000e+00	1.3401e-03	-9.3440e-06	-3.2852e-06	0.0000e+00
717	0.0000e+00	0.0000e+00	1.0550e-03	-1.3435e-05	-5.8260e-06	0.0000e+00
718	0.0000e+00	0.0000e+00	7.8938e-04	-2.1115e-05	-9.7110e-06	0.0000e+00
719	0.0000e+00	0.0000e+00	-1.1744e-03	-3.4128e-05	-1.4012e-05	0.0000e+00
720	0.0000e+00	0.0000e+00	-2.6363e-03	-5.2617e-05	-1.8379e-05	0.0000e+00
721	0.0000e+00	0.0000e+00	-5.0535e-03	-7.5043e-05	-2.2577e-05	0.0000e+00
722	0.0000e+00	0.0000e+00	-8.4378e-03	-9.8213e-05	-2.6419e-05	0.0000e+00
723	0.0000e+00	0.0000e+00	-1.2701e-02	-1.1717e-04	-2.9472e-05	0.0000e+00
724	0.0000e+00	0.0000e+00	1.7619e-03	-5.5459e-06	6.7625e-06	0.0000e+00
725	0.0000e+00	0.0000e+00	1.5542e-03	-4.8230e-06	4.9948e-06	0.0000e+00
726	0.0000e+00	0.0000e+00	1.3858e-03	-5.7819e-06	2.4374e-06	0.0000e+00
727	0.0000e+00	0.0000e+00	1.1986e-03	-9.1788e-06	-1.6105e-06	0.0000e+00
728	0.0000e+00	0.0000e+00	8.9645e-04	-1.6565e-05	-5.6077e-06	0.0000e+00
729	0.0000e+00	0.0000e+00	-7.7067e-04	-2.9858e-05	-9.9401e-06	0.0000e+00
730	0.0000e+00	0.0000e+00	-1.9379e-03	-4.9138e-05	-1.3947e-05	0.0000e+00
731	0.0000e+00	0.0000e+00	-4.2459e-03	-7.2833e-05	-1.7138e-05	0.0000e+00
732	0.0000e+00	0.0000e+00	-7.5954e-03	-9.7721e-05	-1.9204e-05	0.0000e+00
733	0.0000e+00	0.0000e+00	-1.1901e-02	-1.1880e-04	-2.0694e-05	0.0000e+00
734	0.0000e+00	0.0000e+00	1.6341e-03	-8.6958e-06	7.4681e-06	0.0000e+00
735	0.0000e+00	0.0000e+00	1.3629e-03	-4.6531e-06	7.7987e-06	0.0000e+00
736	0.0000e+00	0.0000e+00	1.2452e-03	-2.6829e-06	6.1994e-06	0.0000e+00
737	0.0000e+00	0.0000e+00	1.1835e-03	-5.0593e-06	2.6387e-06	0.0000e+00
738	0.0000e+00	0.0000e+00	9.9984e-04	-1.1656e-05	-2.1848e-06	0.0000e+00
739	0.0000e+00	0.0000e+00	6.5566e-04	-2.5331e-05	-6.8097e-06	0.0000e+00
740	0.0000e+00	0.0000e+00	-1.4121e-03	-4.6076e-05	-1.0692e-05	0.0000e+00
741	0.0000e+00	0.0000e+00	-3.6337e-03	-7.2356e-05	-1.2901e-05	0.0000e+00
742	0.0000e+00	0.0000e+00	-7.0420e-03	-1.0079e-04	-1.3071e-05	0.0000e+00
743	0.0000e+00	0.0000e+00	-1.1558e-02	-1.2564e-04	-1.4347e-05	0.0000e+00
744	0.0000e+00	0.0000e+00	1.4200e-03	-1.5609e-05	9.3416e-06	0.0000e+00
745	0.0000e+00	0.0000e+00	9.8154e-04	-6.2680e-06	1.2579e-05	0.0000e+00
746	0.0000e+00	0.0000e+00	9.0183e-04	1.5479e-06	1.0860e-05	0.0000e+00
747	0.0000e+00	0.0000e+00	1.0017e-03	3.6734e-06	6.3055e-06	0.0000e+00
748	0.0000e+00	0.0000e+00	1.0111e-03	-6.4655e-06	1.1100e-06	0.0000e+00

749	0.0000e+00	0.0000e+00	7.1356e-04	-2.0328e-05	-4.4375e-06	0.0000e+00
750	0.0000e+00	0.0000e+00	-1.0244e-03	-4.3043e-05	-8.5112e-06	0.0000e+00
751	0.0000e+00	0.0000e+00	-3.1580e-03	-7.3190e-05	-1.0233e-05	0.0000e+00
752	0.0000e+00	0.0000e+00	-6.7116e-03	-1.0746e-04	-8.7206e-06	0.0000e+00
753	0.0000e+00	0.0000e+00	-1.1628e-02	-1.3857e-04	1.3062e-05	0.0000e+00
754	0.0000e+00	0.0000e+00	1.0135e-03	-2.6476e-05	1.5351e-05	0.0000e+00
755	0.0000e+00	0.0000e+00	3.8739e-04	-7.1823e-06	1.8752e-05	0.0000e+00
756	0.0000e+00	0.0000e+00	3.8113e-04	6.2475e-06	1.4464e-05	0.0000e+00
757	0.0000e+00	0.0000e+00	6.8483e-04	8.7694e-06	8.5688e-06	0.0000e+00
758	0.0000e+00	0.0000e+00	9.2501e-04	4.1536e-06	2.9860e-06	0.0000e+00
759	0.0000e+00	0.0000e+00	7.8581e-04	-1.5098e-05	-2.3002e-06	0.0000e+00
760	0.0000e+00	0.0000e+00	-7.5658e-04	-3.9595e-05	-6.3360e-06	0.0000e+00
761	0.0000e+00	0.0000e+00	-2.7648e-03	-7.4148e-05	-8.5417e-06	0.0000e+00
762	0.0000e+00	0.0000e+00	-6.5091e-03	-1.1710e-04	-6.5830e-06	0.0000e+00
763	0.0000e+00	0.0000e+00	-1.2035e-02	-1.5912e-04	1.5644e-05	0.0000e+00
764	0.0000e+00	0.0000e+00	-3.7241e-04	-3.5982e-05	2.8462e-05	0.0000e+00
765	0.0000e+00	0.0000e+00	-6.0146e-04	3.1504e-06	2.0195e-05	0.0000e+00
766	0.0000e+00	0.0000e+00	-3.1362e-04	1.3215e-05	1.2839e-05	0.0000e+00
767	0.0000e+00	0.0000e+00	3.3665e-04	1.4658e-05	7.6503e-06	0.0000e+00
768	0.0000e+00	0.0000e+00	7.7098e-04	7.4436e-06	3.9794e-06	0.0000e+00
769	0.0000e+00	0.0000e+00	7.7930e-04	-1.0941e-05	1.7441e-06	0.0000e+00
770	0.0000e+00	0.0000e+00	-5.9703e-04	-3.6171e-05	-2.7463e-06	0.0000e+00
771	0.0000e+00	0.0000e+00	-2.4737e-03	-7.2998e-05	-5.0520e-06	0.0000e+00
772	0.0000e+00	0.0000e+00	-6.3419e-03	-1.2591e-04	-6.4910e-06	0.0000e+00
773	0.0000e+00	0.0000e+00	-1.2670e-02	-1.9029e-04	1.8244e-05	0.0000e+00
774	0.0000e+00	0.0000e+00	-7.6143e-04	-2.5907e-05	-9.8356e-06	0.0000e+00
775	0.0000e+00	0.0000e+00	-1.0972e-03	5.8536e-06	5.9844e-06	0.0000e+00
776	0.0000e+00	0.0000e+00	-6.3080e-04	1.6945e-05	4.0092e-06	0.0000e+00
777	0.0000e+00	0.0000e+00	1.2699e-04	1.6953e-05	3.5752e-06	0.0000e+00
778	0.0000e+00	0.0000e+00	5.9347e-04	8.6324e-06	4.1497e-06	0.0000e+00
779	0.0000e+00	0.0000e+00	6.2809e-04	-1.0003e-05	5.4484e-06	0.0000e+00
780	0.0000e+00	0.0000e+00	-5.4395e-04	-3.5678e-05	7.4616e-06	0.0000e+00
781	0.0000e+00	0.0000e+00	-2.5303e-03	-7.2870e-05	1.0310e-05	0.0000e+00
782	0.0000e+00	0.0000e+00	-6.4382e-03	-1.2689e-04	1.4002e-05	0.0000e+00
783	0.0000e+00	0.0000e+00	9.0547e-04	-1.2818e-05	-2.7097e-06	0.0000e+00
784	0.0000e+00	0.0000e+00	8.7093e-04	-1.6717e-05	3.4310e-06	0.0000e+00
785	0.0000e+00	0.0000e+00	5.9914e-04	-1.2340e-06	-2.3025e-06	0.0000e+00
786	0.0000e+00	0.0000e+00	5.8652e-04	-1.9723e-06	2.6581e-06	0.0000e+00
787	0.0000e+00	0.0000e+00	7.1293e-04	6.2569e-06	1.5979e-06	0.0000e+00
788	0.0000e+00	0.0000e+00	7.8405e-04	6.4420e-06	2.8111e-06	0.0000e+00
789	0.0000e+00	0.0000e+00	1.0409e-03	8.6213e-06	4.4274e-06	0.0000e+00
790	0.0000e+00	0.0000e+00	1.2168e-03	8.8942e-06	3.7946e-06	0.0000e+00
791	0.0000e+00	0.0000e+00	1.3570e-03	5.6937e-06	7.5345e-06	0.0000e+00
792	0.0000e+00	0.0000e+00	1.6325e-03	5.3925e-06	4.8347e-06	0.0000e+00
793	0.0000e+00	0.0000e+00	1.4261e-03	-2.6860e-06	9.8435e-06	0.0000e+00
794	0.0000e+00	0.0000e+00	1.7673e-03	-4.4733e-06	5.1172e-06	0.0000e+00
795	0.0000e+00	0.0000e+00	1.0160e-03	-1.6053e-05	9.5471e-06	0.0000e+00
796	0.0000e+00	0.0000e+00	1.3377e-03	-2.1515e-05	3.8185e-06	0.0000e+00
797	0.0000e+00	0.0000e+00	6.4946e-05	-2.6209e-05	5.6113e-07	0.0000e+00
798	0.0000e+00	0.0000e+00	9.2149e-04	-9.7750e-06	9.3918e-07	0.0000e+00
799	0.0000e+00	0.0000e+00	6.4510e-04	-2.8201e-06	-7.8480e-07	0.0000e+00
800	0.0000e+00	0.0000e+00	6.6136e-04	3.0276e-06	1.4730e-06	0.0000e+00
801	0.0000e+00	0.0000e+00	8.5295e-04	5.0669e-06	4.2168e-06	0.0000e+00
802	0.0000e+00	0.0000e+00	1.0377e-03	2.6746e-06	6.9327e-06	0.0000e+00
803	0.0000e+00	0.0000e+00	1.0256e-03	-3.8414e-06	8.3625e-06	0.0000e+00
804	0.0000e+00	0.0000e+00	6.7580e-04	-1.2224e-05	6.5356e-06	0.0000e+00
805	0.0000e+00	0.0000e+00	4.2564e-05	-1.6773e-05	4.6353e-07	0.0000e+00
806	0.0000e+00	0.0000e+00	8.4851e-04	-7.1812e-06	2.2212e-06	0.0000e+00
807	0.0000e+00	0.0000e+00	6.1965e-04	-2.9985e-06	1.3581e-06	0.0000e+00
808	0.0000e+00	0.0000e+00	5.8570e-04	1.2060e-06	2.0416e-06	0.0000e+00
809	0.0000e+00	0.0000e+00	6.8527e-04	2.8392e-06	3.4617e-06	0.0000e+00
810	0.0000e+00	0.0000e+00	7.8289e-04	1.0703e-06	4.7754e-06	0.0000e+00
811	0.0000e+00	0.0000e+00	7.3590e-04	-3.5433e-06	5.1231e-06	0.0000e+00
812	0.0000e+00	0.0000e+00	4.6276e-04	-8.7487e-06	3.5965e-06	0.0000e+00
813	0.0000e+00	0.0000e+00	2.4801e-05	-1.1169e-05	3.5195e-07	0.0000e+00
814	0.0000e+00	0.0000e+00	7.3985e-04	-6.3125e-06	2.7531e-06	0.0000e+00
815	0.0000e+00	0.0000e+00	5.3049e-04	-2.9605e-06	2.6940e-06	0.0000e+00
816	0.0000e+00	0.0000e+00	4.8412e-04	6.5001e-07	2.6070e-06	0.0000e+00
817	0.0000e+00	0.0000e+00	5.5723e-04	2.1957e-06	2.4174e-06	0.0000e+00
818	0.0000e+00	0.0000e+00	6.3338e-04	7.6133e-07	2.1144e-06	0.0000e+00
819	0.0000e+00	0.0000e+00	5.8975e-04	-3.0093e-06	1.6823e-06	0.0000e+00
820	0.0000e+00	0.0000e+00	3.6500e-04	-7.0410e-06	1.0248e-06	0.0000e+00

821	0.0000e+00	0.0000e+00	1.1801e-05	-8.8007e-06	2.4645e-07	0.0000e+00
822	0.0000e+00	0.0000e+00	6.2072e-04	-7.2309e-06	3.1654e-06	0.0000e+00
823	0.0000e+00	0.0000e+00	3.8996e-04	-2.9913e-06	4.0751e-06	0.0000e+00
824	0.0000e+00	0.0000e+00	3.6090e-04	1.4154e-06	3.2540e-06	0.0000e+00
825	0.0000e+00	0.0000e+00	4.7848e-04	3.3599e-06	1.3160e-06	0.0000e+00
826	0.0000e+00	0.0000e+00	6.0475e-04	1.7872e-06	-9.3445e-07	0.0000e+00
827	0.0000e+00	0.0000e+00	5.9520e-04	-2.5303e-06	-2.0680e-06	0.0000e+00
828	0.0000e+00	0.0000e+00	3.7686e-04	-7.1923e-06	-1.6650e-06	0.0000e+00
829	0.0000e+00	0.0000e+00	3.0724e-06	-9.2332e-06	1.5670e-07	0.0000e+00
830	0.0000e+00	0.0000e+00	4.7836e-04	-1.0229e-05	4.3762e-06	0.0000e+00
831	0.0000e+00	0.0000e+00	1.8355e-04	-3.0561e-06	6.3777e-06	0.0000e+00
832	0.0000e+00	0.0000e+00	2.0566e-04	3.7869e-06	4.4291e-06	0.0000e+00
833	0.0000e+00	0.0000e+00	4.5045e-04	6.6880e-06	-5.2016e-07	0.0000e+00
834	0.0000e+00	0.0000e+00	7.1256e-04	4.4354e-06	-4.2877e-06	0.0000e+00
835	0.0000e+00	0.0000e+00	7.7578e-04	-2.0690e-06	-6.6390e-06	0.0000e+00
836	0.0000e+00	0.0000e+00	5.1635e-04	-9.5088e-06	-5.1249e-06	0.0000e+00
837	0.0000e+00	0.0000e+00	-2.1614e-06	-1.2959e-05	8.6278e-08	0.0000e+00
838	0.0000e+00	0.0000e+00	2.6433e-04	-1.5816e-05	7.6216e-06	0.0000e+00
839	0.0000e+00	0.0000e+00	-1.9345e-04	-2.6454e-06	1.0346e-05	0.0000e+00
840	0.0000e+00	0.0000e+00	-7.1188e-05	8.3906e-06	6.3248e-06	0.0000e+00
841	0.0000e+00	0.0000e+00	4.6666e-04	1.2719e-05	-8.4914e-07	0.0000e+00
842	0.0000e+00	0.0000e+00	9.7502e-04	9.3714e-06	-7.9959e-06	0.0000e+00
843	0.0000e+00	0.0000e+00	1.1786e-03	-1.0814e-06	-1.2518e-05	0.0000e+00
844	0.0000e+00	0.0000e+00	8.3520e-04	-1.4503e-05	-1.0342e-05	0.0000e+00
845	0.0000e+00	0.0000e+00	-4.7481e-06	-2.1588e-05	3.4972e-08	0.0000e+00
846	0.0000e+00	0.0000e+00	-2.5601e-04	-2.4232e-05	1.4430e-05	0.0000e+00
847	0.0000e+00	0.0000e+00	-7.2121e-04	-8.5256e-07	1.5220e-05	0.0000e+00
848	0.0000e+00	0.0000e+00	-3.4166e-04	1.5804e-05	7.8610e-06	0.0000e+00
849	0.0000e+00	0.0000e+00	5.1351e-04	2.1362e-05	-1.2910e-06	0.0000e+00
850	0.0000e+00	0.0000e+00	1.3833e-03	1.7204e-05	-1.0646e-05	0.0000e+00
851	0.0000e+00	0.0000e+00	1.8450e-03	2.1135e-06	-1.8643e-05	0.0000e+00
852	0.0000e+00	0.0000e+00	1.4285e-03	-2.2401e-05	-1.8553e-05	0.0000e+00
853	0.0000e+00	0.0000e+00	-5.4825e-06	-3.9243e-05	-3.3355e-09	0.0000e+00
854	0.0000e+00	0.0000e+00	-1.0323e-03	-2.8969e-05	2.5683e-05	0.0000e+00
855	0.0000e+00	0.0000e+00	-1.3982e-03	8.0684e-06	1.4742e-05	0.0000e+00
856	0.0000e+00	0.0000e+00	-6.5301e-04	2.4688e-05	6.0097e-06	0.0000e+00
857	0.0000e+00	0.0000e+00	5.7322e-04	3.0234e-05	-1.3940e-06	0.0000e+00
858	0.0000e+00	0.0000e+00	1.8289e-03	2.6549e-05	-8.9878e-06	0.0000e+00
859	0.0000e+00	0.0000e+00	2.6842e-03	1.1065e-05	-1.8335e-05	0.0000e+00
860	0.0000e+00	0.0000e+00	2.4375e-03	-2.6460e-05	-3.0328e-05	0.0000e+00
861	0.0000e+00	0.0000e+00	-5.0612e-06	-7.2729e-05	-1.8318e-08	0.0000e+00
862	0.0000e+00	0.0000e+00	-1.6156e-03	-2.1740e-05	-2.6994e-06	0.0000e+00
863	0.0000e+00	0.0000e+00	-1.7198e-03	1.3982e-05	-1.7694e-06	0.0000e+00
864	0.0000e+00	0.0000e+00	-7.6557e-04	2.9054e-05	-1.3571e-06	0.0000e+00
865	0.0000e+00	0.0000e+00	6.2940e-04	3.4193e-05	-1.2226e-06	0.0000e+00
866	0.0000e+00	0.0000e+00	2.0629e-03	3.1147e-05	-1.1376e-06	0.0000e+00
867	0.0000e+00	0.0000e+00	3.1428e-03	1.7541e-05	-9.3389e-07	0.0000e+00
868	0.0000e+00	0.0000e+00	3.1930e-03	-1.8374e-05	-5.2861e-07	0.0000e+00
869	0.0000e+00	0.0000e+00	-9.6896e-04	-1.6069e-05	-9.1237e-06	0.0000e+00
870	0.0000e+00	0.0000e+00	-1.2709e-03	-2.1534e-05	-3.3206e-06	0.0000e+00
871	0.0000e+00	0.0000e+00	-1.3797e-03	-2.7002e-06	-9.4213e-06	0.0000e+00
872	0.0000e+00	0.0000e+00	-1.7013e-03	-4.4928e-06	-4.6133e-06	0.0000e+00
873	0.0000e+00	0.0000e+00	-1.3111e-03	5.6907e-06	-7.1014e-06	0.0000e+00
874	0.0000e+00	0.0000e+00	-1.5666e-03	5.3884e-06	-4.3050e-06	0.0000e+00
875	0.0000e+00	0.0000e+00	-9.9506e-04	8.6344e-06	-3.9502e-06	0.0000e+00
876	0.0000e+00	0.0000e+00	-1.1498e-03	8.9098e-06	-3.1970e-06	0.0000e+00
877	0.0000e+00	0.0000e+00	-6.6748e-04	6.2860e-06	-9.8093e-07	0.0000e+00
878	0.0000e+00	0.0000e+00	-7.1429e-04	6.4761e-06	-2.0980e-06	0.0000e+00
879	0.0000e+00	0.0000e+00	-5.5488e-04	-1.2216e-06	2.3936e-06	0.0000e+00
880	0.0000e+00	0.0000e+00	-5.1383e-04	-1.9305e-06	-1.9134e-06	0.0000e+00
881	0.0000e+00	0.0000e+00	-8.6045e-04	-1.2791e-05	2.8285e-06	0.0000e+00
882	0.0000e+00	0.0000e+00	-7.9803e-04	-1.6682e-05	-2.6550e-06	0.0000e+00
883	0.0000e+00	0.0000e+00	-6.4553e-04	-1.2232e-05	-6.1932e-06	0.0000e+00
884	0.0000e+00	0.0000e+00	-9.9578e-04	-3.8485e-06	-8.0239e-06	0.0000e+00
885	0.0000e+00	0.0000e+00	-1.0083e-03	2.6737e-06	-6.5936e-06	0.0000e+00
886	0.0000e+00	0.0000e+00	-8.2399e-04	5.0765e-06	-3.8674e-06	0.0000e+00
887	0.0000e+00	0.0000e+00	-6.3324e-04	3.0481e-06	-1.0992e-06	0.0000e+00
888	0.0000e+00	0.0000e+00	-6.1778e-04	-2.8056e-06	9.6034e-07	0.0000e+00
889	0.0000e+00	0.0000e+00	-8.9338e-04	-9.7618e-06	-7.2055e-07	0.0000e+00
890	0.0000e+00	0.0000e+00	-4.4540e-04	-8.7523e-06	-3.3478e-06	0.0000e+00
891	0.0000e+00	0.0000e+00	-7.1878e-04	-3.5469e-06	-4.8784e-06	0.0000e+00
892	0.0000e+00	0.0000e+00	-7.6604e-04	1.0702e-06	-4.5364e-06	0.0000e+00

893 0.0000e+00 0.0000e+00 -6.6871e-04 2.8453e-06 -3.2337e-06 0.0000e+00  
894 0.0000e+00 0.0000e+00 -5.6952e-04 1.2196e-06 -1.8520e-06 0.0000e+00  
895 0.0000e+00 0.0000e+00 -6.0363e-04 -2.9899e-06 -1.2633e-06 0.0000e+00  
896 0.0000e+00 0.0000e+00 -8.3205e-04 -7.1758e-06 -2.0955e-06 0.0000e+00  
897 0.0000e+00 0.0000e+00 -3.5685e-04 -7.0429e-06 -8.9358e-07 0.0000e+00  
898 0.0000e+00 0.0000e+00 -5.8171e-04 -3.0114e-06 -1.5522e-06 0.0000e+00  
899 0.0000e+00 0.0000e+00 -6.2545e-04 7.6121e-07 -1.9881e-06 0.0000e+00  
900 0.0000e+00 0.0000e+00 -5.4935e-04 2.1987e-06 -2.2969e-06 0.0000e+00  
901 0.0000e+00 0.0000e+00 -4.7625e-04 6.5632e-07 -2.4982e-06 0.0000e+00  
902 0.0000e+00 0.0000e+00 -5.2253e-04 -2.9565e-06 -2.6062e-06 0.0000e+00  
903 0.0000e+00 0.0000e+00 -7.3174e-04 -6.3117e-06 -2.6924e-06 0.0000e+00  
904 0.0000e+00 0.0000e+00 -3.7491e-04 -7.1936e-06 1.7951e-06 0.0000e+00  
905 0.0000e+00 0.0000e+00 -5.9332e-04 -2.5320e-06 2.2064e-06 0.0000e+00  
906 0.0000e+00 0.0000e+00 -6.0291e-04 1.7865e-06 1.1149e-06 0.0000e+00  
907 0.0000e+00 0.0000e+00 -4.7661e-04 3.3606e-06 -1.2941e-06 0.0000e+00  
908 0.0000e+00 0.0000e+00 -3.5892e-04 1.4168e-06 -3.1844e-06 0.0000e+00  
909 0.0000e+00 0.0000e+00 -3.8788e-04 -2.9904e-06 -4.0063e-06 0.0000e+00  
910 0.0000e+00 0.0000e+00 -6.1870e-04 -7.2328e-06 -3.1307e-06 0.0000e+00  
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913 0.0000e+00 0.0000e+00 -7.1462e-04 4.4340e-06 4.3587e-06 0.0000e+00  
914 0.0000e+00 0.0000e+00 -4.5266e-04 6.6875e-06 6.1069e-07 0.0000e+00  
915 0.0000e+00 0.0000e+00 -2.0822e-04 3.7869e-06 -4.3844e-06 0.0000e+00  
916 0.0000e+00 0.0000e+00 -1.8634e-04 -3.0569e-06 -6.3309e-06 0.0000e+00  
917 0.0000e+00 0.0000e+00 -4.8086e-04 -1.0232e-05 -4.3458e-06 0.0000e+00  
918 0.0000e+00 0.0000e+00 -8.3885e-04 -1.4505e-05 1.0364e-05 0.0000e+00  
919 0.0000e+00 0.0000e+00 -1.1824e-03 -1.0845e-06 1.2542e-05 0.0000e+00  
920 0.0000e+00 0.0000e+00 -9.7904e-04 9.3692e-06 8.0215e-06 0.0000e+00  
921 0.0000e+00 0.0000e+00 -4.7118e-04 1.2718e-05 8.9158e-07 0.0000e+00  
922 0.0000e+00 0.0000e+00 -7.5898e-05 8.3901e-06 -6.3041e-06 0.0000e+00  
923 0.0000e+00 0.0000e+00 1.9303e-04 -2.6466e-06 -1.0325e-05 0.0000e+00  
924 0.0000e+00 0.0000e+00 -2.7071e-04 -1.5819e-05 -7.6044e-06 0.0000e+00  
925 0.0000e+00 0.0000e+00 -1.4326e-03 -2.2404e-05 1.8551e-05 0.0000e+00  
926 0.0000e+00 0.0000e+00 -1.8493e-03 2.1100e-06 1.8642e-05 0.0000e+00  
927 0.0000e+00 0.0000e+00 -1.3878e-03 1.7202e-05 1.0645e-05 0.0000e+00  
928 0.0000e+00 0.0000e+00 -5.1874e-04 2.1360e-05 1.2917e-06 0.0000e+00  
929 0.0000e+00 0.0000e+00 3.3923e-04 1.5804e-05 -7.8610e-06 0.0000e+00  
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931 0.0000e+00 0.0000e+00 2.5696e-04 -2.4234e-05 -1.4432e-05 0.0000e+00  
932 0.0000e+00 0.0000e+00 -2.4412e-03 -2.6465e-05 3.0314e-05 0.0000e+00  
933 0.0000e+00 0.0000e+00 -2.6881e-03 1.1060e-05 1.8322e-05 0.0000e+00  
934 0.0000e+00 0.0000e+00 -1.8331e-03 2.6546e-05 8.9743e-06 0.0000e+00  
935 0.0000e+00 0.0000e+00 -5.7803e-04 3.0232e-05 1.3814e-06 0.0000e+00  
936 0.0000e+00 0.0000e+00 6.4986e-04 2.4687e-05 -6.0240e-06 0.0000e+00  
937 0.0000e+00 0.0000e+00 1.3947e-03 8.0693e-06 -1.4756e-05 0.0000e+00  
938 0.0000e+00 0.0000e+00 1.0294e-03 -2.8968e-05 -2.5698e-05 0.0000e+00  
939 0.0000e+00 0.0000e+00 -3.1960e-03 -1.8376e-05 5.1481e-07 0.0000e+00  
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941 0.0000e+00 0.0000e+00 -2.0662e-03 3.1145e-05 1.1210e-06 0.0000e+00  
942 0.0000e+00 0.0000e+00 -6.3322e-04 3.4191e-05 1.2090e-06 0.0000e+00  
943 0.0000e+00 0.0000e+00 7.6276e-04 2.9053e-05 1.3498e-06 0.0000e+00  
944 0.0000e+00 0.0000e+00 1.7167e-03 1.3982e-05 1.7707e-06 0.0000e+00  
945 0.0000e+00 0.0000e+00 1.6126e-03 -2.1742e-05 2.7092e-06 0.0000e+00  
946 0.0000e+00 0.0000e+00 2.2023e-03 -2.6153e-05 3.8669e-06 0.0000e+00  
947 0.0000e+00 0.0000e+00 2.2258e-03 -3.1826e-05 9.1496e-06 0.0000e+00  
948 0.0000e+00 0.0000e+00 1.3294e-03 -1.8748e-05 -3.5784e-06 0.0000e+00  
949 0.0000e+00 0.0000e+00 1.2887e-03 -2.1444e-05 7.3118e-06 0.0000e+00  
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951 0.0000e+00 0.0000e+00 6.8091e-04 -1.6495e-05 6.4853e-06 0.0000e+00  
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953 0.0000e+00 0.0000e+00 -3.9368e-04 -1.6652e-05 -6.4090e-06 0.0000e+00  
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955 0.0000e+00 0.0000e+00 -8.0965e-04 -2.1962e-05 -7.2194e-06 0.0000e+00  
956 0.0000e+00 0.0000e+00 -1.6225e-03 -2.6293e-05 -3.6675e-06 0.0000e+00  
957 0.0000e+00 0.0000e+00 -1.7468e-03 -3.2831e-05 -9.4788e-06 0.0000e+00  
958 0.0000e+00 0.0000e+00 2.0324e-03 -2.0131e-05 5.7567e-06 0.0000e+00  
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961 0.0000e+00 0.0000e+00 -4.2534e-04 -1.5000e-05 2.0349e-06 0.0000e+00  
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964 0.0000e+00 0.0000e+00 1.7604e-03 -1.5549e-05 6.9029e-06 0.0000e+00

965	0.0000e+00	0.0000e+00	1.1510e-03	-1.5317e-05	4.7301e-06	0.0000e+00
966	0.0000e+00	0.0000e+00	6.0669e-04	-1.4381e-05	3.6606e-06	0.0000e+00
967	0.0000e+00	0.0000e+00	-3.4518e-04	-1.4406e-05	-3.1199e-06	0.0000e+00
968	0.0000e+00	0.0000e+00	-7.5042e-04	-1.5472e-05	-2.7917e-06	0.0000e+00
969	0.0000e+00	0.0000e+00	-1.3517e-03	-1.6052e-05	-3.6603e-06	0.0000e+00
970	0.0000e+00	0.0000e+00	1.5089e-03	-1.3345e-05	6.5914e-06	0.0000e+00
971	0.0000e+00	0.0000e+00	9.6497e-04	-1.3755e-05	5.6457e-06	0.0000e+00
972	0.0000e+00	0.0000e+00	4.4361e-04	-1.3377e-05	4.7974e-06	0.0000e+00
973	0.0000e+00	0.0000e+00	-2.3027e-04	-1.3437e-05	-4.1642e-06	0.0000e+00
974	0.0000e+00	0.0000e+00	-7.0829e-04	-1.3967e-05	-3.7755e-06	0.0000e+00
975	0.0000e+00	0.0000e+00	-1.2600e-03	-1.3792e-05	-3.6203e-06	0.0000e+00
976	0.0000e+00	0.0000e+00	1.3537e-03	-1.3485e-05	5.9624e-06	0.0000e+00
977	0.0000e+00	0.0000e+00	8.1169e-04	-1.3242e-05	5.8270e-06	0.0000e+00
978	0.0000e+00	0.0000e+00	2.9969e-04	-1.2436e-05	5.1975e-06	0.0000e+00
979	0.0000e+00	0.0000e+00	-1.9919e-04	-1.2515e-05	-4.5373e-06	0.0000e+00
980	0.0000e+00	0.0000e+00	-7.1675e-04	-1.3470e-05	-4.2235e-06	0.0000e+00
981	0.0000e+00	0.0000e+00	-1.2706e-03	-1.3841e-05	-4.2136e-06	0.0000e+00
982	0.0000e+00	0.0000e+00	1.3104e-03	-1.6178e-05	-5.4438e-06	0.0000e+00
983	0.0000e+00	0.0000e+00	7.1948e-04	-1.3651e-05	5.8299e-06	0.0000e+00
984	0.0000e+00	0.0000e+00	2.8091e-04	-1.1204e-05	5.0382e-06	0.0000e+00
985	0.0000e+00	0.0000e+00	-3.0925e-04	-1.1311e-05	-4.1132e-06	0.0000e+00
986	0.0000e+00	0.0000e+00	-7.6498e-04	-1.3926e-05	-3.9471e-06	0.0000e+00
987	0.0000e+00	0.0000e+00	-1.3710e-03	-1.6490e-05	4.4875e-06	0.0000e+00
988	0.0000e+00	0.0000e+00	1.3099e-03	-2.1969e-05	5.0297e-06	0.0000e+00
989	0.0000e+00	0.0000e+00	6.4716e-04	-1.4235e-05	6.8608e-06	0.0000e+00
990	0.0000e+00	0.0000e+00	3.7612e-04	-8.3796e-06	4.6611e-06	0.0000e+00
991	0.0000e+00	0.0000e+00	-4.2294e-04	-8.5368e-06	-3.1962e-06	0.0000e+00
992	0.0000e+00	0.0000e+00	-7.6699e-04	-1.4648e-05	-4.4816e-06	0.0000e+00
993	0.0000e+00	0.0000e+00	-1.4737e-03	-2.2368e-05	-3.2441e-06	0.0000e+00
994	0.0000e+00	0.0000e+00	1.1978e-03	-3.1445e-05	8.5865e-06	0.0000e+00
995	0.0000e+00	0.0000e+00	5.5283e-04	-1.3152e-05	1.0612e-05	0.0000e+00
996	0.0000e+00	0.0000e+00	4.7985e-04	-2.2961e-06	4.6051e-06	0.0000e+00
997	0.0000e+00	0.0000e+00	-4.6590e-04	-2.3302e-06	-3.6770e-06	0.0000e+00
998	0.0000e+00	0.0000e+00	-6.1649e-04	-1.3794e-05	-9.4730e-06	0.0000e+00
999	0.0000e+00	0.0000e+00	-1.4082e-03	-3.2165e-05	-6.9248e-06	0.0000e+00
1000	0.0000e+00	0.0000e+00	7.8527e-04	-3.9710e-05	2.1026e-05	0.0000e+00
1001	0.0000e+00	0.0000e+00	-6.3820e-04	-5.7733e-06	1.2278e-05	0.0000e+00
1002	0.0000e+00	0.0000e+00	-5.4980e-04	7.5248e-06	3.8299e-06	0.0000e+00
1003	0.0000e+00	0.0000e+00	4.4689e-04	7.1589e-06	-4.4744e-06	0.0000e+00
1004	0.0000e+00	0.0000e+00	4.5427e-04	-6.3363e-06	-1.3102e-05	0.0000e+00
1005	0.0000e+00	0.0000e+00	-9.1878e-04	-4.1094e-05	-2.1784e-05	0.0000e+00
1006	0.0000e+00	0.0000e+00	4.2788e-04	-3.1691e-05	-7.8503e-06	0.0000e+00
1007	0.0000e+00	0.0000e+00	-7.1782e-04	7.0182e-07	-4.9227e-06	0.0000e+00
1008	0.0000e+00	0.0000e+00	-5.0569e-04	1.2071e-05	-3.3115e-06	0.0000e+00
1009	0.0000e+00	0.0000e+00	3.8757e-04	1.2010e-05	2.8548e-06	0.0000e+00
1010	0.0000e+00	0.0000e+00	5.2825e-04	4.6952e-07	3.4980e-06	0.0000e+00
1011	0.0000e+00	0.0000e+00	-3.6331e-04	-3.1893e-05	5.2148e-06	0.0000e+00
1012	0.0000e+00	0.0000e+00	1.7573e-03	-2.6178e-05	3.8196e-06	0.0000e+00
1013	0.0000e+00	0.0000e+00	1.9042e-03	-3.2709e-05	9.3706e-06	0.0000e+00
1014	0.0000e+00	0.0000e+00	9.5935e-04	-1.8578e-05	2.9700e-06	0.0000e+00
1015	0.0000e+00	0.0000e+00	1.0053e-03	-2.1869e-05	6.9695e-06	0.0000e+00
1016	0.0000e+00	0.0000e+00	6.0700e-04	-1.4375e-05	3.0329e-06	0.0000e+00
1017	0.0000e+00	0.0000e+00	5.9457e-04	-1.6586e-05	6.0303e-06	0.0000e+00
1018	0.0000e+00	0.0000e+00	-7.8465e-04	-1.4445e-05	3.2877e-06	0.0000e+00
1019	0.0000e+00	0.0000e+00	-7.2696e-04	-1.6462e-05	5.9937e-06	0.0000e+00
1020	0.0000e+00	0.0000e+00	-1.3170e-03	-1.8742e-05	3.4954e-06	0.0000e+00
1021	0.0000e+00	0.0000e+00	-1.2527e-03	-2.1466e-05	-6.7135e-06	0.0000e+00
1022	0.0000e+00	0.0000e+00	-2.1595e-03	-2.6216e-05	-3.4701e-06	0.0000e+00
1023	0.0000e+00	0.0000e+00	-2.1544e-03	-3.1938e-05	-8.4694e-06	0.0000e+00
1024	0.0000e+00	0.0000e+00	1.5976e-03	-2.0457e-05	4.4975e-06	0.0000e+00
1025	0.0000e+00	0.0000e+00	9.1895e-04	-1.7454e-05	2.5307e-06	0.0000e+00
1026	0.0000e+00	0.0000e+00	5.6053e-04	-1.4932e-05	2.5651e-06	0.0000e+00
1027	0.0000e+00	0.0000e+00	-7.5439e-04	-1.4989e-05	2.7114e-06	0.0000e+00
1028	0.0000e+00	0.0000e+00	-1.2870e-03	-1.7521e-05	-3.1863e-06	0.0000e+00
1029	0.0000e+00	0.0000e+00	-2.0012e-03	-2.0183e-05	-5.7311e-06	0.0000e+00
1030	0.0000e+00	0.0000e+00	1.4141e-03	-1.5965e-05	4.5589e-06	0.0000e+00
1031	0.0000e+00	0.0000e+00	8.3045e-04	-1.5396e-05	3.6300e-06	0.0000e+00
1032	0.0000e+00	0.0000e+00	4.4178e-04	-1.4345e-05	3.7777e-06	0.0000e+00
1033	0.0000e+00	0.0000e+00	-6.2563e-04	-1.4341e-05	4.2143e-06	0.0000e+00
1034	0.0000e+00	0.0000e+00	-1.1365e-03	-1.5308e-05	-5.1275e-06	0.0000e+00
1035	0.0000e+00	0.0000e+00	-1.7344e-03	-1.5585e-05	-7.0703e-06	0.0000e+00
1036	0.0000e+00	0.0000e+00	1.2936e-03	-1.3722e-05	4.2603e-06	0.0000e+00

1037	0.0000e+00	0.0000e+00	7.5074e-04	-1.3904e-05	4.3605e-06	0.0000e+00
1038	0.0000e+00	0.0000e+00	2.9275e-04	-1.3385e-05	4.6721e-06	0.0000e+00
1039	0.0000e+00	0.0000e+00	-4.4353e-04	-1.3341e-05	-5.2278e-06	0.0000e+00
1040	0.0000e+00	0.0000e+00	-9.4632e-04	-1.3743e-05	-6.0062e-06	0.0000e+00
1041	0.0000e+00	0.0000e+00	-1.4853e-03	-1.3365e-05	-6.8873e-06	0.0000e+00
1042	0.0000e+00	0.0000e+00	1.2850e-03	-1.3787e-05	4.5254e-06	0.0000e+00
1043	0.0000e+00	0.0000e+00	7.3351e-04	-1.3420e-05	4.6056e-06	0.0000e+00
1044	0.0000e+00	0.0000e+00	2.1937e-04	-1.2471e-05	4.9019e-06	0.0000e+00
1045	0.0000e+00	0.0000e+00	-2.8220e-04	-1.2403e-05	-5.5047e-06	0.0000e+00
1046	0.0000e+00	0.0000e+00	-7.9193e-04	-1.3226e-05	-6.1147e-06	0.0000e+00
1047	0.0000e+00	0.0000e+00	-1.3336e-03	-1.3492e-05	6.2994e-06	0.0000e+00
1048	0.0000e+00	0.0000e+00	1.3753e-03	-1.6450e-05	-4.6391e-06	0.0000e+00
1049	0.0000e+00	0.0000e+00	7.6916e-04	-1.3887e-05	4.2287e-06	0.0000e+00
1050	0.0000e+00	0.0000e+00	3.0800e-04	-1.1276e-05	4.3817e-06	0.0000e+00
1051	0.0000e+00	0.0000e+00	-2.6302e-04	-1.1173e-05	-5.2192e-06	0.0000e+00
1052	0.0000e+00	0.0000e+00	-7.0425e-04	-1.3632e-05	-5.9914e-06	0.0000e+00
1053	0.0000e+00	0.0000e+00	-1.2964e-03	-1.6174e-05	5.7126e-06	0.0000e+00
1054	0.0000e+00	0.0000e+00	1.4738e-03	-2.2339e-05	3.3845e-06	0.0000e+00
1055	0.0000e+00	0.0000e+00	7.6735e-04	-1.4620e-05	4.6645e-06	0.0000e+00
1056	0.0000e+00	0.0000e+00	4.2147e-04	-8.5081e-06	3.3990e-06	0.0000e+00
1057	0.0000e+00	0.0000e+00	-3.7056e-04	-8.3515e-06	-4.7191e-06	0.0000e+00
1058	0.0000e+00	0.0000e+00	-6.3982e-04	-1.4213e-05	-6.8780e-06	0.0000e+00
1059	0.0000e+00	0.0000e+00	-1.3028e-03	-2.1956e-05	-5.1510e-06	0.0000e+00
1060	0.0000e+00	0.0000e+00	1.4074e-03	-3.2147e-05	6.9783e-06	0.0000e+00
1061	0.0000e+00	0.0000e+00	6.1785e-04	-1.3775e-05	9.5286e-06	0.0000e+00
1062	0.0000e+00	0.0000e+00	4.6795e-04	-2.3048e-06	3.7563e-06	0.0000e+00
1063	0.0000e+00	0.0000e+00	-4.8114e-04	-2.2634e-06	-4.5841e-06	0.0000e+00
1064	0.0000e+00	0.0000e+00	-5.5281e-04	-1.3129e-05	-1.0575e-05	0.0000e+00
1065	0.0000e+00	0.0000e+00	-1.1961e-03	-3.1428e-05	-8.5671e-06	0.0000e+00
1066	0.0000e+00	0.0000e+00	9.1940e-04	-4.1084e-05	2.1788e-05	0.0000e+00
1067	0.0000e+00	0.0000e+00	-4.6067e-04	-6.3244e-06	1.3109e-05	0.0000e+00
1068	0.0000e+00	0.0000e+00	-4.5240e-04	7.1737e-06	4.4785e-06	0.0000e+00
1069	0.0000e+00	0.0000e+00	5.5297e-04	7.5398e-06	-3.8004e-06	0.0000e+00
1070	0.0000e+00	0.0000e+00	6.4083e-04	-5.7463e-06	-1.2254e-05	0.0000e+00
1071	0.0000e+00	0.0000e+00	-7.8737e-04	-3.9690e-05	-2.1004e-05	0.0000e+00
1072	0.0000e+00	0.0000e+00	3.6795e-04	-3.1884e-05	-5.2201e-06	0.0000e+00
1073	0.0000e+00	0.0000e+00	-5.3464e-04	4.6307e-07	-3.4975e-06	0.0000e+00
1074	0.0000e+00	0.0000e+00	-3.9427e-04	1.2023e-05	-2.8477e-06	0.0000e+00
1075	0.0000e+00	0.0000e+00	5.0889e-04	1.2086e-05	3.3001e-06	0.0000e+00
1076	0.0000e+00	0.0000e+00	7.1975e-04	6.8644e-07	4.9111e-06	0.0000e+00
1077	0.0000e+00	0.0000e+00	-4.3180e-04	-3.1675e-05	7.8412e-06	0.0000e+00
1078	0.0000e+00	0.0000e+00	1.3920e-02	-1.9689e-04	-1.5557e-05	0.0000e+00
1079	0.0000e+00	0.0000e+00	7.3005e-03	-1.3245e-04	-2.7849e-05	0.0000e+00
1080	0.0000e+00	0.0000e+00	3.1496e-03	-7.8365e-05	-2.1838e-05	0.0000e+00
1081	0.0000e+00	0.0000e+00	8.3682e-04	-4.0175e-05	-1.5220e-05	0.0000e+00
1082	0.0000e+00	0.0000e+00	-3.0401e-04	-1.3461e-05	-9.4435e-06	0.0000e+00
1083	0.0000e+00	0.0000e+00	-4.1888e-04	5.3063e-06	-4.5409e-06	0.0000e+00
1084	0.0000e+00	0.0000e+00	-1.1715e-04	1.3242e-05	3.5869e-06	0.0000e+00
1085	0.0000e+00	0.0000e+00	5.0768e-04	1.2378e-05	9.2129e-06	0.0000e+00
1086	0.0000e+00	0.0000e+00	7.7651e-04	-1.9114e-06	1.7478e-05	0.0000e+00
1087	0.0000e+00	0.0000e+00	3.1368e-04	-3.4993e-05	2.7125e-05	0.0000e+00
1088	0.0000e+00	0.0000e+00	-2.2665e-03	-7.2413e-05	-5.9614e-06	0.0000e+00
1089	0.0000e+00	0.0000e+00	1.4477e-02	-1.7214e-04	-1.5981e-05	0.0000e+00
1090	0.0000e+00	0.0000e+00	8.4032e-03	-1.2962e-04	-2.5909e-05	0.0000e+00
1091	0.0000e+00	0.0000e+00	4.1405e-03	-8.4559e-05	-2.5105e-05	0.0000e+00
1092	0.0000e+00	0.0000e+00	1.5310e-03	-4.7443e-05	-1.9349e-05	0.0000e+00
1093	0.0000e+00	0.0000e+00	2.0039e-04	-2.0444e-05	-1.2551e-05	0.0000e+00
1094	0.0000e+00	0.0000e+00	-2.6118e-04	-4.1007e-06	-6.1389e-06	0.0000e+00
1095	0.0000e+00	0.0000e+00	-2.8028e-04	6.0132e-06	4.8446e-06	0.0000e+00
1096	0.0000e+00	0.0000e+00	-3.3840e-04	4.3819e-06	1.1056e-05	0.0000e+00
1097	0.0000e+00	0.0000e+00	-4.2442e-04	-8.9817e-06	1.6944e-05	0.0000e+00
1098	0.0000e+00	0.0000e+00	-8.8848e-04	-2.8528e-05	1.5708e-05	0.0000e+00
1099	0.0000e+00	0.0000e+00	-2.2383e-03	-3.9963e-05	-4.4805e-06	0.0000e+00
1100	0.0000e+00	0.0000e+00	1.5175e-02	-1.5780e-04	-1.9587e-05	0.0000e+00
1101	0.0000e+00	0.0000e+00	9.4719e-03	-1.2550e-04	-2.5333e-05	0.0000e+00
1102	0.0000e+00	0.0000e+00	5.2019e-03	-8.7997e-05	-2.5239e-05	0.0000e+00
1103	0.0000e+00	0.0000e+00	2.3819e-03	-5.4128e-05	-2.1061e-05	0.0000e+00
1104	0.0000e+00	0.0000e+00	7.8971e-04	-2.8045e-05	-1.5212e-05	0.0000e+00
1105	0.0000e+00	0.0000e+00	-3.1132e-04	-1.1151e-05	-9.3510e-06	0.0000e+00
1106	0.0000e+00	0.0000e+00	-4.8659e-04	-4.0315e-06	6.0457e-06	0.0000e+00
1107	0.0000e+00	0.0000e+00	-6.2997e-04	-4.1409e-06	8.2312e-06	0.0000e+00
1108	0.0000e+00	0.0000e+00	-8.5629e-04	-1.1054e-05	1.0834e-05	0.0000e+00

1109	0.0000e+00	0.0000e+00	-1.3889e-03	-2.0747e-05	9.3254e-06	0.0000e+00
1110	0.0000e+00	0.0000e+00	-2.2481e-03	-2.3954e-05	6.4174e-06	0.0000e+00
1111	0.0000e+00	0.0000e+00	1.6093e-02	-1.5105e-04	-2.4736e-05	0.0000e+00
1112	0.0000e+00	0.0000e+00	1.0562e-02	-1.2383e-04	-2.6531e-05	0.0000e+00
1113	0.0000e+00	0.0000e+00	6.2708e-03	-9.0655e-05	-2.5544e-05	0.0000e+00
1114	0.0000e+00	0.0000e+00	3.2995e-03	-5.9443e-05	-2.2461e-05	0.0000e+00
1115	0.0000e+00	0.0000e+00	1.5068e-03	-3.4557e-05	-1.8215e-05	0.0000e+00
1116	0.0000e+00	0.0000e+00	7.4695e-04	-1.7810e-05	-1.3937e-05	0.0000e+00
1117	0.0000e+00	0.0000e+00	-7.6440e-04	-9.4640e-06	-1.0858e-05	0.0000e+00
1118	0.0000e+00	0.0000e+00	-9.6818e-04	-8.2694e-06	9.7892e-06	0.0000e+00
1119	0.0000e+00	0.0000e+00	-1.2491e-03	-1.2258e-05	9.9675e-06	0.0000e+00
1120	0.0000e+00	0.0000e+00	-1.7144e-03	-1.7418e-05	1.0131e-05	0.0000e+00
1121	0.0000e+00	0.0000e+00	-2.3398e-03	-1.7694e-05	1.0422e-05	0.0000e+00
1122	0.0000e+00	0.0000e+00	1.7252e-02	-1.5067e-04	-3.0004e-05	0.0000e+00
1123	0.0000e+00	0.0000e+00	1.1710e-02	-1.2496e-04	-2.8415e-05	0.0000e+00
1124	0.0000e+00	0.0000e+00	7.3597e-03	-9.3238e-05	-2.6674e-05	0.0000e+00
1125	0.0000e+00	0.0000e+00	4.2829e-03	-6.3484e-05	-2.4531e-05	0.0000e+00
1126	0.0000e+00	0.0000e+00	2.3640e-03	-3.9534e-05	-2.1806e-05	0.0000e+00
1127	0.0000e+00	0.0000e+00	1.4496e-03	-2.2893e-05	-1.9166e-05	0.0000e+00
1128	0.0000e+00	0.0000e+00	-1.2801e-03	-1.3788e-05	-1.7382e-05	0.0000e+00
1129	0.0000e+00	0.0000e+00	-1.4138e-03	-1.1304e-05	-1.6732e-05	0.0000e+00
1130	0.0000e+00	0.0000e+00	-1.6497e-03	-1.3930e-05	-1.6762e-05	0.0000e+00
1131	0.0000e+00	0.0000e+00	-2.0353e-03	-1.8379e-05	-1.6567e-05	0.0000e+00
1132	0.0000e+00	0.0000e+00	-2.5845e-03	-1.8216e-05	1.6099e-05	0.0000e+00
1133	0.0000e+00	0.0000e+00	1.8609e-02	-1.5635e-04	-3.4141e-05	0.0000e+00
1134	0.0000e+00	0.0000e+00	1.2908e-02	-1.2764e-04	-3.0149e-05	0.0000e+00
1135	0.0000e+00	0.0000e+00	8.4881e-03	-9.5164e-05	-2.8612e-05	0.0000e+00
1136	0.0000e+00	0.0000e+00	5.3546e-03	-6.6221e-05	-2.7195e-05	0.0000e+00
1137	0.0000e+00	0.0000e+00	3.3754e-03	-4.3002e-05	-2.5453e-05	0.0000e+00
1138	0.0000e+00	0.0000e+00	2.3861e-03	-2.6394e-05	-2.3958e-05	0.0000e+00
1139	0.0000e+00	0.0000e+00	2.1091e-03	-1.6615e-05	-2.3326e-05	0.0000e+00
1140	0.0000e+00	0.0000e+00	-2.1641e-03	-1.3052e-05	-2.3807e-05	0.0000e+00
1141	0.0000e+00	0.0000e+00	-2.3211e-03	-1.5014e-05	-2.5079e-05	0.0000e+00
1142	0.0000e+00	0.0000e+00	-2.5798e-03	-2.1899e-05	-2.5709e-05	0.0000e+00
1143	0.0000e+00	0.0000e+00	-3.0838e-03	-2.4684e-05	2.3554e-05	0.0000e+00
1144	0.0000e+00	0.0000e+00	1.4145e-02	-1.3211e-04	-3.3309e-05	0.0000e+00
1145	0.0000e+00	0.0000e+00	9.6763e-03	-9.8994e-05	-3.0838e-05	0.0000e+00
1146	0.0000e+00	0.0000e+00	6.5131e-03	-7.0806e-05	-2.9002e-05	0.0000e+00
1147	0.0000e+00	0.0000e+00	4.5123e-03	-4.8164e-05	-2.7648e-05	0.0000e+00
1148	0.0000e+00	0.0000e+00	3.4969e-03	-3.1621e-05	-2.6881e-05	0.0000e+00
1149	0.0000e+00	0.0000e+00	3.1817e-03	-2.1438e-05	-2.6893e-05	0.0000e+00
1150	0.0000e+00	0.0000e+00	3.2207e-03	-1.7294e-05	-2.7813e-05	0.0000e+00
1151	0.0000e+00	0.0000e+00	-3.3762e-03	-1.8861e-05	-2.9674e-05	0.0000e+00
1152	0.0000e+00	0.0000e+00	-3.5800e-03	-2.7244e-05	-3.2476e-05	0.0000e+00
1153	0.0000e+00	0.0000e+00	-4.6351e-03	-2.4119e-05	-3.1974e-05	0.0000e+00
1154	0.0000e+00	0.0000e+00	-4.6955e-03	1.6893e-05	-1.9749e-05	0.0000e+00
1155	0.0000e+00	0.0000e+00	-3.5071e-03	3.5985e-05	-1.1316e-05	0.0000e+00
1156	0.0000e+00	0.0000e+00	-1.7138e-03	4.5258e-05	-6.1190e-06	0.0000e+00
1157	0.0000e+00	0.0000e+00	4.1241e-04	4.8572e-05	-3.1505e-06	0.0000e+00
1158	0.0000e+00	0.0000e+00	2.4802e-03	4.6894e-05	4.0622e-06	0.0000e+00
1159	0.0000e+00	0.0000e+00	4.3775e-03	3.8950e-05	9.0659e-06	0.0000e+00
1160	0.0000e+00	0.0000e+00	5.7113e-03	2.0339e-05	1.7891e-05	0.0000e+00
1161	0.0000e+00	0.0000e+00	5.7876e-03	-2.1134e-05	3.1572e-05	0.0000e+00
1162	0.0000e+00	0.0000e+00	3.3812e-03	-7.6109e-05	4.8863e-06	0.0000e+00
1163	0.0000e+00	0.0000e+00	-3.6123e-03	-2.0427e-05	-1.9803e-05	0.0000e+00
1164	0.0000e+00	0.0000e+00	-3.8308e-03	9.0346e-06	-2.0453e-05	0.0000e+00
1165	0.0000e+00	0.0000e+00	-2.9688e-03	2.8852e-05	-1.4507e-05	0.0000e+00
1166	0.0000e+00	0.0000e+00	-1.4370e-03	3.9724e-05	-8.7030e-06	0.0000e+00
1167	0.0000e+00	0.0000e+00	4.1605e-04	4.3553e-05	4.7757e-06	0.0000e+00
1168	0.0000e+00	0.0000e+00	2.2922e-03	4.1020e-05	6.1780e-06	0.0000e+00
1169	0.0000e+00	0.0000e+00	3.9019e-03	3.1014e-05	1.2262e-05	0.0000e+00
1170	0.0000e+00	0.0000e+00	4.8602e-03	1.0727e-05	1.9567e-05	0.0000e+00
1171	0.0000e+00	0.0000e+00	4.6924e-03	-1.9833e-05	2.0986e-05	0.0000e+00
1172	0.0000e+00	0.0000e+00	3.2125e-03	-4.3723e-05	4.9285e-06	0.0000e+00
1173	0.0000e+00	0.0000e+00	-3.0566e-03	-1.2794e-05	-1.2377e-05	0.0000e+00
1174	0.0000e+00	0.0000e+00	-3.1711e-03	7.1640e-06	-1.4994e-05	0.0000e+00
1175	0.0000e+00	0.0000e+00	-2.4745e-03	2.3805e-05	-1.3118e-05	0.0000e+00
1176	0.0000e+00	0.0000e+00	-1.1782e-03	3.4477e-05	-9.8642e-06	0.0000e+00
1177	0.0000e+00	0.0000e+00	5.3525e-04	3.8296e-05	-7.0929e-06	0.0000e+00
1178	0.0000e+00	0.0000e+00	2.1326e-03	3.5219e-05	6.5063e-06	0.0000e+00
1179	0.0000e+00	0.0000e+00	3.4759e-03	2.4804e-05	8.9993e-06	0.0000e+00
1180	0.0000e+00	0.0000e+00	4.2020e-03	7.1476e-06	1.1828e-05	0.0000e+00

1181	0.0000e+00	0.0000e+00	4.0498e-03	-1.3973e-05	1.0510e-05	0.0000e+00
1182	0.0000e+00	0.0000e+00	3.0683e-03	-2.8360e-05	3.4662e-06	0.0000e+00
1183	0.0000e+00	0.0000e+00	-2.8780e-03	-8.4898e-06	-1.1577e-05	0.0000e+00
1184	0.0000e+00	0.0000e+00	-2.8814e-03	7.4976e-06	-1.2669e-05	0.0000e+00
1185	0.0000e+00	0.0000e+00	-2.2327e-03	2.1936e-05	-1.2676e-05	0.0000e+00
1186	0.0000e+00	0.0000e+00	-1.1213e-03	3.1714e-05	-1.1745e-05	0.0000e+00
1187	0.0000e+00	0.0000e+00	8.3964e-04	3.5197e-05	-1.0394e-05	0.0000e+00
1188	0.0000e+00	0.0000e+00	2.1633e-03	3.1960e-05	9.0172e-06	0.0000e+00
1189	0.0000e+00	0.0000e+00	3.3426e-03	2.1973e-05	7.8361e-06	0.0000e+00
1190	0.0000e+00	0.0000e+00	3.9710e-03	6.3992e-06	6.7942e-06	0.0000e+00
1191	0.0000e+00	0.0000e+00	3.8592e-03	-1.0992e-05	5.8004e-06	0.0000e+00
1192	0.0000e+00	0.0000e+00	3.0824e-03	-2.2759e-05	-5.7279e-06	0.0000e+00
1193	0.0000e+00	0.0000e+00	-3.0555e-03	-7.6003e-06	1.6217e-05	0.0000e+00
1194	0.0000e+00	0.0000e+00	-2.9955e-03	8.7629e-06	1.6128e-05	0.0000e+00
1195	0.0000e+00	0.0000e+00	-2.3419e-03	2.2716e-05	1.5681e-05	0.0000e+00
1196	0.0000e+00	0.0000e+00	-1.4043e-03	3.1832e-05	-1.5110e-05	0.0000e+00
1197	0.0000e+00	0.0000e+00	1.3463e-03	3.4979e-05	-1.4503e-05	0.0000e+00
1198	0.0000e+00	0.0000e+00	2.4791e-03	3.1795e-05	-1.4040e-05	0.0000e+00
1199	0.0000e+00	0.0000e+00	3.5959e-03	2.2238e-05	-1.3951e-05	0.0000e+00
1200	0.0000e+00	0.0000e+00	4.2194e-03	7.1869e-06	-1.4258e-05	0.0000e+00
1201	0.0000e+00	0.0000e+00	4.1204e-03	-1.0983e-05	-1.3921e-05	0.0000e+00
1202	0.0000e+00	0.0000e+00	3.3290e-03	-2.3698e-05	-1.1630e-05	0.0000e+00
1203	0.0000e+00	0.0000e+00	-3.5969e-03	-8.3892e-06	2.3047e-05	0.0000e+00
1204	0.0000e+00	0.0000e+00	-3.4818e-03	1.1420e-05	2.1710e-05	0.0000e+00
1205	0.0000e+00	0.0000e+00	-2.7980e-03	2.5600e-05	2.0165e-05	0.0000e+00
1206	0.0000e+00	0.0000e+00	-2.0032e-03	3.4292e-05	1.9119e-05	0.0000e+00
1207	0.0000e+00	0.0000e+00	2.0536e-03	3.7225e-05	-1.8688e-05	0.0000e+00
1208	0.0000e+00	0.0000e+00	3.0828e-03	3.4235e-05	-1.8988e-05	0.0000e+00
1209	0.0000e+00	0.0000e+00	4.2060e-03	2.5117e-05	-2.0182e-05	0.0000e+00
1210	0.0000e+00	0.0000e+00	4.8965e-03	9.8622e-06	-2.2177e-05	0.0000e+00
1211	0.0000e+00	0.0000e+00	4.8198e-03	-1.1977e-05	-2.3461e-05	0.0000e+00
1212	0.0000e+00	0.0000e+00	3.8394e-03	-3.0354e-05	-1.8481e-05	0.0000e+00
1213	0.0000e+00	0.0000e+00	-4.4084e-03	-1.3319e-05	3.0517e-05	0.0000e+00
1214	0.0000e+00	0.0000e+00	-4.1944e-03	1.0927e-05	2.6587e-05	0.0000e+00
1215	0.0000e+00	0.0000e+00	-3.4974e-03	2.5547e-05	2.3990e-05	0.0000e+00
1216	0.0000e+00	0.0000e+00	-2.8220e-03	3.4388e-05	-2.2379e-05	0.0000e+00
1217	0.0000e+00	0.0000e+00	2.9273e-03	3.7358e-05	-2.1657e-05	0.0000e+00
1218	0.0000e+00	0.0000e+00	3.8849e-03	3.4398e-05	-2.1772e-05	0.0000e+00
1219	0.0000e+00	0.0000e+00	5.0135e-03	2.5194e-05	-2.2627e-05	0.0000e+00
1220	0.0000e+00	0.0000e+00	5.7717e-03	9.2109e-06	-2.4018e-05	0.0000e+00
1221	0.0000e+00	0.0000e+00	5.7601e-03	-1.5398e-05	-2.5669e-05	0.0000e+00
1222	0.0000e+00	0.0000e+00	-3.4072e-03	-7.6317e-05	-5.9088e-06	0.0000e+00
1223	0.0000e+00	0.0000e+00	-5.8576e-03	-2.2697e-05	-3.3343e-05	0.0000e+00
1224	0.0000e+00	0.0000e+00	-5.8398e-03	1.9088e-05	-1.9149e-05	0.0000e+00
1225	0.0000e+00	0.0000e+00	-4.5556e-03	3.7782e-05	-9.6146e-06	0.0000e+00
1226	0.0000e+00	0.0000e+00	-2.7094e-03	4.5577e-05	-3.6901e-06	0.0000e+00
1227	0.0000e+00	0.0000e+00	-6.7413e-04	4.7006e-05	1.1089e-06	0.0000e+00
1228	0.0000e+00	0.0000e+00	1.3391e-03	4.3469e-05	4.6479e-06	0.0000e+00
1229	0.0000e+00	0.0000e+00	3.0549e-03	3.4145e-05	9.7573e-06	0.0000e+00
1230	0.0000e+00	0.0000e+00	4.1700e-03	1.5254e-05	1.7752e-05	0.0000e+00
1231	0.0000e+00	0.0000e+00	4.0615e-03	-2.4137e-05	2.9752e-05	0.0000e+00
1232	0.0000e+00	0.0000e+00	1.6548e-03	-7.3147e-05	1.2769e-06	0.0000e+00
1233	0.0000e+00	0.0000e+00	-3.1916e-03	-4.4110e-05	-5.4749e-06	0.0000e+00
1234	0.0000e+00	0.0000e+00	-4.7101e-03	-2.1116e-05	-2.1730e-05	0.0000e+00
1235	0.0000e+00	0.0000e+00	-4.9400e-03	9.2444e-06	-2.0379e-05	0.0000e+00
1236	0.0000e+00	0.0000e+00	-4.0458e-03	2.9547e-05	-1.2699e-05	0.0000e+00
1237	0.0000e+00	0.0000e+00	-2.5016e-03	3.9490e-05	-5.5465e-06	0.0000e+00
1238	0.0000e+00	0.0000e+00	-6.9630e-04	4.1898e-05	1.5144e-06	0.0000e+00
1239	0.0000e+00	0.0000e+00	1.0848e-03	3.7971e-05	6.5960e-06	0.0000e+00
1240	0.0000e+00	0.0000e+00	2.5385e-03	2.7126e-05	1.2867e-05	0.0000e+00
1241	0.0000e+00	0.0000e+00	3.3295e-03	7.1997e-06	1.9104e-05	0.0000e+00
1242	0.0000e+00	0.0000e+00	3.0513e-03	-2.1023e-05	1.8931e-05	0.0000e+00
1243	0.0000e+00	0.0000e+00	1.6049e-03	-4.0908e-05	1.2073e-06	0.0000e+00
1244	0.0000e+00	0.0000e+00	-3.0108e-03	-2.8919e-05	-3.7963e-06	0.0000e+00
1245	0.0000e+00	0.0000e+00	-4.0291e-03	-1.5073e-05	-1.1260e-05	0.0000e+00
1246	0.0000e+00	0.0000e+00	-4.2365e-03	5.7795e-06	-1.2486e-05	0.0000e+00
1247	0.0000e+00	0.0000e+00	-3.5738e-03	2.3269e-05	-8.9555e-06	0.0000e+00
1248	0.0000e+00	0.0000e+00	-2.2962e-03	3.3562e-05	-4.3338e-06	0.0000e+00
1249	0.0000e+00	0.0000e+00	-7.3022e-04	3.6518e-05	2.2717e-06	0.0000e+00
1250	0.0000e+00	0.0000e+00	8.1446e-04	3.2621e-05	5.7929e-06	0.0000e+00
1251	0.0000e+00	0.0000e+00	2.0398e-03	2.1955e-05	9.7645e-06	0.0000e+00
1252	0.0000e+00	0.0000e+00	2.6562e-03	5.1512e-06	1.2141e-05	0.0000e+00



1253	0.0000e+00	0.0000e+00	2.4632e-03	-1.3617e-05	9.5398e-06	0.0000e+00
1254	0.0000e+00	0.0000e+00	1.5766e-03	-2.4200e-05	4.1876e-07	0.0000e+00
1255	0.0000e+00	0.0000e+00	-2.9499e-03	-2.3501e-05	3.9635e-06	0.0000e+00
1256	0.0000e+00	0.0000e+00	-3.7636e-03	-1.1982e-05	-4.3191e-06	0.0000e+00
1257	0.0000e+00	0.0000e+00	-3.9223e-03	5.0288e-06	-4.7676e-06	0.0000e+00
1258	0.0000e+00	0.0000e+00	-3.3467e-03	2.0395e-05	-4.2868e-06	0.0000e+00
1259	0.0000e+00	0.0000e+00	-2.2099e-03	3.0191e-05	3.5089e-06	0.0000e+00
1260	0.0000e+00	0.0000e+00	-7.9151e-04	3.3292e-05	3.4250e-06	0.0000e+00
1261	0.0000e+00	0.0000e+00	6.3091e-04	2.9744e-05	4.0749e-06	0.0000e+00
1262	0.0000e+00	0.0000e+00	1.7433e-03	2.0000e-05	4.6273e-06	0.0000e+00
1263	0.0000e+00	0.0000e+00	2.3192e-03	5.6208e-06	4.1687e-06	0.0000e+00
1264	0.0000e+00	0.0000e+00	2.2318e-03	-9.1152e-06	2.1394e-06	0.0000e+00
1265	0.0000e+00	0.0000e+00	1.6157e-03	-1.7124e-05	-2.1439e-06	0.0000e+00
1266	0.0000e+00	0.0000e+00	-3.0390e-03	-2.4655e-05	7.4185e-06	0.0000e+00
1267	0.0000e+00	0.0000e+00	-3.8661e-03	-1.1879e-05	8.7058e-06	0.0000e+00
1268	0.0000e+00	0.0000e+00	-4.0007e-03	5.6047e-06	8.2368e-06	0.0000e+00
1269	0.0000e+00	0.0000e+00	-3.4089e-03	2.0508e-05	6.9635e-06	0.0000e+00
1270	0.0000e+00	0.0000e+00	-2.2814e-03	2.9874e-05	5.8385e-06	0.0000e+00
1271	0.0000e+00	0.0000e+00	-8.9537e-04	3.2971e-05	4.8785e-06	0.0000e+00
1272	0.0000e+00	0.0000e+00	5.9290e-04	2.9853e-05	4.0126e-06	0.0000e+00
1273	0.0000e+00	0.0000e+00	1.6962e-03	2.0906e-05	-3.6543e-06	0.0000e+00
1274	0.0000e+00	0.0000e+00	2.3250e-03	7.2801e-06	-4.6578e-06	0.0000e+00
1275	0.0000e+00	0.0000e+00	2.3111e-03	-7.6657e-06	-5.7220e-06	0.0000e+00
1276	0.0000e+00	0.0000e+00	1.7429e-03	-1.6532e-05	-4.4339e-06	0.0000e+00
1277	0.0000e+00	0.0000e+00	-3.2615e-03	-3.1583e-05	1.1608e-05	0.0000e+00
1278	0.0000e+00	0.0000e+00	-4.2734e-03	-1.2864e-05	1.4923e-05	0.0000e+00
1279	0.0000e+00	0.0000e+00	-4.3750e-03	7.9952e-06	1.3168e-05	0.0000e+00
1280	0.0000e+00	0.0000e+00	-3.6894e-03	2.3075e-05	1.0485e-05	0.0000e+00
1281	0.0000e+00	0.0000e+00	-2.4806e-03	3.2103e-05	8.1548e-06	0.0000e+00
1282	0.0000e+00	0.0000e+00	-1.0532e-03	3.5166e-05	6.4026e-06	0.0000e+00
1283	0.0000e+00	0.0000e+00	7.1118e-04	3.2471e-05	5.6126e-06	0.0000e+00
1284	0.0000e+00	0.0000e+00	1.8551e-03	2.4196e-05	-6.6020e-06	0.0000e+00
1285	0.0000e+00	0.0000e+00	2.6045e-03	1.0607e-05	-9.2770e-06	0.0000e+00
1286	0.0000e+00	0.0000e+00	2.6627e-03	-7.5375e-06	-1.1520e-05	0.0000e+00
1287	0.0000e+00	0.0000e+00	1.9551e-03	-2.1532e-05	-6.5583e-06	0.0000e+00
1288	0.0000e+00	0.0000e+00	-4.7348e-03	-1.7611e-05	1.5102e-05	0.0000e+00
1289	0.0000e+00	0.0000e+00	-4.7864e-03	7.1528e-06	1.2933e-05	0.0000e+00
1290	0.0000e+00	0.0000e+00	-4.0129e-03	2.2800e-05	1.0927e-05	0.0000e+00
1291	0.0000e+00	0.0000e+00	-2.7212e-03	3.2144e-05	9.0821e-06	0.0000e+00
1292	0.0000e+00	0.0000e+00	-1.2625e-03	3.5469e-05	7.6521e-06	0.0000e+00
1293	0.0000e+00	0.0000e+00	9.3982e-04	3.3069e-05	6.9969e-06	0.0000e+00
1294	0.0000e+00	0.0000e+00	2.0956e-03	2.4990e-05	-7.3212e-06	0.0000e+00
1295	0.0000e+00	0.0000e+00	2.9514e-03	1.0988e-05	-8.2533e-06	0.0000e+00
1296	0.0000e+00	0.0000e+00	3.0936e-03	-9.8842e-06	-8.9371e-06	0.0000e+00
1297	0.0000e+00	0.0000e+00	-1.6577e-03	-7.3151e-05	-1.3159e-06	0.0000e+00
1298	0.0000e+00	0.0000e+00	-4.0646e-03	-2.4141e-05	-2.9778e-05	0.0000e+00
1299	0.0000e+00	0.0000e+00	-4.1733e-03	1.5248e-05	-1.7781e-05	0.0000e+00
1300	0.0000e+00	0.0000e+00	-3.0585e-03	3.4139e-05	-9.7893e-06	0.0000e+00
1301	0.0000e+00	0.0000e+00	-1.3433e-03	4.3465e-05	-4.6843e-06	0.0000e+00
1302	0.0000e+00	0.0000e+00	6.7160e-04	4.7005e-05	-1.1576e-06	0.0000e+00
1303	0.0000e+00	0.0000e+00	2.7060e-03	4.5579e-05	3.6708e-06	0.0000e+00
1304	0.0000e+00	0.0000e+00	4.5522e-03	3.7787e-05	9.5885e-06	0.0000e+00
1305	0.0000e+00	0.0000e+00	5.8366e-03	1.9095e-05	1.9122e-05	0.0000e+00
1306	0.0000e+00	0.0000e+00	5.8547e-03	-2.2690e-05	3.3315e-05	0.0000e+00
1307	0.0000e+00	0.0000e+00	3.4047e-03	-7.6308e-05	5.8915e-06	0.0000e+00
1308	0.0000e+00	0.0000e+00	-1.6065e-03	-4.0911e-05	-1.2427e-06	0.0000e+00
1309	0.0000e+00	0.0000e+00	-3.0531e-03	-2.1026e-05	-1.8961e-05	0.0000e+00
1310	0.0000e+00	0.0000e+00	-3.3315e-03	7.1961e-06	-1.9135e-05	0.0000e+00
1311	0.0000e+00	0.0000e+00	-2.5408e-03	2.7122e-05	-1.2902e-05	0.0000e+00
1312	0.0000e+00	0.0000e+00	-1.0874e-03	3.7968e-05	-6.6351e-06	0.0000e+00
1313	0.0000e+00	0.0000e+00	6.9453e-04	4.1898e-05	-1.5631e-06	0.0000e+00
1314	0.0000e+00	0.0000e+00	2.4995e-03	3.9493e-05	5.5214e-06	0.0000e+00
1315	0.0000e+00	0.0000e+00	4.0438e-03	2.9553e-05	1.2666e-05	0.0000e+00
1316	0.0000e+00	0.0000e+00	4.9383e-03	9.2512e-06	2.0342e-05	0.0000e+00
1317	0.0000e+00	0.0000e+00	4.7087e-03	-2.1108e-05	2.1691e-05	0.0000e+00
1318	0.0000e+00	0.0000e+00	3.1905e-03	-4.4101e-05	5.4420e-06	0.0000e+00
1319	0.0000e+00	0.0000e+00	-1.5769e-03	-2.4203e-05	-4.5001e-07	0.0000e+00
1320	0.0000e+00	0.0000e+00	-2.4637e-03	-1.3620e-05	-9.5739e-06	0.0000e+00
1321	0.0000e+00	0.0000e+00	-2.6567e-03	5.1482e-06	-1.2176e-05	0.0000e+00
1322	0.0000e+00	0.0000e+00	-2.0405e-03	2.1953e-05	-9.8022e-06	0.0000e+00
1323	0.0000e+00	0.0000e+00	-8.1529e-04	3.2621e-05	-5.8361e-06	0.0000e+00
1324	0.0000e+00	0.0000e+00	7.2950e-04	3.6520e-05	-2.3181e-06	0.0000e+00

1325	0.0000e+00	0.0000e+00	2.2956e-03	3.3566e-05	4.3175e-06	0.0000e+00
1326	0.0000e+00	0.0000e+00	3.5734e-03	2.3277e-05	8.9235e-06	0.0000e+00
1327	0.0000e+00	0.0000e+00	4.2365e-03	5.7884e-06	1.2447e-05	0.0000e+00
1328	0.0000e+00	0.0000e+00	4.0296e-03	-1.5062e-05	1.1218e-05	0.0000e+00
1329	0.0000e+00	0.0000e+00	3.0116e-03	-2.8908e-05	3.7724e-06	0.0000e+00
1330	0.0000e+00	0.0000e+00	-1.6146e-03	-1.7125e-05	2.1290e-06	0.0000e+00
1331	0.0000e+00	0.0000e+00	-2.2308e-03	-9.1177e-06	-2.1825e-06	0.0000e+00
1332	0.0000e+00	0.0000e+00	-2.3183e-03	5.6176e-06	-4.2109e-06	0.0000e+00
1333	0.0000e+00	0.0000e+00	-1.7425e-03	1.9999e-05	-4.6710e-06	0.0000e+00
1334	0.0000e+00	0.0000e+00	-6.2997e-04	2.9745e-05	-4.1209e-06	0.0000e+00
1335	0.0000e+00	0.0000e+00	7.9216e-04	3.3296e-05	-3.4678e-06	0.0000e+00
1336	0.0000e+00	0.0000e+00	2.2110e-03	3.0199e-05	-3.5337e-06	0.0000e+00
1337	0.0000e+00	0.0000e+00	3.3482e-03	2.0406e-05	4.2918e-06	0.0000e+00
1338	0.0000e+00	0.0000e+00	3.9243e-03	5.0419e-06	4.7639e-06	0.0000e+00
1339	0.0000e+00	0.0000e+00	3.7662e-03	-1.1968e-05	4.3239e-06	0.0000e+00
1340	0.0000e+00	0.0000e+00	2.9530e-03	-2.3488e-05	-3.9992e-06	0.0000e+00
1341	0.0000e+00	0.0000e+00	-1.7404e-03	-1.6532e-05	4.4177e-06	0.0000e+00
1342	0.0000e+00	0.0000e+00	-2.3087e-03	-7.6677e-06	5.7036e-06	0.0000e+00
1343	0.0000e+00	0.0000e+00	-2.3227e-03	7.2770e-06	4.6485e-06	0.0000e+00
1344	0.0000e+00	0.0000e+00	-1.6940e-03	2.0905e-05	3.6668e-06	0.0000e+00
1345	0.0000e+00	0.0000e+00	-5.9066e-04	2.9856e-05	-4.0430e-06	0.0000e+00
1346	0.0000e+00	0.0000e+00	8.9762e-04	3.2978e-05	-4.9166e-06	0.0000e+00
1347	0.0000e+00	0.0000e+00	2.2842e-03	2.9886e-05	-5.8816e-06	0.0000e+00
1348	0.0000e+00	0.0000e+00	3.4124e-03	2.0524e-05	-7.0125e-06	0.0000e+00
1349	0.0000e+00	0.0000e+00	4.0049e-03	5.6231e-06	-8.2927e-06	0.0000e+00
1350	0.0000e+00	0.0000e+00	3.8711e-03	-1.1860e-05	-8.7682e-06	0.0000e+00
1351	0.0000e+00	0.0000e+00	3.0448e-03	-2.4639e-05	-7.4769e-06	0.0000e+00
1352	0.0000e+00	0.0000e+00	-1.9516e-03	-2.1530e-05	6.5482e-06	0.0000e+00
1353	0.0000e+00	0.0000e+00	-2.6592e-03	-7.5392e-06	1.1502e-05	0.0000e+00
1354	0.0000e+00	0.0000e+00	-2.6011e-03	1.0605e-05	9.2625e-06	0.0000e+00
1355	0.0000e+00	0.0000e+00	-1.8517e-03	2.4197e-05	6.5983e-06	0.0000e+00
1356	0.0000e+00	0.0000e+00	-7.0861e-04	3.2477e-05	-5.6287e-06	0.0000e+00
1357	0.0000e+00	0.0000e+00	1.0571e-03	3.5177e-05	-6.4353e-06	0.0000e+00
1358	0.0000e+00	0.0000e+00	2.4853e-03	3.2118e-05	-8.1970e-06	0.0000e+00
1359	0.0000e+00	0.0000e+00	3.6949e-03	2.3095e-05	-1.0534e-05	0.0000e+00
1360	0.0000e+00	0.0000e+00	4.3814e-03	8.0191e-06	-1.3223e-05	0.0000e+00
1361	0.0000e+00	0.0000e+00	4.2809e-03	-1.2839e-05	-1.4985e-05	0.0000e+00
1362	0.0000e+00	0.0000e+00	3.2700e-03	-3.1563e-05	-1.1664e-05	0.0000e+00
1363	0.0000e+00	0.0000e+00	-3.0894e-03	-9.8817e-06	8.9369e-06	0.0000e+00
1364	0.0000e+00	0.0000e+00	-2.9472e-03	1.0990e-05	8.2522e-06	0.0000e+00
1365	0.0000e+00	0.0000e+00	-2.0914e-03	2.4995e-05	7.3255e-06	0.0000e+00
1366	0.0000e+00	0.0000e+00	-9.3765e-04	3.3078e-05	-7.0120e-06	0.0000e+00
1367	0.0000e+00	0.0000e+00	1.2679e-03	3.5483e-05	-7.6785e-06	0.0000e+00
1368	0.0000e+00	0.0000e+00	2.7278e-03	3.2162e-05	-9.1167e-06	0.0000e+00
1369	0.0000e+00	0.0000e+00	4.0204e-03	2.2822e-05	-1.0967e-05	0.0000e+00
1370	0.0000e+00	0.0000e+00	4.7950e-03	7.1778e-06	-1.2975e-05	0.0000e+00
1371	0.0000e+00	0.0000e+00	4.7445e-03	-1.7588e-05	-1.5143e-05	0.0000e+00
1372	0.0000e+00	0.0000e+00	-3.3809e-03	-7.6100e-05	-4.9109e-06	0.0000e+00
1373	0.0000e+00	0.0000e+00	-5.7869e-03	-2.1124e-05	-3.1590e-05	0.0000e+00
1374	0.0000e+00	0.0000e+00	-5.7104e-03	2.0340e-05	-1.7911e-05	0.0000e+00
1375	0.0000e+00	0.0000e+00	-4.3764e-03	3.8952e-05	-9.0933e-06	0.0000e+00
1376	0.0000e+00	0.0000e+00	-2.4786e-03	4.6897e-05	-4.1158e-06	0.0000e+00
1377	0.0000e+00	0.0000e+00	-4.0733e-04	4.8576e-05	3.2326e-06	0.0000e+00
1378	0.0000e+00	0.0000e+00	1.7141e-03	4.5264e-05	6.1804e-06	0.0000e+00
1379	0.0000e+00	0.0000e+00	3.5083e-03	3.5994e-05	1.1368e-05	0.0000e+00
1380	0.0000e+00	0.0000e+00	4.6973e-03	1.6912e-05	1.9795e-05	0.0000e+00
1381	0.0000e+00	0.0000e+00	4.6380e-03	-2.4128e-05	3.2014e-05	0.0000e+00
1382	0.0000e+00	0.0000e+00	2.2727e-03	-7.2402e-05	6.0658e-06	0.0000e+00
1383	0.0000e+00	0.0000e+00	-3.2109e-03	-4.3718e-05	-4.9781e-06	0.0000e+00
1384	0.0000e+00	0.0000e+00	-4.6907e-03	-1.9829e-05	-2.1022e-05	0.0000e+00
1385	0.0000e+00	0.0000e+00	-4.8584e-03	1.0723e-05	-1.9603e-05	0.0000e+00
1386	0.0000e+00	0.0000e+00	-3.9002e-03	3.1012e-05	-1.2307e-05	0.0000e+00
1387	0.0000e+00	0.0000e+00	-2.2904e-03	4.1018e-05	-6.2607e-06	0.0000e+00
1388	0.0000e+00	0.0000e+00	-4.1428e-04	4.3553e-05	-4.9029e-06	0.0000e+00
1389	0.0000e+00	0.0000e+00	1.4390e-03	3.9726e-05	8.7985e-06	0.0000e+00
1390	0.0000e+00	0.0000e+00	2.9712e-03	2.8859e-05	1.4586e-05	0.0000e+00
1391	0.0000e+00	0.0000e+00	3.8339e-03	9.0669e-06	2.0524e-05	0.0000e+00
1392	0.0000e+00	0.0000e+00	3.6171e-03	-2.0437e-05	1.9875e-05	0.0000e+00
1393	0.0000e+00	0.0000e+00	2.2473e-03	-3.9959e-05	4.6399e-06	0.0000e+00
1394	0.0000e+00	0.0000e+00	-3.0649e-03	-2.8359e-05	-3.5520e-06	0.0000e+00
1395	0.0000e+00	0.0000e+00	-4.0466e-03	-1.3977e-05	-1.0578e-05	0.0000e+00
1396	0.0000e+00	0.0000e+00	-4.1991e-03	7.1414e-06	-1.1898e-05	0.0000e+00

1397	0.0000e+00	0.0000e+00	-3.4736e-03	2.4795e-05	-9.0938e-06	0.0000e+00
1398	0.0000e+00	0.0000e+00	-2.1317e-03	3.5211e-05	-6.6546e-06	0.0000e+00
1399	0.0000e+00	0.0000e+00	-5.4299e-04	3.8290e-05	7.2656e-06	0.0000e+00
1400	0.0000e+00	0.0000e+00	1.1866e-03	3.4474e-05	1.0027e-05	0.0000e+00
1401	0.0000e+00	0.0000e+00	2.4809e-03	2.3808e-05	1.3272e-05	0.0000e+00
1402	0.0000e+00	0.0000e+00	3.1779e-03	7.1950e-06	1.5147e-05	0.0000e+00
1403	0.0000e+00	0.0000e+00	3.0655e-03	-1.2810e-05	1.2550e-05	0.0000e+00
1404	0.0000e+00	0.0000e+00	2.2615e-03	-2.3959e-05	-6.6394e-06	0.0000e+00
1405	0.0000e+00	0.0000e+00	-3.0771e-03	-2.2765e-05	5.7897e-06	0.0000e+00
1406	0.0000e+00	0.0000e+00	-3.8545e-03	-1.1011e-05	-5.9113e-06	0.0000e+00
1407	0.0000e+00	0.0000e+00	-3.9674e-03	6.4003e-06	-6.9339e-06	0.0000e+00
1408	0.0000e+00	0.0000e+00	-3.3410e-03	2.1960e-05	-7.9999e-06	0.0000e+00
1409	0.0000e+00	0.0000e+00	-2.1658e-03	3.1945e-05	-9.2060e-06	0.0000e+00
1410	0.0000e+00	0.0000e+00	-8.5934e-04	3.5185e-05	1.0608e-05	0.0000e+00
1411	0.0000e+00	0.0000e+00	1.1453e-03	3.1705e-05	1.1986e-05	0.0000e+00
1412	0.0000e+00	0.0000e+00	2.2491e-03	2.1933e-05	1.2944e-05	0.0000e+00
1413	0.0000e+00	0.0000e+00	2.8969e-03	7.5145e-06	1.2963e-05	0.0000e+00
1414	0.0000e+00	0.0000e+00	2.8956e-03	-8.5157e-06	1.1887e-05	0.0000e+00
1415	0.0000e+00	0.0000e+00	2.3619e-03	-1.7711e-05	-1.0706e-05	0.0000e+00
1416	0.0000e+00	0.0000e+00	-3.3223e-03	-2.3712e-05	1.1679e-05	0.0000e+00
1417	0.0000e+00	0.0000e+00	-4.1148e-03	-1.1022e-05	1.3977e-05	0.0000e+00
1418	0.0000e+00	0.0000e+00	-4.2162e-03	7.1968e-06	1.4352e-05	0.0000e+00
1419	0.0000e+00	0.0000e+00	-3.5967e-03	2.2221e-05	1.4096e-05	0.0000e+00
1420	0.0000e+00	0.0000e+00	-2.4884e-03	3.1774e-05	1.4237e-05	0.0000e+00
1421	0.0000e+00	0.0000e+00	-1.3781e-03	3.4959e-05	1.4749e-05	0.0000e+00
1422	0.0000e+00	0.0000e+00	1.4479e-03	3.1816e-05	-1.5403e-05	0.0000e+00
1423	0.0000e+00	0.0000e+00	2.3753e-03	2.2705e-05	-1.6014e-05	0.0000e+00
1424	0.0000e+00	0.0000e+00	3.0261e-03	8.7642e-06	-1.6484e-05	0.0000e+00
1425	0.0000e+00	0.0000e+00	3.0878e-03	-7.6381e-06	-1.6575e-05	0.0000e+00
1426	0.0000e+00	0.0000e+00	2.6219e-03	-1.8249e-05	-1.6430e-05	0.0000e+00
1427	0.0000e+00	0.0000e+00	-3.8327e-03	-3.0375e-05	1.8543e-05	0.0000e+00
1428	0.0000e+00	0.0000e+00	-4.8148e-03	-1.2040e-05	2.3519e-05	0.0000e+00
1429	0.0000e+00	0.0000e+00	-4.8953e-03	9.8644e-06	2.2273e-05	0.0000e+00
1430	0.0000e+00	0.0000e+00	-4.2116e-03	2.5091e-05	2.0330e-05	0.0000e+00
1431	0.0000e+00	0.0000e+00	-3.1012e-03	3.4207e-05	1.9193e-05	0.0000e+00
1432	0.0000e+00	0.0000e+00	-2.0976e-03	3.7198e-05	1.8948e-05	0.0000e+00
1433	0.0000e+00	0.0000e+00	2.0640e-03	3.4269e-05	-1.9425e-05	0.0000e+00
1434	0.0000e+00	0.0000e+00	2.8521e-03	2.5582e-05	-2.0503e-05	0.0000e+00
1435	0.0000e+00	0.0000e+00	3.5317e-03	1.1410e-05	-2.2060e-05	0.0000e+00
1436	0.0000e+00	0.0000e+00	3.6483e-03	-8.4440e-06	-2.3391e-05	0.0000e+00
1437	0.0000e+00	0.0000e+00	3.1418e-03	-2.4737e-05	-2.3886e-05	0.0000e+00
1438	0.0000e+00	0.0000e+00	-5.7579e-03	-1.5459e-05	2.5776e-05	0.0000e+00
1439	0.0000e+00	0.0000e+00	-5.7747e-03	9.2093e-06	2.4150e-05	0.0000e+00
1440	0.0000e+00	0.0000e+00	-5.0257e-03	2.5162e-05	2.2792e-05	0.0000e+00
1441	0.0000e+00	0.0000e+00	-3.9136e-03	3.4363e-05	2.1975e-05	0.0000e+00
1442	0.0000e+00	0.0000e+00	-2.9828e-03	3.7325e-05	2.1896e-05	0.0000e+00
1443	0.0000e+00	0.0000e+00	2.8971e-03	3.4359e-05	2.2647e-05	0.0000e+00
1444	0.0000e+00	0.0000e+00	3.5713e-03	2.5524e-05	-2.4273e-05	0.0000e+00
1445	0.0000e+00	0.0000e+00	4.2650e-03	1.0916e-05	-2.6868e-05	0.0000e+00
1446	0.0000e+00	0.0000e+00	4.4805e-03	-1.3380e-05	-3.0777e-05	0.0000e+00
1447	0.0000e+00	0.0000e+00	-3.4154e-04	-3.4976e-05	-2.7114e-05	0.0000e+00
1448	0.0000e+00	0.0000e+00	-7.8264e-04	-1.9457e-06	-1.7455e-05	0.0000e+00
1449	0.0000e+00	0.0000e+00	-5.1375e-04	1.2394e-05	-9.1653e-06	0.0000e+00
1450	0.0000e+00	0.0000e+00	1.3519e-04	1.3262e-05	-3.4882e-06	0.0000e+00
1451	0.0000e+00	0.0000e+00	4.2135e-04	5.4480e-06	4.5064e-06	0.0000e+00
1452	0.0000e+00	0.0000e+00	3.0685e-04	-1.3630e-05	9.4568e-06	0.0000e+00
1453	0.0000e+00	0.0000e+00	-8.4728e-04	-4.0309e-05	1.5251e-05	0.0000e+00
1454	0.0000e+00	0.0000e+00	-3.1623e-03	-7.8500e-05	2.1876e-05	0.0000e+00
1455	0.0000e+00	0.0000e+00	-7.3170e-03	-1.3259e-04	2.7889e-05	0.0000e+00
1456	0.0000e+00	0.0000e+00	-1.3940e-02	-1.9703e-04	1.5440e-05	0.0000e+00
1457	0.0000e+00	0.0000e+00	9.0902e-04	-2.8525e-05	-1.5700e-05	0.0000e+00
1458	0.0000e+00	0.0000e+00	4.5587e-04	-9.0081e-06	-1.6907e-05	0.0000e+00
1459	0.0000e+00	0.0000e+00	3.6335e-04	4.4820e-06	-1.0987e-05	0.0000e+00
1460	0.0000e+00	0.0000e+00	2.9362e-04	6.1268e-06	-4.7086e-06	0.0000e+00
1461	0.0000e+00	0.0000e+00	2.6085e-04	-4.4480e-06	6.0894e-06	0.0000e+00
1462	0.0000e+00	0.0000e+00	-2.0577e-04	-2.0613e-05	1.2574e-05	0.0000e+00
1463	0.0000e+00	0.0000e+00	-1.5427e-03	-4.7596e-05	1.9405e-05	0.0000e+00
1464	0.0000e+00	0.0000e+00	-4.1577e-03	-8.4716e-05	2.5183e-05	0.0000e+00
1465	0.0000e+00	0.0000e+00	-8.4259e-03	-1.2978e-04	2.5996e-05	0.0000e+00
1466	0.0000e+00	0.0000e+00	-1.4505e-02	-1.7230e-04	1.5964e-05	0.0000e+00
1467	0.0000e+00	0.0000e+00	1.4092e-03	-2.0759e-05	-9.3883e-06	0.0000e+00
1468	0.0000e+00	0.0000e+00	8.8175e-04	-1.1106e-05	-1.0821e-05	0.0000e+00

1469	0.0000e+00	0.0000e+00	6.5040e-04	-4.3632e-06	-8.1595e-06	0.0000e+00
1470	0.0000e+00	0.0000e+00	4.9378e-04	-4.3933e-06	-5.9265e-06	0.0000e+00
1471	0.0000e+00	0.0000e+00	3.0228e-04	-1.1399e-05	9.3006e-06	0.0000e+00
1472	0.0000e+00	0.0000e+00	-7.9239e-04	-2.8239e-05	1.5224e-05	0.0000e+00
1473	0.0000e+00	0.0000e+00	-2.3961e-03	-5.4316e-05	2.1116e-05	0.0000e+00
1474	0.0000e+00	0.0000e+00	-5.2247e-03	-8.8191e-05	2.5328e-05	0.0000e+00
1475	0.0000e+00	0.0000e+00	-9.5027e-03	-1.2570e-04	2.5445e-05	0.0000e+00
1476	0.0000e+00	0.0000e+00	-1.5213e-02	-1.5799e-04	1.9648e-05	0.0000e+00
1477	0.0000e+00	0.0000e+00	1.7414e-03	-1.7450e-05	-1.0334e-05	0.0000e+00
1478	0.0000e+00	0.0000e+00	1.2768e-03	-1.2345e-05	-1.0070e-05	0.0000e+00
1479	0.0000e+00	0.0000e+00	9.8703e-04	-8.4828e-06	-9.7955e-06	0.0000e+00
1480	0.0000e+00	0.0000e+00	7.6657e-04	-9.7642e-06	1.0804e-05	0.0000e+00
1481	0.0000e+00	0.0000e+00	-7.3617e-04	-1.8080e-05	1.3883e-05	0.0000e+00
1482	0.0000e+00	0.0000e+00	-1.5083e-03	-3.4798e-05	1.8192e-05	0.0000e+00
1483	0.0000e+00	0.0000e+00	-3.3157e-03	-5.9679e-05	2.2478e-05	0.0000e+00
1484	0.0000e+00	0.0000e+00	-6.2993e-03	-9.0896e-05	2.5598e-05	0.0000e+00
1485	0.0000e+00	0.0000e+00	-1.0601e-02	-1.2407e-04	2.6619e-05	0.0000e+00
1486	0.0000e+00	0.0000e+00	-1.6142e-02	-1.5128e-04	2.4800e-05	0.0000e+00
1487	0.0000e+00	0.0000e+00	2.0765e-03	-1.8437e-05	1.6827e-05	0.0000e+00
1488	0.0000e+00	0.0000e+00	1.6862e-03	-1.4068e-05	1.6922e-05	0.0000e+00
1489	0.0000e+00	0.0000e+00	1.4346e-03	-1.1584e-05	1.6788e-05	0.0000e+00
1490	0.0000e+00	0.0000e+00	1.2795e-03	-1.4145e-05	1.7355e-05	0.0000e+00
1491	0.0000e+00	0.0000e+00	-1.4373e-03	-2.3228e-05	1.9098e-05	0.0000e+00
1492	0.0000e+00	0.0000e+00	-2.3625e-03	-3.9839e-05	2.1736e-05	0.0000e+00
1493	0.0000e+00	0.0000e+00	-4.2990e-03	-6.3779e-05	2.4479e-05	0.0000e+00
1494	0.0000e+00	0.0000e+00	-7.3921e-03	-9.3531e-05	2.6647e-05	0.0000e+00
1495	0.0000e+00	0.0000e+00	-1.1757e-02	-1.2525e-04	2.8420e-05	0.0000e+00
1496	0.0000e+00	0.0000e+00	-1.7311e-02	-1.5093e-04	3.0008e-05	0.0000e+00
1497	0.0000e+00	0.0000e+00	2.6395e-03	-2.1989e-05	2.5964e-05	0.0000e+00
1498	0.0000e+00	0.0000e+00	2.3675e-03	-1.5247e-05	2.5238e-05	0.0000e+00
1499	0.0000e+00	0.0000e+00	2.1874e-03	-1.3471e-05	2.3865e-05	0.0000e+00
1500	0.0000e+00	0.0000e+00	-2.1075e-03	-1.7093e-05	2.3298e-05	0.0000e+00
1501	0.0000e+00	0.0000e+00	-2.3710e-03	-2.6826e-05	2.3872e-05	0.0000e+00
1502	0.0000e+00	0.0000e+00	-3.3686e-03	-4.3385e-05	2.5341e-05	0.0000e+00
1503	0.0000e+00	0.0000e+00	-5.3671e-03	-6.6578e-05	2.7074e-05	0.0000e+00
1504	0.0000e+00	0.0000e+00	-8.5208e-03	-9.5509e-05	2.8486e-05	0.0000e+00
1505	0.0000e+00	0.0000e+00	-1.2958e-02	-1.2797e-04	3.0027e-05	0.0000e+00
1506	0.0000e+00	0.0000e+00	-1.8675e-02	-1.5664e-04	3.4038e-05	0.0000e+00
1507	0.0000e+00	0.0000e+00	3.6534e-03	-2.7398e-05	3.2637e-05	0.0000e+00
1508	0.0000e+00	0.0000e+00	3.4287e-03	-1.9201e-05	2.9765e-05	0.0000e+00
1509	0.0000e+00	0.0000e+00	-3.2453e-03	-1.7814e-05	2.7829e-05	0.0000e+00
1510	0.0000e+00	0.0000e+00	-3.1787e-03	-2.2000e-05	2.6842e-05	0.0000e+00
1511	0.0000e+00	0.0000e+00	-3.4778e-03	-3.2125e-05	2.6780e-05	0.0000e+00
1512	0.0000e+00	0.0000e+00	-4.4982e-03	-4.8604e-05	2.7513e-05	0.0000e+00
1513	0.0000e+00	0.0000e+00	-6.5183e-03	-7.1203e-05	2.8845e-05	0.0000e+00
1514	0.0000e+00	0.0000e+00	-9.7041e-03	-9.9362e-05	3.0664e-05	0.0000e+00
1515	0.0000e+00	0.0000e+00	-1.4194e-02	-1.3246e-04	3.3118e-05	0.0000e+00
1516	0.0000e+00	0.0000e+00	8.0205e-04	-4.2671e-05	-2.6786e-05	0.0000e+00
1517	0.0000e+00	0.0000e+00	-2.7172e-04	-8.0009e-06	-1.6537e-05	0.0000e+00
1518	0.0000e+00	0.0000e+00	-2.9278e-04	5.4412e-06	-6.6267e-06	0.0000e+00
1519	0.0000e+00	0.0000e+00	2.3718e-04	5.6618e-06	4.8640e-06	0.0000e+00
1520	0.0000e+00	0.0000e+00	2.0024e-04	-7.4697e-06	1.4292e-05	0.0000e+00
1521	0.0000e+00	0.0000e+00	-8.3956e-04	-4.1557e-05	2.4547e-05	0.0000e+00
1522	0.0000e+00	0.0000e+00	1.5476e-03	-3.5543e-05	-1.2319e-05	0.0000e+00
1523	0.0000e+00	0.0000e+00	5.1472e-04	-1.7221e-05	-1.3376e-05	0.0000e+00
1524	0.0000e+00	0.0000e+00	1.3771e-04	-5.6792e-06	-6.3169e-06	0.0000e+00
1525	0.0000e+00	0.0000e+00	-1.4044e-04	-5.5259e-06	4.7646e-06	0.0000e+00
1526	0.0000e+00	0.0000e+00	-5.1157e-04	-1.6770e-05	1.1765e-05	0.0000e+00
1527	0.0000e+00	0.0000e+00	-1.5282e-03	-3.5146e-05	1.1156e-05	0.0000e+00
1528	0.0000e+00	0.0000e+00	1.8972e-03	-2.7812e-05	-6.4327e-06	0.0000e+00
1529	0.0000e+00	0.0000e+00	9.3488e-04	-1.9869e-05	-8.1469e-06	0.0000e+00
1530	0.0000e+00	0.0000e+00	2.8981e-04	-1.3401e-05	-5.2082e-06	0.0000e+00
1531	0.0000e+00	0.0000e+00	-2.2329e-04	-1.3356e-05	3.8705e-06	0.0000e+00
1532	0.0000e+00	0.0000e+00	-8.6501e-04	-1.9797e-05	6.4085e-06	0.0000e+00
1533	0.0000e+00	0.0000e+00	-1.8271e-03	-2.7924e-05	5.0107e-06	0.0000e+00
1534	0.0000e+00	0.0000e+00	2.1064e-03	-2.4568e-05	-6.6118e-06	0.0000e+00
1535	0.0000e+00	0.0000e+00	1.1966e-03	-2.0830e-05	-6.9103e-06	0.0000e+00
1536	0.0000e+00	0.0000e+00	4.8105e-04	-1.7150e-05	-6.1863e-06	0.0000e+00
1537	0.0000e+00	0.0000e+00	-3.3151e-04	-1.7245e-05	5.3684e-06	0.0000e+00
1538	0.0000e+00	0.0000e+00	-1.0266e-03	-2.1127e-05	5.0621e-06	0.0000e+00
1539	0.0000e+00	0.0000e+00	-1.9498e-03	-2.5085e-05	4.5838e-06	0.0000e+00
1540	0.0000e+00	0.0000e+00	2.3340e-03	-2.5344e-05	-9.9075e-06	0.0000e+00

1541	0.0000e+00	0.0000e+00	1.4320e-03	-2.1550e-05	-9.5224e-06	0.0000e+00
1542	0.0000e+00	0.0000e+00	7.6077e-04	-1.8227e-05	9.3080e-06	0.0000e+00
1543	0.0000e+00	0.0000e+00	-5.5038e-04	-1.8447e-05	8.9337e-06	0.0000e+00
1544	0.0000e+00	0.0000e+00	-1.0992e-03	-2.2189e-05	8.3294e-06	0.0000e+00
1545	0.0000e+00	0.0000e+00	-2.0115e-03	-2.6274e-05	7.4006e-06	0.0000e+00
1546	0.0000e+00	0.0000e+00	2.6664e-03	-2.8608e-05	1.4896e-05	0.0000e+00
1547	0.0000e+00	0.0000e+00	1.7803e-03	-2.1447e-05	1.4169e-05	0.0000e+00
1548	0.0000e+00	0.0000e+00	1.2165e-03	-1.7404e-05	1.3619e-05	0.0000e+00
1549	0.0000e+00	0.0000e+00	-9.7805e-04	-1.7676e-05	-1.3309e-05	0.0000e+00
1550	0.0000e+00	0.0000e+00	-1.2403e-03	-2.2291e-05	-1.3134e-05	0.0000e+00
1551	0.0000e+00	0.0000e+00	-2.0620e-03	-3.0011e-05	-1.2274e-05	0.0000e+00
1552	0.0000e+00	0.0000e+00	3.2615e-03	-3.3839e-05	-2.2865e-05	0.0000e+00
1553	0.0000e+00	0.0000e+00	2.4005e-03	-2.3998e-05	-1.9779e-05	0.0000e+00
1554	0.0000e+00	0.0000e+00	1.8851e-03	-1.9281e-05	-1.7924e-05	0.0000e+00
1555	0.0000e+00	0.0000e+00	-1.6165e-03	-1.9403e-05	1.6913e-05	0.0000e+00
1556	0.0000e+00	0.0000e+00	-1.6631e-03	-2.4420e-05	1.6569e-05	0.0000e+00
1557	0.0000e+00	0.0000e+00	-2.2572e-03	-3.4705e-05	1.6899e-05	0.0000e+00
1558	0.0000e+00	0.0000e+00	8.3827e-04	-4.1547e-05	-2.4577e-05	0.0000e+00
1559	0.0000e+00	0.0000e+00	-2.0686e-04	-7.4587e-06	-1.4324e-05	0.0000e+00
1560	0.0000e+00	0.0000e+00	-2.4344e-04	5.6720e-06	-4.8956e-06	0.0000e+00
1561	0.0000e+00	0.0000e+00	2.9688e-04	5.4537e-06	6.6106e-06	0.0000e+00
1562	0.0000e+00	0.0000e+00	2.7559e-04	-7.9902e-06	1.6517e-05	0.0000e+00
1563	0.0000e+00	0.0000e+00	-8.0288e-04	-4.2662e-05	2.6768e-05	0.0000e+00
1564	0.0000e+00	0.0000e+00	1.5275e-03	-3.5137e-05	-1.1203e-05	0.0000e+00
1565	0.0000e+00	0.0000e+00	5.1198e-04	-1.6760e-05	-1.1813e-05	0.0000e+00
1566	0.0000e+00	0.0000e+00	1.4418e-04	-5.5141e-06	-4.8162e-06	0.0000e+00
1567	0.0000e+00	0.0000e+00	-1.4103e-04	-5.6685e-06	6.2948e-06	0.0000e+00
1568	0.0000e+00	0.0000e+00	-5.1446e-04	-1.7213e-05	1.3344e-05	0.0000e+00
1569	0.0000e+00	0.0000e+00	-1.5464e-03	-3.5536e-05	1.2289e-05	0.0000e+00
1570	0.0000e+00	0.0000e+00	1.8283e-03	-2.7913e-05	-5.0737e-06	0.0000e+00
1571	0.0000e+00	0.0000e+00	8.6657e-04	-1.9787e-05	-6.4730e-06	0.0000e+00
1572	0.0000e+00	0.0000e+00	2.2496e-04	-1.3345e-05	-3.9303e-06	0.0000e+00
1573	0.0000e+00	0.0000e+00	-2.8690e-04	-1.3391e-05	5.1992e-06	0.0000e+00
1574	0.0000e+00	0.0000e+00	-9.3179e-04	-1.9861e-05	8.1192e-06	0.0000e+00
1575	0.0000e+00	0.0000e+00	-1.8939e-03	-2.7808e-05	6.4142e-06	0.0000e+00
1576	0.0000e+00	0.0000e+00	1.9533e-03	-2.5073e-05	-4.6390e-06	0.0000e+00
1577	0.0000e+00	0.0000e+00	1.0304e-03	-2.1116e-05	-5.1186e-06	0.0000e+00
1578	0.0000e+00	0.0000e+00	3.3394e-04	-1.7234e-05	-5.4111e-06	0.0000e+00
1579	0.0000e+00	0.0000e+00	-4.7610e-04	-1.7140e-05	6.2084e-06	0.0000e+00
1580	0.0000e+00	0.0000e+00	-1.1913e-03	-2.0823e-05	6.9236e-06	0.0000e+00
1581	0.0000e+00	0.0000e+00	-2.1009e-03	-2.4565e-05	6.6361e-06	0.0000e+00
1582	0.0000e+00	0.0000e+00	2.0177e-03	-2.6261e-05	-7.4369e-06	0.0000e+00
1583	0.0000e+00	0.0000e+00	1.1054e-03	-2.2178e-05	-8.3582e-06	0.0000e+00
1584	0.0000e+00	0.0000e+00	5.5342e-04	-1.8436e-05	-8.9678e-06	0.0000e+00
1585	0.0000e+00	0.0000e+00	-7.5640e-04	-1.8217e-05	-9.3517e-06	0.0000e+00
1586	0.0000e+00	0.0000e+00	-1.4256e-03	-2.1543e-05	9.5770e-06	0.0000e+00
1587	0.0000e+00	0.0000e+00	-2.3271e-03	-2.5343e-05	9.9657e-06	0.0000e+00
1588	0.0000e+00	0.0000e+00	2.0709e-03	-2.9998e-05	1.2296e-05	0.0000e+00
1589	0.0000e+00	0.0000e+00	1.2482e-03	-2.2279e-05	1.3158e-05	0.0000e+00
1590	0.0000e+00	0.0000e+00	9.8150e-04	-1.7665e-05	1.3347e-05	0.0000e+00
1591	0.0000e+00	0.0000e+00	-1.2146e-03	-1.7394e-05	-1.3674e-05	0.0000e+00
1592	0.0000e+00	0.0000e+00	-1.7754e-03	-2.1440e-05	-1.4242e-05	0.0000e+00
1593	0.0000e+00	0.0000e+00	-2.6600e-03	-2.8608e-05	-1.4982e-05	0.0000e+00
1594	0.0000e+00	0.0000e+00	2.2679e-03	-3.4688e-05	-1.6938e-05	0.0000e+00
1595	0.0000e+00	0.0000e+00	1.6716e-03	-2.4406e-05	-1.6612e-05	0.0000e+00
1596	0.0000e+00	0.0000e+00	1.6210e-03	-1.9393e-05	-1.6963e-05	0.0000e+00
1597	0.0000e+00	0.0000e+00	-1.8863e-03	-1.9277e-05	1.7983e-05	0.0000e+00
1598	0.0000e+00	0.0000e+00	-2.3993e-03	-2.4000e-05	1.9849e-05	0.0000e+00
1599	0.0000e+00	0.0000e+00	-3.2585e-03	-3.3851e-05	2.2946e-05	0.0000e+00
1600	0.0000e+00	0.0000e+00	-8.6977e-04	-2.9839e-05	-2.8763e-05	0.0000e+00
1601	0.0000e+00	0.0000e+00	-1.2738e-03	7.5086e-06	-1.7319e-05	0.0000e+00
1602	0.0000e+00	0.0000e+00	-5.4273e-04	2.4527e-05	-8.3806e-06	0.0000e+00
1603	0.0000e+00	0.0000e+00	6.7539e-04	3.0211e-05	-1.0586e-06	0.0000e+00
1604	0.0000e+00	0.0000e+00	1.9299e-03	2.6365e-05	6.5835e-06	0.0000e+00
1605	0.0000e+00	0.0000e+00	2.7696e-03	1.0506e-05	1.6268e-05	0.0000e+00
1606	0.0000e+00	0.0000e+00	2.4902e-03	-2.7386e-05	2.9143e-05	0.0000e+00
1607	0.0000e+00	0.0000e+00	-3.0193e-06	-7.4071e-05	-2.7502e-08	0.0000e+00
1608	0.0000e+00	0.0000e+00	6.4112e-05	-2.5613e-05	-1.6860e-05	0.0000e+00
1609	0.0000e+00	0.0000e+00	-4.9392e-04	-8.7123e-07	-1.7242e-05	0.0000e+00
1610	0.0000e+00	0.0000e+00	-1.3126e-04	1.5766e-05	-9.9286e-06	0.0000e+00
1611	0.0000e+00	0.0000e+00	7.2002e-04	2.1588e-05	-1.2176e-06	0.0000e+00
1612	0.0000e+00	0.0000e+00	1.5959e-03	1.7014e-05	7.9091e-06	0.0000e+00

1613	0.0000e+00	0.0000e+00	2.0305e-03	9.7592e-07	1.6155e-05	0.0000e+00
1614	0.0000e+00	0.0000e+00	1.5408e-03	-2.4581e-05	1.7082e-05	0.0000e+00
1615	0.0000e+00	0.0000e+00	-1.7883e-06	-4.1993e-05	-2.9184e-08	0.0000e+00
1616	0.0000e+00	0.0000e+00	5.9729e-04	-1.8036e-05	-9.4210e-06	0.0000e+00
1617	0.0000e+00	0.0000e+00	1.1906e-04	-3.4730e-06	-1.1579e-05	0.0000e+00
1618	0.0000e+00	0.0000e+00	2.5884e-04	8.8463e-06	-7.9213e-06	0.0000e+00
1619	0.0000e+00	0.0000e+00	7.8158e-04	1.3632e-05	-1.8316e-06	0.0000e+00
1620	0.0000e+00	0.0000e+00	1.3190e-03	9.4734e-06	4.6713e-06	0.0000e+00
1621	0.0000e+00	0.0000e+00	1.4902e-03	-2.7731e-06	9.1680e-06	0.0000e+00
1622	0.0000e+00	0.0000e+00	1.0261e-03	-1.8223e-05	8.1874e-06	0.0000e+00
1623	0.0000e+00	0.0000e+00	-6.4045e-07	-2.6231e-05	-2.9421e-08	0.0000e+00
1624	0.0000e+00	0.0000e+00	8.9822e-04	-1.3898e-05	-5.2192e-06	0.0000e+00
1625	0.0000e+00	0.0000e+00	4.9726e-04	-3.9624e-06	-6.4456e-06	0.0000e+00
1626	0.0000e+00	0.0000e+00	5.4033e-04	5.2893e-06	-5.3560e-06	0.0000e+00
1627	0.0000e+00	0.0000e+00	8.7726e-04	8.9537e-06	-2.7842e-06	0.0000e+00
1628	0.0000e+00	0.0000e+00	1.2173e-03	5.3789e-06	5.6085e-07	0.0000e+00
1629	0.0000e+00	0.0000e+00	1.2587e-03	-4.2427e-06	2.0013e-06	0.0000e+00
1630	0.0000e+00	0.0000e+00	8.2243e-04	-1.5328e-05	1.8398e-06	0.0000e+00
1631	0.0000e+00	0.0000e+00	-9.5428e-07	-2.0541e-05	-2.8764e-08	0.0000e+00
1632	0.0000e+00	0.0000e+00	1.0582e-03	-1.3157e-05	-2.9369e-06	0.0000e+00
1633	0.0000e+00	0.0000e+00	6.8878e-04	-3.5957e-06	-3.0888e-06	0.0000e+00
1634	0.0000e+00	0.0000e+00	7.2525e-04	4.6679e-06	-3.6430e-06	0.0000e+00
1635	0.0000e+00	0.0000e+00	1.0150e-03	7.6900e-06	-3.7934e-06	0.0000e+00
1636	0.0000e+00	0.0000e+00	1.2992e-03	4.3227e-06	-3.7962e-06	0.0000e+00
1637	0.0000e+00	0.0000e+00	1.3067e-03	-4.7417e-06	-3.9629e-06	0.0000e+00
1638	0.0000e+00	0.0000e+00	8.5473e-04	-1.5843e-05	-3.2670e-06	0.0000e+00
1639	0.0000e+00	0.0000e+00	2.0908e-06	-2.1601e-05	-2.6151e-08	0.0000e+00
1640	0.0000e+00	0.0000e+00	1.1128e-03	-1.4107e-05	3.6733e-06	0.0000e+00
1641	0.0000e+00	0.0000e+00	7.6430e-04	-1.9434e-06	3.0909e-06	0.0000e+00
1642	0.0000e+00	0.0000e+00	8.5600e-04	6.3884e-06	-3.4301e-06	0.0000e+00
1643	0.0000e+00	0.0000e+00	1.1881e-03	9.0365e-06	-4.4807e-06	0.0000e+00
1644	0.0000e+00	0.0000e+00	1.5110e-03	5.7195e-06	-5.7534e-06	0.0000e+00
1645	0.0000e+00	0.0000e+00	1.5579e-03	-3.7324e-06	-7.2142e-06	0.0000e+00
1646	0.0000e+00	0.0000e+00	1.0833e-03	-1.7899e-05	-7.5191e-06	0.0000e+00
1647	0.0000e+00	0.0000e+00	3.0825e-06	-2.8365e-05	-1.6662e-08	0.0000e+00
1648	0.0000e+00	0.0000e+00	1.1969e-03	-1.7341e-05	-6.3642e-06	0.0000e+00
1649	0.0000e+00	0.0000e+00	8.7249e-04	-3.1693e-06	-5.0277e-06	0.0000e+00
1650	0.0000e+00	0.0000e+00	9.9924e-04	5.7276e-06	-4.4596e-06	0.0000e+00
1651	0.0000e+00	0.0000e+00	1.3702e-03	8.0980e-06	-4.3751e-06	0.0000e+00
1652	0.0000e+00	0.0000e+00	1.7350e-03	4.6245e-06	-4.4380e-06	0.0000e+00
1653	0.0000e+00	0.0000e+00	1.8200e-03	-5.6610e-06	-4.1873e-06	0.0000e+00
1654	0.0000e+00	0.0000e+00	1.3404e-03	-2.2461e-05	-2.9161e-06	0.0000e+00
1655	0.0000e+00	0.0000e+00	-2.4925e-03	-2.7385e-05	-2.9164e-05	0.0000e+00
1656	0.0000e+00	0.0000e+00	-2.7719e-03	1.0505e-05	-1.6290e-05	0.0000e+00
1657	0.0000e+00	0.0000e+00	-1.9322e-03	2.6363e-05	-6.6076e-06	0.0000e+00
1658	0.0000e+00	0.0000e+00	-6.7802e-04	3.0210e-05	1.0461e-06	0.0000e+00
1659	0.0000e+00	0.0000e+00	5.4073e-04	2.4526e-05	8.3589e-06	0.0000e+00
1660	0.0000e+00	0.0000e+00	1.2715e-03	7.5067e-06	1.7297e-05	0.0000e+00
1661	0.0000e+00	0.0000e+00	8.6739e-04	-2.9843e-05	2.8742e-05	0.0000e+00
1662	0.0000e+00	0.0000e+00	-1.5421e-03	-2.4580e-05	-1.7107e-05	0.0000e+00
1663	0.0000e+00	0.0000e+00	-2.0318e-03	9.7604e-07	-1.6179e-05	0.0000e+00
1664	0.0000e+00	0.0000e+00	-1.5973e-03	1.7014e-05	-7.9349e-06	0.0000e+00
1665	0.0000e+00	0.0000e+00	-7.2143e-04	2.1587e-05	1.2023e-06	0.0000e+00
1666	0.0000e+00	0.0000e+00	1.3058e-04	1.5765e-05	9.9042e-06	0.0000e+00
1667	0.0000e+00	0.0000e+00	4.9268e-04	-8.7282e-07	1.7217e-05	0.0000e+00
1668	0.0000e+00	0.0000e+00	-6.6239e-05	-2.5616e-05	1.6833e-05	0.0000e+00
1669	0.0000e+00	0.0000e+00	-1.0263e-03	-1.8223e-05	-8.2139e-06	0.0000e+00
1670	0.0000e+00	0.0000e+00	-1.4904e-03	-2.7735e-06	-9.1941e-06	0.0000e+00
1671	0.0000e+00	0.0000e+00	-1.3192e-03	9.4730e-06	-4.6985e-06	0.0000e+00
1672	0.0000e+00	0.0000e+00	-7.8179e-04	1.3632e-05	1.8134e-06	0.0000e+00
1673	0.0000e+00	0.0000e+00	-2.5906e-04	8.8463e-06	7.8965e-06	0.0000e+00
1674	0.0000e+00	0.0000e+00	-1.1928e-04	-3.4734e-06	1.1552e-05	0.0000e+00
1675	0.0000e+00	0.0000e+00	-5.9751e-04	-1.8037e-05	9.3925e-06	0.0000e+00
1676	0.0000e+00	0.0000e+00	-8.2144e-04	-1.5328e-05	-1.8670e-06	0.0000e+00
1677	0.0000e+00	0.0000e+00	-1.2577e-03	-4.2437e-06	-2.0291e-06	0.0000e+00
1678	0.0000e+00	0.0000e+00	-1.2164e-03	5.3786e-06	-5.8807e-07	0.0000e+00
1679	0.0000e+00	0.0000e+00	-8.7633e-04	8.9544e-06	2.7660e-06	0.0000e+00
1680	0.0000e+00	0.0000e+00	-5.3934e-04	5.2908e-06	5.3341e-06	0.0000e+00
1681	0.0000e+00	0.0000e+00	-4.9620e-04	-3.9609e-06	6.4214e-06	0.0000e+00
1682	0.0000e+00	0.0000e+00	-8.9711e-04	-1.3897e-05	5.1940e-06	0.0000e+00
1683	0.0000e+00	0.0000e+00	-8.5269e-04	-1.5845e-05	3.2455e-06	0.0000e+00
1684	0.0000e+00	0.0000e+00	-1.3048e-03	-4.7434e-06	3.9433e-06	0.0000e+00

1685	0.0000e+00	0.0000e+00	-1.2972e-03	4.3226e-06	3.7786e-06	0.0000e+00
1686	0.0000e+00	0.0000e+00	-1.0130e-03	7.6918e-06	3.7776e-06	0.0000e+00
1687	0.0000e+00	0.0000e+00	-7.2324e-04	4.6713e-06	3.6294e-06	0.0000e+00
1688	0.0000e+00	0.0000e+00	-6.8664e-04	-3.5918e-06	3.0800e-06	0.0000e+00
1689	0.0000e+00	0.0000e+00	-1.0559e-03	-1.3154e-05	2.9309e-06	0.0000e+00
1690	0.0000e+00	0.0000e+00	-1.0804e-03	-1.7902e-05	7.5037e-06	0.0000e+00
1691	0.0000e+00	0.0000e+00	-1.5551e-03	-3.7344e-06	7.1992e-06	0.0000e+00
1692	0.0000e+00	0.0000e+00	-1.5082e-03	5.7206e-06	5.7391e-06	0.0000e+00
1693	0.0000e+00	0.0000e+00	-1.1854e-03	9.0399e-06	4.4690e-06	0.0000e+00
1694	0.0000e+00	0.0000e+00	-8.5325e-04	6.3940e-06	3.4265e-06	0.0000e+00
1695	0.0000e+00	0.0000e+00	-7.6149e-04	-1.9386e-06	-3.1045e-06	0.0000e+00
1696	0.0000e+00	0.0000e+00	-1.1096e-03	-1.4100e-05	-3.6960e-06	0.0000e+00
1697	0.0000e+00	0.0000e+00	-1.3371e-03	-2.2461e-05	2.9130e-06	0.0000e+00
1698	0.0000e+00	0.0000e+00	-1.8168e-03	-5.6609e-06	4.1806e-06	0.0000e+00
1699	0.0000e+00	0.0000e+00	-1.7317e-03	4.6286e-06	4.4304e-06	0.0000e+00
1700	0.0000e+00	0.0000e+00	-1.3669e-03	8.1034e-06	4.3692e-06	0.0000e+00
1701	0.0000e+00	0.0000e+00	-9.9614e-04	5.7347e-06	4.4579e-06	0.0000e+00
1702	0.0000e+00	0.0000e+00	-8.6962e-04	-3.1658e-06	5.0304e-06	0.0000e+00
1703	0.0000e+00	0.0000e+00	-1.1936e-03	-1.7335e-05	6.3690e-06	0.0000e+00
1704	0.0000e+00	0.0000e+00	2.2683e-02	-1.9082e-04	1.3370e-05	0.0000e+00
1705	0.0000e+00	0.0000e+00	2.2337e-02	-1.7522e-04	6.5839e-06	0.0000e+00
1706	0.0000e+00	0.0000e+00	2.2402e-02	-1.6156e-04	-8.7191e-06	0.0000e+00
1707	0.0000e+00	0.0000e+00	2.2992e-02	-1.5407e-04	-2.0689e-05	0.0000e+00
1708	0.0000e+00	0.0000e+00	2.4099e-02	-1.5252e-04	-3.2368e-05	0.0000e+00
1709	0.0000e+00	0.0000e+00	2.5628e-02	-1.5499e-04	-4.1254e-05	0.0000e+00
1710	0.0000e+00	0.0000e+00	-2.2709e-02	-1.9096e-04	-1.2855e-05	0.0000e+00
1711	0.0000e+00	0.0000e+00	-2.2372e-02	-1.7539e-04	-5.8584e-06	0.0000e+00
1712	0.0000e+00	0.0000e+00	-2.2449e-02	-1.6174e-04	8.5854e-06	0.0000e+00
1713	0.0000e+00	0.0000e+00	-2.3052e-02	-1.5429e-04	2.0754e-05	0.0000e+00
1714	0.0000e+00	0.0000e+00	-2.4170e-02	-1.5277e-04	3.2419e-05	0.0000e+00
1715	0.0000e+00	0.0000e+00	-2.5709e-02	-1.5525e-04	4.1230e-05	0.0000e+00
1716	0.0000e+00	0.0000e+00	-2.3691e-02	-1.3738e-04	-6.3152e-05	0.0000e+00
1717	0.0000e+00	0.0000e+00	-2.1294e-02	-1.2848e-04	-5.5741e-05	0.0000e+00
1718	0.0000e+00	0.0000e+00	-1.9347e-02	-1.2184e-04	-4.4474e-05	0.0000e+00
1719	0.0000e+00	0.0000e+00	-1.7993e-02	-1.1936e-04	-3.2223e-05	0.0000e+00
1720	0.0000e+00	0.0000e+00	-1.7303e-02	-1.2163e-04	-2.2131e-05	0.0000e+00
1721	0.0000e+00	0.0000e+00	-1.7301e-02	-1.2923e-04	2.0494e-05	0.0000e+00
1722	0.0000e+00	0.0000e+00	-1.7981e-02	-1.4285e-04	2.8944e-05	0.0000e+00
1723	0.0000e+00	0.0000e+00	-1.9304e-02	-1.6275e-04	4.0690e-05	0.0000e+00
1724	0.0000e+00	0.0000e+00	-2.1136e-02	-1.8483e-04	4.9036e-05	0.0000e+00
1725	0.0000e+00	0.0000e+00	2.3440e-02	-1.3724e-04	6.1431e-05	0.0000e+00
1726	0.0000e+00	0.0000e+00	2.1108e-02	-1.2832e-04	5.4146e-05	0.0000e+00
1727	0.0000e+00	0.0000e+00	1.9215e-02	-1.2169e-04	4.3034e-05	0.0000e+00
1728	0.0000e+00	0.0000e+00	1.7906e-02	-1.1922e-04	3.0956e-05	0.0000e+00
1729	0.0000e+00	0.0000e+00	1.7248e-02	-1.2149e-04	2.1113e-05	0.0000e+00
1730	0.0000e+00	0.0000e+00	1.7266e-02	-1.2911e-04	-2.0002e-05	0.0000e+00
1731	0.0000e+00	0.0000e+00	1.7958e-02	-1.4274e-04	-2.8822e-05	0.0000e+00
1732	0.0000e+00	0.0000e+00	1.9287e-02	-1.6264e-04	-4.0656e-05	0.0000e+00
1733	0.0000e+00	0.0000e+00	2.1120e-02	-1.8472e-04	-4.9007e-05	0.0000e+00
1734	0.0000e+00	0.0000e+00	1.5487e-02	-1.3280e-04	-3.3002e-05	0.0000e+00
1735	0.0000e+00	0.0000e+00	1.0943e-02	-9.9713e-05	-3.0585e-05	0.0000e+00
1736	0.0000e+00	0.0000e+00	7.7388e-03	-7.0949e-05	-2.8621e-05	0.0000e+00
1737	0.0000e+00	0.0000e+00	5.7268e-03	-4.8059e-05	-2.7377e-05	0.0000e+00
1738	0.0000e+00	0.0000e+00	4.7050e-03	-3.1556e-05	-2.6771e-05	0.0000e+00
1739	0.0000e+00	0.0000e+00	4.3813e-03	-2.1749e-05	-2.6818e-05	0.0000e+00
1740	0.0000e+00	0.0000e+00	4.4338e-03	-1.8169e-05	-2.7504e-05	0.0000e+00
1741	0.0000e+00	0.0000e+00	-4.6301e-03	-1.9957e-05	-2.8657e-05	0.0000e+00
1742	0.0000e+00	0.0000e+00	-4.8707e-03	-2.7481e-05	-2.9624e-05	0.0000e+00
1743	0.0000e+00	0.0000e+00	-5.3290e-03	-1.4723e-05	-3.0637e-05	0.0000e+00
1744	0.0000e+00	0.0000e+00	-5.0281e-03	1.3952e-05	-2.7151e-05	0.0000e+00
1745	0.0000e+00	0.0000e+00	-4.3536e-03	2.8805e-05	-2.4415e-05	0.0000e+00
1746	0.0000e+00	0.0000e+00	-3.7758e-03	3.8105e-05	-2.2653e-05	0.0000e+00
1747	0.0000e+00	0.0000e+00	3.9018e-03	4.1341e-05	-2.1770e-05	0.0000e+00
1748	0.0000e+00	0.0000e+00	4.7843e-03	3.8468e-05	-2.1654e-05	0.0000e+00
1749	0.0000e+00	0.0000e+00	5.8734e-03	2.9056e-05	-2.2097e-05	0.0000e+00
1750	0.0000e+00	0.0000e+00	6.6225e-03	1.2241e-05	-2.2696e-05	0.0000e+00
1751	0.0000e+00	0.0000e+00	6.5951e-03	-1.2687e-05	-2.2752e-05	0.0000e+00
1752	0.0000e+00	0.0000e+00	1.6029e-02	-1.2624e-04	4.1357e-05	0.0000e+00
1753	0.0000e+00	0.0000e+00	1.1878e-02	-9.7949e-05	3.7718e-05	0.0000e+00
1754	0.0000e+00	0.0000e+00	8.6849e-03	-7.4231e-05	3.3339e-05	0.0000e+00
1755	0.0000e+00	0.0000e+00	6.2411e-03	-5.6152e-05	2.9158e-05	0.0000e+00
1756	0.0000e+00	0.0000e+00	4.3500e-03	-4.3312e-05	2.5396e-05	0.0000e+00

1757	0.0000e+00	0.0000e+00	2.8710e-03	-3.4482e-05	2.2183e-05	0.0000e+00
1758	0.0000e+00	0.0000e+00	1.7494e-03	-2.8301e-05	1.9691e-05	0.0000e+00
1759	0.0000e+00	0.0000e+00	-1.1497e-03	-2.5474e-05	1.8296e-05	0.0000e+00
1760	0.0000e+00	0.0000e+00	-1.5714e-03	-2.9911e-05	1.8380e-05	0.0000e+00
1761	0.0000e+00	0.0000e+00	-3.7286e-03	-1.1551e-05	1.4680e-05	0.0000e+00
1762	0.0000e+00	0.0000e+00	-3.6610e-03	1.4837e-05	-1.1501e-05	0.0000e+00
1763	0.0000e+00	0.0000e+00	-2.7688e-03	3.0403e-05	-8.5738e-06	0.0000e+00
1764	0.0000e+00	0.0000e+00	-1.5336e-03	3.9508e-05	6.2878e-06	0.0000e+00
1765	0.0000e+00	0.0000e+00	1.4287e-03	4.2386e-05	5.6926e-06	0.0000e+00
1766	0.0000e+00	0.0000e+00	2.8478e-03	3.9132e-05	6.9231e-06	0.0000e+00
1767	0.0000e+00	0.0000e+00	4.2530e-03	2.9377e-05	8.4637e-06	0.0000e+00
1768	0.0000e+00	0.0000e+00	5.1162e-03	1.2575e-05	9.0899e-06	0.0000e+00
1769	0.0000e+00	0.0000e+00	5.0553e-03	-1.4265e-05	8.5773e-06	0.0000e+00
1770	0.0000e+00	0.0000e+00	-4.8852e-03	-1.5430e-05	-8.8560e-06	0.0000e+00
1771	0.0000e+00	0.0000e+00	-5.0258e-03	9.4206e-06	-1.0437e-05	0.0000e+00
1772	0.0000e+00	0.0000e+00	-4.2447e-03	2.6236e-05	-9.6965e-06	0.0000e+00
1773	0.0000e+00	0.0000e+00	-2.8822e-03	3.5875e-05	-7.5181e-06	0.0000e+00
1774	0.0000e+00	0.0000e+00	-1.2442e-03	3.9231e-05	-4.8489e-06	0.0000e+00
1775	0.0000e+00	0.0000e+00	5.1035e-04	3.6735e-05	-2.9206e-06	0.0000e+00
1776	0.0000e+00	0.0000e+00	1.8953e-03	2.8316e-05	3.1535e-06	0.0000e+00
1777	0.0000e+00	0.0000e+00	2.8071e-03	1.3448e-05	3.7689e-06	0.0000e+00
1778	0.0000e+00	0.0000e+00	2.9148e-03	-8.1356e-06	3.2722e-06	0.0000e+00
1779	0.0000e+00	0.0000e+00	-4.9701e-03	-1.7245e-05	1.4419e-05	0.0000e+00
1780	0.0000e+00	0.0000e+00	-5.0557e-03	1.0014e-05	1.2352e-05	0.0000e+00
1781	0.0000e+00	0.0000e+00	-4.2745e-03	2.6190e-05	1.0613e-05	0.0000e+00
1782	0.0000e+00	0.0000e+00	-2.9550e-03	3.6011e-05	9.0412e-06	0.0000e+00
1783	0.0000e+00	0.0000e+00	-1.5183e-03	3.9567e-05	7.7959e-06	0.0000e+00
1784	0.0000e+00	0.0000e+00	1.2253e-03	3.7208e-05	7.1189e-06	0.0000e+00
1785	0.0000e+00	0.0000e+00	2.3237e-03	2.8875e-05	-7.0238e-06	0.0000e+00
1786	0.0000e+00	0.0000e+00	3.1903e-03	1.4088e-05	-7.0277e-06	0.0000e+00
1787	0.0000e+00	0.0000e+00	3.3111e-03	-7.3492e-06	6.5221e-06	0.0000e+00
1788	0.0000e+00	0.0000e+00	-3.3066e-03	-7.3422e-06	-6.5330e-06	0.0000e+00
1789	0.0000e+00	0.0000e+00	-3.1856e-03	1.4094e-05	7.0347e-06	0.0000e+00
1790	0.0000e+00	0.0000e+00	-2.3192e-03	2.8883e-05	7.0328e-06	0.0000e+00
1791	0.0000e+00	0.0000e+00	-1.2239e-03	3.7220e-05	-7.1349e-06	0.0000e+00
1792	0.0000e+00	0.0000e+00	1.5250e-03	3.9583e-05	-7.8203e-06	0.0000e+00
1793	0.0000e+00	0.0000e+00	2.9633e-03	3.6032e-05	-9.0721e-06	0.0000e+00
1794	0.0000e+00	0.0000e+00	4.2839e-03	2.6215e-05	-1.0648e-05	0.0000e+00
1795	0.0000e+00	0.0000e+00	5.0662e-03	1.0041e-05	-1.2386e-05	0.0000e+00
1796	0.0000e+00	0.0000e+00	4.9817e-03	-1.7225e-05	-1.4448e-05	0.0000e+00
1797	0.0000e+00	0.0000e+00	-2.8161e-03	-8.1921e-06	-2.5144e-06	0.0000e+00
1798	0.0000e+00	0.0000e+00	-2.7129e-03	1.3394e-05	-3.0082e-06	0.0000e+00
1799	0.0000e+00	0.0000e+00	-1.8038e-03	2.8309e-05	-2.4709e-06	0.0000e+00
1800	0.0000e+00	0.0000e+00	-4.3316e-04	3.6786e-05	2.6490e-06	0.0000e+00
1801	0.0000e+00	0.0000e+00	1.3405e-03	3.9346e-05	4.9651e-06	0.0000e+00
1802	0.0000e+00	0.0000e+00	2.9858e-03	3.6056e-05	7.7522e-06	0.0000e+00
1803	0.0000e+00	0.0000e+00	4.3575e-03	2.6473e-05	9.9557e-06	0.0000e+00
1804	0.0000e+00	0.0000e+00	5.1499e-03	9.6976e-06	1.0655e-05	0.0000e+00
1805	0.0000e+00	0.0000e+00	5.0220e-03	-1.5157e-05	8.8966e-06	0.0000e+00
1806	0.0000e+00	0.0000e+00	-4.9512e-03	-1.4518e-05	-8.1050e-06	0.0000e+00
1807	0.0000e+00	0.0000e+00	-5.0408e-03	1.1461e-05	-8.7252e-06	0.0000e+00
1808	0.0000e+00	0.0000e+00	-4.2095e-03	2.8402e-05	-8.2612e-06	0.0000e+00
1809	0.0000e+00	0.0000e+00	-2.8318e-03	3.8165e-05	-6.8860e-06	0.0000e+00
1810	0.0000e+00	0.0000e+00	-1.4026e-03	4.1436e-05	-5.8245e-06	0.0000e+00
1811	0.0000e+00	0.0000e+00	1.4147e-03	3.8611e-05	-6.5396e-06	0.0000e+00
1812	0.0000e+00	0.0000e+00	2.6126e-03	2.9633e-05	8.9302e-06	0.0000e+00
1813	0.0000e+00	0.0000e+00	3.4724e-03	1.4472e-05	1.2073e-05	0.0000e+00
1814	0.0000e+00	0.0000e+00	3.5135e-03	-1.2654e-05	-1.5634e-05	0.0000e+00
1815	0.0000e+00	0.0000e+00	1.4067e-03	-2.9976e-05	-1.9621e-05	0.0000e+00
1816	0.0000e+00	0.0000e+00	-1.2696e-03	-2.5452e-05	-1.9709e-05	0.0000e+00
1817	0.0000e+00	0.0000e+00	-2.0569e-03	-2.8320e-05	-2.1210e-05	0.0000e+00
1818	0.0000e+00	0.0000e+00	-3.2369e-03	-3.4599e-05	-2.3770e-05	0.0000e+00
1819	0.0000e+00	0.0000e+00	-4.7448e-03	-4.3542e-05	-2.7038e-05	0.0000e+00
1820	0.0000e+00	0.0000e+00	-6.6565e-03	-5.6479e-05	-3.0851e-05	0.0000e+00
1821	0.0000e+00	0.0000e+00	-9.1154e-03	-7.4616e-05	-3.5086e-05	0.0000e+00
1822	0.0000e+00	0.0000e+00	-1.2317e-02	-9.8345e-05	-3.9529e-05	0.0000e+00
1823	0.0000e+00	0.0000e+00	-1.6467e-02	-1.2658e-04	-4.3259e-05	0.0000e+00
1824	0.0000e+00	0.0000e+00	-6.5979e-03	-1.2737e-05	2.2876e-05	0.0000e+00
1825	0.0000e+00	0.0000e+00	-6.6315e-03	1.2200e-05	2.2836e-05	0.0000e+00
1826	0.0000e+00	0.0000e+00	-5.8937e-03	2.9008e-05	2.2263e-05	0.0000e+00
1827	0.0000e+00	0.0000e+00	-4.8236e-03	3.8422e-05	2.1849e-05	0.0000e+00
1828	0.0000e+00	0.0000e+00	-3.9680e-03	4.1301e-05	2.1993e-05	0.0000e+00



1829	0.0000e+00	0.0000e+00	3.8627e-03	3.8072e-05	2.2898e-05	0.0000e+00
1830	0.0000e+00	0.0000e+00	4.4443e-03	2.8782e-05	2.4669e-05	0.0000e+00
1831	0.0000e+00	0.0000e+00	5.1178e-03	1.3951e-05	2.7397e-05	0.0000e+00
1832	0.0000e+00	0.0000e+00	5.4203e-03	-1.4779e-05	3.0858e-05	0.0000e+00
1833	0.0000e+00	0.0000e+00	4.9506e-03	-2.7752e-05	2.9740e-05	0.0000e+00
1834	0.0000e+00	0.0000e+00	4.6852e-03	-2.0490e-05	2.8716e-05	0.0000e+00
1835	0.0000e+00	0.0000e+00	-4.4581e-03	-1.8911e-05	2.7502e-05	0.0000e+00
1836	0.0000e+00	0.0000e+00	-4.3759e-03	-2.2509e-05	2.6760e-05	0.0000e+00
1837	0.0000e+00	0.0000e+00	-4.6812e-03	-3.2197e-05	2.6669e-05	0.0000e+00
1838	0.0000e+00	0.0000e+00	-5.7046e-03	-4.8582e-05	2.7244e-05	0.0000e+00
1839	0.0000e+00	0.0000e+00	-7.7346e-03	-7.1394e-05	2.8467e-05	0.0000e+00
1840	0.0000e+00	0.0000e+00	-1.0963e-02	-1.0011e-04	3.0420e-05	0.0000e+00
1841	0.0000e+00	0.0000e+00	-1.5531e-02	-1.3316e-04	3.2833e-05	0.0000e+00
1842	0.0000e+00	0.0000e+00	4.2214e-03	-3.5077e-05	-2.3513e-05	0.0000e+00
1843	0.0000e+00	0.0000e+00	3.2761e-03	-2.4860e-05	-2.0660e-05	0.0000e+00
1844	0.0000e+00	0.0000e+00	2.7031e-03	-1.9143e-05	-1.8483e-05	0.0000e+00
1845	0.0000e+00	0.0000e+00	-2.3803e-03	-1.8913e-05	1.7175e-05	0.0000e+00
1846	0.0000e+00	0.0000e+00	-2.3310e-03	-2.4329e-05	1.6508e-05	0.0000e+00
1847	0.0000e+00	0.0000e+00	-2.7929e-03	-3.4721e-05	1.6297e-05	0.0000e+00
1848	0.0000e+00	0.0000e+00	2.3971e-03	-3.1868e-05	9.5498e-06	0.0000e+00
1849	0.0000e+00	0.0000e+00	1.3621e-03	-2.1420e-05	7.8246e-06	0.0000e+00
1850	0.0000e+00	0.0000e+00	7.0908e-04	-1.6030e-05	6.9660e-06	0.0000e+00
1851	0.0000e+00	0.0000e+00	-4.9141e-04	-1.6378e-05	-7.0762e-06	0.0000e+00
1852	0.0000e+00	0.0000e+00	-1.0217e-03	-2.2466e-05	-8.2907e-06	0.0000e+00
1853	0.0000e+00	0.0000e+00	-2.0880e-03	-3.3528e-05	-1.0473e-05	0.0000e+00
1854	0.0000e+00	0.0000e+00	2.8050e-03	-3.4699e-05	-1.6346e-05	0.0000e+00
1855	0.0000e+00	0.0000e+00	2.3406e-03	-2.4313e-05	-1.6557e-05	0.0000e+00
1856	0.0000e+00	0.0000e+00	2.3868e-03	-1.8905e-05	-1.7228e-05	0.0000e+00
1857	0.0000e+00	0.0000e+00	-2.7073e-03	-1.9146e-05	1.8541e-05	0.0000e+00
1858	0.0000e+00	0.0000e+00	-3.2787e-03	-2.4874e-05	2.0725e-05	0.0000e+00
1859	0.0000e+00	0.0000e+00	-4.2226e-03	-3.5104e-05	2.3584e-05	0.0000e+00
1860	0.0000e+00	0.0000e+00	2.2497e-03	-3.3426e-05	1.0552e-05	0.0000e+00
1861	0.0000e+00	0.0000e+00	1.2000e-03	-2.2387e-05	8.1695e-06	0.0000e+00
1862	0.0000e+00	0.0000e+00	6.4742e-04	-1.6319e-05	6.7433e-06	0.0000e+00
1863	0.0000e+00	0.0000e+00	-6.9947e-04	-1.6004e-05	-6.4440e-06	0.0000e+00
1864	0.0000e+00	0.0000e+00	-1.2702e-03	-2.1456e-05	-7.1621e-06	0.0000e+00
1865	0.0000e+00	0.0000e+00	-2.2775e-03	-3.2009e-05	-8.8496e-06	0.0000e+00
1866	0.0000e+00	0.0000e+00	1.0397e-03	-1.5063e-05	5.4274e-06	0.0000e+00
1867	0.0000e+00	0.0000e+00	7.1196e-04	8.6127e-07	3.7481e-06	0.0000e+00
1868	0.0000e+00	0.0000e+00	9.0795e-04	9.5408e-06	3.2610e-06	0.0000e+00
1869	0.0000e+00	0.0000e+00	1.3692e-03	1.2172e-05	3.4373e-06	0.0000e+00
1870	0.0000e+00	0.0000e+00	1.8081e-03	8.2020e-06	3.5269e-06	0.0000e+00
1871	0.0000e+00	0.0000e+00	1.9220e-03	-2.8641e-06	2.5855e-06	0.0000e+00
1872	0.0000e+00	0.0000e+00	1.3961e-03	-2.0774e-05	-9.4058e-07	0.0000e+00
1873	0.0000e+00	0.0000e+00	-1.3065e-03	-2.0838e-05	1.1061e-06	0.0000e+00
1874	0.0000e+00	0.0000e+00	-1.8340e-03	-2.9159e-06	-2.0105e-06	0.0000e+00
1875	0.0000e+00	0.0000e+00	-1.7199e-03	8.1896e-06	-2.9574e-06	0.0000e+00
1876	0.0000e+00	0.0000e+00	-1.2778e-03	1.2190e-05	-2.8177e-06	0.0000e+00
1877	0.0000e+00	0.0000e+00	-8.0878e-04	9.5882e-06	-2.5667e-06	0.0000e+00
1878	0.0000e+00	0.0000e+00	-6.0286e-04	8.2708e-07	-2.9996e-06	0.0000e+00
1879	0.0000e+00	0.0000e+00	-9.3019e-04	-1.4973e-05	-4.6569e-06	0.0000e+00
1880	0.0000e+00	0.0000e+00	1.5090e-03	-1.6347e-05	-8.4479e-06	0.0000e+00
1881	0.0000e+00	0.0000e+00	1.1110e-03	-2.8821e-06	-6.0916e-06	0.0000e+00
1882	0.0000e+00	0.0000e+00	1.1911e-03	8.2677e-06	-4.8097e-06	0.0000e+00
1883	0.0000e+00	0.0000e+00	1.5437e-03	1.0779e-05	-4.1249e-06	0.0000e+00
1884	0.0000e+00	0.0000e+00	1.8960e-03	6.9992e-06	-3.4570e-06	0.0000e+00
1885	0.0000e+00	0.0000e+00	1.9404e-03	-4.5454e-06	-2.0583e-06	0.0000e+00
1886	0.0000e+00	0.0000e+00	1.3619e-03	-2.1700e-05	1.4026e-06	0.0000e+00
1887	0.0000e+00	0.0000e+00	-1.3585e-03	-2.1696e-05	-1.4060e-06	0.0000e+00
1888	0.0000e+00	0.0000e+00	-1.9368e-03	-4.5443e-06	2.0549e-06	0.0000e+00
1889	0.0000e+00	0.0000e+00	-1.8924e-03	7.0066e-06	3.4520e-06	0.0000e+00
1890	0.0000e+00	0.0000e+00	-1.5401e-03	1.0787e-05	4.1208e-06	0.0000e+00
1891	0.0000e+00	0.0000e+00	-1.1879e-03	8.2763e-06	4.8077e-06	0.0000e+00
1892	0.0000e+00	0.0000e+00	-1.1083e-03	-2.8851e-06	6.0908e-06	0.0000e+00
1893	0.0000e+00	0.0000e+00	-1.5059e-03	-1.6343e-05	8.4463e-06	0.0000e+00
2124	1.0947e-04	1.0311e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.9795e-05

SPOSTAMENTI NODALI "Dinamica SLOh X" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	9.5990e-03	-2.1913e-05	6.8599e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	5.3803e-03	-1.6620e-06	1.0087e-04	0.0000e+00

3	0.0000e+00	0.0000e+00	6.4861e-03	4.9339e-06	1.0972e-04	0.0000e+00
4	0.0000e+00	0.0000e+00	6.6035e-03	-3.9668e-06	1.1040e-04	0.0000e+00
5	0.0000e+00	0.0000e+00	6.2446e-03	2.5536e-06	1.0675e-04	0.0000e+00
6	0.0000e+00	0.0000e+00	6.6829e-03	8.7458e-08	1.0987e-04	0.0000e+00
7	0.0000e+00	0.0000e+00	6.2377e-03	-2.5515e-06	1.0674e-04	0.0000e+00
8	0.0000e+00	0.0000e+00	6.5915e-03	3.9649e-06	1.1038e-04	0.0000e+00
9	0.0000e+00	0.0000e+00	6.4697e-03	-4.9386e-06	1.0971e-04	0.0000e+00
10	0.0000e+00	0.0000e+00	5.3528e-03	1.6753e-06	1.0084e-04	0.0000e+00
11	0.0000e+00	0.0000e+00	9.5793e-03	2.1936e-05	6.8540e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	1.1763e-03	1.1745e-06	3.4453e-05	0.0000e+00
13	0.0000e+00	0.0000e+00	1.6707e-03	3.8612e-07	8.2830e-05	0.0000e+00
14	0.0000e+00	0.0000e+00	1.8700e-03	1.5264e-06	8.4484e-05	0.0000e+00
15	0.0000e+00	0.0000e+00	1.8716e-03	-1.4630e-06	8.4458e-05	0.0000e+00
16	0.0000e+00	0.0000e+00	1.7336e-03	5.3969e-07	8.2719e-05	0.0000e+00
17	0.0000e+00	0.0000e+00	1.7448e-03	1.9728e-08	8.3619e-05	0.0000e+00
18	0.0000e+00	0.0000e+00	1.7344e-03	-4.6042e-07	8.2724e-05	0.0000e+00
19	0.0000e+00	0.0000e+00	1.8702e-03	1.5450e-06	8.4472e-05	0.0000e+00
20	0.0000e+00	0.0000e+00	1.8716e-03	-1.4449e-06	8.4501e-05	0.0000e+00
21	0.0000e+00	0.0000e+00	1.6707e-03	-3.0682e-07	8.2854e-05	0.0000e+00
22	0.0000e+00	0.0000e+00	1.1811e-03	-1.3418e-06	3.4460e-05	0.0000e+00
23	0.0000e+00	0.0000e+00	-1.1683e-02	2.2494e-05	8.2231e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-7.8138e-03	1.1150e-06	1.1923e-04	0.0000e+00
25	0.0000e+00	0.0000e+00	-9.3690e-03	-6.7204e-06	1.3116e-04	0.0000e+00
26	0.0000e+00	0.0000e+00	-9.4448e-03	6.0683e-06	1.3171e-04	0.0000e+00
27	0.0000e+00	0.0000e+00	-8.3880e-03	-1.2355e-06	1.2362e-04	0.0000e+00
28	0.0000e+00	0.0000e+00	-8.0994e-03	1.2861e-08	1.1268e-04	0.0000e+00
29	0.0000e+00	0.0000e+00	-8.3875e-03	1.2528e-06	1.2363e-04	0.0000e+00
30	0.0000e+00	0.0000e+00	-9.4479e-03	-6.0459e-06	1.3173e-04	0.0000e+00
31	0.0000e+00	0.0000e+00	-9.3682e-03	6.7511e-06	1.3118e-04	0.0000e+00
32	0.0000e+00	0.0000e+00	-7.8132e-03	-1.0900e-06	1.1926e-04	0.0000e+00
33	0.0000e+00	0.0000e+00	-1.1684e-02	-2.2451e-05	8.2260e-05	0.0000e+00
67	0.0000e+00	0.0000e+00	1.2307e-02	-2.2427e-05	5.4879e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	9.1121e-03	-1.4011e-06	7.5389e-05	0.0000e+00
69	0.0000e+00	0.0000e+00	1.0595e-02	7.0447e-06	8.3596e-05	0.0000e+00
70	0.0000e+00	0.0000e+00	1.0740e-02	-5.9102e-06	8.4328e-05	0.0000e+00
71	0.0000e+00	0.0000e+00	1.0217e-02	3.4432e-06	8.1123e-05	0.0000e+00
72	0.0000e+00	0.0000e+00	1.0790e-02	1.0654e-07	8.3993e-05	0.0000e+00
73	0.0000e+00	0.0000e+00	1.0210e-02	-3.4454e-06	8.1094e-05	0.0000e+00
74	0.0000e+00	0.0000e+00	1.0728e-02	5.9085e-06	8.4274e-05	0.0000e+00
75	0.0000e+00	0.0000e+00	1.0579e-02	-7.0528e-06	8.3522e-05	0.0000e+00
76	0.0000e+00	0.0000e+00	9.0850e-03	1.4109e-06	7.5267e-05	0.0000e+00
77	0.0000e+00	0.0000e+00	1.2283e-02	2.2458e-05	5.4729e-05	0.0000e+00
78	0.0000e+00	0.0000e+00	-1.5115e-02	2.4383e-05	7.4522e-05	0.0000e+00
79	0.0000e+00	0.0000e+00	-1.2373e-02	7.1802e-07	9.5991e-05	0.0000e+00
80	0.0000e+00	0.0000e+00	-1.4480e-02	-9.8560e-06	1.0836e-04	0.0000e+00
81	0.0000e+00	0.0000e+00	-1.4581e-02	8.9954e-06	1.0892e-04	0.0000e+00
82	0.0000e+00	0.0000e+00	-1.3153e-02	-1.7901e-06	1.0035e-04	0.0000e+00
83	0.0000e+00	0.0000e+00	-1.2524e-02	1.7248e-08	9.3868e-05	0.0000e+00
84	0.0000e+00	0.0000e+00	-1.3153e-02	1.8005e-06	1.0036e-04	0.0000e+00
85	0.0000e+00	0.0000e+00	-1.4585e-02	-8.9799e-06	1.0894e-04	0.0000e+00
86	0.0000e+00	0.0000e+00	-1.4480e-02	9.8812e-06	1.0837e-04	0.0000e+00
87	0.0000e+00	0.0000e+00	-1.2374e-02	-6.8928e-07	9.6010e-05	0.0000e+00
88	0.0000e+00	0.0000e+00	-1.5117e-02	-2.4347e-05	7.4549e-05	0.0000e+00
89	0.0000e+00	0.0000e+00	1.0480e-02	-1.8387e-05	6.2460e-05	0.0000e+00
90	0.0000e+00	0.0000e+00	1.1932e-03	9.7623e-07	3.0993e-05	0.0000e+00
91	0.0000e+00	0.0000e+00	-1.2580e-02	1.8712e-05	7.7762e-05	0.0000e+00
92	0.0000e+00	0.0000e+00	1.3223e-02	-1.7848e-05	5.8786e-05	0.0000e+00
93	0.0000e+00	0.0000e+00	-1.6063e-02	1.8127e-05	7.5984e-05	0.0000e+00
94	0.0000e+00	0.0000e+00	-1.6063e-02	-1.8089e-05	7.6014e-05	0.0000e+00
95	0.0000e+00	0.0000e+00	1.0461e-02	1.8409e-05	6.2386e-05	0.0000e+00
96	0.0000e+00	0.0000e+00	1.2028e-03	-1.1323e-06	3.0994e-05	0.0000e+00
97	0.0000e+00	0.0000e+00	-1.2579e-02	-1.8672e-05	7.7791e-05	0.0000e+00
98	0.0000e+00	0.0000e+00	1.3200e-02	1.7875e-05	5.8684e-05	0.0000e+00
99	0.0000e+00	0.0000e+00	7.0541e-03	-1.9852e-05	5.1067e-05	0.0000e+00
100	0.0000e+00	0.0000e+00	6.2818e-03	-1.8766e-05	4.8358e-05	0.0000e+00
101	0.0000e+00	0.0000e+00	8.6792e-03	-2.2289e-05	6.0753e-05	0.0000e+00
102	0.0000e+00	0.0000e+00	5.5445e-03	-1.7888e-05	4.6263e-05	0.0000e+00
103	0.0000e+00	0.0000e+00	7.7927e-03	-2.0626e-05	5.6243e-05	0.0000e+00
104	0.0000e+00	0.0000e+00	4.8647e-03	-1.6039e-05	4.4309e-05	0.0000e+00
105	0.0000e+00	0.0000e+00	7.0117e-03	-1.7610e-05	5.3665e-05	0.0000e+00
106	0.0000e+00	0.0000e+00	4.2757e-03	-1.3579e-05	4.3174e-05	0.0000e+00
107	0.0000e+00	0.0000e+00	6.3769e-03	-1.3861e-05	5.2808e-05	0.0000e+00

108	0.0000e+00	0.0000e+00	3.7921e-03	-1.1073e-05	4.3046e-05	0.0000e+00
109	0.0000e+00	0.0000e+00	5.9064e-03	-9.9093e-06	5.3683e-05	0.0000e+00
110	0.0000e+00	0.0000e+00	3.4079e-03	-9.0234e-06	4.4011e-05	0.0000e+00
111	0.0000e+00	0.0000e+00	5.5989e-03	-6.2312e-06	5.6456e-05	0.0000e+00
112	0.0000e+00	0.0000e+00	3.1005e-03	-7.8408e-06	4.6018e-05	0.0000e+00
113	0.0000e+00	0.0000e+00	5.4358e-03	-3.2826e-06	6.1455e-05	0.0000e+00
114	0.0000e+00	0.0000e+00	2.8341e-03	-7.7533e-06	4.8665e-05	0.0000e+00
115	0.0000e+00	0.0000e+00	5.3830e-03	-1.5462e-06	6.9270e-05	0.0000e+00
116	0.0000e+00	0.0000e+00	2.5772e-03	-7.9744e-06	5.0177e-05	0.0000e+00
117	0.0000e+00	0.0000e+00	5.3899e-03	-1.0061e-06	8.0943e-05	0.0000e+00
118	0.0000e+00	0.0000e+00	2.4139e-03	-1.7309e-06	4.9727e-05	0.0000e+00
119	0.0000e+00	0.0000e+00	5.1960e-03	-1.8037e-05	3.6009e-05	0.0000e+00
120	0.0000e+00	0.0000e+00	4.4876e-03	-1.7306e-05	3.3975e-05	0.0000e+00
121	0.0000e+00	0.0000e+00	3.8180e-03	-1.6092e-05	3.2982e-05	0.0000e+00
122	0.0000e+00	0.0000e+00	3.2062e-03	-1.4486e-05	3.1718e-05	0.0000e+00
123	0.0000e+00	0.0000e+00	2.6681e-03	-1.2633e-05	3.0581e-05	0.0000e+00
124	0.0000e+00	0.0000e+00	2.2099e-03	-1.0865e-05	2.9720e-05	0.0000e+00
125	0.0000e+00	0.0000e+00	1.8260e-03	-9.5039e-06	2.9154e-05	0.0000e+00
126	0.0000e+00	0.0000e+00	1.5037e-03	-8.6680e-06	2.8719e-05	0.0000e+00
127	0.0000e+00	0.0000e+00	1.2356e-03	-7.9683e-06	2.8023e-05	0.0000e+00
128	0.0000e+00	0.0000e+00	-1.0378e-03	-6.0533e-06	2.6577e-05	0.0000e+00
129	0.0000e+00	0.0000e+00	-9.4494e-04	-1.6678e-06	2.5566e-05	0.0000e+00
130	0.0000e+00	0.0000e+00	3.9458e-03	-1.6559e-05	2.3364e-05	0.0000e+00
131	0.0000e+00	0.0000e+00	3.2859e-03	-1.6304e-05	2.1287e-05	0.0000e+00
132	0.0000e+00	0.0000e+00	2.6591e-03	-1.4994e-05	2.0494e-05	0.0000e+00
133	0.0000e+00	0.0000e+00	2.0954e-03	-1.3248e-05	1.9464e-05	0.0000e+00
134	0.0000e+00	0.0000e+00	1.6080e-03	-1.1365e-05	1.8285e-05	0.0000e+00
135	0.0000e+00	0.0000e+00	1.2007e-03	-9.6107e-06	1.6950e-05	0.0000e+00
136	0.0000e+00	0.0000e+00	8.7112e-04	-8.1813e-06	1.5457e-05	0.0000e+00
137	0.0000e+00	0.0000e+00	6.2033e-04	-7.0703e-06	1.3788e-05	0.0000e+00
138	0.0000e+00	0.0000e+00	-4.6860e-04	-5.9161e-06	1.2001e-05	0.0000e+00
139	0.0000e+00	0.0000e+00	-4.3365e-04	-4.1036e-06	1.0441e-05	0.0000e+00
140	0.0000e+00	0.0000e+00	-4.5288e-04	-1.4815e-06	9.7244e-06	0.0000e+00
141	0.0000e+00	0.0000e+00	3.2035e-03	-1.5206e-05	1.3591e-05	0.0000e+00
142	0.0000e+00	0.0000e+00	2.5895e-03	-1.5305e-05	1.1441e-05	0.0000e+00
143	0.0000e+00	0.0000e+00	2.0006e-03	-1.4025e-05	1.0631e-05	0.0000e+00
144	0.0000e+00	0.0000e+00	1.4785e-03	-1.2062e-05	9.6278e-06	0.0000e+00
145	0.0000e+00	0.0000e+00	1.0420e-03	-9.8514e-06	8.4316e-06	0.0000e+00
146	0.0000e+00	0.0000e+00	6.9608e-04	-7.7145e-06	7.0008e-06	0.0000e+00
147	0.0000e+00	0.0000e+00	4.3708e-04	-5.8769e-06	-5.5352e-06	0.0000e+00
148	0.0000e+00	0.0000e+00	-2.6204e-04	-4.4281e-06	-4.6938e-06	0.0000e+00
149	0.0000e+00	0.0000e+00	-1.8414e-04	-3.2805e-06	-5.2623e-06	0.0000e+00
150	0.0000e+00	0.0000e+00	-1.9740e-04	-2.2354e-06	-6.5937e-06	0.0000e+00
151	0.0000e+00	0.0000e+00	-2.3283e-04	-1.2103e-06	-7.3704e-06	0.0000e+00
152	0.0000e+00	0.0000e+00	2.8525e-03	-1.3851e-05	-7.2208e-06	0.0000e+00
153	0.0000e+00	0.0000e+00	2.2853e-03	-1.4302e-05	-5.4051e-06	0.0000e+00
154	0.0000e+00	0.0000e+00	1.7342e-03	-1.3081e-05	-4.6858e-06	0.0000e+00
155	0.0000e+00	0.0000e+00	1.2536e-03	-1.0865e-05	-3.9619e-06	0.0000e+00
156	0.0000e+00	0.0000e+00	8.7225e-04	-8.1897e-06	-3.4990e-06	0.0000e+00
157	0.0000e+00	0.0000e+00	5.9964e-04	-5.4847e-06	-3.8701e-06	0.0000e+00
158	0.0000e+00	0.0000e+00	4.3015e-04	-3.0935e-06	-5.4912e-06	0.0000e+00
159	0.0000e+00	0.0000e+00	3.4539e-04	-1.3089e-06	-8.0472e-06	0.0000e+00
160	0.0000e+00	0.0000e+00	3.1623e-04	-3.6007e-07	-1.0930e-05	0.0000e+00
161	0.0000e+00	0.0000e+00	3.0699e-04	-2.9030e-07	-1.3340e-05	0.0000e+00
162	0.0000e+00	0.0000e+00	2.8482e-04	-9.0544e-07	-1.4464e-05	0.0000e+00
163	0.0000e+00	0.0000e+00	2.7526e-03	-1.2379e-05	-4.2786e-06	0.0000e+00
164	0.0000e+00	0.0000e+00	2.2350e-03	-1.3321e-05	-3.6634e-06	0.0000e+00
165	0.0000e+00	0.0000e+00	1.7223e-03	-1.2170e-05	-3.4565e-06	0.0000e+00
166	0.0000e+00	0.0000e+00	1.2854e-03	-9.6671e-06	-3.6740e-06	0.0000e+00
167	0.0000e+00	0.0000e+00	9.6494e-04	-6.4826e-06	-4.4914e-06	0.0000e+00
168	0.0000e+00	0.0000e+00	7.7730e-04	-3.1576e-06	-6.0413e-06	0.0000e+00
169	0.0000e+00	0.0000e+00	7.1890e-04	5.0521e-07	-8.3381e-06	0.0000e+00
170	0.0000e+00	0.0000e+00	7.6738e-04	2.2560e-06	-1.1334e-05	0.0000e+00
171	0.0000e+00	0.0000e+00	8.7912e-04	3.0791e-06	-1.4738e-05	0.0000e+00
172	0.0000e+00	0.0000e+00	9.8752e-04	2.0225e-06	-1.7747e-05	0.0000e+00
173	0.0000e+00	0.0000e+00	1.0196e-03	-5.9640e-07	-1.9167e-05	0.0000e+00
174	0.0000e+00	0.0000e+00	2.7355e-03	-1.0634e-05	-3.5497e-06	0.0000e+00
175	0.0000e+00	0.0000e+00	2.2733e-03	-1.2302e-05	-2.5116e-06	0.0000e+00
176	0.0000e+00	0.0000e+00	1.8010e-03	-1.1202e-05	-2.5140e-06	0.0000e+00
177	0.0000e+00	0.0000e+00	1.4106e-03	-8.4057e-06	-3.1424e-06	0.0000e+00
178	0.0000e+00	0.0000e+00	1.1508e-03	-4.8039e-06	-4.2762e-06	0.0000e+00
179	0.0000e+00	0.0000e+00	1.0410e-03	-1.0491e-06	-5.8268e-06	0.0000e+00

180	0.0000e+00	0.0000e+00	1.0818e-03	2.8735e-06	-7.8352e-06	0.0000e+00
181	0.0000e+00	0.0000e+00	1.2572e-03	5.8695e-06	-1.0523e-05	0.0000e+00
182	0.0000e+00	0.0000e+00	1.5211e-03	7.0938e-06	-1.4079e-05	0.0000e+00
183	0.0000e+00	0.0000e+00	1.7755e-03	5.0761e-06	-1.7936e-05	0.0000e+00
184	0.0000e+00	0.0000e+00	1.8783e-03	-2.9752e-07	-1.9947e-05	0.0000e+00
185	0.0000e+00	0.0000e+00	2.6105e-03	-8.3690e-06	7.5203e-06	0.0000e+00
186	0.0000e+00	0.0000e+00	2.2181e-03	-1.0994e-05	3.7316e-06	0.0000e+00
187	0.0000e+00	0.0000e+00	1.8016e-03	-9.7778e-06	2.3516e-06	0.0000e+00
188	0.0000e+00	0.0000e+00	1.4742e-03	-6.7882e-06	-8.0513e-07	0.0000e+00
189	0.0000e+00	0.0000e+00	1.2803e-03	-3.1481e-06	-1.5409e-06	0.0000e+00
190	0.0000e+00	0.0000e+00	1.2358e-03	9.0198e-07	-2.8213e-06	0.0000e+00
191	0.0000e+00	0.0000e+00	1.3461e-03	4.8210e-06	-3.8896e-06	0.0000e+00
192	0.0000e+00	0.0000e+00	1.6108e-03	8.6558e-06	-5.0831e-06	0.0000e+00
193	0.0000e+00	0.0000e+00	2.0072e-03	1.1296e-05	-7.2367e-06	0.0000e+00
194	0.0000e+00	0.0000e+00	2.4402e-03	9.5342e-06	-1.1709e-05	0.0000e+00
195	0.0000e+00	0.0000e+00	2.6475e-03	-3.0084e-08	-1.4869e-05	0.0000e+00
196	0.0000e+00	0.0000e+00	2.1669e-03	-5.2380e-06	1.7651e-05	0.0000e+00
197	0.0000e+00	0.0000e+00	1.8816e-03	-8.6135e-06	1.2031e-05	0.0000e+00
198	0.0000e+00	0.0000e+00	1.5770e-03	-6.8871e-06	8.5601e-06	0.0000e+00
199	0.0000e+00	0.0000e+00	1.3602e-03	-4.2675e-06	5.1608e-06	0.0000e+00
200	0.0000e+00	0.0000e+00	1.2517e-03	-1.4051e-06	2.8663e-06	0.0000e+00
201	0.0000e+00	0.0000e+00	1.2584e-03	1.6813e-06	1.8150e-06	0.0000e+00
202	0.0000e+00	0.0000e+00	1.3858e-03	4.8752e-06	2.1123e-06	0.0000e+00
203	0.0000e+00	0.0000e+00	1.6432e-03	8.4271e-06	3.7630e-06	0.0000e+00
204	0.0000e+00	0.0000e+00	2.0451e-03	1.2504e-05	6.4691e-06	0.0000e+00
205	0.0000e+00	0.0000e+00	2.6023e-03	1.6323e-05	6.4023e-06	0.0000e+00
206	0.0000e+00	0.0000e+00	2.9517e-03	2.5075e-07	2.7391e-06	0.0000e+00
207	0.0000e+00	0.0000e+00	1.1192e-03	-1.9023e-06	2.1634e-05	0.0000e+00
208	0.0000e+00	0.0000e+00	1.0568e-03	-1.5063e-06	1.5070e-05	0.0000e+00
209	0.0000e+00	0.0000e+00	1.0201e-03	-6.2360e-07	1.0266e-05	0.0000e+00
210	0.0000e+00	0.0000e+00	1.0240e-03	6.6058e-07	7.4276e-06	0.0000e+00
211	0.0000e+00	0.0000e+00	1.0736e-03	1.8079e-06	6.4322e-06	0.0000e+00
212	0.0000e+00	0.0000e+00	1.1671e-03	2.8578e-06	7.5008e-06	0.0000e+00
213	0.0000e+00	0.0000e+00	1.2964e-03	3.6117e-06	1.1287e-05	0.0000e+00
214	0.0000e+00	0.0000e+00	1.4455e-03	3.8509e-06	1.9594e-05	0.0000e+00
215	0.0000e+00	0.0000e+00	1.5875e-03	3.2392e-06	3.4379e-05	0.0000e+00
216	0.0000e+00	0.0000e+00	2.4642e-03	4.3116e-06	5.0347e-05	0.0000e+00
217	0.0000e+00	0.0000e+00	5.2510e-03	-3.1345e-06	7.9941e-05	0.0000e+00
218	0.0000e+00	0.0000e+00	2.5776e-03	3.0511e-06	4.8282e-05	0.0000e+00
219	0.0000e+00	0.0000e+00	5.0871e-03	-3.0392e-06	6.8309e-05	0.0000e+00
220	0.0000e+00	0.0000e+00	2.6547e-03	1.9822e-06	4.5539e-05	0.0000e+00
221	0.0000e+00	0.0000e+00	4.9632e-03	-1.7257e-06	6.1279e-05	0.0000e+00
222	0.0000e+00	0.0000e+00	2.7217e-03	1.6952e-06	4.3930e-05	0.0000e+00
223	0.0000e+00	0.0000e+00	4.9223e-03	-4.2547e-07	5.7694e-05	0.0000e+00
224	0.0000e+00	0.0000e+00	2.8025e-03	2.0876e-06	4.3840e-05	0.0000e+00
225	0.0000e+00	0.0000e+00	4.9886e-03	2.8237e-06	5.7071e-05	0.0000e+00
226	0.0000e+00	0.0000e+00	2.9041e-03	-2.6352e-06	4.5347e-05	0.0000e+00
227	0.0000e+00	0.0000e+00	5.1685e-03	5.2044e-06	5.9291e-05	0.0000e+00
228	0.0000e+00	0.0000e+00	3.0145e-03	-2.9038e-06	4.8384e-05	0.0000e+00
229	0.0000e+00	0.0000e+00	5.4508e-03	7.1039e-06	6.4509e-05	0.0000e+00
230	0.0000e+00	0.0000e+00	3.1031e-03	-2.9709e-06	5.2584e-05	0.0000e+00
231	0.0000e+00	0.0000e+00	5.8053e-03	8.0507e-06	7.3247e-05	0.0000e+00
232	0.0000e+00	0.0000e+00	3.1334e-03	-3.5932e-06	5.6185e-05	0.0000e+00
233	0.0000e+00	0.0000e+00	6.1799e-03	7.5031e-06	8.6731e-05	0.0000e+00
234	0.0000e+00	0.0000e+00	3.1856e-03	3.1104e-06	5.7245e-05	0.0000e+00
235	0.0000e+00	0.0000e+00	-9.5379e-04	2.7581e-06	2.6474e-05	0.0000e+00
236	0.0000e+00	0.0000e+00	-1.0305e-03	3.6427e-06	2.7710e-05	0.0000e+00
237	0.0000e+00	0.0000e+00	1.1208e-03	2.8997e-06	2.8024e-05	0.0000e+00
238	0.0000e+00	0.0000e+00	1.2019e-03	2.0070e-06	2.8152e-05	0.0000e+00
239	0.0000e+00	0.0000e+00	1.2717e-03	1.4511e-06	2.8525e-05	0.0000e+00
240	0.0000e+00	0.0000e+00	1.3301e-03	-1.4567e-06	2.9265e-05	0.0000e+00
241	0.0000e+00	0.0000e+00	1.3715e-03	-2.0560e-06	3.0237e-05	0.0000e+00
242	0.0000e+00	0.0000e+00	1.3898e-03	-2.8881e-06	3.0996e-05	0.0000e+00
243	0.0000e+00	0.0000e+00	-1.3970e-03	-2.6955e-06	3.0795e-05	0.0000e+00
244	0.0000e+00	0.0000e+00	-1.4439e-03	-1.8709e-06	3.0807e-05	0.0000e+00
245	0.0000e+00	0.0000e+00	-4.4753e-04	1.1354e-06	1.0207e-05	0.0000e+00
246	0.0000e+00	0.0000e+00	-4.1899e-04	2.1510e-06	1.1529e-05	0.0000e+00
247	0.0000e+00	0.0000e+00	-4.0702e-04	1.9822e-06	1.2866e-05	0.0000e+00
248	0.0000e+00	0.0000e+00	-4.2092e-04	1.4231e-06	1.3855e-05	0.0000e+00
249	0.0000e+00	0.0000e+00	-4.5191e-04	9.7518e-07	1.4450e-05	0.0000e+00
250	0.0000e+00	0.0000e+00	-4.9204e-04	-9.9045e-07	1.4650e-05	0.0000e+00
251	0.0000e+00	0.0000e+00	-5.3679e-04	-1.4469e-06	1.4422e-05	0.0000e+00

252	0.0000e+00	0.0000e+00	-5.8541e-04	-1.8301e-06	1.3771e-05	0.0000e+00
253	0.0000e+00	0.0000e+00	-6.3814e-04	-1.5032e-06	1.2990e-05	0.0000e+00
254	0.0000e+00	0.0000e+00	-6.8844e-04	-1.2729e-06	-1.2828e-05	0.0000e+00
255	0.0000e+00	0.0000e+00	-2.5162e-04	-3.4336e-07	-6.8909e-06	0.0000e+00
256	0.0000e+00	0.0000e+00	-2.4941e-04	1.9186e-07	-5.6061e-06	0.0000e+00
257	0.0000e+00	0.0000e+00	-2.3988e-04	2.7220e-07	-4.7262e-06	0.0000e+00
258	0.0000e+00	0.0000e+00	-2.3131e-04	3.9868e-07	-4.6901e-06	0.0000e+00
259	0.0000e+00	0.0000e+00	-2.2681e-04	6.5403e-07	-4.9500e-06	0.0000e+00
260	0.0000e+00	0.0000e+00	-2.3040e-04	-9.1297e-07	-5.1083e-06	0.0000e+00
261	0.0000e+00	0.0000e+00	-2.4702e-04	-1.0659e-06	-5.3639e-06	0.0000e+00
262	0.0000e+00	0.0000e+00	-2.7610e-04	-1.0999e-06	-6.1985e-06	0.0000e+00
263	0.0000e+00	0.0000e+00	-3.1025e-04	-1.0955e-06	-7.5076e-06	0.0000e+00
264	0.0000e+00	0.0000e+00	-3.4208e-04	1.1819e-06	-8.4254e-06	0.0000e+00
265	0.0000e+00	0.0000e+00	2.2505e-04	-1.7700e-06	-1.3771e-05	0.0000e+00
266	0.0000e+00	0.0000e+00	1.3601e-04	-2.1492e-06	-1.1643e-05	0.0000e+00
267	0.0000e+00	0.0000e+00	4.6305e-05	-1.7982e-06	-9.2698e-06	0.0000e+00
268	0.0000e+00	0.0000e+00	-1.2302e-05	-8.5819e-07	-7.5706e-06	0.0000e+00
269	0.0000e+00	0.0000e+00	-2.4094e-05	4.6510e-07	-6.9647e-06	0.0000e+00
270	0.0000e+00	0.0000e+00	2.9732e-05	1.7088e-06	-7.5403e-06	0.0000e+00
271	0.0000e+00	0.0000e+00	1.2523e-04	2.6732e-06	-9.2312e-06	0.0000e+00
272	0.0000e+00	0.0000e+00	2.5327e-04	3.0313e-06	-1.1704e-05	0.0000e+00
273	0.0000e+00	0.0000e+00	3.8049e-04	2.6093e-06	-1.4170e-05	0.0000e+00
274	0.0000e+00	0.0000e+00	4.7451e-04	1.5917e-06	-1.5598e-05	0.0000e+00
275	0.0000e+00	0.0000e+00	9.2441e-04	-3.5958e-06	-1.8129e-05	0.0000e+00
276	0.0000e+00	0.0000e+00	7.3271e-04	-4.8548e-06	-1.5341e-05	0.0000e+00
277	0.0000e+00	0.0000e+00	5.3234e-04	-4.1441e-06	-1.2515e-05	0.0000e+00
278	0.0000e+00	0.0000e+00	3.9450e-04	-2.1697e-06	-1.0621e-05	0.0000e+00
279	0.0000e+00	0.0000e+00	3.5442e-04	3.7783e-07	-9.9667e-06	0.0000e+00
280	0.0000e+00	0.0000e+00	4.2289e-04	2.9258e-06	-1.0612e-05	0.0000e+00
281	0.0000e+00	0.0000e+00	5.9506e-04	5.0158e-06	-1.2546e-05	0.0000e+00
282	0.0000e+00	0.0000e+00	8.3773e-04	5.9167e-06	-1.5526e-05	0.0000e+00
283	0.0000e+00	0.0000e+00	1.0816e-03	4.9151e-06	-1.8677e-05	0.0000e+00
284	0.0000e+00	0.0000e+00	1.2407e-03	2.2122e-06	-2.0426e-05	0.0000e+00
285	0.0000e+00	0.0000e+00	1.7258e-03	-6.2550e-06	-1.8198e-05	0.0000e+00
286	0.0000e+00	0.0000e+00	1.3972e-03	-8.1242e-06	-1.4489e-05	0.0000e+00
287	0.0000e+00	0.0000e+00	1.0714e-03	-6.5447e-06	-1.1615e-05	0.0000e+00
288	0.0000e+00	0.0000e+00	8.5524e-04	-3.3616e-06	-1.0061e-05	0.0000e+00
289	0.0000e+00	0.0000e+00	7.8966e-04	3.4986e-07	-9.5821e-06	0.0000e+00
290	0.0000e+00	0.0000e+00	8.8514e-04	4.1126e-06	-1.0059e-05	0.0000e+00
291	0.0000e+00	0.0000e+00	1.1372e-03	7.4809e-06	-1.1643e-05	0.0000e+00
292	0.0000e+00	0.0000e+00	1.5106e-03	9.3841e-06	-1.4617e-05	0.0000e+00
293	0.0000e+00	0.0000e+00	1.9042e-03	7.9970e-06	-1.8553e-05	0.0000e+00
294	0.0000e+00	0.0000e+00	2.1461e-03	2.6896e-06	-2.0756e-05	0.0000e+00
295	0.0000e+00	0.0000e+00	2.3983e-03	-1.0361e-05	-1.1813e-05	0.0000e+00
296	0.0000e+00	0.0000e+00	1.9012e-03	-1.1355e-05	-7.6632e-06	0.0000e+00
297	0.0000e+00	0.0000e+00	1.4769e-03	-8.0955e-06	-6.4635e-06	0.0000e+00
298	0.0000e+00	0.0000e+00	1.2175e-03	-3.9389e-06	-6.2793e-06	0.0000e+00
299	0.0000e+00	0.0000e+00	1.1400e-03	3.3306e-07	-6.2782e-06	0.0000e+00
300	0.0000e+00	0.0000e+00	1.2473e-03	4.6743e-06	-6.2328e-06	0.0000e+00
301	0.0000e+00	0.0000e+00	1.5428e-03	9.0464e-06	-6.3781e-06	0.0000e+00
302	0.0000e+00	0.0000e+00	2.0163e-03	1.2686e-05	-7.5526e-06	0.0000e+00
303	0.0000e+00	0.0000e+00	2.5835e-03	1.2274e-05	-1.1696e-05	0.0000e+00
304	0.0000e+00	0.0000e+00	2.9334e-03	2.7767e-06	-1.4794e-05	0.0000e+00
305	0.0000e+00	0.0000e+00	2.5579e-03	-1.6155e-05	6.6249e-06	0.0000e+00
306	0.0000e+00	0.0000e+00	1.9769e-03	-1.1333e-05	5.0016e-06	0.0000e+00
307	0.0000e+00	0.0000e+00	1.5884e-03	-7.0150e-06	1.4723e-06	0.0000e+00
308	0.0000e+00	0.0000e+00	1.3697e-03	-3.2502e-06	-9.4099e-07	0.0000e+00
309	0.0000e+00	0.0000e+00	1.3065e-03	2.9123e-07	-1.5618e-06	0.0000e+00
310	0.0000e+00	0.0000e+00	1.3961e-03	3.9022e-06	-8.2340e-07	0.0000e+00
311	0.0000e+00	0.0000e+00	1.6472e-03	7.8763e-06	1.7171e-06	0.0000e+00
312	0.0000e+00	0.0000e+00	2.0807e-03	1.2556e-05	5.4317e-06	0.0000e+00
313	0.0000e+00	0.0000e+00	2.7262e-03	1.7911e-05	7.2940e-06	0.0000e+00
314	0.0000e+00	0.0000e+00	3.2132e-03	2.3040e-06	3.7709e-06	0.0000e+00
315	0.0000e+00	0.0000e+00	1.6089e-03	-2.5392e-06	3.1641e-05	0.0000e+00
316	0.0000e+00	0.0000e+00	1.4861e-03	-2.9783e-06	1.6065e-05	0.0000e+00
317	0.0000e+00	0.0000e+00	1.3671e-03	-2.4043e-06	7.9305e-06	0.0000e+00
318	0.0000e+00	0.0000e+00	1.2863e-03	-1.2513e-06	4.1787e-06	0.0000e+00
319	0.0000e+00	0.0000e+00	1.2629e-03	2.0056e-07	3.1483e-06	0.0000e+00
320	0.0000e+00	0.0000e+00	1.3047e-03	1.7168e-06	4.4225e-06	0.0000e+00
321	0.0000e+00	0.0000e+00	1.4092e-03	3.0542e-06	8.4393e-06	0.0000e+00
322	0.0000e+00	0.0000e+00	1.5628e-03	3.9369e-06	1.6878e-05	0.0000e+00
323	0.0000e+00	0.0000e+00	1.7363e-03	3.9269e-06	3.2833e-05	0.0000e+00

324	0.0000e+00	0.0000e+00	3.2788e-03	-2.3911e-06	5.7959e-05	0.0000e+00
325	0.0000e+00	0.0000e+00	3.2583e-03	3.5278e-06	5.7145e-05	0.0000e+00
326	0.0000e+00	0.0000e+00	6.3402e-03	-6.4039e-06	8.7719e-05	0.0000e+00
327	0.0000e+00	0.0000e+00	3.2633e-03	2.3911e-06	5.3833e-05	0.0000e+00
328	0.0000e+00	0.0000e+00	6.0158e-03	-6.7619e-06	7.4581e-05	0.0000e+00
329	0.0000e+00	0.0000e+00	3.2179e-03	1.7799e-06	4.9973e-05	0.0000e+00
330	0.0000e+00	0.0000e+00	5.7206e-03	-5.5897e-06	6.6226e-05	0.0000e+00
331	0.0000e+00	0.0000e+00	3.1602e-03	-1.1899e-06	4.7325e-05	0.0000e+00
332	0.0000e+00	0.0000e+00	5.5083e-03	-3.4661e-06	6.1435e-05	0.0000e+00
333	0.0000e+00	0.0000e+00	3.1214e-03	-7.4123e-07	4.6256e-05	0.0000e+00
334	0.0000e+00	0.0000e+00	5.4095e-03	-1.0495e-06	5.9689e-05	0.0000e+00
335	0.0000e+00	0.0000e+00	3.1127e-03	-1.3576e-06	4.6834e-05	0.0000e+00
336	0.0000e+00	0.0000e+00	5.4344e-03	-1.9756e-06	6.0837e-05	0.0000e+00
337	0.0000e+00	0.0000e+00	3.1247e-03	-2.2477e-06	4.8981e-05	0.0000e+00
338	0.0000e+00	0.0000e+00	5.5730e-03	4.0534e-06	6.5006e-05	0.0000e+00
339	0.0000e+00	0.0000e+00	3.1287e-03	-3.2717e-06	5.2317e-05	0.0000e+00
340	0.0000e+00	0.0000e+00	5.7953e-03	5.2230e-06	7.2684e-05	0.0000e+00
341	0.0000e+00	0.0000e+00	3.0897e-03	-4.5065e-06	5.5078e-05	0.0000e+00
342	0.0000e+00	0.0000e+00	6.0486e-03	4.8949e-06	8.5055e-05	0.0000e+00
343	0.0000e+00	0.0000e+00	3.0809e-03	1.7316e-06	5.5156e-05	0.0000e+00
344	0.0000e+00	0.0000e+00	-1.5100e-03	-1.3845e-06	3.1466e-05	0.0000e+00
345	0.0000e+00	0.0000e+00	-1.4853e-03	2.6894e-06	3.1668e-05	0.0000e+00
346	0.0000e+00	0.0000e+00	-1.5031e-03	2.9065e-06	3.2099e-05	0.0000e+00
347	0.0000e+00	0.0000e+00	1.5153e-03	1.8544e-06	3.1612e-05	0.0000e+00
348	0.0000e+00	0.0000e+00	1.5123e-03	7.1196e-07	3.0961e-05	0.0000e+00
349	0.0000e+00	0.0000e+00	1.5011e-03	-4.9308e-07	3.0590e-05	0.0000e+00
350	0.0000e+00	0.0000e+00	1.4871e-03	-1.5462e-06	3.0631e-05	0.0000e+00
351	0.0000e+00	0.0000e+00	1.4683e-03	-2.6909e-06	3.0962e-05	0.0000e+00
352	0.0000e+00	0.0000e+00	-1.4413e-03	-3.6570e-06	3.1149e-05	0.0000e+00
353	0.0000e+00	0.0000e+00	-1.4175e-03	-3.2039e-06	3.0459e-05	0.0000e+00
354	0.0000e+00	0.0000e+00	-1.4353e-03	-1.1289e-06	3.0039e-05	0.0000e+00
355	0.0000e+00	0.0000e+00	-7.2324e-04	1.0046e-06	-1.3427e-05	0.0000e+00
356	0.0000e+00	0.0000e+00	-6.8451e-04	1.4220e-06	1.3771e-05	0.0000e+00
357	0.0000e+00	0.0000e+00	-6.4725e-04	1.8087e-06	1.4732e-05	0.0000e+00
358	0.0000e+00	0.0000e+00	-6.1937e-04	1.3337e-06	1.5588e-05	0.0000e+00
359	0.0000e+00	0.0000e+00	-6.0103e-04	5.5894e-07	1.6063e-05	0.0000e+00
360	0.0000e+00	0.0000e+00	-5.9255e-04	-3.2643e-07	1.6160e-05	0.0000e+00
361	0.0000e+00	0.0000e+00	-5.9586e-04	-1.1206e-06	1.5912e-05	0.0000e+00
362	0.0000e+00	0.0000e+00	-6.1279e-04	-1.8813e-06	1.5320e-05	0.0000e+00
363	0.0000e+00	0.0000e+00	-6.4514e-04	-2.2834e-06	1.4417e-05	0.0000e+00
364	0.0000e+00	0.0000e+00	-6.8896e-04	-1.7031e-06	-1.3502e-05	0.0000e+00
365	0.0000e+00	0.0000e+00	-7.2527e-04	-7.8018e-07	-1.3245e-05	0.0000e+00
366	0.0000e+00	0.0000e+00	-3.5517e-04	-1.0839e-06	-8.6215e-06	0.0000e+00
367	0.0000e+00	0.0000e+00	-3.2718e-04	9.4651e-07	-7.7946e-06	0.0000e+00
368	0.0000e+00	0.0000e+00	-2.9699e-04	8.8751e-07	-6.6793e-06	0.0000e+00
369	0.0000e+00	0.0000e+00	-2.7162e-04	7.6225e-07	-6.1279e-06	0.0000e+00
370	0.0000e+00	0.0000e+00	-2.5777e-04	-5.1251e-07	-6.1536e-06	0.0000e+00
371	0.0000e+00	0.0000e+00	-2.5701e-04	-2.3874e-07	-6.2482e-06	0.0000e+00
372	0.0000e+00	0.0000e+00	-2.6772e-04	-3.7179e-07	-6.1942e-06	0.0000e+00
373	0.0000e+00	0.0000e+00	-2.8848e-04	-6.1134e-07	-6.2556e-06	0.0000e+00
374	0.0000e+00	0.0000e+00	-3.1643e-04	-7.0754e-07	-6.9044e-06	0.0000e+00
375	0.0000e+00	0.0000e+00	-3.4429e-04	-6.3374e-07	-8.0160e-06	0.0000e+00
376	0.0000e+00	0.0000e+00	-3.6267e-04	6.3961e-07	-8.6962e-06	0.0000e+00
377	0.0000e+00	0.0000e+00	4.7173e-04	-1.5867e-06	-1.5583e-05	0.0000e+00
378	0.0000e+00	0.0000e+00	3.7866e-04	-2.5738e-06	-1.4141e-05	0.0000e+00
379	0.0000e+00	0.0000e+00	2.5398e-04	-2.9565e-06	-1.1667e-05	0.0000e+00
380	0.0000e+00	0.0000e+00	1.3078e-04	-2.5506e-06	-9.2026e-06	0.0000e+00
381	0.0000e+00	0.0000e+00	4.4187e-05	-1.5316e-06	-7.5393e-06	0.0000e+00
382	0.0000e+00	0.0000e+00	-2.5642e-05	-2.1389e-07	-6.9821e-06	0.0000e+00
383	0.0000e+00	0.0000e+00	-3.2478e-05	1.0854e-06	-7.5613e-06	0.0000e+00
384	0.0000e+00	0.0000e+00	9.2933e-05	2.0351e-06	-9.2112e-06	0.0000e+00
385	0.0000e+00	0.0000e+00	1.8996e-04	2.3325e-06	-1.1590e-05	0.0000e+00
386	0.0000e+00	0.0000e+00	2.8386e-04	1.8150e-06	-1.3864e-05	0.0000e+00
387	0.0000e+00	0.0000e+00	3.4052e-04	7.0169e-07	-1.4949e-05	0.0000e+00
388	0.0000e+00	0.0000e+00	1.2361e-03	-2.2373e-06	-2.0425e-05	0.0000e+00
389	0.0000e+00	0.0000e+00	1.0768e-03	-4.9190e-06	-1.8665e-05	0.0000e+00
390	0.0000e+00	0.0000e+00	8.3397e-04	-5.8967e-06	-1.5498e-05	0.0000e+00
391	0.0000e+00	0.0000e+00	5.9367e-04	-4.9648e-06	-1.2495e-05	0.0000e+00
392	0.0000e+00	0.0000e+00	4.2516e-04	-2.8353e-06	-1.0535e-05	0.0000e+00
393	0.0000e+00	0.0000e+00	3.6078e-04	-2.2655e-07	-9.8629e-06	0.0000e+00
394	0.0000e+00	0.0000e+00	4.0561e-04	2.3462e-06	-1.0494e-05	0.0000e+00
395	0.0000e+00	0.0000e+00	5.5063e-04	4.3661e-06	-1.2388e-05	0.0000e+00

396	0.0000e+00	0.0000e+00	7.6077e-04	5.1129e-06	-1.5273e-05	0.0000e+00
397	0.0000e+00	0.0000e+00	9.6385e-04	3.8749e-06	-1.8232e-05	0.0000e+00
398	0.0000e+00	0.0000e+00	1.0707e-03	8.7296e-07	-1.9657e-05	0.0000e+00
399	0.0000e+00	0.0000e+00	2.1422e-03	-2.7159e-06	-2.0787e-05	0.0000e+00
400	0.0000e+00	0.0000e+00	1.8999e-03	-8.0120e-06	-1.8587e-05	0.0000e+00
401	0.0000e+00	0.0000e+00	1.5067e-03	-9.3879e-06	-1.4642e-05	0.0000e+00
402	0.0000e+00	0.0000e+00	1.1347e-03	-7.4649e-06	-1.1649e-05	0.0000e+00
403	0.0000e+00	0.0000e+00	8.8518e-04	-4.0643e-06	-1.0039e-05	0.0000e+00
404	0.0000e+00	0.0000e+00	7.9314e-04	-2.5126e-07	-9.5350e-06	0.0000e+00
405	0.0000e+00	0.0000e+00	8.6326e-04	3.5190e-06	-9.9925e-06	0.0000e+00
406	0.0000e+00	0.0000e+00	1.0866e-03	6.7855e-06	-1.1547e-05	0.0000e+00
407	0.0000e+00	0.0000e+00	1.4242e-03	8.4737e-06	-1.4465e-05	0.0000e+00
408	0.0000e+00	0.0000e+00	1.7703e-03	6.7550e-06	-1.8289e-05	0.0000e+00
409	0.0000e+00	0.0000e+00	1.9485e-03	1.0074e-06	-2.0324e-05	0.0000e+00
410	0.0000e+00	0.0000e+00	2.9312e-03	-2.7890e-06	-1.4844e-05	0.0000e+00
411	0.0000e+00	0.0000e+00	2.5813e-03	-1.2287e-05	-1.1758e-05	0.0000e+00
412	0.0000e+00	0.0000e+00	2.0142e-03	-1.2702e-05	-7.6105e-06	0.0000e+00
413	0.0000e+00	0.0000e+00	1.5411e-03	-9.0530e-06	-6.4191e-06	0.0000e+00
414	0.0000e+00	0.0000e+00	1.2469e-03	-4.6551e-06	-6.2486e-06	0.0000e+00
415	0.0000e+00	0.0000e+00	1.1419e-03	-2.6771e-07	-6.2637e-06	0.0000e+00
416	0.0000e+00	0.0000e+00	1.2233e-03	4.0771e-06	-6.2356e-06	0.0000e+00
417	0.0000e+00	0.0000e+00	1.4900e-03	8.3417e-06	-6.4015e-06	0.0000e+00
418	0.0000e+00	0.0000e+00	1.9272e-03	1.1756e-05	-7.6105e-06	0.0000e+00
419	0.0000e+00	0.0000e+00	2.4454e-03	1.0967e-05	-1.1799e-05	0.0000e+00
420	0.0000e+00	0.0000e+00	2.7283e-03	1.0071e-06	-1.4948e-05	0.0000e+00
421	0.0000e+00	0.0000e+00	3.2131e-03	-2.2927e-06	3.7271e-06	0.0000e+00
422	0.0000e+00	0.0000e+00	2.7267e-03	-1.7922e-05	7.2317e-06	0.0000e+00
423	0.0000e+00	0.0000e+00	2.0808e-03	-1.2585e-05	5.3829e-06	0.0000e+00
424	0.0000e+00	0.0000e+00	1.6468e-03	-7.9053e-06	1.7013e-06	0.0000e+00
425	0.0000e+00	0.0000e+00	1.3955e-03	-3.9132e-06	-8.5965e-07	0.0000e+00
426	0.0000e+00	0.0000e+00	1.3067e-03	-2.6118e-07	-1.5470e-06	0.0000e+00
427	0.0000e+00	0.0000e+00	1.3725e-03	3.3546e-06	-9.0375e-07	0.0000e+00
428	0.0000e+00	0.0000e+00	1.5975e-03	7.2371e-06	1.6022e-06	0.0000e+00
429	0.0000e+00	0.0000e+00	1.9985e-03	1.1733e-05	5.1614e-06	0.0000e+00
430	0.0000e+00	0.0000e+00	2.6013e-03	1.6794e-05	6.8399e-06	0.0000e+00
431	0.0000e+00	0.0000e+00	3.0344e-03	8.2973e-07	2.6112e-06	0.0000e+00
432	0.0000e+00	0.0000e+00	1.7387e-03	-3.9503e-06	3.2816e-05	0.0000e+00
433	0.0000e+00	0.0000e+00	1.5641e-03	-3.9864e-06	1.6880e-05	0.0000e+00
434	0.0000e+00	0.0000e+00	1.4086e-03	-3.1132e-06	8.4750e-06	0.0000e+00
435	0.0000e+00	0.0000e+00	1.3021e-03	-1.7677e-06	4.5091e-06	0.0000e+00
436	0.0000e+00	0.0000e+00	1.2590e-03	-2.1990e-07	3.2964e-06	0.0000e+00
437	0.0000e+00	0.0000e+00	1.2828e-03	1.3010e-06	4.3848e-06	0.0000e+00
438	0.0000e+00	0.0000e+00	1.3676e-03	2.5690e-06	8.1991e-06	0.0000e+00
439	0.0000e+00	0.0000e+00	1.4970e-03	3.3190e-06	1.6402e-05	0.0000e+00
440	0.0000e+00	0.0000e+00	1.6393e-03	3.1291e-06	3.2116e-05	0.0000e+00
441	0.0000e+00	0.0000e+00	3.0729e-03	-1.7341e-06	5.5130e-05	0.0000e+00
442	0.0000e+00	0.0000e+00	3.0822e-03	4.5094e-06	5.5056e-05	0.0000e+00
443	0.0000e+00	0.0000e+00	6.0420e-03	-4.8934e-06	8.5042e-05	0.0000e+00
444	0.0000e+00	0.0000e+00	3.1220e-03	3.2653e-06	5.2295e-05	0.0000e+00
445	0.0000e+00	0.0000e+00	5.7889e-03	-5.2247e-06	7.2667e-05	0.0000e+00
446	0.0000e+00	0.0000e+00	3.1184e-03	2.2412e-06	4.8956e-05	0.0000e+00
447	0.0000e+00	0.0000e+00	5.5666e-03	-4.0606e-06	6.4985e-05	0.0000e+00
448	0.0000e+00	0.0000e+00	3.1064e-03	1.3568e-06	4.6806e-05	0.0000e+00
449	0.0000e+00	0.0000e+00	5.4276e-03	1.9910e-06	6.0814e-05	0.0000e+00
450	0.0000e+00	0.0000e+00	3.1147e-03	7.3578e-07	4.6226e-05	0.0000e+00
451	0.0000e+00	0.0000e+00	5.4022e-03	1.0470e-06	5.9663e-05	0.0000e+00
452	0.0000e+00	0.0000e+00	3.1528e-03	-1.1647e-06	4.7291e-05	0.0000e+00
453	0.0000e+00	0.0000e+00	5.5001e-03	3.4472e-06	6.1407e-05	0.0000e+00
454	0.0000e+00	0.0000e+00	3.2093e-03	-1.7402e-06	4.9936e-05	0.0000e+00
455	0.0000e+00	0.0000e+00	5.7113e-03	5.5662e-06	6.6197e-05	0.0000e+00
456	0.0000e+00	0.0000e+00	3.2533e-03	-2.3440e-06	5.3793e-05	0.0000e+00
457	0.0000e+00	0.0000e+00	6.0054e-03	6.7383e-06	7.4553e-05	0.0000e+00
458	0.0000e+00	0.0000e+00	3.2466e-03	-3.4866e-06	5.7102e-05	0.0000e+00
459	0.0000e+00	0.0000e+00	6.3288e-03	6.3864e-06	8.7695e-05	0.0000e+00
460	0.0000e+00	0.0000e+00	3.2657e-03	2.3754e-06	5.7913e-05	0.0000e+00
461	0.0000e+00	0.0000e+00	-1.4273e-03	1.1311e-06	3.0001e-05	0.0000e+00
462	0.0000e+00	0.0000e+00	-1.4097e-03	3.2053e-06	3.0424e-05	0.0000e+00
463	0.0000e+00	0.0000e+00	-1.4345e-03	3.6523e-06	3.1117e-05	0.0000e+00
464	0.0000e+00	0.0000e+00	1.4622e-03	2.6830e-06	3.0931e-05	0.0000e+00
465	0.0000e+00	0.0000e+00	1.4813e-03	1.5391e-06	3.0599e-05	0.0000e+00
466	0.0000e+00	0.0000e+00	1.4952e-03	4.8657e-07	3.0555e-05	0.0000e+00
467	0.0000e+00	0.0000e+00	1.5058e-03	-7.0128e-07	3.0923e-05	0.0000e+00

468	0.0000e+00	0.0000e+00	1.5077e-03	-1.8408e-06	3.1569e-05	0.0000e+00
469	0.0000e+00	0.0000e+00	-1.4939e-03	-2.8886e-06	3.2049e-05	0.0000e+00
470	0.0000e+00	0.0000e+00	-1.4744e-03	-2.6638e-06	3.1610e-05	0.0000e+00
471	0.0000e+00	0.0000e+00	-1.4976e-03	1.3644e-06	3.1401e-05	0.0000e+00
472	0.0000e+00	0.0000e+00	-7.1916e-04	7.8000e-07	-1.3189e-05	0.0000e+00
473	0.0000e+00	0.0000e+00	-6.8290e-04	1.7023e-06	-1.3448e-05	0.0000e+00
474	0.0000e+00	0.0000e+00	-6.3945e-04	2.2784e-06	1.4370e-05	0.0000e+00
475	0.0000e+00	0.0000e+00	-6.0763e-04	1.8736e-06	1.5278e-05	0.0000e+00
476	0.0000e+00	0.0000e+00	-5.9108e-04	1.1126e-06	1.5872e-05	0.0000e+00
477	0.0000e+00	0.0000e+00	-5.8781e-04	3.1927e-07	1.6119e-05	0.0000e+00
478	0.0000e+00	0.0000e+00	-5.9597e-04	-5.5646e-07	1.6018e-05	0.0000e+00
479	0.0000e+00	0.0000e+00	-6.1368e-04	-1.3274e-06	1.5535e-05	0.0000e+00
480	0.0000e+00	0.0000e+00	-6.4070e-04	-1.7971e-06	1.4667e-05	0.0000e+00
481	0.0000e+00	0.0000e+00	-6.7696e-04	-1.4023e-06	1.3690e-05	0.0000e+00
482	0.0000e+00	0.0000e+00	-7.1463e-04	-9.9063e-07	-1.3332e-05	0.0000e+00
483	0.0000e+00	0.0000e+00	-3.5939e-04	-6.3678e-07	-8.6513e-06	0.0000e+00
484	0.0000e+00	0.0000e+00	-3.4114e-04	6.2838e-07	-7.9675e-06	0.0000e+00
485	0.0000e+00	0.0000e+00	-3.1357e-04	6.9979e-07	-6.8507e-06	0.0000e+00
486	0.0000e+00	0.0000e+00	-2.8601e-04	6.0322e-07	-6.1995e-06	0.0000e+00
487	0.0000e+00	0.0000e+00	-2.6565e-04	3.6453e-07	-6.1394e-06	0.0000e+00
488	0.0000e+00	0.0000e+00	-2.5522e-04	2.3132e-07	-6.1931e-06	0.0000e+00
489	0.0000e+00	0.0000e+00	-2.5603e-04	5.0649e-07	-6.0934e-06	0.0000e+00
490	0.0000e+00	0.0000e+00	-2.6968e-04	-7.5497e-07	-6.0595e-06	0.0000e+00
491	0.0000e+00	0.0000e+00	-2.9459e-04	-8.7884e-07	-6.6062e-06	0.0000e+00
492	0.0000e+00	0.0000e+00	-3.2418e-04	-9.3880e-07	-7.7212e-06	0.0000e+00
493	0.0000e+00	0.0000e+00	-3.5149e-04	1.0814e-06	-8.5450e-06	0.0000e+00
494	0.0000e+00	0.0000e+00	3.4056e-04	-6.9730e-07	-1.4939e-05	0.0000e+00
495	0.0000e+00	0.0000e+00	2.8407e-04	-1.8121e-06	-1.3854e-05	0.0000e+00
496	0.0000e+00	0.0000e+00	1.9022e-04	-2.3324e-06	-1.1579e-05	0.0000e+00
497	0.0000e+00	0.0000e+00	9.3073e-05	-2.0382e-06	-9.1972e-06	0.0000e+00
498	0.0000e+00	0.0000e+00	-3.2373e-05	-1.0909e-06	-7.5437e-06	0.0000e+00
499	0.0000e+00	0.0000e+00	-2.5744e-05	2.0623e-07	-6.9619e-06	0.0000e+00
500	0.0000e+00	0.0000e+00	4.3965e-05	1.5252e-06	-7.5183e-06	0.0000e+00
501	0.0000e+00	0.0000e+00	1.3016e-04	2.5463e-06	-9.1824e-06	0.0000e+00
502	0.0000e+00	0.0000e+00	2.5320e-04	2.9555e-06	-1.1648e-05	0.0000e+00
503	0.0000e+00	0.0000e+00	3.7788e-04	2.5759e-06	-1.4123e-05	0.0000e+00
504	0.0000e+00	0.0000e+00	4.7109e-04	1.5905e-06	-1.5565e-05	0.0000e+00
505	0.0000e+00	0.0000e+00	1.0712e-03	-8.6680e-07	-1.9656e-05	0.0000e+00
506	0.0000e+00	0.0000e+00	9.6453e-04	-3.8716e-06	-1.8233e-05	0.0000e+00
507	0.0000e+00	0.0000e+00	7.6145e-04	-5.1139e-06	-1.5275e-05	0.0000e+00
508	0.0000e+00	0.0000e+00	5.5107e-04	-4.3715e-06	-1.2389e-05	0.0000e+00
509	0.0000e+00	0.0000e+00	4.0560e-04	-2.3544e-06	-1.0493e-05	0.0000e+00
510	0.0000e+00	0.0000e+00	3.6026e-04	2.1762e-07	-9.8590e-06	0.0000e+00
511	0.0000e+00	0.0000e+00	4.2426e-04	2.8273e-06	-1.0529e-05	0.0000e+00
512	0.0000e+00	0.0000e+00	5.9257e-04	4.9599e-06	-1.2487e-05	0.0000e+00
513	0.0000e+00	0.0000e+00	8.3283e-04	5.8963e-06	-1.5489e-05	0.0000e+00
514	0.0000e+00	0.0000e+00	1.0759e-03	4.9233e-06	-1.8658e-05	0.0000e+00
515	0.0000e+00	0.0000e+00	1.2354e-03	2.2444e-06	-2.0420e-05	0.0000e+00
516	0.0000e+00	0.0000e+00	1.9491e-03	-9.9745e-07	-2.0327e-05	0.0000e+00
517	0.0000e+00	0.0000e+00	1.7712e-03	-6.7495e-06	-1.8296e-05	0.0000e+00
518	0.0000e+00	0.0000e+00	1.4251e-03	-8.4754e-06	-1.4473e-05	0.0000e+00
519	0.0000e+00	0.0000e+00	1.0872e-03	-6.7931e-06	-1.1553e-05	0.0000e+00
520	0.0000e+00	0.0000e+00	8.6334e-04	-3.5302e-06	-9.9956e-06	0.0000e+00
521	0.0000e+00	0.0000e+00	7.9260e-04	2.3960e-07	-9.5347e-06	0.0000e+00
522	0.0000e+00	0.0000e+00	8.8413e-04	4.0535e-06	-1.0036e-05	0.0000e+00
523	0.0000e+00	0.0000e+00	1.1333e-03	7.4580e-06	-1.1642e-05	0.0000e+00
524	0.0000e+00	0.0000e+00	1.5052e-03	9.3874e-06	-1.4633e-05	0.0000e+00
525	0.0000e+00	0.0000e+00	1.8986e-03	8.0189e-06	-1.8579e-05	0.0000e+00
526	0.0000e+00	0.0000e+00	2.1414e-03	2.7271e-06	-2.0784e-05	0.0000e+00
527	0.0000e+00	0.0000e+00	2.7290e-03	-9.8941e-07	-1.4952e-05	0.0000e+00
528	0.0000e+00	0.0000e+00	2.4467e-03	-1.0959e-05	-1.1810e-05	0.0000e+00
529	0.0000e+00	0.0000e+00	1.9286e-03	-1.1759e-05	-7.6214e-06	0.0000e+00
530	0.0000e+00	0.0000e+00	1.4909e-03	-8.3526e-06	-6.4091e-06	0.0000e+00
531	0.0000e+00	0.0000e+00	1.2236e-03	-4.0919e-06	-6.2395e-06	0.0000e+00
532	0.0000e+00	0.0000e+00	1.1414e-03	2.5238e-07	-6.2638e-06	0.0000e+00
533	0.0000e+00	0.0000e+00	1.2457e-03	4.6406e-06	-6.2449e-06	0.0000e+00
534	0.0000e+00	0.0000e+00	1.5395e-03	9.0428e-06	-6.4115e-06	0.0000e+00
535	0.0000e+00	0.0000e+00	2.0123e-03	1.2700e-05	-7.5991e-06	0.0000e+00
536	0.0000e+00	0.0000e+00	2.5797e-03	1.2298e-05	-1.1747e-05	0.0000e+00
537	0.0000e+00	0.0000e+00	2.9303e-03	2.8079e-06	-1.4841e-05	0.0000e+00
538	0.0000e+00	0.0000e+00	3.0352e-03	-7.9749e-07	2.6088e-06	0.0000e+00
539	0.0000e+00	0.0000e+00	2.6032e-03	-1.6784e-05	6.8251e-06	0.0000e+00



540	0.0000e+00	0.0000e+00	2.0004e-03	-1.1740e-05	5.1518e-06	0.0000e+00
541	0.0000e+00	0.0000e+00	1.5988e-03	-7.2518e-06	1.5957e-06	0.0000e+00
542	0.0000e+00	0.0000e+00	1.3730e-03	-3.3728e-06	-9.0308e-07	0.0000e+00
543	0.0000e+00	0.0000e+00	1.3063e-03	2.4235e-07	-1.5450e-06	0.0000e+00
544	0.0000e+00	0.0000e+00	1.3943e-03	3.8949e-06	-8.5398e-07	0.0000e+00
545	0.0000e+00	0.0000e+00	1.6449e-03	7.8907e-06	1.7064e-06	0.0000e+00
546	0.0000e+00	0.0000e+00	2.0784e-03	1.2579e-05	5.3944e-06	0.0000e+00
547	0.0000e+00	0.0000e+00	2.7244e-03	1.7934e-05	7.2498e-06	0.0000e+00
548	0.0000e+00	0.0000e+00	3.2120e-03	2.3265e-06	3.7314e-06	0.0000e+00
549	0.0000e+00	0.0000e+00	1.6415e-03	-3.1219e-06	3.2117e-05	0.0000e+00
550	0.0000e+00	0.0000e+00	1.4990e-03	-3.3282e-06	1.6402e-05	0.0000e+00
551	0.0000e+00	0.0000e+00	1.3691e-03	-2.5853e-06	8.1984e-06	0.0000e+00
552	0.0000e+00	0.0000e+00	1.2834e-03	-1.3207e-06	4.3835e-06	0.0000e+00
553	0.0000e+00	0.0000e+00	1.2586e-03	1.9914e-07	3.2951e-06	0.0000e+00
554	0.0000e+00	0.0000e+00	1.3009e-03	1.7474e-06	4.5091e-06	0.0000e+00
555	0.0000e+00	0.0000e+00	1.4065e-03	3.0957e-06	8.4768e-06	0.0000e+00
556	0.0000e+00	0.0000e+00	1.5613e-03	3.9758e-06	1.6884e-05	0.0000e+00
557	0.0000e+00	0.0000e+00	1.7358e-03	3.9567e-06	3.2822e-05	0.0000e+00
558	0.0000e+00	0.0000e+00	3.1663e-03	-3.1216e-06	5.7184e-05	0.0000e+00
559	0.0000e+00	0.0000e+00	3.1150e-03	3.6059e-06	5.6129e-05	0.0000e+00
560	0.0000e+00	0.0000e+00	6.1637e-03	-7.5095e-06	8.6700e-05	0.0000e+00
561	0.0000e+00	0.0000e+00	3.0861e-03	2.9849e-06	5.2527e-05	0.0000e+00
562	0.0000e+00	0.0000e+00	5.7893e-03	-8.0657e-06	7.3207e-05	0.0000e+00
563	0.0000e+00	0.0000e+00	2.9981e-03	2.9353e-06	4.8322e-05	0.0000e+00
564	0.0000e+00	0.0000e+00	5.4344e-03	-7.1324e-06	6.4461e-05	0.0000e+00
565	0.0000e+00	0.0000e+00	2.8874e-03	2.6851e-06	4.5279e-05	0.0000e+00
566	0.0000e+00	0.0000e+00	5.1512e-03	-5.2498e-06	5.9236e-05	0.0000e+00
567	0.0000e+00	0.0000e+00	2.7845e-03	-2.1461e-06	4.3767e-05	0.0000e+00
568	0.0000e+00	0.0000e+00	4.9699e-03	-2.8909e-06	5.7010e-05	0.0000e+00
569	0.0000e+00	0.0000e+00	2.7016e-03	-1.7326e-06	4.3851e-05	0.0000e+00
570	0.0000e+00	0.0000e+00	4.9017e-03	5.8131e-07	5.7630e-05	0.0000e+00
571	0.0000e+00	0.0000e+00	2.6315e-03	-1.9749e-06	4.5455e-05	0.0000e+00
572	0.0000e+00	0.0000e+00	4.9403e-03	1.6976e-06	6.1215e-05	0.0000e+00
573	0.0000e+00	0.0000e+00	2.5505e-03	-3.0292e-06	4.8194e-05	0.0000e+00
574	0.0000e+00	0.0000e+00	5.0619e-03	3.0033e-06	6.8247e-05	0.0000e+00
575	0.0000e+00	0.0000e+00	2.4327e-03	-4.2968e-06	5.0252e-05	0.0000e+00
576	0.0000e+00	0.0000e+00	5.2241e-03	3.1168e-06	7.9888e-05	0.0000e+00
577	0.0000e+00	0.0000e+00	2.3801e-03	1.7358e-06	4.9627e-05	0.0000e+00
578	0.0000e+00	0.0000e+00	-1.4239e-03	1.8821e-06	3.0712e-05	0.0000e+00
579	0.0000e+00	0.0000e+00	-1.3774e-03	2.7058e-06	3.0706e-05	0.0000e+00
580	0.0000e+00	0.0000e+00	1.3719e-03	2.8950e-06	3.0915e-05	0.0000e+00
581	0.0000e+00	0.0000e+00	1.3547e-03	2.0745e-06	3.0158e-05	0.0000e+00
582	0.0000e+00	0.0000e+00	1.3134e-03	1.4998e-06	2.9184e-05	0.0000e+00
583	0.0000e+00	0.0000e+00	1.2538e-03	-1.4974e-06	2.8439e-05	0.0000e+00
584	0.0000e+00	0.0000e+00	1.1814e-03	-2.0292e-06	2.8058e-05	0.0000e+00
585	0.0000e+00	0.0000e+00	1.0961e-03	-2.9022e-06	2.7919e-05	0.0000e+00
586	0.0000e+00	0.0000e+00	-9.9999e-04	-3.6366e-06	2.7590e-05	0.0000e+00
587	0.0000e+00	0.0000e+00	-9.1706e-04	-2.7498e-06	2.6334e-05	0.0000e+00
588	0.0000e+00	0.0000e+00	-9.0593e-04	1.6697e-06	2.5414e-05	0.0000e+00
589	0.0000e+00	0.0000e+00	-6.7296e-04	1.2785e-06	-1.2676e-05	0.0000e+00
590	0.0000e+00	0.0000e+00	-6.2235e-04	1.5094e-06	1.2845e-05	0.0000e+00
591	0.0000e+00	0.0000e+00	-5.6980e-04	1.8342e-06	1.3644e-05	0.0000e+00
592	0.0000e+00	0.0000e+00	-5.2132e-04	1.4579e-06	1.4308e-05	0.0000e+00
593	0.0000e+00	0.0000e+00	-4.7602e-04	1.0198e-06	1.4541e-05	0.0000e+00
594	0.0000e+00	0.0000e+00	-4.3426e-04	-1.0095e-06	1.4338e-05	0.0000e+00
595	0.0000e+00	0.0000e+00	-4.0049e-04	-1.4402e-06	1.3731e-05	0.0000e+00
596	0.0000e+00	0.0000e+00	-3.8326e-04	-1.9855e-06	1.2718e-05	0.0000e+00
597	0.0000e+00	0.0000e+00	-3.9276e-04	-2.1473e-06	1.1345e-05	0.0000e+00
598	0.0000e+00	0.0000e+00	-4.2025e-04	-1.1277e-06	9.9786e-06	0.0000e+00
599	0.0000e+00	0.0000e+00	-4.2432e-04	1.4821e-06	9.4750e-06	0.0000e+00
600	0.0000e+00	0.0000e+00	-3.3474e-04	-1.1803e-06	-8.2980e-06	0.0000e+00
601	0.0000e+00	0.0000e+00	-3.0270e-04	1.0947e-06	-7.3676e-06	0.0000e+00
602	0.0000e+00	0.0000e+00	-2.6850e-04	1.1022e-06	-6.0377e-06	0.0000e+00
603	0.0000e+00	0.0000e+00	-2.3943e-04	1.0748e-06	-5.1884e-06	0.0000e+00
604	0.0000e+00	0.0000e+00	-2.2292e-04	9.3024e-07	-4.9308e-06	0.0000e+00
605	0.0000e+00	0.0000e+00	-2.1944e-04	-6.7774e-07	-4.7660e-06	0.0000e+00
606	0.0000e+00	0.0000e+00	-2.2377e-04	-4.2073e-07	-4.4857e-06	0.0000e+00
607	0.0000e+00	0.0000e+00	-2.3176e-04	-2.7377e-07	-4.5055e-06	0.0000e+00
608	0.0000e+00	0.0000e+00	-2.4036e-04	-1.6682e-07	-5.4030e-06	0.0000e+00
609	0.0000e+00	0.0000e+00	-2.4132e-04	3.3375e-07	-6.7139e-06	0.0000e+00
610	0.0000e+00	0.0000e+00	-2.2065e-04	1.2109e-06	-7.2001e-06	0.0000e+00
611	0.0000e+00	0.0000e+00	4.7514e-04	-1.5866e-06	-1.5570e-05	0.0000e+00

612	0.0000e+00	0.0000e+00	3.8129e-04	-2.6068e-06	-1.4140e-05	0.0000e+00
613	0.0000e+00	0.0000e+00	2.5406e-04	-3.0328e-06	-1.1669e-05	0.0000e+00
614	0.0000e+00	0.0000e+00	1.2576e-04	-2.6789e-06	-9.1879e-06	0.0000e+00
615	0.0000e+00	0.0000e+00	2.9261e-05	-1.7182e-06	-7.4878e-06	0.0000e+00
616	0.0000e+00	0.0000e+00	-2.3317e-05	-4.8118e-07	-6.9068e-06	0.0000e+00
617	0.0000e+00	0.0000e+00	-1.3165e-05	8.5519e-07	-7.5143e-06	0.0000e+00
618	0.0000e+00	0.0000e+00	4.6714e-05	1.7945e-06	-9.2201e-06	0.0000e+00
619	0.0000e+00	0.0000e+00	1.3595e-04	2.1479e-06	-1.1600e-05	0.0000e+00
620	0.0000e+00	0.0000e+00	2.2487e-04	1.7710e-06	-1.3733e-05	0.0000e+00
621	0.0000e+00	0.0000e+00	2.8467e-04	9.0725e-07	-1.4429e-05	0.0000e+00
622	0.0000e+00	0.0000e+00	1.2418e-03	-2.2054e-06	-2.0424e-05	0.0000e+00
623	0.0000e+00	0.0000e+00	1.0828e-03	-4.9124e-06	-1.8675e-05	0.0000e+00
624	0.0000e+00	0.0000e+00	8.3886e-04	-5.9191e-06	-1.5524e-05	0.0000e+00
625	0.0000e+00	0.0000e+00	5.9582e-04	-5.0227e-06	-1.2540e-05	0.0000e+00
626	0.0000e+00	0.0000e+00	4.2307e-04	-2.9353e-06	-1.0603e-05	0.0000e+00
627	0.0000e+00	0.0000e+00	3.5412e-04	-3.9058e-07	-9.9542e-06	0.0000e+00
628	0.0000e+00	0.0000e+00	3.9403e-04	2.1628e-06	-1.0606e-05	0.0000e+00
629	0.0000e+00	0.0000e+00	5.3189e-04	4.1403e-06	-1.2501e-05	0.0000e+00
630	0.0000e+00	0.0000e+00	7.3235e-04	4.8552e-06	-1.5329e-05	0.0000e+00
631	0.0000e+00	0.0000e+00	9.2424e-04	3.5998e-06	-1.8119e-05	0.0000e+00
632	0.0000e+00	0.0000e+00	1.0197e-03	6.0070e-07	-1.9162e-05	0.0000e+00
633	0.0000e+00	0.0000e+00	2.1473e-03	-2.6793e-06	-2.0762e-05	0.0000e+00
634	0.0000e+00	0.0000e+00	1.9056e-03	-7.9931e-06	-1.8563e-05	0.0000e+00
635	0.0000e+00	0.0000e+00	1.5119e-03	-9.3880e-06	-1.4626e-05	0.0000e+00
636	0.0000e+00	0.0000e+00	1.1380e-03	-7.4906e-06	-1.1649e-05	0.0000e+00
637	0.0000e+00	0.0000e+00	8.8526e-04	-4.1249e-06	-1.0061e-05	0.0000e+00
638	0.0000e+00	0.0000e+00	7.8916e-04	-3.6336e-07	-9.5810e-06	0.0000e+00
639	0.0000e+00	0.0000e+00	8.5440e-04	3.3520e-06	-1.0057e-05	0.0000e+00
640	0.0000e+00	0.0000e+00	1.0704e-03	6.5399e-06	-1.1609e-05	0.0000e+00
641	0.0000e+00	0.0000e+00	1.3964e-03	8.1258e-06	-1.4483e-05	0.0000e+00
642	0.0000e+00	0.0000e+00	1.7253e-03	6.2626e-06	-1.8194e-05	0.0000e+00
643	0.0000e+00	0.0000e+00	1.8782e-03	3.0632e-07	-1.9949e-05	0.0000e+00
644	0.0000e+00	0.0000e+00	2.9349e-03	-2.7590e-06	-1.4801e-05	0.0000e+00
645	0.0000e+00	0.0000e+00	2.5855e-03	-1.2268e-05	-1.1710e-05	0.0000e+00
646	0.0000e+00	0.0000e+00	2.0182e-03	-1.2693e-05	-7.5658e-06	0.0000e+00
647	0.0000e+00	0.0000e+00	1.5441e-03	-9.0599e-06	-6.3873e-06	0.0000e+00
648	0.0000e+00	0.0000e+00	1.2477e-03	-4.6905e-06	-6.2380e-06	0.0000e+00
649	0.0000e+00	0.0000e+00	1.1397e-03	-3.4945e-07	-6.2796e-06	0.0000e+00
650	0.0000e+00	0.0000e+00	1.2167e-03	3.9260e-06	-6.2770e-06	0.0000e+00
651	0.0000e+00	0.0000e+00	1.4758e-03	8.0881e-06	-6.4576e-06	0.0000e+00
652	0.0000e+00	0.0000e+00	1.9001e-03	1.1357e-05	-7.6545e-06	0.0000e+00
653	0.0000e+00	0.0000e+00	2.3976e-03	1.0374e-05	-1.1806e-05	0.0000e+00
654	0.0000e+00	0.0000e+00	2.6476e-03	4.8203e-08	-1.4871e-05	0.0000e+00
655	0.0000e+00	0.0000e+00	3.2150e-03	-2.2712e-06	3.7660e-06	0.0000e+00
656	0.0000e+00	0.0000e+00	2.7289e-03	-1.7905e-05	7.2776e-06	0.0000e+00
657	0.0000e+00	0.0000e+00	2.0831e-03	-1.2567e-05	5.4204e-06	0.0000e+00
658	0.0000e+00	0.0000e+00	1.6489e-03	-7.8939e-06	1.7059e-06	0.0000e+00
659	0.0000e+00	0.0000e+00	1.3968e-03	-3.9219e-06	-8.1304e-07	0.0000e+00
660	0.0000e+00	0.0000e+00	1.3065e-03	-3.1072e-07	-1.5541e-06	0.0000e+00
661	0.0000e+00	0.0000e+00	1.3690e-03	3.2336e-06	-9.2164e-07	0.0000e+00
662	0.0000e+00	0.0000e+00	1.5872e-03	7.0034e-06	1.4645e-06	0.0000e+00
663	0.0000e+00	0.0000e+00	1.9755e-03	1.1331e-05	5.0078e-06	0.0000e+00
664	0.0000e+00	0.0000e+00	2.5568e-03	1.6171e-05	6.6377e-06	0.0000e+00
665	0.0000e+00	0.0000e+00	2.9519e-03	-2.1871e-07	2.7320e-06	0.0000e+00
666	0.0000e+00	0.0000e+00	1.7392e-03	-3.9221e-06	3.2838e-05	0.0000e+00
667	0.0000e+00	0.0000e+00	1.5654e-03	-3.9491e-06	1.6878e-05	0.0000e+00
668	0.0000e+00	0.0000e+00	1.4111e-03	-3.0731e-06	8.4359e-06	0.0000e+00
669	0.0000e+00	0.0000e+00	1.3058e-03	-1.7381e-06	4.4142e-06	0.0000e+00
670	0.0000e+00	0.0000e+00	1.2631e-03	-2.2249e-07	3.1352e-06	0.0000e+00
671	0.0000e+00	0.0000e+00	1.2858e-03	1.2320e-06	4.1680e-06	0.0000e+00
672	0.0000e+00	0.0000e+00	1.3659e-03	2.3889e-06	7.9258e-06	0.0000e+00
673	0.0000e+00	0.0000e+00	1.4846e-03	2.9702e-06	1.6066e-05	0.0000e+00
674	0.0000e+00	0.0000e+00	1.6074e-03	2.5477e-06	3.1648e-05	0.0000e+00
675	0.0000e+00	0.0000e+00	2.5465e-03	7.9717e-06	5.0085e-05	0.0000e+00
676	0.0000e+00	0.0000e+00	5.3635e-03	9.6808e-07	8.0891e-05	0.0000e+00
677	0.0000e+00	0.0000e+00	2.8079e-03	7.7421e-06	4.8577e-05	0.0000e+00
678	0.0000e+00	0.0000e+00	5.3581e-03	1.4915e-06	6.9207e-05	0.0000e+00
679	0.0000e+00	0.0000e+00	3.0778e-03	7.8291e-06	4.5930e-05	0.0000e+00
680	0.0000e+00	0.0000e+00	5.4124e-03	3.2577e-06	6.1385e-05	0.0000e+00
681	0.0000e+00	0.0000e+00	3.3878e-03	9.0153e-06	4.3922e-05	0.0000e+00
682	0.0000e+00	0.0000e+00	5.5767e-03	6.2210e-06	5.6381e-05	0.0000e+00
683	0.0000e+00	0.0000e+00	3.7736e-03	1.1067e-05	4.2957e-05	0.0000e+00

684	0.0000e+00	0.0000e+00	5.8852e-03	9.9025e-06	5.3604e-05	0.0000e+00
685	0.0000e+00	0.0000e+00	4.2582e-03	1.3572e-05	4.3084e-05	0.0000e+00
686	0.0000e+00	0.0000e+00	6.3562e-03	1.3853e-05	5.2728e-05	0.0000e+00
687	0.0000e+00	0.0000e+00	4.8475e-03	1.6031e-05	4.4219e-05	0.0000e+00
688	0.0000e+00	0.0000e+00	6.9912e-03	1.7603e-05	5.3584e-05	0.0000e+00
689	0.0000e+00	0.0000e+00	5.5273e-03	1.7881e-05	4.6174e-05	0.0000e+00
690	0.0000e+00	0.0000e+00	7.7722e-03	2.0622e-05	5.6163e-05	0.0000e+00
691	0.0000e+00	0.0000e+00	6.2646e-03	1.8765e-05	4.8270e-05	0.0000e+00
692	0.0000e+00	0.0000e+00	8.6588e-03	2.2296e-05	6.0678e-05	0.0000e+00
693	0.0000e+00	0.0000e+00	7.0374e-03	1.9870e-05	5.0986e-05	0.0000e+00
694	0.0000e+00	0.0000e+00	-1.0029e-03	6.0528e-06	2.6439e-05	0.0000e+00
695	0.0000e+00	0.0000e+00	1.2079e-03	7.9639e-06	2.7903e-05	0.0000e+00
696	0.0000e+00	0.0000e+00	1.4821e-03	8.6623e-06	2.8610e-05	0.0000e+00
697	0.0000e+00	0.0000e+00	1.8085e-03	9.4989e-06	2.9052e-05	0.0000e+00
698	0.0000e+00	0.0000e+00	2.1947e-03	1.0861e-05	2.9622e-05	0.0000e+00
699	0.0000e+00	0.0000e+00	2.6542e-03	1.2627e-05	3.0485e-05	0.0000e+00
700	0.0000e+00	0.0000e+00	3.1929e-03	1.4480e-05	3.1622e-05	0.0000e+00
701	0.0000e+00	0.0000e+00	3.8048e-03	1.6086e-05	3.2883e-05	0.0000e+00
702	0.0000e+00	0.0000e+00	4.4744e-03	1.7307e-05	3.3871e-05	0.0000e+00
703	0.0000e+00	0.0000e+00	5.1834e-03	1.8054e-05	3.5907e-05	0.0000e+00
704	0.0000e+00	0.0000e+00	-4.0377e-04	4.1036e-06	1.0216e-05	0.0000e+00
705	0.0000e+00	0.0000e+00	-4.4201e-04	5.9141e-06	1.1818e-05	0.0000e+00
706	0.0000e+00	0.0000e+00	6.0101e-04	7.0673e-06	1.3641e-05	0.0000e+00
707	0.0000e+00	0.0000e+00	8.5719e-04	8.1782e-06	1.5333e-05	0.0000e+00
708	0.0000e+00	0.0000e+00	1.1897e-03	9.6075e-06	1.6838e-05	0.0000e+00
709	0.0000e+00	0.0000e+00	1.5984e-03	1.1362e-05	1.8179e-05	0.0000e+00
710	0.0000e+00	0.0000e+00	2.0864e-03	1.3245e-05	1.9358e-05	0.0000e+00
711	0.0000e+00	0.0000e+00	2.6504e-03	1.4993e-05	2.0382e-05	0.0000e+00
712	0.0000e+00	0.0000e+00	3.2775e-03	1.6311e-05	2.1166e-05	0.0000e+00
713	0.0000e+00	0.0000e+00	3.9381e-03	1.6578e-05	2.3243e-05	0.0000e+00
714	0.0000e+00	0.0000e+00	-1.8252e-04	2.2359e-06	-6.4064e-06	0.0000e+00
715	0.0000e+00	0.0000e+00	-1.6814e-04	3.2796e-06	-5.0374e-06	0.0000e+00
716	0.0000e+00	0.0000e+00	-2.5081e-04	4.4263e-06	-4.4545e-06	0.0000e+00
717	0.0000e+00	0.0000e+00	4.2973e-04	5.8747e-06	-5.3414e-06	0.0000e+00
718	0.0000e+00	0.0000e+00	6.9048e-04	7.7123e-06	6.8483e-06	0.0000e+00
719	0.0000e+00	0.0000e+00	1.0371e-03	9.8503e-06	8.2984e-06	0.0000e+00
720	0.0000e+00	0.0000e+00	1.4740e-03	1.2064e-05	9.4983e-06	0.0000e+00
721	0.0000e+00	0.0000e+00	1.9965e-03	1.4031e-05	1.0495e-05	0.0000e+00
722	0.0000e+00	0.0000e+00	2.5858e-03	1.5320e-05	1.1291e-05	0.0000e+00
723	0.0000e+00	0.0000e+00	3.2007e-03	1.5232e-05	1.3442e-05	0.0000e+00
724	0.0000e+00	0.0000e+00	3.0686e-04	2.9128e-07	-1.3304e-05	0.0000e+00
725	0.0000e+00	0.0000e+00	3.1602e-04	3.6135e-07	-1.0887e-05	0.0000e+00
726	0.0000e+00	0.0000e+00	3.4495e-04	1.3080e-06	-7.9902e-06	0.0000e+00
727	0.0000e+00	0.0000e+00	4.2938e-04	3.0914e-06	-5.4059e-06	0.0000e+00
728	0.0000e+00	0.0000e+00	5.9860e-04	5.4832e-06	-3.7403e-06	0.0000e+00
729	0.0000e+00	0.0000e+00	8.7107e-04	8.1910e-06	-3.3369e-06	0.0000e+00
730	0.0000e+00	0.0000e+00	1.2526e-03	1.0872e-05	-3.7922e-06	0.0000e+00
731	0.0000e+00	0.0000e+00	1.7335e-03	1.3096e-05	-4.5083e-06	0.0000e+00
732	0.0000e+00	0.0000e+00	2.2852e-03	1.4326e-05	-5.2122e-06	0.0000e+00
733	0.0000e+00	0.0000e+00	2.8536e-03	1.3885e-05	-7.0374e-06	0.0000e+00
734	0.0000e+00	0.0000e+00	9.8780e-04	-2.0194e-06	-1.7743e-05	0.0000e+00
735	0.0000e+00	0.0000e+00	8.7947e-04	-3.0794e-06	-1.4734e-05	0.0000e+00
736	0.0000e+00	0.0000e+00	7.6766e-04	-2.2590e-06	-1.1325e-05	0.0000e+00
737	0.0000e+00	0.0000e+00	7.1903e-04	-5.0737e-07	-8.3221e-06	0.0000e+00
738	0.0000e+00	0.0000e+00	7.7729e-04	3.1569e-06	-6.0122e-06	0.0000e+00
739	0.0000e+00	0.0000e+00	9.6494e-04	6.4865e-06	-4.4398e-06	0.0000e+00
740	0.0000e+00	0.0000e+00	1.2857e-03	9.6787e-06	-3.5886e-06	0.0000e+00
741	0.0000e+00	0.0000e+00	1.7233e-03	1.2192e-05	-3.3313e-06	0.0000e+00
742	0.0000e+00	0.0000e+00	2.2370e-03	1.3354e-05	-3.5029e-06	0.0000e+00
743	0.0000e+00	0.0000e+00	2.7561e-03	1.2423e-05	-4.0855e-06	0.0000e+00
744	0.0000e+00	0.0000e+00	1.7758e-03	-5.0705e-06	-1.7942e-05	0.0000e+00
745	0.0000e+00	0.0000e+00	1.5215e-03	-7.0938e-06	-1.4085e-05	0.0000e+00
746	0.0000e+00	0.0000e+00	1.2575e-03	-5.8736e-06	-1.0528e-05	0.0000e+00
747	0.0000e+00	0.0000e+00	1.0819e-03	-2.8791e-06	-7.8358e-06	0.0000e+00
748	0.0000e+00	0.0000e+00	1.0409e-03	1.0531e-06	-5.8207e-06	0.0000e+00
749	0.0000e+00	0.0000e+00	1.1507e-03	4.8101e-06	-4.2579e-06	0.0000e+00
750	0.0000e+00	0.0000e+00	1.4110e-03	8.4212e-06	-3.0996e-06	0.0000e+00
751	0.0000e+00	0.0000e+00	1.8023e-03	1.1230e-05	-2.4281e-06	0.0000e+00
752	0.0000e+00	0.0000e+00	2.2761e-03	1.2345e-05	-2.3814e-06	0.0000e+00
753	0.0000e+00	0.0000e+00	2.7403e-03	1.0690e-05	-3.4043e-06	0.0000e+00
754	0.0000e+00	0.0000e+00	2.4408e-03	-9.5250e-06	-1.1719e-05	0.0000e+00
755	0.0000e+00	0.0000e+00	2.0080e-03	-1.1297e-05	-7.2467e-06	0.0000e+00

756	0.0000e+00	0.0000e+00	1.6113e-03	-8.6622e-06	-5.0908e-06	0.0000e+00
757	0.0000e+00	0.0000e+00	1.3463e-03	-4.8290e-06	-3.8942e-06	0.0000e+00
758	0.0000e+00	0.0000e+00	1.2356e-03	-9.1652e-07	-2.8213e-06	0.0000e+00
759	0.0000e+00	0.0000e+00	1.2801e-03	3.1568e-06	-1.5273e-06	0.0000e+00
760	0.0000e+00	0.0000e+00	1.4744e-03	6.8063e-06	-7.4092e-07	0.0000e+00
761	0.0000e+00	0.0000e+00	1.8027e-03	9.8107e-06	2.3105e-06	0.0000e+00
762	0.0000e+00	0.0000e+00	2.2209e-03	1.1046e-05	3.6846e-06	0.0000e+00
763	0.0000e+00	0.0000e+00	2.6157e-03	8.4412e-06	7.4745e-06	0.0000e+00
764	0.0000e+00	0.0000e+00	2.6035e-03	-1.6312e-05	6.3887e-06	0.0000e+00
765	0.0000e+00	0.0000e+00	2.0463e-03	-1.2507e-05	6.4601e-06	0.0000e+00
766	0.0000e+00	0.0000e+00	1.6440e-03	-8.4362e-06	3.7563e-06	0.0000e+00
767	0.0000e+00	0.0000e+00	1.3861e-03	-4.8855e-06	2.1080e-06	0.0000e+00
768	0.0000e+00	0.0000e+00	1.2582e-03	-1.6938e-06	1.8143e-06	0.0000e+00
769	0.0000e+00	0.0000e+00	1.2513e-03	1.4221e-06	2.8669e-06	0.0000e+00
770	0.0000e+00	0.0000e+00	1.3600e-03	4.2886e-06	5.1613e-06	0.0000e+00
771	0.0000e+00	0.0000e+00	1.5776e-03	6.9236e-06	8.5603e-06	0.0000e+00
772	0.0000e+00	0.0000e+00	1.8840e-03	8.6735e-06	1.2030e-05	0.0000e+00
773	0.0000e+00	0.0000e+00	2.1722e-03	5.3339e-06	1.7640e-05	0.0000e+00
774	0.0000e+00	0.0000e+00	1.5889e-03	-3.2277e-06	3.4387e-05	0.0000e+00
775	0.0000e+00	0.0000e+00	1.4469e-03	-3.8539e-06	1.9597e-05	0.0000e+00
776	0.0000e+00	0.0000e+00	1.2974e-03	-3.6204e-06	1.1287e-05	0.0000e+00
777	0.0000e+00	0.0000e+00	1.1676e-03	-2.8681e-06	7.4997e-06	0.0000e+00
778	0.0000e+00	0.0000e+00	1.0734e-03	-1.8197e-06	6.4324e-06	0.0000e+00
779	0.0000e+00	0.0000e+00	1.0234e-03	-6.9410e-07	7.4296e-06	0.0000e+00
780	0.0000e+00	0.0000e+00	1.0194e-03	6.9691e-07	1.0269e-05	0.0000e+00
781	0.0000e+00	0.0000e+00	1.0567e-03	1.5757e-06	1.5074e-05	0.0000e+00
782	0.0000e+00	0.0000e+00	1.1208e-03	1.9992e-06	2.1638e-05	0.0000e+00
783	0.0000e+00	0.0000e+00	3.2392e-03	6.3791e-06	5.6637e-05	0.0000e+00
784	0.0000e+00	0.0000e+00	6.2731e-03	1.1544e-07	8.7175e-05	0.0000e+00
785	0.0000e+00	0.0000e+00	3.4160e-03	4.2610e-06	5.5517e-05	0.0000e+00
786	0.0000e+00	0.0000e+00	6.2370e-03	-4.9044e-07	7.7032e-05	0.0000e+00
787	0.0000e+00	0.0000e+00	3.5242e-03	2.2794e-06	5.3857e-05	0.0000e+00
788	0.0000e+00	0.0000e+00	6.2112e-03	4.8890e-08	7.1766e-05	0.0000e+00
789	0.0000e+00	0.0000e+00	3.5826e-03	8.7571e-07	5.3420e-05	0.0000e+00
790	0.0000e+00	0.0000e+00	6.2341e-03	1.2271e-06	7.0346e-05	0.0000e+00
791	0.0000e+00	0.0000e+00	3.6014e-03	-1.1979e-06	5.4510e-05	0.0000e+00
792	0.0000e+00	0.0000e+00	6.3188e-03	2.4016e-06	7.2502e-05	0.0000e+00
793	0.0000e+00	0.0000e+00	3.5709e-03	-2.9939e-06	5.6837e-05	0.0000e+00
794	0.0000e+00	0.0000e+00	6.4533e-03	3.0001e-06	7.8520e-05	0.0000e+00
795	0.0000e+00	0.0000e+00	3.4719e-03	-5.0203e-06	5.8652e-05	0.0000e+00
796	0.0000e+00	0.0000e+00	6.6000e-03	2.3939e-06	8.9454e-05	0.0000e+00
797	0.0000e+00	0.0000e+00	3.3902e-03	6.3258e-08	5.7930e-05	0.0000e+00
798	0.0000e+00	0.0000e+00	-1.5149e-03	4.1727e-06	3.1416e-05	0.0000e+00
799	0.0000e+00	0.0000e+00	-1.6285e-03	4.1929e-06	3.3022e-05	0.0000e+00
800	0.0000e+00	0.0000e+00	-1.7229e-03	2.5214e-06	3.3662e-05	0.0000e+00
801	0.0000e+00	0.0000e+00	-1.7730e-03	5.8732e-07	3.3965e-05	0.0000e+00
802	0.0000e+00	0.0000e+00	-1.7733e-03	-1.6513e-06	3.4175e-05	0.0000e+00
803	0.0000e+00	0.0000e+00	-1.7283e-03	-3.3118e-06	3.4048e-05	0.0000e+00
804	0.0000e+00	0.0000e+00	-1.6616e-03	-3.3157e-06	3.2953e-05	0.0000e+00
805	0.0000e+00	0.0000e+00	-1.6283e-03	4.2279e-08	3.2072e-05	0.0000e+00
806	0.0000e+00	0.0000e+00	-7.4313e-04	2.2687e-06	-1.3971e-05	0.0000e+00
807	0.0000e+00	0.0000e+00	-7.6043e-04	2.5643e-06	1.5245e-05	0.0000e+00
808	0.0000e+00	0.0000e+00	-7.8459e-04	1.6762e-06	1.6315e-05	0.0000e+00
809	0.0000e+00	0.0000e+00	-8.0409e-04	3.7244e-07	1.6815e-05	0.0000e+00
810	0.0000e+00	0.0000e+00	-8.1129e-04	-1.1345e-06	1.6669e-05	0.0000e+00
811	0.0000e+00	0.0000e+00	-8.1069e-04	-2.0097e-06	1.5936e-05	0.0000e+00
812	0.0000e+00	0.0000e+00	-8.1233e-04	-1.7101e-06	-1.4961e-05	0.0000e+00
813	0.0000e+00	0.0000e+00	-8.1498e-04	2.5101e-08	-1.4493e-05	0.0000e+00
814	0.0000e+00	0.0000e+00	-3.6852e-04	8.5124e-07	-8.4240e-06	0.0000e+00
815	0.0000e+00	0.0000e+00	-3.6829e-04	8.3408e-07	-7.7333e-06	0.0000e+00
816	0.0000e+00	0.0000e+00	-3.6895e-04	5.5860e-07	-7.3431e-06	0.0000e+00
817	0.0000e+00	0.0000e+00	-3.7327e-04	2.2874e-07	-7.3070e-06	0.0000e+00
818	0.0000e+00	0.0000e+00	-3.8150e-04	-2.8942e-07	-7.4556e-06	0.0000e+00
819	0.0000e+00	0.0000e+00	-3.9233e-04	-4.8975e-07	-7.8970e-06	0.0000e+00
820	0.0000e+00	0.0000e+00	-4.0255e-04	-4.0895e-07	-8.6087e-06	0.0000e+00
821	0.0000e+00	0.0000e+00	-4.0684e-04	1.2159e-08	-8.9907e-06	0.0000e+00
822	0.0000e+00	0.0000e+00	3.4598e-04	-4.6682e-07	-1.4354e-05	0.0000e+00
823	0.0000e+00	0.0000e+00	3.1586e-04	-9.2941e-07	-1.2705e-05	0.0000e+00
824	0.0000e+00	0.0000e+00	2.8195e-04	-6.4980e-07	-1.1152e-05	0.0000e+00
825	0.0000e+00	0.0000e+00	2.7141e-04	1.4190e-07	-1.0533e-05	0.0000e+00
826	0.0000e+00	0.0000e+00	2.9482e-04	9.2373e-07	-1.1116e-05	0.0000e+00
827	0.0000e+00	0.0000e+00	3.4392e-04	1.2846e-06	-1.2651e-05	0.0000e+00

828	0.0000e+00	0.0000e+00	3.9390e-04	9.3278e-07	-1.4339e-05	0.0000e+00
829	0.0000e+00	0.0000e+00	4.1515e-04	2.8935e-09	-1.5084e-05	0.0000e+00
830	0.0000e+00	0.0000e+00	1.0400e-03	-2.0536e-06	-1.8664e-05	0.0000e+00
831	0.0000e+00	0.0000e+00	9.1985e-04	-3.0743e-06	-1.6267e-05	0.0000e+00
832	0.0000e+00	0.0000e+00	8.0192e-04	-2.0653e-06	-1.4161e-05	0.0000e+00
833	0.0000e+00	0.0000e+00	7.5676e-04	9.3992e-08	-1.3355e-05	0.0000e+00
834	0.0000e+00	0.0000e+00	8.1001e-04	2.2824e-06	-1.4129e-05	0.0000e+00
835	0.0000e+00	0.0000e+00	9.3979e-04	3.4195e-06	-1.6225e-05	0.0000e+00
836	0.0000e+00	0.0000e+00	1.0792e-03	2.6120e-06	-1.8667e-05	0.0000e+00
837	0.0000e+00	0.0000e+00	1.1404e-03	5.6358e-10	-1.9797e-05	0.0000e+00
838	0.0000e+00	0.0000e+00	1.8604e-03	-4.5869e-06	-1.8486e-05	0.0000e+00
839	0.0000e+00	0.0000e+00	1.6158e-03	-5.9551e-06	-1.4936e-05	0.0000e+00
840	0.0000e+00	0.0000e+00	1.3976e-03	-3.7449e-06	-1.2431e-05	0.0000e+00
841	0.0000e+00	0.0000e+00	1.3158e-03	6.4076e-08	-1.1589e-05	0.0000e+00
842	0.0000e+00	0.0000e+00	1.4038e-03	3.9254e-06	-1.2385e-05	0.0000e+00
843	0.0000e+00	0.0000e+00	1.6329e-03	6.2974e-06	-1.4858e-05	0.0000e+00
844	0.0000e+00	0.0000e+00	1.8979e-03	5.2029e-06	-1.8410e-05	0.0000e+00
845	0.0000e+00	0.0000e+00	2.0207e-03	4.0887e-09	-2.0300e-05	0.0000e+00
846	0.0000e+00	0.0000e+00	2.5369e-03	-8.7750e-06	-1.1648e-05	0.0000e+00
847	0.0000e+00	0.0000e+00	2.1230e-03	-9.1967e-06	-7.2739e-06	0.0000e+00
848	0.0000e+00	0.0000e+00	1.8106e-03	-5.1266e-06	-5.8304e-06	0.0000e+00
849	0.0000e+00	0.0000e+00	1.7005e-03	2.9260e-08	-5.5006e-06	0.0000e+00
850	0.0000e+00	0.0000e+00	1.8141e-03	5.2452e-06	-5.7447e-06	0.0000e+00
851	0.0000e+00	0.0000e+00	2.1350e-03	9.4922e-06	-7.1063e-06	0.0000e+00
852	0.0000e+00	0.0000e+00	2.5678e-03	9.3689e-06	-1.1404e-05	0.0000e+00
853	0.0000e+00	0.0000e+00	2.7936e-03	3.5761e-09	-1.4630e-05	0.0000e+00
854	0.0000e+00	0.0000e+00	2.6791e-03	-1.5016e-05	7.3101e-06	0.0000e+00
855	0.0000e+00	0.0000e+00	2.1610e-03	-9.6953e-06	6.3342e-06	0.0000e+00
856	0.0000e+00	0.0000e+00	1.8600e-03	-4.6787e-06	3.6309e-06	0.0000e+00
857	0.0000e+00	0.0000e+00	1.7609e-03	-2.5101e-08	2.6999e-06	0.0000e+00
858	0.0000e+00	0.0000e+00	1.8588e-03	4.6866e-06	3.7650e-06	0.0000e+00
859	0.0000e+00	0.0000e+00	2.1635e-03	9.8765e-06	6.6107e-06	0.0000e+00
860	0.0000e+00	0.0000e+00	2.6952e-03	1.5482e-05	7.7440e-06	0.0000e+00
861	0.0000e+00	0.0000e+00	3.0785e-03	6.2564e-09	3.2507e-06	0.0000e+00
862	0.0000e+00	0.0000e+00	1.6870e-03	-2.0245e-06	3.2952e-05	0.0000e+00
863	0.0000e+00	0.0000e+00	1.5945e-03	-2.1477e-06	1.8114e-05	0.0000e+00
864	0.0000e+00	0.0000e+00	1.5177e-03	-1.3406e-06	1.1102e-05	0.0000e+00
865	0.0000e+00	0.0000e+00	1.4859e-03	-1.0396e-07	9.1760e-06	0.0000e+00
866	0.0000e+00	0.0000e+00	1.5095e-03	1.1859e-06	1.1282e-05	0.0000e+00
867	0.0000e+00	0.0000e+00	1.5826e-03	2.1512e-06	1.8486e-05	0.0000e+00
868	0.0000e+00	0.0000e+00	1.6804e-03	2.2788e-06	3.3541e-05	0.0000e+00
869	0.0000e+00	0.0000e+00	3.4711e-03	5.0373e-06	5.8652e-05	0.0000e+00
870	0.0000e+00	0.0000e+00	6.5994e-03	-2.4143e-06	8.9453e-05	0.0000e+00
871	0.0000e+00	0.0000e+00	3.5693e-03	3.0149e-06	5.6833e-05	0.0000e+00
872	0.0000e+00	0.0000e+00	6.4519e-03	-3.0273e-06	7.8517e-05	0.0000e+00
873	0.0000e+00	0.0000e+00	3.5989e-03	1.2340e-06	5.4503e-05	0.0000e+00
874	0.0000e+00	0.0000e+00	6.3163e-03	-2.4322e-06	7.2495e-05	0.0000e+00
875	0.0000e+00	0.0000e+00	3.5789e-03	-9.0137e-07	5.3408e-05	0.0000e+00
876	0.0000e+00	0.0000e+00	6.2305e-03	-1.2573e-06	7.0336e-05	0.0000e+00
877	0.0000e+00	0.0000e+00	3.5193e-03	-2.2798e-06	5.3839e-05	0.0000e+00
878	0.0000e+00	0.0000e+00	6.2063e-03	-2.1430e-08	7.1754e-05	0.0000e+00
879	0.0000e+00	0.0000e+00	3.4099e-03	-4.2568e-06	5.5496e-05	0.0000e+00
880	0.0000e+00	0.0000e+00	6.2310e-03	4.6080e-07	7.7019e-05	0.0000e+00
881	0.0000e+00	0.0000e+00	3.2319e-03	-6.3729e-06	5.6612e-05	0.0000e+00
882	0.0000e+00	0.0000e+00	6.2664e-03	-1.4399e-07	8.7162e-05	0.0000e+00
883	0.0000e+00	0.0000e+00	-1.6606e-03	3.3268e-06	3.2951e-05	0.0000e+00
884	0.0000e+00	0.0000e+00	-1.7265e-03	3.3215e-06	3.4042e-05	0.0000e+00
885	0.0000e+00	0.0000e+00	-1.7706e-03	1.6634e-06	3.4165e-05	0.0000e+00
886	0.0000e+00	0.0000e+00	1.7693e-03	-6.0647e-07	3.3949e-05	0.0000e+00
887	0.0000e+00	0.0000e+00	-1.7181e-03	-2.5225e-06	3.3640e-05	0.0000e+00
888	0.0000e+00	0.0000e+00	-1.6224e-03	-4.1910e-06	3.2993e-05	0.0000e+00
889	0.0000e+00	0.0000e+00	-1.5075e-03	-4.1692e-06	3.1381e-05	0.0000e+00
890	0.0000e+00	0.0000e+00	-8.1148e-04	1.7177e-06	-1.4955e-05	0.0000e+00
891	0.0000e+00	0.0000e+00	-8.0905e-04	2.0160e-06	1.5925e-05	0.0000e+00
892	0.0000e+00	0.0000e+00	-8.0886e-04	1.1417e-06	1.6653e-05	0.0000e+00
893	0.0000e+00	0.0000e+00	-8.0082e-04	-3.8547e-07	1.6792e-05	0.0000e+00
894	0.0000e+00	0.0000e+00	-7.8041e-04	-1.6773e-06	1.6285e-05	0.0000e+00
895	0.0000e+00	0.0000e+00	-7.5534e-04	-2.5632e-06	1.5206e-05	0.0000e+00
896	0.0000e+00	0.0000e+00	-7.3735e-04	-2.2666e-06	-1.3922e-05	0.0000e+00
897	0.0000e+00	0.0000e+00	-4.0203e-04	4.1664e-07	-8.6021e-06	0.0000e+00
898	0.0000e+00	0.0000e+00	-3.9130e-04	4.9716e-07	-7.8828e-06	0.0000e+00
899	0.0000e+00	0.0000e+00	-3.7995e-04	2.9883e-07	-7.4335e-06	0.0000e+00

900	0.0000e+00	0.0000e+00	-3.7121e-04	-2.3651e-07	-7.2772e-06	0.0000e+00
901	0.0000e+00	0.0000e+00	-3.6639e-04	-5.5995e-07	-7.3061e-06	0.0000e+00
902	0.0000e+00	0.0000e+00	-3.6532e-04	-8.3342e-07	-7.6914e-06	0.0000e+00
903	0.0000e+00	0.0000e+00	-3.6530e-04	-8.4950e-07	-8.3804e-06	0.0000e+00
904	0.0000e+00	0.0000e+00	3.9397e-04	-9.3030e-07	-1.4338e-05	0.0000e+00
905	0.0000e+00	0.0000e+00	3.4398e-04	-1.2842e-06	-1.2648e-05	0.0000e+00
906	0.0000e+00	0.0000e+00	2.9476e-04	-9.2527e-07	-1.1110e-05	0.0000e+00
907	0.0000e+00	0.0000e+00	2.7119e-04	-1.4596e-07	-1.0523e-05	0.0000e+00
908	0.0000e+00	0.0000e+00	2.8163e-04	6.4952e-07	-1.1140e-05	0.0000e+00
909	0.0000e+00	0.0000e+00	3.1557e-04	9.3089e-07	-1.2693e-05	0.0000e+00
910	0.0000e+00	0.0000e+00	3.4582e-04	4.6979e-07	-1.4343e-05	0.0000e+00
911	0.0000e+00	0.0000e+00	1.0794e-03	-2.6078e-06	-1.8669e-05	0.0000e+00
912	0.0000e+00	0.0000e+00	9.4014e-04	-3.4186e-06	-1.6227e-05	0.0000e+00
913	0.0000e+00	0.0000e+00	8.1034e-04	-2.2842e-06	-1.4130e-05	0.0000e+00
914	0.0000e+00	0.0000e+00	7.5699e-04	-9.6958e-08	-1.3353e-05	0.0000e+00
915	0.0000e+00	0.0000e+00	8.0205e-04	2.0640e-06	-1.4157e-05	0.0000e+00
916	0.0000e+00	0.0000e+00	9.1999e-04	3.0759e-06	-1.6262e-05	0.0000e+00
917	0.0000e+00	0.0000e+00	1.0402e-03	2.0582e-06	-1.8660e-05	0.0000e+00
918	0.0000e+00	0.0000e+00	1.8983e-03	-5.1964e-06	-1.8414e-05	0.0000e+00
919	0.0000e+00	0.0000e+00	1.6335e-03	-6.2968e-06	-1.4864e-05	0.0000e+00
920	0.0000e+00	0.0000e+00	1.4043e-03	-3.9292e-06	-1.2388e-05	0.0000e+00
921	0.0000e+00	0.0000e+00	1.3160e-03	-6.9059e-08	-1.1589e-05	0.0000e+00
922	0.0000e+00	0.0000e+00	1.3976e-03	3.7417e-06	-1.2428e-05	0.0000e+00
923	0.0000e+00	0.0000e+00	1.6158e-03	5.9569e-06	-1.4932e-05	0.0000e+00
924	0.0000e+00	0.0000e+00	1.8606e-03	4.5943e-06	-1.8483e-05	0.0000e+00
925	0.0000e+00	0.0000e+00	2.5684e-03	-9.3588e-06	-1.1413e-05	0.0000e+00
926	0.0000e+00	0.0000e+00	2.1359e-03	-9.4928e-06	-7.1146e-06	0.0000e+00
927	0.0000e+00	0.0000e+00	1.8147e-03	-5.2524e-06	-5.7496e-06	0.0000e+00
928	0.0000e+00	0.0000e+00	1.7008e-03	-3.8554e-08	-5.5013e-06	0.0000e+00
929	0.0000e+00	0.0000e+00	1.8105e-03	5.1204e-06	-5.8272e-06	0.0000e+00
930	0.0000e+00	0.0000e+00	2.1228e-03	9.1978e-06	-7.2677e-06	0.0000e+00
931	0.0000e+00	0.0000e+00	2.5369e-03	8.7865e-06	-1.1643e-05	0.0000e+00
932	0.0000e+00	0.0000e+00	2.6963e-03	-1.5470e-05	7.7305e-06	0.0000e+00
933	0.0000e+00	0.0000e+00	2.1647e-03	-9.8811e-06	6.6025e-06	0.0000e+00
934	0.0000e+00	0.0000e+00	1.8596e-03	-4.6979e-06	3.7610e-06	0.0000e+00
935	0.0000e+00	0.0000e+00	1.7612e-03	1.4068e-08	2.6992e-06	0.0000e+00
936	0.0000e+00	0.0000e+00	1.8598e-03	4.6686e-06	3.6335e-06	0.0000e+00
937	0.0000e+00	0.0000e+00	2.1605e-03	9.6928e-06	6.3409e-06	0.0000e+00
938	0.0000e+00	0.0000e+00	2.6788e-03	1.5030e-05	7.3217e-06	0.0000e+00
939	0.0000e+00	0.0000e+00	1.6818e-03	-2.2704e-06	3.3540e-05	0.0000e+00
940	0.0000e+00	0.0000e+00	1.5840e-03	-2.1585e-06	1.8485e-05	0.0000e+00
941	0.0000e+00	0.0000e+00	1.5104e-03	-1.1993e-06	1.1281e-05	0.0000e+00
942	0.0000e+00	0.0000e+00	1.4862e-03	8.9427e-08	9.1755e-06	0.0000e+00
943	0.0000e+00	0.0000e+00	1.5174e-03	1.3283e-06	1.1102e-05	0.0000e+00
944	0.0000e+00	0.0000e+00	1.5938e-03	2.1420e-06	1.8114e-05	0.0000e+00
945	0.0000e+00	0.0000e+00	1.6863e-03	2.0346e-06	3.2953e-05	0.0000e+00
946	0.0000e+00	0.0000e+00	3.3796e-03	7.0811e-06	5.9313e-05	0.0000e+00
947	0.0000e+00	0.0000e+00	6.6111e-03	2.3792e-06	9.2555e-05	0.0000e+00
948	0.0000e+00	0.0000e+00	3.5842e-03	4.5454e-06	5.9608e-05	0.0000e+00
949	0.0000e+00	0.0000e+00	6.6589e-03	1.0835e-06	8.4221e-05	0.0000e+00
950	0.0000e+00	0.0000e+00	3.6927e-03	1.5970e-06	5.8969e-05	0.0000e+00
951	0.0000e+00	0.0000e+00	6.6801e-03	-6.1773e-07	8.0463e-05	0.0000e+00
952	0.0000e+00	0.0000e+00	3.7048e-03	-1.3043e-06	5.9064e-05	0.0000e+00
953	0.0000e+00	0.0000e+00	6.6958e-03	-4.7237e-07	8.0562e-05	0.0000e+00
954	0.0000e+00	0.0000e+00	3.6213e-03	-4.2050e-06	5.9894e-05	0.0000e+00
955	0.0000e+00	0.0000e+00	6.7066e-03	-4.5660e-07	8.4519e-05	0.0000e+00
956	0.0000e+00	0.0000e+00	3.4438e-03	-6.6585e-06	5.9805e-05	0.0000e+00
957	0.0000e+00	0.0000e+00	6.6924e-03	-1.5128e-06	9.3050e-05	0.0000e+00
958	0.0000e+00	0.0000e+00	-1.5482e-03	4.0656e-06	3.2464e-05	0.0000e+00
959	0.0000e+00	0.0000e+00	-1.6728e-03	3.6689e-06	3.4337e-05	0.0000e+00
960	0.0000e+00	0.0000e+00	1.7546e-03	1.4477e-06	3.5181e-05	0.0000e+00
961	0.0000e+00	0.0000e+00	1.7633e-03	-1.2674e-06	3.5267e-05	0.0000e+00
962	0.0000e+00	0.0000e+00	-1.6995e-03	-3.4570e-06	3.4601e-05	0.0000e+00
963	0.0000e+00	0.0000e+00	-1.5943e-03	-3.7823e-06	3.2920e-05	0.0000e+00
964	0.0000e+00	0.0000e+00	-7.2951e-04	2.1867e-06	1.3544e-05	0.0000e+00
965	0.0000e+00	0.0000e+00	-7.7001e-04	2.0890e-06	1.4636e-05	0.0000e+00
966	0.0000e+00	0.0000e+00	-8.0020e-04	8.6670e-07	1.5403e-05	0.0000e+00
967	0.0000e+00	0.0000e+00	-8.0529e-04	-7.8063e-07	1.5483e-05	0.0000e+00
968	0.0000e+00	0.0000e+00	-7.8532e-04	-1.9805e-06	1.4881e-05	0.0000e+00
969	0.0000e+00	0.0000e+00	-7.5481e-04	-2.0263e-06	1.3966e-05	0.0000e+00
970	0.0000e+00	0.0000e+00	-3.6761e-04	1.2249e-06	-8.4749e-06	0.0000e+00
971	0.0000e+00	0.0000e+00	-3.8964e-04	9.5893e-07	-8.1083e-06	0.0000e+00

972	0.0000e+00	0.0000e+00	-4.0393e-04	3.6912e-07	-7.8344e-06	0.0000e+00
973	0.0000e+00	0.0000e+00	-4.0577e-04	-3.5074e-07	-7.8748e-06	0.0000e+00
974	0.0000e+00	0.0000e+00	-3.9523e-04	-9.2749e-07	-8.2173e-06	0.0000e+00
975	0.0000e+00	0.0000e+00	-3.7703e-04	-1.1669e-06	-8.6295e-06	0.0000e+00
976	0.0000e+00	0.0000e+00	5.1860e-04	6.6114e-07	-1.5616e-05	0.0000e+00
977	0.0000e+00	0.0000e+00	5.3136e-04	-1.5999e-07	-1.4891e-05	0.0000e+00
978	0.0000e+00	0.0000e+00	5.3063e-04	-7.7019e-08	-1.4242e-05	0.0000e+00
979	0.0000e+00	0.0000e+00	5.2997e-04	6.0805e-08	-1.4243e-05	0.0000e+00
980	0.0000e+00	0.0000e+00	5.2951e-04	1.7695e-07	-1.4894e-05	0.0000e+00
981	0.0000e+00	0.0000e+00	5.1595e-04	-6.7661e-07	-1.5612e-05	0.0000e+00
982	0.0000e+00	0.0000e+00	1.2773e-03	-2.3225e-07	-2.0086e-05	0.0000e+00
983	0.0000e+00	0.0000e+00	1.2444e-03	-1.1392e-06	-1.8709e-05	0.0000e+00
984	0.0000e+00	0.0000e+00	1.2054e-03	-5.9622e-07	-1.7611e-05	0.0000e+00
985	0.0000e+00	0.0000e+00	1.2045e-03	5.5481e-07	-1.7612e-05	0.0000e+00
986	0.0000e+00	0.0000e+00	1.2419e-03	1.1055e-06	-1.8713e-05	0.0000e+00
987	0.0000e+00	0.0000e+00	1.2735e-03	2.6298e-07	-2.0089e-05	0.0000e+00
988	0.0000e+00	0.0000e+00	2.1515e-03	-1.9704e-06	-1.9461e-05	0.0000e+00
989	0.0000e+00	0.0000e+00	2.0341e-03	-3.2435e-06	-1.6748e-05	0.0000e+00
990	0.0000e+00	0.0000e+00	1.9336e-03	-1.4581e-06	-1.4969e-05	0.0000e+00
991	0.0000e+00	0.0000e+00	1.9329e-03	1.4178e-06	-1.4974e-05	0.0000e+00
992	0.0000e+00	0.0000e+00	2.0320e-03	3.2085e-06	-1.6762e-05	0.0000e+00
993	0.0000e+00	0.0000e+00	2.1483e-03	1.9474e-06	-1.9484e-05	0.0000e+00
994	0.0000e+00	0.0000e+00	2.8531e-03	-5.8110e-06	-1.1762e-05	0.0000e+00
995	0.0000e+00	0.0000e+00	2.5887e-03	-6.4205e-06	-7.5483e-06	0.0000e+00
996	0.0000e+00	0.0000e+00	2.4082e-03	-2.5024e-06	-5.9199e-06	0.0000e+00
997	0.0000e+00	0.0000e+00	2.4077e-03	2.4732e-06	-5.9263e-06	0.0000e+00
998	0.0000e+00	0.0000e+00	2.5874e-03	6.3968e-06	-7.5674e-06	0.0000e+00
999	0.0000e+00	0.0000e+00	2.8511e-03	5.7973e-06	-1.1795e-05	0.0000e+00
1000	0.0000e+00	0.0000e+00	2.9828e-03	-1.2833e-05	7.9288e-06	0.0000e+00
1001	0.0000e+00	0.0000e+00	2.5830e-03	-7.9656e-06	8.7499e-06	0.0000e+00
1002	0.0000e+00	0.0000e+00	2.3831e-03	-2.6087e-06	7.2206e-06	0.0000e+00
1003	0.0000e+00	0.0000e+00	2.3828e-03	2.5933e-06	7.2145e-06	0.0000e+00
1004	0.0000e+00	0.0000e+00	2.5824e-03	7.9544e-06	8.7327e-06	0.0000e+00
1005	0.0000e+00	0.0000e+00	2.9821e-03	1.2834e-05	7.9036e-06	0.0000e+00
1006	0.0000e+00	0.0000e+00	1.8750e-03	-7.3185e-07	3.6996e-05	0.0000e+00
1007	0.0000e+00	0.0000e+00	1.8419e-03	-8.8398e-07	2.3562e-05	0.0000e+00
1008	0.0000e+00	0.0000e+00	1.8167e-03	-3.6553e-07	1.7452e-05	0.0000e+00
1009	0.0000e+00	0.0000e+00	1.8167e-03	3.6136e-07	1.7447e-05	0.0000e+00
1010	0.0000e+00	0.0000e+00	1.8420e-03	8.8169e-07	2.3548e-05	0.0000e+00
1011	0.0000e+00	0.0000e+00	1.8754e-03	7.3816e-07	3.6975e-05	0.0000e+00
1012	0.0000e+00	0.0000e+00	3.4305e-03	6.6707e-06	5.9762e-05	0.0000e+00
1013	0.0000e+00	0.0000e+00	6.6800e-03	1.5184e-06	9.3027e-05	0.0000e+00
1014	0.0000e+00	0.0000e+00	3.6079e-03	4.2184e-06	5.9851e-05	0.0000e+00
1015	0.0000e+00	0.0000e+00	6.6936e-03	5.2025e-07	8.4490e-05	0.0000e+00
1016	0.0000e+00	0.0000e+00	3.6909e-03	1.3300e-06	5.9016e-05	0.0000e+00
1017	0.0000e+00	0.0000e+00	6.6821e-03	5.5638e-07	8.0529e-05	0.0000e+00
1018	0.0000e+00	0.0000e+00	3.6778e-03	-1.6076e-06	5.8918e-05	0.0000e+00
1019	0.0000e+00	0.0000e+00	6.6655e-03	6.9027e-07	8.0427e-05	0.0000e+00
1020	0.0000e+00	0.0000e+00	3.5680e-03	-4.5449e-06	5.9553e-05	0.0000e+00
1021	0.0000e+00	0.0000e+00	6.6434e-03	-1.1330e-06	8.4187e-05	0.0000e+00
1022	0.0000e+00	0.0000e+00	3.3615e-03	-7.0780e-06	5.9255e-05	0.0000e+00
1023	0.0000e+00	0.0000e+00	6.5949e-03	-2.4062e-06	9.2527e-05	0.0000e+00
1024	0.0000e+00	0.0000e+00	-1.5813e-03	3.7887e-06	3.2856e-05	0.0000e+00
1025	0.0000e+00	0.0000e+00	-1.6863e-03	3.4660e-06	3.4538e-05	0.0000e+00
1026	0.0000e+00	0.0000e+00	1.7497e-03	1.2815e-06	3.5201e-05	0.0000e+00
1027	0.0000e+00	0.0000e+00	1.7399e-03	-1.4509e-06	3.5110e-05	0.0000e+00
1028	0.0000e+00	0.0000e+00	-1.6564e-03	-3.6673e-06	3.4259e-05	0.0000e+00
1029	0.0000e+00	0.0000e+00	-1.5296e-03	-4.0648e-06	3.2375e-05	0.0000e+00
1030	0.0000e+00	0.0000e+00	-7.4531e-04	2.0288e-06	1.3867e-05	0.0000e+00
1031	0.0000e+00	0.0000e+00	-7.7510e-04	1.9862e-06	1.4783e-05	0.0000e+00
1032	0.0000e+00	0.0000e+00	-7.9437e-04	7.8967e-07	1.5382e-05	0.0000e+00
1033	0.0000e+00	0.0000e+00	-7.8829e-04	-8.6741e-07	1.5294e-05	0.0000e+00
1034	0.0000e+00	0.0000e+00	-7.5677e-04	-2.0874e-06	1.4513e-05	0.0000e+00
1035	0.0000e+00	0.0000e+00	-7.1493e-04	-2.1863e-06	1.3403e-05	0.0000e+00
1036	0.0000e+00	0.0000e+00	-3.7279e-04	1.1685e-06	-8.5444e-06	0.0000e+00
1037	0.0000e+00	0.0000e+00	-3.9050e-04	9.3103e-07	-8.1195e-06	0.0000e+00
1038	0.0000e+00	0.0000e+00	-4.0058e-04	3.5620e-07	-7.7643e-06	0.0000e+00
1039	0.0000e+00	0.0000e+00	-3.9822e-04	-3.6839e-07	-7.7147e-06	0.0000e+00
1040	0.0000e+00	0.0000e+00	-3.8333e-04	-9.5672e-07	-7.9846e-06	0.0000e+00
1041	0.0000e+00	0.0000e+00	-3.6070e-04	-1.2227e-06	-8.3506e-06	0.0000e+00
1042	0.0000e+00	0.0000e+00	5.1548e-04	6.7954e-07	-1.5592e-05	0.0000e+00
1043	0.0000e+00	0.0000e+00	5.2921e-04	-1.7340e-07	-1.4871e-05	0.0000e+00

1044	0.0000e+00	0.0000e+00	5.2982e-04	-5.2794e-08	-1.4217e-05	0.0000e+00
1045	0.0000e+00	0.0000e+00	5.3062e-04	8.4495e-08	-1.4213e-05	0.0000e+00
1046	0.0000e+00	0.0000e+00	5.3154e-04	1.6162e-07	-1.4862e-05	0.0000e+00
1047	0.0000e+00	0.0000e+00	5.1900e-04	-6.5612e-07	-1.5587e-05	0.0000e+00
1048	0.0000e+00	0.0000e+00	1.2731e-03	-2.5855e-07	-2.0085e-05	0.0000e+00
1049	0.0000e+00	0.0000e+00	1.2418e-03	-1.0995e-06	-1.8709e-05	0.0000e+00
1050	0.0000e+00	0.0000e+00	1.2046e-03	-5.4994e-07	-1.7607e-05	0.0000e+00
1051	0.0000e+00	0.0000e+00	1.2057e-03	6.0139e-07	-1.7604e-05	0.0000e+00
1052	0.0000e+00	0.0000e+00	1.2450e-03	1.1453e-06	-1.8702e-05	0.0000e+00
1053	0.0000e+00	0.0000e+00	1.2781e-03	2.3487e-07	-2.0081e-05	0.0000e+00
1054	0.0000e+00	0.0000e+00	2.1479e-03	-1.9381e-06	-1.9486e-05	0.0000e+00
1055	0.0000e+00	0.0000e+00	2.0319e-03	-3.2026e-06	-1.6764e-05	0.0000e+00
1056	0.0000e+00	0.0000e+00	1.9329e-03	-1.4143e-06	-1.4974e-05	0.0000e+00
1057	0.0000e+00	0.0000e+00	1.9338e-03	1.4625e-06	-1.4968e-05	0.0000e+00
1058	0.0000e+00	0.0000e+00	2.0345e-03	3.2507e-06	-1.6746e-05	0.0000e+00
1059	0.0000e+00	0.0000e+00	2.1523e-03	1.9805e-06	-1.9462e-05	0.0000e+00
1060	0.0000e+00	0.0000e+00	2.8509e-03	-5.7841e-06	-1.1800e-05	0.0000e+00
1061	0.0000e+00	0.0000e+00	2.5874e-03	-6.3918e-06	-7.5724e-06	0.0000e+00
1062	0.0000e+00	0.0000e+00	2.4079e-03	-2.4724e-06	-5.9283e-06	0.0000e+00
1063	0.0000e+00	0.0000e+00	2.4084e-03	2.5043e-06	-5.9185e-06	0.0000e+00
1064	0.0000e+00	0.0000e+00	2.5891e-03	6.4281e-06	-7.5448e-06	0.0000e+00
1065	0.0000e+00	0.0000e+00	2.8539e-03	5.8264e-06	-1.1761e-05	0.0000e+00
1066	0.0000e+00	0.0000e+00	2.9821e-03	-1.2819e-05	7.8953e-06	0.0000e+00
1067	0.0000e+00	0.0000e+00	2.5827e-03	-7.9529e-06	8.7285e-06	0.0000e+00
1068	0.0000e+00	0.0000e+00	2.3830e-03	-2.5967e-06	7.2139e-06	0.0000e+00
1069	0.0000e+00	0.0000e+00	2.3831e-03	2.6066e-06	7.2236e-06	0.0000e+00
1070	0.0000e+00	0.0000e+00	2.5831e-03	7.9702e-06	8.7570e-06	0.0000e+00
1071	0.0000e+00	0.0000e+00	2.9834e-03	1.2854e-05	7.9395e-06	0.0000e+00
1072	0.0000e+00	0.0000e+00	1.8754e-03	-7.2440e-07	3.6981e-05	0.0000e+00
1073	0.0000e+00	0.0000e+00	1.8423e-03	-8.8195e-07	2.3552e-05	0.0000e+00
1074	0.0000e+00	0.0000e+00	1.8169e-03	-3.6712e-07	1.7450e-05	0.0000e+00
1075	0.0000e+00	0.0000e+00	1.8166e-03	3.6132e-07	1.7455e-05	0.0000e+00
1076	0.0000e+00	0.0000e+00	1.8417e-03	8.8460e-07	2.3566e-05	0.0000e+00
1077	0.0000e+00	0.0000e+00	1.8751e-03	7.4647e-07	3.7003e-05	0.0000e+00
1078	0.0000e+00	0.0000e+00	-7.7808e-05	3.8335e-06	2.8947e-05	0.0000e+00
1079	0.0000e+00	0.0000e+00	1.2683e-04	5.7788e-06	2.2947e-05	0.0000e+00
1080	0.0000e+00	0.0000e+00	3.2685e-04	4.5424e-06	1.8394e-05	0.0000e+00
1081	0.0000e+00	0.0000e+00	4.8501e-04	3.5551e-06	1.4248e-05	0.0000e+00
1082	0.0000e+00	0.0000e+00	6.1108e-04	2.8126e-06	1.1468e-05	0.0000e+00
1083	0.0000e+00	0.0000e+00	7.0885e-04	2.0240e-06	1.0158e-05	0.0000e+00
1084	0.0000e+00	0.0000e+00	7.6913e-04	7.8565e-07	1.0418e-05	0.0000e+00
1085	0.0000e+00	0.0000e+00	7.6505e-04	-1.4517e-06	1.2312e-05	0.0000e+00
1086	0.0000e+00	0.0000e+00	6.4788e-04	-5.3431e-06	1.5652e-05	0.0000e+00
1087	0.0000e+00	0.0000e+00	3.4977e-04	-1.0926e-05	1.6803e-05	0.0000e+00
1088	0.0000e+00	0.0000e+00	1.4000e-04	5.1545e-07	1.3884e-05	0.0000e+00
1089	0.0000e+00	0.0000e+00	-1.2505e-03	7.6987e-06	2.8747e-05	0.0000e+00
1090	0.0000e+00	0.0000e+00	-9.0209e-04	9.4738e-06	2.4075e-05	0.0000e+00
1091	0.0000e+00	0.0000e+00	-5.3975e-04	8.6427e-06	2.1302e-05	0.0000e+00
1092	0.0000e+00	0.0000e+00	-2.3434e-04	6.9458e-06	1.8315e-05	0.0000e+00
1093	0.0000e+00	0.0000e+00	6.2409e-05	5.0929e-06	1.5862e-05	0.0000e+00
1094	0.0000e+00	0.0000e+00	1.8847e-04	3.1006e-06	1.4093e-05	0.0000e+00
1095	0.0000e+00	0.0000e+00	2.6572e-04	7.4358e-07	1.2925e-05	0.0000e+00
1096	0.0000e+00	0.0000e+00	2.4334e-04	-2.1615e-06	1.1964e-05	0.0000e+00
1097	0.0000e+00	0.0000e+00	1.0821e-04	-5.0978e-06	1.0360e-05	0.0000e+00
1098	0.0000e+00	0.0000e+00	-1.2706e-04	-5.3125e-06	6.6442e-06	0.0000e+00
1099	0.0000e+00	0.0000e+00	-2.2792e-04	8.3052e-07	3.9191e-06	0.0000e+00
1100	0.0000e+00	0.0000e+00	-2.5163e-03	1.1014e-05	3.2850e-05	0.0000e+00
1101	0.0000e+00	0.0000e+00	-2.0459e-03	1.2272e-05	2.8761e-05	0.0000e+00
1102	0.0000e+00	0.0000e+00	-1.5684e-03	1.1462e-05	2.6620e-05	0.0000e+00
1103	0.0000e+00	0.0000e+00	-1.1465e-03	9.6225e-06	2.4330e-05	0.0000e+00
1104	0.0000e+00	0.0000e+00	-8.0626e-04	7.4004e-06	2.2165e-05	0.0000e+00
1105	0.0000e+00	0.0000e+00	-5.5682e-04	5.0526e-06	2.0121e-05	0.0000e+00
1106	0.0000e+00	0.0000e+00	-4.0152e-04	2.6417e-06	1.8027e-05	0.0000e+00
1107	0.0000e+00	0.0000e+00	-3.4102e-04	3.2489e-07	1.5495e-05	0.0000e+00
1108	0.0000e+00	0.0000e+00	-3.6368e-04	-1.3855e-06	1.2163e-05	0.0000e+00
1109	0.0000e+00	0.0000e+00	-4.2347e-04	-1.2792e-06	8.4837e-06	0.0000e+00
1110	0.0000e+00	0.0000e+00	-4.3274e-04	1.0736e-06	6.5736e-06	0.0000e+00
1111	0.0000e+00	0.0000e+00	-4.0512e-03	1.3964e-05	4.0743e-05	0.0000e+00
1112	0.0000e+00	0.0000e+00	-3.4731e-03	1.4712e-05	3.7103e-05	0.0000e+00
1113	0.0000e+00	0.0000e+00	-2.9016e-03	1.3727e-05	3.5250e-05	0.0000e+00
1114	0.0000e+00	0.0000e+00	-2.3888e-03	1.1856e-05	3.3299e-05	0.0000e+00
1115	0.0000e+00	0.0000e+00	-1.9598e-03	9.5968e-06	3.1393e-05	0.0000e+00



1116	0.0000e+00	0.0000e+00	-1.6228e-03	7.3065e-06	2.9485e-05	0.0000e+00
1117	0.0000e+00	0.0000e+00	-1.3738e-03	5.2510e-06	2.7415e-05	0.0000e+00
1118	0.0000e+00	0.0000e+00	-1.1991e-03	3.6400e-06	2.4885e-05	0.0000e+00
1119	0.0000e+00	0.0000e+00	-1.0788e-03	2.5630e-06	2.1740e-05	0.0000e+00
1120	0.0000e+00	0.0000e+00	-9.9274e-04	1.8664e-06	1.8574e-05	0.0000e+00
1121	0.0000e+00	0.0000e+00	-9.3107e-04	1.2820e-06	1.7039e-05	0.0000e+00
1122	0.0000e+00	0.0000e+00	-6.0098e-03	1.6737e-05	5.1916e-05	0.0000e+00
1123	0.0000e+00	0.0000e+00	-5.3331e-03	1.6892e-05	4.8639e-05	0.0000e+00
1124	0.0000e+00	0.0000e+00	-4.6765e-03	1.5769e-05	4.6834e-05	0.0000e+00
1125	0.0000e+00	0.0000e+00	-4.0822e-03	1.3837e-05	4.4945e-05	0.0000e+00
1126	0.0000e+00	0.0000e+00	-3.5763e-03	1.1452e-05	4.3311e-05	0.0000e+00
1127	0.0000e+00	0.0000e+00	-3.1681e-03	9.0796e-06	4.2006e-05	0.0000e+00
1128	0.0000e+00	0.0000e+00	-2.8483e-03	7.1735e-06	4.0960e-05	0.0000e+00
1129	0.0000e+00	0.0000e+00	-2.5915e-03	6.0586e-06	3.9913e-05	0.0000e+00
1130	0.0000e+00	0.0000e+00	-2.3661e-03	5.6012e-06	3.8446e-05	0.0000e+00
1131	0.0000e+00	0.0000e+00	-2.1633e-03	4.5496e-06	3.6198e-05	0.0000e+00
1132	0.0000e+00	0.0000e+00	-2.0420e-03	1.3778e-06	3.4832e-05	0.0000e+00
1133	0.0000e+00	0.0000e+00	-8.5219e-03	1.9585e-05	6.5819e-05	0.0000e+00
1134	0.0000e+00	0.0000e+00	-7.7426e-03	1.9236e-05	6.2245e-05	0.0000e+00
1135	0.0000e+00	0.0000e+00	-6.9902e-03	1.8146e-05	5.9713e-05	0.0000e+00
1136	0.0000e+00	0.0000e+00	-6.3085e-03	1.5819e-05	5.7457e-05	0.0000e+00
1137	0.0000e+00	0.0000e+00	-5.7375e-03	1.2753e-05	5.6086e-05	0.0000e+00
1138	0.0000e+00	0.0000e+00	-5.2934e-03	9.6206e-06	5.5773e-05	0.0000e+00
1139	0.0000e+00	0.0000e+00	-4.9666e-03	7.0481e-06	5.6593e-05	0.0000e+00
1140	0.0000e+00	0.0000e+00	-4.7241e-03	5.6109e-06	5.8497e-05	0.0000e+00
1141	0.0000e+00	0.0000e+00	-4.5128e-03	5.7361e-06	6.1114e-05	0.0000e+00
1142	0.0000e+00	0.0000e+00	-4.2795e-03	6.7447e-06	6.2619e-05	0.0000e+00
1143	0.0000e+00	0.0000e+00	-4.1173e-03	1.3376e-06	6.2120e-05	0.0000e+00
1144	0.0000e+00	0.0000e+00	-1.0732e-02	2.2907e-05	7.4432e-05	0.0000e+00
1145	0.0000e+00	0.0000e+00	-9.8187e-03	2.1013e-05	6.9746e-05	0.0000e+00
1146	0.0000e+00	0.0000e+00	-9.0266e-03	1.7512e-05	6.6975e-05	0.0000e+00
1147	0.0000e+00	0.0000e+00	-8.4046e-03	1.3128e-05	6.6029e-05	0.0000e+00
1148	0.0000e+00	0.0000e+00	-7.9737e-03	8.5072e-06	6.6960e-05	0.0000e+00
1149	0.0000e+00	0.0000e+00	-7.7310e-03	4.2384e-06	6.9981e-05	0.0000e+00
1150	0.0000e+00	0.0000e+00	-7.6510e-03	8.6673e-07	7.5486e-05	0.0000e+00
1151	0.0000e+00	0.0000e+00	-7.6877e-03	-1.1044e-06	8.4166e-05	0.0000e+00
1152	0.0000e+00	0.0000e+00	-7.7735e-03	-1.1427e-06	9.7129e-05	0.0000e+00
1153	0.0000e+00	0.0000e+00	4.3958e-04	1.2046e-05	1.6861e-05	0.0000e+00
1154	0.0000e+00	0.0000e+00	8.0133e-04	5.8689e-06	1.3949e-05	0.0000e+00
1155	0.0000e+00	0.0000e+00	9.6550e-04	2.4157e-06	9.7532e-06	0.0000e+00
1156	0.0000e+00	0.0000e+00	1.0278e-03	7.9274e-07	7.3464e-06	0.0000e+00
1157	0.0000e+00	0.0000e+00	1.0436e-03	2.9187e-08	6.7014e-06	0.0000e+00
1158	0.0000e+00	0.0000e+00	1.0322e-03	-6.5161e-07	7.7508e-06	0.0000e+00
1159	0.0000e+00	0.0000e+00	9.7887e-04	-2.1158e-06	1.0576e-05	0.0000e+00
1160	0.0000e+00	0.0000e+00	8.3272e-04	-5.3114e-06	1.5221e-05	0.0000e+00
1161	0.0000e+00	0.0000e+00	5.0112e-04	-1.1155e-05	1.8646e-05	0.0000e+00
1162	0.0000e+00	0.0000e+00	2.3654e-04	6.8385e-07	1.6300e-05	0.0000e+00
1163	0.0000e+00	0.0000e+00	4.2083e-05	7.4753e-06	6.4815e-06	0.0000e+00
1164	0.0000e+00	0.0000e+00	3.0250e-04	6.7831e-06	9.7926e-06	0.0000e+00
1165	0.0000e+00	0.0000e+00	5.2997e-04	3.9139e-06	1.0440e-05	0.0000e+00
1166	0.0000e+00	0.0000e+00	6.4366e-04	1.5542e-06	1.0424e-05	0.0000e+00
1167	0.0000e+00	0.0000e+00	6.7084e-04	-1.9666e-07	1.0550e-05	0.0000e+00
1168	0.0000e+00	0.0000e+00	6.2608e-04	-1.9117e-06	1.1041e-05	0.0000e+00
1169	0.0000e+00	0.0000e+00	4.9907e-04	-4.1258e-06	1.1677e-05	0.0000e+00
1170	0.0000e+00	0.0000e+00	2.6647e-04	-6.7607e-06	1.1650e-05	0.0000e+00
1171	0.0000e+00	0.0000e+00	-5.8356e-05	-7.1618e-06	8.9487e-06	0.0000e+00
1172	0.0000e+00	0.0000e+00	-2.3408e-04	-2.5234e-07	6.9356e-06	0.0000e+00
1173	0.0000e+00	0.0000e+00	-3.2045e-04	3.7801e-06	8.3092e-06	0.0000e+00
1174	0.0000e+00	0.0000e+00	-1.4162e-04	3.9921e-06	1.1898e-05	0.0000e+00
1175	0.0000e+00	0.0000e+00	1.7923e-05	2.6147e-06	1.4611e-05	0.0000e+00
1176	0.0000e+00	0.0000e+00	7.7794e-05	9.4944e-07	1.6120e-05	0.0000e+00
1177	0.0000e+00	0.0000e+00	8.5713e-05	-5.6768e-07	1.6854e-05	0.0000e+00
1178	0.0000e+00	0.0000e+00	2.9367e-05	-2.0467e-06	1.7017e-05	0.0000e+00
1179	0.0000e+00	0.0000e+00	-9.4093e-05	-3.5582e-06	1.6396e-05	0.0000e+00
1180	0.0000e+00	0.0000e+00	-2.7625e-04	-4.6742e-06	1.4544e-05	0.0000e+00
1181	0.0000e+00	0.0000e+00	-4.7697e-04	-4.0949e-06	1.1735e-05	0.0000e+00
1182	0.0000e+00	0.0000e+00	-5.9354e-04	-9.4003e-07	1.0587e-05	0.0000e+00
1183	0.0000e+00	0.0000e+00	-8.8469e-04	8.6241e-07	1.8494e-05	0.0000e+00
1184	0.0000e+00	0.0000e+00	-8.5014e-04	6.6201e-07	2.1694e-05	0.0000e+00
1185	0.0000e+00	0.0000e+00	-8.2645e-04	2.9797e-07	2.4461e-05	0.0000e+00
1186	0.0000e+00	0.0000e+00	-8.2513e-04	-2.9374e-07	2.6216e-05	0.0000e+00
1187	0.0000e+00	0.0000e+00	-8.5625e-04	-1.0927e-06	2.7166e-05	0.0000e+00

1188	0.0000e+00	0.0000e+00	-9.2191e-04	-1.8256e-06	2.7460e-05	0.0000e+00
1189	0.0000e+00	0.0000e+00	-1.0152e-03	-2.2918e-06	2.6941e-05	0.0000e+00
1190	0.0000e+00	0.0000e+00	-1.1203e-03	-2.3277e-06	2.5380e-05	0.0000e+00
1191	0.0000e+00	0.0000e+00	-1.2182e-03	-2.0129e-06	2.3290e-05	0.0000e+00
1192	0.0000e+00	0.0000e+00	-1.3003e-03	-1.6689e-06	2.2715e-05	0.0000e+00
1193	0.0000e+00	0.0000e+00	-2.0562e-03	-1.7416e-06	3.6331e-05	0.0000e+00
1194	0.0000e+00	0.0000e+00	-2.1400e-03	-1.9550e-06	3.8649e-05	0.0000e+00
1195	0.0000e+00	0.0000e+00	-2.2087e-03	-1.4324e-06	3.9908e-05	0.0000e+00
1196	0.0000e+00	0.0000e+00	-2.2665e-03	-1.4038e-06	4.0693e-05	0.0000e+00
1197	0.0000e+00	0.0000e+00	-2.3359e-03	-1.8009e-06	4.1446e-05	0.0000e+00
1198	0.0000e+00	0.0000e+00	-2.4255e-03	-2.1471e-06	4.2325e-05	0.0000e+00
1199	0.0000e+00	0.0000e+00	-2.5218e-03	-1.9551e-06	4.3176e-05	0.0000e+00
1200	0.0000e+00	0.0000e+00	-2.5959e-03	-1.1135e-06	4.3553e-05	0.0000e+00
1201	0.0000e+00	0.0000e+00	-2.6338e-03	-7.1746e-07	4.2841e-05	0.0000e+00
1202	0.0000e+00	0.0000e+00	-2.7053e-03	-2.7323e-06	4.2811e-05	0.0000e+00
1203	0.0000e+00	0.0000e+00	-4.1843e-03	-3.8037e-06	6.3043e-05	0.0000e+00
1204	0.0000e+00	0.0000e+00	-4.2947e-03	-1.9033e-06	6.1220e-05	0.0000e+00
1205	0.0000e+00	0.0000e+00	-4.3474e-03	-1.0418e-06	5.8756e-05	0.0000e+00
1206	0.0000e+00	0.0000e+00	-4.3975e-03	-1.5205e-06	5.7461e-05	0.0000e+00
1207	0.0000e+00	0.0000e+00	-4.4889e-03	-2.6989e-06	5.7669e-05	0.0000e+00
1208	0.0000e+00	0.0000e+00	-4.6354e-03	-3.8299e-06	5.9450e-05	0.0000e+00
1209	0.0000e+00	0.0000e+00	-4.8188e-03	-4.1576e-06	6.2761e-05	0.0000e+00
1210	0.0000e+00	0.0000e+00	-4.9893e-03	-2.9980e-06	6.7289e-05	0.0000e+00
1211	0.0000e+00	0.0000e+00	-5.0820e-03	-6.3766e-07	7.1257e-05	0.0000e+00
1212	0.0000e+00	0.0000e+00	-5.1808e-03	-4.4713e-06	7.2575e-05	0.0000e+00
1213	0.0000e+00	0.0000e+00	-7.6676e-03	3.6830e-06	9.6270e-05	0.0000e+00
1214	0.0000e+00	0.0000e+00	-7.4588e-03	3.9444e-06	8.3543e-05	0.0000e+00
1215	0.0000e+00	0.0000e+00	-7.2910e-03	2.3722e-06	7.5951e-05	0.0000e+00
1216	0.0000e+00	0.0000e+00	-7.2304e-03	-3.3154e-07	7.2213e-05	0.0000e+00
1217	0.0000e+00	0.0000e+00	-7.3159e-03	-3.7299e-06	7.1749e-05	0.0000e+00
1218	0.0000e+00	0.0000e+00	-7.5597e-03	-7.0467e-06	7.4411e-05	0.0000e+00
1219	0.0000e+00	0.0000e+00	-7.9469e-03	-9.6900e-06	8.0394e-05	0.0000e+00
1220	0.0000e+00	0.0000e+00	-8.4341e-03	-1.0987e-05	9.0322e-05	0.0000e+00
1221	0.0000e+00	0.0000e+00	-8.9469e-03	-1.0206e-05	1.0553e-04	0.0000e+00
1222	0.0000e+00	0.0000e+00	2.3982e-04	-6.8076e-07	1.6329e-05	0.0000e+00
1223	0.0000e+00	0.0000e+00	5.0329e-04	1.1122e-05	1.8710e-05	0.0000e+00
1224	0.0000e+00	0.0000e+00	8.3215e-04	5.2393e-06	1.5317e-05	0.0000e+00
1225	0.0000e+00	0.0000e+00	9.7452e-04	2.0202e-06	1.0721e-05	0.0000e+00
1226	0.0000e+00	0.0000e+00	1.0234e-03	5.4974e-07	7.9622e-06	0.0000e+00
1227	0.0000e+00	0.0000e+00	1.0305e-03	-1.3157e-07	6.9934e-06	0.0000e+00
1228	0.0000e+00	0.0000e+00	1.0119e-03	-8.2607e-07	7.7267e-06	0.0000e+00
1229	0.0000e+00	0.0000e+00	9.5023e-04	-2.3410e-06	1.0226e-05	0.0000e+00
1230	0.0000e+00	0.0000e+00	7.9283e-04	-5.6221e-06	1.4509e-05	0.0000e+00
1231	0.0000e+00	0.0000e+00	4.4748e-04	-1.1539e-05	1.7535e-05	0.0000e+00
1232	0.0000e+00	0.0000e+00	1.6884e-04	2.0681e-07	1.4292e-05	0.0000e+00
1233	0.0000e+00	0.0000e+00	-2.3597e-04	2.3845e-07	7.0424e-06	0.0000e+00
1234	0.0000e+00	0.0000e+00	-6.4537e-05	7.0884e-06	9.1099e-06	0.0000e+00
1235	0.0000e+00	0.0000e+00	2.5927e-04	6.6388e-06	1.1871e-05	0.0000e+00
1236	0.0000e+00	0.0000e+00	4.8517e-04	3.9629e-06	1.1974e-05	0.0000e+00
1237	0.0000e+00	0.0000e+00	6.0429e-04	1.7247e-06	1.1433e-05	0.0000e+00
1238	0.0000e+00	0.0000e+00	6.4067e-04	1.6971e-08	1.1054e-05	0.0000e+00
1239	0.0000e+00	0.0000e+00	6.0615e-04	-1.6937e-06	1.1053e-05	0.0000e+00
1240	0.0000e+00	0.0000e+00	4.8841e-04	-3.9465e-06	1.1198e-05	0.0000e+00
1241	0.0000e+00	0.0000e+00	2.6329e-04	-6.6315e-06	1.0671e-05	0.0000e+00
1242	0.0000e+00	0.0000e+00	-6.0912e-05	-7.0397e-06	7.4770e-06	0.0000e+00
1243	0.0000e+00	0.0000e+00	-2.2817e-04	-1.0721e-07	4.9964e-06	0.0000e+00
1244	0.0000e+00	0.0000e+00	-6.0095e-04	8.4964e-07	1.0781e-05	0.0000e+00
1245	0.0000e+00	0.0000e+00	-4.8960e-04	3.9507e-06	1.2013e-05	0.0000e+00
1246	0.0000e+00	0.0000e+00	-2.9661e-04	4.4686e-06	1.4918e-05	0.0000e+00
1247	0.0000e+00	0.0000e+00	-1.2476e-04	3.2938e-06	1.6884e-05	0.0000e+00
1248	0.0000e+00	0.0000e+00	-1.7018e-05	1.7391e-06	1.7641e-05	0.0000e+00
1249	0.0000e+00	0.0000e+00	2.9475e-05	2.5129e-07	1.7634e-05	0.0000e+00
1250	0.0000e+00	0.0000e+00	-1.2488e-05	-1.2395e-06	1.7073e-05	0.0000e+00
1251	0.0000e+00	0.0000e+00	-8.0494e-05	-2.7942e-06	1.5743e-05	0.0000e+00
1252	0.0000e+00	0.0000e+00	-2.2955e-04	-3.9661e-06	1.3201e-05	0.0000e+00
1253	0.0000e+00	0.0000e+00	-3.9978e-04	-3.4393e-06	9.7533e-06	0.0000e+00
1254	0.0000e+00	0.0000e+00	-4.8783e-04	-3.0714e-07	8.0301e-06	0.0000e+00
1255	0.0000e+00	0.0000e+00	-1.3182e-03	1.4855e-06	2.3010e-05	0.0000e+00
1256	0.0000e+00	0.0000e+00	-1.2457e-03	1.7629e-06	2.3703e-05	0.0000e+00
1257	0.0000e+00	0.0000e+00	-1.1607e-03	1.9972e-06	2.5929e-05	0.0000e+00
1258	0.0000e+00	0.0000e+00	-1.0721e-03	1.8799e-06	2.7652e-05	0.0000e+00
1259	0.0000e+00	0.0000e+00	-9.9867e-04	1.3478e-06	2.8358e-05	0.0000e+00

1260	0.0000e+00	0.0000e+00	-9.5522e-04	5.8729e-07	2.8276e-05	0.0000e+00
1261	0.0000e+00	0.0000e+00	-9.4674e-04	-2.1019e-07	2.7559e-05	0.0000e+00
1262	0.0000e+00	0.0000e+00	-9.6802e-04	-7.1909e-07	2.6047e-05	0.0000e+00
1263	0.0000e+00	0.0000e+00	-1.0045e-03	-8.4236e-07	2.3519e-05	0.0000e+00
1264	0.0000e+00	0.0000e+00	-1.0384e-03	-6.4621e-07	2.0516e-05	0.0000e+00
1265	0.0000e+00	0.0000e+00	-1.0628e-03	-4.5683e-07	1.9128e-05	0.0000e+00
1266	0.0000e+00	0.0000e+00	-2.7384e-03	2.4236e-06	4.3214e-05	0.0000e+00
1267	0.0000e+00	0.0000e+00	-2.6824e-03	3.6810e-07	4.3397e-05	0.0000e+00
1268	0.0000e+00	0.0000e+00	-2.6643e-03	6.2936e-07	4.4290e-05	0.0000e+00
1269	0.0000e+00	0.0000e+00	-2.6148e-03	1.3445e-06	4.4124e-05	0.0000e+00
1270	0.0000e+00	0.0000e+00	-2.5476e-03	1.4429e-06	4.3514e-05	0.0000e+00
1271	0.0000e+00	0.0000e+00	-2.4907e-03	1.0454e-06	4.2908e-05	0.0000e+00
1272	0.0000e+00	0.0000e+00	-2.4553e-03	6.7906e-07	4.2456e-05	0.0000e+00
1273	0.0000e+00	0.0000e+00	-2.4296e-03	8.3060e-07	4.1993e-05	0.0000e+00
1274	0.0000e+00	0.0000e+00	-2.3858e-03	1.5784e-06	4.1064e-05	0.0000e+00
1275	0.0000e+00	0.0000e+00	-2.3122e-03	1.7912e-06	3.9061e-05	0.0000e+00
1276	0.0000e+00	0.0000e+00	-2.2828e-03	-6.2531e-07	3.7816e-05	0.0000e+00
1277	0.0000e+00	0.0000e+00	-5.2336e-03	4.0060e-06	7.3076e-05	0.0000e+00
1278	0.0000e+00	0.0000e+00	-5.1577e-03	3.8187e-07	7.1944e-05	0.0000e+00
1279	0.0000e+00	0.0000e+00	-5.0936e-03	2.2793e-06	6.8197e-05	0.0000e+00
1280	0.0000e+00	0.0000e+00	-4.9577e-03	3.2977e-06	6.3924e-05	0.0000e+00
1281	0.0000e+00	0.0000e+00	-4.8150e-03	2.8443e-06	6.0903e-05	0.0000e+00
1282	0.0000e+00	0.0000e+00	-4.7142e-03	1.6284e-06	5.9447e-05	0.0000e+00
1283	0.0000e+00	0.0000e+00	-4.6713e-03	4.7763e-07	5.9601e-05	0.0000e+00
1284	0.0000e+00	0.0000e+00	-4.6687e-03	-3.2923e-07	6.1294e-05	0.0000e+00
1285	0.0000e+00	0.0000e+00	-4.6573e-03	1.1763e-06	6.4187e-05	0.0000e+00
1286	0.0000e+00	0.0000e+00	-4.5736e-03	3.4779e-06	6.6484e-05	0.0000e+00
1287	0.0000e+00	0.0000e+00	-4.5055e-03	-9.0325e-07	6.5919e-05	0.0000e+00
1288	0.0000e+00	0.0000e+00	-9.0545e-03	9.4024e-06	1.0631e-04	0.0000e+00
1289	0.0000e+00	0.0000e+00	-8.5805e-03	1.0020e-05	9.1347e-05	0.0000e+00
1290	0.0000e+00	0.0000e+00	-8.1397e-03	8.5553e-06	8.1695e-05	0.0000e+00
1291	0.0000e+00	0.0000e+00	-7.8063e-03	5.7583e-06	7.6023e-05	0.0000e+00
1292	0.0000e+00	0.0000e+00	-7.6228e-03	2.3271e-06	7.3710e-05	0.0000e+00
1293	0.0000e+00	0.0000e+00	-7.6021e-03	-1.0927e-06	7.4565e-05	0.0000e+00
1294	0.0000e+00	0.0000e+00	-7.7285e-03	-3.8020e-06	7.8743e-05	0.0000e+00
1295	0.0000e+00	0.0000e+00	-7.9577e-03	-5.1688e-06	8.6829e-05	0.0000e+00
1296	0.0000e+00	0.0000e+00	-8.2154e-03	-4.4974e-06	1.0012e-04	0.0000e+00
1297	0.0000e+00	0.0000e+00	1.6934e-04	-1.7446e-07	1.4293e-05	0.0000e+00
1298	0.0000e+00	0.0000e+00	4.4920e-04	1.1550e-05	1.7549e-05	0.0000e+00
1299	0.0000e+00	0.0000e+00	7.9466e-04	5.6158e-06	1.4517e-05	0.0000e+00
1300	0.0000e+00	0.0000e+00	9.5158e-04	2.3259e-06	1.0230e-05	0.0000e+00
1301	0.0000e+00	0.0000e+00	1.0124e-03	8.0662e-07	7.7281e-06	0.0000e+00
1302	0.0000e+00	0.0000e+00	1.0302e-03	1.1112e-07	6.9931e-06	0.0000e+00
1303	0.0000e+00	0.0000e+00	1.0221e-03	-5.7043e-07	7.9606e-06	0.0000e+00
1304	0.0000e+00	0.0000e+00	9.7244e-04	-2.0375e-06	1.0718e-05	0.0000e+00
1305	0.0000e+00	0.0000e+00	8.2946e-04	-5.2487e-06	1.5310e-05	0.0000e+00
1306	0.0000e+00	0.0000e+00	5.0043e-04	-1.1113e-05	1.8699e-05	0.0000e+00
1307	0.0000e+00	0.0000e+00	2.3771e-04	7.1485e-07	1.6329e-05	0.0000e+00
1308	0.0000e+00	0.0000e+00	-2.2747e-04	1.2340e-07	4.9949e-06	0.0000e+00
1309	0.0000e+00	0.0000e+00	-5.9670e-05	7.0496e-06	7.4842e-06	0.0000e+00
1310	0.0000e+00	0.0000e+00	2.6474e-04	6.6288e-06	1.0679e-05	0.0000e+00
1311	0.0000e+00	0.0000e+00	4.8954e-04	3.9346e-06	1.1204e-05	0.0000e+00
1312	0.0000e+00	0.0000e+00	6.0663e-04	1.6767e-06	1.1056e-05	0.0000e+00
1313	0.0000e+00	0.0000e+00	6.4035e-04	-3.6454e-08	1.1055e-05	0.0000e+00
1314	0.0000e+00	0.0000e+00	6.0313e-04	-1.7428e-06	1.1431e-05	0.0000e+00
1315	0.0000e+00	0.0000e+00	4.8329e-04	-3.9769e-06	1.1969e-05	0.0000e+00
1316	0.0000e+00	0.0000e+00	2.5688e-04	-6.6441e-06	1.1863e-05	0.0000e+00
1317	0.0000e+00	0.0000e+00	-6.5838e-05	-7.0803e-06	9.1004e-06	0.0000e+00
1318	0.0000e+00	0.0000e+00	-2.3734e-04	-2.2279e-07	7.0391e-06	0.0000e+00
1319	0.0000e+00	0.0000e+00	-4.8713e-04	3.1751e-07	8.0285e-06	0.0000e+00
1320	0.0000e+00	0.0000e+00	-3.9868e-04	3.4455e-06	9.7564e-06	0.0000e+00
1321	0.0000e+00	0.0000e+00	-2.2837e-04	3.9638e-06	1.3206e-05	0.0000e+00
1322	0.0000e+00	0.0000e+00	-7.9619e-05	2.7842e-06	1.5748e-05	0.0000e+00
1323	0.0000e+00	0.0000e+00	-1.2935e-05	1.2245e-06	1.7077e-05	0.0000e+00
1324	0.0000e+00	0.0000e+00	2.9268e-05	-2.6776e-07	1.7636e-05	0.0000e+00
1325	0.0000e+00	0.0000e+00	-1.8283e-05	-1.7547e-06	1.7641e-05	0.0000e+00
1326	0.0000e+00	0.0000e+00	-1.2651e-04	-3.3051e-06	1.6882e-05	0.0000e+00
1327	0.0000e+00	0.0000e+00	-2.9867e-04	-4.4721e-06	1.4914e-05	0.0000e+00
1328	0.0000e+00	0.0000e+00	-4.9160e-04	-3.9448e-06	1.2008e-05	0.0000e+00
1329	0.0000e+00	0.0000e+00	-6.0252e-04	-8.3715e-07	1.0780e-05	0.0000e+00
1330	0.0000e+00	0.0000e+00	-1.0621e-03	4.6417e-07	1.9128e-05	0.0000e+00
1331	0.0000e+00	0.0000e+00	-1.0374e-03	6.4924e-07	2.0517e-05	0.0000e+00

1332	0.0000e+00	0.0000e+00	-1.0035e-03	8.3856e-07	2.3521e-05	0.0000e+00
1333	0.0000e+00	0.0000e+00	-9.6730e-04	7.0871e-07	2.6051e-05	0.0000e+00
1334	0.0000e+00	0.0000e+00	-9.4656e-04	1.9622e-07	2.7563e-05	0.0000e+00
1335	0.0000e+00	0.0000e+00	-9.5572e-04	-6.0278e-07	2.8279e-05	0.0000e+00
1336	0.0000e+00	0.0000e+00	-9.9985e-04	-1.3623e-06	2.8361e-05	0.0000e+00
1337	0.0000e+00	0.0000e+00	-1.0738e-03	-1.8899e-06	2.7654e-05	0.0000e+00
1338	0.0000e+00	0.0000e+00	-1.1627e-03	-2.0001e-06	2.5931e-05	0.0000e+00
1339	0.0000e+00	0.0000e+00	-1.2477e-03	-1.7579e-06	2.3705e-05	0.0000e+00
1340	0.0000e+00	0.0000e+00	-1.3198e-03	-1.4752e-06	2.3012e-05	0.0000e+00
1341	0.0000e+00	0.0000e+00	-2.2820e-03	6.3237e-07	3.7816e-05	0.0000e+00
1342	0.0000e+00	0.0000e+00	-2.3112e-03	-1.7880e-06	3.9061e-05	0.0000e+00
1343	0.0000e+00	0.0000e+00	-2.3849e-03	-1.5816e-06	4.1065e-05	0.0000e+00
1344	0.0000e+00	0.0000e+00	-2.4290e-03	-8.3894e-07	4.1996e-05	0.0000e+00
1345	0.0000e+00	0.0000e+00	-2.4553e-03	-6.9213e-07	4.2460e-05	0.0000e+00
1346	0.0000e+00	0.0000e+00	-2.4914e-03	-1.0614e-06	4.2914e-05	0.0000e+00
1347	0.0000e+00	0.0000e+00	-2.5490e-03	-1.4577e-06	4.3521e-05	0.0000e+00
1348	0.0000e+00	0.0000e+00	-2.6168e-03	-1.3548e-06	4.4132e-05	0.0000e+00
1349	0.0000e+00	0.0000e+00	-2.6666e-03	-6.3144e-07	4.4299e-05	0.0000e+00
1350	0.0000e+00	0.0000e+00	-2.6846e-03	-3.6180e-07	4.3406e-05	0.0000e+00
1351	0.0000e+00	0.0000e+00	-2.7402e-03	-2.4127e-06	4.3221e-05	0.0000e+00
1352	0.0000e+00	0.0000e+00	-4.5048e-03	9.1244e-07	6.5921e-05	0.0000e+00
1353	0.0000e+00	0.0000e+00	-4.5726e-03	-3.4754e-06	6.6484e-05	0.0000e+00
1354	0.0000e+00	0.0000e+00	-4.6564e-03	-1.1806e-06	6.4189e-05	0.0000e+00
1355	0.0000e+00	0.0000e+00	-4.6683e-03	3.2569e-07	6.1297e-05	0.0000e+00
1356	0.0000e+00	0.0000e+00	-4.6715e-03	-4.9081e-07	5.9607e-05	0.0000e+00
1357	0.0000e+00	0.0000e+00	-4.7151e-03	-1.6463e-06	5.9455e-05	0.0000e+00
1358	0.0000e+00	0.0000e+00	-4.8168e-03	-2.8610e-06	6.0913e-05	0.0000e+00
1359	0.0000e+00	0.0000e+00	-4.9601e-03	-3.3100e-06	6.3937e-05	0.0000e+00
1360	0.0000e+00	0.0000e+00	-5.0964e-03	-2.2835e-06	6.8212e-05	0.0000e+00
1361	0.0000e+00	0.0000e+00	-5.1605e-03	-3.7572e-07	7.1961e-05	0.0000e+00
1362	0.0000e+00	0.0000e+00	-5.2359e-03	-3.9923e-06	7.3090e-05	0.0000e+00
1363	0.0000e+00	0.0000e+00	-8.2145e-03	4.5006e-06	1.0012e-04	0.0000e+00
1364	0.0000e+00	0.0000e+00	-7.9569e-03	5.1620e-06	8.6834e-05	0.0000e+00
1365	0.0000e+00	0.0000e+00	-7.7283e-03	3.7883e-06	7.8749e-05	0.0000e+00
1366	0.0000e+00	0.0000e+00	-7.6027e-03	1.0749e-06	7.4572e-05	0.0000e+00
1367	0.0000e+00	0.0000e+00	-7.6242e-03	-2.3462e-06	7.3719e-05	0.0000e+00
1368	0.0000e+00	0.0000e+00	-7.8085e-03	-5.7762e-06	7.6035e-05	0.0000e+00
1369	0.0000e+00	0.0000e+00	-8.1427e-03	-8.5690e-06	8.1709e-05	0.0000e+00
1370	0.0000e+00	0.0000e+00	-8.5840e-03	-1.0026e-05	9.1363e-05	0.0000e+00
1371	0.0000e+00	0.0000e+00	-9.0580e-03	-9.3969e-06	1.0633e-04	0.0000e+00
1372	0.0000e+00	0.0000e+00	2.3722e-04	-6.5029e-07	1.6302e-05	0.0000e+00
1373	0.0000e+00	0.0000e+00	5.0335e-04	1.1168e-05	1.8661e-05	0.0000e+00
1374	0.0000e+00	0.0000e+00	8.3518e-04	5.3047e-06	1.5229e-05	0.0000e+00
1375	0.0000e+00	0.0000e+00	9.8088e-04	2.1010e-06	1.0576e-05	0.0000e+00
1376	0.0000e+00	0.0000e+00	1.0335e-03	6.3512e-07	7.7446e-06	0.0000e+00
1377	0.0000e+00	0.0000e+00	1.0441e-03	-6.9188e-08	6.6904e-06	0.0000e+00
1378	0.0000e+00	0.0000e+00	1.0276e-03	-8.1064e-07	7.3335e-06	0.0000e+00
1379	0.0000e+00	0.0000e+00	9.6471e-04	-2.4298e-06	9.7405e-06	0.0000e+00
1380	0.0000e+00	0.0000e+00	8.0025e-04	-5.8762e-06	1.3936e-05	0.0000e+00
1381	0.0000e+00	0.0000e+00	4.3908e-04	-1.2038e-05	1.6845e-05	0.0000e+00
1382	0.0000e+00	0.0000e+00	1.4311e-04	-4.8280e-07	1.3879e-05	0.0000e+00
1383	0.0000e+00	0.0000e+00	-2.3267e-04	2.7426e-07	6.9309e-06	0.0000e+00
1384	0.0000e+00	0.0000e+00	-5.6159e-05	7.1733e-06	8.9519e-06	0.0000e+00
1385	0.0000e+00	0.0000e+00	2.6869e-04	6.7590e-06	1.1654e-05	0.0000e+00
1386	0.0000e+00	0.0000e+00	5.0105e-04	4.1152e-06	1.1676e-05	0.0000e+00
1387	0.0000e+00	0.0000e+00	6.2753e-04	1.8975e-06	1.1035e-05	0.0000e+00
1388	0.0000e+00	0.0000e+00	6.7166e-04	1.9246e-07	1.0540e-05	0.0000e+00
1389	0.0000e+00	0.0000e+00	6.4391e-04	-1.5707e-06	1.0409e-05	0.0000e+00
1390	0.0000e+00	0.0000e+00	5.2988e-04	-3.9257e-06	1.0421e-05	0.0000e+00
1391	0.0000e+00	0.0000e+00	3.0286e-04	-6.7871e-06	9.7686e-06	0.0000e+00
1392	0.0000e+00	0.0000e+00	5.3754e-05	-7.4675e-06	6.4487e-06	0.0000e+00
1393	0.0000e+00	0.0000e+00	-2.3091e-04	-8.1213e-07	3.8797e-06	0.0000e+00
1394	0.0000e+00	0.0000e+00	-5.9224e-04	9.5598e-07	1.0581e-05	0.0000e+00
1395	0.0000e+00	0.0000e+00	-4.7510e-04	4.1042e-06	1.1732e-05	0.0000e+00
1396	0.0000e+00	0.0000e+00	-2.7409e-04	4.6749e-06	1.4543e-05	0.0000e+00
1397	0.0000e+00	0.0000e+00	-9.1698e-05	3.5521e-06	1.6394e-05	0.0000e+00
1398	0.0000e+00	0.0000e+00	2.9162e-05	2.0376e-06	1.7011e-05	0.0000e+00
1399	0.0000e+00	0.0000e+00	8.6253e-05	5.6414e-07	1.6844e-05	0.0000e+00
1400	0.0000e+00	0.0000e+00	7.8186e-05	-9.6581e-07	1.6107e-05	0.0000e+00
1401	0.0000e+00	0.0000e+00	1.4357e-05	-2.6239e-06	1.4592e-05	0.0000e+00
1402	0.0000e+00	0.0000e+00	-1.4292e-04	-3.9943e-06	1.1873e-05	0.0000e+00
1403	0.0000e+00	0.0000e+00	-3.2145e-04	-3.7746e-06	8.2755e-06	0.0000e+00

1404	0.0000e+00	0.0000e+00	-4.3340e-04	-1.0624e-06	6.5372e-06	0.0000e+00
1405	0.0000e+00	0.0000e+00	-1.2988e-03	1.6837e-06	2.2712e-05	0.0000e+00
1406	0.0000e+00	0.0000e+00	-1.2162e-03	2.0247e-06	2.3287e-05	0.0000e+00
1407	0.0000e+00	0.0000e+00	-1.1180e-03	2.3336e-06	2.5377e-05	0.0000e+00
1408	0.0000e+00	0.0000e+00	-1.0130e-03	2.2924e-06	2.6938e-05	0.0000e+00
1409	0.0000e+00	0.0000e+00	-9.2000e-04	1.8238e-06	2.7456e-05	0.0000e+00
1410	0.0000e+00	0.0000e+00	-8.5474e-04	1.0922e-06	2.7159e-05	0.0000e+00
1411	0.0000e+00	0.0000e+00	-8.2401e-04	3.0577e-07	2.6207e-05	0.0000e+00
1412	0.0000e+00	0.0000e+00	-8.2558e-04	-3.1118e-07	2.4448e-05	0.0000e+00
1413	0.0000e+00	0.0000e+00	-8.4933e-04	-6.6310e-07	2.1678e-05	0.0000e+00
1414	0.0000e+00	0.0000e+00	-8.8376e-04	-8.5872e-07	1.8474e-05	0.0000e+00
1415	0.0000e+00	0.0000e+00	-9.3000e-04	-1.2737e-06	1.7020e-05	0.0000e+00
1416	0.0000e+00	0.0000e+00	-2.7038e-03	2.7490e-06	4.2811e-05	0.0000e+00
1417	0.0000e+00	0.0000e+00	-2.6317e-03	7.5268e-07	4.2839e-05	0.0000e+00
1418	0.0000e+00	0.0000e+00	-2.5936e-03	1.1393e-06	4.3551e-05	0.0000e+00
1419	0.0000e+00	0.0000e+00	-2.5196e-03	1.9655e-06	4.3174e-05	0.0000e+00
1420	0.0000e+00	0.0000e+00	-2.4236e-03	2.1513e-06	4.2322e-05	0.0000e+00
1421	0.0000e+00	0.0000e+00	-2.3343e-03	1.8027e-06	4.1443e-05	0.0000e+00
1422	0.0000e+00	0.0000e+00	-2.2652e-03	1.4032e-06	4.0689e-05	0.0000e+00
1423	0.0000e+00	0.0000e+00	-2.2076e-03	1.4286e-06	3.9904e-05	0.0000e+00
1424	0.0000e+00	0.0000e+00	-2.1389e-03	1.9540e-06	3.8644e-05	0.0000e+00
1425	0.0000e+00	0.0000e+00	-2.0547e-03	1.7469e-06	3.6323e-05	0.0000e+00
1426	0.0000e+00	0.0000e+00	-2.0403e-03	-1.3690e-06	3.4823e-05	0.0000e+00
1427	0.0000e+00	0.0000e+00	-5.1794e-03	4.4920e-06	7.2582e-05	0.0000e+00
1428	0.0000e+00	0.0000e+00	-5.0800e-03	7.0193e-07	7.1260e-05	0.0000e+00
1429	0.0000e+00	0.0000e+00	-4.9871e-03	3.0137e-06	6.7290e-05	0.0000e+00
1430	0.0000e+00	0.0000e+00	-4.8166e-03	4.1636e-06	6.2762e-05	0.0000e+00
1431	0.0000e+00	0.0000e+00	-4.6335e-03	3.8325e-06	5.9451e-05	0.0000e+00
1432	0.0000e+00	0.0000e+00	-4.4874e-03	2.7017e-06	5.7670e-05	0.0000e+00
1433	0.0000e+00	0.0000e+00	-4.3964e-03	1.5253e-06	5.7462e-05	0.0000e+00
1434	0.0000e+00	0.0000e+00	-4.3465e-03	1.0419e-06	5.8759e-05	0.0000e+00
1435	0.0000e+00	0.0000e+00	-4.2938e-03	1.9010e-06	6.1225e-05	0.0000e+00
1436	0.0000e+00	0.0000e+00	-4.1831e-03	3.8095e-06	6.3049e-05	0.0000e+00
1437	0.0000e+00	0.0000e+00	-4.1158e-03	-1.3250e-06	6.2123e-05	0.0000e+00
1438	0.0000e+00	0.0000e+00	-8.9453e-03	1.0222e-05	1.0554e-04	0.0000e+00
1439	0.0000e+00	0.0000e+00	-8.4322e-03	1.0994e-05	9.0332e-05	0.0000e+00
1440	0.0000e+00	0.0000e+00	-7.9450e-03	9.6915e-06	8.0401e-05	0.0000e+00
1441	0.0000e+00	0.0000e+00	-7.5581e-03	7.0463e-06	7.4417e-05	0.0000e+00
1442	0.0000e+00	0.0000e+00	-7.3147e-03	3.7332e-06	7.1755e-05	0.0000e+00
1443	0.0000e+00	0.0000e+00	-7.2296e-03	4.2251e-07	7.2220e-05	0.0000e+00
1444	0.0000e+00	0.0000e+00	-7.2906e-03	-2.3893e-06	7.5961e-05	0.0000e+00
1445	0.0000e+00	0.0000e+00	-7.4586e-03	-3.9497e-06	8.3557e-05	0.0000e+00
1446	0.0000e+00	0.0000e+00	-7.6673e-03	-3.6792e-06	9.6288e-05	0.0000e+00
1447	0.0000e+00	0.0000e+00	3.5173e-04	1.0946e-05	1.6814e-05	0.0000e+00
1448	0.0000e+00	0.0000e+00	6.4947e-04	5.3439e-06	1.5658e-05	0.0000e+00
1449	0.0000e+00	0.0000e+00	7.6622e-04	1.4416e-06	1.2315e-05	0.0000e+00
1450	0.0000e+00	0.0000e+00	7.6967e-04	7.9057e-07	1.0419e-05	0.0000e+00
1451	0.0000e+00	0.0000e+00	7.0863e-04	-2.0328e-06	1.0159e-05	0.0000e+00
1452	0.0000e+00	0.0000e+00	6.1005e-04	-2.8199e-06	1.1470e-05	0.0000e+00
1453	0.0000e+00	0.0000e+00	4.8317e-04	-3.5572e-06	1.4250e-05	0.0000e+00
1454	0.0000e+00	0.0000e+00	3.2407e-04	-4.5338e-06	1.8396e-05	0.0000e+00
1455	0.0000e+00	0.0000e+00	1.2024e-04	-5.7509e-06	2.2949e-05	0.0000e+00
1456	0.0000e+00	0.0000e+00	-6.5762e-05	-3.7970e-06	2.8957e-05	0.0000e+00
1457	0.0000e+00	0.0000e+00	-1.3133e-04	5.3261e-06	6.6300e-06	0.0000e+00
1458	0.0000e+00	0.0000e+00	1.1339e-04	5.1007e-06	1.0358e-05	0.0000e+00
1459	0.0000e+00	0.0000e+00	2.4548e-04	2.1539e-06	1.1963e-05	0.0000e+00
1460	0.0000e+00	0.0000e+00	2.6672e-04	-7.4034e-07	1.2926e-05	0.0000e+00
1461	0.0000e+00	0.0000e+00	1.8792e-04	-3.1059e-06	1.4094e-05	0.0000e+00
1462	0.0000e+00	0.0000e+00	5.4467e-05	-5.0956e-06	1.5865e-05	0.0000e+00
1463	0.0000e+00	0.0000e+00	-2.3083e-04	-6.9413e-06	1.8318e-05	0.0000e+00
1464	0.0000e+00	0.0000e+00	-5.3716e-04	-8.6264e-06	2.1307e-05	0.0000e+00
1465	0.0000e+00	0.0000e+00	-8.9903e-04	-9.4424e-06	2.4082e-05	0.0000e+00
1466	0.0000e+00	0.0000e+00	-1.2461e-03	-7.6561e-06	2.8760e-05	0.0000e+00
1467	0.0000e+00	0.0000e+00	-4.2389e-04	1.2831e-06	8.4617e-06	0.0000e+00
1468	0.0000e+00	0.0000e+00	-3.6410e-04	1.3796e-06	1.2154e-05	0.0000e+00
1469	0.0000e+00	0.0000e+00	-3.4149e-04	-2.7671e-07	1.5492e-05	0.0000e+00
1470	0.0000e+00	0.0000e+00	-4.0186e-04	-2.6422e-06	1.8028e-05	0.0000e+00
1471	0.0000e+00	0.0000e+00	-5.5694e-04	-5.0561e-06	2.0124e-05	0.0000e+00
1472	0.0000e+00	0.0000e+00	-8.0621e-04	-7.4014e-06	2.2169e-05	0.0000e+00
1473	0.0000e+00	0.0000e+00	-1.1461e-03	-9.6165e-06	2.4336e-05	0.0000e+00
1474	0.0000e+00	0.0000e+00	-1.5676e-03	-1.1446e-05	2.6628e-05	0.0000e+00
1475	0.0000e+00	0.0000e+00	-2.0440e-03	-1.2243e-05	2.8772e-05	0.0000e+00

1476	0.0000e+00	0.0000e+00	-2.5129e-03	-1.0974e-05	3.2867e-05	0.0000e+00
1477	0.0000e+00	0.0000e+00	-9.9172e-04	-1.8561e-06	1.8559e-05	0.0000e+00
1478	0.0000e+00	0.0000e+00	-1.0780e-03	-2.5547e-06	2.1732e-05	0.0000e+00
1479	0.0000e+00	0.0000e+00	-1.1987e-03	-3.6369e-06	2.4883e-05	0.0000e+00
1480	0.0000e+00	0.0000e+00	-1.3738e-03	-5.2528e-06	2.7416e-05	0.0000e+00
1481	0.0000e+00	0.0000e+00	-1.6232e-03	-7.3099e-06	2.9490e-05	0.0000e+00
1482	0.0000e+00	0.0000e+00	-1.9603e-03	-9.5978e-06	3.1400e-05	0.0000e+00
1483	0.0000e+00	0.0000e+00	-2.3892e-03	-1.1850e-05	3.3309e-05	0.0000e+00
1484	0.0000e+00	0.0000e+00	-2.9015e-03	-1.3712e-05	3.5262e-05	0.0000e+00
1485	0.0000e+00	0.0000e+00	-3.4721e-03	-1.4685e-05	3.7118e-05	0.0000e+00
1486	0.0000e+00	0.0000e+00	-4.0488e-03	-1.3927e-05	4.0762e-05	0.0000e+00
1487	0.0000e+00	0.0000e+00	-2.1618e-03	-4.5426e-06	3.6191e-05	0.0000e+00
1488	0.0000e+00	0.0000e+00	-2.3650e-03	-5.5970e-06	3.8443e-05	0.0000e+00
1489	0.0000e+00	0.0000e+00	-2.5910e-03	-6.0578e-06	3.9914e-05	0.0000e+00
1490	0.0000e+00	0.0000e+00	-2.8484e-03	-7.1763e-06	4.0964e-05	0.0000e+00
1491	0.0000e+00	0.0000e+00	-3.1688e-03	-9.0840e-06	4.2013e-05	0.0000e+00
1492	0.0000e+00	0.0000e+00	-3.5772e-03	-1.1454e-05	4.3322e-05	0.0000e+00
1493	0.0000e+00	0.0000e+00	-4.0832e-03	-1.3833e-05	4.4959e-05	0.0000e+00
1494	0.0000e+00	0.0000e+00	-4.6772e-03	-1.5757e-05	4.6851e-05	0.0000e+00
1495	0.0000e+00	0.0000e+00	-5.3329e-03	-1.6867e-05	4.8659e-05	0.0000e+00
1496	0.0000e+00	0.0000e+00	-6.0084e-03	-1.6700e-05	5.1938e-05	0.0000e+00
1497	0.0000e+00	0.0000e+00	-4.2781e-03	-6.7376e-06	6.2621e-05	0.0000e+00
1498	0.0000e+00	0.0000e+00	-4.5119e-03	-5.7302e-06	6.1118e-05	0.0000e+00
1499	0.0000e+00	0.0000e+00	-4.7238e-03	-5.6079e-06	5.8504e-05	0.0000e+00
1500	0.0000e+00	0.0000e+00	-4.9670e-03	-7.0507e-06	5.6602e-05	0.0000e+00
1501	0.0000e+00	0.0000e+00	-5.2944e-03	-9.6264e-06	5.5785e-05	0.0000e+00
1502	0.0000e+00	0.0000e+00	-5.7390e-03	-1.2758e-05	5.6100e-05	0.0000e+00
1503	0.0000e+00	0.0000e+00	-6.3102e-03	-1.5818e-05	5.7474e-05	0.0000e+00
1504	0.0000e+00	0.0000e+00	-6.9917e-03	-1.8136e-05	5.9734e-05	0.0000e+00
1505	0.0000e+00	0.0000e+00	-7.7434e-03	-1.9213e-05	6.2269e-05	0.0000e+00
1506	0.0000e+00	0.0000e+00	-8.5215e-03	-1.9547e-05	6.5843e-05	0.0000e+00
1507	0.0000e+00	0.0000e+00	-7.7728e-03	1.1089e-06	9.7147e-05	0.0000e+00
1508	0.0000e+00	0.0000e+00	-7.6873e-03	1.0373e-06	8.4181e-05	0.0000e+00
1509	0.0000e+00	0.0000e+00	-7.6512e-03	-7.8617e-07	7.5500e-05	0.0000e+00
1510	0.0000e+00	0.0000e+00	-7.7319e-03	-4.2343e-06	6.9996e-05	0.0000e+00
1511	0.0000e+00	0.0000e+00	-7.9754e-03	-8.5124e-06	6.6975e-05	0.0000e+00
1512	0.0000e+00	0.0000e+00	-8.4067e-03	-1.3133e-05	6.6046e-05	0.0000e+00
1513	0.0000e+00	0.0000e+00	-9.0291e-03	-1.7512e-05	6.6995e-05	0.0000e+00
1514	0.0000e+00	0.0000e+00	-9.8211e-03	-2.1002e-05	6.9769e-05	0.0000e+00
1515	0.0000e+00	0.0000e+00	-1.0734e-02	-2.2882e-05	7.4457e-05	0.0000e+00
1516	0.0000e+00	0.0000e+00	5.0662e-04	1.2295e-05	1.9954e-05	0.0000e+00
1517	0.0000e+00	0.0000e+00	8.6195e-04	6.6074e-06	1.9818e-05	0.0000e+00
1518	0.0000e+00	0.0000e+00	1.0205e-03	2.0001e-06	1.7888e-05	0.0000e+00
1519	0.0000e+00	0.0000e+00	1.0206e-03	-1.9943e-06	1.7887e-05	0.0000e+00
1520	0.0000e+00	0.0000e+00	8.6250e-04	-6.6012e-06	1.9817e-05	0.0000e+00
1521	0.0000e+00	0.0000e+00	5.0791e-04	-1.2284e-05	1.9956e-05	0.0000e+00
1522	0.0000e+00	0.0000e+00	-1.0322e-04	6.0208e-06	1.0098e-05	0.0000e+00
1523	0.0000e+00	0.0000e+00	1.4598e-04	5.6515e-06	1.4059e-05	0.0000e+00
1524	0.0000e+00	0.0000e+00	2.9895e-04	2.0693e-06	1.5527e-05	0.0000e+00
1525	0.0000e+00	0.0000e+00	2.9893e-04	-2.0709e-06	1.5536e-05	0.0000e+00
1526	0.0000e+00	0.0000e+00	1.4597e-04	-5.6562e-06	1.4090e-05	0.0000e+00
1527	0.0000e+00	0.0000e+00	-1.0437e-04	-6.0334e-06	1.0159e-05	0.0000e+00
1528	0.0000e+00	0.0000e+00	-5.7043e-04	1.8389e-06	1.2731e-05	0.0000e+00
1529	0.0000e+00	0.0000e+00	-4.7985e-04	2.3317e-06	1.6118e-05	0.0000e+00
1530	0.0000e+00	0.0000e+00	-4.1134e-04	9.6562e-07	1.8282e-05	0.0000e+00
1531	0.0000e+00	0.0000e+00	-4.1203e-04	-1.0001e-06	1.8305e-05	0.0000e+00
1532	0.0000e+00	0.0000e+00	-4.8210e-04	-2.3744e-06	1.6189e-05	0.0000e+00
1533	0.0000e+00	0.0000e+00	-5.7476e-04	-1.9004e-06	1.2858e-05	0.0000e+00
1534	0.0000e+00	0.0000e+00	-1.3607e-03	-1.3146e-06	2.4673e-05	0.0000e+00
1535	0.0000e+00	0.0000e+00	-1.4027e-03	-7.9125e-07	2.7654e-05	0.0000e+00
1536	0.0000e+00	0.0000e+00	-1.4232e-03	-2.7795e-07	2.9658e-05	0.0000e+00
1537	0.0000e+00	0.0000e+00	-1.4253e-03	1.7915e-07	2.9696e-05	0.0000e+00
1538	0.0000e+00	0.0000e+00	-1.4090e-03	6.7918e-07	2.7770e-05	0.0000e+00
1539	0.0000e+00	0.0000e+00	-1.3722e-03	1.1749e-06	2.4874e-05	0.0000e+00
1540	0.0000e+00	0.0000e+00	-2.8566e-03	-4.5059e-06	4.5259e-05	0.0000e+00
1541	0.0000e+00	0.0000e+00	-3.0234e-03	-3.6007e-06	4.8183e-05	0.0000e+00
1542	0.0000e+00	0.0000e+00	-3.1210e-03	-1.3399e-06	4.9671e-05	0.0000e+00
1543	0.0000e+00	0.0000e+00	-3.1250e-03	1.1434e-06	4.9724e-05	0.0000e+00
1544	0.0000e+00	0.0000e+00	-3.0358e-03	3.3862e-06	4.8345e-05	0.0000e+00
1545	0.0000e+00	0.0000e+00	-2.8784e-03	4.2550e-06	4.5537e-05	0.0000e+00
1546	0.0000e+00	0.0000e+00	-5.4406e-03	-8.3062e-06	7.5141e-05	0.0000e+00
1547	0.0000e+00	0.0000e+00	-5.6973e-03	-5.0660e-06	7.5760e-05	0.0000e+00

1548	0.0000e+00	0.0000e+00	-5.8247e-03	-1.7012e-06	7.5256e-05	0.0000e+00
1549	0.0000e+00	0.0000e+00	-5.8314e-03	1.3752e-06	7.5323e-05	0.0000e+00
1550	0.0000e+00	0.0000e+00	-5.7177e-03	4.7167e-06	7.5964e-05	0.0000e+00
1551	0.0000e+00	0.0000e+00	-5.4761e-03	7.9113e-06	7.5489e-05	0.0000e+00
1552	0.0000e+00	0.0000e+00	-9.5405e-03	-3.2616e-06	1.1236e-04	0.0000e+00
1553	0.0000e+00	0.0000e+00	-9.6062e-03	-1.3543e-06	1.0313e-04	0.0000e+00
1554	0.0000e+00	0.0000e+00	-9.6294e-03	-4.9874e-07	9.8900e-05	0.0000e+00
1555	0.0000e+00	0.0000e+00	-9.6391e-03	-5.5059e-08	9.8976e-05	0.0000e+00
1556	0.0000e+00	0.0000e+00	-9.6360e-03	8.3242e-07	1.0336e-04	0.0000e+00
1557	0.0000e+00	0.0000e+00	-9.5920e-03	2.6848e-06	1.1275e-04	0.0000e+00
1558	0.0000e+00	0.0000e+00	5.0726e-04	1.2305e-05	1.9970e-05	0.0000e+00
1559	0.0000e+00	0.0000e+00	8.6243e-04	6.6058e-06	1.9826e-05	0.0000e+00
1560	0.0000e+00	0.0000e+00	1.0206e-03	1.9922e-06	1.7891e-05	0.0000e+00
1561	0.0000e+00	0.0000e+00	1.0203e-03	-2.0030e-06	1.7888e-05	0.0000e+00
1562	0.0000e+00	0.0000e+00	8.6177e-04	-6.6053e-06	1.9813e-05	0.0000e+00
1563	0.0000e+00	0.0000e+00	5.0663e-04	-1.2279e-05	1.9945e-05	0.0000e+00
1564	0.0000e+00	0.0000e+00	-1.0482e-04	6.0501e-06	1.0163e-05	0.0000e+00
1565	0.0000e+00	0.0000e+00	1.4551e-04	5.6647e-06	1.4096e-05	0.0000e+00
1566	0.0000e+00	0.0000e+00	2.9878e-04	2.0737e-06	1.5539e-05	0.0000e+00
1567	0.0000e+00	0.0000e+00	2.9889e-04	-2.0672e-06	1.5525e-05	0.0000e+00
1568	0.0000e+00	0.0000e+00	1.4600e-04	-5.6450e-06	1.4053e-05	0.0000e+00
1569	0.0000e+00	0.0000e+00	-1.0241e-04	-6.0062e-06	1.0089e-05	0.0000e+00
1570	0.0000e+00	0.0000e+00	-5.7581e-04	1.9132e-06	1.2861e-05	0.0000e+00
1571	0.0000e+00	0.0000e+00	-4.8271e-04	2.3837e-06	1.6192e-05	0.0000e+00
1572	0.0000e+00	0.0000e+00	-4.1235e-04	1.0062e-06	1.8307e-05	0.0000e+00
1573	0.0000e+00	0.0000e+00	-4.1141e-04	-9.5976e-07	1.8281e-05	0.0000e+00
1574	0.0000e+00	0.0000e+00	-4.7959e-04	-2.3232e-06	1.6114e-05	0.0000e+00
1575	0.0000e+00	0.0000e+00	-5.6971e-04	-1.8270e-06	1.2725e-05	0.0000e+00
1576	0.0000e+00	0.0000e+00	-1.3733e-03	-1.1637e-06	2.4877e-05	0.0000e+00
1577	0.0000e+00	0.0000e+00	-1.4098e-03	-6.6966e-07	2.7774e-05	0.0000e+00
1578	0.0000e+00	0.0000e+00	-1.4256e-03	-1.7205e-07	2.9699e-05	0.0000e+00
1579	0.0000e+00	0.0000e+00	-1.4233e-03	2.8732e-07	2.9660e-05	0.0000e+00
1580	0.0000e+00	0.0000e+00	-1.4023e-03	8.0249e-07	2.7654e-05	0.0000e+00
1581	0.0000e+00	0.0000e+00	-1.3598e-03	1.3286e-06	2.4671e-05	0.0000e+00
1582	0.0000e+00	0.0000e+00	-2.8798e-03	-4.2439e-06	4.5543e-05	0.0000e+00
1583	0.0000e+00	0.0000e+00	-3.0368e-03	-3.3770e-06	4.8352e-05	0.0000e+00
1584	0.0000e+00	0.0000e+00	-3.1255e-03	-1.1359e-06	4.9731e-05	0.0000e+00
1585	0.0000e+00	0.0000e+00	-3.1211e-03	1.3496e-06	4.9677e-05	0.0000e+00
1586	0.0000e+00	0.0000e+00	-3.0231e-03	3.6124e-06	4.8188e-05	0.0000e+00
1587	0.0000e+00	0.0000e+00	-2.8557e-03	4.5204e-06	4.5262e-05	0.0000e+00
1588	0.0000e+00	0.0000e+00	-5.4778e-03	-7.8995e-06	7.5500e-05	0.0000e+00
1589	0.0000e+00	0.0000e+00	-5.7190e-03	-4.7081e-06	7.5974e-05	0.0000e+00
1590	0.0000e+00	0.0000e+00	-5.8323e-03	-1.3692e-06	7.5334e-05	0.0000e+00
1591	0.0000e+00	0.0000e+00	-5.8253e-03	1.7110e-06	7.5267e-05	0.0000e+00
1592	0.0000e+00	0.0000e+00	-5.6974e-03	5.0780e-06	7.5771e-05	0.0000e+00
1593	0.0000e+00	0.0000e+00	-5.4400e-03	8.3229e-06	7.5152e-05	0.0000e+00
1594	0.0000e+00	0.0000e+00	-9.5944e-03	-2.6702e-06	1.1277e-04	0.0000e+00
1595	0.0000e+00	0.0000e+00	-9.6379e-03	-8.2477e-07	1.0338e-04	0.0000e+00
1596	0.0000e+00	0.0000e+00	-9.6407e-03	1.0188e-07	9.8992e-05	0.0000e+00
1597	0.0000e+00	0.0000e+00	-9.6306e-03	5.1702e-07	9.8916e-05	0.0000e+00
1598	0.0000e+00	0.0000e+00	-9.6069e-03	1.3713e-06	1.0315e-04	0.0000e+00
1599	0.0000e+00	0.0000e+00	-9.5406e-03	3.2831e-06	1.1238e-04	0.0000e+00
1600	0.0000e+00	0.0000e+00	4.6081e-04	1.1899e-05	1.8184e-05	0.0000e+00
1601	0.0000e+00	0.0000e+00	8.1826e-04	5.8565e-06	1.6018e-05	0.0000e+00
1602	0.0000e+00	0.0000e+00	9.7766e-04	2.1688e-06	1.2776e-05	0.0000e+00
1603	0.0000e+00	0.0000e+00	1.0162e-03	-1.9872e-07	1.1707e-05	0.0000e+00
1604	0.0000e+00	0.0000e+00	9.6113e-04	-2.5203e-06	1.2974e-05	0.0000e+00
1605	0.0000e+00	0.0000e+00	7.8915e-04	-6.0730e-06	1.6433e-05	0.0000e+00
1606	0.0000e+00	0.0000e+00	4.2692e-04	-1.1907e-05	1.8849e-05	0.0000e+00
1607	0.0000e+00	0.0000e+00	1.4254e-04	7.9429e-09	1.5288e-05	0.0000e+00
1608	0.0000e+00	0.0000e+00	-6.8874e-05	6.7495e-06	7.9584e-06	0.0000e+00
1609	0.0000e+00	0.0000e+00	2.3404e-04	6.1380e-06	1.1650e-05	0.0000e+00
1610	0.0000e+00	0.0000e+00	4.2735e-04	2.9366e-06	1.2670e-05	0.0000e+00
1611	0.0000e+00	0.0000e+00	4.8259e-04	-2.9036e-07	1.2887e-05	0.0000e+00
1612	0.0000e+00	0.0000e+00	4.0272e-04	-3.4845e-06	1.2832e-05	0.0000e+00
1613	0.0000e+00	0.0000e+00	1.8793e-04	-6.5831e-06	1.2007e-05	0.0000e+00
1614	0.0000e+00	0.0000e+00	-1.2867e-04	-7.0261e-06	8.5471e-06	0.0000e+00
1615	0.0000e+00	0.0000e+00	-2.9772e-04	4.7961e-09	5.8272e-06	0.0000e+00
1616	0.0000e+00	0.0000e+00	-4.2781e-04	2.7737e-06	1.0064e-05	0.0000e+00
1617	0.0000e+00	0.0000e+00	-2.9015e-04	3.1667e-06	1.3708e-05	0.0000e+00
1618	0.0000e+00	0.0000e+00	-1.8216e-04	1.7045e-06	1.6214e-05	0.0000e+00
1619	0.0000e+00	0.0000e+00	-1.5255e-04	-3.4219e-07	1.7027e-05	0.0000e+00

1620	0.0000e+00	0.0000e+00	-2.1118e-04	-2.3820e-06	1.6247e-05	0.0000e+00
1621	0.0000e+00	0.0000e+00	-3.4778e-04	-3.7993e-06	1.3842e-05	0.0000e+00
1622	0.0000e+00	0.0000e+00	-5.1052e-04	-3.2755e-06	1.0378e-05	0.0000e+00
1623	0.0000e+00	0.0000e+00	-5.8810e-04	2.8190e-09	8.5389e-06	0.0000e+00
1624	0.0000e+00	0.0000e+00	-1.0782e-03	-2.6230e-07	2.0781e-05	0.0000e+00
1625	0.0000e+00	0.0000e+00	-1.0822e-03	8.0644e-08	2.3883e-05	0.0000e+00
1626	0.0000e+00	0.0000e+00	-1.0792e-03	6.8101e-08	2.6181e-05	0.0000e+00
1627	0.0000e+00	0.0000e+00	-1.0838e-03	-2.9091e-07	2.6877e-05	0.0000e+00
1628	0.0000e+00	0.0000e+00	-1.1045e-03	-6.3921e-07	2.5927e-05	0.0000e+00
1629	0.0000e+00	0.0000e+00	-1.1361e-03	-7.2022e-07	2.3518e-05	0.0000e+00
1630	0.0000e+00	0.0000e+00	-1.1631e-03	-4.3052e-07	2.0510e-05	0.0000e+00
1631	0.0000e+00	0.0000e+00	-1.1729e-03	3.1468e-09	1.9036e-05	0.0000e+00
1632	0.0000e+00	0.0000e+00	-2.3655e-03	-2.9167e-06	3.9459e-05	0.0000e+00
1633	0.0000e+00	0.0000e+00	-2.4839e-03	-2.4057e-06	4.1731e-05	0.0000e+00
1634	0.0000e+00	0.0000e+00	-2.5544e-03	-1.0808e-06	4.2650e-05	0.0000e+00
1635	0.0000e+00	0.0000e+00	-2.5753e-03	-5.1872e-08	4.2619e-05	0.0000e+00
1636	0.0000e+00	0.0000e+00	-2.5585e-03	8.5701e-07	4.1879e-05	0.0000e+00
1637	0.0000e+00	0.0000e+00	-2.5035e-03	1.8328e-06	4.0404e-05	0.0000e+00
1638	0.0000e+00	0.0000e+00	-2.4162e-03	2.0792e-06	3.8033e-05	0.0000e+00
1639	0.0000e+00	0.0000e+00	-2.3665e-03	6.5655e-09	3.6596e-05	0.0000e+00
1640	0.0000e+00	0.0000e+00	-4.6494e-03	-5.1289e-06	6.7149e-05	0.0000e+00
1641	0.0000e+00	0.0000e+00	-4.7973e-03	-2.3414e-06	6.5508e-05	0.0000e+00
1642	0.0000e+00	0.0000e+00	-4.8453e-03	-4.3482e-07	6.3120e-05	0.0000e+00
1643	0.0000e+00	0.0000e+00	-4.8376e-03	5.4244e-07	6.1732e-05	0.0000e+00
1644	0.0000e+00	0.0000e+00	-4.8009e-03	1.2393e-06	6.1622e-05	0.0000e+00
1645	0.0000e+00	0.0000e+00	-4.7286e-03	2.4796e-06	6.2646e-05	0.0000e+00
1646	0.0000e+00	0.0000e+00	-4.5943e-03	4.2364e-06	6.3443e-05	0.0000e+00
1647	0.0000e+00	0.0000e+00	-4.4915e-03	9.8987e-09	6.2384e-05	0.0000e+00
1648	0.0000e+00	0.0000e+00	-8.3280e-03	2.1485e-06	1.0113e-04	0.0000e+00
1649	0.0000e+00	0.0000e+00	-8.1702e-03	3.3095e-06	8.8834e-05	0.0000e+00
1650	0.0000e+00	0.0000e+00	-8.0117e-03	2.8152e-06	8.1796e-05	0.0000e+00
1651	0.0000e+00	0.0000e+00	-7.9089e-03	1.3884e-06	7.8853e-05	0.0000e+00
1652	0.0000e+00	0.0000e+00	-7.8869e-03	-2.7479e-07	7.9627e-05	0.0000e+00
1653	0.0000e+00	0.0000e+00	-7.9407e-03	-1.4794e-06	8.4361e-05	0.0000e+00
1654	0.0000e+00	0.0000e+00	-8.0353e-03	-1.5599e-06	9.4007e-05	0.0000e+00
1655	0.0000e+00	0.0000e+00	4.2801e-04	1.1920e-05	1.8862e-05	0.0000e+00
1656	0.0000e+00	0.0000e+00	7.9038e-04	6.0686e-06	1.6440e-05	0.0000e+00
1657	0.0000e+00	0.0000e+00	9.6200e-04	2.5089e-06	1.2976e-05	0.0000e+00
1658	0.0000e+00	0.0000e+00	1.0165e-03	1.8555e-07	1.1707e-05	0.0000e+00
1659	0.0000e+00	0.0000e+00	9.7746e-04	-2.1797e-06	1.2772e-05	0.0000e+00
1660	0.0000e+00	0.0000e+00	8.1772e-04	-5.8601e-06	1.6011e-05	0.0000e+00
1661	0.0000e+00	0.0000e+00	4.6040e-04	-1.1886e-05	1.8172e-05	0.0000e+00
1662	0.0000e+00	0.0000e+00	-1.2800e-04	7.0372e-06	8.5545e-06	0.0000e+00
1663	0.0000e+00	0.0000e+00	1.8884e-04	6.5828e-06	1.2013e-05	0.0000e+00
1664	0.0000e+00	0.0000e+00	4.0345e-04	3.4771e-06	1.2836e-05	0.0000e+00
1665	0.0000e+00	0.0000e+00	4.8293e-04	2.8081e-07	1.2886e-05	0.0000e+00
1666	0.0000e+00	0.0000e+00	4.2732e-04	-2.9438e-06	1.2666e-05	0.0000e+00
1667	0.0000e+00	0.0000e+00	2.3384e-04	-6.1379e-06	1.1642e-05	0.0000e+00
1668	0.0000e+00	0.0000e+00	-6.8862e-05	-6.7386e-06	7.9500e-06	0.0000e+00
1669	0.0000e+00	0.0000e+00	-5.1006e-04	3.2837e-06	1.0382e-05	0.0000e+00
1670	0.0000e+00	0.0000e+00	-3.4710e-04	3.8006e-06	1.3846e-05	0.0000e+00
1671	0.0000e+00	0.0000e+00	-2.1056e-04	2.3778e-06	1.6249e-05	0.0000e+00
1672	0.0000e+00	0.0000e+00	-1.5215e-04	3.3602e-07	1.7026e-05	0.0000e+00
1673	0.0000e+00	0.0000e+00	-1.8199e-04	-1.7085e-06	1.6210e-05	0.0000e+00
1674	0.0000e+00	0.0000e+00	-2.9007e-04	-3.1654e-06	1.3703e-05	0.0000e+00
1675	0.0000e+00	0.0000e+00	-4.2753e-04	-2.7658e-06	1.0059e-05	0.0000e+00
1676	0.0000e+00	0.0000e+00	-1.1627e-03	4.3775e-07	2.0511e-05	0.0000e+00
1677	0.0000e+00	0.0000e+00	-1.1356e-03	7.2235e-07	2.3519e-05	0.0000e+00
1678	0.0000e+00	0.0000e+00	-1.1039e-03	6.3685e-07	2.5927e-05	0.0000e+00
1679	0.0000e+00	0.0000e+00	-1.0834e-03	2.8653e-07	2.6876e-05	0.0000e+00
1680	0.0000e+00	0.0000e+00	-1.0790e-03	-6.5711e-08	2.6180e-05	0.0000e+00
1681	0.0000e+00	0.0000e+00	-1.0819e-03	-7.8613e-08	2.3880e-05	0.0000e+00
1682	0.0000e+00	0.0000e+00	-1.0778e-03	2.6828e-07	2.0779e-05	0.0000e+00
1683	0.0000e+00	0.0000e+00	-2.4158e-03	-2.0727e-06	3.8031e-05	0.0000e+00
1684	0.0000e+00	0.0000e+00	-2.5029e-03	-1.8315e-06	4.0403e-05	0.0000e+00
1685	0.0000e+00	0.0000e+00	-2.5579e-03	-8.5986e-07	4.1878e-05	0.0000e+00
1686	0.0000e+00	0.0000e+00	-2.5748e-03	4.5519e-08	4.2619e-05	0.0000e+00
1687	0.0000e+00	0.0000e+00	-2.5541e-03	1.0778e-06	4.2650e-05	0.0000e+00
1688	0.0000e+00	0.0000e+00	-2.4837e-03	2.4068e-06	4.1732e-05	0.0000e+00
1689	0.0000e+00	0.0000e+00	-2.3651e-03	2.9225e-06	3.9460e-05	0.0000e+00
1690	0.0000e+00	0.0000e+00	-4.5938e-03	-4.2294e-06	6.3440e-05	0.0000e+00
1691	0.0000e+00	0.0000e+00	-4.7279e-03	-2.4794e-06	6.2644e-05	0.0000e+00



1692	0.0000e+00	0.0000e+00	-4.8003e-03	-1.2432e-06	6.1621e-05	0.0000e+00
1693	0.0000e+00	0.0000e+00	-4.8372e-03	-5.4675e-07	6.1732e-05	0.0000e+00
1694	0.0000e+00	0.0000e+00	-4.8450e-03	4.2863e-07	6.3122e-05	0.0000e+00
1695	0.0000e+00	0.0000e+00	-4.7971e-03	2.3409e-06	6.5512e-05	0.0000e+00
1696	0.0000e+00	0.0000e+00	-4.6491e-03	5.1348e-06	6.7154e-05	0.0000e+00
1697	0.0000e+00	0.0000e+00	-8.0347e-03	1.5692e-06	9.4006e-05	0.0000e+00
1698	0.0000e+00	0.0000e+00	-7.9400e-03	1.4805e-06	8.4360e-05	0.0000e+00
1699	0.0000e+00	0.0000e+00	-7.8863e-03	2.7013e-07	7.9627e-05	0.0000e+00
1700	0.0000e+00	0.0000e+00	-7.9085e-03	-1.3933e-06	7.8854e-05	0.0000e+00
1701	0.0000e+00	0.0000e+00	-8.0116e-03	-2.8191e-06	8.1798e-05	0.0000e+00
1702	0.0000e+00	0.0000e+00	-8.1703e-03	-3.3096e-06	8.8838e-05	0.0000e+00
1703	0.0000e+00	0.0000e+00	-8.3280e-03	-2.1418e-06	1.0114e-04	0.0000e+00
1704	0.0000e+00	0.0000e+00	-1.9971e-04	2.1372e-06	3.1344e-05	0.0000e+00
1705	0.0000e+00	0.0000e+00	-1.5611e-03	6.4544e-06	3.0927e-05	0.0000e+00
1706	0.0000e+00	0.0000e+00	-2.9847e-03	1.0040e-05	3.4613e-05	0.0000e+00
1707	0.0000e+00	0.0000e+00	-4.6561e-03	1.3099e-05	4.2388e-05	0.0000e+00
1708	0.0000e+00	0.0000e+00	-6.7432e-03	1.5981e-05	5.3747e-05	0.0000e+00
1709	0.0000e+00	0.0000e+00	-9.3821e-03	1.8847e-05	6.7629e-05	0.0000e+00
1710	0.0000e+00	0.0000e+00	-1.9589e-04	-2.1382e-06	3.1365e-05	0.0000e+00
1711	0.0000e+00	0.0000e+00	-1.5549e-03	-6.4144e-06	3.0951e-05	0.0000e+00
1712	0.0000e+00	0.0000e+00	-2.9794e-03	-9.9997e-06	3.4636e-05	0.0000e+00
1713	0.0000e+00	0.0000e+00	-4.6519e-03	-1.3061e-05	4.2412e-05	0.0000e+00
1714	0.0000e+00	0.0000e+00	-6.7400e-03	-1.5943e-05	5.3771e-05	0.0000e+00
1715	0.0000e+00	0.0000e+00	-9.3799e-03	-1.8808e-05	6.7653e-05	0.0000e+00
1716	0.0000e+00	0.0000e+00	7.9247e-03	1.9737e-05	5.1967e-05	0.0000e+00
1717	0.0000e+00	0.0000e+00	5.9874e-03	1.7755e-05	3.6791e-05	0.0000e+00
1718	0.0000e+00	0.0000e+00	4.6708e-03	1.6093e-05	2.3701e-05	0.0000e+00
1719	0.0000e+00	0.0000e+00	3.8705e-03	1.4647e-05	1.3706e-05	0.0000e+00
1720	0.0000e+00	0.0000e+00	3.4597e-03	1.3198e-05	-7.3142e-06	0.0000e+00
1721	0.0000e+00	0.0000e+00	3.2899e-03	1.1564e-05	-4.4400e-06	0.0000e+00
1722	0.0000e+00	0.0000e+00	3.1853e-03	9.5223e-06	-3.8789e-06	0.0000e+00
1723	0.0000e+00	0.0000e+00	2.9430e-03	6.7494e-06	8.4769e-06	0.0000e+00
1724	0.0000e+00	0.0000e+00	2.3391e-03	2.9453e-06	1.9122e-05	0.0000e+00
1725	0.0000e+00	0.0000e+00	7.9401e-03	-1.9712e-05	5.2050e-05	0.0000e+00
1726	0.0000e+00	0.0000e+00	5.9988e-03	-1.7733e-05	3.6896e-05	0.0000e+00
1727	0.0000e+00	0.0000e+00	4.6773e-03	-1.6069e-05	2.3832e-05	0.0000e+00
1728	0.0000e+00	0.0000e+00	3.8720e-03	-1.4618e-05	1.3871e-05	0.0000e+00
1729	0.0000e+00	0.0000e+00	3.4570e-03	-1.3162e-05	-7.5213e-06	0.0000e+00
1730	0.0000e+00	0.0000e+00	3.2844e-03	-1.1517e-05	-4.6574e-06	0.0000e+00
1731	0.0000e+00	0.0000e+00	3.1780e-03	-9.4635e-06	-4.0476e-06	0.0000e+00
1732	0.0000e+00	0.0000e+00	2.9346e-03	-6.6736e-06	8.5423e-06	0.0000e+00
1733	0.0000e+00	0.0000e+00	2.3299e-03	-2.8372e-06	1.9150e-05	0.0000e+00
1734	0.0000e+00	0.0000e+00	-1.4043e-02	2.8823e-05	7.2469e-05	0.0000e+00
1735	0.0000e+00	0.0000e+00	-1.2958e-02	2.5437e-05	6.9522e-05	0.0000e+00
1736	0.0000e+00	0.0000e+00	-1.2054e-02	1.9761e-05	6.7271e-05	0.0000e+00
1737	0.0000e+00	0.0000e+00	-1.1399e-02	1.3045e-05	6.6650e-05	0.0000e+00
1738	0.0000e+00	0.0000e+00	-1.1019e-02	5.9106e-06	6.7917e-05	0.0000e+00
1739	0.0000e+00	0.0000e+00	-1.0924e-02	-1.0796e-06	7.1307e-05	0.0000e+00
1740	0.0000e+00	0.0000e+00	-1.1100e-02	-7.6947e-06	7.7043e-05	0.0000e+00
1741	0.0000e+00	0.0000e+00	-1.1514e-02	-1.3089e-05	8.5076e-05	0.0000e+00
1742	0.0000e+00	0.0000e+00	-1.2074e-02	-1.5072e-05	9.2963e-05	0.0000e+00
1743	0.0000e+00	0.0000e+00	-1.1959e-02	1.6888e-05	9.3572e-05	0.0000e+00
1744	0.0000e+00	0.0000e+00	-1.1276e-02	1.4244e-05	8.5131e-05	0.0000e+00
1745	0.0000e+00	0.0000e+00	-1.0775e-02	8.6436e-06	7.7948e-05	0.0000e+00
1746	0.0000e+00	0.0000e+00	-1.0540e-02	2.0673e-06	7.4052e-05	0.0000e+00
1747	0.0000e+00	0.0000e+00	-1.0602e-02	-4.8634e-06	7.3495e-05	0.0000e+00
1748	0.0000e+00	0.0000e+00	-1.0968e-02	-1.1805e-05	7.6239e-05	0.0000e+00
1749	0.0000e+00	0.0000e+00	-1.1631e-02	-1.8353e-05	8.2375e-05	0.0000e+00
1750	0.0000e+00	0.0000e+00	-1.2557e-02	-2.3864e-05	9.1914e-05	0.0000e+00
1751	0.0000e+00	0.0000e+00	-1.3658e-02	-2.6293e-05	1.0293e-04	0.0000e+00
1752	0.0000e+00	0.0000e+00	1.1328e-02	-2.6796e-05	5.7222e-05	0.0000e+00
1753	0.0000e+00	0.0000e+00	1.0310e-02	-2.4280e-05	5.5617e-05	0.0000e+00
1754	0.0000e+00	0.0000e+00	9.4364e-03	-1.9504e-05	5.3973e-05	0.0000e+00
1755	0.0000e+00	0.0000e+00	8.7738e-03	-1.3726e-05	5.3551e-05	0.0000e+00
1756	0.0000e+00	0.0000e+00	8.3501e-03	-7.5525e-06	5.4754e-05	0.0000e+00
1757	0.0000e+00	0.0000e+00	8.1731e-03	-1.4286e-06	5.7820e-05	0.0000e+00
1758	0.0000e+00	0.0000e+00	8.2345e-03	4.4437e-06	6.2904e-05	0.0000e+00
1759	0.0000e+00	0.0000e+00	8.5067e-03	9.2838e-06	6.9819e-05	0.0000e+00
1760	0.0000e+00	0.0000e+00	8.9124e-03	1.1243e-05	7.6215e-05	0.0000e+00
1761	0.0000e+00	0.0000e+00	8.7562e-03	-1.4261e-05	7.6674e-05	0.0000e+00
1762	0.0000e+00	0.0000e+00	8.1846e-03	-1.2042e-05	6.9608e-05	0.0000e+00
1763	0.0000e+00	0.0000e+00	7.7640e-03	-7.3814e-06	6.3227e-05	0.0000e+00

1764	0.0000e+00	0.0000e+00	7.5621e-03	-2.1510e-06	5.9607e-05	0.0000e+00
1765	0.0000e+00	0.0000e+00	7.5989e-03	3.6579e-06	5.8932e-05	0.0000e+00
1766	0.0000e+00	0.0000e+00	7.8782e-03	9.1112e-06	6.1197e-05	0.0000e+00
1767	0.0000e+00	0.0000e+00	8.3925e-03	1.4314e-05	6.6443e-05	0.0000e+00
1768	0.0000e+00	0.0000e+00	9.1170e-03	1.8721e-05	7.4516e-05	0.0000e+00
1769	0.0000e+00	0.0000e+00	9.9758e-03	2.0476e-05	8.3370e-05	0.0000e+00
1770	0.0000e+00	0.0000e+00	1.0176e-02	-1.9171e-05	8.4361e-05	0.0000e+00
1771	0.0000e+00	0.0000e+00	9.3831e-03	-1.7196e-05	7.5843e-05	0.0000e+00
1772	0.0000e+00	0.0000e+00	8.7349e-03	-1.2519e-05	6.8148e-05	0.0000e+00
1773	0.0000e+00	0.0000e+00	8.3093e-03	-7.0269e-06	6.3323e-05	0.0000e+00
1774	0.0000e+00	0.0000e+00	8.1312e-03	-1.3970e-06	6.1525e-05	0.0000e+00
1775	0.0000e+00	0.0000e+00	8.2069e-03	4.6295e-06	6.2720e-05	0.0000e+00
1776	0.0000e+00	0.0000e+00	8.5290e-03	1.0070e-05	6.6919e-05	0.0000e+00
1777	0.0000e+00	0.0000e+00	9.0718e-03	1.4706e-05	7.3951e-05	0.0000e+00
1778	0.0000e+00	0.0000e+00	9.7588e-03	1.6683e-05	8.1778e-05	0.0000e+00
1779	0.0000e+00	0.0000e+00	-1.3801e-02	2.5260e-05	1.0372e-04	0.0000e+00
1780	0.0000e+00	0.0000e+00	-1.2750e-02	2.2635e-05	9.2940e-05	0.0000e+00
1781	0.0000e+00	0.0000e+00	-1.1882e-02	1.6919e-05	8.3673e-05	0.0000e+00
1782	0.0000e+00	0.0000e+00	-1.1287e-02	1.0171e-05	7.7843e-05	0.0000e+00
1783	0.0000e+00	0.0000e+00	-1.0997e-02	3.0597e-06	7.5442e-05	0.0000e+00
1784	0.0000e+00	0.0000e+00	-1.1017e-02	-4.0042e-06	7.6386e-05	0.0000e+00
1785	0.0000e+00	0.0000e+00	-1.1338e-02	-1.0599e-05	8.0720e-05	0.0000e+00
1786	0.0000e+00	0.0000e+00	-1.1923e-02	-1.6090e-05	8.8407e-05	0.0000e+00
1787	0.0000e+00	0.0000e+00	-1.2680e-02	-1.8437e-05	9.7454e-05	0.0000e+00
1788	0.0000e+00	0.0000e+00	-1.2680e-02	1.8439e-05	9.7461e-05	0.0000e+00
1789	0.0000e+00	0.0000e+00	-1.1922e-02	1.6082e-05	8.8413e-05	0.0000e+00
1790	0.0000e+00	0.0000e+00	-1.1338e-02	1.0583e-05	8.0727e-05	0.0000e+00
1791	0.0000e+00	0.0000e+00	-1.1018e-02	3.9840e-06	7.6394e-05	0.0000e+00
1792	0.0000e+00	0.0000e+00	-1.0999e-02	-3.0818e-06	7.5452e-05	0.0000e+00
1793	0.0000e+00	0.0000e+00	-1.1290e-02	-1.0192e-05	7.7854e-05	0.0000e+00
1794	0.0000e+00	0.0000e+00	-1.1886e-02	-1.6936e-05	8.3687e-05	0.0000e+00
1795	0.0000e+00	0.0000e+00	-1.2754e-02	-2.2645e-05	9.2956e-05	0.0000e+00
1796	0.0000e+00	0.0000e+00	-1.3805e-02	-2.5259e-05	1.0373e-04	0.0000e+00
1797	0.0000e+00	0.0000e+00	9.7523e-03	-1.6679e-05	8.1759e-05	0.0000e+00
1798	0.0000e+00	0.0000e+00	9.0653e-03	-1.4709e-05	7.3933e-05	0.0000e+00
1799	0.0000e+00	0.0000e+00	8.5221e-03	-1.0080e-05	6.6899e-05	0.0000e+00
1800	0.0000e+00	0.0000e+00	8.1995e-03	-4.6473e-06	6.2697e-05	0.0000e+00
1801	0.0000e+00	0.0000e+00	8.1231e-03	1.3968e-06	6.1501e-05	0.0000e+00
1802	0.0000e+00	0.0000e+00	8.3002e-03	7.0089e-06	6.3296e-05	0.0000e+00
1803	0.0000e+00	0.0000e+00	8.7249e-03	1.2500e-05	6.8120e-05	0.0000e+00
1804	0.0000e+00	0.0000e+00	9.3721e-03	1.7179e-05	7.5815e-05	0.0000e+00
1805	0.0000e+00	0.0000e+00	1.0165e-02	1.9160e-05	8.4330e-05	0.0000e+00
1806	0.0000e+00	0.0000e+00	9.9599e-03	-2.0474e-05	8.3325e-05	0.0000e+00
1807	0.0000e+00	0.0000e+00	9.1008e-03	-1.8733e-05	7.4473e-05	0.0000e+00
1808	0.0000e+00	0.0000e+00	8.3755e-03	-1.4340e-05	6.6396e-05	0.0000e+00
1809	0.0000e+00	0.0000e+00	7.8599e-03	-9.1545e-06	6.1145e-05	0.0000e+00
1810	0.0000e+00	0.0000e+00	7.5790e-03	-3.7343e-06	5.8875e-05	0.0000e+00
1811	0.0000e+00	0.0000e+00	7.5404e-03	2.1818e-06	5.9547e-05	0.0000e+00
1812	0.0000e+00	0.0000e+00	7.7403e-03	7.3583e-06	6.3166e-05	0.0000e+00
1813	0.0000e+00	0.0000e+00	8.1594e-03	1.2016e-05	6.9546e-05	0.0000e+00
1814	0.0000e+00	0.0000e+00	8.7298e-03	1.4241e-05	7.6603e-05	0.0000e+00
1815	0.0000e+00	0.0000e+00	8.8862e-03	-1.1225e-05	7.6139e-05	0.0000e+00
1816	0.0000e+00	0.0000e+00	8.4812e-03	-9.2689e-06	6.9752e-05	0.0000e+00
1817	0.0000e+00	0.0000e+00	8.2097e-03	-4.4280e-06	6.2836e-05	0.0000e+00
1818	0.0000e+00	0.0000e+00	8.1487e-03	1.4021e-06	5.7748e-05	0.0000e+00
1819	0.0000e+00	0.0000e+00	8.3261e-03	7.5445e-06	5.4680e-05	0.0000e+00
1820	0.0000e+00	0.0000e+00	8.7499e-03	1.3716e-05	5.3474e-05	0.0000e+00
1821	0.0000e+00	0.0000e+00	9.4126e-03	1.9493e-05	5.3893e-05	0.0000e+00
1822	0.0000e+00	0.0000e+00	1.0286e-02	2.4270e-05	5.5531e-05	0.0000e+00
1823	0.0000e+00	0.0000e+00	1.1303e-02	2.6791e-05	5.7120e-05	0.0000e+00
1824	0.0000e+00	0.0000e+00	-1.3657e-02	2.6309e-05	1.0295e-04	0.0000e+00
1825	0.0000e+00	0.0000e+00	-1.2556e-02	2.3870e-05	9.1925e-05	0.0000e+00
1826	0.0000e+00	0.0000e+00	-1.1629e-02	1.8353e-05	8.2384e-05	0.0000e+00
1827	0.0000e+00	0.0000e+00	-1.0967e-02	1.1802e-05	7.6246e-05	0.0000e+00
1828	0.0000e+00	0.0000e+00	-1.0601e-02	4.8656e-06	7.3503e-05	0.0000e+00
1829	0.0000e+00	0.0000e+00	-1.0540e-02	-2.1086e-06	7.4060e-05	0.0000e+00
1830	0.0000e+00	0.0000e+00	-1.0775e-02	-8.6597e-06	7.7959e-05	0.0000e+00
1831	0.0000e+00	0.0000e+00	-1.1277e-02	-1.4253e-05	8.5145e-05	0.0000e+00
1832	0.0000e+00	0.0000e+00	-1.1960e-02	-1.6889e-05	9.3588e-05	0.0000e+00
1833	0.0000e+00	0.0000e+00	-1.2075e-02	1.5076e-05	9.2983e-05	0.0000e+00
1834	0.0000e+00	0.0000e+00	-1.1514e-02	1.3081e-05	8.5093e-05	0.0000e+00
1835	0.0000e+00	0.0000e+00	-1.1101e-02	7.6755e-06	7.7058e-05	0.0000e+00

1836	0.0000e+00	0.0000e+00	-1.0925e-02	1.0002e-06	7.1322e-05	0.0000e+00
1837	0.0000e+00	0.0000e+00	-1.1022e-02	-5.9149e-06	6.7933e-05	0.0000e+00
1838	0.0000e+00	0.0000e+00	-1.1401e-02	-1.3052e-05	6.6667e-05	0.0000e+00
1839	0.0000e+00	0.0000e+00	-1.2058e-02	-1.9763e-05	6.7291e-05	0.0000e+00
1840	0.0000e+00	0.0000e+00	-1.2961e-02	-2.5429e-05	6.9544e-05	0.0000e+00
1841	0.0000e+00	0.0000e+00	-1.4046e-02	-2.8801e-05	7.2493e-05	0.0000e+00
1842	0.0000e+00	0.0000e+00	-1.4538e-02	6.3897e-06	1.0859e-04	0.0000e+00
1843	0.0000e+00	0.0000e+00	-1.4303e-02	5.5105e-06	1.0462e-04	0.0000e+00
1844	0.0000e+00	0.0000e+00	-1.4159e-02	1.7919e-06	1.0134e-04	0.0000e+00
1845	0.0000e+00	0.0000e+00	-1.4172e-02	-2.4451e-06	1.0142e-04	0.0000e+00
1846	0.0000e+00	0.0000e+00	-1.4343e-02	-6.1949e-06	1.0484e-04	0.0000e+00
1847	0.0000e+00	0.0000e+00	-1.4607e-02	-7.1355e-06	1.0898e-04	0.0000e+00
1848	0.0000e+00	0.0000e+00	1.0635e-02	-5.5902e-06	8.7808e-05	0.0000e+00
1849	0.0000e+00	0.0000e+00	1.0445e-02	-4.7987e-06	8.5202e-05	0.0000e+00
1850	0.0000e+00	0.0000e+00	1.0330e-02	-1.6167e-06	8.2688e-05	0.0000e+00
1851	0.0000e+00	0.0000e+00	1.0350e-02	2.3168e-06	8.2787e-05	0.0000e+00
1852	0.0000e+00	0.0000e+00	1.0505e-02	5.5618e-06	8.5501e-05	0.0000e+00
1853	0.0000e+00	0.0000e+00	1.0737e-02	6.4050e-06	8.8316e-05	0.0000e+00
1854	0.0000e+00	0.0000e+00	-1.4610e-02	7.1512e-06	1.0900e-04	0.0000e+00
1855	0.0000e+00	0.0000e+00	-1.4346e-02	6.2062e-06	1.0486e-04	0.0000e+00
1856	0.0000e+00	0.0000e+00	-1.4175e-02	2.4551e-06	1.0144e-04	0.0000e+00
1857	0.0000e+00	0.0000e+00	-1.4161e-02	-1.7892e-06	1.0136e-04	0.0000e+00
1858	0.0000e+00	0.0000e+00	-1.4304e-02	-5.5032e-06	1.0463e-04	0.0000e+00
1859	0.0000e+00	0.0000e+00	-1.4539e-02	-6.3785e-06	1.0860e-04	0.0000e+00
1860	0.0000e+00	0.0000e+00	1.0724e-02	-6.4026e-06	8.8281e-05	0.0000e+00
1861	0.0000e+00	0.0000e+00	1.0492e-02	-5.5692e-06	8.5470e-05	0.0000e+00
1862	0.0000e+00	0.0000e+00	1.0336e-02	-2.3473e-06	8.2755e-05	0.0000e+00
1863	0.0000e+00	0.0000e+00	1.0316e-02	1.6654e-06	8.2655e-05	0.0000e+00
1864	0.0000e+00	0.0000e+00	1.0430e-02	4.8190e-06	8.5167e-05	0.0000e+00
1865	0.0000e+00	0.0000e+00	1.0620e-02	5.6141e-06	8.7766e-05	0.0000e+00
1866	0.0000e+00	0.0000e+00	1.0074e-02	-9.5869e-06	8.3815e-05	0.0000e+00
1867	0.0000e+00	0.0000e+00	9.7048e-03	-7.7590e-06	7.8393e-05	0.0000e+00
1868	0.0000e+00	0.0000e+00	9.4677e-03	-3.4247e-06	7.3911e-05	0.0000e+00
1869	0.0000e+00	0.0000e+00	9.4304e-03	1.5958e-06	7.2570e-05	0.0000e+00
1870	0.0000e+00	0.0000e+00	9.6079e-03	6.5671e-06	7.4640e-05	0.0000e+00
1871	0.0000e+00	0.0000e+00	9.9868e-03	1.0947e-05	7.9863e-05	0.0000e+00
1872	0.0000e+00	0.0000e+00	1.0500e-02	1.2822e-05	8.6046e-05	0.0000e+00
1873	0.0000e+00	0.0000e+00	1.0499e-02	-1.2828e-05	8.6044e-05	0.0000e+00
1874	0.0000e+00	0.0000e+00	9.9855e-03	-1.0961e-05	7.9859e-05	0.0000e+00
1875	0.0000e+00	0.0000e+00	9.6054e-03	-6.5882e-06	7.4634e-05	0.0000e+00
1876	0.0000e+00	0.0000e+00	9.4267e-03	-1.6314e-06	7.2561e-05	0.0000e+00
1877	0.0000e+00	0.0000e+00	9.4627e-03	3.4167e-06	7.3900e-05	0.0000e+00
1878	0.0000e+00	0.0000e+00	9.6988e-03	7.7517e-06	7.8380e-05	0.0000e+00
1879	0.0000e+00	0.0000e+00	1.0067e-02	9.5872e-06	8.3800e-05	0.0000e+00
1880	0.0000e+00	0.0000e+00	-1.2838e-02	1.4957e-05	9.8428e-05	0.0000e+00
1881	0.0000e+00	0.0000e+00	-1.2228e-02	1.3043e-05	9.0482e-05	0.0000e+00
1882	0.0000e+00	0.0000e+00	-1.1764e-02	8.2440e-06	8.3962e-05	0.0000e+00
1883	0.0000e+00	0.0000e+00	-1.1527e-02	2.6083e-06	8.1005e-05	0.0000e+00
1884	0.0000e+00	0.0000e+00	-1.1540e-02	-3.2214e-06	8.1763e-05	0.0000e+00
1885	0.0000e+00	0.0000e+00	-1.1797e-02	-8.6148e-06	8.6069e-05	0.0000e+00
1886	0.0000e+00	0.0000e+00	-1.2244e-02	-1.1866e-05	9.2146e-05	0.0000e+00
1887	0.0000e+00	0.0000e+00	-1.2243e-02	1.1873e-05	9.2148e-05	0.0000e+00
1888	0.0000e+00	0.0000e+00	-1.1797e-02	8.6141e-06	8.6070e-05	0.0000e+00
1889	0.0000e+00	0.0000e+00	-1.1540e-02	3.2152e-06	8.1764e-05	0.0000e+00
1890	0.0000e+00	0.0000e+00	-1.1527e-02	-2.6154e-06	8.1007e-05	0.0000e+00
1891	0.0000e+00	0.0000e+00	-1.1764e-02	-8.2506e-06	8.3965e-05	0.0000e+00
1892	0.0000e+00	0.0000e+00	-1.2228e-02	-1.3046e-05	9.0485e-05	0.0000e+00
1893	0.0000e+00	0.0000e+00	-1.2838e-02	-1.4953e-05	9.8432e-05	0.0000e+00
2124	3.9784e-01	-1.0514e-04	0.0000e+00	0.0000e+00	0.0000e+00	-1.3123e-07

SPOSTAMENTI NODALI "Dinamica SLOh Y" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.0000e+00	0.0000e+00	7.2269e-03	-5.9309e-05	1.9311e-05	0.0000e+00
2	0.0000e+00	0.0000e+00	-1.0066e-03	-1.6271e-05	8.0453e-06	0.0000e+00
3	0.0000e+00	0.0000e+00	1.3628e-03	-1.8269e-05	4.7838e-06	0.0000e+00
4	0.0000e+00	0.0000e+00	-1.2016e-03	-1.8890e-05	-5.2367e-06	0.0000e+00
5	0.0000e+00	0.0000e+00	7.0794e-04	-1.4746e-05	2.0230e-06	0.0000e+00
6	0.0000e+00	0.0000e+00	3.3670e-05	-1.7854e-05	2.2252e-07	0.0000e+00
7	0.0000e+00	0.0000e+00	-6.8112e-04	-1.4744e-05	-1.7134e-06	0.0000e+00
8	0.0000e+00	0.0000e+00	1.2514e-03	-1.8829e-05	5.2275e-06	0.0000e+00
9	0.0000e+00	0.0000e+00	-1.3310e-03	-1.8365e-05	-4.5330e-06	0.0000e+00

10	0.0000e+00	0.0000e+00	9.1128e-04	-1.6372e-05	-8.4061e-06	0.0000e+00
11	0.0000e+00	0.0000e+00	-7.3528e-03	-5.9368e-05	-2.0004e-05	0.0000e+00
12	0.0000e+00	0.0000e+00	4.9631e-03	-9.0081e-05	-7.2840e-06	0.0000e+00
13	0.0000e+00	0.0000e+00	-8.9187e-04	-6.6297e-05	8.3726e-06	0.0000e+00
14	0.0000e+00	0.0000e+00	1.2577e-03	-6.8586e-05	-6.3019e-06	0.0000e+00
15	0.0000e+00	0.0000e+00	-1.3261e-03	-6.8603e-05	4.2763e-06	0.0000e+00
16	0.0000e+00	0.0000e+00	6.0894e-04	-6.6424e-05	-2.1126e-06	0.0000e+00
17	0.0000e+00	0.0000e+00	-1.5330e-06	-6.7565e-05	-1.7482e-09	0.0000e+00
18	0.0000e+00	0.0000e+00	-6.1041e-04	-6.6426e-05	2.1209e-06	0.0000e+00
19	0.0000e+00	0.0000e+00	1.3250e-03	-6.8600e-05	-4.2803e-06	0.0000e+00
20	0.0000e+00	0.0000e+00	-1.2578e-03	-6.8582e-05	6.3013e-06	0.0000e+00
21	0.0000e+00	0.0000e+00	8.9258e-04	-6.6291e-05	-8.3948e-06	0.0000e+00
22	0.0000e+00	0.0000e+00	-4.9687e-03	-9.0121e-05	7.2346e-06	0.0000e+00
23	0.0000e+00	0.0000e+00	7.4465e-03	-6.3251e-05	-1.3525e-05	0.0000e+00
24	0.0000e+00	0.0000e+00	-1.4803e-03	-1.6599e-05	-1.3855e-05	0.0000e+00
25	0.0000e+00	0.0000e+00	1.7204e-03	-1.8704e-05	-1.0480e-05	0.0000e+00
26	0.0000e+00	0.0000e+00	-1.3241e-03	-1.9258e-05	6.9224e-06	0.0000e+00
27	0.0000e+00	0.0000e+00	8.2752e-04	-1.4729e-05	-3.3375e-06	0.0000e+00
28	0.0000e+00	0.0000e+00	1.2830e-06	-1.8033e-05	1.1416e-08	0.0000e+00
29	0.0000e+00	0.0000e+00	-8.2603e-04	-1.4727e-05	3.3396e-06	0.0000e+00
30	0.0000e+00	0.0000e+00	1.3281e-03	-1.9250e-05	-6.9356e-06	0.0000e+00
31	0.0000e+00	0.0000e+00	-1.7189e-03	-1.8713e-05	1.0514e-05	0.0000e+00
32	0.0000e+00	0.0000e+00	1.5096e-03	-1.6626e-05	1.3934e-05	0.0000e+00
33	0.0000e+00	0.0000e+00	-7.4717e-03	-6.3366e-05	1.3443e-05	0.0000e+00
67	0.0000e+00	0.0000e+00	7.8656e-03	-5.5556e-05	1.4217e-05	0.0000e+00
68	0.0000e+00	0.0000e+00	-1.0163e-03	-1.2560e-05	6.6255e-06	0.0000e+00
69	0.0000e+00	0.0000e+00	1.4258e-03	-1.4069e-05	3.1445e-06	0.0000e+00
70	0.0000e+00	0.0000e+00	-1.3327e-03	-1.4688e-05	-2.9385e-06	0.0000e+00
71	0.0000e+00	0.0000e+00	7.5971e-04	-1.0291e-05	1.3624e-06	0.0000e+00
72	0.0000e+00	0.0000e+00	4.4682e-05	-1.3609e-05	2.7963e-07	0.0000e+00
73	0.0000e+00	0.0000e+00	-7.2087e-04	-1.0289e-05	-1.0152e-06	0.0000e+00
74	0.0000e+00	0.0000e+00	1.3884e-03	-1.4623e-05	2.9570e-06	0.0000e+00
75	0.0000e+00	0.0000e+00	-1.3805e-03	-1.4179e-05	-2.9339e-06	0.0000e+00
76	0.0000e+00	0.0000e+00	9.3232e-04	-1.2706e-05	-7.1162e-06	0.0000e+00
77	0.0000e+00	0.0000e+00	-8.0234e-03	-5.5588e-05	-1.4978e-05	0.0000e+00
78	0.0000e+00	0.0000e+00	7.9148e-03	-5.8685e-05	-1.1449e-05	0.0000e+00
79	0.0000e+00	0.0000e+00	-1.9121e-03	-1.2127e-05	-1.1476e-05	0.0000e+00
80	0.0000e+00	0.0000e+00	2.0539e-03	-1.3982e-05	-8.7022e-06	0.0000e+00
81	0.0000e+00	0.0000e+00	-1.4446e-03	-1.4679e-05	5.8163e-06	0.0000e+00
82	0.0000e+00	0.0000e+00	9.2686e-04	-9.7715e-06	-2.6979e-06	0.0000e+00
83	0.0000e+00	0.0000e+00	1.1640e-06	-1.3392e-05	-8.3954e-09	0.0000e+00
84	0.0000e+00	0.0000e+00	-9.2537e-04	-9.7694e-06	2.6993e-06	0.0000e+00
85	0.0000e+00	0.0000e+00	1.4493e-03	-1.4671e-05	-5.8303e-06	0.0000e+00
86	0.0000e+00	0.0000e+00	-2.0541e-03	-1.3996e-05	8.7379e-06	0.0000e+00
87	0.0000e+00	0.0000e+00	1.9463e-03	-1.2162e-05	1.1540e-05	0.0000e+00
88	0.0000e+00	0.0000e+00	-7.9387e-03	-5.8806e-05	1.1363e-05	0.0000e+00
89	0.0000e+00	0.0000e+00	9.5655e-03	-5.2959e-05	1.9885e-05	0.0000e+00
90	0.0000e+00	0.0000e+00	8.3897e-03	-7.1852e-05	-8.0043e-06	0.0000e+00
91	0.0000e+00	0.0000e+00	1.0107e-02	-5.8162e-05	-1.3566e-05	0.0000e+00
92	0.0000e+00	0.0000e+00	1.0222e-02	-5.4651e-05	1.5439e-05	0.0000e+00
93	0.0000e+00	0.0000e+00	1.0565e-02	-5.8717e-05	-1.0514e-05	0.0000e+00
94	0.0000e+00	0.0000e+00	-1.0596e-02	-5.8830e-05	1.0401e-05	0.0000e+00
95	0.0000e+00	0.0000e+00	-9.6854e-03	-5.3003e-05	-2.0573e-05	0.0000e+00
96	0.0000e+00	0.0000e+00	-8.3970e-03	-7.1896e-05	7.9631e-06	0.0000e+00
97	0.0000e+00	0.0000e+00	-1.0138e-02	-5.8267e-05	1.3497e-05	0.0000e+00
98	0.0000e+00	0.0000e+00	-1.0372e-02	-5.4684e-05	-1.6159e-05	0.0000e+00
99	0.0000e+00	0.0000e+00	6.4580e-03	-5.1993e-05	1.8618e-05	0.0000e+00
100	0.0000e+00	0.0000e+00	4.6335e-03	-4.3000e-05	1.6117e-05	0.0000e+00
101	0.0000e+00	0.0000e+00	5.2857e-03	-4.6128e-05	1.6829e-05	0.0000e+00
102	0.0000e+00	0.0000e+00	3.2013e-03	-3.2878e-05	1.3940e-05	0.0000e+00
103	0.0000e+00	0.0000e+00	3.7930e-03	-3.5255e-05	1.4647e-05	0.0000e+00
104	0.0000e+00	0.0000e+00	2.1373e-03	-2.4154e-05	1.1958e-05	0.0000e+00
105	0.0000e+00	0.0000e+00	2.6687e-03	-2.6451e-05	1.2723e-05	0.0000e+00
106	0.0000e+00	0.0000e+00	1.3665e-03	-1.7449e-05	1.0069e-05	0.0000e+00
107	0.0000e+00	0.0000e+00	1.8279e-03	-1.9727e-05	1.0984e-05	0.0000e+00
108	0.0000e+00	0.0000e+00	8.0681e-04	-1.2843e-05	8.3354e-06	0.0000e+00
109	0.0000e+00	0.0000e+00	1.1916e-03	-1.4977e-05	9.4385e-06	0.0000e+00
110	0.0000e+00	0.0000e+00	3.9871e-04	-9.9846e-06	6.8342e-06	0.0000e+00
111	0.0000e+00	0.0000e+00	7.0139e-04	-1.1831e-05	8.1237e-06	0.0000e+00
112	0.0000e+00	0.0000e+00	-2.0854e-04	-8.2172e-06	5.6059e-06	0.0000e+00
113	0.0000e+00	0.0000e+00	3.4634e-04	-9.7834e-06	7.0946e-06	0.0000e+00
114	0.0000e+00	0.0000e+00	-3.9551e-04	-7.2918e-06	4.5647e-06	0.0000e+00

115	0.0000e+00	0.0000e+00	-2.9233e-04	-8.8897e-06	6.4649e-06	0.0000e+00
116	0.0000e+00	0.0000e+00	-6.8058e-04	-7.8959e-06	3.2458e-06	0.0000e+00
117	0.0000e+00	0.0000e+00	-5.6851e-04	-1.0508e-05	6.5159e-06	0.0000e+00
118	0.0000e+00	0.0000e+00	-9.9699e-04	-8.1971e-06	-2.5587e-06	0.0000e+00
119	0.0000e+00	0.0000e+00	5.7402e-03	-4.7405e-05	1.6667e-05	0.0000e+00
120	0.0000e+00	0.0000e+00	4.0340e-03	-4.0172e-05	1.4412e-05	0.0000e+00
121	0.0000e+00	0.0000e+00	2.6693e-03	-3.1065e-05	1.2208e-05	0.0000e+00
122	0.0000e+00	0.0000e+00	1.6631e-03	-2.2564e-05	1.0246e-05	0.0000e+00
123	0.0000e+00	0.0000e+00	9.6324e-04	-1.5809e-05	8.3924e-06	0.0000e+00
124	0.0000e+00	0.0000e+00	4.9911e-04	-1.1145e-05	6.6828e-06	0.0000e+00
125	0.0000e+00	0.0000e+00	-2.5442e-04	-8.3273e-06	5.1920e-06	0.0000e+00
126	0.0000e+00	0.0000e+00	-3.2273e-04	-6.6735e-06	3.9706e-06	0.0000e+00
127	0.0000e+00	0.0000e+00	-5.2358e-04	-5.7205e-06	2.9098e-06	0.0000e+00
128	0.0000e+00	0.0000e+00	-7.3922e-04	-5.3923e-06	1.7387e-06	0.0000e+00
129	0.0000e+00	0.0000e+00	-9.3822e-04	-4.6035e-06	-2.0375e-06	0.0000e+00
130	0.0000e+00	0.0000e+00	5.1374e-03	-4.4592e-05	1.3797e-05	0.0000e+00
131	0.0000e+00	0.0000e+00	3.5160e-03	-3.7783e-05	1.2045e-05	0.0000e+00
132	0.0000e+00	0.0000e+00	2.2156e-03	-2.9221e-05	1.0118e-05	0.0000e+00
133	0.0000e+00	0.0000e+00	1.2665e-03	-2.0953e-05	8.2985e-06	0.0000e+00
134	0.0000e+00	0.0000e+00	6.4041e-04	-1.4193e-05	6.5524e-06	0.0000e+00
135	0.0000e+00	0.0000e+00	-3.1473e-04	-9.4567e-06	4.9196e-06	0.0000e+00
136	0.0000e+00	0.0000e+00	-3.1152e-04	-6.6178e-06	3.4892e-06	0.0000e+00
137	0.0000e+00	0.0000e+00	-4.4680e-04	-5.0076e-06	2.4114e-06	0.0000e+00
138	0.0000e+00	0.0000e+00	-5.9522e-04	-4.0175e-06	1.8819e-06	0.0000e+00
139	0.0000e+00	0.0000e+00	-7.3840e-04	-3.3805e-06	1.9872e-06	0.0000e+00
140	0.0000e+00	0.0000e+00	-8.5799e-04	-2.4621e-06	-2.5827e-06	0.0000e+00
141	0.0000e+00	0.0000e+00	4.6859e-03	-4.3457e-05	1.0501e-05	0.0000e+00
142	0.0000e+00	0.0000e+00	3.1034e-03	-3.6405e-05	9.3929e-06	0.0000e+00
143	0.0000e+00	0.0000e+00	1.8469e-03	-2.7800e-05	7.9939e-06	0.0000e+00
144	0.0000e+00	0.0000e+00	9.4877e-04	-1.9479e-05	6.4592e-06	0.0000e+00
145	0.0000e+00	0.0000e+00	4.0663e-04	-1.2625e-05	4.8579e-06	0.0000e+00
146	0.0000e+00	0.0000e+00	-2.8600e-04	-7.8081e-06	3.2837e-06	0.0000e+00
147	0.0000e+00	0.0000e+00	-4.0311e-04	-4.9753e-06	1.8956e-06	0.0000e+00
148	0.0000e+00	0.0000e+00	-5.1550e-04	-3.4746e-06	1.1895e-06	0.0000e+00
149	0.0000e+00	0.0000e+00	-6.1400e-04	-2.6534e-06	1.6957e-06	0.0000e+00
150	0.0000e+00	0.0000e+00	-7.0776e-04	-2.2142e-06	-2.4633e-06	0.0000e+00
151	0.0000e+00	0.0000e+00	-7.8629e-04	-1.5557e-06	-2.9903e-06	0.0000e+00
152	0.0000e+00	0.0000e+00	4.4012e-03	-4.4068e-05	7.3299e-06	0.0000e+00
153	0.0000e+00	0.0000e+00	2.8031e-03	-3.6235e-05	6.8161e-06	0.0000e+00
154	0.0000e+00	0.0000e+00	1.5600e-03	-2.6993e-05	6.0867e-06	0.0000e+00
155	0.0000e+00	0.0000e+00	7.0269e-04	-1.8199e-05	4.9283e-06	0.0000e+00
156	0.0000e+00	0.0000e+00	2.7208e-04	-1.1048e-05	3.4567e-06	0.0000e+00
157	0.0000e+00	0.0000e+00	-3.3419e-04	-6.1227e-06	1.8620e-06	0.0000e+00
158	0.0000e+00	0.0000e+00	-4.5141e-04	-3.3957e-06	4.8628e-07	0.0000e+00
159	0.0000e+00	0.0000e+00	-5.2300e-04	-2.1538e-06	-1.1618e-06	0.0000e+00
160	0.0000e+00	0.0000e+00	-5.8680e-04	-1.8091e-06	-2.1087e-06	0.0000e+00
161	0.0000e+00	0.0000e+00	-6.6460e-04	-2.0693e-06	-2.7433e-06	0.0000e+00
162	0.0000e+00	0.0000e+00	-7.4626e-04	-1.8363e-06	-3.2010e-06	0.0000e+00
163	0.0000e+00	0.0000e+00	4.2818e-03	-4.6616e-05	5.0880e-06	0.0000e+00
164	0.0000e+00	0.0000e+00	2.6057e-03	-3.7383e-05	4.6380e-06	0.0000e+00
165	0.0000e+00	0.0000e+00	1.3410e-03	-2.6826e-05	4.6179e-06	0.0000e+00
166	0.0000e+00	0.0000e+00	5.1631e-04	-1.7070e-05	3.8214e-06	0.0000e+00
167	0.0000e+00	0.0000e+00	-2.3991e-04	-9.3714e-06	2.3886e-06	0.0000e+00
168	0.0000e+00	0.0000e+00	-3.7252e-04	-4.2991e-06	6.6731e-07	0.0000e+00
169	0.0000e+00	0.0000e+00	-4.4161e-04	-1.8613e-06	-1.1024e-06	0.0000e+00
170	0.0000e+00	0.0000e+00	-4.6508e-04	-1.0036e-06	-2.4428e-06	0.0000e+00
171	0.0000e+00	0.0000e+00	-5.0940e-04	-1.7435e-06	-3.0515e-06	0.0000e+00
172	0.0000e+00	0.0000e+00	-6.1066e-04	-3.2377e-06	-2.9342e-06	0.0000e+00
173	0.0000e+00	0.0000e+00	-7.5124e-04	-3.4867e-06	3.2197e-06	0.0000e+00
174	0.0000e+00	0.0000e+00	4.3124e-03	-5.1425e-05	-4.7574e-06	0.0000e+00
175	0.0000e+00	0.0000e+00	2.4875e-03	-3.9868e-05	3.1211e-06	0.0000e+00
176	0.0000e+00	0.0000e+00	1.1689e-03	-2.7142e-05	3.7171e-06	0.0000e+00
177	0.0000e+00	0.0000e+00	3.7764e-04	-1.5948e-05	3.0895e-06	0.0000e+00
178	0.0000e+00	0.0000e+00	-2.6486e-04	-7.5136e-06	1.5759e-06	0.0000e+00
179	0.0000e+00	0.0000e+00	-3.7558e-04	-2.3602e-06	-4.2529e-07	0.0000e+00
180	0.0000e+00	0.0000e+00	-3.7179e-04	1.3423e-06	-2.4006e-06	0.0000e+00
181	0.0000e+00	0.0000e+00	-3.3473e-04	5.6750e-07	-4.0997e-06	0.0000e+00
182	0.0000e+00	0.0000e+00	-3.6489e-04	-2.3357e-06	-4.7471e-06	0.0000e+00
183	0.0000e+00	0.0000e+00	-5.2839e-04	-5.8036e-06	-3.5612e-06	0.0000e+00
184	0.0000e+00	0.0000e+00	-7.9852e-04	-6.9922e-06	2.9765e-06	0.0000e+00
185	0.0000e+00	0.0000e+00	4.4654e-03	-5.9062e-05	-5.7958e-06	0.0000e+00
186	0.0000e+00	0.0000e+00	2.4142e-03	-4.3451e-05	2.4247e-06	0.0000e+00

187	0.0000e+00	0.0000e+00	1.0248e-03	-2.7500e-05	3.1554e-06	0.0000e+00
188	0.0000e+00	0.0000e+00	2.8043e-04	-1.4667e-05	2.3330e-06	0.0000e+00
189	0.0000e+00	0.0000e+00	-2.9193e-04	-5.5649e-06	8.2470e-07	0.0000e+00
190	0.0000e+00	0.0000e+00	-3.4299e-04	1.4908e-06	-1.1224e-06	0.0000e+00
191	0.0000e+00	0.0000e+00	-2.5343e-04	3.2486e-06	-3.2051e-06	0.0000e+00
192	0.0000e+00	0.0000e+00	-1.4123e-04	2.3136e-06	-5.3984e-06	0.0000e+00
193	0.0000e+00	0.0000e+00	-1.4529e-04	-2.6702e-06	-6.9944e-06	0.0000e+00
194	0.0000e+00	0.0000e+00	-3.7745e-04	-9.8387e-06	-5.7378e-06	0.0000e+00
195	0.0000e+00	0.0000e+00	-8.6783e-04	-1.3720e-05	2.2638e-06	0.0000e+00
196	0.0000e+00	0.0000e+00	4.7012e-03	-7.0638e-05	-6.7896e-06	0.0000e+00
197	0.0000e+00	0.0000e+00	2.3521e-03	-4.6725e-05	2.4750e-06	0.0000e+00
198	0.0000e+00	0.0000e+00	9.1652e-04	-2.7071e-05	1.9218e-06	0.0000e+00
199	0.0000e+00	0.0000e+00	2.2075e-04	-1.3392e-05	1.0530e-06	0.0000e+00
200	0.0000e+00	0.0000e+00	-2.8916e-04	-4.0078e-06	-6.6045e-07	0.0000e+00
201	0.0000e+00	0.0000e+00	-2.8561e-04	2.7408e-06	-1.4791e-06	0.0000e+00
202	0.0000e+00	0.0000e+00	-1.2460e-04	5.4402e-06	-2.8441e-06	0.0000e+00
203	0.0000e+00	0.0000e+00	1.1959e-04	4.9039e-06	-4.7730e-06	0.0000e+00
204	0.0000e+00	0.0000e+00	2.2686e-04	1.1622e-06	-7.5061e-06	0.0000e+00
205	0.0000e+00	0.0000e+00	1.4452e-04	-1.3368e-05	-1.0578e-05	0.0000e+00
206	0.0000e+00	0.0000e+00	-9.1861e-04	-2.6357e-05	9.6440e-07	0.0000e+00
207	0.0000e+00	0.0000e+00	2.3867e-03	-4.7084e-05	-5.2303e-06	0.0000e+00
208	0.0000e+00	0.0000e+00	9.3634e-04	-2.7019e-05	-3.8480e-06	0.0000e+00
209	0.0000e+00	0.0000e+00	1.9907e-04	-1.3205e-05	-2.7807e-06	0.0000e+00
210	0.0000e+00	0.0000e+00	-2.3269e-04	-3.6495e-06	-2.0276e-06	0.0000e+00
211	0.0000e+00	0.0000e+00	-2.1958e-04	3.1852e-06	-1.5437e-06	0.0000e+00
212	0.0000e+00	0.0000e+00	-4.5927e-05	6.2940e-06	-1.3299e-06	0.0000e+00
213	0.0000e+00	0.0000e+00	2.3549e-04	6.2905e-06	-1.4860e-06	0.0000e+00
214	0.0000e+00	0.0000e+00	4.0889e-04	2.1684e-06	-2.2105e-06	0.0000e+00
215	0.0000e+00	0.0000e+00	2.8439e-04	-9.6288e-06	3.6331e-06	0.0000e+00
216	0.0000e+00	0.0000e+00	-1.2280e-03	-2.5583e-06	-5.2411e-06	0.0000e+00
217	0.0000e+00	0.0000e+00	-1.3535e-03	-4.2954e-06	-5.8431e-06	0.0000e+00
218	0.0000e+00	0.0000e+00	-1.1843e-03	4.2161e-06	-4.8382e-06	0.0000e+00
219	0.0000e+00	0.0000e+00	-1.3099e-03	4.0644e-06	-4.4381e-06	0.0000e+00
220	0.0000e+00	0.0000e+00	-9.1718e-04	8.9450e-06	-3.3437e-06	0.0000e+00
221	0.0000e+00	0.0000e+00	-9.9746e-04	9.5278e-06	-3.1557e-06	0.0000e+00
222	0.0000e+00	0.0000e+00	-5.6438e-04	1.1736e-05	-1.6790e-06	0.0000e+00
223	0.0000e+00	0.0000e+00	-5.8161e-04	1.2672e-05	-2.1032e-06	0.0000e+00
224	0.0000e+00	0.0000e+00	4.9769e-04	1.2653e-05	1.6400e-06	0.0000e+00
225	0.0000e+00	0.0000e+00	5.2363e-04	1.3682e-05	1.9436e-06	0.0000e+00
226	0.0000e+00	0.0000e+00	8.7216e-04	1.1707e-05	3.4243e-06	0.0000e+00
227	0.0000e+00	0.0000e+00	9.8334e-04	1.2598e-05	2.7709e-06	0.0000e+00
228	0.0000e+00	0.0000e+00	1.2817e-03	8.8125e-06	5.3203e-06	0.0000e+00
229	0.0000e+00	0.0000e+00	1.4644e-03	9.3095e-06	3.7482e-06	0.0000e+00
230	0.0000e+00	0.0000e+00	1.5446e-03	3.8230e-06	6.8662e-06	0.0000e+00
231	0.0000e+00	0.0000e+00	1.7761e-03	3.6010e-06	4.3975e-06	0.0000e+00
232	0.0000e+00	0.0000e+00	1.5492e-03	-3.3998e-06	7.3843e-06	0.0000e+00
233	0.0000e+00	0.0000e+00	1.7873e-03	-5.4391e-06	4.5268e-06	0.0000e+00
234	0.0000e+00	0.0000e+00	1.2302e-03	-1.0183e-05	4.3997e-06	0.0000e+00
235	0.0000e+00	0.0000e+00	-1.0613e-03	-1.4037e-06	-3.8685e-06	0.0000e+00
236	0.0000e+00	0.0000e+00	-1.0103e-03	3.3335e-06	-4.1273e-06	0.0000e+00
237	0.0000e+00	0.0000e+00	-7.9298e-04	7.1747e-06	-3.1290e-06	0.0000e+00
238	0.0000e+00	0.0000e+00	-5.0511e-04	9.6104e-06	-1.8483e-06	0.0000e+00
239	0.0000e+00	0.0000e+00	4.3636e-04	1.0416e-05	1.9037e-06	0.0000e+00
240	0.0000e+00	0.0000e+00	7.2821e-04	9.5201e-06	3.4622e-06	0.0000e+00
241	0.0000e+00	0.0000e+00	1.0547e-03	6.8951e-06	5.1822e-06	0.0000e+00
242	0.0000e+00	0.0000e+00	1.2558e-03	2.6558e-06	6.4378e-06	0.0000e+00
243	0.0000e+00	0.0000e+00	1.2546e-03	-2.6210e-06	6.4219e-06	0.0000e+00
244	0.0000e+00	0.0000e+00	1.0431e-03	-6.7084e-06	4.4395e-06	0.0000e+00
245	0.0000e+00	0.0000e+00	-9.1738e-04	-4.3274e-07	-3.2455e-06	0.0000e+00
246	0.0000e+00	0.0000e+00	-8.5657e-04	2.9825e-06	-3.2932e-06	0.0000e+00
247	0.0000e+00	0.0000e+00	-6.7083e-04	5.9769e-06	-2.7691e-06	0.0000e+00
248	0.0000e+00	0.0000e+00	-4.2330e-04	8.0249e-06	-2.1894e-06	0.0000e+00
249	0.0000e+00	0.0000e+00	3.4916e-04	8.7047e-06	2.2288e-06	0.0000e+00
250	0.0000e+00	0.0000e+00	5.8863e-04	7.8641e-06	3.0008e-06	0.0000e+00
251	0.0000e+00	0.0000e+00	8.5548e-04	5.5487e-06	3.9921e-06	0.0000e+00
252	0.0000e+00	0.0000e+00	1.0147e-03	2.0972e-06	4.7069e-06	0.0000e+00
253	0.0000e+00	0.0000e+00	1.0163e-03	-1.8189e-06	4.6732e-06	0.0000e+00
254	0.0000e+00	0.0000e+00	8.6738e-04	-4.7187e-06	3.7236e-06	0.0000e+00
255	0.0000e+00	0.0000e+00	-8.1924e-04	3.3222e-07	-3.1764e-06	0.0000e+00
256	0.0000e+00	0.0000e+00	-7.5634e-04	2.7542e-06	-3.0334e-06	0.0000e+00
257	0.0000e+00	0.0000e+00	-5.8407e-04	5.3518e-06	-2.7520e-06	0.0000e+00
258	0.0000e+00	0.0000e+00	-3.4265e-04	7.2081e-06	-2.4967e-06	0.0000e+00

259	0.0000e+00	0.0000e+00	2.4886e-04	7.8244e-06	2.3649e-06	0.0000e+00
260	0.0000e+00	0.0000e+00	4.8162e-04	7.0086e-06	2.3927e-06	0.0000e+00
261	0.0000e+00	0.0000e+00	7.2605e-04	4.8502e-06	2.5589e-06	0.0000e+00
262	0.0000e+00	0.0000e+00	8.6611e-04	1.7859e-06	2.7723e-06	0.0000e+00
263	0.0000e+00	0.0000e+00	8.6734e-04	-1.5395e-06	2.8781e-06	0.0000e+00
264	0.0000e+00	0.0000e+00	7.4237e-04	-3.9305e-06	2.7471e-06	0.0000e+00
265	0.0000e+00	0.0000e+00	-7.9370e-04	-3.5901e-07	3.5553e-06	0.0000e+00
266	0.0000e+00	0.0000e+00	-7.4266e-04	2.5582e-06	3.5910e-06	0.0000e+00
267	0.0000e+00	0.0000e+00	-5.6928e-04	5.3431e-06	3.2569e-06	0.0000e+00
268	0.0000e+00	0.0000e+00	-2.9940e-04	7.3295e-06	2.7273e-06	0.0000e+00
269	0.0000e+00	0.0000e+00	1.5040e-04	7.9919e-06	-2.2702e-06	0.0000e+00
270	0.0000e+00	0.0000e+00	4.3405e-04	7.1379e-06	-2.1132e-06	0.0000e+00
271	0.0000e+00	0.0000e+00	6.9514e-04	4.8611e-06	-2.2335e-06	0.0000e+00
272	0.0000e+00	0.0000e+00	8.3648e-04	1.6387e-06	-2.3494e-06	0.0000e+00
273	0.0000e+00	0.0000e+00	8.2909e-04	-1.8219e-06	-2.2782e-06	0.0000e+00
274	0.0000e+00	0.0000e+00	6.9190e-04	-4.1748e-06	-2.1825e-06	0.0000e+00
275	0.0000e+00	0.0000e+00	-8.6473e-04	-1.3487e-06	4.4272e-06	0.0000e+00
276	0.0000e+00	0.0000e+00	-8.4307e-04	2.4105e-06	4.9042e-06	0.0000e+00
277	0.0000e+00	0.0000e+00	-6.5422e-04	6.0321e-06	4.2170e-06	0.0000e+00
278	0.0000e+00	0.0000e+00	-3.3008e-04	8.4728e-06	2.9221e-06	0.0000e+00
279	0.0000e+00	0.0000e+00	7.9422e-05	9.2852e-06	-1.9636e-06	0.0000e+00
280	0.0000e+00	0.0000e+00	4.6596e-04	8.3375e-06	-2.5226e-06	0.0000e+00
281	0.0000e+00	0.0000e+00	7.7957e-04	5.6572e-06	-3.7709e-06	0.0000e+00
282	0.0000e+00	0.0000e+00	9.4279e-04	1.6639e-06	-4.4894e-06	0.0000e+00
283	0.0000e+00	0.0000e+00	9.1594e-04	-2.7863e-06	-3.9857e-06	0.0000e+00
284	0.0000e+00	0.0000e+00	7.2474e-04	-5.6096e-06	-2.5556e-06	0.0000e+00
285	0.0000e+00	0.0000e+00	-1.0431e-03	-3.4130e-06	5.9598e-06	0.0000e+00
286	0.0000e+00	0.0000e+00	-1.0633e-03	2.5347e-06	6.7635e-06	0.0000e+00
287	0.0000e+00	0.0000e+00	-8.3404e-04	7.5816e-06	5.3320e-06	0.0000e+00
288	0.0000e+00	0.0000e+00	-4.2665e-04	1.0628e-05	3.0495e-06	0.0000e+00
289	0.0000e+00	0.0000e+00	8.6081e-05	1.1622e-05	-1.4815e-06	0.0000e+00
290	0.0000e+00	0.0000e+00	5.7109e-04	1.0605e-05	-3.2462e-06	0.0000e+00
291	0.0000e+00	0.0000e+00	9.7535e-04	7.4067e-06	-5.7327e-06	0.0000e+00
292	0.0000e+00	0.0000e+00	1.1898e-03	2.0494e-06	-7.4112e-06	0.0000e+00
293	0.0000e+00	0.0000e+00	1.1344e-03	-4.6113e-06	-6.7590e-06	0.0000e+00
294	0.0000e+00	0.0000e+00	8.2979e-04	-8.7990e-06	-3.3286e-06	0.0000e+00
295	0.0000e+00	0.0000e+00	-1.3351e-03	-6.4447e-06	8.4276e-06	0.0000e+00
296	0.0000e+00	0.0000e+00	-1.3864e-03	3.5214e-06	8.4616e-06	0.0000e+00
297	0.0000e+00	0.0000e+00	-1.0733e-03	1.0132e-05	5.7876e-06	0.0000e+00
298	0.0000e+00	0.0000e+00	-5.4883e-04	1.3509e-05	2.8117e-06	0.0000e+00
299	0.0000e+00	0.0000e+00	1.2743e-04	1.4592e-05	-8.9502e-07	0.0000e+00
300	0.0000e+00	0.0000e+00	7.1800e-04	1.3663e-05	-3.5308e-06	0.0000e+00
301	0.0000e+00	0.0000e+00	1.2513e-03	1.0278e-05	-6.8353e-06	0.0000e+00
302	0.0000e+00	0.0000e+00	1.5655e-03	3.3727e-06	-9.9717e-06	0.0000e+00
303	0.0000e+00	0.0000e+00	1.4936e-03	-7.3446e-06	-1.0304e-05	0.0000e+00
304	0.0000e+00	0.0000e+00	9.8026e-04	-1.5223e-05	-3.8100e-06	0.0000e+00
305	0.0000e+00	0.0000e+00	-1.7555e-03	-7.8089e-06	1.1817e-05	0.0000e+00
306	0.0000e+00	0.0000e+00	-1.7451e-03	6.6277e-06	7.4418e-06	0.0000e+00
307	0.0000e+00	0.0000e+00	-1.2987e-03	1.3209e-05	4.2231e-06	0.0000e+00
308	0.0000e+00	0.0000e+00	-6.5087e-04	1.6274e-05	1.7655e-06	0.0000e+00
309	0.0000e+00	0.0000e+00	1.5402e-04	1.7305e-05	-4.3587e-07	0.0000e+00
310	0.0000e+00	0.0000e+00	8.5814e-04	1.6652e-05	-2.7117e-06	0.0000e+00
311	0.0000e+00	0.0000e+00	1.5298e-03	1.3804e-05	-5.5171e-06	0.0000e+00
312	0.0000e+00	0.0000e+00	2.0005e-03	7.0613e-06	-9.3565e-06	0.0000e+00
313	0.0000e+00	0.0000e+00	2.0132e-03	-8.3427e-06	-1.4529e-05	0.0000e+00
314	0.0000e+00	0.0000e+00	1.1354e-03	-2.7772e-05	-3.7280e-06	0.0000e+00
315	0.0000e+00	0.0000e+00	-2.0201e-03	-5.1839e-06	3.3727e-06	0.0000e+00
316	0.0000e+00	0.0000e+00	-1.9161e-03	8.7641e-06	1.8892e-06	0.0000e+00
317	0.0000e+00	0.0000e+00	-1.3948e-03	1.4762e-05	1.1143e-06	0.0000e+00
318	0.0000e+00	0.0000e+00	-6.8619e-04	1.7597e-05	7.1795e-07	0.0000e+00
319	0.0000e+00	0.0000e+00	1.5988e-04	1.8628e-05	-6.7051e-07	0.0000e+00
320	0.0000e+00	0.0000e+00	9.3471e-04	1.8163e-05	-9.5098e-07	0.0000e+00
321	0.0000e+00	0.0000e+00	1.6798e-03	1.5778e-05	-1.3714e-06	0.0000e+00
322	0.0000e+00	0.0000e+00	2.2501e-03	9.9450e-06	-1.9422e-06	0.0000e+00
323	0.0000e+00	0.0000e+00	2.3975e-03	-4.4795e-06	-2.9056e-06	0.0000e+00
324	0.0000e+00	0.0000e+00	-1.0240e-03	-1.0779e-05	-4.4262e-06	0.0000e+00
325	0.0000e+00	0.0000e+00	-1.3798e-03	-4.5820e-06	-7.5857e-06	0.0000e+00
326	0.0000e+00	0.0000e+00	-1.6601e-03	-6.2864e-06	-5.3609e-06	0.0000e+00
327	0.0000e+00	0.0000e+00	-1.4217e-03	2.5918e-06	-7.1572e-06	0.0000e+00
328	0.0000e+00	0.0000e+00	-1.6885e-03	2.3748e-06	-5.1378e-06	0.0000e+00
329	0.0000e+00	0.0000e+00	-1.1990e-03	7.5167e-06	-5.6371e-06	0.0000e+00
330	0.0000e+00	0.0000e+00	-1.4142e-03	8.0548e-06	-4.3314e-06	0.0000e+00

331	0.0000e+00	0.0000e+00	-8.0339e-04	1.0420e-05	-3.7245e-06	0.0000e+00
332	0.0000e+00	0.0000e+00	-9.4915e-04	1.1338e-05	-3.1433e-06	0.0000e+00
333	0.0000e+00	0.0000e+00	-3.2309e-04	1.1424e-05	-1.7001e-06	0.0000e+00
334	0.0000e+00	0.0000e+00	-3.9166e-04	1.2494e-05	-1.8310e-06	0.0000e+00
335	0.0000e+00	0.0000e+00	1.7069e-04	1.0633e-05	8.3284e-07	0.0000e+00
336	0.0000e+00	0.0000e+00	1.8541e-04	1.1653e-05	9.7395e-07	0.0000e+00
337	0.0000e+00	0.0000e+00	5.7962e-04	8.0665e-06	2.6365e-06	0.0000e+00
338	0.0000e+00	0.0000e+00	6.6535e-04	8.8093e-06	1.5220e-06	0.0000e+00
339	0.0000e+00	0.0000e+00	8.3855e-04	3.6880e-06	4.2832e-06	0.0000e+00
340	0.0000e+00	0.0000e+00	9.8186e-04	3.8043e-06	2.2627e-06	0.0000e+00
341	0.0000e+00	0.0000e+00	8.6620e-04	-2.3962e-06	4.9674e-06	0.0000e+00
342	0.0000e+00	0.0000e+00	1.0325e-03	-3.7438e-06	2.4453e-06	0.0000e+00
343	0.0000e+00	0.0000e+00	6.2674e-04	-7.3967e-06	2.2989e-06	0.0000e+00
344	0.0000e+00	0.0000e+00	-8.5410e-04	-7.2208e-06	-3.6208e-06	0.0000e+00
345	0.0000e+00	0.0000e+00	-1.0938e-03	-3.5358e-06	-5.8012e-06	0.0000e+00
346	0.0000e+00	0.0000e+00	-1.1333e-03	1.6253e-06	-6.0618e-06	0.0000e+00
347	0.0000e+00	0.0000e+00	-9.6707e-04	5.7395e-06	-4.9646e-06	0.0000e+00
348	0.0000e+00	0.0000e+00	-6.5143e-04	8.3386e-06	-3.2757e-06	0.0000e+00
349	0.0000e+00	0.0000e+00	-2.6029e-04	9.2434e-06	-1.3777e-06	0.0000e+00
350	0.0000e+00	0.0000e+00	1.4461e-04	8.4843e-06	6.9605e-07	0.0000e+00
351	0.0000e+00	0.0000e+00	4.6813e-04	6.1483e-06	2.4623e-06	0.0000e+00
352	0.0000e+00	0.0000e+00	6.6161e-04	2.4604e-06	3.7809e-06	0.0000e+00
353	0.0000e+00	0.0000e+00	6.7691e-04	-1.7739e-06	3.8817e-06	0.0000e+00
354	0.0000e+00	0.0000e+00	5.2975e-04	-4.4861e-06	2.1939e-06	0.0000e+00
355	0.0000e+00	0.0000e+00	-7.2439e-04	-5.1214e-06	-2.4156e-06	0.0000e+00
356	0.0000e+00	0.0000e+00	-8.9398e-04	-2.4676e-06	-3.5103e-06	0.0000e+00
357	0.0000e+00	0.0000e+00	-9.2045e-04	1.2763e-06	-3.7663e-06	0.0000e+00
358	0.0000e+00	0.0000e+00	-7.8876e-04	4.5965e-06	-3.2113e-06	0.0000e+00
359	0.0000e+00	0.0000e+00	-5.3214e-04	6.8343e-06	-2.1983e-06	0.0000e+00
360	0.0000e+00	0.0000e+00	-2.1000e-04	7.6128e-06	-9.9669e-07	0.0000e+00
361	0.0000e+00	0.0000e+00	1.2318e-04	6.8841e-06	3.9386e-07	0.0000e+00
362	0.0000e+00	0.0000e+00	3.8173e-04	4.8110e-06	1.5045e-06	0.0000e+00
363	0.0000e+00	0.0000e+00	5.2984e-04	1.8324e-06	2.3161e-06	0.0000e+00
364	0.0000e+00	0.0000e+00	5.4225e-04	-1.1735e-06	2.4118e-06	0.0000e+00
365	0.0000e+00	0.0000e+00	4.4486e-04	-2.9362e-06	1.6961e-06	0.0000e+00
366	0.0000e+00	0.0000e+00	-6.5801e-04	-4.2149e-06	-1.3597e-06	0.0000e+00
367	0.0000e+00	0.0000e+00	-7.9765e-04	-1.9489e-06	-1.3812e-06	0.0000e+00
368	0.0000e+00	0.0000e+00	-8.1608e-04	1.1637e-06	-1.3080e-06	0.0000e+00
369	0.0000e+00	0.0000e+00	-6.9753e-04	4.1157e-06	-1.1377e-06	0.0000e+00
370	0.0000e+00	0.0000e+00	-4.6666e-04	6.1490e-06	-9.1788e-07	0.0000e+00
371	0.0000e+00	0.0000e+00	-1.7574e-04	6.8314e-06	-6.7504e-07	0.0000e+00
372	0.0000e+00	0.0000e+00	1.1791e-04	6.0787e-06	-4.4404e-07	0.0000e+00
373	0.0000e+00	0.0000e+00	3.4496e-04	4.0983e-06	-4.1407e-07	0.0000e+00
374	0.0000e+00	0.0000e+00	4.6780e-04	1.4176e-06	6.6817e-07	0.0000e+00
375	0.0000e+00	0.0000e+00	4.7223e-04	-1.1058e-06	9.2131e-07	0.0000e+00
376	0.0000e+00	0.0000e+00	3.8684e-04	-2.5102e-06	1.0267e-06	0.0000e+00
377	0.0000e+00	0.0000e+00	-6.6728e-04	-4.3494e-06	1.7633e-06	0.0000e+00
378	0.0000e+00	0.0000e+00	-8.1357e-04	-2.0344e-06	2.0914e-06	0.0000e+00
379	0.0000e+00	0.0000e+00	-8.3319e-04	1.2231e-06	2.1091e-06	0.0000e+00
380	0.0000e+00	0.0000e+00	-7.0800e-04	4.3421e-06	1.6661e-06	0.0000e+00
381	0.0000e+00	0.0000e+00	-4.6500e-04	6.4499e-06	9.5517e-07	0.0000e+00
382	0.0000e+00	0.0000e+00	-1.6020e-04	7.1051e-06	-5.2996e-07	0.0000e+00
383	0.0000e+00	0.0000e+00	1.3966e-04	6.2318e-06	-1.0163e-06	0.0000e+00
384	0.0000e+00	0.0000e+00	3.7070e-04	4.0471e-06	-1.4832e-06	0.0000e+00
385	0.0000e+00	0.0000e+00	4.8602e-04	1.1139e-06	-1.5219e-06	0.0000e+00
386	0.0000e+00	0.0000e+00	4.7215e-04	-1.6160e-06	-1.0060e-06	0.0000e+00
387	0.0000e+00	0.0000e+00	3.6272e-04	-3.0499e-06	-5.0910e-07	0.0000e+00
388	0.0000e+00	0.0000e+00	-7.5227e-04	-5.6942e-06	2.9838e-06	0.0000e+00
389	0.0000e+00	0.0000e+00	-9.4751e-04	-2.8320e-06	4.6137e-06	0.0000e+00
390	0.0000e+00	0.0000e+00	-9.7909e-04	1.4656e-06	4.9797e-06	0.0000e+00
391	0.0000e+00	0.0000e+00	-8.2528e-04	5.3450e-06	3.9875e-06	0.0000e+00
392	0.0000e+00	0.0000e+00	-5.2909e-04	7.8103e-06	2.2579e-06	0.0000e+00
393	0.0000e+00	0.0000e+00	-1.6371e-04	8.5001e-06	5.5386e-07	0.0000e+00
394	0.0000e+00	0.0000e+00	1.9544e-04	7.4142e-06	-1.7314e-06	0.0000e+00
395	0.0000e+00	0.0000e+00	4.6798e-04	4.7190e-06	-3.1626e-06	0.0000e+00
396	0.0000e+00	0.0000e+00	5.9503e-04	9.1647e-07	-3.7194e-06	0.0000e+00
397	0.0000e+00	0.0000e+00	5.4998e-04	-2.8249e-06	-2.8544e-06	0.0000e+00
398	0.0000e+00	0.0000e+00	3.7378e-04	-4.7359e-06	-7.9845e-07	0.0000e+00
399	0.0000e+00	0.0000e+00	-8.9894e-04	-8.8197e-06	3.9959e-06	0.0000e+00
400	0.0000e+00	0.0000e+00	-1.2041e-03	-4.4881e-06	7.4894e-06	0.0000e+00
401	0.0000e+00	0.0000e+00	-1.2565e-03	2.0676e-06	7.9655e-06	0.0000e+00
402	0.0000e+00	0.0000e+00	-1.0437e-03	7.2764e-06	6.0836e-06	0.0000e+00



403	0.0000e+00	0.0000e+00	-6.5070e-04	1.0212e-05	3.3333e-06	0.0000e+00
404	0.0000e+00	0.0000e+00	-1.8131e-04	1.0926e-05	5.8618e-07	0.0000e+00
405	0.0000e+00	0.0000e+00	2.8455e-04	9.6136e-06	-2.3914e-06	0.0000e+00
406	0.0000e+00	0.0000e+00	6.4033e-04	6.2703e-06	-4.8265e-06	0.0000e+00
407	0.0000e+00	0.0000e+00	8.0697e-04	1.0130e-06	-6.2335e-06	0.0000e+00
408	0.0000e+00	0.0000e+00	7.1968e-04	-4.9061e-06	-5.2370e-06	0.0000e+00
409	0.0000e+00	0.0000e+00	4.1575e-04	-8.1456e-06	-1.3106e-06	0.0000e+00
410	0.0000e+00	0.0000e+00	-1.0798e-03	-1.5212e-05	4.3502e-06	0.0000e+00
411	0.0000e+00	0.0000e+00	-1.5910e-03	-7.0229e-06	1.0786e-05	0.0000e+00
412	0.0000e+00	0.0000e+00	-1.6522e-03	3.5800e-06	1.0275e-05	0.0000e+00
413	0.0000e+00	0.0000e+00	-1.3336e-03	1.0264e-05	7.0486e-06	0.0000e+00
414	0.0000e+00	0.0000e+00	-8.0592e-04	1.3353e-05	3.6544e-06	0.0000e+00
415	0.0000e+00	0.0000e+00	-2.0453e-04	1.3964e-05	5.3959e-07	0.0000e+00
416	0.0000e+00	0.0000e+00	3.9484e-04	1.2556e-05	-2.5913e-06	0.0000e+00
417	0.0000e+00	0.0000e+00	8.7219e-04	8.8666e-06	-5.7088e-06	0.0000e+00
418	0.0000e+00	0.0000e+00	1.1242e-03	1.9962e-06	-8.4731e-06	0.0000e+00
419	0.0000e+00	0.0000e+00	1.0051e-03	-7.8857e-06	-8.4279e-06	0.0000e+00
420	0.0000e+00	0.0000e+00	4.7933e-04	-1.4753e-05	-1.6311e-06	0.0000e+00
421	0.0000e+00	0.0000e+00	-1.2467e-03	-2.7765e-05	3.6023e-06	0.0000e+00
422	0.0000e+00	0.0000e+00	-2.1186e-03	-7.7832e-06	1.4259e-05	0.0000e+00
423	0.0000e+00	0.0000e+00	-2.0909e-03	7.3066e-06	9.1570e-06	0.0000e+00
424	0.0000e+00	0.0000e+00	-1.6156e-03	1.3773e-05	5.4559e-06	0.0000e+00
425	0.0000e+00	0.0000e+00	-9.4927e-04	1.6345e-05	2.7224e-06	0.0000e+00
426	0.0000e+00	0.0000e+00	-2.2574e-04	1.6720e-05	4.3506e-07	0.0000e+00
427	0.0000e+00	0.0000e+00	4.9430e-04	1.5413e-05	-1.8149e-06	0.0000e+00
428	0.0000e+00	0.0000e+00	1.1014e-03	1.2086e-05	-4.4208e-06	0.0000e+00
429	0.0000e+00	0.0000e+00	1.4939e-03	5.2679e-06	-7.8676e-06	0.0000e+00
430	0.0000e+00	0.0000e+00	1.4410e-03	-9.1925e-06	-1.2468e-05	0.0000e+00
431	0.0000e+00	0.0000e+00	5.5030e-04	-2.6959e-05	-1.6376e-06	0.0000e+00
432	0.0000e+00	0.0000e+00	-2.4686e-03	-4.4874e-06	1.8074e-06	0.0000e+00
433	0.0000e+00	0.0000e+00	-2.3229e-03	9.8642e-06	1.2686e-06	0.0000e+00
434	0.0000e+00	0.0000e+00	-1.7584e-03	1.5563e-05	1.0022e-06	0.0000e+00
435	0.0000e+00	0.0000e+00	-1.0244e-03	1.7780e-05	7.1535e-07	0.0000e+00
436	0.0000e+00	0.0000e+00	-2.4084e-04	1.8058e-05	3.6827e-07	0.0000e+00
437	0.0000e+00	0.0000e+00	5.3644e-04	1.6849e-05	1.5299e-07	0.0000e+00
438	0.0000e+00	0.0000e+00	1.2117e-03	1.3881e-05	-4.2902e-07	0.0000e+00
439	0.0000e+00	0.0000e+00	1.6939e-03	7.8456e-06	-7.3053e-07	0.0000e+00
440	0.0000e+00	0.0000e+00	1.7603e-03	-5.9542e-06	-1.0664e-06	0.0000e+00
441	0.0000e+00	0.0000e+00	-6.0931e-04	-7.3963e-06	-2.0948e-06	0.0000e+00
442	0.0000e+00	0.0000e+00	-8.4866e-04	-2.4051e-06	-4.7842e-06	0.0000e+00
443	0.0000e+00	0.0000e+00	-1.0064e-03	-3.7516e-06	-2.1711e-06	0.0000e+00
444	0.0000e+00	0.0000e+00	-8.2147e-04	3.6800e-06	-4.1037e-06	0.0000e+00
445	0.0000e+00	0.0000e+00	-9.5660e-04	3.7956e-06	-2.0093e-06	0.0000e+00
446	0.0000e+00	0.0000e+00	-5.6350e-04	8.0673e-06	-2.4539e-06	0.0000e+00
447	0.0000e+00	0.0000e+00	-6.4113e-04	8.8113e-06	-1.2662e-06	0.0000e+00
448	0.0000e+00	0.0000e+00	-1.6169e-04	1.0647e-05	-6.4849e-07	0.0000e+00
449	0.0000e+00	0.0000e+00	-1.6813e-04	1.1671e-05	8.3317e-07	0.0000e+00
450	0.0000e+00	0.0000e+00	3.4786e-04	1.1456e-05	1.8201e-06	0.0000e+00
451	0.0000e+00	0.0000e+00	4.2273e-04	1.2532e-05	1.8948e-06	0.0000e+00
452	0.0000e+00	0.0000e+00	8.2775e-04	1.0470e-05	3.8773e-06	0.0000e+00
453	0.0000e+00	0.0000e+00	9.8089e-04	1.1397e-05	3.2549e-06	0.0000e+00
454	0.0000e+00	0.0000e+00	1.2257e-03	7.5858e-06	5.8064e-06	0.0000e+00
455	0.0000e+00	0.0000e+00	1.4488e-03	8.1323e-06	4.4567e-06	0.0000e+00
456	0.0000e+00	0.0000e+00	1.4520e-03	2.6912e-06	7.3415e-06	0.0000e+00
457	0.0000e+00	0.0000e+00	1.7270e-03	2.4783e-06	5.2599e-06	0.0000e+00
458	0.0000e+00	0.0000e+00	1.4148e-03	-4.5311e-06	7.7861e-06	0.0000e+00
459	0.0000e+00	0.0000e+00	1.7035e-03	-6.2154e-06	5.4523e-06	0.0000e+00
460	0.0000e+00	0.0000e+00	1.0655e-03	-1.0725e-05	4.6325e-06	0.0000e+00
461	0.0000e+00	0.0000e+00	-5.1887e-04	-4.4864e-06	-2.0642e-06	0.0000e+00
462	0.0000e+00	0.0000e+00	-6.6596e-04	-1.7788e-06	-3.7494e-06	0.0000e+00
463	0.0000e+00	0.0000e+00	-6.5096e-04	2.4556e-06	-3.6503e-06	0.0000e+00
464	0.0000e+00	0.0000e+00	-4.5822e-04	6.1497e-06	-2.3355e-06	0.0000e+00
465	0.0000e+00	0.0000e+00	-1.4035e-04	8.4962e-06	-6.0505e-07	0.0000e+00
466	0.0000e+00	0.0000e+00	2.7770e-04	9.2685e-06	1.5279e-06	0.0000e+00
467	0.0000e+00	0.0000e+00	6.6829e-04	8.3782e-06	3.4328e-06	0.0000e+00
468	0.0000e+00	0.0000e+00	9.8573e-04	5.7942e-06	5.1350e-06	0.0000e+00
469	0.0000e+00	0.0000e+00	1.1548e-03	1.7097e-06	6.2514e-06	0.0000e+00
470	0.0000e+00	0.0000e+00	1.1191e-03	-3.4967e-06	6.0186e-06	0.0000e+00
471	0.0000e+00	0.0000e+00	8.8425e-04	-7.1766e-06	3.8810e-06	0.0000e+00
472	0.0000e+00	0.0000e+00	-4.3860e-04	-2.9372e-06	-1.6251e-06	0.0000e+00
473	0.0000e+00	0.0000e+00	-5.3602e-04	-1.1767e-06	-2.3324e-06	0.0000e+00
474	0.0000e+00	0.0000e+00	-5.2382e-04	1.8291e-06	-2.2380e-06	0.0000e+00

475	0.0000e+00	0.0000e+00	-3.7614e-04	4.8122e-06	-1.4396e-06	0.0000e+00
476	0.0000e+00	0.0000e+00	-1.2064e-04	6.8929e-06	-4.5589e-07	0.0000e+00
477	0.0000e+00	0.0000e+00	2.2024e-04	7.6312e-06	1.1567e-06	0.0000e+00
478	0.0000e+00	0.0000e+00	5.4221e-04	6.8633e-06	2.3483e-06	0.0000e+00
479	0.0000e+00	0.0000e+00	8.0018e-04	4.6363e-06	3.3718e-06	0.0000e+00
480	0.0000e+00	0.0000e+00	9.3391e-04	1.3362e-06	3.9478e-06	0.0000e+00
481	0.0000e+00	0.0000e+00	9.1002e-04	-2.4376e-06	3.7252e-06	0.0000e+00
482	0.0000e+00	0.0000e+00	7.4363e-04	-5.0866e-06	2.6846e-06	0.0000e+00
483	0.0000e+00	0.0000e+00	-3.8382e-04	-2.5118e-06	-1.0138e-06	0.0000e+00
484	0.0000e+00	0.0000e+00	-4.6931e-04	-1.1086e-06	-9.2138e-07	0.0000e+00
485	0.0000e+00	0.0000e+00	-4.6502e-04	1.4150e-06	-6.9872e-07	0.0000e+00
486	0.0000e+00	0.0000e+00	-3.4235e-04	4.0988e-06	5.1541e-07	0.0000e+00
487	0.0000e+00	0.0000e+00	-1.1605e-04	6.0845e-06	5.9111e-07	0.0000e+00
488	0.0000e+00	0.0000e+00	1.8015e-04	6.8438e-06	8.2123e-07	0.0000e+00
489	0.0000e+00	0.0000e+00	4.7133e-04	6.1687e-06	1.0701e-06	0.0000e+00
490	0.0000e+00	0.0000e+00	7.0317e-04	4.1424e-06	1.3062e-06	0.0000e+00
491	0.0000e+00	0.0000e+00	8.2305e-04	1.2002e-06	1.5003e-06	0.0000e+00
492	0.0000e+00	0.0000e+00	8.0621e-04	-1.9237e-06	1.6007e-06	0.0000e+00
493	0.0000e+00	0.0000e+00	6.6842e-04	-4.1875e-06	1.5990e-06	0.0000e+00
494	0.0000e+00	0.0000e+00	-3.6204e-04	-3.0519e-06	5.7121e-07	0.0000e+00
495	0.0000e+00	0.0000e+00	-4.7159e-04	-1.6188e-06	1.0851e-06	0.0000e+00
496	0.0000e+00	0.0000e+00	-4.8559e-04	1.1112e-06	1.5916e-06	0.0000e+00
497	0.0000e+00	0.0000e+00	-3.7035e-04	4.0466e-06	1.5536e-06	0.0000e+00
498	0.0000e+00	0.0000e+00	-1.3928e-04	6.2349e-06	1.0976e-06	0.0000e+00
499	0.0000e+00	0.0000e+00	1.6088e-04	7.1127e-06	6.2529e-07	0.0000e+00
500	0.0000e+00	0.0000e+00	4.6611e-04	6.4624e-06	-9.7670e-07	0.0000e+00
501	0.0000e+00	0.0000e+00	7.0976e-04	4.3588e-06	-1.6618e-06	0.0000e+00
502	0.0000e+00	0.0000e+00	8.3577e-04	1.2425e-06	-2.1038e-06	0.0000e+00
503	0.0000e+00	0.0000e+00	8.1707e-04	-2.0128e-06	-2.1050e-06	0.0000e+00
504	0.0000e+00	0.0000e+00	6.7174e-04	-4.3281e-06	-1.8246e-06	0.0000e+00
505	0.0000e+00	0.0000e+00	-3.7472e-04	-4.7381e-06	8.4382e-07	0.0000e+00
506	0.0000e+00	0.0000e+00	-5.5102e-04	-2.8279e-06	2.8865e-06	0.0000e+00
507	0.0000e+00	0.0000e+00	-5.9620e-04	9.1327e-07	3.7500e-06	0.0000e+00
508	0.0000e+00	0.0000e+00	-4.6926e-04	4.7175e-06	3.1945e-06	0.0000e+00
509	0.0000e+00	0.0000e+00	-1.9682e-04	7.4152e-06	1.7698e-06	0.0000e+00
510	0.0000e+00	0.0000e+00	1.6278e-04	8.5043e-06	5.8894e-07	0.0000e+00
511	0.0000e+00	0.0000e+00	5.2829e-04	7.8179e-06	-2.2414e-06	0.0000e+00
512	0.0000e+00	0.0000e+00	8.2487e-04	5.3553e-06	-3.9630e-06	0.0000e+00
513	0.0000e+00	0.0000e+00	9.7919e-04	1.4753e-06	-4.9521e-06	0.0000e+00
514	0.0000e+00	0.0000e+00	9.4818e-04	-2.8154e-06	-4.5885e-06	0.0000e+00
515	0.0000e+00	0.0000e+00	7.5349e-04	-5.6785e-06	-2.9783e-06	0.0000e+00
516	0.0000e+00	0.0000e+00	-4.1759e-04	-8.1479e-06	1.3250e-06	0.0000e+00
517	0.0000e+00	0.0000e+00	-7.2155e-04	-4.9094e-06	5.2475e-06	0.0000e+00
518	0.0000e+00	0.0000e+00	-8.0897e-04	1.0092e-06	6.2441e-06	0.0000e+00
519	0.0000e+00	0.0000e+00	-6.4248e-04	6.2678e-06	4.8380e-06	0.0000e+00
520	0.0000e+00	0.0000e+00	-2.8698e-04	9.6131e-06	2.4055e-06	0.0000e+00
521	0.0000e+00	0.0000e+00	1.8001e-04	1.0927e-05	-5.9263e-07	0.0000e+00
522	0.0000e+00	0.0000e+00	6.4905e-04	1.0216e-05	-3.3222e-06	0.0000e+00
523	0.0000e+00	0.0000e+00	1.0422e-03	7.2830e-06	-6.0689e-06	0.0000e+00
524	0.0000e+00	0.0000e+00	1.2554e-03	2.0736e-06	-7.9481e-06	0.0000e+00
525	0.0000e+00	0.0000e+00	1.2034e-03	-4.4764e-06	-7.4709e-06	0.0000e+00
526	0.0000e+00	0.0000e+00	8.9867e-04	-8.8088e-06	-3.9837e-06	0.0000e+00
527	0.0000e+00	0.0000e+00	-4.8142e-04	-1.4756e-05	1.6300e-06	0.0000e+00
528	0.0000e+00	0.0000e+00	-1.0071e-03	-7.8894e-06	8.4269e-06	0.0000e+00
529	0.0000e+00	0.0000e+00	-1.1264e-03	1.9920e-06	8.4727e-06	0.0000e+00
530	0.0000e+00	0.0000e+00	-8.7456e-04	8.8635e-06	5.7087e-06	0.0000e+00
531	0.0000e+00	0.0000e+00	-3.9755e-04	1.2554e-05	2.5919e-06	0.0000e+00
532	0.0000e+00	0.0000e+00	2.0325e-04	1.3965e-05	-5.4011e-07	0.0000e+00
533	0.0000e+00	0.0000e+00	8.0396e-04	1.3355e-05	-3.6521e-06	0.0000e+00
534	0.0000e+00	0.0000e+00	1.3317e-03	1.0269e-05	-7.0446e-06	0.0000e+00
535	0.0000e+00	0.0000e+00	1.6506e-03	3.5850e-06	-1.0269e-05	0.0000e+00
536	0.0000e+00	0.0000e+00	1.5898e-03	-7.0146e-06	-1.0778e-05	0.0000e+00
537	0.0000e+00	0.0000e+00	1.0789e-03	-1.5204e-05	-4.3436e-06	0.0000e+00
538	0.0000e+00	0.0000e+00	-5.5218e-04	-2.6961e-05	1.6317e-06	0.0000e+00
539	0.0000e+00	0.0000e+00	-1.4428e-03	-9.1968e-06	1.2462e-05	0.0000e+00
540	0.0000e+00	0.0000e+00	-1.4959e-03	5.2636e-06	7.8619e-06	0.0000e+00
541	0.0000e+00	0.0000e+00	-1.1036e-03	1.2083e-05	4.4149e-06	0.0000e+00
542	0.0000e+00	0.0000e+00	-4.9681e-04	1.5411e-05	1.8088e-06	0.0000e+00
543	0.0000e+00	0.0000e+00	2.2452e-04	1.6720e-05	-4.4064e-07	0.0000e+00
544	0.0000e+00	0.0000e+00	9.4734e-04	1.6347e-05	-2.7275e-06	0.0000e+00
545	0.0000e+00	0.0000e+00	1.6137e-03	1.3776e-05	-5.4600e-06	0.0000e+00
546	0.0000e+00	0.0000e+00	2.0891e-03	7.3112e-06	-9.1597e-06	0.0000e+00

547	0.0000e+00	0.0000e+00	2.1171e-03	-7.7763e-06	-1.4260e-05	0.0000e+00
548	0.0000e+00	0.0000e+00	1.2457e-03	-2.7760e-05	-3.6024e-06	0.0000e+00
549	0.0000e+00	0.0000e+00	-1.7618e-03	-5.9575e-06	1.0691e-06	0.0000e+00
550	0.0000e+00	0.0000e+00	-1.6955e-03	7.8423e-06	7.2955e-07	0.0000e+00
551	0.0000e+00	0.0000e+00	-1.2135e-03	1.3878e-05	4.2704e-07	0.0000e+00
552	0.0000e+00	0.0000e+00	-5.3853e-04	1.6847e-05	-1.6272e-07	0.0000e+00
553	0.0000e+00	0.0000e+00	2.3973e-04	1.8057e-05	-3.8255e-07	0.0000e+00
554	0.0000e+00	0.0000e+00	1.0227e-03	1.7780e-05	-7.2843e-07	0.0000e+00
555	0.0000e+00	0.0000e+00	1.7568e-03	1.5565e-05	-1.0147e-06	0.0000e+00
556	0.0000e+00	0.0000e+00	2.3214e-03	9.8678e-06	-1.2796e-06	0.0000e+00
557	0.0000e+00	0.0000e+00	2.4672e-03	-4.4827e-06	-1.8149e-06	0.0000e+00
558	0.0000e+00	0.0000e+00	-1.2095e-03	-1.0256e-05	-4.1857e-06	0.0000e+00
559	0.0000e+00	0.0000e+00	-1.5291e-03	-3.5174e-06	-7.2014e-06	0.0000e+00
560	0.0000e+00	0.0000e+00	-1.7583e-03	-5.5594e-06	-4.3090e-06	0.0000e+00
561	0.0000e+00	0.0000e+00	-1.5294e-03	3.5992e-06	-6.7336e-06	0.0000e+00
562	0.0000e+00	0.0000e+00	-1.7547e-03	3.2793e-06	-4.2493e-06	0.0000e+00
563	0.0000e+00	0.0000e+00	-1.2735e-03	8.5780e-06	-5.2411e-06	0.0000e+00
564	0.0000e+00	0.0000e+00	-1.4524e-03	9.0138e-06	-3.6642e-06	0.0000e+00
565	0.0000e+00	0.0000e+00	-8.7042e-04	1.1459e-05	-3.3921e-06	0.0000e+00
566	0.0000e+00	0.0000e+00	-9.7964e-04	1.2295e-05	-2.7477e-06	0.0000e+00
567	0.0000e+00	0.0000e+00	-4.9259e-04	1.2398e-05	-1.6211e-06	0.0000e+00
568	0.0000e+00	0.0000e+00	-5.1597e-04	1.3378e-05	-1.9808e-06	0.0000e+00
569	0.0000e+00	0.0000e+00	5.3618e-04	1.1479e-05	1.5753e-06	0.0000e+00
570	0.0000e+00	0.0000e+00	5.4466e-04	1.2376e-05	2.1672e-06	0.0000e+00
571	0.0000e+00	0.0000e+00	8.7457e-04	8.6950e-06	3.2049e-06	0.0000e+00
572	0.0000e+00	0.0000e+00	9.4549e-04	9.2569e-06	3.2291e-06	0.0000e+00
573	0.0000e+00	0.0000e+00	1.1292e-03	3.9707e-06	4.6792e-06	0.0000e+00
574	0.0000e+00	0.0000e+00	1.2447e-03	3.8596e-06	4.5609e-06	0.0000e+00
575	0.0000e+00	0.0000e+00	1.1601e-03	-2.6618e-06	5.0762e-06	0.0000e+00
576	0.0000e+00	0.0000e+00	1.2750e-03	-4.5192e-06	6.0715e-06	0.0000e+00
577	0.0000e+00	0.0000e+00	9.1551e-04	-8.2837e-06	2.5628e-06	0.0000e+00
578	0.0000e+00	0.0000e+00	-1.0287e-03	-6.7594e-06	-4.3386e-06	0.0000e+00
579	0.0000e+00	0.0000e+00	-1.2407e-03	-2.6973e-06	-6.3072e-06	0.0000e+00
580	0.0000e+00	0.0000e+00	-1.2454e-03	2.4862e-06	-6.3482e-06	0.0000e+00
581	0.0000e+00	0.0000e+00	-1.0494e-03	6.7184e-06	-5.1303e-06	0.0000e+00
582	0.0000e+00	0.0000e+00	-7.2780e-04	9.3307e-06	-3.4424e-06	0.0000e+00
583	0.0000e+00	0.0000e+00	-4.3362e-04	1.0219e-05	-1.8637e-06	0.0000e+00
584	0.0000e+00	0.0000e+00	4.8545e-04	9.4113e-06	1.6749e-06	0.0000e+00
585	0.0000e+00	0.0000e+00	7.6151e-04	6.9787e-06	2.8903e-06	0.0000e+00
586	0.0000e+00	0.0000e+00	9.6901e-04	3.1392e-06	3.8283e-06	0.0000e+00
587	0.0000e+00	0.0000e+00	1.0107e-03	-1.4589e-06	3.4780e-06	0.0000e+00
588	0.0000e+00	0.0000e+00	8.7980e-04	-4.6682e-06	1.4808e-06	0.0000e+00
589	0.0000e+00	0.0000e+00	-8.5644e-04	-4.7526e-06	-3.7183e-06	0.0000e+00
590	0.0000e+00	0.0000e+00	-1.0062e-03	-1.8629e-06	-4.6391e-06	0.0000e+00
591	0.0000e+00	0.0000e+00	-1.0072e-03	1.9745e-06	-4.6772e-06	0.0000e+00
592	0.0000e+00	0.0000e+00	-8.5173e-04	5.4225e-06	-3.9808e-06	0.0000e+00
593	0.0000e+00	0.0000e+00	-5.8871e-04	7.7286e-06	-3.0010e-06	0.0000e+00
594	0.0000e+00	0.0000e+00	-3.4823e-04	8.5639e-06	-2.1953e-06	0.0000e+00
595	0.0000e+00	0.0000e+00	4.1071e-04	7.8835e-06	2.0510e-06	0.0000e+00
596	0.0000e+00	0.0000e+00	6.4997e-04	5.8401e-06	2.5281e-06	0.0000e+00
597	0.0000e+00	0.0000e+00	8.2906e-04	2.8546e-06	2.9669e-06	0.0000e+00
598	0.0000e+00	0.0000e+00	8.8412e-04	-4.0439e-07	2.8342e-06	0.0000e+00
599	0.0000e+00	0.0000e+00	8.2057e-04	-2.5034e-06	2.1169e-06	0.0000e+00
600	0.0000e+00	0.0000e+00	-7.3339e-04	-3.9517e-06	-2.8353e-06	0.0000e+00
601	0.0000e+00	0.0000e+00	-8.5935e-04	-1.5653e-06	-2.9484e-06	0.0000e+00
602	0.0000e+00	0.0000e+00	-8.6015e-04	1.7037e-06	-2.8312e-06	0.0000e+00
603	0.0000e+00	0.0000e+00	-7.2287e-04	4.7665e-06	-2.6053e-06	0.0000e+00
604	0.0000e+00	0.0000e+00	-4.8148e-04	6.9192e-06	-2.4148e-06	0.0000e+00
605	0.0000e+00	0.0000e+00	-2.4913e-04	7.7325e-06	-2.3432e-06	0.0000e+00
606	0.0000e+00	0.0000e+00	3.3539e-04	7.1176e-06	2.4126e-06	0.0000e+00
607	0.0000e+00	0.0000e+00	5.7193e-04	5.2672e-06	2.5967e-06	0.0000e+00
608	0.0000e+00	0.0000e+00	7.4032e-04	2.6798e-06	2.8103e-06	0.0000e+00
609	0.0000e+00	0.0000e+00	8.0008e-04	2.6272e-07	2.8999e-06	0.0000e+00
610	0.0000e+00	0.0000e+00	7.6513e-04	-1.5735e-06	2.6834e-06	0.0000e+00
611	0.0000e+00	0.0000e+00	-6.8476e-04	-4.1864e-06	2.3364e-06	0.0000e+00
612	0.0000e+00	0.0000e+00	-8.2288e-04	-1.8386e-06	2.4351e-06	0.0000e+00
613	0.0000e+00	0.0000e+00	-8.3173e-04	1.5886e-06	2.4777e-06	0.0000e+00
614	0.0000e+00	0.0000e+00	-6.9229e-04	4.8106e-06	2.3193e-06	0.0000e+00
615	0.0000e+00	0.0000e+00	-4.3339e-04	7.0844e-06	2.1483e-06	0.0000e+00
616	0.0000e+00	0.0000e+00	-1.5129e-04	7.9377e-06	2.2585e-06	0.0000e+00
617	0.0000e+00	0.0000e+00	2.9587e-04	7.2778e-06	-2.6870e-06	0.0000e+00
618	0.0000e+00	0.0000e+00	5.6330e-04	5.2971e-06	-3.1976e-06	0.0000e+00

619	0.0000e+00	0.0000e+00	7.3473e-04	2.5207e-06	-3.5065e-06	0.0000e+00
620	0.0000e+00	0.0000e+00	7.8433e-04	-3.5163e-07	-3.4282e-06	0.0000e+00
621	0.0000e+00	0.0000e+00	7.3610e-04	-1.8399e-06	3.0156e-06	0.0000e+00
622	0.0000e+00	0.0000e+00	-7.1995e-04	-5.6141e-06	2.6795e-06	0.0000e+00
623	0.0000e+00	0.0000e+00	-9.1179e-04	-2.7960e-06	4.0824e-06	0.0000e+00
624	0.0000e+00	0.0000e+00	-9.3954e-04	1.6374e-06	4.5621e-06	0.0000e+00
625	0.0000e+00	0.0000e+00	-7.7741e-04	5.6302e-06	3.8224e-06	0.0000e+00
626	0.0000e+00	0.0000e+00	-4.6507e-04	8.3088e-06	2.5495e-06	0.0000e+00
627	0.0000e+00	0.0000e+00	-8.0113e-05	9.2567e-06	1.9584e-06	0.0000e+00
628	0.0000e+00	0.0000e+00	3.2866e-04	8.4466e-06	-2.9099e-06	0.0000e+00
629	0.0000e+00	0.0000e+00	6.5168e-04	6.0105e-06	-4.2096e-06	0.0000e+00
630	0.0000e+00	0.0000e+00	8.3969e-04	2.3954e-06	-4.8947e-06	0.0000e+00
631	0.0000e+00	0.0000e+00	8.6085e-04	-1.3555e-06	-4.3941e-06	0.0000e+00
632	0.0000e+00	0.0000e+00	7.4726e-04	-3.4858e-06	-3.1169e-06	0.0000e+00
633	0.0000e+00	0.0000e+00	-8.2731e-04	-8.7987e-06	3.3968e-06	0.0000e+00
634	0.0000e+00	0.0000e+00	-1.1322e-03	-4.6153e-06	6.8063e-06	0.0000e+00
635	0.0000e+00	0.0000e+00	-1.1880e-03	2.0387e-06	7.4470e-06	0.0000e+00
636	0.0000e+00	0.0000e+00	-9.7405e-04	7.3945e-06	5.7581e-06	0.0000e+00
637	0.0000e+00	0.0000e+00	-5.7035e-04	1.0592e-05	3.2599e-06	0.0000e+00
638	0.0000e+00	0.0000e+00	-8.5467e-05	1.1609e-05	1.4786e-06	0.0000e+00
639	0.0000e+00	0.0000e+00	4.2604e-04	1.0617e-05	-3.0501e-06	0.0000e+00
640	0.0000e+00	0.0000e+00	8.3302e-04	7.5734e-06	-5.3411e-06	0.0000e+00
641	0.0000e+00	0.0000e+00	1.0620e-03	2.5301e-06	-6.7769e-06	0.0000e+00
642	0.0000e+00	0.0000e+00	1.0417e-03	-3.4125e-06	-5.9662e-06	0.0000e+00
643	0.0000e+00	0.0000e+00	7.9719e-04	-6.9884e-06	-2.9249e-06	0.0000e+00
644	0.0000e+00	0.0000e+00	-9.7940e-04	-1.5220e-05	3.8397e-06	0.0000e+00
645	0.0000e+00	0.0000e+00	-1.4927e-03	-7.3454e-06	1.0324e-05	0.0000e+00
646	0.0000e+00	0.0000e+00	-1.5647e-03	3.3705e-06	9.9873e-06	0.0000e+00
647	0.0000e+00	0.0000e+00	-1.2507e-03	1.0274e-05	6.8462e-06	0.0000e+00
648	0.0000e+00	0.0000e+00	-7.1748e-04	1.3659e-05	3.5357e-06	0.0000e+00
649	0.0000e+00	0.0000e+00	-1.2630e-04	1.4588e-05	8.9017e-07	0.0000e+00
650	0.0000e+00	0.0000e+00	5.4852e-04	1.3506e-05	-2.8151e-06	0.0000e+00
651	0.0000e+00	0.0000e+00	1.0730e-03	1.0130e-05	-5.7973e-06	0.0000e+00
652	0.0000e+00	0.0000e+00	1.3860e-03	3.5202e-06	-8.4756e-06	0.0000e+00
653	0.0000e+00	0.0000e+00	1.3347e-03	-6.4387e-06	-8.4418e-06	0.0000e+00
654	0.0000e+00	0.0000e+00	8.6729e-04	-1.3714e-05	-2.2413e-06	0.0000e+00
655	0.0000e+00	0.0000e+00	-1.1354e-03	-2.7768e-05	3.7336e-06	0.0000e+00
656	0.0000e+00	0.0000e+00	-2.0129e-03	-8.3429e-06	1.4535e-05	0.0000e+00
657	0.0000e+00	0.0000e+00	-2.0002e-03	7.0621e-06	9.3613e-06	0.0000e+00
658	0.0000e+00	0.0000e+00	-1.5294e-03	1.3804e-05	5.5201e-06	0.0000e+00
659	0.0000e+00	0.0000e+00	-8.5771e-04	1.6652e-05	2.7121e-06	0.0000e+00
660	0.0000e+00	0.0000e+00	-1.5259e-04	1.7305e-05	4.3093e-07	0.0000e+00
661	0.0000e+00	0.0000e+00	6.5073e-04	1.6275e-05	-1.7696e-06	0.0000e+00
662	0.0000e+00	0.0000e+00	1.2988e-03	1.3211e-05	-4.2306e-06	0.0000e+00
663	0.0000e+00	0.0000e+00	1.7452e-03	6.6296e-06	-7.4514e-06	0.0000e+00
664	0.0000e+00	0.0000e+00	1.7557e-03	-7.7993e-06	-1.1826e-05	0.0000e+00
665	0.0000e+00	0.0000e+00	9.1829e-04	-2.6350e-05	-9.7920e-07	0.0000e+00
666	0.0000e+00	0.0000e+00	-2.3974e-03	-4.4782e-06	2.9052e-06	0.0000e+00
667	0.0000e+00	0.0000e+00	-2.2499e-03	9.9463e-06	1.9434e-06	0.0000e+00
668	0.0000e+00	0.0000e+00	-1.6795e-03	1.5779e-05	1.3744e-06	0.0000e+00
669	0.0000e+00	0.0000e+00	-9.3425e-04	1.8165e-05	9.5712e-07	0.0000e+00
670	0.0000e+00	0.0000e+00	-1.5811e-04	1.8629e-05	6.8477e-07	0.0000e+00
671	0.0000e+00	0.0000e+00	6.8614e-04	1.7599e-05	-7.4240e-07	0.0000e+00
672	0.0000e+00	0.0000e+00	1.3951e-03	1.4765e-05	-1.1437e-06	0.0000e+00
673	0.0000e+00	0.0000e+00	1.9165e-03	8.7685e-06	-1.9206e-06	0.0000e+00
674	0.0000e+00	0.0000e+00	2.0207e-03	-5.1817e-06	-3.4025e-06	0.0000e+00
675	0.0000e+00	0.0000e+00	5.9001e-04	-7.9157e-06	-3.6667e-06	0.0000e+00
676	0.0000e+00	0.0000e+00	4.6200e-04	-1.0552e-05	-6.9860e-06	0.0000e+00
677	0.0000e+00	0.0000e+00	3.0633e-04	-7.2822e-06	-5.0640e-06	0.0000e+00
678	0.0000e+00	0.0000e+00	2.3363e-04	-8.8994e-06	-7.0056e-06	0.0000e+00
679	0.0000e+00	0.0000e+00	1.9875e-04	-8.2174e-06	-6.1577e-06	0.0000e+00
680	0.0000e+00	0.0000e+00	-4.2075e-04	-9.7968e-06	-7.6746e-06	0.0000e+00
681	0.0000e+00	0.0000e+00	-4.7406e-04	-1.0013e-05	-7.4235e-06	0.0000e+00
682	0.0000e+00	0.0000e+00	-8.0903e-04	-1.1871e-05	-8.7304e-06	0.0000e+00
683	0.0000e+00	0.0000e+00	-8.9789e-04	-1.2906e-05	-8.9525e-06	0.0000e+00
684	0.0000e+00	0.0000e+00	-1.3104e-03	-1.5050e-05	-1.0067e-05	0.0000e+00
685	0.0000e+00	0.0000e+00	-1.4638e-03	-1.7541e-05	-1.0710e-05	0.0000e+00
686	0.0000e+00	0.0000e+00	-1.9536e-03	-1.9827e-05	-1.1633e-05	0.0000e+00
687	0.0000e+00	0.0000e+00	-2.2375e-03	-2.4263e-05	-1.2622e-05	0.0000e+00
688	0.0000e+00	0.0000e+00	-2.7987e-03	-2.6567e-05	-1.3391e-05	0.0000e+00
689	0.0000e+00	0.0000e+00	-3.3021e-03	-3.2990e-05	-1.4623e-05	0.0000e+00
690	0.0000e+00	0.0000e+00	-3.9246e-03	-3.5368e-05	-1.5333e-05	0.0000e+00

691 0.0000e+00 0.0000e+00 -4.7330e-03 -4.3100e-05 -1.6812e-05 0.0000e+00  
692 0.0000e+00 0.0000e+00 -5.4161e-03 -4.6221e-05 -1.7528e-05 0.0000e+00  
693 0.0000e+00 0.0000e+00 -6.5545e-03 -5.2061e-05 -1.9286e-05 0.0000e+00  
694 0.0000e+00 0.0000e+00 6.7674e-04 -5.4110e-06 -1.7289e-06 0.0000e+00  
695 0.0000e+00 0.0000e+00 4.6209e-04 -5.7126e-06 -3.2211e-06 0.0000e+00  
696 0.0000e+00 0.0000e+00 2.7772e-04 -6.6719e-06 -4.4088e-06 0.0000e+00  
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700 0.0000e+00 0.0000e+00 -1.7355e-03 -2.2657e-05 -1.0836e-05 0.0000e+00  
701 0.0000e+00 0.0000e+00 -2.7415e-03 -3.1165e-05 -1.2818e-05 0.0000e+00  
702 0.0000e+00 0.0000e+00 -4.1056e-03 -4.0267e-05 -1.5035e-05 0.0000e+00  
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704 0.0000e+00 0.0000e+00 6.9939e-04 -3.3905e-06 -1.6522e-06 0.0000e+00  
705 0.0000e+00 0.0000e+00 5.5751e-04 -4.0091e-06 -1.8951e-06 0.0000e+00  
706 0.0000e+00 0.0000e+00 4.1548e-04 -5.0051e-06 -2.6892e-06 0.0000e+00  
707 0.0000e+00 0.0000e+00 3.0157e-04 -6.6357e-06 -3.8793e-06 0.0000e+00  
708 0.0000e+00 0.0000e+00 -3.4857e-04 -9.4987e-06 -5.3553e-06 0.0000e+00  
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710 0.0000e+00 0.0000e+00 -1.3153e-03 -2.1031e-05 -8.7829e-06 0.0000e+00  
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717 0.0000e+00 0.0000e+00 3.9184e-04 -4.9899e-06 -2.1637e-06 0.0000e+00  
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719 0.0000e+00 0.0000e+00 -4.3620e-04 -1.2676e-05 -5.2042e-06 0.0000e+00  
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721 0.0000e+00 0.0000e+00 -1.8770e-03 -2.7873e-05 -8.3854e-06 0.0000e+00  
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723 0.0000e+00 0.0000e+00 -4.7174e-03 -4.3520e-05 -1.0947e-05 0.0000e+00  
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729 0.0000e+00 0.0000e+00 -2.8624e-04 -1.1090e-05 -3.6919e-06 0.0000e+00  
730 0.0000e+00 0.0000e+00 -7.1976e-04 -1.8251e-05 -5.1803e-06 0.0000e+00  
731 0.0000e+00 0.0000e+00 -1.5770e-03 -2.7052e-05 -6.3655e-06 0.0000e+00  
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733 0.0000e+00 0.0000e+00 -4.4204e-03 -4.4123e-05 -7.6861e-06 0.0000e+00  
734 0.0000e+00 0.0000e+00 6.0694e-04 -3.2298e-06 2.7738e-06 0.0000e+00  
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736 0.0000e+00 0.0000e+00 4.6251e-04 -9.9651e-07 2.3026e-06 0.0000e+00  
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738 0.0000e+00 0.0000e+00 3.7136e-04 -4.3292e-06 -8.1137e-07 0.0000e+00  
739 0.0000e+00 0.0000e+00 2.4353e-04 -9.4085e-06 -2.5292e-06 0.0000e+00  
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747 0.0000e+00 0.0000e+00 3.7204e-04 1.3644e-06 2.3420e-06 0.0000e+00  
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752 0.0000e+00 0.0000e+00 -2.4928e-03 -3.9912e-05 -3.2390e-06 0.0000e+00  
753 0.0000e+00 0.0000e+00 -4.3191e-03 -5.1467e-05 4.8516e-06 0.0000e+00  
754 0.0000e+00 0.0000e+00 3.7643e-04 -9.8337e-06 5.7018e-06 0.0000e+00  
755 0.0000e+00 0.0000e+00 1.4389e-04 -2.6677e-06 6.9648e-06 0.0000e+00  
756 0.0000e+00 0.0000e+00 1.4156e-04 2.3205e-06 5.3722e-06 0.0000e+00  
757 0.0000e+00 0.0000e+00 2.5436e-04 3.2571e-06 3.1827e-06 0.0000e+00  
758 0.0000e+00 0.0000e+00 3.4357e-04 1.5428e-06 1.1091e-06 0.0000e+00  
759 0.0000e+00 0.0000e+00 2.9186e-04 -5.6077e-06 -8.5432e-07 0.0000e+00  
760 0.0000e+00 0.0000e+00 -2.8101e-04 -1.4707e-05 -2.3533e-06 0.0000e+00  
761 0.0000e+00 0.0000e+00 -1.0269e-03 -2.7540e-05 -3.1726e-06 0.0000e+00  
762 0.0000e+00 0.0000e+00 -2.4176e-03 -4.3492e-05 -2.4450e-06 0.0000e+00

763	0.0000e+00	0.0000e+00	-4.4701e-03	-5.9102e-05	5.8106e-06	0.0000e+00
764	0.0000e+00	0.0000e+00	-1.3832e-04	-1.3365e-05	1.0571e-05	0.0000e+00
765	0.0000e+00	0.0000e+00	-2.2340e-04	1.1701e-06	7.5008e-06	0.0000e+00
766	0.0000e+00	0.0000e+00	-1.1649e-04	4.9083e-06	4.7686e-06	0.0000e+00
767	0.0000e+00	0.0000e+00	1.2504e-04	5.4441e-06	2.8415e-06	0.0000e+00
768	0.0000e+00	0.0000e+00	2.8636e-04	2.7647e-06	1.4781e-06	0.0000e+00
769	0.0000e+00	0.0000e+00	2.8945e-04	-4.0638e-06	6.4779e-07	0.0000e+00
770	0.0000e+00	0.0000e+00	-2.2175e-04	-1.3435e-05	-1.0201e-06	0.0000e+00
771	0.0000e+00	0.0000e+00	-9.1879e-04	-2.7113e-05	-1.8764e-06	0.0000e+00
772	0.0000e+00	0.0000e+00	-2.3555e-03	-4.6767e-05	-2.4109e-06	0.0000e+00
773	0.0000e+00	0.0000e+00	-4.7058e-03	-7.0677e-05	6.7761e-06	0.0000e+00
774	0.0000e+00	0.0000e+00	-2.8281e-04	-9.6226e-06	-3.6532e-06	0.0000e+00
775	0.0000e+00	0.0000e+00	-4.0753e-04	2.1742e-06	2.2227e-06	0.0000e+00
776	0.0000e+00	0.0000e+00	-2.3430e-04	6.2937e-06	1.4891e-06	0.0000e+00
777	0.0000e+00	0.0000e+00	4.7171e-05	6.2968e-06	1.3279e-06	0.0000e+00
778	0.0000e+00	0.0000e+00	2.2043e-04	3.2063e-06	1.5413e-06	0.0000e+00
779	0.0000e+00	0.0000e+00	2.3328e-04	-3.7154e-06	2.0237e-06	0.0000e+00
780	0.0000e+00	0.0000e+00	-2.0203e-04	-1.3252e-05	2.7714e-06	0.0000e+00
781	0.0000e+00	0.0000e+00	-9.3980e-04	-2.7065e-05	3.8295e-06	0.0000e+00
782	0.0000e+00	0.0000e+00	-2.3913e-03	-4.7130e-05	5.2007e-06	0.0000e+00
783	0.0000e+00	0.0000e+00	3.3630e-04	-4.7608e-06	-1.0062e-06	0.0000e+00
784	0.0000e+00	0.0000e+00	3.2346e-04	-6.2091e-06	1.2741e-06	0.0000e+00
785	0.0000e+00	0.0000e+00	2.2252e-04	-4.5829e-07	-8.5498e-07	0.0000e+00
786	0.0000e+00	0.0000e+00	2.1782e-04	-7.3250e-07	9.8704e-07	0.0000e+00
787	0.0000e+00	0.0000e+00	2.6479e-04	2.3239e-06	5.9322e-07	0.0000e+00
788	0.0000e+00	0.0000e+00	2.9120e-04	2.3927e-06	1.0439e-06	0.0000e+00
789	0.0000e+00	0.0000e+00	3.8660e-04	3.2021e-06	1.6444e-06	0.0000e+00
790	0.0000e+00	0.0000e+00	4.5193e-04	3.3035e-06	1.4093e-06	0.0000e+00
791	0.0000e+00	0.0000e+00	5.0402e-04	2.1147e-06	2.7985e-06	0.0000e+00
792	0.0000e+00	0.0000e+00	6.0633e-04	2.0029e-06	1.7957e-06	0.0000e+00
793	0.0000e+00	0.0000e+00	5.2969e-04	-9.9761e-07	3.6561e-06	0.0000e+00
794	0.0000e+00	0.0000e+00	6.5642e-04	-1.6615e-06	1.9006e-06	0.0000e+00
795	0.0000e+00	0.0000e+00	3.7736e-04	-5.9624e-06	3.5460e-06	0.0000e+00
796	0.0000e+00	0.0000e+00	4.9683e-04	-7.9911e-06	1.4182e-06	0.0000e+00
797	0.0000e+00	0.0000e+00	2.4118e-05	-9.7347e-06	2.0837e-07	0.0000e+00
798	0.0000e+00	0.0000e+00	3.4226e-04	-3.6306e-06	3.4828e-07	0.0000e+00
799	0.0000e+00	0.0000e+00	2.3960e-04	-1.0474e-06	-2.9099e-07	0.0000e+00
800	0.0000e+00	0.0000e+00	2.4564e-04	1.1245e-06	5.4690e-07	0.0000e+00
801	0.0000e+00	0.0000e+00	3.1680e-04	1.8820e-06	1.5662e-06	0.0000e+00
802	0.0000e+00	0.0000e+00	3.8544e-04	9.9339e-07	2.5749e-06	0.0000e+00
803	0.0000e+00	0.0000e+00	3.8094e-04	-1.4268e-06	3.1060e-06	0.0000e+00
804	0.0000e+00	0.0000e+00	2.5101e-04	-4.5403e-06	2.4275e-06	0.0000e+00
805	0.0000e+00	0.0000e+00	1.5807e-05	-6.2297e-06	1.7213e-07	0.0000e+00
806	0.0000e+00	0.0000e+00	3.1515e-04	-2.6673e-06	8.2485e-07	0.0000e+00
807	0.0000e+00	0.0000e+00	2.3015e-04	-1.1137e-06	5.0426e-07	0.0000e+00
808	0.0000e+00	0.0000e+00	2.1754e-04	4.4794e-07	7.5820e-07	0.0000e+00
809	0.0000e+00	0.0000e+00	2.5452e-04	1.0545e-06	1.2857e-06	0.0000e+00
810	0.0000e+00	0.0000e+00	2.9078e-04	3.9752e-07	1.7737e-06	0.0000e+00
811	0.0000e+00	0.0000e+00	2.7333e-04	-1.3161e-06	1.9028e-06	0.0000e+00
812	0.0000e+00	0.0000e+00	1.7188e-04	-3.2495e-06	1.3358e-06	0.0000e+00
813	0.0000e+00	0.0000e+00	9.2102e-06	-4.1483e-06	1.3070e-07	0.0000e+00
814	0.0000e+00	0.0000e+00	2.7480e-04	-2.3446e-06	1.0225e-06	0.0000e+00
815	0.0000e+00	0.0000e+00	1.9704e-04	-1.0996e-06	1.0006e-06	0.0000e+00
816	0.0000e+00	0.0000e+00	1.7981e-04	2.4143e-07	9.6826e-07	0.0000e+00
817	0.0000e+00	0.0000e+00	2.0697e-04	8.1554e-07	8.9786e-07	0.0000e+00
818	0.0000e+00	0.0000e+00	2.3525e-04	2.8277e-07	7.8532e-07	0.0000e+00
819	0.0000e+00	0.0000e+00	2.1905e-04	-1.1177e-06	6.2482e-07	0.0000e+00
820	0.0000e+00	0.0000e+00	1.3557e-04	-2.6152e-06	3.8063e-07	0.0000e+00
821	0.0000e+00	0.0000e+00	4.3829e-06	-3.2688e-06	9.1521e-08	0.0000e+00
822	0.0000e+00	0.0000e+00	2.3055e-04	-2.6857e-06	1.1757e-06	0.0000e+00
823	0.0000e+00	0.0000e+00	1.4484e-04	-1.1110e-06	1.5136e-06	0.0000e+00
824	0.0000e+00	0.0000e+00	1.3405e-04	5.2570e-07	1.2086e-06	0.0000e+00
825	0.0000e+00	0.0000e+00	1.7772e-04	1.2479e-06	4.8876e-07	0.0000e+00
826	0.0000e+00	0.0000e+00	2.2462e-04	6.6379e-07	-3.4706e-07	0.0000e+00
827	0.0000e+00	0.0000e+00	2.2107e-04	-9.3982e-07	-7.6809e-07	0.0000e+00
828	0.0000e+00	0.0000e+00	1.3997e-04	-2.6714e-06	-6.1841e-07	0.0000e+00
829	0.0000e+00	0.0000e+00	1.1415e-06	-3.4294e-06	5.8192e-08	0.0000e+00
830	0.0000e+00	0.0000e+00	1.7767e-04	-3.7994e-06	1.6254e-06	0.0000e+00
831	0.0000e+00	0.0000e+00	6.8174e-05	-1.1351e-06	2.3688e-06	0.0000e+00
832	0.0000e+00	0.0000e+00	7.6388e-05	1.4066e-06	1.6451e-06	0.0000e+00
833	0.0000e+00	0.0000e+00	1.6731e-04	2.4841e-06	-1.9318e-07	0.0000e+00
834	0.0000e+00	0.0000e+00	2.6466e-04	1.6474e-06	-1.5925e-06	0.0000e+00

835	0.0000e+00	0.0000e+00	2.8814e-04	-7.6849e-07	-2.4659e-06	0.0000e+00
836	0.0000e+00	0.0000e+00	1.9178e-04	-3.5318e-06	-1.9035e-06	0.0000e+00
837	0.0000e+00	0.0000e+00	-8.0260e-07	-4.8134e-06	3.2040e-08	0.0000e+00
838	0.0000e+00	0.0000e+00	9.8178e-05	-5.8745e-06	2.8308e-06	0.0000e+00
839	0.0000e+00	0.0000e+00	-7.1850e-05	-9.8254e-07	3.8427e-06	0.0000e+00
840	0.0000e+00	0.0000e+00	-2.6440e-05	3.1164e-06	2.3492e-06	0.0000e+00
841	0.0000e+00	0.0000e+00	1.7333e-04	4.7241e-06	-3.1539e-07	0.0000e+00
842	0.0000e+00	0.0000e+00	3.6215e-04	3.4807e-06	-2.9699e-06	0.0000e+00
843	0.0000e+00	0.0000e+00	4.3776e-04	-4.0166e-07	-4.6496e-06	0.0000e+00
844	0.0000e+00	0.0000e+00	3.1021e-04	-5.3868e-06	-3.8411e-06	0.0000e+00
845	0.0000e+00	0.0000e+00	-1.7630e-06	-8.0184e-06	1.2988e-08	0.0000e+00
846	0.0000e+00	0.0000e+00	-9.5086e-05	-9.0005e-06	5.3597e-06	0.0000e+00
847	0.0000e+00	0.0000e+00	-2.6787e-04	-3.1666e-07	5.6532e-06	0.0000e+00
848	0.0000e+00	0.0000e+00	-1.2690e-04	5.8699e-06	2.9198e-06	0.0000e+00
849	0.0000e+00	0.0000e+00	1.9073e-04	7.9343e-06	-4.7950e-07	0.0000e+00
850	0.0000e+00	0.0000e+00	5.1378e-04	6.3901e-06	-3.9540e-06	0.0000e+00
851	0.0000e+00	0.0000e+00	6.8528e-04	7.8501e-07	-6.9245e-06	0.0000e+00
852	0.0000e+00	0.0000e+00	5.3058e-04	-8.3202e-06	-6.8912e-06	0.0000e+00
853	0.0000e+00	0.0000e+00	-2.0358e-06	-1.4576e-05	-1.2357e-09	0.0000e+00
854	0.0000e+00	0.0000e+00	-3.8343e-04	-1.0760e-05	9.5393e-06	0.0000e+00
855	0.0000e+00	0.0000e+00	-5.1931e-04	2.9968e-06	5.4756e-06	0.0000e+00
856	0.0000e+00	0.0000e+00	-2.4254e-04	9.1695e-06	2.2322e-06	0.0000e+00
857	0.0000e+00	0.0000e+00	2.1291e-04	1.1229e-05	-5.1778e-07	0.0000e+00
858	0.0000e+00	0.0000e+00	6.7931e-04	9.8607e-06	-3.3383e-06	0.0000e+00
859	0.0000e+00	0.0000e+00	9.9696e-04	4.1097e-06	-6.8101e-06	0.0000e+00
860	0.0000e+00	0.0000e+00	9.0536e-04	-9.8277e-06	-1.1264e-05	0.0000e+00
861	0.0000e+00	0.0000e+00	-1.8794e-06	-2.7013e-05	-6.8011e-09	0.0000e+00
862	0.0000e+00	0.0000e+00	-6.0008e-04	-8.0748e-06	-1.0026e-06	0.0000e+00
863	0.0000e+00	0.0000e+00	-6.3878e-04	5.1934e-06	-6.5721e-07	0.0000e+00
864	0.0000e+00	0.0000e+00	-2.8435e-04	1.0791e-05	-5.0407e-07	0.0000e+00
865	0.0000e+00	0.0000e+00	2.3377e-04	1.2700e-05	-4.5409e-07	0.0000e+00
866	0.0000e+00	0.0000e+00	7.6619e-04	1.1569e-05	-4.2252e-07	0.0000e+00
867	0.0000e+00	0.0000e+00	1.1673e-03	6.5150e-06	-3.4687e-07	0.0000e+00
868	0.0000e+00	0.0000e+00	1.1859e-03	-6.8243e-06	-1.9634e-07	0.0000e+00
869	0.0000e+00	0.0000e+00	-3.5989e-04	-5.9684e-06	-3.3888e-06	0.0000e+00
870	0.0000e+00	0.0000e+00	-4.7204e-04	-7.9982e-06	-1.2333e-06	0.0000e+00
871	0.0000e+00	0.0000e+00	-5.1246e-04	-1.0029e-06	-3.4993e-06	0.0000e+00
872	0.0000e+00	0.0000e+00	-6.3191e-04	-1.6687e-06	-1.7135e-06	0.0000e+00
873	0.0000e+00	0.0000e+00	-4.8696e-04	2.1136e-06	-2.6376e-06	0.0000e+00
874	0.0000e+00	0.0000e+00	-5.8188e-04	2.0013e-06	-1.5990e-06	0.0000e+00
875	0.0000e+00	0.0000e+00	-3.6959e-04	3.2070e-06	-1.4672e-06	0.0000e+00
876	0.0000e+00	0.0000e+00	-4.2706e-04	3.3093e-06	-1.1874e-06	0.0000e+00
877	0.0000e+00	0.0000e+00	-2.4792e-04	2.3347e-06	-3.6429e-07	0.0000e+00
878	0.0000e+00	0.0000e+00	-2.6530e-04	2.4054e-06	-7.7923e-07	0.0000e+00
879	0.0000e+00	0.0000e+00	-2.0609e-04	-4.5369e-07	8.8897e-07	0.0000e+00
880	0.0000e+00	0.0000e+00	-1.9084e-04	-7.1697e-07	-7.1061e-07	0.0000e+00
881	0.0000e+00	0.0000e+00	-3.1959e-04	-4.7508e-06	1.0505e-06	0.0000e+00
882	0.0000e+00	0.0000e+00	-2.9640e-04	-6.1959e-06	-9.8606e-07	0.0000e+00
883	0.0000e+00	0.0000e+00	-2.3976e-04	-4.5431e-06	-2.3003e-06	0.0000e+00
884	0.0000e+00	0.0000e+00	-3.6986e-04	-1.4294e-06	-2.9803e-06	0.0000e+00
885	0.0000e+00	0.0000e+00	-3.7452e-04	9.9306e-07	-2.4490e-06	0.0000e+00
886	0.0000e+00	0.0000e+00	-3.0605e-04	1.8855e-06	-1.4365e-06	0.0000e+00
887	0.0000e+00	0.0000e+00	-2.3520e-04	1.1321e-06	-4.0822e-07	0.0000e+00
888	0.0000e+00	0.0000e+00	-2.2946e-04	-1.0421e-06	3.5661e-07	0.0000e+00
889	0.0000e+00	0.0000e+00	-3.3182e-04	-3.6258e-06	-2.6743e-07	0.0000e+00
890	0.0000e+00	0.0000e+00	-1.6543e-04	-3.2508e-06	-1.2435e-06	0.0000e+00
891	0.0000e+00	0.0000e+00	-2.6697e-04	-1.3174e-06	-1.8119e-06	0.0000e+00
892	0.0000e+00	0.0000e+00	-2.8453e-04	3.9747e-07	-1.6849e-06	0.0000e+00
893	0.0000e+00	0.0000e+00	-2.4837e-04	1.0568e-06	-1.2011e-06	0.0000e+00
894	0.0000e+00	0.0000e+00	-2.1153e-04	4.5297e-07	-6.8787e-07	0.0000e+00
895	0.0000e+00	0.0000e+00	-2.2420e-04	-1.1105e-06	-4.6918e-07	0.0000e+00
896	0.0000e+00	0.0000e+00	-3.0904e-04	-2.6653e-06	-7.7829e-07	0.0000e+00
897	0.0000e+00	0.0000e+00	-1.3254e-04	-2.6159e-06	-3.3190e-07	0.0000e+00
898	0.0000e+00	0.0000e+00	-2.1606e-04	-1.1185e-06	-5.7652e-07	0.0000e+00
899	0.0000e+00	0.0000e+00	-2.3231e-04	2.8273e-07	-7.3844e-07	0.0000e+00
900	0.0000e+00	0.0000e+00	-2.0404e-04	8.1664e-07	-8.5313e-07	0.0000e+00
901	0.0000e+00	0.0000e+00	-1.7689e-04	2.4377e-07	-9.2787e-07	0.0000e+00
902	0.0000e+00	0.0000e+00	-1.9408e-04	-1.0981e-06	-9.6800e-07	0.0000e+00
903	0.0000e+00	0.0000e+00	-2.7178e-04	-2.3443e-06	-1.0000e-06	0.0000e+00
904	0.0000e+00	0.0000e+00	-1.3925e-04	-2.6719e-06	6.6676e-07	0.0000e+00
905	0.0000e+00	0.0000e+00	-2.2037e-04	-9.4044e-07	8.1951e-07	0.0000e+00
906	0.0000e+00	0.0000e+00	-2.2393e-04	6.6353e-07	4.1409e-07	0.0000e+00

907 0.0000e+00 0.0000e+00 -1.7702e-04 1.2482e-06 -4.8065e-07 0.0000e+00  
908 0.0000e+00 0.0000e+00 -1.3331e-04 5.2624e-07 -1.1827e-06 0.0000e+00  
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913 0.0000e+00 0.0000e+00 -2.6542e-04 1.6469e-06 1.6189e-06 0.0000e+00  
914 0.0000e+00 0.0000e+00 -1.6813e-04 2.4839e-06 2.2682e-07 0.0000e+00  
915 0.0000e+00 0.0000e+00 -7.7339e-05 1.4065e-06 -1.6284e-06 0.0000e+00  
916 0.0000e+00 0.0000e+00 -6.9212e-05 -1.1354e-06 -2.3514e-06 0.0000e+00  
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1054	0.0000e+00	0.0000e+00	5.4741e-04	-8.2973e-06	1.2571e-06	0.0000e+00
1055	0.0000e+00	0.0000e+00	2.8501e-04	-5.4303e-06	1.7325e-06	0.0000e+00
1056	0.0000e+00	0.0000e+00	1.5654e-04	-3.1601e-06	1.2625e-06	0.0000e+00
1057	0.0000e+00	0.0000e+00	-1.3763e-04	-3.1020e-06	-1.7528e-06	0.0000e+00
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1061	0.0000e+00	0.0000e+00	2.2948e-04	-5.1163e-06	3.5391e-06	0.0000e+00
1062	0.0000e+00	0.0000e+00	1.7381e-04	-8.5606e-07	1.3952e-06	0.0000e+00
1063	0.0000e+00	0.0000e+00	-1.7871e-04	-8.4067e-07	-1.7026e-06	0.0000e+00
1064	0.0000e+00	0.0000e+00	-2.0532e-04	-4.8763e-06	-3.9278e-06	0.0000e+00
1065	0.0000e+00	0.0000e+00	-4.4425e-04	-1.1673e-05	-3.1820e-06	0.0000e+00
1066	0.0000e+00	0.0000e+00	3.4148e-04	-1.5260e-05	8.0924e-06	0.0000e+00
1067	0.0000e+00	0.0000e+00	-1.7110e-04	-2.3490e-06	4.8690e-06	0.0000e+00
1068	0.0000e+00	0.0000e+00	-1.6803e-04	2.6645e-06	1.6634e-06	0.0000e+00
1069	0.0000e+00	0.0000e+00	2.0539e-04	2.8004e-06	-1.4116e-06	0.0000e+00
1070	0.0000e+00	0.0000e+00	2.3802e-04	-2.1343e-06	-4.5513e-06	0.0000e+00
1071	0.0000e+00	0.0000e+00	-2.9245e-04	-1.4742e-05	-7.8014e-06	0.0000e+00
1072	0.0000e+00	0.0000e+00	1.3666e-04	-1.1842e-05	-1.9388e-06	0.0000e+00
1073	0.0000e+00	0.0000e+00	-1.9858e-04	1.7200e-07	-1.2990e-06	0.0000e+00
1074	0.0000e+00	0.0000e+00	-1.4644e-04	4.4656e-06	-1.0577e-06	0.0000e+00
1075	0.0000e+00	0.0000e+00	1.8901e-04	4.4889e-06	1.2257e-06	0.0000e+00
1076	0.0000e+00	0.0000e+00	2.6733e-04	2.5496e-07	1.8241e-06	0.0000e+00
1077	0.0000e+00	0.0000e+00	-1.6038e-04	-1.1765e-05	2.9124e-06	0.0000e+00
1078	0.0000e+00	0.0000e+00	5.1701e-03	-7.3131e-05	-5.7781e-06	0.0000e+00
1079	0.0000e+00	0.0000e+00	2.7116e-03	-4.9195e-05	-1.0344e-05	0.0000e+00
1080	0.0000e+00	0.0000e+00	1.1698e-03	-2.9106e-05	-8.1112e-06	0.0000e+00
1081	0.0000e+00	0.0000e+00	3.1081e-04	-1.4922e-05	-5.6531e-06	0.0000e+00
1082	0.0000e+00	0.0000e+00	-1.1292e-04	-4.9996e-06	-3.5075e-06	0.0000e+00
1083	0.0000e+00	0.0000e+00	-1.5558e-04	1.9709e-06	-1.6866e-06	0.0000e+00
1084	0.0000e+00	0.0000e+00	-4.3518e-05	4.9185e-06	1.3322e-06	0.0000e+00
1085	0.0000e+00	0.0000e+00	1.8857e-04	4.5977e-06	3.4219e-06	0.0000e+00
1086	0.0000e+00	0.0000e+00	2.8842e-04	-7.0994e-07	6.4918e-06	0.0000e+00
1087	0.0000e+00	0.0000e+00	1.1652e-04	-1.2997e-05	1.0075e-05	0.0000e+00
1088	0.0000e+00	0.0000e+00	-8.4182e-04	-2.6896e-05	-2.2142e-06	0.0000e+00
1089	0.0000e+00	0.0000e+00	5.3770e-03	-6.3935e-05	-5.9356e-06	0.0000e+00
1090	0.0000e+00	0.0000e+00	3.1211e-03	-4.8142e-05	-9.6232e-06	0.0000e+00
1091	0.0000e+00	0.0000e+00	1.5379e-03	-3.1407e-05	-9.3245e-06	0.0000e+00
1092	0.0000e+00	0.0000e+00	5.6865e-04	-1.7621e-05	-7.1866e-06	0.0000e+00
1093	0.0000e+00	0.0000e+00	7.4429e-05	-7.5934e-06	-4.6618e-06	0.0000e+00
1094	0.0000e+00	0.0000e+00	-9.7006e-05	-1.5232e-06	-2.2801e-06	0.0000e+00
1095	0.0000e+00	0.0000e+00	-1.0411e-04	2.2335e-06	1.7994e-06	0.0000e+00
1096	0.0000e+00	0.0000e+00	-1.2570e-04	1.6276e-06	4.1065e-06	0.0000e+00
1097	0.0000e+00	0.0000e+00	-1.5765e-04	-3.3360e-06	6.2933e-06	0.0000e+00
1098	0.0000e+00	0.0000e+00	-3.3001e-04	-1.0596e-05	5.8344e-06	0.0000e+00
1099	0.0000e+00	0.0000e+00	-8.3136e-04	-1.4843e-05	-1.6642e-06	0.0000e+00
1100	0.0000e+00	0.0000e+00	5.6363e-03	-5.8609e-05	-7.2752e-06	0.0000e+00
1101	0.0000e+00	0.0000e+00	3.5181e-03	-4.6613e-05	-9.4092e-06	0.0000e+00
1102	0.0000e+00	0.0000e+00	1.9321e-03	-3.2684e-05	-9.3745e-06	0.0000e+00
1103	0.0000e+00	0.0000e+00	8.8468e-04	-2.0104e-05	-7.8226e-06	0.0000e+00
1104	0.0000e+00	0.0000e+00	2.9332e-04	-1.0416e-05	-5.6502e-06	0.0000e+00
1105	0.0000e+00	0.0000e+00	-1.1563e-04	-4.1418e-06	-3.4732e-06	0.0000e+00
1106	0.0000e+00	0.0000e+00	-1.8074e-04	-1.4975e-06	2.2455e-06	0.0000e+00
1107	0.0000e+00	0.0000e+00	-2.3399e-04	-1.5381e-06	3.0573e-06	0.0000e+00
1108	0.0000e+00	0.0000e+00	-3.1805e-04	-4.1059e-06	4.0239e-06	0.0000e+00
1109	0.0000e+00	0.0000e+00	-5.1587e-04	-7.7059e-06	3.4637e-06	0.0000e+00
1110	0.0000e+00	0.0000e+00	-8.3499e-04	-8.8970e-06	2.3837e-06	0.0000e+00
1111	0.0000e+00	0.0000e+00	5.9773e-03	-5.6104e-05	-9.1875e-06	0.0000e+00
1112	0.0000e+00	0.0000e+00	3.9228e-03	-4.5993e-05	-9.8542e-06	0.0000e+00
1113	0.0000e+00	0.0000e+00	2.3291e-03	-3.3671e-05	-9.4878e-06	0.0000e+00
1114	0.0000e+00	0.0000e+00	1.2255e-03	-2.2079e-05	-8.3427e-06	0.0000e+00
1115	0.0000e+00	0.0000e+00	5.5967e-04	-1.2835e-05	-6.7655e-06	0.0000e+00
1116	0.0000e+00	0.0000e+00	2.7743e-04	-6.6151e-06	-5.1766e-06	0.0000e+00
1117	0.0000e+00	0.0000e+00	-2.8392e-04	-3.5153e-06	-4.0329e-06	0.0000e+00
1118	0.0000e+00	0.0000e+00	-3.5961e-04	-3.0715e-06	3.6359e-06	0.0000e+00
1119	0.0000e+00	0.0000e+00	-4.6397e-04	-4.5531e-06	3.7022e-06	0.0000e+00
1120	0.0000e+00	0.0000e+00	-6.3677e-04	-6.4695e-06	3.7631e-06	0.0000e+00
1121	0.0000e+00	0.0000e+00	-8.6908e-04	-6.5720e-06	3.8713e-06	0.0000e+00
1122	0.0000e+00	0.0000e+00	6.4077e-03	-5.5961e-05	-1.1144e-05	0.0000e+00

1123	0.0000e+00	0.0000e+00	4.3495e-03	-4.6413e-05	-1.0554e-05	0.0000e+00
1124	0.0000e+00	0.0000e+00	2.7336e-03	-3.4631e-05	-9.9075e-06	0.0000e+00
1125	0.0000e+00	0.0000e+00	1.5908e-03	-2.3580e-05	-9.1113e-06	0.0000e+00
1126	0.0000e+00	0.0000e+00	8.7806e-04	-1.4684e-05	-8.0991e-06	0.0000e+00
1127	0.0000e+00	0.0000e+00	5.3840e-04	-8.5031e-06	-7.1185e-06	0.0000e+00
1128	0.0000e+00	0.0000e+00	-4.7545e-04	-5.1213e-06	-6.4560e-06	0.0000e+00
1129	0.0000e+00	0.0000e+00	-5.2513e-04	-4.1986e-06	-6.2147e-06	0.0000e+00
1130	0.0000e+00	0.0000e+00	-6.1275e-04	-5.1741e-06	-6.2257e-06	0.0000e+00
1131	0.0000e+00	0.0000e+00	-7.5597e-04	-6.8264e-06	-6.1534e-06	0.0000e+00
1132	0.0000e+00	0.0000e+00	-9.5997e-04	-6.7657e-06	5.9795e-06	0.0000e+00
1133	0.0000e+00	0.0000e+00	6.9118e-03	-5.8073e-05	-1.2681e-05	0.0000e+00
1134	0.0000e+00	0.0000e+00	4.7942e-03	-4.7410e-05	-1.1198e-05	0.0000e+00
1135	0.0000e+00	0.0000e+00	3.1527e-03	-3.5346e-05	-1.0627e-05	0.0000e+00
1136	0.0000e+00	0.0000e+00	1.9888e-03	-2.4596e-05	-1.0101e-05	0.0000e+00
1137	0.0000e+00	0.0000e+00	1.2537e-03	-1.5972e-05	-9.4539e-06	0.0000e+00
1138	0.0000e+00	0.0000e+00	8.8624e-04	-9.8034e-06	-8.8985e-06	0.0000e+00
1139	0.0000e+00	0.0000e+00	7.8338e-04	-6.1713e-06	-8.6638e-06	0.0000e+00
1140	0.0000e+00	0.0000e+00	-8.0380e-04	-4.8481e-06	-8.8423e-06	0.0000e+00
1141	0.0000e+00	0.0000e+00	-8.6212e-04	-5.5768e-06	-9.3150e-06	0.0000e+00
1142	0.0000e+00	0.0000e+00	-9.5823e-04	-8.1338e-06	-9.5488e-06	0.0000e+00
1143	0.0000e+00	0.0000e+00	-1.1454e-03	-9.1680e-06	8.7486e-06	0.0000e+00
1144	0.0000e+00	0.0000e+00	5.2538e-03	-4.9070e-05	-1.2372e-05	0.0000e+00
1145	0.0000e+00	0.0000e+00	3.5940e-03	-3.6769e-05	-1.1454e-05	0.0000e+00
1146	0.0000e+00	0.0000e+00	2.4191e-03	-2.6299e-05	-1.0772e-05	0.0000e+00
1147	0.0000e+00	0.0000e+00	1.6760e-03	-1.7889e-05	-1.0269e-05	0.0000e+00
1148	0.0000e+00	0.0000e+00	1.2988e-03	-1.1745e-05	-9.9842e-06	0.0000e+00
1149	0.0000e+00	0.0000e+00	1.1818e-03	-7.9629e-06	-9.9886e-06	0.0000e+00
1150	0.0000e+00	0.0000e+00	1.1963e-03	-6.4235e-06	-1.0330e-05	0.0000e+00
1151	0.0000e+00	0.0000e+00	-1.2540e-03	-7.0055e-06	-1.1022e-05	0.0000e+00
1152	0.0000e+00	0.0000e+00	-1.3297e-03	-1.0119e-05	-1.2062e-05	0.0000e+00
1153	0.0000e+00	0.0000e+00	-1.7216e-03	-8.9584e-06	-1.1876e-05	0.0000e+00
1154	0.0000e+00	0.0000e+00	-1.7440e-03	6.2743e-06	-7.3352e-06	0.0000e+00
1155	0.0000e+00	0.0000e+00	-1.3026e-03	1.3366e-05	-4.2031e-06	0.0000e+00
1156	0.0000e+00	0.0000e+00	-6.3655e-04	1.6810e-05	-2.2727e-06	0.0000e+00
1157	0.0000e+00	0.0000e+00	1.5318e-04	1.8041e-05	-1.1702e-06	0.0000e+00
1158	0.0000e+00	0.0000e+00	9.2120e-04	1.7418e-05	1.5088e-06	0.0000e+00
1159	0.0000e+00	0.0000e+00	1.6259e-03	1.4467e-05	3.3673e-06	0.0000e+00
1160	0.0000e+00	0.0000e+00	2.1213e-03	7.5542e-06	6.6452e-06	0.0000e+00
1161	0.0000e+00	0.0000e+00	2.1497e-03	-7.8495e-06	1.1726e-05	0.0000e+00
1162	0.0000e+00	0.0000e+00	1.2559e-03	-2.8269e-05	1.8149e-06	0.0000e+00
1163	0.0000e+00	0.0000e+00	-1.3417e-03	-7.5872e-06	-7.3552e-06	0.0000e+00
1164	0.0000e+00	0.0000e+00	-1.4229e-03	3.3557e-06	-7.5966e-06	0.0000e+00
1165	0.0000e+00	0.0000e+00	-1.1027e-03	1.0716e-05	-5.3882e-06	0.0000e+00
1166	0.0000e+00	0.0000e+00	-5.3372e-04	1.4754e-05	-3.2325e-06	0.0000e+00
1167	0.0000e+00	0.0000e+00	1.5453e-04	1.6177e-05	1.7738e-06	0.0000e+00
1168	0.0000e+00	0.0000e+00	8.5136e-04	1.5236e-05	2.2946e-06	0.0000e+00
1169	0.0000e+00	0.0000e+00	1.4493e-03	1.1519e-05	4.5545e-06	0.0000e+00
1170	0.0000e+00	0.0000e+00	1.8052e-03	3.9844e-06	7.2677e-06	0.0000e+00
1171	0.0000e+00	0.0000e+00	1.7429e-03	-7.3664e-06	7.7946e-06	0.0000e+00
1172	0.0000e+00	0.0000e+00	1.1932e-03	-1.6240e-05	1.8305e-06	0.0000e+00
1173	0.0000e+00	0.0000e+00	-1.1353e-03	-4.7519e-06	-4.5972e-06	0.0000e+00
1174	0.0000e+00	0.0000e+00	-1.1778e-03	2.6609e-06	-5.5692e-06	0.0000e+00
1175	0.0000e+00	0.0000e+00	-9.1910e-04	8.8415e-06	-4.8723e-06	0.0000e+00
1176	0.0000e+00	0.0000e+00	-4.3761e-04	1.2806e-05	-3.6638e-06	0.0000e+00
1177	0.0000e+00	0.0000e+00	1.9881e-04	1.4224e-05	-2.6345e-06	0.0000e+00
1178	0.0000e+00	0.0000e+00	7.9208e-04	1.3081e-05	2.4166e-06	0.0000e+00
1179	0.0000e+00	0.0000e+00	1.2910e-03	9.2126e-06	3.3425e-06	0.0000e+00
1180	0.0000e+00	0.0000e+00	1.5607e-03	2.6548e-06	4.3932e-06	0.0000e+00
1181	0.0000e+00	0.0000e+00	1.5042e-03	-5.1900e-06	3.9038e-06	0.0000e+00
1182	0.0000e+00	0.0000e+00	1.1396e-03	-1.0533e-05	1.2874e-06	0.0000e+00
1183	0.0000e+00	0.0000e+00	-1.0690e-03	-3.1533e-06	-4.3001e-06	0.0000e+00
1184	0.0000e+00	0.0000e+00	-1.0702e-03	2.7848e-06	-4.7058e-06	0.0000e+00
1185	0.0000e+00	0.0000e+00	-8.2930e-04	8.1475e-06	-4.7082e-06	0.0000e+00
1186	0.0000e+00	0.0000e+00	-4.1648e-04	1.1779e-05	-4.3624e-06	0.0000e+00
1187	0.0000e+00	0.0000e+00	3.1187e-04	1.3073e-05	-3.8606e-06	0.0000e+00
1188	0.0000e+00	0.0000e+00	8.0350e-04	1.1871e-05	3.3492e-06	0.0000e+00
1189	0.0000e+00	0.0000e+00	1.2415e-03	8.1612e-06	2.9105e-06	0.0000e+00
1190	0.0000e+00	0.0000e+00	1.4749e-03	2.3768e-06	2.5235e-06	0.0000e+00
1191	0.0000e+00	0.0000e+00	1.4334e-03	-4.0825e-06	2.1544e-06	0.0000e+00
1192	0.0000e+00	0.0000e+00	1.1449e-03	-8.4533e-06	-2.1274e-06	0.0000e+00
1193	0.0000e+00	0.0000e+00	-1.1349e-03	-2.8230e-06	6.0235e-06	0.0000e+00
1194	0.0000e+00	0.0000e+00	-1.1126e-03	3.2548e-06	5.9904e-06	0.0000e+00

1195	0.0000e+00	0.0000e+00	-8.6983e-04	8.4371e-06	5.8243e-06	0.0000e+00
1196	0.0000e+00	0.0000e+00	-5.2159e-04	1.1823e-05	-5.6121e-06	0.0000e+00
1197	0.0000e+00	0.0000e+00	5.0005e-04	1.2992e-05	-5.3866e-06	0.0000e+00
1198	0.0000e+00	0.0000e+00	9.2080e-04	1.1809e-05	-5.2148e-06	0.0000e+00
1199	0.0000e+00	0.0000e+00	1.3356e-03	8.2598e-06	-5.1817e-06	0.0000e+00
1200	0.0000e+00	0.0000e+00	1.5672e-03	2.6694e-06	-5.2959e-06	0.0000e+00
1201	0.0000e+00	0.0000e+00	1.5304e-03	-4.0793e-06	-5.1706e-06	0.0000e+00
1202	0.0000e+00	0.0000e+00	1.2365e-03	-8.8021e-06	-4.3198e-06	0.0000e+00
1203	0.0000e+00	0.0000e+00	-1.3360e-03	-3.1160e-06	8.5602e-06	0.0000e+00
1204	0.0000e+00	0.0000e+00	-1.2932e-03	4.2418e-06	8.0638e-06	0.0000e+00
1205	0.0000e+00	0.0000e+00	-1.0393e-03	9.5084e-06	7.4897e-06	0.0000e+00
1206	0.0000e+00	0.0000e+00	-7.4403e-04	1.2737e-05	7.1014e-06	0.0000e+00
1207	0.0000e+00	0.0000e+00	7.6277e-04	1.3826e-05	-6.9412e-06	0.0000e+00
1208	0.0000e+00	0.0000e+00	1.1450e-03	1.2716e-05	-7.0526e-06	0.0000e+00
1209	0.0000e+00	0.0000e+00	1.5622e-03	9.3289e-06	-7.4961e-06	0.0000e+00
1210	0.0000e+00	0.0000e+00	1.8187e-03	3.6631e-06	-8.2369e-06	0.0000e+00
1211	0.0000e+00	0.0000e+00	1.7902e-03	-4.4486e-06	-8.7139e-06	0.0000e+00
1212	0.0000e+00	0.0000e+00	1.4260e-03	-1.1274e-05	-6.8643e-06	0.0000e+00
1213	0.0000e+00	0.0000e+00	-1.6374e-03	-4.9470e-06	1.1335e-05	0.0000e+00
1214	0.0000e+00	0.0000e+00	-1.5579e-03	4.0584e-06	9.8750e-06	0.0000e+00
1215	0.0000e+00	0.0000e+00	-1.2990e-03	9.4888e-06	8.9105e-06	0.0000e+00
1216	0.0000e+00	0.0000e+00	-1.0482e-03	1.2772e-05	-8.3123e-06	0.0000e+00
1217	0.0000e+00	0.0000e+00	1.0873e-03	1.3876e-05	-8.0439e-06	0.0000e+00
1218	0.0000e+00	0.0000e+00	1.4429e-03	1.2776e-05	-8.0867e-06	0.0000e+00
1219	0.0000e+00	0.0000e+00	1.8621e-03	9.3578e-06	-8.4042e-06	0.0000e+00
1220	0.0000e+00	0.0000e+00	2.1437e-03	3.4212e-06	-8.9210e-06	0.0000e+00
1221	0.0000e+00	0.0000e+00	2.1394e-03	-5.7193e-06	-9.5339e-06	0.0000e+00
1222	0.0000e+00	0.0000e+00	-1.2655e-03	-2.8346e-05	-2.1946e-06	0.0000e+00
1223	0.0000e+00	0.0000e+00	-2.1756e-03	-8.4302e-06	-1.2384e-05	0.0000e+00
1224	0.0000e+00	0.0000e+00	-2.1690e-03	7.0898e-06	-7.1125e-06	0.0000e+00
1225	0.0000e+00	0.0000e+00	-1.6921e-03	1.4033e-05	-3.5711e-06	0.0000e+00
1226	0.0000e+00	0.0000e+00	-1.0063e-03	1.6928e-05	-1.3706e-06	0.0000e+00
1227	0.0000e+00	0.0000e+00	-2.5039e-04	1.7459e-05	4.1187e-07	0.0000e+00
1228	0.0000e+00	0.0000e+00	4.9737e-04	1.6145e-05	1.7263e-06	0.0000e+00
1229	0.0000e+00	0.0000e+00	1.1347e-03	1.2682e-05	3.6241e-06	0.0000e+00
1230	0.0000e+00	0.0000e+00	1.5488e-03	5.6656e-06	6.5936e-06	0.0000e+00
1231	0.0000e+00	0.0000e+00	1.5085e-03	-8.9649e-06	1.1051e-05	0.0000e+00
1232	0.0000e+00	0.0000e+00	6.1464e-04	-2.7168e-05	4.7426e-07	0.0000e+00
1233	0.0000e+00	0.0000e+00	-1.1854e-03	-1.6383e-05	-2.0335e-06	0.0000e+00
1234	0.0000e+00	0.0000e+00	-1.7495e-03	-7.8429e-06	-8.0709e-06	0.0000e+00
1235	0.0000e+00	0.0000e+00	-1.8348e-03	3.4336e-06	-7.5691e-06	0.0000e+00
1236	0.0000e+00	0.0000e+00	-1.5027e-03	1.0975e-05	-4.7168e-06	0.0000e+00
1237	0.0000e+00	0.0000e+00	-9.2915e-04	1.4667e-05	-2.0601e-06	0.0000e+00
1238	0.0000e+00	0.0000e+00	-2.5862e-04	1.5562e-05	5.6247e-07	0.0000e+00
1239	0.0000e+00	0.0000e+00	4.0293e-04	1.4103e-05	2.4499e-06	0.0000e+00
1240	0.0000e+00	0.0000e+00	9.4287e-04	1.0075e-05	4.7793e-06	0.0000e+00
1241	0.0000e+00	0.0000e+00	1.2367e-03	2.6741e-06	7.0955e-06	0.0000e+00
1242	0.0000e+00	0.0000e+00	1.1333e-03	-7.8083e-06	7.0313e-06	0.0000e+00
1243	0.0000e+00	0.0000e+00	5.9609e-04	-1.5194e-05	4.4842e-07	0.0000e+00
1244	0.0000e+00	0.0000e+00	-1.1183e-03	-1.0741e-05	-1.4100e-06	0.0000e+00
1245	0.0000e+00	0.0000e+00	-1.4965e-03	-5.5983e-06	-4.1821e-06	0.0000e+00
1246	0.0000e+00	0.0000e+00	-1.5735e-03	2.1466e-06	-4.6375e-06	0.0000e+00
1247	0.0000e+00	0.0000e+00	-1.3274e-03	8.6427e-06	-3.3263e-06	0.0000e+00
1248	0.0000e+00	0.0000e+00	-8.5287e-04	1.2465e-05	-1.6097e-06	0.0000e+00
1249	0.0000e+00	0.0000e+00	-2.7122e-04	1.3564e-05	8.4374e-07	0.0000e+00
1250	0.0000e+00	0.0000e+00	3.0251e-04	1.2116e-05	2.1516e-06	0.0000e+00
1251	0.0000e+00	0.0000e+00	7.5762e-04	8.1547e-06	3.6267e-06	0.0000e+00
1252	0.0000e+00	0.0000e+00	9.8655e-04	1.9133e-06	4.5095e-06	0.0000e+00
1253	0.0000e+00	0.0000e+00	9.1490e-04	-5.0576e-06	3.5433e-06	0.0000e+00
1254	0.0000e+00	0.0000e+00	5.8560e-04	-8.9886e-06	1.5552e-07	0.0000e+00
1255	0.0000e+00	0.0000e+00	-1.0957e-03	-8.7288e-06	1.4721e-06	0.0000e+00
1256	0.0000e+00	0.0000e+00	-1.3979e-03	-4.4503e-06	-1.6042e-06	0.0000e+00
1257	0.0000e+00	0.0000e+00	-1.4568e-03	1.8678e-06	-1.7708e-06	0.0000e+00
1258	0.0000e+00	0.0000e+00	-1.2431e-03	7.5753e-06	-1.5922e-06	0.0000e+00
1259	0.0000e+00	0.0000e+00	-8.2081e-04	1.1214e-05	1.3033e-06	0.0000e+00
1260	0.0000e+00	0.0000e+00	-2.9399e-04	1.2365e-05	1.2721e-06	0.0000e+00
1261	0.0000e+00	0.0000e+00	2.3433e-04	1.1048e-05	1.5135e-06	0.0000e+00
1262	0.0000e+00	0.0000e+00	6.4750e-04	7.4286e-06	1.7187e-06	0.0000e+00
1263	0.0000e+00	0.0000e+00	8.6140e-04	2.0877e-06	1.5483e-06	0.0000e+00
1264	0.0000e+00	0.0000e+00	8.2896e-04	-3.3856e-06	7.9463e-07	0.0000e+00
1265	0.0000e+00	0.0000e+00	6.0011e-04	-6.3601e-06	-7.9628e-07	0.0000e+00
1266	0.0000e+00	0.0000e+00	-1.1288e-03	-9.1572e-06	2.7554e-06	0.0000e+00

1267	0.0000e+00	0.0000e+00	-1.4359e-03	-4.4120e-06	3.2335e-06	0.0000e+00
1268	0.0000e+00	0.0000e+00	-1.4860e-03	2.0817e-06	3.0593e-06	0.0000e+00
1269	0.0000e+00	0.0000e+00	-1.2661e-03	7.6172e-06	2.5864e-06	0.0000e+00
1270	0.0000e+00	0.0000e+00	-8.4736e-04	1.1096e-05	2.1686e-06	0.0000e+00
1271	0.0000e+00	0.0000e+00	-3.3256e-04	1.2246e-05	1.8120e-06	0.0000e+00
1272	0.0000e+00	0.0000e+00	2.2022e-04	1.1088e-05	1.4904e-06	0.0000e+00
1273	0.0000e+00	0.0000e+00	6.3002e-04	7.7648e-06	-1.3573e-06	0.0000e+00
1274	0.0000e+00	0.0000e+00	8.6357e-04	2.7040e-06	-1.7300e-06	0.0000e+00
1275	0.0000e+00	0.0000e+00	8.5838e-04	-2.8472e-06	-2.1253e-06	0.0000e+00
1276	0.0000e+00	0.0000e+00	6.4734e-04	-6.1405e-06	-1.6468e-06	0.0000e+00
1277	0.0000e+00	0.0000e+00	-1.2114e-03	-1.1730e-05	4.3113e-06	0.0000e+00
1278	0.0000e+00	0.0000e+00	-1.5872e-03	-4.7778e-06	5.5429e-06	0.0000e+00
1279	0.0000e+00	0.0000e+00	-1.6250e-03	2.9696e-06	4.8910e-06	0.0000e+00
1280	0.0000e+00	0.0000e+00	-1.3703e-03	8.5704e-06	3.8944e-06	0.0000e+00
1281	0.0000e+00	0.0000e+00	-9.2137e-04	1.1924e-05	3.0289e-06	0.0000e+00
1282	0.0000e+00	0.0000e+00	-3.9117e-04	1.3062e-05	2.3781e-06	0.0000e+00
1283	0.0000e+00	0.0000e+00	2.6415e-04	1.2061e-05	2.0846e-06	0.0000e+00
1284	0.0000e+00	0.0000e+00	6.8903e-04	8.9870e-06	-2.4521e-06	0.0000e+00
1285	0.0000e+00	0.0000e+00	9.6738e-04	3.9396e-06	-3.4457e-06	0.0000e+00
1286	0.0000e+00	0.0000e+00	9.8900e-04	-2.7996e-06	-4.2788e-06	0.0000e+00
1287	0.0000e+00	0.0000e+00	7.2617e-04	-7.9973e-06	-2.4359e-06	0.0000e+00
1288	0.0000e+00	0.0000e+00	-1.7586e-03	-6.5412e-06	5.6091e-06	0.0000e+00
1289	0.0000e+00	0.0000e+00	-1.7778e-03	2.6567e-06	4.8036e-06	0.0000e+00
1290	0.0000e+00	0.0000e+00	-1.4905e-03	8.4684e-06	4.0585e-06	0.0000e+00
1291	0.0000e+00	0.0000e+00	-1.0107e-03	1.1939e-05	3.3733e-06	0.0000e+00
1292	0.0000e+00	0.0000e+00	-4.6892e-04	1.3174e-05	2.8422e-06	0.0000e+00
1293	0.0000e+00	0.0000e+00	3.4907e-04	1.2283e-05	2.5988e-06	0.0000e+00
1294	0.0000e+00	0.0000e+00	7.7834e-04	9.2818e-06	-2.7192e-06	0.0000e+00
1295	0.0000e+00	0.0000e+00	1.0962e-03	4.0813e-06	-3.0655e-06	0.0000e+00
1296	0.0000e+00	0.0000e+00	1.1490e-03	-3.6712e-06	-3.3194e-06	0.0000e+00
1297	0.0000e+00	0.0000e+00	-6.1571e-04	-2.7170e-05	-4.8877e-07	0.0000e+00
1298	0.0000e+00	0.0000e+00	-1.5097e-03	-8.9666e-06	-1.1060e-05	0.0000e+00
1299	0.0000e+00	0.0000e+00	-1.5500e-03	5.6636e-06	-6.6042e-06	0.0000e+00
1300	0.0000e+00	0.0000e+00	-1.1360e-03	1.2680e-05	-3.6360e-06	0.0000e+00
1301	0.0000e+00	0.0000e+00	-4.9892e-04	1.6144e-05	-1.7399e-06	0.0000e+00
1302	0.0000e+00	0.0000e+00	2.4945e-04	1.7459e-05	-4.2995e-07	0.0000e+00
1303	0.0000e+00	0.0000e+00	1.0051e-03	1.6929e-05	1.3634e-06	0.0000e+00
1304	0.0000e+00	0.0000e+00	1.6908e-03	1.4035e-05	3.5614e-06	0.0000e+00
1305	0.0000e+00	0.0000e+00	2.1679e-03	7.0924e-06	7.1024e-06	0.0000e+00
1306	0.0000e+00	0.0000e+00	2.1746e-03	-8.4276e-06	1.2374e-05	0.0000e+00
1307	0.0000e+00	0.0000e+00	1.2646e-03	-2.8343e-05	2.1882e-06	0.0000e+00
1308	0.0000e+00	0.0000e+00	-5.9670e-04	-1.5195e-05	-4.6157e-07	0.0000e+00
1309	0.0000e+00	0.0000e+00	-1.1340e-03	-7.8097e-06	-7.0426e-06	0.0000e+00
1310	0.0000e+00	0.0000e+00	-1.2374e-03	2.6728e-06	-7.1073e-06	0.0000e+00
1311	0.0000e+00	0.0000e+00	-9.4370e-04	1.0074e-05	-4.7920e-06	0.0000e+00
1312	0.0000e+00	0.0000e+00	-4.0388e-04	1.4102e-05	-2.4644e-06	0.0000e+00
1313	0.0000e+00	0.0000e+00	2.5796e-04	1.5562e-05	-5.8056e-07	0.0000e+00
1314	0.0000e+00	0.0000e+00	9.2837e-04	1.4668e-05	2.0508e-06	0.0000e+00
1315	0.0000e+00	0.0000e+00	1.5020e-03	1.0976e-05	4.7046e-06	0.0000e+00
1316	0.0000e+00	0.0000e+00	1.8342e-03	3.4361e-06	7.5556e-06	0.0000e+00
1317	0.0000e+00	0.0000e+00	1.7489e-03	-7.8400e-06	8.0566e-06	0.0000e+00
1318	0.0000e+00	0.0000e+00	1.1850e-03	-1.6380e-05	2.0213e-06	0.0000e+00
1319	0.0000e+00	0.0000e+00	-5.8571e-04	-8.9894e-06	-1.6714e-07	0.0000e+00
1320	0.0000e+00	0.0000e+00	-9.1506e-04	-5.0588e-06	-3.5560e-06	0.0000e+00
1321	0.0000e+00	0.0000e+00	-9.8677e-04	1.9122e-06	-4.5226e-06	0.0000e+00
1322	0.0000e+00	0.0000e+00	-7.5789e-04	8.1538e-06	-3.6408e-06	0.0000e+00
1323	0.0000e+00	0.0000e+00	-3.0282e-04	1.2116e-05	-2.1676e-06	0.0000e+00
1324	0.0000e+00	0.0000e+00	2.7095e-04	1.3564e-05	-8.6098e-07	0.0000e+00
1325	0.0000e+00	0.0000e+00	8.5264e-04	1.2467e-05	1.6036e-06	0.0000e+00
1326	0.0000e+00	0.0000e+00	1.3273e-03	8.6455e-06	3.3144e-06	0.0000e+00
1327	0.0000e+00	0.0000e+00	1.5735e-03	2.1500e-06	4.6232e-06	0.0000e+00
1328	0.0000e+00	0.0000e+00	1.4967e-03	-5.5945e-06	4.1665e-06	0.0000e+00
1329	0.0000e+00	0.0000e+00	1.1186e-03	-1.0737e-05	1.4011e-06	0.0000e+00
1330	0.0000e+00	0.0000e+00	-5.9971e-04	-6.3605e-06	7.9074e-07	0.0000e+00
1331	0.0000e+00	0.0000e+00	-8.2858e-04	-3.3865e-06	-8.1064e-07	0.0000e+00
1332	0.0000e+00	0.0000e+00	-8.6107e-04	2.0865e-06	-1.5640e-06	0.0000e+00
1333	0.0000e+00	0.0000e+00	-6.4720e-04	7.4280e-06	-1.7349e-06	0.0000e+00
1334	0.0000e+00	0.0000e+00	-2.3399e-04	1.1048e-05	-1.5306e-06	0.0000e+00
1335	0.0000e+00	0.0000e+00	2.9423e-04	1.2367e-05	-1.2880e-06	0.0000e+00
1336	0.0000e+00	0.0000e+00	8.2120e-04	1.1217e-05	-1.3125e-06	0.0000e+00
1337	0.0000e+00	0.0000e+00	1.2436e-03	7.5794e-06	1.5941e-06	0.0000e+00
1338	0.0000e+00	0.0000e+00	1.4576e-03	1.8727e-06	1.7694e-06	0.0000e+00

1339	0.0000e+00	0.0000e+00	1.3988e-03	-4.4451e-06	1.6060e-06	0.0000e+00
1340	0.0000e+00	0.0000e+00	1.0968e-03	-8.7240e-06	-1.4854e-06	0.0000e+00
1341	0.0000e+00	0.0000e+00	-6.4644e-04	-6.1404e-06	1.6408e-06	0.0000e+00
1342	0.0000e+00	0.0000e+00	-8.5749e-04	-2.8479e-06	2.1184e-06	0.0000e+00
1343	0.0000e+00	0.0000e+00	-8.6272e-04	2.7028e-06	1.7266e-06	0.0000e+00
1344	0.0000e+00	0.0000e+00	-6.2919e-04	7.7646e-06	1.3619e-06	0.0000e+00
1345	0.0000e+00	0.0000e+00	-2.1938e-04	1.1089e-05	-1.5017e-06	0.0000e+00
1346	0.0000e+00	0.0000e+00	3.3340e-04	1.2249e-05	-1.8261e-06	0.0000e+00
1347	0.0000e+00	0.0000e+00	8.4841e-04	1.1100e-05	-2.1846e-06	0.0000e+00
1348	0.0000e+00	0.0000e+00	1.2674e-03	7.6230e-06	-2.6046e-06	0.0000e+00
1349	0.0000e+00	0.0000e+00	1.4875e-03	2.0886e-06	-3.0801e-06	0.0000e+00
1350	0.0000e+00	0.0000e+00	1.4378e-03	-4.4050e-06	-3.2567e-06	0.0000e+00
1351	0.0000e+00	0.0000e+00	1.1309e-03	-9.1513e-06	-2.7771e-06	0.0000e+00
1352	0.0000e+00	0.0000e+00	-7.2486e-04	-7.9966e-06	2.4322e-06	0.0000e+00
1353	0.0000e+00	0.0000e+00	-9.8768e-04	-2.8002e-06	4.2721e-06	0.0000e+00
1354	0.0000e+00	0.0000e+00	-9.6609e-04	3.9388e-06	3.4403e-06	0.0000e+00
1355	0.0000e+00	0.0000e+00	-6.8778e-04	8.9875e-06	2.4507e-06	0.0000e+00
1356	0.0000e+00	0.0000e+00	-2.6319e-04	1.2063e-05	-2.0906e-06	0.0000e+00
1357	0.0000e+00	0.0000e+00	3.9263e-04	1.3065e-05	-2.3902e-06	0.0000e+00
1358	0.0000e+00	0.0000e+00	9.2311e-04	1.1929e-05	-3.0445e-06	0.0000e+00
1359	0.0000e+00	0.0000e+00	1.3724e-03	8.5779e-06	-3.9126e-06	0.0000e+00
1360	0.0000e+00	0.0000e+00	1.6274e-03	2.9785e-06	-4.9114e-06	0.0000e+00
1361	0.0000e+00	0.0000e+00	1.5900e-03	-4.7687e-06	-5.5657e-06	0.0000e+00
1362	0.0000e+00	0.0000e+00	1.2145e-03	-1.1723e-05	-4.3322e-06	0.0000e+00
1363	0.0000e+00	0.0000e+00	-1.1475e-03	-3.6703e-06	3.3193e-06	0.0000e+00
1364	0.0000e+00	0.0000e+00	-1.0946e-03	4.0821e-06	3.0651e-06	0.0000e+00
1365	0.0000e+00	0.0000e+00	-7.7681e-04	9.2837e-06	2.7208e-06	0.0000e+00
1366	0.0000e+00	0.0000e+00	-3.4826e-04	1.2286e-05	-2.6044e-06	0.0000e+00
1367	0.0000e+00	0.0000e+00	4.7093e-04	1.3179e-05	-2.8520e-06	0.0000e+00
1368	0.0000e+00	0.0000e+00	1.0132e-03	1.1946e-05	-3.3861e-06	0.0000e+00
1369	0.0000e+00	0.0000e+00	1.4933e-03	8.4767e-06	-4.0732e-06	0.0000e+00
1370	0.0000e+00	0.0000e+00	1.7810e-03	2.6660e-06	-4.8192e-06	0.0000e+00
1371	0.0000e+00	0.0000e+00	1.7622e-03	-6.5325e-06	-5.6243e-06	0.0000e+00
1372	0.0000e+00	0.0000e+00	-1.2557e-03	-2.8265e-05	-1.8240e-06	0.0000e+00
1373	0.0000e+00	0.0000e+00	-2.1494e-03	-7.8461e-06	-1.1733e-05	0.0000e+00
1374	0.0000e+00	0.0000e+00	-2.1210e-03	7.5547e-06	-6.6527e-06	0.0000e+00
1375	0.0000e+00	0.0000e+00	-1.6255e-03	1.4468e-05	-3.3775e-06	0.0000e+00
1376	0.0000e+00	0.0000e+00	-9.2061e-04	1.7419e-05	-1.5287e-06	0.0000e+00
1377	0.0000e+00	0.0000e+00	-1.5129e-04	1.8042e-05	1.2007e-06	0.0000e+00
1378	0.0000e+00	0.0000e+00	6.3665e-04	1.6812e-05	2.2956e-06	0.0000e+00
1379	0.0000e+00	0.0000e+00	1.3031e-03	1.3369e-05	4.2222e-06	0.0000e+00
1380	0.0000e+00	0.0000e+00	1.7447e-03	6.2816e-06	7.3523e-06	0.0000e+00
1381	0.0000e+00	0.0000e+00	1.7226e-03	-8.9615e-06	1.1891e-05	0.0000e+00
1382	0.0000e+00	0.0000e+00	8.4414e-04	-2.6892e-05	2.2530e-06	0.0000e+00
1383	0.0000e+00	0.0000e+00	-1.1926e-03	-1.6238e-05	-1.8490e-06	0.0000e+00
1384	0.0000e+00	0.0000e+00	-1.7422e-03	-7.3649e-06	-7.8082e-06	0.0000e+00
1385	0.0000e+00	0.0000e+00	-1.8045e-03	3.9828e-06	-7.2811e-06	0.0000e+00
1386	0.0000e+00	0.0000e+00	-1.4486e-03	1.1518e-05	-4.5711e-06	0.0000e+00
1387	0.0000e+00	0.0000e+00	-8.5071e-04	1.5235e-05	-2.3253e-06	0.0000e+00
1388	0.0000e+00	0.0000e+00	-1.5388e-04	1.6177e-05	-1.8211e-06	0.0000e+00
1389	0.0000e+00	0.0000e+00	5.3446e-04	1.4755e-05	3.2680e-06	0.0000e+00
1390	0.0000e+00	0.0000e+00	1.1036e-03	1.0719e-05	5.4175e-06	0.0000e+00
1391	0.0000e+00	0.0000e+00	1.4240e-03	3.3677e-06	7.6231e-06	0.0000e+00
1392	0.0000e+00	0.0000e+00	1.3435e-03	-7.5908e-06	7.3821e-06	0.0000e+00
1393	0.0000e+00	0.0000e+00	8.3471e-04	-1.4842e-05	1.7234e-06	0.0000e+00
1394	0.0000e+00	0.0000e+00	-1.1384e-03	-1.0533e-05	-1.3193e-06	0.0000e+00
1395	0.0000e+00	0.0000e+00	-1.5030e-03	-5.1915e-06	-3.9289e-06	0.0000e+00
1396	0.0000e+00	0.0000e+00	-1.5597e-03	2.6525e-06	-4.4193e-06	0.0000e+00
1397	0.0000e+00	0.0000e+00	-1.2902e-03	9.2096e-06	-3.3777e-06	0.0000e+00
1398	0.0000e+00	0.0000e+00	-7.9175e-04	1.3078e-05	-2.4717e-06	0.0000e+00
1399	0.0000e+00	0.0000e+00	-2.0169e-04	1.4222e-05	2.6986e-06	0.0000e+00
1400	0.0000e+00	0.0000e+00	4.4075e-04	1.2805e-05	3.7243e-06	0.0000e+00
1401	0.0000e+00	0.0000e+00	9.2146e-04	8.8429e-06	4.9295e-06	0.0000e+00
1402	0.0000e+00	0.0000e+00	1.1803e-03	2.6724e-06	5.6259e-06	0.0000e+00
1403	0.0000e+00	0.0000e+00	1.1386e-03	-4.7580e-06	4.6613e-06	0.0000e+00
1404	0.0000e+00	0.0000e+00	8.3996e-04	-8.8989e-06	-2.4661e-06	0.0000e+00
1405	0.0000e+00	0.0000e+00	-1.1429e-03	-8.4555e-06	2.1504e-06	0.0000e+00
1406	0.0000e+00	0.0000e+00	-1.4316e-03	-4.0896e-06	-2.1956e-06	0.0000e+00
1407	0.0000e+00	0.0000e+00	-1.4736e-03	2.3772e-06	-2.5754e-06	0.0000e+00
1408	0.0000e+00	0.0000e+00	-1.2409e-03	8.1564e-06	-2.9714e-06	0.0000e+00
1409	0.0000e+00	0.0000e+00	-8.0444e-04	1.1865e-05	-3.4193e-06	0.0000e+00
1410	0.0000e+00	0.0000e+00	-3.1919e-04	1.3068e-05	3.9403e-06	0.0000e+00

1411	0.0000e+00	0.0000e+00	4.2538e-04	1.1776e-05	4.4519e-06	0.0000e+00
1412	0.0000e+00	0.0000e+00	8.3536e-04	8.1465e-06	4.8077e-06	0.0000e+00
1413	0.0000e+00	0.0000e+00	1.0760e-03	2.7911e-06	4.8149e-06	0.0000e+00
1414	0.0000e+00	0.0000e+00	1.0755e-03	-3.1629e-06	4.4153e-06	0.0000e+00
1415	0.0000e+00	0.0000e+00	8.7727e-04	-6.5783e-06	-3.9764e-06	0.0000e+00
1416	0.0000e+00	0.0000e+00	-1.2340e-03	-8.8071e-06	4.3377e-06	0.0000e+00
1417	0.0000e+00	0.0000e+00	-1.5283e-03	-4.0938e-06	5.1912e-06	0.0000e+00
1418	0.0000e+00	0.0000e+00	-1.5660e-03	2.6731e-06	5.3306e-06	0.0000e+00
1419	0.0000e+00	0.0000e+00	-1.3359e-03	8.2533e-06	5.2354e-06	0.0000e+00
1420	0.0000e+00	0.0000e+00	-9.2424e-04	1.1802e-05	5.2878e-06	0.0000e+00
1421	0.0000e+00	0.0000e+00	-5.1186e-04	1.2985e-05	5.4782e-06	0.0000e+00
1422	0.0000e+00	0.0000e+00	5.3781e-04	1.1817e-05	-5.7210e-06	0.0000e+00
1423	0.0000e+00	0.0000e+00	8.8226e-04	8.4330e-06	-5.9480e-06	0.0000e+00
1424	0.0000e+00	0.0000e+00	1.1240e-03	3.2552e-06	-6.1227e-06	0.0000e+00
1425	0.0000e+00	0.0000e+00	1.1469e-03	-2.8370e-06	-6.1564e-06	0.0000e+00
1426	0.0000e+00	0.0000e+00	9.7383e-04	-6.7781e-06	-6.1024e-06	0.0000e+00
1427	0.0000e+00	0.0000e+00	-1.4235e-03	-1.1282e-05	6.8873e-06	0.0000e+00
1428	0.0000e+00	0.0000e+00	-1.7883e-03	-4.4718e-06	8.7356e-06	0.0000e+00
1429	0.0000e+00	0.0000e+00	-1.8182e-03	3.6639e-06	8.2729e-06	0.0000e+00
1430	0.0000e+00	0.0000e+00	-1.5643e-03	9.3195e-06	7.5511e-06	0.0000e+00
1431	0.0000e+00	0.0000e+00	-1.1519e-03	1.2705e-05	7.1286e-06	0.0000e+00
1432	0.0000e+00	0.0000e+00	-7.7909e-04	1.3816e-05	7.0376e-06	0.0000e+00
1433	0.0000e+00	0.0000e+00	7.6664e-04	1.2728e-05	-7.2151e-06	0.0000e+00
1434	0.0000e+00	0.0000e+00	1.0593e-03	9.5016e-06	-7.6154e-06	0.0000e+00
1435	0.0000e+00	0.0000e+00	1.3118e-03	4.2380e-06	-8.1937e-06	0.0000e+00
1436	0.0000e+00	0.0000e+00	1.3551e-03	-3.1363e-06	-8.6878e-06	0.0000e+00
1437	0.0000e+00	0.0000e+00	1.1670e-03	-9.1877e-06	-8.8720e-06	0.0000e+00
1438	0.0000e+00	0.0000e+00	-2.1386e-03	-5.7417e-06	9.5737e-06	0.0000e+00
1439	0.0000e+00	0.0000e+00	-2.1448e-03	3.4206e-06	8.9697e-06	0.0000e+00
1440	0.0000e+00	0.0000e+00	-1.8667e-03	9.3459e-06	8.4653e-06	0.0000e+00
1441	0.0000e+00	0.0000e+00	-1.4536e-03	1.2763e-05	8.1619e-06	0.0000e+00
1442	0.0000e+00	0.0000e+00	-1.1079e-03	1.3863e-05	8.1326e-06	0.0000e+00
1443	0.0000e+00	0.0000e+00	1.0760e-03	1.2762e-05	8.4116e-06	0.0000e+00
1444	0.0000e+00	0.0000e+00	1.3265e-03	9.4800e-06	-9.0154e-06	0.0000e+00
1445	0.0000e+00	0.0000e+00	1.5841e-03	4.0544e-06	-9.9794e-06	0.0000e+00
1446	0.0000e+00	0.0000e+00	1.6642e-03	-4.9697e-06	-1.1431e-05	0.0000e+00
1447	0.0000e+00	0.0000e+00	-1.2687e-04	-1.2991e-05	-1.0071e-05	0.0000e+00
1448	0.0000e+00	0.0000e+00	-2.9070e-04	-7.2268e-07	-6.4830e-06	0.0000e+00
1449	0.0000e+00	0.0000e+00	-1.9082e-04	4.6035e-06	-3.4042e-06	0.0000e+00
1450	0.0000e+00	0.0000e+00	5.0218e-05	4.9257e-06	-1.2956e-06	0.0000e+00
1451	0.0000e+00	0.0000e+00	1.5650e-04	2.0236e-06	1.6738e-06	0.0000e+00
1452	0.0000e+00	0.0000e+00	1.1397e-04	-5.0624e-06	3.5125e-06	0.0000e+00
1453	0.0000e+00	0.0000e+00	-3.1470e-04	-1.4972e-05	5.6646e-06	0.0000e+00
1454	0.0000e+00	0.0000e+00	-1.1746e-03	-2.9157e-05	8.1254e-06	0.0000e+00
1455	0.0000e+00	0.0000e+00	-2.7177e-03	-4.9245e-05	1.0359e-05	0.0000e+00
1456	0.0000e+00	0.0000e+00	-5.1777e-03	-7.3181e-05	5.7347e-06	0.0000e+00
1457	0.0000e+00	0.0000e+00	3.3764e-04	-1.0595e-05	-5.8313e-06	0.0000e+00
1458	0.0000e+00	0.0000e+00	1.6933e-04	-3.3458e-06	-6.2798e-06	0.0000e+00
1459	0.0000e+00	0.0000e+00	1.3497e-04	1.6648e-06	-4.0808e-06	0.0000e+00
1460	0.0000e+00	0.0000e+00	1.0906e-04	2.2757e-06	-1.7489e-06	0.0000e+00
1461	0.0000e+00	0.0000e+00	9.6887e-05	-1.6522e-06	2.2617e-06	0.0000e+00
1462	0.0000e+00	0.0000e+00	-7.6429e-05	-7.6562e-06	4.6702e-06	0.0000e+00
1463	0.0000e+00	0.0000e+00	-5.7301e-04	-1.7678e-05	7.2076e-06	0.0000e+00
1464	0.0000e+00	0.0000e+00	-1.5442e-03	-3.1466e-05	9.3534e-06	0.0000e+00
1465	0.0000e+00	0.0000e+00	-3.1296e-03	-4.8203e-05	9.6554e-06	0.0000e+00
1466	0.0000e+00	0.0000e+00	-5.3876e-03	-6.3996e-05	5.9295e-06	0.0000e+00
1467	0.0000e+00	0.0000e+00	5.2340e-04	-7.7102e-06	-3.4871e-06	0.0000e+00
1468	0.0000e+00	0.0000e+00	3.2751e-04	-4.1249e-06	-4.0193e-06	0.0000e+00
1469	0.0000e+00	0.0000e+00	2.4158e-04	-1.6207e-06	-3.0306e-06	0.0000e+00
1470	0.0000e+00	0.0000e+00	1.8341e-04	-1.6319e-06	-2.2012e-06	0.0000e+00
1471	0.0000e+00	0.0000e+00	1.1227e-04	-4.2341e-06	3.4545e-06	0.0000e+00
1472	0.0000e+00	0.0000e+00	-2.9431e-04	-1.0489e-05	5.6544e-06	0.0000e+00
1473	0.0000e+00	0.0000e+00	-8.8995e-04	-2.0174e-05	7.8429e-06	0.0000e+00
1474	0.0000e+00	0.0000e+00	-1.9406e-03	-3.2756e-05	9.4072e-06	0.0000e+00
1475	0.0000e+00	0.0000e+00	-3.5295e-03	-4.6687e-05	9.4508e-06	0.0000e+00
1476	0.0000e+00	0.0000e+00	-5.6506e-03	-5.8682e-05	7.2979e-06	0.0000e+00
1477	0.0000e+00	0.0000e+00	6.4682e-04	-6.4813e-06	-3.8383e-06	0.0000e+00
1478	0.0000e+00	0.0000e+00	4.7424e-04	-4.5851e-06	-3.7403e-06	0.0000e+00
1479	0.0000e+00	0.0000e+00	3.6661e-04	-3.1508e-06	-3.6383e-06	0.0000e+00
1480	0.0000e+00	0.0000e+00	2.8472e-04	-3.6268e-06	4.0128e-06	0.0000e+00
1481	0.0000e+00	0.0000e+00	-2.7343e-04	-6.7152e-06	5.1563e-06	0.0000e+00
1482	0.0000e+00	0.0000e+00	-5.6021e-04	-1.2925e-05	6.7569e-06	0.0000e+00

1483	0.0000e+00	0.0000e+00	-1.2315e-03	-2.2166e-05	8.3488e-06	0.0000e+00
1484	0.0000e+00	0.0000e+00	-2.3397e-03	-3.3761e-05	9.5078e-06	0.0000e+00
1485	0.0000e+00	0.0000e+00	-3.9375e-03	-4.6083e-05	9.8868e-06	0.0000e+00
1486	0.0000e+00	0.0000e+00	-5.9957e-03	-5.6190e-05	9.2115e-06	0.0000e+00
1487	0.0000e+00	0.0000e+00	7.7126e-04	-6.8478e-06	6.2500e-06	0.0000e+00
1488	0.0000e+00	0.0000e+00	6.2629e-04	-5.2252e-06	6.2853e-06	0.0000e+00
1489	0.0000e+00	0.0000e+00	5.3285e-04	-4.3025e-06	6.2355e-06	0.0000e+00
1490	0.0000e+00	0.0000e+00	4.7525e-04	-5.2539e-06	6.4460e-06	0.0000e+00
1491	0.0000e+00	0.0000e+00	-5.3383e-04	-8.6275e-06	7.0935e-06	0.0000e+00
1492	0.0000e+00	0.0000e+00	-8.7749e-04	-1.4797e-05	8.0734e-06	0.0000e+00
1493	0.0000e+00	0.0000e+00	-1.5967e-03	-2.3689e-05	9.0921e-06	0.0000e+00
1494	0.0000e+00	0.0000e+00	-2.7456e-03	-3.4740e-05	9.8972e-06	0.0000e+00
1495	0.0000e+00	0.0000e+00	-4.3669e-03	-4.6520e-05	1.0556e-05	0.0000e+00
1496	0.0000e+00	0.0000e+00	-6.4297e-03	-5.6058e-05	1.1146e-05	0.0000e+00
1497	0.0000e+00	0.0000e+00	9.8038e-04	-8.1672e-06	9.6438e-06	0.0000e+00
1498	0.0000e+00	0.0000e+00	8.7937e-04	-5.6631e-06	9.3739e-06	0.0000e+00
1499	0.0000e+00	0.0000e+00	8.1246e-04	-5.0036e-06	8.8641e-06	0.0000e+00
1500	0.0000e+00	0.0000e+00	-7.8277e-04	-6.3490e-06	8.6533e-06	0.0000e+00
1501	0.0000e+00	0.0000e+00	-8.8064e-04	-9.9641e-06	8.8668e-06	0.0000e+00
1502	0.0000e+00	0.0000e+00	-1.2512e-03	-1.6114e-05	9.4124e-06	0.0000e+00
1503	0.0000e+00	0.0000e+00	-1.9935e-03	-2.4729e-05	1.0056e-05	0.0000e+00
1504	0.0000e+00	0.0000e+00	-3.1648e-03	-3.5474e-05	1.0580e-05	0.0000e+00
1505	0.0000e+00	0.0000e+00	-4.8131e-03	-4.7533e-05	1.1153e-05	0.0000e+00
1506	0.0000e+00	0.0000e+00	-6.9365e-03	-5.8180e-05	1.2642e-05	0.0000e+00
1507	0.0000e+00	0.0000e+00	1.3570e-03	-1.0176e-05	1.2122e-05	0.0000e+00
1508	0.0000e+00	0.0000e+00	1.2735e-03	-7.1317e-06	1.1055e-05	0.0000e+00
1509	0.0000e+00	0.0000e+00	-1.2054e-03	-6.6168e-06	1.0336e-05	0.0000e+00
1510	0.0000e+00	0.0000e+00	-1.1806e-03	-8.1715e-06	9.9698e-06	0.0000e+00
1511	0.0000e+00	0.0000e+00	-1.2917e-03	-1.1932e-05	9.9466e-06	0.0000e+00
1512	0.0000e+00	0.0000e+00	-1.6707e-03	-1.8053e-05	1.0219e-05	0.0000e+00
1513	0.0000e+00	0.0000e+00	-2.4210e-03	-2.6446e-05	1.0714e-05	0.0000e+00
1514	0.0000e+00	0.0000e+00	-3.6043e-03	-3.6905e-05	1.1389e-05	0.0000e+00
1515	0.0000e+00	0.0000e+00	-5.2721e-03	-4.9197e-05	1.2301e-05	0.0000e+00
1516	0.0000e+00	0.0000e+00	2.9790e-04	-1.5849e-05	-9.9488e-06	0.0000e+00
1517	0.0000e+00	0.0000e+00	-1.0092e-04	-2.9717e-06	-6.1422e-06	0.0000e+00
1518	0.0000e+00	0.0000e+00	-1.0875e-04	2.0210e-06	-2.4613e-06	0.0000e+00
1519	0.0000e+00	0.0000e+00	8.8093e-05	2.1029e-06	1.8066e-06	0.0000e+00
1520	0.0000e+00	0.0000e+00	7.4374e-05	-2.7744e-06	5.3084e-06	0.0000e+00
1521	0.0000e+00	0.0000e+00	-3.1183e-04	-1.5435e-05	9.1172e-06	0.0000e+00
1522	0.0000e+00	0.0000e+00	5.7481e-04	-1.3202e-05	-4.5754e-06	0.0000e+00
1523	0.0000e+00	0.0000e+00	1.9118e-04	-6.3964e-06	-4.9680e-06	0.0000e+00
1524	0.0000e+00	0.0000e+00	5.1150e-05	-2.1094e-06	-2.3462e-06	0.0000e+00
1525	0.0000e+00	0.0000e+00	-5.2162e-05	-2.0524e-06	1.7697e-06	0.0000e+00
1526	0.0000e+00	0.0000e+00	-1.9001e-04	-6.2288e-06	4.3698e-06	0.0000e+00
1527	0.0000e+00	0.0000e+00	-5.6760e-04	-1.3054e-05	4.1438e-06	0.0000e+00
1528	0.0000e+00	0.0000e+00	7.0466e-04	-1.0330e-05	-2.3892e-06	0.0000e+00
1529	0.0000e+00	0.0000e+00	3.4723e-04	-7.3797e-06	-3.0259e-06	0.0000e+00
1530	0.0000e+00	0.0000e+00	1.0764e-04	-4.9773e-06	-1.9344e-06	0.0000e+00
1531	0.0000e+00	0.0000e+00	-8.2936e-05	-4.9606e-06	1.4376e-06	0.0000e+00
1532	0.0000e+00	0.0000e+00	-3.2128e-04	-7.3532e-06	2.3802e-06	0.0000e+00
1533	0.0000e+00	0.0000e+00	-6.7862e-04	-1.0371e-05	1.8611e-06	0.0000e+00
1534	0.0000e+00	0.0000e+00	7.8236e-04	-9.1249e-06	-2.4557e-06	0.0000e+00
1535	0.0000e+00	0.0000e+00	4.4445e-04	-7.7368e-06	-2.5666e-06	0.0000e+00
1536	0.0000e+00	0.0000e+00	1.7867e-04	-6.3700e-06	-2.2977e-06	0.0000e+00
1537	0.0000e+00	0.0000e+00	-1.2313e-04	-6.4053e-06	1.9939e-06	0.0000e+00
1538	0.0000e+00	0.0000e+00	-3.8131e-04	-7.8470e-06	1.8802e-06	0.0000e+00
1539	0.0000e+00	0.0000e+00	-7.2420e-04	-9.3170e-06	1.7025e-06	0.0000e+00
1540	0.0000e+00	0.0000e+00	8.6691e-04	-9.4132e-06	-3.6798e-06	0.0000e+00
1541	0.0000e+00	0.0000e+00	5.3187e-04	-8.0043e-06	-3.5368e-06	0.0000e+00
1542	0.0000e+00	0.0000e+00	2.8257e-04	-6.7700e-06	3.4572e-06	0.0000e+00
1543	0.0000e+00	0.0000e+00	-2.0442e-04	-6.8516e-06	3.3181e-06	0.0000e+00
1544	0.0000e+00	0.0000e+00	-4.0828e-04	-8.2416e-06	3.0937e-06	0.0000e+00
1545	0.0000e+00	0.0000e+00	-7.4710e-04	-9.7588e-06	2.7487e-06	0.0000e+00
1546	0.0000e+00	0.0000e+00	9.9036e-04	-1.0626e-05	5.5327e-06	0.0000e+00
1547	0.0000e+00	0.0000e+00	6.6124e-04	-7.9659e-06	5.2627e-06	0.0000e+00
1548	0.0000e+00	0.0000e+00	4.5184e-04	-6.4641e-06	5.0584e-06	0.0000e+00
1549	0.0000e+00	0.0000e+00	-3.6327e-04	-6.5652e-06	-4.9432e-06	0.0000e+00
1550	0.0000e+00	0.0000e+00	-4.6067e-04	-8.2793e-06	-4.8781e-06	0.0000e+00
1551	0.0000e+00	0.0000e+00	-7.6586e-04	-1.1147e-05	-4.5587e-06	0.0000e+00
1552	0.0000e+00	0.0000e+00	1.2114e-03	-1.2569e-05	-8.4926e-06	0.0000e+00
1553	0.0000e+00	0.0000e+00	8.9161e-04	-8.9133e-06	-7.3464e-06	0.0000e+00
1554	0.0000e+00	0.0000e+00	7.0015e-04	-7.1613e-06	-6.6574e-06	0.0000e+00



1555	0.0000e+00	0.0000e+00	-6.0040e-04	-7.2065e-06	6.2818e-06	0.0000e+00
1556	0.0000e+00	0.0000e+00	-6.1770e-04	-9.0700e-06	6.1542e-06	0.0000e+00
1557	0.0000e+00	0.0000e+00	-8.3838e-04	-1.2890e-05	6.2766e-06	0.0000e+00
1558	0.0000e+00	0.0000e+00	3.1135e-04	-1.5431e-05	-9.1286e-06	0.0000e+00
1559	0.0000e+00	0.0000e+00	-7.6830e-05	-2.7703e-06	-5.3201e-06	0.0000e+00
1560	0.0000e+00	0.0000e+00	-9.0418e-05	2.1067e-06	-1.8183e-06	0.0000e+00
1561	0.0000e+00	0.0000e+00	1.1027e-04	2.0256e-06	2.4553e-06	0.0000e+00
1562	0.0000e+00	0.0000e+00	1.0236e-04	-2.9677e-06	6.1348e-06	0.0000e+00
1563	0.0000e+00	0.0000e+00	-2.9821e-04	-1.5846e-05	9.9421e-06	0.0000e+00
1564	0.0000e+00	0.0000e+00	5.6736e-04	-1.3051e-05	-4.1612e-06	0.0000e+00
1565	0.0000e+00	0.0000e+00	1.9016e-04	-6.2249e-06	-4.3876e-06	0.0000e+00
1566	0.0000e+00	0.0000e+00	5.3552e-05	-2.0481e-06	-1.7888e-06	0.0000e+00
1567	0.0000e+00	0.0000e+00	-5.2381e-05	-2.1054e-06	2.3380e-06	0.0000e+00
1568	0.0000e+00	0.0000e+00	-1.9108e-04	-6.3931e-06	4.9562e-06	0.0000e+00
1569	0.0000e+00	0.0000e+00	-5.7436e-04	-1.3199e-05	4.5642e-06	0.0000e+00
1570	0.0000e+00	0.0000e+00	6.7907e-04	-1.0368e-05	-1.8845e-06	0.0000e+00
1571	0.0000e+00	0.0000e+00	3.2186e-04	-7.3492e-06	-2.4042e-06	0.0000e+00
1572	0.0000e+00	0.0000e+00	8.3556e-05	-4.9565e-06	-1.4598e-06	0.0000e+00
1573	0.0000e+00	0.0000e+00	-1.0656e-04	-4.9736e-06	1.9311e-06	0.0000e+00
1574	0.0000e+00	0.0000e+00	-3.4609e-04	-7.3769e-06	3.0156e-06	0.0000e+00
1575	0.0000e+00	0.0000e+00	-7.0343e-04	-1.0328e-05	2.3824e-06	0.0000e+00
1576	0.0000e+00	0.0000e+00	7.2552e-04	-9.3127e-06	-1.7230e-06	0.0000e+00
1577	0.0000e+00	0.0000e+00	3.8270e-04	-7.8429e-06	-1.9012e-06	0.0000e+00
1578	0.0000e+00	0.0000e+00	1.2403e-04	-6.4012e-06	-2.0098e-06	0.0000e+00
1579	0.0000e+00	0.0000e+00	-1.7683e-04	-6.3663e-06	2.3059e-06	0.0000e+00
1580	0.0000e+00	0.0000e+00	-4.4246e-04	-7.7341e-06	2.5715e-06	0.0000e+00
1581	0.0000e+00	0.0000e+00	-7.8032e-04	-9.1242e-06	2.4648e-06	0.0000e+00
1582	0.0000e+00	0.0000e+00	7.4941e-04	-9.7540e-06	-2.7622e-06	0.0000e+00
1583	0.0000e+00	0.0000e+00	4.1058e-04	-8.2373e-06	-3.1044e-06	0.0000e+00
1584	0.0000e+00	0.0000e+00	2.0555e-04	-6.8474e-06	-3.3308e-06	0.0000e+00
1585	0.0000e+00	0.0000e+00	-2.8094e-04	-6.7661e-06	-3.4734e-06	0.0000e+00
1586	0.0000e+00	0.0000e+00	-5.2949e-04	-8.0014e-06	3.5571e-06	0.0000e+00
1587	0.0000e+00	0.0000e+00	-8.6433e-04	-9.4130e-06	3.7015e-06	0.0000e+00
1588	0.0000e+00	0.0000e+00	7.6916e-04	-1.1142e-05	4.5671e-06	0.0000e+00
1589	0.0000e+00	0.0000e+00	4.6363e-04	-8.2749e-06	4.8872e-06	0.0000e+00
1590	0.0000e+00	0.0000e+00	3.6455e-04	-6.5611e-06	4.9573e-06	0.0000e+00
1591	0.0000e+00	0.0000e+00	-4.5114e-04	-6.4605e-06	-5.0787e-06	0.0000e+00
1592	0.0000e+00	0.0000e+00	-6.5942e-04	-7.9633e-06	-5.2899e-06	0.0000e+00
1593	0.0000e+00	0.0000e+00	-9.8798e-04	-1.0626e-05	-5.5646e-06	0.0000e+00
1594	0.0000e+00	0.0000e+00	8.4236e-04	-1.2884e-05	-6.2912e-06	0.0000e+00
1595	0.0000e+00	0.0000e+00	6.2085e-04	-9.0649e-06	-6.1701e-06	0.0000e+00
1596	0.0000e+00	0.0000e+00	6.0209e-04	-7.2030e-06	-6.3003e-06	0.0000e+00
1597	0.0000e+00	0.0000e+00	-7.0060e-04	-7.1597e-06	6.6793e-06	0.0000e+00
1598	0.0000e+00	0.0000e+00	-8.9116e-04	-8.9142e-06	7.3723e-06	0.0000e+00
1599	0.0000e+00	0.0000e+00	-1.2103e-03	-1.2573e-05	8.5225e-06	0.0000e+00
1600	0.0000e+00	0.0000e+00	-3.2305e-04	-1.1083e-05	-1.0683e-05	0.0000e+00
1601	0.0000e+00	0.0000e+00	-4.7313e-04	2.7889e-06	-6.4326e-06	0.0000e+00
1602	0.0000e+00	0.0000e+00	-2.0158e-04	9.1100e-06	-3.1127e-06	0.0000e+00
1603	0.0000e+00	0.0000e+00	2.5085e-04	1.1221e-05	-3.9318e-07	0.0000e+00
1604	0.0000e+00	0.0000e+00	7.1679e-04	9.7924e-06	2.4453e-06	0.0000e+00
1605	0.0000e+00	0.0000e+00	1.0287e-03	3.9021e-06	6.0423e-06	0.0000e+00
1606	0.0000e+00	0.0000e+00	9.2492e-04	-1.0172e-05	1.0824e-05	0.0000e+00
1607	0.0000e+00	0.0000e+00	-1.1213e-06	-2.7512e-05	-1.0210e-08	0.0000e+00
1608	0.0000e+00	0.0000e+00	2.3813e-05	-9.5133e-06	-6.2623e-06	0.0000e+00
1609	0.0000e+00	0.0000e+00	-1.8345e-04	-3.2359e-07	-6.4041e-06	0.0000e+00
1610	0.0000e+00	0.0000e+00	-4.8751e-05	5.8559e-06	-3.6877e-06	0.0000e+00
1611	0.0000e+00	0.0000e+00	2.6743e-04	8.0181e-06	-4.5226e-07	0.0000e+00
1612	0.0000e+00	0.0000e+00	5.9277e-04	6.3195e-06	2.9376e-06	0.0000e+00
1613	0.0000e+00	0.0000e+00	7.5418e-04	3.6248e-07	6.0002e-06	0.0000e+00
1614	0.0000e+00	0.0000e+00	5.7230e-04	-9.1298e-06	6.3447e-06	0.0000e+00
1615	0.0000e+00	0.0000e+00	-6.6421e-07	-1.5597e-05	-1.0834e-08	0.0000e+00
1616	0.0000e+00	0.0000e+00	2.2185e-04	-6.6990e-06	-3.4992e-06	0.0000e+00
1617	0.0000e+00	0.0000e+00	4.4222e-05	-1.2899e-06	-4.3006e-06	0.0000e+00
1618	0.0000e+00	0.0000e+00	9.6138e-05	3.2857e-06	-2.9421e-06	0.0000e+00
1619	0.0000e+00	0.0000e+00	2.9030e-04	5.0634e-06	-6.8031e-07	0.0000e+00
1620	0.0000e+00	0.0000e+00	4.8989e-04	3.5186e-06	1.7350e-06	0.0000e+00
1621	0.0000e+00	0.0000e+00	5.5349e-04	-1.0300e-06	3.4052e-06	0.0000e+00
1622	0.0000e+00	0.0000e+00	3.8112e-04	-6.7685e-06	3.0410e-06	0.0000e+00
1623	0.0000e+00	0.0000e+00	-2.3758e-07	-9.7428e-06	-1.0920e-08	0.0000e+00
1624	0.0000e+00	0.0000e+00	3.3362e-04	-5.1619e-06	-1.9385e-06	0.0000e+00
1625	0.0000e+00	0.0000e+00	1.8469e-04	-1.4717e-06	-2.3940e-06	0.0000e+00
1626	0.0000e+00	0.0000e+00	2.0069e-04	1.9646e-06	-1.9893e-06	0.0000e+00

1627	0.0000e+00	0.0000e+00	3.2584e-04	3.3256e-06	-1.0341e-06	0.0000e+00
1628	0.0000e+00	0.0000e+00	4.5212e-04	1.9979e-06	2.0831e-07	0.0000e+00
1629	0.0000e+00	0.0000e+00	4.6750e-04	-1.5758e-06	7.4332e-07	0.0000e+00
1630	0.0000e+00	0.0000e+00	3.0547e-04	-5.6930e-06	6.8336e-07	0.0000e+00
1631	0.0000e+00	0.0000e+00	-3.5314e-07	-7.6293e-06	-1.0674e-08	0.0000e+00
1632	0.0000e+00	0.0000e+00	3.9304e-04	-4.8869e-06	-1.0908e-06	0.0000e+00
1633	0.0000e+00	0.0000e+00	2.5583e-04	-1.3355e-06	-1.1472e-06	0.0000e+00
1634	0.0000e+00	0.0000e+00	2.6938e-04	1.7337e-06	-1.3531e-06	0.0000e+00
1635	0.0000e+00	0.0000e+00	3.7698e-04	2.8563e-06	-1.4090e-06	0.0000e+00
1636	0.0000e+00	0.0000e+00	4.8253e-04	1.6055e-06	-1.4100e-06	0.0000e+00
1637	0.0000e+00	0.0000e+00	4.8536e-04	-1.7612e-06	-1.4719e-06	0.0000e+00
1638	0.0000e+00	0.0000e+00	3.1747e-04	-5.8845e-06	-1.2135e-06	0.0000e+00
1639	0.0000e+00	0.0000e+00	7.7486e-07	-8.0231e-06	-9.6996e-09	0.0000e+00
1640	0.0000e+00	0.0000e+00	4.1332e-04	-5.2396e-06	1.3644e-06	0.0000e+00
1641	0.0000e+00	0.0000e+00	2.8388e-04	-7.2183e-07	1.1480e-06	0.0000e+00
1642	0.0000e+00	0.0000e+00	3.1794e-04	2.3728e-06	-1.2740e-06	0.0000e+00
1643	0.0000e+00	0.0000e+00	4.4129e-04	3.3564e-06	-1.6642e-06	0.0000e+00
1644	0.0000e+00	0.0000e+00	5.6121e-04	2.1244e-06	-2.1370e-06	0.0000e+00
1645	0.0000e+00	0.0000e+00	5.7862e-04	-1.3863e-06	-2.6795e-06	0.0000e+00
1646	0.0000e+00	0.0000e+00	4.0236e-04	-6.6480e-06	-2.7927e-06	0.0000e+00
1647	0.0000e+00	0.0000e+00	1.1425e-06	-1.0535e-05	-6.1656e-09	0.0000e+00
1648	0.0000e+00	0.0000e+00	4.4456e-04	-6.4409e-06	-2.3638e-06	0.0000e+00
1649	0.0000e+00	0.0000e+00	3.2406e-04	-1.1772e-06	-1.8674e-06	0.0000e+00
1650	0.0000e+00	0.0000e+00	3.7114e-04	2.1273e-06	-1.6564e-06	0.0000e+00
1651	0.0000e+00	0.0000e+00	5.0893e-04	3.0078e-06	-1.6250e-06	0.0000e+00
1652	0.0000e+00	0.0000e+00	6.4441e-04	1.7176e-06	-1.6484e-06	0.0000e+00
1653	0.0000e+00	0.0000e+00	6.7600e-04	-2.1026e-06	-1.5553e-06	0.0000e+00
1654	0.0000e+00	0.0000e+00	4.9784e-04	-8.3425e-06	-1.0831e-06	0.0000e+00
1655	0.0000e+00	0.0000e+00	-9.2576e-04	-1.0171e-05	-1.0832e-05	0.0000e+00
1656	0.0000e+00	0.0000e+00	-1.0296e-03	3.9018e-06	-6.0505e-06	0.0000e+00
1657	0.0000e+00	0.0000e+00	-7.1768e-04	9.7920e-06	-2.4542e-06	0.0000e+00
1658	0.0000e+00	0.0000e+00	-2.5183e-04	1.1221e-05	3.8856e-07	0.0000e+00
1659	0.0000e+00	0.0000e+00	2.0084e-04	9.1096e-06	3.1047e-06	0.0000e+00
1660	0.0000e+00	0.0000e+00	4.7228e-04	2.7882e-06	6.4245e-06	0.0000e+00
1661	0.0000e+00	0.0000e+00	3.2217e-04	-1.1084e-05	1.0675e-05	0.0000e+00
1662	0.0000e+00	0.0000e+00	-5.7277e-04	-9.1296e-06	-6.3540e-06	0.0000e+00
1663	0.0000e+00	0.0000e+00	-7.5465e-04	3.6252e-07	-6.0094e-06	0.0000e+00
1664	0.0000e+00	0.0000e+00	-5.9326e-04	6.3193e-06	-2.9472e-06	0.0000e+00
1665	0.0000e+00	0.0000e+00	-2.6795e-04	8.0179e-06	4.4654e-07	0.0000e+00
1666	0.0000e+00	0.0000e+00	4.8502e-05	5.8556e-06	3.6786e-06	0.0000e+00
1667	0.0000e+00	0.0000e+00	1.8299e-04	-3.2419e-07	6.3946e-06	0.0000e+00
1668	0.0000e+00	0.0000e+00	-2.4603e-05	-9.5143e-06	6.2522e-06	0.0000e+00
1669	0.0000e+00	0.0000e+00	-3.8117e-04	-6.7686e-06	-3.0508e-06	0.0000e+00
1670	0.0000e+00	0.0000e+00	-5.5355e-04	-1.0302e-06	-3.4149e-06	0.0000e+00
1671	0.0000e+00	0.0000e+00	-4.8996e-04	3.5185e-06	-1.7451e-06	0.0000e+00
1672	0.0000e+00	0.0000e+00	-2.9037e-04	5.0634e-06	6.7355e-07	0.0000e+00
1673	0.0000e+00	0.0000e+00	-9.6221e-05	3.2857e-06	2.9329e-06	0.0000e+00
1674	0.0000e+00	0.0000e+00	-4.4302e-05	-1.2901e-06	4.2906e-06	0.0000e+00
1675	0.0000e+00	0.0000e+00	-2.2193e-04	-6.6995e-06	3.4886e-06	0.0000e+00
1676	0.0000e+00	0.0000e+00	-3.0510e-04	-5.6933e-06	-6.9345e-07	0.0000e+00
1677	0.0000e+00	0.0000e+00	-4.6715e-04	-1.5762e-06	-7.5365e-07	0.0000e+00
1678	0.0000e+00	0.0000e+00	-4.5178e-04	1.9977e-06	-2.1842e-07	0.0000e+00
1679	0.0000e+00	0.0000e+00	-3.2549e-04	3.3259e-06	1.0274e-06	0.0000e+00
1680	0.0000e+00	0.0000e+00	-2.0032e-04	1.9651e-06	1.9812e-06	0.0000e+00
1681	0.0000e+00	0.0000e+00	-1.8430e-04	-1.4712e-06	2.3850e-06	0.0000e+00
1682	0.0000e+00	0.0000e+00	-3.3321e-04	-5.1617e-06	1.9292e-06	0.0000e+00
1683	0.0000e+00	0.0000e+00	-3.1671e-04	-5.8852e-06	1.2054e-06	0.0000e+00
1684	0.0000e+00	0.0000e+00	-4.8463e-04	-1.7618e-06	1.4646e-06	0.0000e+00
1685	0.0000e+00	0.0000e+00	-4.8182e-04	1.6055e-06	1.4035e-06	0.0000e+00
1686	0.0000e+00	0.0000e+00	-3.7626e-04	2.8569e-06	1.4031e-06	0.0000e+00
1687	0.0000e+00	0.0000e+00	-2.6863e-04	1.7350e-06	1.3480e-06	0.0000e+00
1688	0.0000e+00	0.0000e+00	-2.5503e-04	-1.3341e-06	1.1440e-06	0.0000e+00
1689	0.0000e+00	0.0000e+00	-3.9218e-04	-4.8857e-06	1.0886e-06	0.0000e+00
1690	0.0000e+00	0.0000e+00	-4.0129e-04	-6.6491e-06	2.7870e-06	0.0000e+00
1691	0.0000e+00	0.0000e+00	-5.7759e-04	-1.3870e-06	2.6739e-06	0.0000e+00
1692	0.0000e+00	0.0000e+00	-5.6019e-04	2.1248e-06	2.1316e-06	0.0000e+00
1693	0.0000e+00	0.0000e+00	-4.4027e-04	3.3576e-06	1.6599e-06	0.0000e+00
1694	0.0000e+00	0.0000e+00	-3.1692e-04	2.3749e-06	1.2727e-06	0.0000e+00
1695	0.0000e+00	0.0000e+00	-2.8283e-04	-7.2005e-07	-1.1531e-06	0.0000e+00
1696	0.0000e+00	0.0000e+00	-4.1214e-04	-5.2372e-06	-1.3728e-06	0.0000e+00
1697	0.0000e+00	0.0000e+00	-4.9662e-04	-8.3426e-06	1.0819e-06	0.0000e+00
1698	0.0000e+00	0.0000e+00	-6.7478e-04	-2.1026e-06	1.5528e-06	0.0000e+00

1699	0.0000e+00	0.0000e+00	-6.4320e-04	1.7192e-06	1.6455e-06	0.0000e+00
1700	0.0000e+00	0.0000e+00	-5.0771e-04	3.0098e-06	1.6228e-06	0.0000e+00
1701	0.0000e+00	0.0000e+00	-3.6999e-04	2.1300e-06	1.6558e-06	0.0000e+00
1702	0.0000e+00	0.0000e+00	-3.2300e-04	-1.1758e-06	1.8684e-06	0.0000e+00
1703	0.0000e+00	0.0000e+00	-4.4334e-04	-6.4388e-06	2.3656e-06	0.0000e+00
1704	0.0000e+00	0.0000e+00	8.4251e-03	-7.0875e-05	4.9660e-06	0.0000e+00
1705	0.0000e+00	0.0000e+00	8.2964e-03	-6.5082e-05	2.4457e-06	0.0000e+00
1706	0.0000e+00	0.0000e+00	8.3205e-03	-6.0005e-05	-3.2387e-06	0.0000e+00
1707	0.0000e+00	0.0000e+00	8.5399e-03	-5.7226e-05	-7.6846e-06	0.0000e+00
1708	0.0000e+00	0.0000e+00	8.9508e-03	-5.6650e-05	-1.2022e-05	0.0000e+00
1709	0.0000e+00	0.0000e+00	9.5188e-03	-5.7565e-05	-1.5323e-05	0.0000e+00
1710	0.0000e+00	0.0000e+00	-8.4348e-03	-7.0926e-05	-4.7746e-06	0.0000e+00
1711	0.0000e+00	0.0000e+00	-8.3096e-03	-6.5142e-05	-2.1763e-06	0.0000e+00
1712	0.0000e+00	0.0000e+00	-8.3380e-03	-6.0076e-05	3.1891e-06	0.0000e+00
1713	0.0000e+00	0.0000e+00	-8.5620e-03	-5.7307e-05	7.7088e-06	0.0000e+00
1714	0.0000e+00	0.0000e+00	-8.9773e-03	-5.6741e-05	1.2041e-05	0.0000e+00
1715	0.0000e+00	0.0000e+00	-9.5488e-03	-5.7663e-05	1.5314e-05	0.0000e+00
1716	0.0000e+00	0.0000e+00	-8.7994e-03	-5.1025e-05	-2.3456e-05	0.0000e+00
1717	0.0000e+00	0.0000e+00	-7.9092e-03	-4.7719e-05	-2.0704e-05	0.0000e+00
1718	0.0000e+00	0.0000e+00	-7.1857e-03	-4.5255e-05	-1.6519e-05	0.0000e+00
1719	0.0000e+00	0.0000e+00	-6.6832e-03	-4.4334e-05	-1.1968e-05	0.0000e+00
1720	0.0000e+00	0.0000e+00	-6.4268e-03	-4.5176e-05	-8.2199e-06	0.0000e+00
1721	0.0000e+00	0.0000e+00	-6.4260e-03	-4.8001e-05	7.6121e-06	0.0000e+00
1722	0.0000e+00	0.0000e+00	-6.6784e-03	-5.3058e-05	1.0751e-05	0.0000e+00
1723	0.0000e+00	0.0000e+00	-7.1699e-03	-6.0448e-05	1.5113e-05	0.0000e+00
1724	0.0000e+00	0.0000e+00	-7.8505e-03	-6.8650e-05	1.8213e-05	0.0000e+00
1725	0.0000e+00	0.0000e+00	8.7061e-03	-5.0973e-05	2.2817e-05	0.0000e+00
1726	0.0000e+00	0.0000e+00	7.8400e-03	-4.7662e-05	2.0111e-05	0.0000e+00
1727	0.0000e+00	0.0000e+00	7.1369e-03	-4.5197e-05	1.5984e-05	0.0000e+00
1728	0.0000e+00	0.0000e+00	6.6506e-03	-4.4279e-05	1.1498e-05	0.0000e+00
1729	0.0000e+00	0.0000e+00	6.4061e-03	-4.5126e-05	7.8418e-06	0.0000e+00
1730	0.0000e+00	0.0000e+00	6.4131e-03	-4.7955e-05	-7.4291e-06	0.0000e+00
1731	0.0000e+00	0.0000e+00	6.6701e-03	-5.3017e-05	-1.0705e-05	0.0000e+00
1732	0.0000e+00	0.0000e+00	7.1637e-03	-6.0409e-05	-1.5101e-05	0.0000e+00
1733	0.0000e+00	0.0000e+00	7.8444e-03	-6.8610e-05	-1.8202e-05	0.0000e+00
1734	0.0000e+00	0.0000e+00	5.7523e-03	-4.9324e-05	-1.2258e-05	0.0000e+00
1735	0.0000e+00	0.0000e+00	4.0646e-03	-3.7036e-05	-1.1360e-05	0.0000e+00
1736	0.0000e+00	0.0000e+00	2.8744e-03	-2.6352e-05	-1.0630e-05	0.0000e+00
1737	0.0000e+00	0.0000e+00	2.1270e-03	-1.7850e-05	-1.0168e-05	0.0000e+00
1738	0.0000e+00	0.0000e+00	1.7475e-03	-1.1721e-05	-9.9433e-06	0.0000e+00
1739	0.0000e+00	0.0000e+00	1.6273e-03	-8.0784e-06	-9.9608e-06	0.0000e+00
1740	0.0000e+00	0.0000e+00	1.6468e-03	-6.7486e-06	-1.0216e-05	0.0000e+00
1741	0.0000e+00	0.0000e+00	-1.7197e-03	-7.4127e-06	-1.0644e-05	0.0000e+00
1742	0.0000e+00	0.0000e+00	-1.8091e-03	-1.0207e-05	-1.1003e-05	0.0000e+00
1743	0.0000e+00	0.0000e+00	-1.9793e-03	-5.4685e-06	-1.1379e-05	0.0000e+00
1744	0.0000e+00	0.0000e+00	-1.8676e-03	5.1822e-06	-1.0084e-05	0.0000e+00
1745	0.0000e+00	0.0000e+00	-1.6171e-03	1.0699e-05	-9.0684e-06	0.0000e+00
1746	0.0000e+00	0.0000e+00	-1.4024e-03	1.4153e-05	-8.4139e-06	0.0000e+00
1747	0.0000e+00	0.0000e+00	1.4492e-03	1.5355e-05	-8.0857e-06	0.0000e+00
1748	0.0000e+00	0.0000e+00	1.7770e-03	1.4288e-05	-8.0428e-06	0.0000e+00
1749	0.0000e+00	0.0000e+00	2.1815e-03	1.0792e-05	-8.2074e-06	0.0000e+00
1750	0.0000e+00	0.0000e+00	2.4597e-03	4.5465e-06	-8.4298e-06	0.0000e+00
1751	0.0000e+00	0.0000e+00	2.4496e-03	-4.7121e-06	-8.4507e-06	0.0000e+00
1752	0.0000e+00	0.0000e+00	5.9535e-03	-4.6887e-05	1.5360e-05	0.0000e+00
1753	0.0000e+00	0.0000e+00	4.4118e-03	-3.6380e-05	1.4009e-05	0.0000e+00
1754	0.0000e+00	0.0000e+00	3.2257e-03	-2.7571e-05	1.2383e-05	0.0000e+00
1755	0.0000e+00	0.0000e+00	2.3180e-03	-2.0856e-05	1.0830e-05	0.0000e+00
1756	0.0000e+00	0.0000e+00	1.6156e-03	-1.6087e-05	9.4324e-06	0.0000e+00
1757	0.0000e+00	0.0000e+00	1.0662e-03	-1.2807e-05	8.2389e-06	0.0000e+00
1758	0.0000e+00	0.0000e+00	6.4953e-04	-1.0512e-05	7.3131e-06	0.0000e+00
1759	0.0000e+00	0.0000e+00	-4.2664e-04	-9.4615e-06	6.7949e-06	0.0000e+00
1760	0.0000e+00	0.0000e+00	-5.8335e-04	-1.1109e-05	6.8262e-06	0.0000e+00
1761	0.0000e+00	0.0000e+00	-1.3848e-03	-4.2901e-06	5.4514e-06	0.0000e+00
1762	0.0000e+00	0.0000e+00	-1.3597e-03	5.5107e-06	-4.2708e-06	0.0000e+00
1763	0.0000e+00	0.0000e+00	-1.0283e-03	1.1292e-05	-3.1835e-06	0.0000e+00
1764	0.0000e+00	0.0000e+00	-5.6941e-04	1.4674e-05	2.3341e-06	0.0000e+00
1765	0.0000e+00	0.0000e+00	5.3045e-04	1.5743e-05	2.1130e-06	0.0000e+00
1766	0.0000e+00	0.0000e+00	1.0576e-03	1.4535e-05	2.5703e-06	0.0000e+00
1767	0.0000e+00	0.0000e+00	1.5796e-03	1.0911e-05	3.1427e-06	0.0000e+00
1768	0.0000e+00	0.0000e+00	1.9002e-03	4.6708e-06	3.3753e-06	0.0000e+00
1769	0.0000e+00	0.0000e+00	1.8776e-03	-5.2984e-06	3.1848e-06	0.0000e+00
1770	0.0000e+00	0.0000e+00	-1.8144e-03	-5.7311e-06	-3.2888e-06	0.0000e+00

1771	0.0000e+00	0.0000e+00	-1.8667e-03	3.4989e-06	-3.8764e-06	0.0000e+00
1772	0.0000e+00	0.0000e+00	-1.5766e-03	9.7448e-06	-3.6012e-06	0.0000e+00
1773	0.0000e+00	0.0000e+00	-1.0705e-03	1.3325e-05	-2.7921e-06	0.0000e+00
1774	0.0000e+00	0.0000e+00	-4.6208e-04	1.4571e-05	-1.8006e-06	0.0000e+00
1775	0.0000e+00	0.0000e+00	1.8944e-04	1.3644e-05	-1.0842e-06	0.0000e+00
1776	0.0000e+00	0.0000e+00	7.0391e-04	1.0517e-05	1.1708e-06	0.0000e+00
1777	0.0000e+00	0.0000e+00	1.0426e-03	4.9951e-06	1.3995e-06	0.0000e+00
1778	0.0000e+00	0.0000e+00	1.0826e-03	-3.0217e-06	1.2150e-06	0.0000e+00
1779	0.0000e+00	0.0000e+00	-1.8460e-03	-6.4051e-06	5.3554e-06	0.0000e+00
1780	0.0000e+00	0.0000e+00	-1.8778e-03	3.7195e-06	4.5878e-06	0.0000e+00
1781	0.0000e+00	0.0000e+00	-1.5877e-03	9.7277e-06	3.9421e-06	0.0000e+00
1782	0.0000e+00	0.0000e+00	-1.0976e-03	1.3375e-05	3.3581e-06	0.0000e+00
1783	0.0000e+00	0.0000e+00	-5.6395e-04	1.4696e-05	2.8956e-06	0.0000e+00
1784	0.0000e+00	0.0000e+00	4.5511e-04	1.3820e-05	2.6441e-06	0.0000e+00
1785	0.0000e+00	0.0000e+00	8.6306e-04	1.0725e-05	-2.6088e-06	0.0000e+00
1786	0.0000e+00	0.0000e+00	1.1850e-03	5.2326e-06	-2.6102e-06	0.0000e+00
1787	0.0000e+00	0.0000e+00	1.2298e-03	-2.7297e-06	2.4224e-06	0.0000e+00
1788	0.0000e+00	0.0000e+00	-1.2281e-03	-2.7270e-06	-2.4265e-06	0.0000e+00
1789	0.0000e+00	0.0000e+00	-1.1832e-03	5.2350e-06	2.6128e-06	0.0000e+00
1790	0.0000e+00	0.0000e+00	-8.6140e-04	1.0728e-05	2.6122e-06	0.0000e+00
1791	0.0000e+00	0.0000e+00	-4.5459e-04	1.3824e-05	-2.6501e-06	0.0000e+00
1792	0.0000e+00	0.0000e+00	5.6643e-04	1.4702e-05	-2.9046e-06	0.0000e+00
1793	0.0000e+00	0.0000e+00	1.1006e-03	1.3383e-05	-3.3696e-06	0.0000e+00
1794	0.0000e+00	0.0000e+00	1.5911e-03	9.7368e-06	-3.9548e-06	0.0000e+00
1795	0.0000e+00	0.0000e+00	1.8817e-03	3.7293e-06	-4.6004e-06	0.0000e+00
1796	0.0000e+00	0.0000e+00	1.8503e-03	-6.3978e-06	-5.3663e-06	0.0000e+00
1797	0.0000e+00	0.0000e+00	-1.0460e-03	-3.0427e-06	-9.3374e-07	0.0000e+00
1798	0.0000e+00	0.0000e+00	-1.0076e-03	4.9749e-06	-1.1171e-06	0.0000e+00
1799	0.0000e+00	0.0000e+00	-6.6997e-04	1.0514e-05	-9.1748e-07	0.0000e+00
1800	0.0000e+00	0.0000e+00	-1.6082e-04	1.3663e-05	9.8360e-07	0.0000e+00
1801	0.0000e+00	0.0000e+00	4.9786e-04	1.4614e-05	1.8440e-06	0.0000e+00
1802	0.0000e+00	0.0000e+00	1.1090e-03	1.3392e-05	2.8792e-06	0.0000e+00
1803	0.0000e+00	0.0000e+00	1.6184e-03	9.8327e-06	3.6976e-06	0.0000e+00
1804	0.0000e+00	0.0000e+00	1.9128e-03	3.6018e-06	3.9573e-06	0.0000e+00
1805	0.0000e+00	0.0000e+00	1.8653e-03	-5.6294e-06	3.3041e-06	0.0000e+00
1806	0.0000e+00	0.0000e+00	-1.8389e-03	-5.3922e-06	-3.0097e-06	0.0000e+00
1807	0.0000e+00	0.0000e+00	-1.8722e-03	4.2569e-06	-3.2402e-06	0.0000e+00
1808	0.0000e+00	0.0000e+00	-1.5634e-03	1.0549e-05	-3.0678e-06	0.0000e+00
1809	0.0000e+00	0.0000e+00	-1.0517e-03	1.4175e-05	-2.5569e-06	0.0000e+00
1810	0.0000e+00	0.0000e+00	-5.2082e-04	1.5390e-05	-2.1625e-06	0.0000e+00
1811	0.0000e+00	0.0000e+00	5.2529e-04	1.4341e-05	-2.4281e-06	0.0000e+00
1812	0.0000e+00	0.0000e+00	9.7030e-04	1.1006e-05	3.3162e-06	0.0000e+00
1813	0.0000e+00	0.0000e+00	1.2897e-03	5.3750e-06	4.4835e-06	0.0000e+00
1814	0.0000e+00	0.0000e+00	1.3049e-03	-4.6999e-06	-5.8064e-06	0.0000e+00
1815	0.0000e+00	0.0000e+00	5.2224e-04	-1.1134e-05	-7.2873e-06	0.0000e+00
1816	0.0000e+00	0.0000e+00	-4.7131e-04	-9.4536e-06	-7.3202e-06	0.0000e+00
1817	0.0000e+00	0.0000e+00	-7.6385e-04	-1.0519e-05	-7.8775e-06	0.0000e+00
1818	0.0000e+00	0.0000e+00	-1.2022e-03	-1.2851e-05	-8.8283e-06	0.0000e+00
1819	0.0000e+00	0.0000e+00	-1.7623e-03	-1.6172e-05	-1.0042e-05	0.0000e+00
1820	0.0000e+00	0.0000e+00	-2.4723e-03	-2.0977e-05	-1.1459e-05	0.0000e+00
1821	0.0000e+00	0.0000e+00	-3.3856e-03	-2.7714e-05	-1.3032e-05	0.0000e+00
1822	0.0000e+00	0.0000e+00	-4.5747e-03	-3.6527e-05	-1.4682e-05	0.0000e+00
1823	0.0000e+00	0.0000e+00	-6.1162e-03	-4.7016e-05	-1.6067e-05	0.0000e+00
1824	0.0000e+00	0.0000e+00	-2.4506e-03	-4.7307e-06	8.4966e-06	0.0000e+00
1825	0.0000e+00	0.0000e+00	-2.4631e-03	4.5316e-06	8.4820e-06	0.0000e+00
1826	0.0000e+00	0.0000e+00	-2.1891e-03	1.0774e-05	8.2689e-06	0.0000e+00
1827	0.0000e+00	0.0000e+00	-1.7916e-03	1.4271e-05	8.1153e-06	0.0000e+00
1828	0.0000e+00	0.0000e+00	-1.4738e-03	1.5340e-05	8.1689e-06	0.0000e+00
1829	0.0000e+00	0.0000e+00	1.4347e-03	1.4141e-05	8.5048e-06	0.0000e+00
1830	0.0000e+00	0.0000e+00	1.6507e-03	1.0690e-05	9.1625e-06	0.0000e+00
1831	0.0000e+00	0.0000e+00	1.9009e-03	5.1819e-06	1.0176e-05	0.0000e+00
1832	0.0000e+00	0.0000e+00	2.0132e-03	-5.4894e-06	1.1461e-05	0.0000e+00
1833	0.0000e+00	0.0000e+00	1.8388e-03	-1.0308e-05	1.1046e-05	0.0000e+00
1834	0.0000e+00	0.0000e+00	1.7402e-03	-7.6107e-06	1.0666e-05	0.0000e+00
1835	0.0000e+00	0.0000e+00	-1.6559e-03	-7.0243e-06	1.0215e-05	0.0000e+00
1836	0.0000e+00	0.0000e+00	-1.6253e-03	-8.3604e-06	9.9393e-06	0.0000e+00
1837	0.0000e+00	0.0000e+00	-1.7387e-03	-1.1959e-05	9.9054e-06	0.0000e+00
1838	0.0000e+00	0.0000e+00	-2.1188e-03	-1.8045e-05	1.0119e-05	0.0000e+00
1839	0.0000e+00	0.0000e+00	-2.8728e-03	-2.6517e-05	1.0573e-05	0.0000e+00
1840	0.0000e+00	0.0000e+00	-4.0719e-03	-3.7182e-05	1.1299e-05	0.0000e+00
1841	0.0000e+00	0.0000e+00	-5.7684e-03	-4.9457e-05	1.2195e-05	0.0000e+00
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1893 0.0000e+00 0.0000e+00 -5.5932e-04 -6.0700e-06 3.1371e-06 0.0000e+00  
2124 4.0660e-05 3.8296e-01 0.0000e+00 0.0000e+00 0.0000e+00 -2.5924e-05

SFORZI "Dinamica SLDh X" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	-2.9461e+01	2.1825e+02	4.2299e+02
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-2.2892e+02	-1.7321e+02	1.6293e+02
	84	0.0000e+00	0.0000e+00	0.0000e+00	1.6803e+02	-4.5862e+02	-5.5241e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-9.3198e+02	-4.0132e+02	2.0483e+02
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	6.0962e+01	1.0701e+02	2.1484e+02
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-3.2313e+01	6.2177e+01	1.6408e+02
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-5.8732e+01	3.2830e+00	2.1196e+02
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-1.1798e+01	-1.4112e+02	2.6272e+02
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	7.4368e+01	8.3923e+01	1.1233e+02
	1891	0.0000e+00	0.0000e+00	0.0000e+00	3.5020e+00	8.8783e+01	1.0976e+02
	1892	0.0000e+00	0.0000e+00	0.0000e+00	1.1876e+01	8.4543e+01	1.7416e+02
	1702	0.0000e+00	0.0000e+00	0.0000e+00	6.0857e+01	-4.3089e+01	1.7672e+02
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	7.1606e+01	6.5435e+01	3.0055e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	1.1470e+01	1.0387e+02	3.2200e+01

	1891	0.0000e+00	0.0000e+00	0.0000e+00	1.6028e+01	1.0382e+02	9.5122e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	7.1196e+01	1.2836e+01	9.2979e+01
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	7.0800e+01	3.7999e+01	-4.7293e+01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	1.3911e+01	1.0782e+02	-4.7469e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	1.3815e+01	1.0749e+02	1.4814e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	7.0554e+01	4.9467e+01	1.4985e+01
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	6.1997e+01	-5.7949e+00	-1.2821e+02
	1888	0.0000e+00	0.0000e+00	0.0000e+00	1.0887e+01	9.7641e+01	-1.2519e+02
	1889	0.0000e+00	0.0000e+00	0.0000e+00	6.7667e+00	1.0047e+02	-6.2545e+01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	7.2002e+01	7.5063e+01	-6.5559e+01
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	3.8700e+00	-8.4619e+01	-2.1106e+02
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-4.6984e+01	3.4865e+01	-1.6878e+02
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-2.2840e+01	8.3078e+01	-1.1978e+02
	1698	0.0000e+00	0.0000e+00	0.0000e+00	6.1071e+01	1.0179e+02	-1.6206e+02
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-7.5495e+02	-2.9719e+02	-1.7685e+02
	83	0.0000e+00	0.0000e+00	0.0000e+00	1.3915e+02	-3.3929e+02	3.8169e+01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-1.8490e+02	-1.0661e+02	-1.3103e+02
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.2949e+01	1.9931e+02	-3.4604e+02
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	-1.2940e+01	1.9931e+02	3.4604e+02
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-1.8490e+02	-1.0657e+02	1.3102e+02
	83	0.0000e+00	0.0000e+00	0.0000e+00	1.3914e+02	-3.3928e+02	-3.8182e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	-7.5494e+02	-2.9712e+02	1.7684e+02
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	6.1076e+01	1.0179e+02	1.6206e+02
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-2.2835e+01	8.3104e+01	1.1978e+02
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-4.6984e+01	3.4891e+01	1.6878e+02
	1654	0.0000e+00	0.0000e+00	0.0000e+00	3.8763e+00	-8.4569e+01	2.1106e+02
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	7.2004e+01	7.5056e+01	6.5556e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	6.7702e+00	1.0048e+02	6.2542e+01
	1885	0.0000e+00	0.0000e+00	0.0000e+00	1.0886e+01	9.7658e+01	1.2519e+02
	1653	0.0000e+00	0.0000e+00	0.0000e+00	6.2003e+01	-5.7591e+00	1.2821e+02
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	7.0553e+01	4.9452e+01	-1.4980e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	1.3818e+01	1.0750e+02	-1.4810e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	1.3909e+01	1.0783e+02	4.7465e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	7.0803e+01	3.8023e+01	4.7290e+01
686	1650	0.0000e+00	0.0000e+00	0.0000e+00	7.1194e+01	1.2814e+01	-9.2979e+01
	1882	0.0000e+00	0.0000e+00	0.0000e+00	1.6030e+01	1.0382e+02	-9.5124e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	1.1467e+01	1.0387e+02	-3.2200e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	7.1607e+01	6.5449e+01	-3.0054e+01
687	1649	0.0000e+00	0.0000e+00	0.0000e+00	6.0852e+01	-4.3118e+01	-1.7673e+02
	1881	0.0000e+00	0.0000e+00	0.0000e+00	1.1877e+01	8.4529e+01	-1.7416e+02
	1882	0.0000e+00	0.0000e+00	0.0000e+00	3.4969e+00	8.8771e+01	-1.0976e+02
	1650	0.0000e+00	0.0000e+00	0.0000e+00	7.4367e+01	8.3929e+01	-1.1233e+02
688	1648	0.0000e+00	0.0000e+00	0.0000e+00	-1.1799e+01	-1.4116e+02	-2.6272e+02
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-5.8732e+01	3.2489e+00	-2.1196e+02
	1881	0.0000e+00	0.0000e+00	0.0000e+00	-3.2316e+01	6.2154e+01	-1.6408e+02
	1649	0.0000e+00	0.0000e+00	0.0000e+00	6.0958e+01	1.0701e+02	-2.1484e+02
689	27	0.0000e+00	0.0000e+00	0.0000e+00	-9.3199e+02	-4.0138e+02	-2.0484e+02
	82	0.0000e+00	0.0000e+00	0.0000e+00	1.6804e+02	-4.5862e+02	5.5227e+01
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-2.2892e+02	-1.7324e+02	-1.6293e+02
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-2.9467e+01	2.1824e+02	-4.2299e+02
690	1879	0.0000e+00	0.0000e+00	0.0000e+00	2.2613e+02	1.0868e+02	-8.2564e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	9.8636e+01	-2.0587e+02	3.6262e+02
	7	0.0000e+00	0.0000e+00	0.0000e+00	8.2530e+02	3.3381e+02	1.9526e+02
	73	0.0000e+00	0.0000e+00	0.0000e+00	1.4905e+02	3.7235e+02	-1.1693e+02
691	1878	0.0000e+00	0.0000e+00	0.0000e+00	3.4251e+01	-5.7168e+01	1.1482e+02
	880	0.0000e+00	0.0000e+00	0.0000e+00	-5.0135e+01	-9.4009e+01	1.7557e+02
	882	0.0000e+00	0.0000e+00	0.0000e+00	5.5815e+01	1.0764e+02	2.1192e+02
	1879	0.0000e+00	0.0000e+00	0.0000e+00	6.1633e+01	-6.5453e+00	1.5195e+02
692	1877	0.0000e+00	0.0000e+00	0.0000e+00	-4.9798e+00	-8.1561e+01	7.0417e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	-7.4821e+01	-6.5871e+01	7.9185e+01
	880	0.0000e+00	0.0000e+00	0.0000e+00	-5.5028e+01	2.5548e+01	1.3632e+02
	1878	0.0000e+00	0.0000e+00	0.0000e+00	-8.0028e+00	-7.6050e+01	1.2768e+02
693	1876	0.0000e+00	0.0000e+00	0.0000e+00	-1.3630e+01	-9.1791e+01	1.0053e+00

	876	0.0000e+00	0.0000e+00	0.0000e+00	-7.6780e+01	-4.6291e+01	2.3816e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	-7.4570e+01	-1.8172e+01	5.9401e+01
	1877	0.0000e+00	0.0000e+00	0.0000e+00	-1.4700e+01	-9.1174e+01	5.9012e+01
694	1875	0.0000e+00	0.0000e+00	0.0000e+00	-1.4582e+01	-9.1747e+01	-7.3556e+01
	874	0.0000e+00	0.0000e+00	0.0000e+00	-7.4542e+01	-1.9147e+01	-7.3994e+01
	876	0.0000e+00	0.0000e+00	0.0000e+00	-7.6738e+01	-4.5745e+01	-1.5153e+01
	1876	0.0000e+00	0.0000e+00	0.0000e+00	-1.3661e+01	-9.1866e+01	-1.4805e+01
695	1874	0.0000e+00	0.0000e+00	0.0000e+00	-7.6506e+00	-7.7051e+01	-1.4275e+02
	872	0.0000e+00	0.0000e+00	0.0000e+00	-5.4709e+01	2.4689e+01	-1.5143e+02
	874	0.0000e+00	0.0000e+00	0.0000e+00	-7.4707e+01	-6.6301e+01	-9.3791e+01
	1875	0.0000e+00	0.0000e+00	0.0000e+00	-4.8641e+00	-8.2158e+01	-8.5077e+01
696	1873	0.0000e+00	0.0000e+00	0.0000e+00	6.1604e+01	-7.4639e+00	-1.6771e+02
	870	0.0000e+00	0.0000e+00	0.0000e+00	5.6584e+01	1.0847e+02	-2.2788e+02
	872	0.0000e+00	0.0000e+00	0.0000e+00	-4.9635e+01	-9.5640e+01	-1.9087e+02
	1874	0.0000e+00	0.0000e+00	0.0000e+00	3.4734e+01	-5.7648e+01	-1.3007e+02
697	72	0.0000e+00	0.0000e+00	0.0000e+00	1.5180e+02	3.7221e+02	1.0338e+02
	6	0.0000e+00	0.0000e+00	0.0000e+00	8.2336e+02	3.3749e+02	-2.1310e+02
	870	0.0000e+00	0.0000e+00	0.0000e+00	9.9764e+01	-2.0788e+02	-3.7884e+02
	1873	0.0000e+00	0.0000e+00	0.0000e+00	2.2748e+02	1.0612e+02	-9.4317e+01
698	1872	0.0000e+00	0.0000e+00	0.0000e+00	2.2748e+02	1.0617e+02	9.4594e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	9.9784e+01	-2.0788e+02	3.7884e+02
	6	0.0000e+00	0.0000e+00	0.0000e+00	8.2338e+02	3.3756e+02	2.1308e+02
	72	0.0000e+00	0.0000e+00	0.0000e+00	1.5176e+02	3.7226e+02	-1.0350e+02
699	1871	0.0000e+00	0.0000e+00	0.0000e+00	3.4740e+01	-5.7610e+01	1.3016e+02
	794	0.0000e+00	0.0000e+00	0.0000e+00	-4.9631e+01	-9.5612e+01	1.9089e+02
	796	0.0000e+00	0.0000e+00	0.0000e+00	5.6604e+01	1.0852e+02	2.2792e+02
	1872	0.0000e+00	0.0000e+00	0.0000e+00	6.1604e+01	-7.4206e+00	1.6780e+02
700	1870	0.0000e+00	0.0000e+00	0.0000e+00	-4.8573e+00	-8.2122e+01	8.5148e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	-7.4705e+01	-6.6263e+01	9.3828e+01
	794	0.0000e+00	0.0000e+00	0.0000e+00	-5.4703e+01	2.4743e+01	1.5147e+02
	1871	0.0000e+00	0.0000e+00	0.0000e+00	-7.6506e+00	-7.7015e+01	1.4281e+02
701	1869	0.0000e+00	0.0000e+00	0.0000e+00	-1.3658e+01	-9.1833e+01	1.4930e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	-7.6738e+01	-4.5723e+01	1.5235e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	-7.4538e+01	-1.9082e+01	7.4046e+01
	1870	0.0000e+00	0.0000e+00	0.0000e+00	-1.4584e+01	-9.1715e+01	7.3617e+01
702	1868	0.0000e+00	0.0000e+00	0.0000e+00	-1.4698e+01	-9.1150e+01	-5.8966e+01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-7.4572e+01	-1.8187e+01	-5.9370e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	-7.6778e+01	-4.6215e+01	-2.8478e+00
	1869	0.0000e+00	0.0000e+00	0.0000e+00	-1.3632e+01	-9.1768e+01	-1.4335e+00
703	1867	0.0000e+00	0.0000e+00	0.0000e+00	-7.9611e+00	-7.6040e+01	-1.2760e+02
	786	0.0000e+00	0.0000e+00	0.0000e+00	-5.5026e+01	2.5474e+01	-1.3628e+02
	788	0.0000e+00	0.0000e+00	0.0000e+00	-7.4823e+01	-6.5803e+01	-7.9167e+01
	1868	0.0000e+00	0.0000e+00	0.0000e+00	-4.9880e+00	-8.1555e+01	-7.0345e+01
704	1866	0.0000e+00	0.0000e+00	0.0000e+00	6.1596e+01	-6.5635e+00	-1.5176e+02
	784	0.0000e+00	0.0000e+00	0.0000e+00	5.5526e+01	1.0753e+02	-2.1188e+02
	786	0.0000e+00	0.0000e+00	0.0000e+00	-5.0103e+01	-9.3986e+01	-1.7555e+02
	1867	0.0000e+00	0.0000e+00	0.0000e+00	3.4242e+01	-5.7176e+01	-1.1467e+02
705	71	0.0000e+00	0.0000e+00	0.0000e+00	1.4769e+02	3.7209e+02	1.1667e+02
	5	0.0000e+00	0.0000e+00	0.0000e+00	8.2526e+02	3.3368e+02	-1.9527e+02
	784	0.0000e+00	0.0000e+00	0.0000e+00	9.8213e+01	-2.0587e+02	-3.6261e+02
	1866	0.0000e+00	0.0000e+00	0.0000e+00	2.2612e+02	1.0862e+02	8.1642e+01
706	1865	0.0000e+00	0.0000e+00	0.0000e+00	2.4820e+02	1.6107e+02	-5.2686e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	1.2046e+02	-2.0949e+02	3.3166e+02
	9	0.0000e+00	0.0000e+00	0.0000e+00	8.4469e+02	3.5680e+02	1.7614e+02
	75	0.0000e+00	0.0000e+00	0.0000e+00	1.3367e+02	3.4538e+02	-1.4150e+02
707	1864	0.0000e+00	0.0000e+00	0.0000e+00	4.5858e+01	-4.2356e+01	7.1193e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-3.9072e+01	-7.9228e+01	1.5124e+02
	1023	0.0000e+00	0.0000e+00	0.0000e+00	6.6073e+01	1.2653e+02	1.8304e+02
	1865	0.0000e+00	0.0000e+00	0.0000e+00	9.5896e+01	1.6892e+01	1.0378e+02
708	1863	0.0000e+00	0.0000e+00	0.0000e+00	-2.9359e+00	-6.5947e+01	3.5785e+01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-7.5943e+01	-3.7397e+01	5.2782e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-4.8986e+01	4.0755e+01	1.0915e+02
	1864	0.0000e+00	0.0000e+00	0.0000e+00	4.7023e+00	-5.8718e+01	9.2431e+01

709 1862 0.0000e+00 0.0000e+00 0.0000e+00 -1.1724e+01 -7.2416e+01 -3.1998e+01  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -7.7934e+01 -5.4680e+00 -3.2060e+01  
1019 0.0000e+00 0.0000e+00 0.0000e+00 -7.7883e+01 -3.9703e+00 2.8338e+01  
1863 0.0000e+00 0.0000e+00 0.0000e+00 -1.1910e+01 -7.2276e+01 2.8417e+01

710 1861 0.0000e+00 0.0000e+00 0.0000e+00 5.0390e+00 -5.9599e+01 -9.6373e+01  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -4.8998e+01 3.8991e+01 -1.1283e+02  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -7.5852e+01 -3.6690e+01 -5.6148e+01  
1862 0.0000e+00 0.0000e+00 0.0000e+00 -3.0952e+00 -6.6562e+01 -3.9884e+01

711 1860 0.0000e+00 0.0000e+00 0.0000e+00 9.6163e+01 1.5790e+01 -1.0854e+02  
1013 0.0000e+00 0.0000e+00 0.0000e+00 6.7241e+01 1.2415e+02 -1.8682e+02  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -3.9049e+01 -7.9211e+01 -1.5473e+02  
1861 0.0000e+00 0.0000e+00 0.0000e+00 4.5801e+01 -4.3655e+01 -7.5867e+01

712 74 0.0000e+00 0.0000e+00 0.0000e+00 1.3900e+02 3.4480e+02 1.3991e+02  
8 0.0000e+00 0.0000e+00 0.0000e+00 8.4441e+02 3.5385e+02 -1.7955e+02  
1013 0.0000e+00 0.0000e+00 0.0000e+00 1.2210e+02 -2.1022e+02 -3.3526e+02  
1860 0.0000e+00 0.0000e+00 0.0000e+00 2.4837e+02 1.5884e+02 6.0688e+01

713 1599 0.0000e+00 0.0000e+00 0.0000e+00 -4.6441e+01 2.1772e+02 3.6823e+02  
1859 0.0000e+00 0.0000e+00 0.0000e+00 -2.4605e+02 -2.3118e+02 1.0883e+02  
86 0.0000e+00 0.0000e+00 0.0000e+00 1.9651e+02 -4.3826e+02 -9.8624e+01  
31 0.0000e+00 0.0000e+00 0.0000e+00 -9.5008e+02 -4.2042e+02 1.6078e+02

714 1598 0.0000e+00 0.0000e+00 0.0000e+00 5.6229e+01 8.1569e+01 1.6639e+02  
1858 0.0000e+00 0.0000e+00 0.0000e+00 -4.0247e+01 5.2607e+01 9.7745e+01  
1859 0.0000e+00 0.0000e+00 0.0000e+00 -9.6528e+01 -2.5411e+01 1.4227e+02  
1599 0.0000e+00 0.0000e+00 0.0000e+00 -9.9595e+00 -1.5454e+02 2.1091e+02

715 1597 0.0000e+00 0.0000e+00 0.0000e+00 8.1222e+01 4.1411e+01 5.7792e+01  
1857 0.0000e+00 0.0000e+00 0.0000e+00 5.8116e+00 7.3687e+01 4.7044e+01  
1858 0.0000e+00 0.0000e+00 0.0000e+00 6.5974e+00 6.6456e+01 1.1532e+02  
1598 0.0000e+00 0.0000e+00 0.0000e+00 6.1304e+01 -5.4896e+01 1.2607e+02

716 1596 0.0000e+00 0.0000e+00 0.0000e+00 8.1806e+01 2.3672e+00 -3.6954e+01  
1856 0.0000e+00 0.0000e+00 0.0000e+00 1.4492e+01 8.1152e+01 -3.6897e+01  
1857 0.0000e+00 0.0000e+00 0.0000e+00 1.4663e+01 8.1015e+01 3.3734e+01  
1597 0.0000e+00 0.0000e+00 0.0000e+00 8.1736e+01 1.0449e+00 3.3678e+01

717 1595 0.0000e+00 0.0000e+00 0.0000e+00 6.1396e+01 -5.2819e+01 -1.2942e+02  
1855 0.0000e+00 0.0000e+00 0.0000e+00 6.4399e+00 6.7328e+01 -1.1856e+02  
1856 0.0000e+00 0.0000e+00 0.0000e+00 5.9905e+00 7.4284e+01 -5.0220e+01  
1596 0.0000e+00 0.0000e+00 0.0000e+00 8.1174e+01 4.0641e+01 -6.1076e+01

718 1594 0.0000e+00 0.0000e+00 0.0000e+00 -9.8781e+00 -1.5193e+02 -2.1443e+02  
1854 0.0000e+00 0.0000e+00 0.0000e+00 -9.6613e+01 -2.3815e+01 -1.4572e+02  
1855 0.0000e+00 0.0000e+00 0.0000e+00 -4.0060e+01 5.3915e+01 -1.0104e+02  
1595 0.0000e+00 0.0000e+00 0.0000e+00 5.6208e+01 8.1515e+01 -1.6976e+02

719 30 0.0000e+00 0.0000e+00 0.0000e+00 -9.4946e+02 -4.1734e+02 -1.6469e+02  
85 0.0000e+00 0.0000e+00 0.0000e+00 1.9633e+02 -4.3563e+02 9.4641e+01  
1854 0.0000e+00 0.0000e+00 0.0000e+00 -2.4574e+02 -2.2909e+02 -1.1238e+02  
1594 0.0000e+00 0.0000e+00 0.0000e+00 -4.6422e+01 2.1838e+02 -3.7171e+02

720 1853 0.0000e+00 0.0000e+00 0.0000e+00 2.4835e+02 1.5874e+02 -5.9755e+01  
957 0.0000e+00 0.0000e+00 0.0000e+00 1.2156e+02 -2.1023e+02 3.3526e+02  
4 0.0000e+00 0.0000e+00 0.0000e+00 8.4438e+02 3.5363e+02 1.7946e+02  
70 0.0000e+00 0.0000e+00 0.0000e+00 1.3612e+02 3.4428e+02 -1.3978e+02

721 1852 0.0000e+00 0.0000e+00 0.0000e+00 4.5797e+01 -4.3624e+01 7.5874e+01  
955 0.0000e+00 0.0000e+00 0.0000e+00 -3.9003e+01 -7.9165e+01 1.5475e+02  
957 0.0000e+00 0.0000e+00 0.0000e+00 6.6851e+01 1.2393e+02 1.8684e+02  
1853 0.0000e+00 0.0000e+00 0.0000e+00 9.6128e+01 1.5737e+01 1.0847e+02

722 1851 0.0000e+00 0.0000e+00 0.0000e+00 -3.0987e+00 -6.6526e+01 3.9992e+01  
953 0.0000e+00 0.0000e+00 0.0000e+00 -7.5848e+01 -3.6544e+01 5.6193e+01  
955 0.0000e+00 0.0000e+00 0.0000e+00 -4.8993e+01 3.8870e+01 1.1286e+02  
1852 0.0000e+00 0.0000e+00 0.0000e+00 4.8964e+00 -5.9565e+01 9.6408e+01

723 1850 0.0000e+00 0.0000e+00 0.0000e+00 -1.1908e+01 -7.2232e+01 -2.8440e+01  
951 0.0000e+00 0.0000e+00 0.0000e+00 -7.7878e+01 -3.9138e+00 -2.8360e+01  
953 0.0000e+00 0.0000e+00 0.0000e+00 -7.7926e+01 -5.4521e+00 3.2162e+01  
1851 0.0000e+00 0.0000e+00 0.0000e+00 -1.1725e+01 -7.2372e+01 3.2103e+01

724 1849 0.0000e+00 0.0000e+00 0.0000e+00 4.5489e+00 -5.8687e+01 -9.2316e+01  
949 0.0000e+00 0.0000e+00 0.0000e+00 -4.8980e+01 4.0730e+01 -1.0912e+02  
951 0.0000e+00 0.0000e+00 0.0000e+00 -7.5940e+01 -3.7276e+01 -5.2815e+01



	1850	0.0000e+00	0.0000e+00	0.0000e+00	-2.9355e+00	-6.5914e+01	-3.5704e+01
725	1848	0.0000e+00	0.0000e+00	0.0000e+00	9.5859e+01	1.6941e+01	-1.0340e+02
	947	0.0000e+00	0.0000e+00	0.0000e+00	6.5506e+01	1.2637e+02	-1.8300e+02
	949	0.0000e+00	0.0000e+00	0.0000e+00	-3.9004e+01	-7.9177e+01	-1.5124e+02
	1849	0.0000e+00	0.0000e+00	0.0000e+00	4.5837e+01	-4.2332e+01	-7.0893e+01
726	69	0.0000e+00	0.0000e+00	0.0000e+00	1.3018e+02	3.4483e+02	1.4114e+02
	3	0.0000e+00	0.0000e+00	0.0000e+00	8.4463e+02	3.5657e+02	-1.7613e+02
	947	0.0000e+00	0.0000e+00	0.0000e+00	1.1974e+02	-2.0949e+02	-3.3167e+02
	1848	0.0000e+00	0.0000e+00	0.0000e+00	2.4818e+02	1.6097e+02	5.0184e+01
727	1557	0.0000e+00	0.0000e+00	0.0000e+00	-4.6414e+01	2.1837e+02	3.7172e+02
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-2.4574e+02	-2.2907e+02	1.1238e+02
	81	0.0000e+00	0.0000e+00	0.0000e+00	1.9633e+02	-4.3564e+02	-9.4654e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	-9.4946e+02	-4.1728e+02	1.6468e+02
728	1556	0.0000e+00	0.0000e+00	0.0000e+00	5.6212e+01	8.1493e+01	1.6976e+02
	1846	0.0000e+00	0.0000e+00	0.0000e+00	-4.0056e+01	5.3944e+01	1.0104e+02
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-9.6614e+01	-2.3832e+01	1.4572e+02
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-9.8647e+00	-1.5189e+02	2.1444e+02
729	1555	0.0000e+00	0.0000e+00	0.0000e+00	8.1175e+01	4.0603e+01	6.1081e+01
	1845	0.0000e+00	0.0000e+00	0.0000e+00	5.9877e+00	7.4294e+01	5.0226e+01
	1846	0.0000e+00	0.0000e+00	0.0000e+00	6.4417e+00	6.7343e+01	1.1857e+02
	1556	0.0000e+00	0.0000e+00	0.0000e+00	6.1399e+01	-5.2799e+01	1.2942e+02
730	1554	0.0000e+00	0.0000e+00	0.0000e+00	8.1735e+01	1.1388e+00	-3.3686e+01
	1844	0.0000e+00	0.0000e+00	0.0000e+00	1.4664e+01	8.1014e+01	-3.3743e+01
	1845	0.0000e+00	0.0000e+00	0.0000e+00	1.4492e+01	8.1154e+01	3.6904e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	8.1807e+01	2.4024e+00	3.6962e+01
731	1553	0.0000e+00	0.0000e+00	0.0000e+00	6.1299e+01	-5.4963e+01	-1.2607e+02
	1843	0.0000e+00	0.0000e+00	0.0000e+00	6.5966e+00	6.6455e+01	-1.1532e+02
	1844	0.0000e+00	0.0000e+00	0.0000e+00	5.8118e+00	7.3684e+01	-4.7049e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	8.1221e+01	4.1405e+01	-5.7798e+01
732	1552	0.0000e+00	0.0000e+00	0.0000e+00	-9.9504e+00	-1.5461e+02	-2.1091e+02
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-9.6527e+01	-2.5511e+01	-1.4227e+02
	1843	0.0000e+00	0.0000e+00	0.0000e+00	-4.0251e+01	5.2616e+01	-9.7746e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	5.6223e+01	8.1558e+01	-1.6639e+02
733	25	0.0000e+00	0.0000e+00	0.0000e+00	-9.5009e+02	-4.2050e+02	-1.6080e+02
	80	0.0000e+00	0.0000e+00	0.0000e+00	1.9652e+02	-4.3826e+02	9.8624e+01
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-2.4605e+02	-2.3122e+02	-1.0883e+02
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-4.6446e+01	2.1772e+02	-3.6822e+02
734	1515	0.0000e+00	0.0000e+00	0.0000e+00	-3.4472e+01	1.8477e+02	1.6089e+02
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-9.4617e+01	-4.3001e+01	9.1955e+01
	88	0.0000e+00	0.0000e+00	0.0000e+00	7.9338e+01	-1.4002e+02	2.5128e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-3.3097e+02	-2.1735e+02	9.4054e+01
735	1514	0.0000e+00	0.0000e+00	0.0000e+00	-2.1191e+00	1.6088e+02	9.0587e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-2.6524e+01	8.8769e+01	7.4181e+01
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-2.6246e+01	5.2144e+01	9.5780e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-3.1379e+01	-6.8625e+01	1.1219e+02
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	1.1488e+01	1.5090e+02	4.6468e+01
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-7.8248e+00	1.2328e+02	4.3994e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	3.6319e+00	1.1447e+02	7.4971e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-4.4975e+00	1.7136e+01	7.7445e+01
737	1512	0.0000e+00	0.0000e+00	0.0000e+00	1.9898e+01	1.3331e+02	4.6818e+00
	1838	0.0000e+00	0.0000e+00	0.0000e+00	5.4023e-01	1.4375e+02	2.8683e+00
	1839	0.0000e+00	0.0000e+00	0.0000e+00	5.6409e+00	1.3951e+02	3.4963e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	1.0218e+01	7.4472e+01	3.7516e+01
738	1511	0.0000e+00	0.0000e+00	0.0000e+00	2.9236e+01	1.0668e+02	-4.0935e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	6.6034e+00	1.5150e+02	-4.6223e+01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	5.7140e+00	1.4945e+02	-1.0033e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	2.0711e+01	1.1226e+02	-5.1218e+00
739	1510	0.0000e+00	0.0000e+00	0.0000e+00	4.0428e+01	7.0046e+01	-9.1202e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	1.1785e+01	1.4886e+02	-9.9323e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	5.4565e+00	1.4822e+02	-5.8280e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	3.2329e+01	1.3467e+02	-5.0165e+01
740	1509	0.0000e+00	0.0000e+00	0.0000e+00	5.0249e+01	2.1809e+01	-1.5028e+02
	1835	0.0000e+00	0.0000e+00	0.0000e+00	1.4020e+01	1.3588e+02	-1.5868e+02

	1836	0.0000e+00	0.0000e+00	0.0000e+00	4.0551e+00	1.3714e+02	-1.1152e+02
	1510	0.0000e+00	0.0000e+00	0.0000e+00	4.5332e+01	1.4538e+02	-1.0312e+02
741	1508	0.0000e+00	0.0000e+00	0.0000e+00	4.0819e+01	-4.5748e+01	-2.2029e+02
	1834	0.0000e+00	0.0000e+00	0.0000e+00	6.0355e+00	1.0625e+02	-2.1825e+02
	1835	0.0000e+00	0.0000e+00	0.0000e+00	-4.7200e+00	1.1413e+02	-1.6717e+02
	1509	0.0000e+00	0.0000e+00	0.0000e+00	5.5057e+01	1.5074e+02	-1.6921e+02
742	1507	0.0000e+00	0.0000e+00	0.0000e+00	-2.2526e+01	-1.5490e+02	-2.9046e+02
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-9.7289e+01	5.1932e+00	-2.2791e+02
	1834	0.0000e+00	0.0000e+00	0.0000e+00	-4.8606e+01	8.0407e+01	-1.9571e+02
	1508	0.0000e+00	0.0000e+00	0.0000e+00	4.0233e+01	1.6320e+02	-2.5826e+02
743	32	0.0000e+00	0.0000e+00	0.0000e+00	-9.6892e+02	-4.3000e+02	-2.2900e+02
	87	0.0000e+00	0.0000e+00	0.0000e+00	2.0066e+02	-4.2713e+02	2.8491e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-2.5438e+02	-2.1758e+02	-1.9050e+02
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-5.6203e+01	2.7793e+02	-4.4796e+02
744	1446	0.0000e+00	0.0000e+00	0.0000e+00	-2.9284e+01	2.3622e+02	4.3164e+02
	1832	0.0000e+00	0.0000e+00	0.0000e+00	-2.2842e+02	-1.6320e+02	1.7297e+02
	87	0.0000e+00	0.0000e+00	0.0000e+00	1.8883e+02	-4.4312e+02	-5.0201e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	-9.5229e+02	-3.8614e+02	2.0849e+02
745	1445	0.0000e+00	0.0000e+00	0.0000e+00	5.9174e+01	1.2888e+02	2.2410e+02
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-3.2791e+01	7.6531e+01	1.7479e+02
	1832	0.0000e+00	0.0000e+00	0.0000e+00	-5.7734e+01	1.8154e+01	2.2023e+02
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-1.2683e+01	-1.2788e+02	2.6954e+02
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	6.9523e+01	1.1312e+02	1.2591e+02
	1830	0.0000e+00	0.0000e+00	0.0000e+00	1.8510e+00	1.0465e+02	1.2550e+02
	1831	0.0000e+00	0.0000e+00	0.0000e+00	1.2301e+01	1.0115e+02	1.8583e+02
	1445	0.0000e+00	0.0000e+00	0.0000e+00	5.7936e+01	-3.1042e+01	1.8624e+02
747	1443	0.0000e+00	0.0000e+00	0.0000e+00	6.2159e+01	1.0399e+02	5.0472e+01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	8.4803e+00	1.2250e+02	5.5540e+01
	1830	0.0000e+00	0.0000e+00	0.0000e+00	1.5868e+01	1.2333e+02	1.1231e+02
	1444	0.0000e+00	0.0000e+00	0.0000e+00	6.4654e+01	2.5856e+01	1.0724e+02
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	5.7426e+01	8.8048e+01	-1.6131e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	1.1102e+01	1.3078e+02	-1.3957e+01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	1.3672e+01	1.3092e+02	3.9519e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	5.9102e+01	6.4374e+01	3.7345e+01
749	1441	0.0000e+00	0.0000e+00	0.0000e+00	5.8731e+01	6.0671e+01	-8.2018e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	1.3858e+01	1.3135e+02	-8.4229e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	1.0798e+01	1.3013e+02	-3.0332e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	5.7469e+01	9.0608e+01	-2.8123e+01
750	1440	0.0000e+00	0.0000e+00	0.0000e+00	6.4080e+01	1.8918e+01	-1.5343e+02
	1826	0.0000e+00	0.0000e+00	0.0000e+00	1.6189e+01	1.2316e+02	-1.5877e+02
	1827	0.0000e+00	0.0000e+00	0.0000e+00	7.8757e+00	1.2133e+02	-1.0059e+02
	1441	0.0000e+00	0.0000e+00	0.0000e+00	6.1975e+01	1.0665e+02	-9.5260e+01
751	1439	0.0000e+00	0.0000e+00	0.0000e+00	5.7729e+01	-4.3498e+01	-2.3518e+02
	1825	0.0000e+00	0.0000e+00	0.0000e+00	1.3131e+01	9.9416e+01	-2.3561e+02
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-1.0148e+00	1.0201e+02	-1.7273e+02
	1440	0.0000e+00	0.0000e+00	0.0000e+00	6.9460e+01	1.1632e+02	-1.7229e+02
752	1438	0.0000e+00	0.0000e+00	0.0000e+00	-1.0856e+01	-1.4960e+02	-3.2290e+02
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-5.5264e+01	1.3517e+01	-2.7582e+02
	1825	0.0000e+00	0.0000e+00	0.0000e+00	-3.3786e+01	7.0775e+01	-2.2609e+02
	1439	0.0000e+00	0.0000e+00	0.0000e+00	6.0082e+01	1.3214e+02	-2.7317e+02
753	31	0.0000e+00	0.0000e+00	0.0000e+00	-9.3713e+02	-4.1972e+02	-2.7044e+02
	86	0.0000e+00	0.0000e+00	0.0000e+00	1.9027e+02	-4.4720e+02	-1.7792e+01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-2.2745e+02	-1.7178e+02	-2.3123e+02
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-2.5384e+01	2.3732e+02	-4.8389e+02
754	1823	0.0000e+00	0.0000e+00	0.0000e+00	1.3137e+02	3.6545e+01	-4.6577e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	1.1514e+02	-1.8952e+02	1.5667e+02
	11	0.0000e+00	0.0000e+00	0.0000e+00	3.9142e+02	2.2221e+02	9.7135e+01
	77	0.0000e+00	0.0000e+00	0.0000e+00	1.3478e+02	1.4526e+02	-5.8996e+01
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	3.8283e+01	-6.9232e+01	5.1702e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	2.0759e+01	-1.4877e+02	8.6332e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	8.8501e+01	6.9606e+01	9.7293e+01
	1823	0.0000e+00	0.0000e+00	0.0000e+00	4.3565e+01	-3.7775e+01	6.4169e+01
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	1.0048e+01	-1.0524e+02	3.3351e+01

	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.2029e+01	-1.3151e+02	4.2952e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	1.4754e+01	-1.3309e+01	6.8007e+01
	1822	0.0000e+00	0.0000e+00	0.0000e+00	6.7006e+00	-9.5995e+01	5.8550e+01
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	-1.2324e+00	-1.2422e+02	-2.8253e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	-2.5112e+01	-1.1509e+02	3.1733e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.2941e+01	-6.3210e+01	3.2673e+01
	1821	0.0000e+00	0.0000e+00	0.0000e+00	-4.3730e+00	-1.2014e+02	2.8091e+01
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	-7.1177e+00	-1.3154e+02	-4.2902e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-3.4759e+01	-9.3718e+01	-3.7836e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-2.6385e+01	-9.4738e+01	-5.2657e+00
	1820	0.0000e+00	0.0000e+00	0.0000e+00	-6.4843e+00	-1.2970e+02	-1.0338e+01
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	-1.1129e+01	-1.3021e+02	-8.9288e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-4.3826e+01	-6.5575e+01	-8.3087e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-3.7179e+01	-1.1304e+02	-4.6658e+01
	1819	0.0000e+00	0.0000e+00	0.0000e+00	-7.0575e+00	-1.2964e+02	-5.2854e+01
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	-1.1578e+01	-1.2044e+02	-1.3985e+02
	680	0.0000e+00	0.0000e+00	0.0000e+00	-4.8926e+01	-2.8651e+01	-1.3515e+02
	682	0.0000e+00	0.0000e+00	0.0000e+00	-4.7087e+01	-1.2231e+02	-9.4318e+01
	1818	0.0000e+00	0.0000e+00	0.0000e+00	-5.4625e+00	-1.2158e+02	-9.9014e+01
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	7.2384e+00	-9.6163e+01	-1.8718e+02
	678	0.0000e+00	0.0000e+00	0.0000e+00	-3.2104e+01	2.5530e+01	-1.9539e+02
	680	0.0000e+00	0.0000e+00	0.0000e+00	-5.1016e+01	-1.2914e+02	-1.5319e+02
	1817	0.0000e+00	0.0000e+00	0.0000e+00	4.7206e+00	-1.0349e+02	-1.4490e+02
762	1815	0.0000e+00	0.0000e+00	0.0000e+00	9.5046e+01	-9.2829e+00	-1.8590e+02
	676	0.0000e+00	0.0000e+00	0.0000e+00	7.1309e+01	1.1794e+02	-2.5494e+02
	678	0.0000e+00	0.0000e+00	0.0000e+00	-2.9110e+01	-1.4849e+02	-2.3300e+02
	1816	0.0000e+00	0.0000e+00	0.0000e+00	5.0712e+01	-7.2222e+01	-1.6331e+02
763	76	0.0000e+00	0.0000e+00	0.0000e+00	1.2811e+02	3.6203e+02	8.7709e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	8.4693e+02	3.5531e+02	-2.2228e+02
	676	0.0000e+00	0.0000e+00	0.0000e+00	1.1900e+02	-2.5646e+02	-4.0093e+02
	1815	0.0000e+00	0.0000e+00	0.0000e+00	2.5261e+02	1.4584e+02	-1.1946e+02
764	1814	0.0000e+00	0.0000e+00	0.0000e+00	2.2372e+02	1.0105e+02	1.0758e+02
	576	0.0000e+00	0.0000e+00	0.0000e+00	9.4014e+01	-2.1236e+02	3.8918e+02
	10	0.0000e+00	0.0000e+00	0.0000e+00	8.3350e+02	3.1443e+02	2.0932e+02
	76	0.0000e+00	0.0000e+00	0.0000e+00	1.3097e+02	3.7525e+02	-9.6965e+01
765	1813	0.0000e+00	0.0000e+00	0.0000e+00	3.3575e+01	-6.4986e+01	1.4886e+02
	574	0.0000e+00	0.0000e+00	0.0000e+00	-4.8159e+01	-1.0561e+02	2.0630e+02
	576	0.0000e+00	0.0000e+00	0.0000e+00	5.5081e+01	9.3201e+01	2.3864e+02
	1814	0.0000e+00	0.0000e+00	0.0000e+00	5.9786e+01	-1.5604e+01	1.8185e+02
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	-3.2273e+00	-8.7878e+01	1.1175e+02
	572	0.0000e+00	0.0000e+00	0.0000e+00	-6.7042e+01	-8.4163e+01	1.1795e+02
	574	0.0000e+00	0.0000e+00	0.0000e+00	-5.1222e+01	1.6416e+01	1.6883e+02
	1813	0.0000e+00	0.0000e+00	0.0000e+00	-8.5257e+00	-8.4164e+01	1.6274e+02
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	-1.0859e+01	-9.9327e+01	5.2242e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	-6.4840e+01	-7.4803e+01	5.0329e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	-6.5290e+01	-2.4352e+01	1.0013e+02
	1812	0.0000e+00	0.0000e+00	0.0000e+00	-1.4049e+01	-1.0011e+02	1.0212e+02
768	1810	0.0000e+00	0.0000e+00	0.0000e+00	-1.2944e+01	-1.0402e+02	-9.6993e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	-6.2271e+01	-6.2870e+01	-1.0910e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	-6.3389e+01	-4.9833e+01	3.7900e+01
	1811	0.0000e+00	0.0000e+00	0.0000e+00	-1.3829e+01	-1.0433e+02	3.8948e+01
769	1809	0.0000e+00	0.0000e+00	0.0000e+00	-1.4368e+01	-1.0387e+02	-7.1236e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-6.3242e+01	-4.3767e+01	-6.9790e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	-6.2488e+01	-6.6811e+01	-2.1846e+01
	1810	0.0000e+00	0.0000e+00	0.0000e+00	-1.2366e+01	-1.0301e+02	-2.3284e+01
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	-1.4627e+01	-9.7813e+01	-1.3585e+02
	564	0.0000e+00	0.0000e+00	0.0000e+00	-6.5148e+01	-1.4300e+01	-1.3333e+02
	566	0.0000e+00	0.0000e+00	0.0000e+00	-6.5177e+01	-7.7714e+01	-8.2315e+01
	1809	0.0000e+00	0.0000e+00	0.0000e+00	-1.0146e+01	-9.6607e+01	-8.4846e+01
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	-8.7367e+00	-7.8980e+01	-1.9880e+02
	562	0.0000e+00	0.0000e+00	0.0000e+00	-5.0500e+01	3.2042e+01	-2.0426e+02
	564	0.0000e+00	0.0000e+00	0.0000e+00	-6.7487e+01	-8.6438e+01	-1.5140e+02
	1808	0.0000e+00	0.0000e+00	0.0000e+00	-2.4875e+00	-8.2601e+01	-1.4594e+02

772 1806 0.0000e+00 0.0000e+00 0.0000e+00 5.8480e+01 -5.8720e+00 -2.2078e+02  
560 0.0000e+00 0.0000e+00 0.0000e+00 5.5531e+01 1.1852e+02 -2.7732e+02  
562 0.0000e+00 0.0000e+00 0.0000e+00 -4.7853e+01 -1.0709e+02 -2.4251e+02  
1807 0.0000e+00 0.0000e+00 0.0000e+00 3.5683e+01 -5.5191e+01 -1.8555e+02

773 75 0.0000e+00 0.0000e+00 0.0000e+00 1.3862e+02 3.9089e+02 6.5845e+01  
9 0.0000e+00 0.0000e+00 0.0000e+00 8.2571e+02 3.5134e+02 -2.5555e+02  
560 0.0000e+00 0.0000e+00 0.0000e+00 9.5131e+01 -2.1097e+02 -4.2892e+02  
1806 0.0000e+00 0.0000e+00 0.0000e+00 2.2811e+02 1.0967e+02 -1.3943e+02

774 1805 0.0000e+00 0.0000e+00 0.0000e+00 2.2833e+02 1.0623e+02 1.3328e+02  
459 0.0000e+00 0.0000e+00 0.0000e+00 9.6759e+01 -2.1548e+02 4.2347e+02  
8 0.0000e+00 0.0000e+00 0.0000e+00 8.2630e+02 3.5015e+02 2.5186e+02  
74 0.0000e+00 0.0000e+00 0.0000e+00 1.4432e+02 3.8545e+02 -6.7799e+01

775 1804 0.0000e+00 0.0000e+00 0.0000e+00 3.5900e+01 -5.9470e+01 1.7889e+02  
457 0.0000e+00 0.0000e+00 0.0000e+00 -4.7789e+01 -1.1238e+02 2.3635e+02  
459 0.0000e+00 0.0000e+00 0.0000e+00 5.6422e+01 1.1638e+02 2.7152e+02  
1805 0.0000e+00 0.0000e+00 0.0000e+00 5.8708e+01 -1.0212e+01 2.1457e+02

776 1803 0.0000e+00 0.0000e+00 0.0000e+00 -2.7424e+00 -8.7697e+01 1.3867e+02  
455 0.0000e+00 0.0000e+00 0.0000e+00 -6.7560e+01 -9.2145e+01 1.4433e+02  
457 0.0000e+00 0.0000e+00 0.0000e+00 -5.0385e+01 2.8514e+01 1.9775e+02  
1804 0.0000e+00 0.0000e+00 0.0000e+00 -8.9175e+00 -8.3764e+01 1.9216e+02

777 1802 0.0000e+00 0.0000e+00 0.0000e+00 -1.0265e+01 -1.0216e+02 7.6606e+01  
453 0.0000e+00 0.0000e+00 0.0000e+00 -6.5248e+01 -8.2777e+01 7.4180e+01  
455 0.0000e+00 0.0000e+00 0.0000e+00 -6.5253e+01 -1.9291e+01 1.2599e+02  
1803 0.0000e+00 0.0000e+00 0.0000e+00 -1.4550e+01 -1.0309e+02 1.2843e+02

778 1801 0.0000e+00 0.0000e+00 0.0000e+00 -1.2552e+01 -1.0841e+02 1.3717e+01  
451 0.0000e+00 0.0000e+00 0.0000e+00 -6.2498e+01 -7.0099e+01 1.2420e+01  
453 0.0000e+00 0.0000e+00 0.0000e+00 -6.3417e+01 -5.0043e+01 6.1393e+01  
1802 0.0000e+00 0.0000e+00 0.0000e+00 -1.4154e+01 -1.0911e+02 6.2744e+01

779 1800 0.0000e+00 0.0000e+00 0.0000e+00 -1.4131e+01 -1.0874e+02 -4.9752e+01  
449 0.0000e+00 0.0000e+00 0.0000e+00 -6.3328e+01 -5.0017e+01 -4.8432e+01  
451 0.0000e+00 0.0000e+00 0.0000e+00 -6.2487e+01 -7.0056e+01 2.1210e+00  
1801 0.0000e+00 0.0000e+00 0.0000e+00 -1.2595e+01 -1.0846e+02 2.5047e+00

780 1799 0.0000e+00 0.0000e+00 0.0000e+00 -1.4511e+01 -1.0253e+02 -1.1484e+02  
447 0.0000e+00 0.0000e+00 0.0000e+00 -6.5081e+01 -1.9872e+01 -1.1241e+02  
449 0.0000e+00 0.0000e+00 0.0000e+00 -6.5112e+01 -8.2321e+01 -6.1105e+01  
1800 0.0000e+00 0.0000e+00 0.0000e+00 -1.0390e+01 -1.0197e+02 -6.3555e+01

781 1798 0.0000e+00 0.0000e+00 0.0000e+00 -9.1280e+00 -8.3421e+01 -1.7764e+02  
445 0.0000e+00 0.0000e+00 0.0000e+00 -5.0335e+01 2.7047e+01 -1.8311e+02  
447 0.0000e+00 0.0000e+00 0.0000e+00 -6.7288e+01 -9.1093e+01 -1.3050e+02  
1799 0.0000e+00 0.0000e+00 0.0000e+00 -2.9714e+00 -8.7641e+01 -1.2501e+02

782 1797 0.0000e+00 0.0000e+00 0.0000e+00 5.8668e+01 -1.0207e+01 -1.9925e+02  
443 0.0000e+00 0.0000e+00 0.0000e+00 5.7174e+01 1.1186e+02 -2.5517e+02  
445 0.0000e+00 0.0000e+00 0.0000e+00 -4.7778e+01 -1.1061e+02 -2.2113e+02  
1798 0.0000e+00 0.0000e+00 0.0000e+00 3.5243e+01 -6.0197e+01 -1.6462e+02

783 73 0.0000e+00 0.0000e+00 0.0000e+00 1.4959e+02 3.8790e+02 8.5185e+01  
7 0.0000e+00 0.0000e+00 0.0000e+00 8.2149e+02 3.4138e+02 -2.3098e+02  
443 0.0000e+00 0.0000e+00 0.0000e+00 9.7895e+01 -2.1357e+02 -4.0530e+02  
1797 0.0000e+00 0.0000e+00 0.0000e+00 2.2672e+02 1.0404e+02 -1.2279e+02

784 1371 0.0000e+00 0.0000e+00 0.0000e+00 -2.5151e+01 2.4092e+02 4.7923e+02  
1796 0.0000e+00 0.0000e+00 0.0000e+00 -2.2747e+02 -1.6838e+02 2.2677e+02  
85 0.0000e+00 0.0000e+00 0.0000e+00 1.9031e+02 -4.4412e+02 1.3733e+01  
30 0.0000e+00 0.0000e+00 0.0000e+00 -9.3655e+02 -4.1768e+02 2.6619e+02

785 1370 0.0000e+00 0.0000e+00 0.0000e+00 6.0167e+01 1.3583e+02 2.6802e+02  
1795 0.0000e+00 0.0000e+00 0.0000e+00 -3.3857e+01 7.4517e+01 2.2105e+02  
1796 0.0000e+00 0.0000e+00 0.0000e+00 -5.5130e+01 1.7056e+01 2.7122e+02  
1371 0.0000e+00 0.0000e+00 0.0000e+00 -1.0784e+01 -1.4691e+02 3.1820e+02

786 1369 0.0000e+00 0.0000e+00 0.0000e+00 6.9388e+01 1.1960e+02 1.6649e+02  
1794 0.0000e+00 0.0000e+00 0.0000e+00 -1.0629e+00 1.0597e+02 1.6699e+02  
1795 0.0000e+00 0.0000e+00 0.0000e+00 1.3118e+01 1.0322e+02 2.3040e+02  
1370 0.0000e+00 0.0000e+00 0.0000e+00 5.7748e+01 -4.0079e+01 2.2991e+02

787 1368 0.0000e+00 0.0000e+00 0.0000e+00 6.1715e+01 1.0893e+02 8.8698e+01  
1793 0.0000e+00 0.0000e+00 0.0000e+00 7.9004e+00 1.2518e+02 9.4039e+01  
1794 0.0000e+00 0.0000e+00 0.0000e+00 1.6028e+01 1.2692e+02 1.5284e+02

	1369	0.0000e+00	0.0000e+00	0.0000e+00	6.4013e+01	2.2960e+01	1.4750e+02
788	1367	0.0000e+00	0.0000e+00	0.0000e+00	5.6992e+01	9.1146e+01	2.0676e+01
	1792	0.0000e+00	0.0000e+00	0.0000e+00	1.0915e+01	1.3341e+02	2.2813e+01
	1793	0.0000e+00	0.0000e+00	0.0000e+00	1.3510e+01	1.3463e+02	7.7446e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	5.8572e+01	6.5210e+01	7.5309e+01
789	1366	0.0000e+00	0.0000e+00	0.0000e+00	5.8420e+01	6.2238e+01	-4.5780e+01
	1791	0.0000e+00	0.0000e+00	0.0000e+00	1.3930e+01	1.3305e+02	-4.8154e+01
	1792	0.0000e+00	0.0000e+00	0.0000e+00	1.0530e+01	1.3301e+02	6.1555e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	5.7184e+01	9.2803e+01	8.5285e+00
790	1365	0.0000e+00	0.0000e+00	0.0000e+00	6.3856e+01	1.9845e+01	-1.1685e+02
	1790	0.0000e+00	0.0000e+00	0.0000e+00	1.6342e+01	1.2358e+02	-1.2231e+02
	1791	0.0000e+00	0.0000e+00	0.0000e+00	7.6601e+00	1.2298e+02	-6.4513e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	6.1889e+01	1.0855e+02	-5.9055e+01
791	1364	0.0000e+00	0.0000e+00	0.0000e+00	5.7338e+01	-4.1759e+01	-1.9726e+02
	1789	0.0000e+00	0.0000e+00	0.0000e+00	1.3048e+01	9.8633e+01	-1.9754e+02
	1790	0.0000e+00	0.0000e+00	0.0000e+00	-1.1507e+00	1.0254e+02	-1.3593e+02
	1365	0.0000e+00	0.0000e+00	0.0000e+00	6.9378e+01	1.1690e+02	-1.3564e+02
792	1363	0.0000e+00	0.0000e+00	0.0000e+00	-1.3480e+01	-1.4514e+02	-2.8219e+02
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-5.5038e+01	1.1711e+01	-2.3425e+02
	1789	0.0000e+00	0.0000e+00	0.0000e+00	-3.3975e+01	7.0454e+01	-1.8734e+02
	1364	0.0000e+00	0.0000e+00	0.0000e+00	5.9574e+01	1.3108e+02	-2.3528e+02
793	29	0.0000e+00	0.0000e+00	0.0000e+00	-9.3192e+02	-4.1081e+02	-2.2404e+02
	84	0.0000e+00	0.0000e+00	0.0000e+00	1.6904e+02	-4.5707e+02	3.4295e+01
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-2.2922e+02	-1.6686e+02	-1.8435e+02
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-2.8582e+01	2.3405e+02	-4.4268e+02
794	1296	0.0000e+00	0.0000e+00	0.0000e+00	-2.8572e+01	2.3406e+02	4.4268e+02
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-2.2921e+02	-1.6681e+02	1.8435e+02
	82	0.0000e+00	0.0000e+00	0.0000e+00	1.6903e+02	-4.5705e+02	-3.4309e+01
	27	0.0000e+00	0.0000e+00	0.0000e+00	-9.3191e+02	-4.1073e+02	2.2403e+02
795	1295	0.0000e+00	0.0000e+00	0.0000e+00	5.9578e+01	1.3108e+02	2.3527e+02
	1786	0.0000e+00	0.0000e+00	0.0000e+00	-3.3969e+01	7.0486e+01	1.8734e+02
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-5.5038e+01	1.1744e+01	2.3425e+02
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-1.3466e+01	-1.4508e+02	2.8219e+02
796	1294	0.0000e+00	0.0000e+00	0.0000e+00	6.9379e+01	1.1689e+02	1.3564e+02
	1785	0.0000e+00	0.0000e+00	0.0000e+00	-1.1412e+00	1.0256e+02	1.3593e+02
	1786	0.0000e+00	0.0000e+00	0.0000e+00	1.3046e+01	9.8655e+01	1.9754e+02
	1295	0.0000e+00	0.0000e+00	0.0000e+00	5.7344e+01	-4.1717e+01	1.9726e+02
797	1293	0.0000e+00	0.0000e+00	0.0000e+00	6.1889e+01	1.0854e+02	5.9051e+01
	1784	0.0000e+00	0.0000e+00	0.0000e+00	7.6619e+00	1.2299e+02	6.4510e+01
	1785	0.0000e+00	0.0000e+00	0.0000e+00	1.6340e+01	1.2359e+02	1.2230e+02
	1294	0.0000e+00	0.0000e+00	0.0000e+00	6.3859e+01	1.9875e+01	1.1685e+02
798	1292	0.0000e+00	0.0000e+00	0.0000e+00	5.7182e+01	9.2782e+01	-8.5343e+00
	1783	0.0000e+00	0.0000e+00	0.0000e+00	1.0532e+01	1.3301e+02	-6.1633e+00
	1784	0.0000e+00	0.0000e+00	0.0000e+00	1.3928e+01	1.3305e+02	4.8150e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	5.8421e+01	6.2256e+01	4.5777e+01
799	1291	0.0000e+00	0.0000e+00	0.0000e+00	5.8569e+01	6.5180e+01	-7.5312e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	1.3512e+01	1.3462e+02	-7.7450e+01
	1783	0.0000e+00	0.0000e+00	0.0000e+00	1.0912e+01	1.3341e+02	-2.2818e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	5.6992e+01	9.1155e+01	-2.0680e+01
800	1290	0.0000e+00	0.0000e+00	0.0000e+00	6.4008e+01	2.2920e+01	-1.4750e+02
	1781	0.0000e+00	0.0000e+00	0.0000e+00	1.6029e+01	1.2690e+02	-1.5284e+02
	1782	0.0000e+00	0.0000e+00	0.0000e+00	7.8970e+00	1.2517e+02	-9.4042e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	6.1713e+01	1.0893e+02	-8.8701e+01
801	1289	0.0000e+00	0.0000e+00	0.0000e+00	5.7740e+01	-4.0129e+01	-2.2991e+02
	1780	0.0000e+00	0.0000e+00	0.0000e+00	1.3119e+01	1.0319e+02	-2.3041e+02
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-1.0565e+00	1.0595e+02	-1.6699e+02
	1290	0.0000e+00	0.0000e+00	0.0000e+00	6.9385e+01	1.1959e+02	-1.6649e+02
802	1288	0.0000e+00	0.0000e+00	0.0000e+00	-1.0791e+01	-1.4697e+02	-3.1820e+02
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-5.5131e+01	1.7024e+01	-2.7122e+02
	1780	0.0000e+00	0.0000e+00	0.0000e+00	-3.3863e+01	7.4481e+01	-2.2105e+02
	1289	0.0000e+00	0.0000e+00	0.0000e+00	6.0161e+01	1.3581e+02	-2.6802e+02
803	26	0.0000e+00	0.0000e+00	0.0000e+00	-9.3656e+02	-4.1777e+02	-2.6619e+02
	81	0.0000e+00	0.0000e+00	0.0000e+00	1.9032e+02	-4.4414e+02	-1.3739e+01

	1779	0.0000e+00	0.0000e+00	0.0000e+00	-2.2748e+02	-1.6843e+02	-2.2677e+02
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-2.5161e+01	2.4091e+02	-4.7923e+02
804	1778	0.0000e+00	0.0000e+00	0.0000e+00	2.2672e+02	1.0408e+02	1.2256e+02
	342	0.0000e+00	0.0000e+00	0.0000e+00	9.7485e+01	-2.1356e+02	4.0531e+02
	5	0.0000e+00	0.0000e+00	0.0000e+00	8.2147e+02	3.4135e+02	2.3096e+02
	71	0.0000e+00	0.0000e+00	0.0000e+00	1.4816e+02	3.8772e+02	-8.5100e+01
805	1777	0.0000e+00	0.0000e+00	0.0000e+00	3.5246e+01	-6.0106e+01	1.6465e+02
	340	0.0000e+00	0.0000e+00	0.0000e+00	-4.7728e+01	-1.1045e+02	2.2116e+02
	342	0.0000e+00	0.0000e+00	0.0000e+00	5.6925e+01	1.1182e+02	2.5519e+02
	1778	0.0000e+00	0.0000e+00	0.0000e+00	5.8620e+01	-1.0118e+01	1.9924e+02
806	1776	0.0000e+00	0.0000e+00	0.0000e+00	-2.9499e+00	-8.7505e+01	1.2507e+02
	338	0.0000e+00	0.0000e+00	0.0000e+00	-6.7284e+01	-9.0798e+01	1.3055e+02
	340	0.0000e+00	0.0000e+00	0.0000e+00	-5.0319e+01	2.7104e+01	1.8315e+02
	1777	0.0000e+00	0.0000e+00	0.0000e+00	-9.0685e+00	-8.3288e+01	1.7768e+02
807	1775	0.0000e+00	0.0000e+00	0.0000e+00	-1.0379e+01	-1.0179e+02	6.3647e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	-6.5110e+01	-8.2002e+01	6.1188e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	-6.5076e+01	-1.9749e+01	1.1247e+02
	1776	0.0000e+00	0.0000e+00	0.0000e+00	-1.4509e+01	-1.0236e+02	1.1490e+02
808	1774	0.0000e+00	0.0000e+00	0.0000e+00	-1.2590e+01	-1.0824e+02	-3.1832e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-6.2486e+01	-6.9786e+01	-2.7773e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-6.3324e+01	-4.9770e+01	4.8529e+01
	1775	0.0000e+00	0.0000e+00	0.0000e+00	-1.4133e+01	-1.0854e+02	4.9851e+01
809	1773	0.0000e+00	0.0000e+00	0.0000e+00	-1.4152e+01	-1.0892e+02	-6.2679e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-6.3416e+01	-4.9884e+01	-6.1333e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-6.2495e+01	-6.9769e+01	-1.2491e+01
	1774	0.0000e+00	0.0000e+00	0.0000e+00	-1.2550e+01	-1.0821e+02	-1.3759e+01
810	1772	0.0000e+00	0.0000e+00	0.0000e+00	-1.4545e+01	-1.0295e+02	-1.2833e+02
	330	0.0000e+00	0.0000e+00	0.0000e+00	-6.5255e+01	-1.9306e+01	-1.2590e+02
	332	0.0000e+00	0.0000e+00	0.0000e+00	-6.5248e+01	-8.2407e+01	-7.4120e+01
	1773	0.0000e+00	0.0000e+00	0.0000e+00	-1.0252e+01	-1.0201e+02	-7.6524e+01
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	-8.8249e+00	-8.3705e+01	-1.9200e+02
	328	0.0000e+00	0.0000e+00	0.0000e+00	-5.0391e+01	2.8290e+01	-1.9765e+02
	330	0.0000e+00	0.0000e+00	0.0000e+00	-6.7564e+01	-9.1807e+01	-1.4426e+02
	1772	0.0000e+00	0.0000e+00	0.0000e+00	-2.6929e+00	-8.7633e+01	-1.3854e+02
812	1770	0.0000e+00	0.0000e+00	0.0000e+00	5.8620e+01	-1.0290e+01	-2.1426e+02
	326	0.0000e+00	0.0000e+00	0.0000e+00	5.6022e+01	1.1599e+02	-2.7141e+02
	328	0.0000e+00	0.0000e+00	0.0000e+00	-4.7748e+01	-1.1221e+02	-2.3629e+02
	1771	0.0000e+00	0.0000e+00	0.0000e+00	3.5892e+01	-5.9486e+01	-1.7865e+02
813	70	0.0000e+00	0.0000e+00	0.0000e+00	1.4172e+02	3.8479e+02	6.6853e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	8.2623e+02	3.4972e+02	-2.5187e+02
	326	0.0000e+00	0.0000e+00	0.0000e+00	9.6034e+01	-2.1549e+02	-4.2344e+02
	1770	0.0000e+00	0.0000e+00	0.0000e+00	2.2832e+02	1.0606e+02	-1.3210e+02
814	1769	0.0000e+00	0.0000e+00	0.0000e+00	2.2810e+02	1.0973e+02	1.3868e+02
	233	0.0000e+00	0.0000e+00	0.0000e+00	9.4288e+01	-2.1096e+02	4.2892e+02
	3	0.0000e+00	0.0000e+00	0.0000e+00	8.2566e+02	3.5114e+02	2.5554e+02
	69	0.0000e+00	0.0000e+00	0.0000e+00	1.3525e+02	3.9042e+02	-6.5323e+01
815	1768	0.0000e+00	0.0000e+00	0.0000e+00	3.5690e+01	-5.4986e+01	1.8551e+02
	231	0.0000e+00	0.0000e+00	0.0000e+00	-4.7803e+01	-1.0667e+02	2.4254e+02
	233	0.0000e+00	0.0000e+00	0.0000e+00	5.5089e+01	1.1841e+02	2.7732e+02
	1769	0.0000e+00	0.0000e+00	0.0000e+00	5.8378e+01	-5.5528e+00	2.2065e+02
816	1767	0.0000e+00	0.0000e+00	0.0000e+00	-2.3936e+00	-8.2283e+01	1.4599e+02
	229	0.0000e+00	0.0000e+00	0.0000e+00	-6.7484e+01	-8.5722e+01	1.5146e+02
	231	0.0000e+00	0.0000e+00	0.0000e+00	-5.0493e+01	3.2223e+01	2.0429e+02
	1768	0.0000e+00	0.0000e+00	0.0000e+00	-8.6486e+00	-7.8662e+01	1.9880e+02
817	1766	0.0000e+00	0.0000e+00	0.0000e+00	-1.0116e+01	-9.6186e+01	8.4958e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-6.5166e+01	-7.7047e+01	8.2430e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	-6.5134e+01	-1.3858e+01	1.3341e+02
	1767	0.0000e+00	0.0000e+00	0.0000e+00	-1.4633e+01	-9.7407e+01	1.3591e+02
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	-1.2355e+01	-1.0259e+02	2.3576e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-6.2473e+01	-6.6405e+01	2.2157e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-6.3223e+01	-4.3027e+01	6.9924e+01
	1766	0.0000e+00	0.0000e+00	0.0000e+00	-1.4369e+01	-1.0344e+02	7.1365e+01
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	-1.3827e+01	-1.0401e+02	-3.8959e+01

	223	0.0000e+00	0.0000e+00	0.0000e+00	-6.3375e+01	-4.9843e+01	-3.7932e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-6.2256e+01	-6.1971e+01	1.1454e+01
	1765	0.0000e+00	0.0000e+00	0.0000e+00	-1.2923e+01	-1.0368e+02	1.0254e+01
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	-1.4040e+01	-1.0001e+02	-1.0202e+02
	221	0.0000e+00	0.0000e+00	0.0000e+00	-6.5299e+01	-2.4829e+01	-1.0006e+02
	223	0.0000e+00	0.0000e+00	0.0000e+00	-6.4837e+01	-7.3885e+01	-5.0337e+01
	1764	0.0000e+00	0.0000e+00	0.0000e+00	-1.0804e+01	-9.9180e+01	-5.2202e+01
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	-8.3455e+00	-8.4334e+01	-1.6257e+02
	219	0.0000e+00	0.0000e+00	0.0000e+00	-5.1358e+01	1.4818e+01	-1.6874e+02
	221	0.0000e+00	0.0000e+00	0.0000e+00	-6.7071e+01	-8.3421e+01	-1.1789e+02
	1763	0.0000e+00	0.0000e+00	0.0000e+00	-3.1392e+00	-8.7988e+01	-1.1160e+02
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	5.9644e+01	-1.6750e+01	-1.8147e+02
	217	0.0000e+00	0.0000e+00	0.0000e+00	5.5074e+01	9.1645e+01	-2.3854e+02
	219	0.0000e+00	0.0000e+00	0.0000e+00	-4.8274e+01	-1.0532e+02	-2.0625e+02
	1762	0.0000e+00	0.0000e+00	0.0000e+00	3.3638e+01	-6.5378e+01	-1.4855e+02
823	68	0.0000e+00	0.0000e+00	0.0000e+00	1.2513e+02	3.7355e+02	9.6397e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	8.3351e+02	3.1317e+02	-2.0925e+02
	217	0.0000e+00	0.0000e+00	0.0000e+00	9.3242e+01	-2.1236e+02	-3.8916e+02
	1761	0.0000e+00	0.0000e+00	0.0000e+00	2.2375e+02	1.0040e+02	-1.0571e+02
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	2.5263e+02	1.4524e+02	1.1740e+02
	117	0.0000e+00	0.0000e+00	0.0000e+00	1.1829e+02	-2.5646e+02	4.0089e+02
	2	0.0000e+00	0.0000e+00	0.0000e+00	8.4696e+02	3.5425e+02	2.2226e+02
	68	0.0000e+00	0.0000e+00	0.0000e+00	1.2211e+02	3.6013e+02	-8.6769e+01
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	5.0763e+01	-7.2645e+01	1.6287e+02
	115	0.0000e+00	0.0000e+00	0.0000e+00	-2.9296e+01	-1.4840e+02	2.3293e+02
	117	0.0000e+00	0.0000e+00	0.0000e+00	7.1115e+01	1.1666e+02	2.5481e+02
	1760	0.0000e+00	0.0000e+00	0.0000e+00	9.4980e+01	-1.0110e+01	1.8538e+02
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	4.7781e+00	-1.0367e+02	1.4466e+02
	113	0.0000e+00	0.0000e+00	0.0000e+00	-5.1055e+01	-1.2883e+02	1.5308e+02
	115	0.0000e+00	0.0000e+00	0.0000e+00	-3.2326e+01	2.3925e+01	1.9524e+02
	1759	0.0000e+00	0.0000e+00	0.0000e+00	6.9604e+00	-9.6403e+01	1.8691e+02
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	-5.3696e+00	-1.2160e+02	9.8848e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-4.7072e+01	-1.2191e+02	9.4208e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-4.8932e+01	-2.8978e+01	1.3501e+02
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-1.1567e+01	-1.2050e+02	1.3967e+02
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	-7.0058e+00	-1.2953e+02	5.2743e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-3.7149e+01	-1.1266e+02	4.6570e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-4.3787e+01	-6.5781e+01	8.2961e+01
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-1.1132e+01	-1.3013e+02	8.9149e+01
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	-6.4723e+00	-1.2950e+02	1.0453e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-2.6367e+01	-9.4435e+01	5.4966e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	-3.4717e+01	-9.3695e+01	3.7740e+01
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-7.1196e+00	-1.3136e+02	4.2826e+01
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	-4.3433e+00	-1.1989e+02	-2.8261e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.2973e+01	-6.3005e+01	-3.2814e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-2.5098e+01	-1.1491e+02	-3.5393e+00
	1755	0.0000e+00	0.0000e+00	0.0000e+00	-1.2741e+00	-1.2399e+02	3.7306e+00
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	6.2668e+00	-9.5683e+01	-5.8536e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	1.4233e+01	-1.3087e+01	-6.8079e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.2019e+01	-1.3131e+02	-4.3042e+01
	1754	0.0000e+00	0.0000e+00	0.0000e+00	1.0031e+01	-1.0497e+02	-3.3484e+01
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	4.3236e+01	-3.7406e+01	-6.3577e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	8.7074e+01	6.9580e+01	-9.7307e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	1.9846e+01	-1.4871e+02	-8.6385e+01
	1753	0.0000e+00	0.0000e+00	0.0000e+00	3.8157e+01	-6.8742e+01	-5.1459e+01
833	67	0.0000e+00	0.0000e+00	0.0000e+00	1.3135e+02	1.4340e+02	5.8298e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	3.9036e+02	2.2220e+02	-9.6839e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	1.1292e+02	-1.8960e+02	-1.5670e+02
	1752	0.0000e+00	0.0000e+00	0.0000e+00	1.3123e+02	3.6270e+01	4.3652e+01
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	-2.5365e+01	2.3731e+02	4.8390e+02
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-2.2745e+02	-1.7175e+02	2.3123e+02
	80	0.0000e+00	0.0000e+00	0.0000e+00	1.9026e+02	-4.4719e+02	1.7850e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	-9.3712e+02	-4.1965e+02	2.7043e+02

835	1220	0.0000e+00	0.0000e+00	0.0000e+00	6.0081e+01	1.3210e+02	2.7318e+02
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-3.3777e+01	7.0823e+01	2.2610e+02
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-5.5264e+01	1.3684e+01	2.7583e+02
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-1.0801e+01	-1.4958e+02	3.2291e+02
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	6.9455e+01	1.1628e+02	1.7230e+02
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-9.4087e-01	1.0202e+02	1.7274e+02
	1750	0.0000e+00	0.0000e+00	0.0000e+00	1.3130e+01	9.9429e+01	2.3562e+02
	1220	0.0000e+00	0.0000e+00	0.0000e+00	5.7727e+01	-4.3522e+01	2.3519e+02
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	6.1966e+01	1.0662e+02	9.5281e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	7.8733e+00	1.2132e+02	1.0061e+02
	1749	0.0000e+00	0.0000e+00	0.0000e+00	1.6186e+01	1.2316e+02	1.5878e+02
	1219	0.0000e+00	0.0000e+00	0.0000e+00	6.4075e+01	1.8924e+01	1.5345e+02
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	5.7454e+01	9.0597e+01	2.8184e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	1.0798e+01	1.3011e+02	3.0385e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	1.3851e+01	1.3134e+02	8.4249e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	5.8723e+01	6.0630e+01	8.2042e+01
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	5.9082e+01	6.4402e+01	-3.7381e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	1.3674e+01	1.3091e+02	-3.9552e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	1.1087e+01	1.3077e+02	1.4066e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	5.7415e+01	8.7991e+01	1.6232e+01
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	6.4626e+01	2.5939e+01	-1.0725e+02
	1745	0.0000e+00	0.0000e+00	0.0000e+00	1.5870e+01	1.2333e+02	-1.1231e+02
	1746	0.0000e+00	0.0000e+00	0.0000e+00	8.4444e+00	1.2250e+02	-5.5561e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	6.2145e+01	1.0393e+02	-5.0497e+01
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	5.7888e+01	-3.0899e+01	-1.8624e+02
	1744	0.0000e+00	0.0000e+00	0.0000e+00	1.2303e+01	1.0117e+02	-1.8583e+02
	1745	0.0000e+00	0.0000e+00	0.0000e+00	1.5455e+00	1.0467e+02	-1.2551e+02
	1215	0.0000e+00	0.0000e+00	0.0000e+00	6.9506e+01	1.1307e+02	-1.2591e+02
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	-1.2392e+01	-1.2769e+02	-2.6954e+02
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-5.7734e+01	1.8072e+01	-2.2023e+02
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-3.2768e+01	7.6519e+01	-1.7479e+02
	1214	0.0000e+00	0.0000e+00	0.0000e+00	5.9144e+01	1.2886e+02	-2.2410e+02
843	24	0.0000e+00	0.0000e+00	0.0000e+00	-9.5229e+02	-3.8598e+02	-2.0849e+02
	79	0.0000e+00	0.0000e+00	0.0000e+00	1.8883e+02	-4.4308e+02	5.0180e+01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-2.2841e+02	-1.6316e+02	-1.7297e+02
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-2.9228e+01	2.3622e+02	-4.3164e+02
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	-5.6151e+01	2.7793e+02	4.4796e+02
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-2.5438e+02	-2.1746e+02	1.9049e+02
	79	0.0000e+00	0.0000e+00	0.0000e+00	2.0064e+02	-4.2706e+02	-2.8486e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	-9.6889e+02	-4.2973e+02	2.2900e+02
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	4.0193e+01	1.6322e+02	2.5826e+02
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-4.8586e+01	8.0417e+01	1.9570e+02
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-9.7291e+01	-4.2772e+00	2.2790e+02
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-2.2361e+01	-1.5463e+02	2.9046e+02
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	5.5038e+01	1.5075e+02	1.6920e+02
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-4.6323e+00	1.1418e+02	1.6716e+02
	1741	0.0000e+00	0.0000e+00	0.0000e+00	6.0337e+00	1.0629e+02	2.1824e+02
	1151	0.0000e+00	0.0000e+00	0.0000e+00	4.0767e+01	-4.5480e+01	2.2028e+02
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	4.5317e+01	1.4538e+02	1.0311e+02
	1739	0.0000e+00	0.0000e+00	0.0000e+00	4.0063e+00	1.3718e+02	1.1150e+02
	1740	0.0000e+00	0.0000e+00	0.0000e+00	1.4018e+01	1.3592e+02	1.5867e+02
	1150	0.0000e+00	0.0000e+00	0.0000e+00	5.0224e+01	2.1858e+01	1.5027e+02
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	3.2321e+01	1.3465e+02	5.0135e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	5.4411e+00	1.4824e+02	5.8248e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	1.1783e+01	1.4889e+02	9.9303e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	4.0411e+01	7.0134e+01	9.1184e+01
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.0725e+01	1.1223e+02	4.8391e+00
	1737	0.0000e+00	0.0000e+00	0.0000e+00	5.7107e+00	1.4945e+02	9.8748e+00
	1738	0.0000e+00	0.0000e+00	0.0000e+00	6.6056e+00	1.5151e+02	4.6185e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	2.9230e+01	1.0675e+02	4.0899e+01
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	1.0313e+01	7.4413e+01	-3.7476e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	5.6438e+00	1.3949e+02	-3.4921e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	6.9385e-01	1.4373e+02	-2.3022e+00



	1147	0.0000e+00	0.0000e+00	0.0000e+00	1.9915e+01	1.3336e+02	-4.3616e+00
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	-4.8979e+00	1.7015e+01	-7.7421e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	3.6391e+00	1.1442e+02	-7.4951e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-7.8548e+00	1.2324e+02	-4.3963e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	1.1570e+01	1.5094e+02	-4.6432e+01
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	-3.1476e+01	-6.8731e+01	-1.1217e+02
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-2.6243e+01	5.2072e+01	-9.5766e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-2.6541e+01	8.8709e+01	-7.4163e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-2.7908e+00	1.6090e+02	-9.0563e+01
853	23	0.0000e+00	0.0000e+00	0.0000e+00	-3.3096e+02	-2.1750e+02	-9.4044e+01
	78	0.0000e+00	0.0000e+00	0.0000e+00	7.9349e+01	-1.4004e+02	-2.5133e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-9.4618e+01	-4.3040e+01	-9.1949e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-3.4539e+01	1.8477e+02	-1.6087e+02
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	3.6124e+02	3.7074e+01	-3.1544e+01
	90	0.0000e+00	0.0000e+00	0.0000e+00	1.5905e+02	-8.3805e+01	3.0691e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	6.5933e+02	9.8771e+01	-1.6344e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	2.3231e+01	6.7959e+01	-7.7915e+01
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	2.1523e+02	4.8609e+01	-3.9373e+01
	1733	0.0000e+00	0.0000e+00	0.0000e+00	2.2607e+02	-7.0498e+00	-4.9216e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	4.6202e+02	8.3791e+01	-5.6819e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	-4.8686e+01	4.2930e+01	-4.6976e+01
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	1.0625e+02	3.9587e+01	-2.3104e+01
	1732	0.0000e+00	0.0000e+00	0.0000e+00	1.2930e+02	-1.3483e+01	-3.3268e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	3.1890e+02	6.2454e+01	-4.2186e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.1190e+02	2.6645e+01	-3.1954e+01
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	2.5716e+01	3.2602e+01	-1.4742e+01
	1731	0.0000e+00	0.0000e+00	0.0000e+00	3.7879e+01	-1.4629e+01	-1.9871e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	2.0121e+02	4.5424e+01	-2.9844e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	-1.7677e+02	1.7718e+01	-2.4446e+01
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	-7.9843e+01	2.7820e+01	-1.1764e+01
	1730	0.0000e+00	0.0000e+00	0.0000e+00	-6.2547e+01	-1.4493e+01	-1.3459e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	1.0052e+02	3.5042e+01	-2.3342e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-2.3728e+02	1.2977e+01	-2.1306e+01
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	-1.5257e+02	2.4207e+01	-1.1864e+01
	1729	0.0000e+00	0.0000e+00	0.0000e+00	-1.3609e+02	-1.3688e+01	-1.1589e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	2.6725e+01	2.8748e+01	-2.0681e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-2.9150e+02	1.0959e+01	-2.0943e+01
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	-2.1885e+02	2.0804e+01	-1.4878e+01
	1728	0.0000e+00	0.0000e+00	0.0000e+00	-2.0311e+02	-1.2796e+01	-1.2563e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-8.1110e+01	2.4714e+01	-2.0442e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-3.3814e+02	-1.0329e+01	-2.3028e+01
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	-2.7695e+02	1.6716e+01	-2.2365e+01
	1727	0.0000e+00	0.0000e+00	0.0000e+00	-2.6324e+02	-1.2471e+01	-1.6992e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.5310e+02	2.0869e+01	-2.2664e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-3.7680e+02	-1.0713e+01	-2.8191e+01
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	-3.0761e+02	9.5401e+00	-2.6799e+01
	1726	0.0000e+00	0.0000e+00	0.0000e+00	-3.1632e+02	-1.1419e+01	-2.5813e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-2.1319e+02	1.4844e+01	-3.0132e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-4.1065e+02	-1.4277e+01	-3.1127e+01
863	89	0.0000e+00	0.0000e+00	0.0000e+00	-1.0142e+02	7.2934e+01	9.7995e+01
	1725	0.0000e+00	0.0000e+00	0.0000e+00	-3.7055e+02	2.6688e+01	9.1715e+00
	99	0.0000e+00	0.0000e+00	0.0000e+00	-2.3055e+02	-1.3330e+01	-5.0769e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.5027e+02	5.3295e+01	5.0097e+01
864	773	0.0000e+00	0.0000e+00	0.0000e+00	2.2655e+01	6.7953e+01	7.8074e+01
	22	0.0000e+00	0.0000e+00	0.0000e+00	6.5927e+02	9.8622e+01	1.6818e+01
	96	0.0000e+00	0.0000e+00	0.0000e+00	1.5884e+02	-8.3782e+01	-3.0892e+01
	1724	0.0000e+00	0.0000e+00	0.0000e+00	3.6116e+02	3.7041e+01	3.1762e+01
865	763	0.0000e+00	0.0000e+00	0.0000e+00	-4.8562e+01	4.2936e+01	4.7160e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	4.6198e+02	8.3788e+01	5.6992e+01
	1724	0.0000e+00	0.0000e+00	0.0000e+00	2.2599e+02	-7.0665e+00	4.9372e+01
	1723	0.0000e+00	0.0000e+00	0.0000e+00	2.1516e+02	4.8606e+01	3.9544e+01
866	753	0.0000e+00	0.0000e+00	0.0000e+00	-1.1194e+02	2.6652e+01	3.2162e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	3.1884e+02	6.2462e+01	4.2380e+01

	1723	0.0000e+00	0.0000e+00	0.0000e+00	1.2918e+02	-1.3487e+01	3.3458e+01
	1722	0.0000e+00	0.0000e+00	0.0000e+00	1.0612e+02	3.9591e+01	2.3321e+01
867	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.7688e+02	1.7734e+01	2.4632e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	2.0113e+02	4.5436e+01	3.0052e+01
	1722	0.0000e+00	0.0000e+00	0.0000e+00	3.7619e+01	-1.4630e+01	2.0099e+01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	2.5404e+01	3.2610e+01	1.4953e+01
868	733	0.0000e+00	0.0000e+00	0.0000e+00	-2.3741e+02	1.3029e+01	2.1409e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	1.0040e+02	3.5064e+01	2.3514e+01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	-6.2519e+01	-1.4492e+01	1.3655e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	-7.9854e+01	2.7831e+01	1.1858e+01
869	723	0.0000e+00	0.0000e+00	0.0000e+00	-2.9164e+02	1.1084e+01	2.0929e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	2.6572e+01	2.8793e+01	2.0754e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	-1.3615e+02	-1.3686e+01	1.1642e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	-1.5264e+02	2.4221e+01	1.1786e+01
870	713	0.0000e+00	0.0000e+00	0.0000e+00	-3.3826e+02	-1.0552e+01	2.2919e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-8.1220e+01	2.4797e+01	2.0395e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	-2.0319e+02	-1.2795e+01	1.2453e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	-2.1894e+02	2.0819e+01	1.4696e+01
871	703	0.0000e+00	0.0000e+00	0.0000e+00	-3.7687e+02	-1.1047e+01	2.8049e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-1.5327e+02	2.1008e+01	2.2532e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	-2.6333e+02	-1.2480e+01	1.6810e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	-2.7704e+02	1.6733e+01	2.2188e+01
872	693	0.0000e+00	0.0000e+00	0.0000e+00	-4.1066e+02	-1.4604e+01	3.0982e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	-2.1340e+02	1.5115e+01	2.9988e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	-3.1639e+02	-1.1451e+01	2.5656e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	-3.0770e+02	9.5856e+00	2.6643e+01
873	11	0.0000e+00	0.0000e+00	0.0000e+00	-4.5023e+02	5.3491e+01	-5.0088e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	-2.3089e+02	-1.3726e+01	5.0657e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	-3.7057e+02	2.6647e+01	-8.7896e+00
	95	0.0000e+00	0.0000e+00	0.0000e+00	-1.0204e+02	7.3102e+01	-9.8023e+01
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	2.1638e+02	-1.9539e+01	6.6756e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	4.1668e+02	-7.5392e+01	-2.1699e+01
	97	0.0000e+00	0.0000e+00	0.0000e+00	1.1487e+02	-5.5027e+01	-6.4601e+01
	1715	0.0000e+00	0.0000e+00	0.0000e+00	3.3506e+02	-2.7962e+01	2.3828e+01
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	1.7441e+02	-2.8451e+01	5.1792e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	3.9388e+02	-1.9036e+01	5.0227e+01
	1715	0.0000e+00	0.0000e+00	0.0000e+00	2.8104e+02	-1.7896e+01	4.2448e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	2.8397e+02	6.5791e+00	4.4013e+01
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	9.5454e+01	-3.3851e+01	4.9931e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	3.6277e+02	-1.7036e+01	5.1204e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	2.3940e+02	-2.3601e+01	4.2186e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	2.2138e+02	1.0651e+01	4.0914e+01
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	7.2908e+00	-3.8000e+01	5.4581e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	3.1900e+02	-1.8791e+01	5.1502e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	1.6867e+02	-2.7995e+01	4.0607e+01
	1712	0.0000e+00	0.0000e+00	0.0000e+00	1.4759e+02	1.2272e+01	4.3687e+01
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	-9.7298e+01	-4.6315e+01	6.3743e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	2.6331e+02	-2.1107e+01	5.6248e+01
	1712	0.0000e+00	0.0000e+00	0.0000e+00	8.6306e+01	-3.2617e+01	4.6032e+01
	1711	0.0000e+00	0.0000e+00	0.0000e+00	6.4886e+01	1.2330e+01	5.3526e+01
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	-2.1138e+02	-5.8846e+01	7.1816e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	2.0359e+02	-2.9595e+01	6.6789e+01
	1711	0.0000e+00	0.0000e+00	0.0000e+00	9.3980e+00	-3.7662e+01	5.8500e+01
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-1.3402e+01	7.5945e+00	6.3527e+01
880	22	0.0000e+00	0.0000e+00	0.0000e+00	-3.6423e+02	-4.7725e+01	1.4389e+01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	1.7908e+02	-4.8606e+01	9.0942e+01
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-1.2117e+02	-1.9166e+01	4.6428e+01
	96	0.0000e+00	0.0000e+00	0.0000e+00	9.6490e+01	6.6010e+01	-3.1310e+01
881	1709	0.0000e+00	0.0000e+00	0.0000e+00	3.3508e+02	-2.7994e+01	-2.3822e+01
	91	0.0000e+00	0.0000e+00	0.0000e+00	1.1493e+02	-5.5062e+01	6.4609e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	4.1684e+02	-7.5463e+01	2.1686e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	2.1640e+02	-1.9600e+01	-6.6714e+01
882	1708	0.0000e+00	0.0000e+00	0.0000e+00	2.8396e+02	6.6784e+00	-4.3983e+01

	1709	0.0000e+00	0.0000e+00	0.0000e+00	2.8103e+02	-1.7890e+01	-4.2422e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	3.9393e+02	-1.9155e+01	-5.0193e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	1.7445e+02	-2.8466e+01	-5.1755e+01
883	1707	0.0000e+00	0.0000e+00	0.0000e+00	2.2137e+02	1.0680e+01	-4.0872e+01
	1708	0.0000e+00	0.0000e+00	0.0000e+00	2.3939e+02	-2.3601e+01	-4.2152e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	3.6278e+02	-1.7091e+01	-5.1170e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	9.5595e+01	-3.3851e+01	-4.9891e+01
884	1706	0.0000e+00	0.0000e+00	0.0000e+00	1.4761e+02	1.2282e+01	-4.3634e+01
	1707	0.0000e+00	0.0000e+00	0.0000e+00	1.6868e+02	-2.7995e+01	-4.0561e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	3.1899e+02	-1.8801e+01	-5.1462e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	9.3407e+00	-3.7997e+01	-5.4537e+01
885	1705	0.0000e+00	0.0000e+00	0.0000e+00	6.5028e+01	1.2334e+01	-5.3474e+01
	1706	0.0000e+00	0.0000e+00	0.0000e+00	8.6398e+01	-3.2616e+01	-4.5979e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	2.6330e+02	-2.1103e+01	-5.6202e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-9.7488e+01	-4.6314e+01	-6.3698e+01
886	1704	0.0000e+00	0.0000e+00	0.0000e+00	-1.4451e+01	7.6057e+00	-6.3475e+01
	1705	0.0000e+00	0.0000e+00	0.0000e+00	1.0759e+01	-3.7656e+01	-5.8449e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	2.0359e+02	-2.9593e+01	-6.6746e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-2.1145e+02	-5.8840e+01	-7.1772e+01
887	90	0.0000e+00	0.0000e+00	0.0000e+00	9.6757e+01	6.5986e+01	3.1129e+01
	1704	0.0000e+00	0.0000e+00	0.0000e+00	-1.2129e+02	-1.9132e+01	-4.6332e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	1.7909e+02	-4.8598e+01	-9.0936e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	-3.6423e+02	-4.7597e+01	-1.3922e+01
888	33	0.0000e+00	0.0000e+00	0.0000e+00	-3.3405e+02	-2.1183e+02	-2.1118e+01
	88	0.0000e+00	0.0000e+00	0.0000e+00	7.7087e+01	-1.5876e+02	4.9195e+01
	94	0.0000e+00	0.0000e+00	0.0000e+00	-1.2036e+02	-8.3589e+01	4.4580e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	4.4401e+00	5.9074e+01	-6.5880e+01
889	77	0.0000e+00	0.0000e+00	0.0000e+00	1.3603e+02	1.1888e+02	7.5217e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	4.0390e+02	2.1159e+02	-6.7933e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	8.2323e+01	-7.4290e+01	-8.9556e+01
	98	0.0000e+00	0.0000e+00	0.0000e+00	1.6231e+02	6.3508e+01	5.5619e+01
890	91	0.0000e+00	0.0000e+00	0.0000e+00	5.6484e+00	5.9066e+01	6.5897e+01
	93	0.0000e+00	0.0000e+00	0.0000e+00	-1.2035e+02	-8.3577e+01	-4.4174e+00
	78	0.0000e+00	0.0000e+00	0.0000e+00	7.7078e+01	-1.5877e+02	-4.9201e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	-3.3403e+02	-2.1180e+02	2.1146e+01
891	92	0.0000e+00	0.0000e+00	0.0000e+00	1.6201e+02	6.3459e+01	-5.4384e+01
	89	0.0000e+00	0.0000e+00	0.0000e+00	7.9555e+01	-7.4263e+01	8.9545e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	4.0320e+02	2.1170e+02	6.7964e+01
	67	0.0000e+00	0.0000e+00	0.0000e+00	1.3159e+02	1.1900e+02	-7.4302e+01
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	8.4361e+02	-4.4957e+01	5.2055e+01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	7.0118e+02	-1.8279e+02	3.7510e+02
	29	0.0000e+00	0.0000e+00	0.0000e+00	1.6064e+03	6.1029e+01	2.3376e+02
	1352	0.0000e+00	0.0000e+00	0.0000e+00	5.8925e+02	2.0236e+02	-8.9289e+01
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	5.5042e+02	-8.6210e+01	4.4392e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	4.6482e+02	4.5998e+00	1.9704e+02
	1703	0.0000e+00	0.0000e+00	0.0000e+00	5.9951e+02	-5.1150e+01	2.2822e+02
	1696	0.0000e+00	0.0000e+00	0.0000e+00	7.2330e+02	-2.4952e+01	7.5569e+01
894	1694	0.0000e+00	0.0000e+00	0.0000e+00	4.2802e+02	-3.5400e+01	3.7897e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	3.5933e+02	3.7322e+01	1.0682e+02
	1702	0.0000e+00	0.0000e+00	0.0000e+00	4.1768e+02	-2.5982e+01	1.4760e+02
	1695	0.0000e+00	0.0000e+00	0.0000e+00	5.0856e+02	-3.4310e+01	7.8672e+01
895	1693	0.0000e+00	0.0000e+00	0.0000e+00	3.8652e+02	-1.3097e+01	1.1138e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	3.1990e+02	4.1880e+01	3.4771e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	3.3799e+02	7.1220e+00	7.4027e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	4.1609e+02	-1.6241e+01	5.0369e+01
896	1692	0.0000e+00	0.0000e+00	0.0000e+00	4.0028e+02	-9.6392e+00	-1.9999e+01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	3.2910e+02	2.8833e+01	-3.2701e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	3.1720e+02	2.9465e+01	6.5743e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	3.8660e+02	-1.0334e+01	1.9144e+01
897	1691	0.0000e+00	0.0000e+00	0.0000e+00	4.7228e+02	-1.8758e+01	-5.0206e+01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	3.9262e+02	5.2104e+00	-1.0438e+02
	1699	0.0000e+00	0.0000e+00	0.0000e+00	3.4427e+02	3.4651e+01	-6.3862e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	4.1148e+02	-2.2235e+01	-9.7116e+00

898	1690	0.0000e+00	0.0000e+00	0.0000e+00	6.4932e+02	-6.8949e+00	-5.6099e+01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	5.4419e+02	-1.3110e+01	-1.8212e+02
	1698	0.0000e+00	0.0000e+00	0.0000e+00	4.3073e+02	1.2604e+01	-1.4900e+02
	1691	0.0000e+00	0.0000e+00	0.0000e+00	5.0885e+02	-5.9854e+01	-2.2975e+01
899	1647	0.0000e+00	0.0000e+00	0.0000e+00	5.3486e+02	1.8455e+02	7.0345e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	1.3849e+03	8.1686e+01	-1.9781e+02
	1697	0.0000e+00	0.0000e+00	0.0000e+00	6.2839e+02	-1.3633e+02	-3.0768e+02
	1690	0.0000e+00	0.0000e+00	0.0000e+00	7.5103e+02	-2.1506e+01	-3.9520e+01
900	1689	0.0000e+00	0.0000e+00	0.0000e+00	4.7806e+02	4.0071e+01	-3.5772e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	6.5812e+02	3.9441e+01	-3.3627e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	6.6076e+02	1.0758e+02	-1.8807e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	4.7979e+02	7.7488e+01	-2.0966e+01
901	1688	0.0000e+00	0.0000e+00	0.0000e+00	4.6896e+02	-4.1367e+01	-2.1971e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	5.2602e+02	-4.7346e+01	3.2784e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	6.0962e+02	-5.8541e+01	-6.6297e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	4.9551e+02	1.3294e+01	-6.1049e+01
902	1687	0.0000e+00	0.0000e+00	0.0000e+00	4.1550e+02	-3.3128e+01	-6.6225e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	4.3948e+02	-3.4952e+01	4.0853e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	5.0609e+02	-4.2891e+01	2.9028e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	4.4430e+02	-2.1178e+01	-1.8441e+01
903	1686	0.0000e+00	0.0000e+00	0.0000e+00	3.8494e+02	-2.0068e+01	3.9049e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	4.0280e+02	-1.8554e+01	2.3455e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	4.2709e+02	-2.1727e+01	2.3321e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	4.0014e+02	-1.9830e+01	3.8582e+00
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	3.8868e+02	-1.5737e+01	1.3108e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	4.1308e+02	-1.6609e+01	4.1020e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	4.0120e+02	-1.4822e+01	5.3728e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	3.8234e+02	-1.7942e+01	1.4329e+01
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	4.1939e+02	-1.3566e+01	2.8722e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	4.7316e+02	-2.8892e+01	-7.0247e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	4.2212e+02	-2.2495e+01	-1.3638e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	3.9841e+02	-2.4654e+01	2.2117e+01
906	1683	0.0000e+00	0.0000e+00	0.0000e+00	4.5968e+02	1.6055e+01	5.8000e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	5.5714e+02	-3.8425e+01	1.3783e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	4.8970e+02	-2.9023e+01	-1.3416e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	4.3798e+02	-2.9536e+01	3.0826e+01
907	1639	0.0000e+00	0.0000e+00	0.0000e+00	4.4627e+02	6.9293e+01	1.4834e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	6.0073e+02	1.0231e+02	1.2530e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	5.9830e+02	4.5175e+01	3.2469e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	4.4404e+02	3.8607e+01	3.4772e+01
908	1682	0.0000e+00	0.0000e+00	0.0000e+00	3.1388e+02	6.8620e+00	-4.3957e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	4.4998e+02	2.1597e+01	-4.4834e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	4.4191e+02	4.7614e+01	-1.8290e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	3.2020e+02	1.0012e+01	-1.7418e+01
909	1681	0.0000e+00	0.0000e+00	0.0000e+00	3.1138e+02	-4.9585e+00	-5.2781e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	4.2325e+02	-2.5259e+01	-4.1830e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	4.3112e+02	-2.6556e+00	-5.3358e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	3.2562e+02	-1.6189e+00	-6.4313e+01
910	1680	0.0000e+00	0.0000e+00	0.0000e+00	2.9831e+02	-2.4647e+00	-3.1281e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	3.8200e+02	-2.3597e+01	-1.1385e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	4.0921e+02	-2.8909e+01	-3.6941e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	3.1129e+02	7.0301e-01	-5.6867e+01
911	1679	0.0000e+00	0.0000e+00	0.0000e+00	2.8705e+02	4.6707e+00	-6.5724e-01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	3.5959e+02	-1.7121e+01	1.0088e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	3.7400e+02	-2.2564e+01	-1.4726e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	2.9403e+02	5.1844e+00	-2.5315e+01
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	2.8676e+02	6.2192e+00	3.0635e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	3.6313e+02	-1.8108e+01	2.7553e+01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	3.5833e+02	-1.6260e+01	4.2893e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	2.8535e+02	6.1277e+00	7.3483e+00
913	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.9668e+02	2.0763e+00	5.7732e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.8718e+02	-2.1334e+01	4.4181e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	3.6866e+02	-1.8026e+01	2.2820e+01

	1678	0.0000e+00	0.0000e+00	0.0000e+00	2.8790e+02	1.5808e+00	3.6371e+01
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	3.0731e+02	-1.5099e+00	6.0567e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	4.0368e+02	1.3093e+00	5.2103e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.9891e+02	-1.8393e+01	4.5470e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.9501e+02	-2.9472e+00	5.3935e+01
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	3.0258e+02	3.8928e+00	1.3653e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	4.1367e+02	4.0862e+01	1.3826e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	4.2007e+02	1.9955e+01	4.1409e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.9652e+02	2.8460e+00	4.1236e+01
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.5290e+02	-3.7941e+01	-5.4572e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	2.8749e+02	-1.7362e+01	-4.8032e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	2.8494e+02	-1.6694e+01	-1.5502e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.6863e+02	-6.0519e+01	-2.2044e+01
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	1.4708e+02	1.1948e+01	-6.7423e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	2.7087e+02	-7.5608e+00	-5.8120e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	2.7144e+02	-1.2158e+01	-6.4505e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.6527e+02	-1.8912e+01	-7.3809e+01
918	1673	0.0000e+00	0.0000e+00	0.0000e+00	1.5365e+02	3.3500e+01	-3.6753e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	2.5410e+02	5.2162e+00	-3.3030e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	2.6070e+02	-4.2971e+00	-6.1701e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	1.5458e+02	2.4316e+01	-6.5427e+01
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	1.5724e+02	3.9607e+01	-1.1064e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	2.4554e+02	1.0430e+01	8.8593e-01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	2.5084e+02	5.4946e+00	-3.1046e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	1.5578e+02	3.9419e+01	-3.2947e+01
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	1.5213e+02	3.8791e+01	3.2282e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	2.4444e+02	7.0279e+00	3.4510e+01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	2.4479e+02	1.0727e+01	3.5564e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	1.5627e+02	4.0275e+01	1.3319e+00
921	1670	0.0000e+00	0.0000e+00	0.0000e+00	1.4731e+02	2.2868e+01	6.2703e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.4885e+02	-2.9190e+00	6.1957e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	2.4624e+02	6.9369e+00	3.5418e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	1.4841e+02	3.3815e+01	3.6164e+01
922	1669	0.0000e+00	0.0000e+00	0.0000e+00	1.5618e+02	-2.2247e+01	6.9603e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.5720e+02	-1.4009e+01	6.1387e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.5767e+02	-6.9269e+00	5.6800e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	1.3915e+02	1.0428e+01	6.5016e+01
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	1.5882e+02	-6.5198e+01	1.8429e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.7022e+02	-2.2142e+01	1.2051e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.7212e+02	-2.0759e+01	4.4506e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	1.4406e+02	-4.2071e+01	5.0885e+01
924	1668	0.0000e+00	0.0000e+00	0.0000e+00	-4.1374e+01	-8.6827e+01	-7.7101e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.2897e+02	-6.6091e+01	-5.9939e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.3302e+02	-9.2060e+01	-1.6866e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-1.1532e+01	-1.5683e+02	-3.4028e+01
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	-2.1770e+01	4.9078e+01	-6.3696e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	1.0117e+02	1.3074e+01	-5.8893e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.0296e+02	-3.1720e+01	-8.1990e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.4166e+01	-2.1875e+01	-8.6794e+01
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	2.8277e+01	6.3877e+01	-1.3200e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	1.0663e+02	4.4069e+01	-3.3662e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	1.0211e+02	1.8537e+01	-6.5573e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-9.4743e+00	6.2084e+01	-4.5112e+01
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	4.9019e+01	6.2744e+01	3.5833e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	1.1637e+02	4.5511e+01	-4.9036e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	1.1339e+02	3.9033e+01	-2.7207e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	3.4973e+01	6.6077e+01	-1.8723e+01
928	1664	0.0000e+00	0.0000e+00	0.0000e+00	3.3555e+01	6.4763e+01	1.5361e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	1.1032e+02	3.8860e+01	2.5657e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	1.1598e+02	4.5392e+01	3.7841e+00
	1665	0.0000e+00	0.0000e+00	0.0000e+00	4.8584e+01	6.2905e+01	-6.5122e+00
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	-1.2085e+01	5.9489e+01	4.0825e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	9.6475e+01	1.7271e+01	6.2561e+01

	1671	0.0000e+00	0.0000e+00	0.0000e+00	1.0280e+02	4.3516e+01	3.1621e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	2.6163e+01	6.2721e+01	9.8847e+00
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	-1.7850e+01	-2.5603e+01	8.1881e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	9.5912e+01	-3.4887e+01	7.7765e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	9.4800e+01	1.1194e+01	5.5383e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-2.4871e+01	4.6344e+01	5.9499e+01
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.6261e+01	-1.6064e+02	2.9267e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	1.2490e+02	-9.6274e+01	1.2866e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	1.2128e+02	-6.9724e+01	5.5882e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-4.5315e+01	-9.0750e+01	7.2283e+01
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	-3.6077e+02	-1.2180e+02	-9.8432e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-6.3763e+01	-1.1918e+02	-7.6312e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-5.2741e+01	-2.0737e+02	-2.7012e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-3.2727e+02	-3.0262e+02	-4.9132e+01
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	-1.2944e+02	8.8072e+01	5.0571e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-8.8300e+01	8.8587e+01	-3.0988e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.1987e+02	-3.8447e+01	-1.1591e+02
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-2.6214e+02	1.3069e+02	-3.4362e+01
934	1659	0.0000e+00	0.0000e+00	0.0000e+00	-2.2712e+01	6.7238e+01	5.2164e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-9.2175e+00	7.6373e+01	-8.9144e+00
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-4.1879e+01	5.2941e+01	-1.8981e+01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-1.1226e+02	8.2061e+01	4.2099e+01
935	1658	0.0000e+00	0.0000e+00	0.0000e+00	1.3194e+01	4.8551e+01	1.1526e+01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	2.7621e+01	6.3285e+01	-7.1106e+00
	1666	0.0000e+00	0.0000e+00	0.0000e+00	1.2504e+01	6.0893e+01	3.9755e+00
	1659	0.0000e+00	0.0000e+00	0.0000e+00	-1.0315e+01	5.3624e+01	2.2611e+01
936	1657	0.0000e+00	0.0000e+00	0.0000e+00	-1.0368e+01	5.2003e+01	-2.6751e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	1.1470e+01	5.9899e+01	-7.7007e+00
	1665	0.0000e+00	0.0000e+00	0.0000e+00	2.7481e+01	6.2987e+01	3.6111e+00
	1658	0.0000e+00	0.0000e+00	0.0000e+00	1.3056e+01	4.8431e+01	-1.5440e+01
937	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.1244e+02	7.8812e+01	-4.6816e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-4.3777e+01	5.0538e+01	1.4504e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	-1.0397e+01	7.4760e+01	5.0034e+00
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-2.2994e+01	6.5350e+01	-5.6317e+01
938	1655	0.0000e+00	0.0000e+00	0.0000e+00	-2.6228e+02	1.2633e+02	2.8900e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-1.2262e+02	-4.1992e+01	1.1066e+02
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-9.0486e+01	8.5645e+01	2.6406e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.2971e+02	8.4605e+01	-5.5361e+01
939	1607	0.0000e+00	0.0000e+00	0.0000e+00	-3.2875e+02	-3.0689e+02	4.2550e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-5.6780e+01	-2.1103e+02	2.1459e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-6.6857e+01	-1.2288e+02	7.1384e+01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-3.6113e+02	-1.2613e+02	9.2476e+01
940	945	0.0000e+00	0.0000e+00	0.0000e+00	-1.8228e+02	5.1748e+02	7.9320e+02
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-7.9541e+02	7.5493e+01	7.8556e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-2.5822e+01	-5.2781e+02	-1.9020e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	-2.3921e+03	-4.3626e+02	5.2445e+02
941	944	0.0000e+00	0.0000e+00	0.0000e+00	-1.4024e+01	6.4785e+01	2.3112e+02
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-1.5506e+02	1.5023e+02	5.5659e+01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-5.1535e+02	8.2409e+01	1.6458e+02
	945	0.0000e+00	0.0000e+00	0.0000e+00	-7.7895e+00	-4.8396e+01	3.4004e+02
942	943	0.0000e+00	0.0000e+00	0.0000e+00	5.4227e+01	1.0863e+01	1.0187e+02
	1659	0.0000e+00	0.0000e+00	0.0000e+00	-1.0173e+01	5.4112e+01	4.8199e+01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-8.9246e+01	7.4814e+01	1.1945e+02
	944	0.0000e+00	0.0000e+00	0.0000e+00	2.6234e+01	-2.3379e+01	1.7312e+02
943	942	0.0000e+00	0.0000e+00	0.0000e+00	6.9223e+01	-1.3497e+01	1.1023e+01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	2.8993e+01	3.4733e+01	-1.4484e+00
	1659	0.0000e+00	0.0000e+00	0.0000e+00	7.1194e+00	4.3359e+01	5.4181e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	6.7084e+01	-1.8918e+01	6.6646e+01
944	941	0.0000e+00	0.0000e+00	0.0000e+00	6.7765e+01	-2.0720e+01	-7.0426e+01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	7.2297e+00	4.1930e+01	-5.8352e+01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	2.9013e+01	3.4351e+01	-2.5941e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	6.9236e+01	-1.3781e+01	-1.4668e+01
945	940	0.0000e+00	0.0000e+00	0.0000e+00	2.7700e+01	-2.7120e+01	-1.7730e+02

	1656	0.0000e+00	0.0000e+00	0.0000e+00	-8.8793e+01	7.1701e+01	-1.2412e+02
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-9.9882e+00	5.1914e+01	-5.2477e+01
	941	0.0000e+00	0.0000e+00	0.0000e+00	5.4964e+01	8.5278e+00	-1.0566e+02
946	939	0.0000e+00	0.0000e+00	0.0000e+00	6.0197e+00	-5.3571e+01	-3.4497e+02
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-5.1476e+02	7.8195e+01	-1.7011e+02
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.5447e+02	1.4644e+02	-6.0452e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.2639e+01	6.0502e+01	-2.3532e+02
947	17	0.0000e+00	0.0000e+00	0.0000e+00	-2.3916e+03	-4.4145e+02	-5.3094e+02
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-2.2550e+01	-5.3148e+02	1.8360e+02
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-7.9455e+02	7.0210e+01	-8.4396e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-1.7946e+02	5.1220e+02	-7.9894e+02
948	1646	0.0000e+00	0.0000e+00	0.0000e+00	7.5103e+02	-2.1475e+01	3.9528e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	6.2840e+02	-1.3633e+02	3.0768e+02
	28	0.0000e+00	0.0000e+00	0.0000e+00	1.3849e+03	8.1755e+01	1.9783e+02
	1647	0.0000e+00	0.0000e+00	0.0000e+00	5.3485e+02	1.8455e+02	-7.0322e+01
949	1645	0.0000e+00	0.0000e+00	0.0000e+00	5.0886e+02	-5.9833e+01	2.2975e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	4.3074e+02	1.2599e+01	1.4900e+02
	1654	0.0000e+00	0.0000e+00	0.0000e+00	5.4421e+02	-1.3064e+01	1.8213e+02
	1646	0.0000e+00	0.0000e+00	0.0000e+00	6.4931e+02	-6.8719e+00	5.6102e+01
950	1644	0.0000e+00	0.0000e+00	0.0000e+00	4.1148e+02	-2.2223e+01	9.7066e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	3.4427e+02	3.4643e+01	6.3861e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	3.9263e+02	5.2464e+00	1.0438e+02
	1645	0.0000e+00	0.0000e+00	0.0000e+00	4.7228e+02	-1.8741e+01	5.0206e+01
951	1643	0.0000e+00	0.0000e+00	0.0000e+00	3.8660e+02	-1.0331e+01	-1.9141e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	3.1720e+02	2.9451e+01	-6.5613e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	3.2911e+02	2.8856e+01	3.2698e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	4.0028e+02	-9.6302e+00	1.9996e+01
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	4.1609e+02	-1.6248e+01	-5.0368e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	3.3799e+02	7.0996e+00	-7.4027e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	3.1990e+02	4.1894e+01	-3.4770e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	3.8652e+02	-1.3098e+01	-1.1132e+01
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	5.0856e+02	-3.4324e+01	-7.8672e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	4.1767e+02	-2.6009e+01	-1.4760e+02
	1650	0.0000e+00	0.0000e+00	0.0000e+00	3.5933e+02	3.7327e+01	-1.0682e+02
	1642	0.0000e+00	0.0000e+00	0.0000e+00	4.2801e+02	-3.5410e+01	-3.7896e+01
954	1640	0.0000e+00	0.0000e+00	0.0000e+00	7.2331e+02	-2.4969e+01	-7.5567e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	5.9950e+02	-5.1182e+01	-2.2822e+02
	1649	0.0000e+00	0.0000e+00	0.0000e+00	4.6481e+02	4.5795e+00	-1.9704e+02
	1641	0.0000e+00	0.0000e+00	0.0000e+00	5.5042e+02	-8.6228e+01	-4.4391e+01
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	5.8926e+02	2.0236e+02	8.9310e+01
	27	0.0000e+00	0.0000e+00	0.0000e+00	1.6064e+03	6.0946e+01	-2.3375e+02
	1648	0.0000e+00	0.0000e+00	0.0000e+00	7.0116e+02	-1.8279e+02	-3.7510e+02
	1640	0.0000e+00	0.0000e+00	0.0000e+00	8.4361e+02	-4.4980e+01	-5.2049e+01
956	1638	0.0000e+00	0.0000e+00	0.0000e+00	4.4403e+02	3.8622e+01	-3.4771e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	5.9830e+02	4.5200e+01	-3.2463e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	6.0073e+02	1.0231e+02	-1.2520e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	4.4627e+02	6.9298e+01	-1.4828e+01
957	1637	0.0000e+00	0.0000e+00	0.0000e+00	4.3798e+02	-2.9518e+01	-3.0827e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	4.8970e+02	-2.9002e+01	1.3415e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	5.5713e+02	-3.8406e+01	-1.3786e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	4.5967e+02	1.6071e+01	-5.7999e+01
958	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.9841e+02	-2.4642e+01	-2.2117e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	4.2212e+02	-2.2481e+01	1.3633e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	4.7315e+02	-2.8878e+01	7.0231e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	4.1938e+02	-1.3550e+01	-2.8724e+01
959	1635	0.0000e+00	0.0000e+00	0.0000e+00	3.8234e+02	-1.7940e+01	-1.4326e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	4.0120e+02	-1.4818e+01	-5.3635e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	4.1307e+02	-1.6603e+01	-4.0972e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.8868e+02	-1.5728e+01	-1.3108e+01
960	1634	0.0000e+00	0.0000e+00	0.0000e+00	4.0014e+02	-1.9839e+01	-3.8410e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	4.2709e+02	-2.1731e+01	-2.3320e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	4.0280e+02	-1.8557e+01	-2.3455e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	3.8494e+02	-2.0069e+01	-3.8951e+00

961	1633	0.0000e+00	0.0000e+00	0.0000e+00	4.4430e+02	-2.1192e+01	1.8434e+01
	1641	0.0000e+00	0.0000e+00	0.0000e+00	5.0609e+02	-4.2904e+01	-2.9027e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	4.3948e+02	-3.4964e+01	-4.0854e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	4.1550e+02	-3.3138e+01	6.6106e+00
962	1632	0.0000e+00	0.0000e+00	0.0000e+00	4.9551e+02	1.3275e+01	6.1048e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	6.0962e+02	-5.8556e+01	6.6092e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	5.2602e+02	-4.7364e+01	-3.2783e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	4.6897e+02	-4.1383e+01	2.1966e+01
963	1276	0.0000e+00	0.0000e+00	0.0000e+00	4.7979e+02	7.7485e+01	2.0970e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	6.6075e+02	1.0758e+02	1.8815e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	6.5812e+02	3.9415e+01	3.3629e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	4.7806e+02	4.0057e+01	3.5771e+01
964	1630	0.0000e+00	0.0000e+00	0.0000e+00	2.9651e+02	2.8575e+00	-4.1239e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	4.2006e+02	1.9967e+01	-4.1406e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	4.1367e+02	4.0867e+01	-1.3822e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	3.0258e+02	3.8956e+00	-1.3655e+01
965	1629	0.0000e+00	0.0000e+00	0.0000e+00	2.9500e+02	-2.9299e+00	-5.3935e+01
	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.9890e+02	-1.8376e+01	-4.5470e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	4.0367e+02	1.3233e+00	-5.2102e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	3.0730e+02	-1.4978e+00	-6.0567e+01
966	1628	0.0000e+00	0.0000e+00	0.0000e+00	2.8789e+02	1.5875e+00	-3.6368e+01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.6866e+02	-1.8015e+01	-2.2820e+01
	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.8717e+02	-2.1319e+01	-4.4182e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	2.9667e+02	2.0917e+00	-5.7730e+01
967	1627	0.0000e+00	0.0000e+00	0.0000e+00	2.8535e+02	6.1294e+00	-7.3423e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	3.5833e+02	-1.6258e+01	-4.2826e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.6313e+02	-1.8099e+01	-2.7553e+01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	2.8675e+02	6.2275e+00	-3.0632e+01
968	1626	0.0000e+00	0.0000e+00	0.0000e+00	2.9403e+02	5.1771e+00	2.5317e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	3.7401e+02	-2.2572e+01	1.4721e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	3.5959e+02	-1.7122e+01	-1.0084e+01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	2.8705e+02	4.6697e+00	6.3367e-01
969	1625	0.0000e+00	0.0000e+00	0.0000e+00	3.1129e+02	6.8560e-01	5.6867e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	4.0922e+02	-2.8923e+01	3.6938e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	3.8200e+02	-2.3608e+01	1.1379e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	2.9831e+02	-2.4785e+00	3.1282e+01
970	1624	0.0000e+00	0.0000e+00	0.0000e+00	3.2562e+02	-1.5882e+00	6.4311e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	4.3113e+02	-2.6436e+00	5.3356e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	4.2326e+02	-2.5273e+01	4.1828e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	3.1139e+02	-4.9716e+00	5.2779e+01
971	1265	0.0000e+00	0.0000e+00	0.0000e+00	3.2020e+02	1.0004e+01	1.7415e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	4.4191e+02	4.7611e+01	1.8292e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	4.4998e+02	2.1583e+01	4.4835e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	3.1388e+02	6.8429e+00	4.3952e+01
972	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.4406e+02	-4.2054e+01	-5.0894e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	2.7211e+02	-2.0747e+01	-4.4508e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.7021e+02	-2.2138e+01	-1.2056e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	1.5882e+02	-6.5194e+01	-1.8441e+01
973	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.3914e+02	1.0450e+01	-6.5015e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	2.5766e+02	-6.9086e+00	-5.6799e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	2.5719e+02	-1.3993e+01	-6.1390e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.5617e+02	-2.2226e+01	-6.9606e+01
974	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.4840e+02	3.3830e+01	-3.6156e+01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	2.4623e+02	6.9492e+00	-3.5414e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	2.4884e+02	-2.9024e+00	-6.1956e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.4730e+02	2.2888e+01	-6.2699e+01
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.5627e+02	4.0277e+01	-1.3189e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	2.4478e+02	1.0729e+01	-3.5493e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	2.4444e+02	7.0365e+00	-3.4506e+01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.5212e+02	3.8802e+01	-3.2274e+01
976	1618	0.0000e+00	0.0000e+00	0.0000e+00	1.5579e+02	3.9408e+01	3.2955e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	2.5084e+02	5.4869e+00	3.1049e+01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	2.4554e+02	1.0428e+01	-8.6196e-01



	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.5723e+02	3.9605e+01	1.1118e+00
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	1.5458e+02	2.4296e+01	6.5430e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.6071e+02	-4.3127e+00	6.1701e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	2.5410e+02	5.2049e+00	3.3033e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	1.5366e+02	3.3485e+01	3.6759e+01
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.6528e+02	-1.8930e+01	7.3804e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.7145e+02	-1.2169e+01	6.4500e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.7087e+02	-7.5763e+00	5.8120e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	1.4709e+02	1.1926e+01	6.7422e+01
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.6862e+02	-6.0519e+01	2.2030e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.8494e+02	-1.6690e+01	1.5495e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.8749e+02	-1.7369e+01	4.8029e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.5290e+02	-3.7955e+01	5.4561e+01
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	-4.5328e+01	-9.0716e+01	-7.2301e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.2127e+02	-6.9704e+01	-5.5889e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	1.2490e+02	-9.6266e+01	-1.2883e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.6259e+01	-1.6063e+02	-2.9294e+01
981	1613	0.0000e+00	0.0000e+00	0.0000e+00	-2.4878e+01	4.6376e+01	-5.9494e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	9.4787e+01	1.1220e+01	-5.5380e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	9.5899e+01	-3.4863e+01	-7.7772e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-1.7862e+01	-2.5564e+01	-8.1886e+01
982	1612	0.0000e+00	0.0000e+00	0.0000e+00	2.6158e+01	6.2738e+01	-9.8715e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.0279e+02	4.3532e+01	-3.1613e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	9.6465e+01	1.7293e+01	-6.2557e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-1.2091e+01	5.9517e+01	-4.0816e+01
983	1611	0.0000e+00	0.0000e+00	0.0000e+00	4.8582e+01	6.2907e+01	6.5255e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.1598e+02	4.5393e+01	-3.7742e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.1032e+02	3.8871e+01	-2.5647e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	3.3550e+01	6.4775e+01	-1.5348e+01
984	1610	0.0000e+00	0.0000e+00	0.0000e+00	3.4972e+01	6.6064e+01	1.8735e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	1.1340e+02	3.9021e+01	2.7216e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.1637e+02	4.5509e+01	4.9125e+00
	1611	0.0000e+00	0.0000e+00	0.0000e+00	4.9017e+01	6.2741e+01	-3.5707e+00
985	1609	0.0000e+00	0.0000e+00	0.0000e+00	-9.4563e+00	6.2056e+01	4.5120e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	1.0211e+02	1.8515e+01	6.5577e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	1.0664e+02	4.4053e+01	3.3669e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	2.8276e+01	6.3859e+01	1.3212e+01
986	1608	0.0000e+00	0.0000e+00	0.0000e+00	-1.4145e+01	-2.1911e+01	8.6788e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.0296e+02	-3.1741e+01	8.1982e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	1.0118e+02	1.3048e+01	5.8894e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-2.1758e+01	4.9047e+01	6.3700e+01
987	1243	0.0000e+00	0.0000e+00	0.0000e+00	-1.1519e+01	-1.5684e+02	3.4000e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.3302e+02	-9.2063e+01	1.6848e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.2898e+02	-6.6108e+01	5.9930e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-4.1359e+01	-8.6858e+01	7.7082e+01
988	1606	0.0000e+00	0.0000e+00	0.0000e+00	-3.6114e+02	-1.2603e+02	-9.2499e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-6.6882e+01	-1.2283e+02	-7.1391e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-5.6791e+01	-2.1101e+02	-2.1495e+01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-3.2874e+02	-3.0687e+02	-4.2603e+01
989	1605	0.0000e+00	0.0000e+00	0.0000e+00	-1.2970e+02	8.4648e+01	5.5381e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-9.0499e+01	8.5684e+01	-2.6398e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-1.2263e+02	-4.1950e+01	-1.1067e+02
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-2.6230e+02	1.2639e+02	-2.8892e+01
990	1604	0.0000e+00	0.0000e+00	0.0000e+00	-2.2986e+01	6.5367e+01	5.6331e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-1.0395e+01	7.4777e+01	-4.9913e+00
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-4.3783e+01	5.0569e+01	-1.4491e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	-1.1243e+02	7.8841e+01	4.6831e+01
991	1603	0.0000e+00	0.0000e+00	0.0000e+00	1.3053e+01	4.8432e+01	1.5452e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	2.7479e+01	6.2987e+01	-3.5987e+00
	1612	0.0000e+00	0.0000e+00	0.0000e+00	1.1464e+01	5.9912e+01	7.7144e+00
	1604	0.0000e+00	0.0000e+00	0.0000e+00	-1.0360e+01	5.2014e+01	2.6764e+01
992	1602	0.0000e+00	0.0000e+00	0.0000e+00	-1.0312e+01	5.3612e+01	-2.2599e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	1.2498e+01	6.0878e+01	-3.9634e+00

	1611	0.0000e+00	0.0000e+00	0.0000e+00	2.7618e+01	6.3283e+01	7.1234e+00
	1603	0.0000e+00	0.0000e+00	0.0000e+00	1.3188e+01	4.8547e+01	-1.1515e+01
993	1601	0.0000e+00	0.0000e+00	0.0000e+00	-1.1227e+02	8.2031e+01	-4.2086e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-4.1871e+01	5.2910e+01	1.8992e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	-9.2085e+00	7.6355e+01	8.9259e+00
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-2.2714e+01	6.7219e+01	-5.2151e+01
994	1600	0.0000e+00	0.0000e+00	0.0000e+00	-2.6212e+02	1.3063e+02	3.4368e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-1.1986e+02	-3.8487e+01	1.1591e+02
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-8.8287e+01	8.8548e+01	3.0994e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-1.2945e+02	8.8028e+01	-5.0553e+01
995	1232	0.0000e+00	0.0000e+00	0.0000e+00	-3.2728e+02	-3.0263e+02	4.9079e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-5.2728e+01	-2.0738e+02	2.6975e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-6.3738e+01	-1.1922e+02	7.6303e+01
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-3.6076e+02	-1.2190e+02	9.8407e+01
996	868	0.0000e+00	0.0000e+00	0.0000e+00	-1.7937e+02	5.1222e+02	7.9897e+02
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-7.9455e+02	7.0357e+01	8.4385e+01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-2.2628e+01	-5.3143e+02	-1.8372e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	-2.3915e+03	-4.4104e+02	5.3086e+02
997	867	0.0000e+00	0.0000e+00	0.0000e+00	-1.2603e+01	6.0535e+01	2.3532e+02
	1605	0.0000e+00	0.0000e+00	0.0000e+00	-1.5445e+02	1.4647e+02	6.0466e+01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-5.1473e+02	7.8273e+01	1.7013e+02
	868	0.0000e+00	0.0000e+00	0.0000e+00	5.9892e+00	-5.3499e+01	3.4498e+02
998	866	0.0000e+00	0.0000e+00	0.0000e+00	5.4978e+01	8.5400e+00	1.0566e+02
	1604	0.0000e+00	0.0000e+00	0.0000e+00	-9.9731e+00	5.1927e+01	5.2488e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	-8.8776e+01	7.1734e+01	1.2414e+02
	867	0.0000e+00	0.0000e+00	0.0000e+00	2.7726e+01	-2.7092e+01	1.7731e+02
999	865	0.0000e+00	0.0000e+00	0.0000e+00	6.9236e+01	-1.3782e+01	1.4670e+01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	2.9013e+01	3.4350e+01	2.6032e+00
	1604	0.0000e+00	0.0000e+00	0.0000e+00	7.2284e+00	4.1942e+01	5.8362e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	6.7775e+01	-2.0711e+01	7.0429e+01
1000	864	0.0000e+00	0.0000e+00	0.0000e+00	6.7071e+01	-1.8931e+01	-6.6643e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	7.1020e+00	4.3345e+01	-5.4172e+01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	2.8988e+01	3.4732e+01	1.4605e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	6.9219e+01	-1.3500e+01	-1.1021e+01
1001	863	0.0000e+00	0.0000e+00	0.0000e+00	2.6202e+01	-2.3408e+01	-1.7311e+02
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-8.9261e+01	7.4780e+01	-1.1944e+02
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-1.0175e+01	5.4096e+01	-4.8189e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	5.4210e+01	1.0849e+01	-1.0186e+02
1002	862	0.0000e+00	0.0000e+00	0.0000e+00	-7.8101e+00	-4.8466e+01	-3.4003e+02
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-5.1537e+02	8.2334e+01	-1.6456e+02
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-1.5508e+02	1.5020e+02	-5.5647e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.4045e+01	6.4752e+01	-2.3111e+02
1003	16	0.0000e+00	0.0000e+00	0.0000e+00	-2.3922e+03	-4.3664e+02	-5.2453e+02
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-2.5739e+01	-5.2785e+02	1.9008e+02
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-7.9540e+02	7.5351e+01	-7.8569e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-1.8236e+02	5.1746e+02	-7.9317e+02
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	9.0935e+02	-2.3618e+01	1.6335e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	7.5879e+02	-2.2608e+02	3.2679e+02
	31	0.0000e+00	0.0000e+00	0.0000e+00	1.6492e+03	8.8539e+01	1.9181e+02
	1427	0.0000e+00	0.0000e+00	0.0000e+00	5.9085e+02	1.7857e+02	-1.1867e+02
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	6.4552e+02	-1.1453e+02	3.9272e+00
	1598	0.0000e+00	0.0000e+00	0.0000e+00	5.3446e+02	-3.8000e+01	1.5328e+02
	1599	0.0000e+00	0.0000e+00	0.0000e+00	6.5472e+02	-4.6462e+01	1.8079e+02
	1593	0.0000e+00	0.0000e+00	0.0000e+00	8.0043e+02	-2.9379e+01	3.1413e+01
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	5.3946e+02	-7.4348e+01	8.8159e-01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	4.4746e+02	-1.0573e+01	5.9056e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	4.9479e+02	-3.6690e+01	1.0182e+02
	1592	0.0000e+00	0.0000e+00	0.0000e+00	5.9950e+02	-6.5579e+01	4.3528e+01
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	5.2914e+02	-6.3084e+01	-2.3331e+01
	1596	0.0000e+00	0.0000e+00	0.0000e+00	4.3570e+02	-1.5187e+01	-2.3403e+01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	4.3555e+02	-1.6775e+01	2.0060e+01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	5.2916e+02	-6.3230e+01	2.0132e+01
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	5.9992e+02	-6.4885e+01	-4.6813e+01

	1595	0.0000e+00	0.0000e+00	0.0000e+00	4.9521e+02	-3.4540e+01	-1.0524e+02
	1596	0.0000e+00	0.0000e+00	0.0000e+00	4.4761e+02	-1.1504e+01	-6.2404e+01
	1590	0.0000e+00	0.0000e+00	0.0000e+00	5.3990e+02	-7.3932e+01	-3.9924e+00
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	8.0125e+02	-2.8209e+01	-3.4888e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	6.5536e+02	-4.3893e+01	-1.8437e+02
	1595	0.0000e+00	0.0000e+00	0.0000e+00	5.3487e+02	-3.8184e+01	-1.5671e+02
	1589	0.0000e+00	0.0000e+00	0.0000e+00	6.4636e+02	-1.1357e+02	-7.2327e+00
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	5.9241e+02	1.8023e+02	1.1491e+02
	30	0.0000e+00	0.0000e+00	0.0000e+00	1.6496e+03	9.1488e+01	-1.9563e+02
	1594	0.0000e+00	0.0000e+00	0.0000e+00	7.5938e+02	-2.2538e+02	-3.3036e+02
	1588	0.0000e+00	0.0000e+00	0.0000e+00	9.1056e+02	-2.2296e+01	-1.9820e+01
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	5.1783e+02	3.3157e+01	-6.3168e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	7.0285e+02	5.9693e+01	-6.7424e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	6.9709e+02	8.5115e+01	-4.8864e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	5.1575e+02	7.1322e+01	-4.4612e+01
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	5.3476e+02	-5.1167e+01	-4.3624e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	6.0579e+02	-5.8851e+01	-9.3618e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	6.6029e+02	-7.6348e+01	-4.9330e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	5.4339e+02	3.2267e+00	-8.3598e+01
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	5.1022e+02	-6.0222e+01	-2.0333e+01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	5.4604e+02	-6.7610e+01	1.0240e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	5.9105e+02	-7.8052e+01	-9.1918e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	5.2152e+02	-4.3281e+01	-3.9749e+01
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	5.0389e+02	-5.5508e+01	4.2785e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	5.4034e+02	-6.7405e+01	4.0835e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	5.4019e+02	-6.7529e+01	-6.8900e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	5.0368e+02	-5.5682e+01	-6.6909e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	5.2233e+02	-4.2674e+01	3.7223e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	5.9172e+02	-7.7395e+01	6.2967e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	5.4641e+02	-6.7204e+01	-1.3089e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	5.1060e+02	-5.9954e+01	1.7890e+01
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	5.4481e+02	4.2407e+00	8.0877e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	6.6151e+02	-7.5184e+01	4.6191e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	6.0668e+02	-5.7953e+01	6.4145e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	5.3574e+02	-5.0474e+01	4.1065e+01
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	5.1785e+02	7.2762e+01	4.1640e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	6.9884e+02	8.6760e+01	4.5460e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	7.0427e+02	6.1027e+01	6.4226e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	5.1945e+02	3.4258e+01	6.0402e+01
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	3.4825e+02	3.0942e+00	-5.3091e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	4.9000e+02	1.4028e+01	-6.1806e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	4.7346e+02	4.2497e+01	-3.9111e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	3.4874e+02	4.6151e+00	-3.0401e+01
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	3.5552e+02	-1.0274e+01	-5.6543e+01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	4.8371e+02	-3.6786e+01	-5.6808e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	4.7812e+02	-9.3606e+00	-7.0108e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	3.6063e+02	-7.0051e+00	-6.9843e+01
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	3.5583e+02	-1.4065e+01	-2.6798e+01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	4.6412e+02	-4.9117e+01	-1.8918e+01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	4.7410e+02	-4.7565e+01	-5.1383e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	3.6037e+02	-1.2131e+01	-5.9263e+01
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	3.5647e+02	-1.2881e+01	1.7162e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	4.6068e+02	-5.2044e+01	1.6940e+01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	4.6048e+02	-5.2233e+01	-1.9160e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	3.5626e+02	-1.3025e+01	-1.8937e+01
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	3.6121e+02	-1.1657e+01	5.7409e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	4.7493e+02	-4.6971e+01	4.9080e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	4.6455e+02	-4.8895e+01	1.6683e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	3.5623e+02	-1.3873e+01	2.5010e+01
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	3.6211e+02	-6.2442e+00	6.7834e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	4.7961e+02	-8.4351e+00	6.7631e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	4.8478e+02	-3.6166e+01	5.4456e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	3.5656e+02	-9.7622e+00	5.4657e+01

1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	3.5090e+02	5.7610e+00	2.8155e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	4.7560e+02	4.3878e+01	3.6385e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	4.9173e+02	1.5059e+01	5.9263e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	3.4993e+02	3.9499e+00	5.1030e+01
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.7320e+02	-3.7022e+01	-5.7978e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	3.1523e+02	-2.1285e+01	-5.4153e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	3.0817e+02	-1.8501e+01	-2.7087e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	1.8730e+02	-6.1487e+01	-3.0911e+01
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.6569e+02	1.0808e+01	-6.6871e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	3.0674e+02	-1.6001e+01	-5.9139e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	3.0379e+02	-1.5926e+01	-6.7761e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.8288e+02	-2.3959e+01	-7.5494e+01
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	1.6808e+02	3.5628e+01	-2.9331e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	2.9670e+02	-7.6917e+00	-2.6104e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	2.9749e+02	-1.1839e+01	-6.1439e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.7323e+02	2.1590e+01	-6.4665e+01
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.7090e+02	4.0138e+01	2.0977e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.9400e+02	-6.6194e+00	2.0761e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	2.9380e+02	-6.7476e+00	-2.2311e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	1.7070e+02	4.0020e+01	-2.2094e+01
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.7400e+02	2.1961e+01	6.3483e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.9832e+02	-1.1409e+01	5.9821e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.9712e+02	-7.5131e+00	2.4540e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.6845e+02	3.5760e+01	2.8201e+01
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.8423e+02	-2.3341e+01	7.4174e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	3.0527e+02	-1.5201e+01	6.5997e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	3.0779e+02	-1.5521e+01	5.7477e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.6663e+02	1.1197e+01	6.5654e+01
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.8926e+02	-6.0612e+01	2.9384e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	3.1030e+02	-1.7481e+01	2.5099e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	3.1694e+02	-2.0507e+01	5.2319e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.7473e+02	-3.6393e+01	5.6604e+01
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	-3.2582e+01	-8.5863e+01	-8.4622e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.4233e+02	-6.5804e+01	-6.4989e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	1.4627e+02	-8.9878e+01	-2.4138e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	4.5999e+00	-1.5853e+02	-4.3767e+01
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	-2.9942e+01	4.6673e+01	-7.5166e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.1272e+02	7.9344e+00	-6.1854e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.1930e+02	-3.3723e+01	-8.2985e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.2541e+01	-2.6595e+01	-9.6297e+01
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	4.5230e+00	8.0294e+01	-1.8191e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	1.0551e+02	4.5573e+01	-2.7733e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.0741e+02	2.0989e+01	-6.7262e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.8877e+01	7.2100e+01	-5.7719e+01
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	7.1090e+00	8.8296e+01	1.8764e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.0693e+02	4.6964e+01	1.8577e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	1.0675e+02	4.6876e+01	-1.9495e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	6.9745e+00	8.8206e+01	-1.9307e+01
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.8268e+01	7.2363e+01	5.7119e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.0815e+02	2.1302e+01	6.6285e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.0588e+02	4.5707e+01	2.6802e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	4.6274e+00	8.0377e+01	1.7635e+01
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.1540e+01	-2.6157e+01	9.5571e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.2061e+02	-3.3188e+01	8.1876e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.1366e+02	8.2994e+00	6.0835e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-2.9177e+01	4.6932e+01	7.4530e+01
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	4.9455e+00	-1.5789e+02	4.2855e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.4814e+02	-8.9115e+01	2.2834e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.4383e+02	-6.5216e+01	6.3814e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-3.1341e+01	-8.5424e+01	8.3835e+01
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	-3.5767e+02	-1.8960e+02	-1.1120e+02
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-4.9497e+01	-1.1973e+02	-9.7353e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-4.9902e+01	-2.1150e+02	-3.7793e+01

	1372	0.0000e+00	0.0000e+00	0.0000e+00	-3.3176e+02	-2.7096e+02	-5.1637e+01
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.6274e+02	9.1694e+01	1.4169e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.0160e+02	8.3791e+01	-4.6254e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.1309e+02	-4.1268e+01	-1.3039e+02
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-2.6250e+02	1.3353e+02	-6.9982e+01
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	-6.8927e+01	9.1911e+01	3.3031e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-5.0042e+01	9.7650e+01	-1.8958e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-6.7213e+01	6.3950e+01	-3.7019e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.4740e+02	1.0891e+02	1.4978e+01
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	-6.0140e+01	8.9704e+01	-4.0336e-01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-3.7049e+01	9.0430e+01	-5.4770e-01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-3.7193e+01	9.0377e+01	-3.3372e-01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-6.0257e+01	8.9635e+01	-4.0507e-01
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.4693e+02	1.0908e+02	-1.5102e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-6.6619e+01	6.4151e+01	3.6588e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-4.9744e+01	9.7743e+01	1.8561e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-6.8707e+01	9.1955e+01	-3.3128e+01
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	-2.6165e+02	1.3379e+02	6.9737e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.1204e+02	-4.0916e+01	1.2983e+02
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.0084e+02	8.4026e+01	4.5781e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.6217e+02	9.1836e+01	-1.4314e+01
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	-3.3056e+02	-2.7052e+02	5.1188e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-4.8400e+01	-2.1097e+02	3.7054e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-4.8291e+01	-1.1933e+02	9.6736e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-3.5671e+02	-1.8937e+02	1.1087e+02
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	-2.0396e+02	5.9334e+02	7.9952e+02
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-8.6339e+02	4.1939e+00	7.0526e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	5.5146e+01	-4.9459e+02	-1.8986e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	-2.4651e+03	-5.1852e+02	5.3913e+02
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	-3.6279e+01	7.8022e+01	2.2472e+02
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-2.0905e+02	1.8873e+02	2.9637e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-6.0271e+02	5.4317e+01	1.3467e+02
	1077	0.0000e+00	0.0000e+00	0.0000e+00	4.8908e+00	-6.3065e+01	3.2976e+02
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	4.4177e+01	2.7134e+01	8.5254e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-5.4126e+01	8.5593e+01	2.2320e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.2796e+02	9.3741e+01	1.0423e+02
	1076	0.0000e+00	0.0000e+00	0.0000e+00	5.6052e+00	-2.5668e+01	1.6717e+02
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	5.5944e+01	-4.3325e+00	-3.7246e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-3.8525e+01	7.6766e+01	-3.7337e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-3.8623e+01	7.6742e+01	3.7358e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	5.5877e+01	-4.3818e+00	3.7448e+01
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	5.7416e+00	-2.5555e+01	-1.6699e+02
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.2756e+02	9.3849e+01	-1.0424e+02
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-5.3926e+01	8.5660e+01	-2.2307e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	4.4302e+01	2.7155e+01	-8.5060e+01
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	4.8360e+00	-6.2926e+01	-3.2964e+02
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-6.0194e+02	5.4480e+01	-1.3476e+02
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-2.0854e+02	1.8887e+02	-2.9683e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-3.5976e+01	7.8101e+01	-2.2457e+02
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	-2.4643e+03	-5.1866e+02	-5.3922e+02
	1307	0.0000e+00	0.0000e+00	0.0000e+00	5.6297e+01	-4.9427e+02	1.8945e+02
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-8.6246e+02	4.3604e+00	-7.0703e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-2.0349e+02	5.9344e+02	-7.9938e+02
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	9.1055e+02	-2.2294e+01	1.9825e+01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	7.5939e+02	-2.2538e+02	3.3036e+02
	26	0.0000e+00	0.0000e+00	0.0000e+00	1.6496e+03	9.1501e+01	1.9565e+02
	1277	0.0000e+00	0.0000e+00	0.0000e+00	5.9240e+02	1.8022e+02	-1.1489e+02
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	6.4636e+02	-1.1355e+02	7.2588e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	5.3488e+02	-3.8146e+01	1.5671e+02
	1557	0.0000e+00	0.0000e+00	0.0000e+00	6.5537e+02	-4.3843e+01	1.8438e+02
	1551	0.0000e+00	0.0000e+00	0.0000e+00	8.0124e+02	-2.8212e+01	3.4898e+01
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	5.3990e+02	-7.3928e+01	4.0547e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	4.4761e+02	-1.1408e+01	6.2409e+01

	1556	0.0000e+00	0.0000e+00	0.0000e+00	4.9522e+02	-3.4520e+01	1.0524e+02
	1550	0.0000e+00	0.0000e+00	0.0000e+00	5.9992e+02	-6.4879e+01	4.6819e+01
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	5.2916e+02	-6.3233e+01	-2.0148e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	4.3555e+02	-1.6797e+01	-2.0074e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	4.3570e+02	-1.5169e+01	2.3417e+01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	5.2914e+02	-6.3082e+01	2.3345e+01
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	5.9950e+02	-6.5595e+01	-4.3537e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	4.9478e+02	-3.6776e+01	-1.0182e+02
	1554	0.0000e+00	0.0000e+00	0.0000e+00	4.4746e+02	-1.0491e+01	-5.9062e+01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	5.3945e+02	-7.4354e+01	-1.2676e+00
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	8.0043e+02	-2.9444e+01	-3.1428e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	6.5471e+02	-4.6603e+01	-1.8079e+02
	1553	0.0000e+00	0.0000e+00	0.0000e+00	5.3445e+02	-3.7953e+01	-1.5328e+02
	1547	0.0000e+00	0.0000e+00	0.0000e+00	6.4551e+02	-1.1455e+02	-4.0662e+00
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	5.9086e+02	1.7860e+02	1.1871e+02
	25	0.0000e+00	0.0000e+00	0.0000e+00	1.6492e+03	8.8564e+01	-1.9180e+02
	1552	0.0000e+00	0.0000e+00	0.0000e+00	7.5877e+02	-2.2606e+02	-3.2679e+02
	1546	0.0000e+00	0.0000e+00	0.0000e+00	9.0935e+02	-2.3734e+01	-1.6398e+01
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	5.1945e+02	3.4267e+01	-6.0400e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	7.0427e+02	6.1043e+01	-6.4220e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	6.9884e+02	8.6753e+01	-4.5447e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	5.1785e+02	7.2755e+01	-4.1631e+01
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	5.3573e+02	-5.0470e+01	-4.1070e+01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	6.0667e+02	-5.7946e+01	-6.4639e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	6.6151e+02	-7.5178e+01	-4.6194e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	5.4481e+02	4.3018e+00	-8.0875e+01
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	5.1059e+02	-5.9951e+01	-1.7903e+01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	5.4641e+02	-6.7199e+01	1.3110e+01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	5.9172e+02	-7.7389e+01	-6.3533e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	5.2233e+02	-4.2671e+01	-3.7230e+01
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	5.0367e+02	-5.5686e+01	6.7202e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	5.4019e+02	-6.7529e+01	6.9217e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	5.4033e+02	-6.7404e+01	-4.1670e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	5.0389e+02	-5.5507e+01	-4.3473e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	5.2152e+02	-4.3298e+01	3.9753e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	5.9105e+02	-7.8061e+01	9.2049e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	5.4604e+02	-6.7618e+01	-1.0269e+01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	5.1022e+02	-6.0228e+01	2.0346e+01
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	5.4339e+02	3.5438e+00	8.3605e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	6.6029e+02	-7.6372e+01	4.9335e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	6.0578e+02	-5.8877e+01	9.3789e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	5.3476e+02	-5.1187e+01	4.3630e+01
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	5.1574e+02	7.1354e+01	4.4646e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	6.9709e+02	8.5155e+01	4.8898e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	7.0285e+02	5.9715e+01	6.7438e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	5.1783e+02	3.3196e+01	6.3178e+01
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	3.4993e+02	3.9734e+00	-5.1032e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.9172e+02	1.5072e+01	-5.9259e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.7560e+02	4.3871e+01	-3.6380e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	3.5090e+02	5.7555e+00	-2.8154e+01
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	3.5655e+02	-9.7688e+00	-5.4658e+01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.8477e+02	-3.6164e+01	-5.4457e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.7960e+02	-8.4512e+00	-6.7631e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	3.6210e+02	-6.2565e+00	-6.7834e+01
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	3.5622e+02	-1.3875e+01	-2.5013e+01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.6454e+02	-4.8892e+01	-1.6697e+01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.7492e+02	-4.6967e+01	-4.9084e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	3.6120e+02	-1.1660e+01	-5.7409e+01
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	3.5625e+02	-1.3035e+01	1.8950e+01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.6048e+02	-5.2237e+01	1.9173e+01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.6067e+02	-5.2043e+01	-1.6954e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	3.5646e+02	-1.2885e+01	-1.7169e+01
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	3.6036e+02	-1.2162e+01	5.9269e+01

	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.7409e+02	-4.7579e+01	5.1388e+01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.6412e+02	-4.9123e+01	1.8930e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	3.5582e+02	-1.4079e+01	2.6809e+01
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	3.6062e+02	-7.0999e+00	6.9850e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.7811e+02	-9.4660e+00	7.0115e+01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.8371e+02	-3.6806e+01	5.6814e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	3.5551e+02	-1.0319e+01	5.6549e+01
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	3.4872e+02	4.8327e+00	3.0431e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.7344e+02	4.2540e+01	3.9141e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.8999e+02	1.4104e+01	6.1819e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	3.4824e+02	3.3308e+00	5.3100e+01
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.7472e+02	-3.6386e+01	-5.6612e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	3.1693e+02	-2.0507e+01	-5.2320e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	3.1030e+02	-1.7487e+01	-2.5102e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.8926e+02	-6.0617e+01	-2.9394e+01
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.6662e+02	1.1216e+01	-6.5653e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	3.0778e+02	-1.5519e+01	-5.7476e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	3.0525e+02	-1.5200e+01	-6.6000e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.8421e+02	-2.3332e+01	-7.4178e+01
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.6843e+02	3.5768e+01	-2.8196e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.9711e+02	-7.5186e+00	-2.4542e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.9831e+02	-1.1409e+01	-5.9821e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.7398e+02	2.1976e+01	-6.3479e+01
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.7069e+02	4.0017e+01	2.2108e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.9379e+02	-6.7630e+00	2.2323e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.9399e+02	-6.6274e+00	-2.0763e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.7088e+02	4.0143e+01	-2.0973e+01
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.7322e+02	2.1585e+01	6.4673e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.9748e+02	-1.1868e+01	6.1444e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.9669e+02	-7.7115e+00	2.6115e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.6806e+02	3.5622e+01	2.9344e+01
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.8286e+02	-2.3985e+01	7.5496e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	3.0377e+02	-1.5966e+01	6.7766e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	3.0673e+02	-1.6029e+01	5.9146e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.6567e+02	1.0814e+01	6.6876e+01
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.8728e+02	-6.1491e+01	3.0921e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	3.0815e+02	-1.8541e+01	2.7112e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	3.1522e+02	-2.1317e+01	5.4162e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.7318e+02	-3.7041e+01	5.7977e+01
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	-3.1313e+01	-8.5400e+01	-8.3853e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.4381e+02	-6.5206e+01	-6.3821e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.4813e+02	-8.9118e+01	-2.2850e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	4.7152e+00	-1.5788e+02	-4.2882e+01
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	-2.9139e+01	4.6957e+01	-7.4526e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.1363e+02	8.3216e+00	-6.0833e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.2059e+02	-3.3175e+01	-8.1884e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.1439e+01	-2.6127e+01	-9.5577e+01
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	4.2883e+00	8.0388e+01	-1.7622e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.0586e+02	4.5716e+01	-2.6795e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.0812e+02	2.1318e+01	-6.6282e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.8201e+01	7.2386e+01	-5.7110e+01
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	6.7163e+00	8.8200e+01	1.9327e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.0673e+02	4.6873e+01	1.9511e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.0691e+02	4.6969e+01	-1.8571e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	6.8798e+00	8.8302e+01	-1.8752e+01
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.8754e+01	7.2078e+01	5.7731e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.0739e+02	2.0980e+01	6.7270e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.0549e+02	4.5565e+01	2.7747e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	4.0868e+00	8.0283e+01	1.8211e+01
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.2314e+01	-2.6633e+01	9.6293e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.1928e+02	-3.3746e+01	8.2982e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.1270e+02	7.9385e+00	6.1861e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-2.9859e+01	4.6650e+01	7.5173e+01

1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	3.8365e+00	-1.5853e+02	4.3749e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.4624e+02	-8.9880e+01	2.4143e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.4231e+02	-6.5819e+01	6.4988e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-3.2486e+01	-8.5890e+01	8.4606e+01
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-3.5672e+02	-1.8928e+02	-1.1090e+02
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-4.8288e+01	-1.1929e+02	-9.6745e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-4.8391e+01	-2.1096e+02	-3.7090e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-3.3055e+02	-2.7051e+02	-5.1243e+01
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.6216e+02	9.1879e+01	1.4332e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.0085e+02	8.4059e+01	-4.5773e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.1204e+02	-4.0882e+01	-1.2984e+02
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-2.6167e+02	1.3385e+02	-6.9733e+01
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	-6.8688e+01	9.1969e+01	3.3146e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-4.9720e+01	9.7756e+01	-1.8549e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-6.6610e+01	6.4176e+01	-3.6576e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.4692e+02	1.0911e+02	1.5118e+01
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-6.0234e+01	8.9629e+01	5.1582e-01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-3.7148e+01	9.0369e+01	5.1471e-01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-3.7012e+01	9.0437e+01	6.2385e-01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-6.0118e+01	8.9708e+01	4.6959e-01
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.4739e+02	1.0888e+02	-1.4969e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-6.7175e+01	6.3925e+01	3.7036e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-5.0004e+01	9.7637e+01	1.8977e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-6.8908e+01	9.1896e+01	-3.3015e+01
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	-2.6247e+02	1.3347e+02	6.9989e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.1306e+02	-4.1305e+01	1.3038e+02
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.0156e+02	8.3758e+01	4.6265e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.6274e+02	9.1651e+01	-1.4159e+01
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-3.3176e+02	-2.7097e+02	5.1586e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-4.9830e+01	-2.1151e+02	3.7765e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-4.9422e+01	-1.1976e+02	9.7347e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-3.5764e+02	-1.8969e+02	1.1117e+02
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	-2.0339e+02	5.9347e+02	7.9941e+02
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-8.6248e+02	4.4680e+00	7.0692e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	5.6199e+01	-4.9424e+02	-1.8958e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	-2.4642e+03	-5.1827e+02	5.3914e+02
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	-3.5912e+01	7.8132e+01	2.2457e+02
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-2.0851e+02	1.8891e+02	2.9695e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-6.0193e+02	5.4555e+01	1.3478e+02
	1011	0.0000e+00	0.0000e+00	0.0000e+00	4.6313e+00	-6.2854e+01	3.2965e+02
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	4.4277e+01	2.7165e+01	8.5064e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-5.3896e+01	8.5670e+01	2.2320e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.2754e+02	9.3882e+01	1.0425e+02
	1010	0.0000e+00	0.0000e+00	0.0000e+00	5.5135e+00	-2.5528e+01	1.6700e+02
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	5.5838e+01	-4.3836e+00	-3.7444e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-3.8589e+01	7.6732e+01	-3.7346e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-3.8489e+01	7.6775e+01	3.7351e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	5.5919e+01	-4.3230e+00	3.7252e+01
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	5.2425e+00	-2.5695e+01	-1.6716e+02
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.2796e+02	9.3708e+01	-1.0422e+02
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-5.4106e+01	8.5583e+01	-2.2309e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	4.4123e+01	2.7123e+01	-8.5250e+01
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	4.5232e+00	-6.3138e+01	-3.2975e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-6.0271e+02	5.4242e+01	-1.3466e+02
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-2.0906e+02	1.8870e+02	-2.9628e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-3.6258e+01	7.7991e+01	-2.2471e+02
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-2.4652e+03	-5.1891e+02	-5.3922e+02
	1162	0.0000e+00	0.0000e+00	0.0000e+00	5.5173e+01	-4.9463e+02	1.8973e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-8.6336e+02	4.0955e+00	-7.0539e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-2.0404e+02	5.9330e+02	-7.9948e+02
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	2.9929e+02	1.0312e+01	6.8940e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	2.1850e+02	6.4139e+01	1.4006e+02
	33	0.0000e+00	0.0000e+00	0.0000e+00	4.4065e+02	-8.3101e+01	1.2418e+02



	1506	0.0000e+00	0.0000e+00	0.0000e+00	2.0826e+02	5.3383e+00	5.3059e+01
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	2.4281e+02	2.4246e+01	4.4634e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	1.7362e+02	1.2874e+02	8.4548e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	1.8680e+02	-4.3947e+01	1.0209e+02
	1505	0.0000e+00	0.0000e+00	0.0000e+00	3.0322e+02	2.2539e+01	6.2160e+01
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	2.2473e+02	5.8135e+01	3.3870e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	1.6218e+02	1.3538e+02	4.6757e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	1.6237e+02	1.7051e+01	6.8499e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	2.4834e+02	4.7014e+01	5.5595e+01
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	2.3084e+02	7.2349e+01	1.3972e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	1.6985e+02	1.2507e+02	1.0002e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	1.5979e+02	6.5165e+01	3.3205e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	2.3342e+02	6.6946e+01	3.7261e+01
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	2.5531e+02	7.1135e+01	-1.0794e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	1.9322e+02	1.0282e+02	-2.9604e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	1.7482e+02	9.6551e+01	-4.6660e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	2.3862e+02	7.2584e+01	1.5438e+01
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	3.0022e+02	5.6385e+01	-3.7637e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	2.3409e+02	7.1051e+01	-7.3463e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	2.0532e+02	1.1147e+02	-4.4917e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	2.6290e+02	6.4059e+01	-9.3759e+00
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	3.7421e+02	3.0306e+01	-6.6072e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	2.9980e+02	3.1996e+01	-1.2511e+02
	1510	0.0000e+00	0.0000e+00	0.0000e+00	2.5481e+02	1.0990e+02	-9.2858e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	3.1039e+02	4.1357e+01	-3.3868e+01
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	4.9785e+02	2.6007e+00	-9.0143e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	4.0883e+02	-1.2002e+01	-1.8778e+02
	1509	0.0000e+00	0.0000e+00	0.0000e+00	3.3319e+02	8.9204e+01	-1.5272e+02
	1499	0.0000e+00	0.0000e+00	0.0000e+00	3.9358e+02	3.2003e+00	-5.5097e+01
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	7.3508e+02	1.6328e+01	-7.7482e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	6.0200e+02	-3.5873e+01	-2.5440e+02
	1508	0.0000e+00	0.0000e+00	0.0000e+00	4.6323e+02	3.7085e+01	-2.3235e+02
	1498	0.0000e+00	0.0000e+00	0.0000e+00	5.4790e+02	-6.1104e+01	-5.5446e+01
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	5.4536e+02	2.1093e+02	7.5664e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	1.6290e+03	9.3044e+01	-2.5609e+02
	1507	0.0000e+00	0.0000e+00	0.0000e+00	7.1688e+02	-1.7457e+02	-3.9733e+02
	1497	0.0000e+00	0.0000e+00	0.0000e+00	8.4638e+02	1.4582e+01	-6.5622e+01
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.7235e+02	2.5066e+01	6.1675e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	2.8332e+02	-4.7687e+00	6.7505e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	3.9799e+02	8.3560e+00	6.7286e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	1.6850e+02	-2.0858e+01	6.1457e+01
1113	1494	0.0000e+00	0.0000e+00	0.0000e+00	2.6489e+02	2.8354e+01	4.2149e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	2.6406e+02	3.3052e+01	5.4346e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	2.7075e+02	1.5580e+01	5.4211e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.8069e+02	2.0549e+01	4.2012e+01
1114	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.6041e+02	4.8265e+01	3.9189e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	2.5166e+02	5.3667e+01	4.5466e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	2.6359e+02	4.6854e+01	5.1363e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	2.6006e+02	3.9417e+01	4.5083e+01
1115	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.6319e+02	5.6658e+01	3.0328e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	2.5614e+02	6.6126e+01	2.6454e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	2.5318e+02	6.5599e+01	3.6727e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.5896e+02	5.2644e+01	4.0614e+01
1116	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.7880e+02	5.4281e+01	2.0731e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	2.7689e+02	6.4562e+01	5.7962e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	2.6094e+02	6.9533e+01	1.6512e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.6606e+02	5.5263e+01	3.1952e+01
1117	1490	0.0000e+00	0.0000e+00	0.0000e+00	3.0973e+02	4.2136e+01	1.3704e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	3.1700e+02	4.9807e+01	-1.6348e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	2.8572e+02	5.9776e+01	-7.1726e+00
	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.8683e+02	4.6763e+01	2.3070e+01
1118	1489	0.0000e+00	0.0000e+00	0.0000e+00	3.5830e+02	2.4532e+01	1.4037e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	3.8231e+02	2.2775e+01	-3.2843e+01

	1500	0.0000e+00	0.0000e+00	0.0000e+00	3.3107e+02	3.8047e+01	-2.9100e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	3.2413e+02	2.8155e+01	1.7688e+01
1119	1488	0.0000e+00	0.0000e+00	0.0000e+00	4.1707e+02	1.4993e+01	2.9646e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	4.8287e+02	-1.3205e+01	-3.4248e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	4.0258e+02	8.6240e+00	-4.5443e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	3.8026e+02	5.2123e+00	1.8491e+01
1120	1487	0.0000e+00	0.0000e+00	0.0000e+00	4.6780e+02	4.3992e+01	6.2596e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	5.8613e+02	-3.1729e+01	6.1718e+00
	1498	0.0000e+00	0.0000e+00	0.0000e+00	5.0736e+02	-7.2092e+00	-3.0662e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	4.4122e+02	-4.7318e+00	2.6849e+01
1121	1426	0.0000e+00	0.0000e+00	0.0000e+00	4.6029e+02	1.0029e+02	1.6545e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	6.4572e+02	1.1722e+02	5.3693e+00
	1497	0.0000e+00	0.0000e+00	0.0000e+00	6.3558e+02	9.5976e+01	2.6260e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	4.4951e+02	6.7309e+01	3.7548e+01
1122	1485	0.0000e+00	0.0000e+00	0.0000e+00	2.1641e+02	2.1484e+01	6.5778e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.4966e+02	-9.6486e+00	6.2593e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	3.6815e+02	-1.1995e+01	6.1544e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	9.2174e+01	-4.0637e+01	6.4729e+01
1123	1484	0.0000e+00	0.0000e+00	0.0000e+00	2.1585e+02	3.0211e+01	4.1341e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	2.5505e+02	3.5001e+01	4.2044e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.4254e+02	1.1867e+01	4.2419e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	2.2965e+02	1.5828e+01	4.1716e+01
1124	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.2139e+02	4.7033e+01	4.2590e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.5254e+02	4.7639e+01	4.2443e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	2.5616e+02	3.4975e+01	4.1148e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	2.1750e+02	3.8378e+01	4.1295e+01
1125	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.2663e+02	5.3009e+01	4.1276e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.5760e+02	5.3370e+01	3.7375e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.5390e+02	4.9185e+01	3.7264e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.2310e+02	4.9764e+01	4.1166e+01
1126	1481	0.0000e+00	0.0000e+00	0.0000e+00	2.3520e+02	5.2548e+01	4.1614e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.7200e+02	4.8536e+01	3.2174e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.6057e+02	5.3616e+01	3.1221e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.2915e+02	5.1654e+01	4.0662e+01
1127	1480	0.0000e+00	0.0000e+00	0.0000e+00	2.4872e+02	4.6555e+01	4.6828e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	2.9800e+02	3.4511e+01	3.0542e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.7699e+02	4.7963e+01	2.5664e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	2.3961e+02	4.6540e+01	4.1936e+01
1128	1479	0.0000e+00	0.0000e+00	0.0000e+00	2.6804e+02	3.6305e+01	5.9363e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	3.3658e+02	1.4713e+01	3.5759e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	3.0593e+02	3.3948e+01	2.4823e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	2.5508e+02	3.6175e+01	4.8386e+01
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.8931e+02	2.5648e+01	7.3870e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	3.8251e+02	2.8153e+00	4.7393e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	3.4844e+02	1.6973e+01	3.3139e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	2.7451e+02	2.4165e+01	5.9582e+01
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	3.0341e+02	2.1651e+01	6.6806e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	4.0960e+02	2.6459e+01	5.3261e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	3.9779e+02	1.1257e+01	5.1747e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.9020e+02	1.9193e+01	6.5284e+01
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	3.0300e+02	2.5700e+01	1.6247e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	4.2154e+02	6.7970e+01	1.4400e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	4.2560e+02	4.8074e+01	4.4369e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.9547e+02	2.5407e+01	4.6229e+01
1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.4758e+02	1.4982e+01	7.4503e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.8732e+02	-2.3835e+01	7.0284e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	3.2542e+02	-2.5374e+01	6.6362e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	6.6211e+00	-5.5492e+01	7.0582e+01
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.4826e+02	2.8839e+01	4.7444e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	2.0043e+02	3.2448e+01	4.4633e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.8123e+02	7.5423e+00	4.4977e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.6229e+02	1.0381e+01	4.7788e+01
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.5898e+02	4.6909e+01	5.0043e+01

	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.0410e+02	4.4854e+01	4.5547e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	2.0336e+02	3.4286e+01	4.2972e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.5143e+02	3.7823e+01	4.7468e+01
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.6487e+02	5.2342e+01	4.8227e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.0977e+02	4.9832e+01	4.4461e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.0608e+02	4.6762e+01	4.2202e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.6161e+02	4.9156e+01	4.5968e+01
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.6519e+02	5.4961e+01	4.7636e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	2.1602e+02	4.7321e+01	4.5513e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.1113e+02	5.1135e+01	4.1677e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.6615e+02	5.1830e+01	4.3799e+01
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.5964e+02	5.6553e+01	5.2612e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	2.2344e+02	3.9735e+01	5.2038e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	2.1644e+02	4.9674e+01	4.3267e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.6555e+02	5.1924e+01	4.3837e+01
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	1.5046e+02	5.3638e+01	6.6279e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	2.3316e+02	2.7987e+01	6.5772e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	2.2391e+02	4.3085e+01	5.0563e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.5875e+02	5.0479e+01	5.1065e+01
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	1.4539e+02	3.4322e+01	8.2333e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.4534e+02	1.4857e+01	7.8463e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	2.3647e+02	3.0535e+01	6.3762e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	1.4709e+02	4.2925e+01	6.7627e+01
1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	1.5222e+02	-1.1636e+01	7.6580e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.5846e+02	5.8700e+00	6.6959e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.5457e+02	1.3358e+01	7.1665e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	1.3834e+02	1.9605e+01	8.1283e+01
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	1.5779e+02	-4.9967e+01	2.2199e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	2.6925e+02	-3.7902e+00	1.5176e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.7037e+02	3.2803e+00	5.0366e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	1.4370e+02	-2.7407e+01	5.7398e+01
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	7.1263e+01	1.1085e+01	8.5381e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.1328e+02	-3.6200e+01	7.9614e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	2.7044e+02	-3.7385e+01	7.4423e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	-9.7047e+01	-7.3115e+01	8.0191e+01
1143	1464	0.0000e+00	0.0000e+00	0.0000e+00	8.1172e+01	2.7848e+01	6.1099e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.3008e+02	3.2408e+01	5.3172e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.0612e+02	2.4057e+00	5.0886e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	9.0560e+01	1.0825e+01	5.8813e+01
1144	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.0073e+02	4.1678e+01	6.2796e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.3972e+02	4.4355e+01	5.2605e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.3627e+02	3.2905e+01	5.1899e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	8.5435e+01	3.7130e+01	6.2089e+01
1145	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.0811e+02	4.4128e+01	5.1744e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.4703e+02	4.8313e+01	4.7464e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.4353e+02	4.4891e+01	5.0393e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.0373e+02	4.2728e+01	5.4673e+01
1146	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.0207e+02	4.8640e+01	3.9457e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.4548e+02	4.8946e+01	4.3782e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.4742e+02	4.9874e+01	4.6381e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.0809e+02	4.4546e+01	4.2056e+01
1147	1460	0.0000e+00	0.0000e+00	0.0000e+00	7.9851e+01	5.8354e+01	3.1659e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.3392e+02	4.9244e+01	4.6126e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.4161e+02	5.3920e+01	4.3879e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	9.8809e+01	4.9709e+01	2.9416e+01
1148	1459	0.0000e+00	0.0000e+00	0.0000e+00	4.0007e+01	7.0576e+01	3.5609e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	1.1386e+02	4.5073e+01	5.9870e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.2572e+02	5.7804e+01	4.7683e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	7.2781e+01	5.8793e+01	2.3439e+01
1149	1458	0.0000e+00	0.0000e+00	0.0000e+00	-1.2707e+01	6.5213e+01	5.8122e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	9.7304e+01	2.3397e+01	8.3868e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	1.0407e+02	5.2801e+01	5.9729e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	2.8501e+01	6.3386e+01	3.3989e+01

1150	1457	0.0000e+00	0.0000e+00	0.0000e+00	-2.1290e+01	-2.5574e+01	8.9354e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	9.9613e+01	-2.7512e+01	8.4516e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	9.7337e+01	1.6649e+01	7.2123e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-2.7832e+01	4.1594e+01	7.6958e+01
1151	1393	0.0000e+00	0.0000e+00	0.0000e+00	-1.6187e+01	-1.5364e+02	3.3303e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	1.2317e+02	-8.2005e+01	1.6653e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	1.2014e+02	-5.6056e+01	6.2492e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	-4.3529e+01	-8.3916e+01	7.9147e+01
1152	1455	0.0000e+00	0.0000e+00	0.0000e+00	6.2245e+00	2.2711e+01	1.1142e+02
	1465	0.0000e+00	0.0000e+00	0.0000e+00	3.2032e+01	-4.1552e+01	9.5863e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	2.1069e+02	-5.4546e+01	8.4762e+01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-2.0654e+02	-9.4449e+01	1.0032e+02
1153	1454	0.0000e+00	0.0000e+00	0.0000e+00	4.3984e+01	2.5803e+01	9.6693e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	6.2537e+01	3.8437e+01	7.0645e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	2.7516e+01	2.6101e+00	6.4379e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	3.1524e+01	2.6378e+01	9.0424e+01
1154	1453	0.0000e+00	0.0000e+00	0.0000e+00	7.0862e+01	2.4658e+01	8.2194e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	8.7587e+01	3.8030e+01	6.4547e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	7.7552e+01	3.0762e+01	7.3530e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	4.8545e+01	2.4717e+01	9.1177e+01
1155	1452	0.0000e+00	0.0000e+00	0.0000e+00	7.8466e+01	2.0511e+01	5.3052e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	9.8652e+01	3.7565e+01	4.8016e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	9.3853e+01	3.5904e+01	6.3000e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	7.4042e+01	2.0519e+01	6.8035e+01
1156	1451	0.0000e+00	0.0000e+00	0.0000e+00	7.0949e+01	2.3136e+01	2.2591e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	9.2215e+01	4.0625e+01	2.9810e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	9.8890e+01	3.8455e+01	4.6038e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	7.7648e+01	2.0744e+01	3.8801e+01
1157	1450	0.0000e+00	0.0000e+00	0.0000e+00	4.4462e+01	3.4685e+01	-8.6032e+00
	1460	0.0000e+00	0.0000e+00	0.0000e+00	6.6274e+01	4.9846e+01	1.4176e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	8.6299e+01	4.6075e+01	2.9122e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	6.5762e+01	2.8705e+01	6.9090e+00
1158	1449	0.0000e+00	0.0000e+00	0.0000e+00	-1.2190e+01	5.8533e+01	-3.5526e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	1.4709e+01	6.0749e+01	9.2759e+00
	1460	0.0000e+00	0.0000e+00	0.0000e+00	5.1793e+01	6.2106e+01	1.7588e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	3.3316e+01	4.6206e+01	-2.7205e+01
1159	1448	0.0000e+00	0.0000e+00	0.0000e+00	-1.3332e+02	9.6842e+01	-4.1663e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-5.2758e+01	5.2146e+01	3.4748e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	-1.3648e+01	8.0709e+01	1.7732e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-3.2042e+01	7.3038e+01	-5.8721e+01
1160	1447	0.0000e+00	0.0000e+00	0.0000e+00	-2.6573e+02	1.3331e+02	5.0244e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	-1.1775e+02	-4.2325e+01	1.2301e+02
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-9.4670e+01	7.8789e+01	3.8138e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-1.5478e+02	8.7505e+01	-3.4648e+01
1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	-3.4218e+02	-2.6669e+02	3.6884e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-6.2719e+01	-2.0758e+02	2.7959e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	-5.7395e+01	-1.1755e+02	8.6775e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-3.6395e+02	-1.8616e+02	9.5702e+01
1162	782	0.0000e+00	0.0000e+00	0.0000e+00	7.7885e+01	9.3943e+01	2.4211e+02
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-7.4117e+01	-7.8523e+00	1.4521e+02
	1456	0.0000e+00	0.0000e+00	0.0000e+00	1.8446e+02	-7.6156e+01	8.9896e+01
	22	0.0000e+00	0.0000e+00	0.0000e+00	-3.5951e+02	-5.6871e+01	1.8677e+02
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	7.6441e+01	3.1421e+00	1.3101e+02
	1454	0.0000e+00	0.0000e+00	0.0000e+00	4.6083e+01	3.3735e+01	1.0114e+02
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-3.6822e+01	1.6364e+01	1.2958e+02
	782	0.0000e+00	0.0000e+00	0.0000e+00	1.0325e+02	-1.3050e+01	1.5945e+02
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	8.2804e+01	-1.0977e+01	9.1682e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	7.5586e+01	1.2311e+01	8.1523e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	6.2450e+01	2.0078e+01	1.0965e+02
	781	0.0000e+00	0.0000e+00	0.0000e+00	7.7410e+01	-1.8724e+01	1.1980e+02
1165	779	0.0000e+00	0.0000e+00	0.0000e+00	8.1072e+01	-1.8922e+01	4.9905e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	8.3356e+01	9.0412e+00	4.8899e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	7.9352e+01	1.2100e+01	7.6306e+01

	780	0.0000e+00	0.0000e+00	0.0000e+00	8.3337e+01	-2.0318e+01	7.7304e+01
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	7.7296e+01	-2.0655e+01	8.7777e+00
	1451	0.0000e+00	0.0000e+00	0.0000e+00	7.6491e+01	1.3078e+01	1.3484e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	8.3202e+01	9.4713e+00	4.1936e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	7.9674e+01	-1.9437e+01	3.7054e+01
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	7.0246e+01	-1.9224e+01	-4.0169e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	5.3514e+01	2.6729e+01	-2.7439e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	7.3206e+01	1.4378e+01	6.9480e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	7.4013e+01	-1.3750e+01	-6.5967e+00
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	5.5797e+01	-1.7028e+01	-1.0554e+02
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-4.0975e+00	5.1940e+01	-7.6121e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	4.4505e+01	3.0849e+01	-3.0166e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	6.3046e+01	1.3885e+00	-5.9569e+01
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	-8.3675e+00	-2.4698e+01	-2.0782e+02
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-1.2177e+02	8.7719e+01	-1.3240e+02
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-2.7250e+01	6.4830e+01	-6.6544e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	3.7019e+01	3.4233e+01	-1.4196e+02
1170	774	0.0000e+00	0.0000e+00	0.0000e+00	-1.3608e+01	-5.5344e+01	-3.5567e+02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-6.1051e+02	5.8026e+01	-1.5521e+02
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-2.0626e+02	1.8397e+02	-5.8963e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-4.8340e+01	8.8306e+01	-2.5942e+02
1171	21	0.0000e+00	0.0000e+00	0.0000e+00	-2.4829e+03	-5.0557e+02	-5.5612e+02
	1382	0.0000e+00	0.0000e+00	0.0000e+00	4.3191e+01	-4.8818e+02	1.7667e+02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-8.7326e+02	8.6707e+00	-9.0770e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-2.1675e+02	6.0659e+02	-8.2356e+02
1172	1436	0.0000e+00	0.0000e+00	0.0000e+00	8.2422e+02	-2.4938e+01	5.8354e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	6.9002e+02	-1.6625e+02	3.8244e+02
	32	0.0000e+00	0.0000e+00	0.0000e+00	1.6162e+03	7.6094e+01	2.3748e+02
	1437	0.0000e+00	0.0000e+00	0.0000e+00	5.5476e+02	2.1898e+02	-8.6611e+01
1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	5.2599e+02	-6.7159e+01	4.8104e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	4.4924e+02	2.3938e+01	2.0383e+02
	1446	0.0000e+00	0.0000e+00	0.0000e+00	5.8706e+02	-3.8205e+01	2.3440e+02
	1436	0.0000e+00	0.0000e+00	0.0000e+00	7.0373e+02	-7.5743e+00	7.8668e+01
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	3.9384e+02	-1.2441e+01	4.0006e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	3.3523e+02	6.5317e+01	1.1597e+02
	1445	0.0000e+00	0.0000e+00	0.0000e+00	3.9937e+02	-1.2422e+01	1.5599e+02
	1435	0.0000e+00	0.0000e+00	0.0000e+00	4.8363e+02	-1.2850e+01	8.0028e+01
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	3.3474e+02	1.6738e+01	1.1495e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	2.7945e+02	7.7333e+01	4.8405e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	3.0871e+02	2.5086e+01	8.6012e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	3.8030e+02	1.1419e+01	4.9088e+01
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	3.1793e+02	2.8856e+01	-2.1133e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	2.5971e+02	7.1753e+01	-1.0869e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	2.6797e+02	5.4498e+01	2.4959e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	3.3050e+02	2.6836e+01	1.4690e+01
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	3.3583e+02	2.5538e+01	-5.5307e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	2.7012e+02	5.1857e+01	-6.8749e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	2.6037e+02	7.3092e+01	-3.2706e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	3.1834e+02	2.8390e+01	-1.9272e+01
1178	1430	0.0000e+00	0.0000e+00	0.0000e+00	3.9195e+02	7.9104e+00	-9.0351e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	3.1391e+02	1.9071e+01	-1.3085e+02
	1441	0.0000e+00	0.0000e+00	0.0000e+00	2.8305e+02	7.8568e+01	-9.2454e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	3.4074e+02	1.4368e+01	-5.1956e+01
1179	1429	0.0000e+00	0.0000e+00	0.0000e+00	5.0268e+02	-2.0468e+01	-1.2230e+02
	1439	0.0000e+00	0.0000e+00	0.0000e+00	4.0830e+02	-2.3426e+01	-2.0272e+02
	1440	0.0000e+00	0.0000e+00	0.0000e+00	3.4230e+02	6.6859e+01	-1.6135e+02
	1430	0.0000e+00	0.0000e+00	0.0000e+00	4.0572e+02	-1.8026e+01	-8.0930e+01
1180	1428	0.0000e+00	0.0000e+00	0.0000e+00	7.3166e+02	-2.0862e+01	-1.2256e+02
	1438	0.0000e+00	0.0000e+00	0.0000e+00	6.0093e+02	-5.8992e+01	-2.8407e+02
	1439	0.0000e+00	0.0000e+00	0.0000e+00	4.6080e+02	2.5527e+01	-2.5140e+02
	1429	0.0000e+00	0.0000e+00	0.0000e+00	5.4450e+02	-7.7388e+01	-8.9889e+01
1181	1427	0.0000e+00	0.0000e+00	0.0000e+00	6.0046e+02	1.9254e+02	3.9225e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	1.6296e+03	3.8668e+01	-2.9251e+02

	1438	0.0000e+00	0.0000e+00	0.0000e+00	7.0754e+02	-1.6481e+02	-4.3262e+02
	1428	0.0000e+00	0.0000e+00	0.0000e+00	8.5035e+02	-4.3440e+01	-1.0092e+02
1182	1425	0.0000e+00	0.0000e+00	0.0000e+00	4.5903e+02	5.5223e+01	-3.2983e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	6.3817e+02	5.5813e+01	-2.8696e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	6.4609e+02	1.2629e+02	-1.2885e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	4.5981e+02	9.5572e+01	-1.7184e+01
1183	1424	0.0000e+00	0.0000e+00	0.0000e+00	4.4565e+02	-2.6731e+01	-2.3284e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	5.0129e+02	-2.9729e+01	3.4360e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	5.8849e+02	-4.0507e+01	-2.4970e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	4.7517e+02	2.9035e+01	-5.9861e+01
1184	1423	0.0000e+00	0.0000e+00	0.0000e+00	3.8553e+02	-1.5881e+01	-1.4431e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	4.0552e+02	-1.3192e+01	3.8702e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	4.7997e+02	-2.2144e+01	3.0965e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	4.1865e+02	-4.3147e+00	-2.2176e+01
1185	1422	0.0000e+00	0.0000e+00	0.0000e+00	3.4348e+02	2.3825e+00	-1.4096e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	3.5262e+02	1.0511e+01	1.5901e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	3.9020e+02	4.7757e+00	2.1939e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	3.6658e+02	1.5949e+00	-8.0983e+00
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.2930e+02	1.1059e+01	-1.9264e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	3.3557e+02	2.2165e+01	-1.1383e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	3.4569e+02	1.9889e+01	-1.1563e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	3.3518e+02	1.0204e+01	-8.6992e+00
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	3.4188e+02	8.9473e+00	-2.5405e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	3.5146e+02	1.9423e+01	-3.8399e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	3.3657e+02	2.0924e+01	-2.7649e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.3043e+02	1.0373e+01	-1.4660e+01
1188	1419	0.0000e+00	0.0000e+00	0.0000e+00	3.8144e+02	-3.3496e+00	-2.6334e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	4.0315e+02	3.0052e+00	-6.1680e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	3.6040e+02	7.4629e+00	-5.5200e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	3.5251e+02	2.6292e+00	-1.9851e+01
1189	1418	0.0000e+00	0.0000e+00	0.0000e+00	4.4259e+02	-1.2264e+01	-1.2545e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	5.0106e+02	-2.8613e+01	-7.1692e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	4.2058e+02	-1.9731e+01	-7.8816e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	4.0295e+02	-2.1963e+01	-1.9588e+01
1190	1417	0.0000e+00	0.0000e+00	0.0000e+00	5.1004e+02	1.4457e+01	2.5740e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	6.2007e+02	-5.2829e+01	-3.9879e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	5.2477e+02	-4.1367e+01	-7.5854e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	4.7269e+02	-3.7515e+01	-1.0540e+01
1191	1416	0.0000e+00	0.0000e+00	0.0000e+00	5.0978e+02	7.2055e+01	-1.4010e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	6.9286e+02	1.0266e+02	-2.9601e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	6.7245e+02	3.4755e+01	-1.4948e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	4.9856e+02	3.6153e+01	-2.0358e+00
1192	1414	0.0000e+00	0.0000e+00	0.0000e+00	2.9798e+02	1.8369e+01	-4.1613e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	4.3100e+02	3.6676e+01	-4.3393e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	4.2352e+02	6.4021e+01	-1.3744e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	3.0186e+02	2.3968e+01	-1.1974e+01
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	2.9641e+02	3.8962e+00	-5.6589e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	4.0190e+02	-1.1156e+01	-4.5062e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	4.1191e+02	1.2417e+01	-5.2353e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	3.0978e+02	1.2074e+01	-6.3884e+01
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	2.8333e+02	4.7094e+00	-4.4171e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	3.5587e+02	-7.0873e+00	-2.2538e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	3.8769e+02	-1.4740e+01	-4.1043e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	2.9538e+02	1.0161e+01	-6.2684e+01
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	2.7105e+02	1.1719e+01	-2.7416e+01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	3.2512e+02	4.4546e+00	-1.3281e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	3.4714e+02	-5.9764e+00	-2.7258e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	2.7770e+02	1.4237e+01	-4.1403e+01
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.6760e+02	1.5994e+01	-1.4571e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.1608e+02	9.2674e+00	-1.1659e+01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	3.2178e+02	5.5613e+00	-2.0978e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	2.6782e+02	1.6869e+01	-2.3895e+01
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	2.7446e+02	1.5688e+01	-2.4067e+00

	1420	0.0000e+00	0.0000e+00	0.0000e+00	3.2864e+02	4.5537e+00	-1.0718e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.1722e+02	8.4855e+00	-2.0034e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.6872e+02	1.5148e+01	-1.1574e+01
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	2.9224e+02	1.0650e+01	1.5609e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	3.6234e+02	-1.0076e+01	-4.5959e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	3.3426e+02	2.4296e+00	-1.8538e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	2.7996e+02	8.7829e+00	-1.7534e+00
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	3.1820e+02	3.2791e+00	3.7767e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	4.1204e+02	-2.2731e+01	9.9937e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	3.7338e+02	-1.3096e+01	-9.4570e+00
	1408	0.0000e+00	0.0000e+00	0.0000e+00	3.0030e+02	-1.6717e+00	1.8636e+01
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	3.4151e+02	-9.6807e-01	4.1526e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	4.4724e+02	-2.3990e+00	2.2780e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	4.2864e+02	-2.1403e+01	1.3649e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	3.2201e+02	-6.0994e+00	3.2348e+01
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	3.4421e+02	7.3153e+00	-4.6760e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	4.7188e+02	4.0802e+01	-1.1586e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	4.6887e+02	1.9478e+01	1.3883e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	3.3315e+02	3.3073e+00	2.0766e+01
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	1.4382e+02	-3.0888e+01	-5.0360e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	2.7391e+02	-7.4823e+00	-4.5579e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	2.7188e+02	-4.8887e+00	-9.5154e+00
	1404	0.0000e+00	0.0000e+00	0.0000e+00	1.5554e+02	-5.1067e+01	-1.4297e+01
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	1.4243e+02	1.4550e+01	-6.8512e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	2.5905e+02	1.5100e+00	-6.1685e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	2.5828e+02	-3.7753e+00	-6.3701e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	1.5705e+02	-1.3063e+01	-7.0530e+01
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	1.5667e+02	3.0331e+01	-4.5422e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	2.4469e+02	1.1663e+01	-4.5603e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	2.5033e+02	1.9044e+00	-6.7212e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	1.5069e+02	2.5662e+01	-6.7033e+01
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.7136e+02	3.0939e+01	-2.2791e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	2.3919e+02	1.6937e+01	-2.6157e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	2.4368e+02	9.0948e+00	-4.6523e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	1.6007e+02	3.5265e+01	-4.3157e+01
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.7883e+02	2.9591e+01	-8.3693e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.4081e+02	1.6821e+01	-1.1450e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	2.4066e+02	1.4371e+01	-2.6893e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.7275e+02	3.2021e+01	-2.3809e+01
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	1.7838e+02	3.0922e+01	4.9654e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	2.4713e+02	1.3002e+01	3.1403e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.4186e+02	1.6149e+01	-1.2563e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.7980e+02	2.8773e+01	-1.0659e+01
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	1.7219e+02	3.2111e+01	2.4608e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	2.5778e+02	5.3680e+00	2.2996e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	2.4772e+02	1.4177e+01	2.4522e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	1.7896e+02	2.8155e+01	3.9344e+00
1209	1396	0.0000e+00	0.0000e+00	0.0000e+00	1.6901e+02	2.0257e+01	4.9490e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	2.7224e+02	-5.4492e+00	4.4716e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	2.6073e+02	6.4047e+00	2.2090e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	1.7081e+02	2.5356e+01	2.6853e+01
1210	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.8075e+02	-2.0540e+01	5.5527e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	2.8831e+02	-1.4256e+01	4.3921e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	2.8269e+02	-8.0089e+00	3.9456e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	1.6281e+02	7.1224e+00	5.1060e+01
1211	1394	0.0000e+00	0.0000e+00	0.0000e+00	1.8379e+02	-6.0325e+01	4.7547e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	3.0940e+02	-2.0136e+01	-4.4386e+00
	1406	0.0000e+00	0.0000e+00	0.0000e+00	3.0526e+02	-1.9491e+01	2.6819e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.6963e+02	-4.0673e+01	3.5829e+01
1212	1392	0.0000e+00	0.0000e+00	0.0000e+00	-4.6131e+01	-8.3190e+01	-6.9822e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	1.2242e+02	-6.0357e+01	-5.4521e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	1.2557e+02	-8.3287e+01	-9.1050e+00
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-1.8542e+01	-1.5008e+02	-2.4402e+01

1213	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.9043e+01	4.9127e+01	-5.7251e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	9.9017e+01	1.5590e+01	-5.7295e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	9.6714e+01	-2.7239e+01	-7.8698e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.6907e+01	-1.8559e+01	-7.8655e+01
1214	1390	0.0000e+00	0.0000e+00	0.0000e+00	4.3246e+01	5.4831e+01	-9.4027e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	1.1423e+02	4.0480e+01	-3.8270e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	1.0291e+02	1.7249e+01	-6.6239e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-5.3118e+00	5.8100e+01	-3.7367e+01
1215	1389	0.0000e+00	0.0000e+00	0.0000e+00	8.5068e+01	4.2724e+01	1.1739e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.3875e+02	3.6369e+01	-2.0909e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	1.2581e+02	3.0063e+01	-3.5523e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	5.3551e+01	5.2562e+01	-1.3559e+01
1216	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.0197e+02	3.4541e+01	-1.3766e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.5208e+02	2.9778e+01	-1.0096e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.4587e+02	2.9144e+01	-1.7299e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	9.0354e+01	3.8600e+01	-8.5019e+00
1217	1387	0.0000e+00	0.0000e+00	0.0000e+00	9.4757e+01	3.7448e+01	-4.6447e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	1.5122e+02	2.7707e+01	-7.0774e-01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.5293e+02	2.9253e+01	-7.1260e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.0272e+02	3.3823e+01	-1.1885e+01
1218	1386	0.0000e+00	0.0000e+00	0.0000e+00	6.2856e+01	4.9544e+01	-7.7830e-01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	1.3723e+02	2.6529e+01	1.8632e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	1.4577e+02	3.3888e+01	3.8528e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	9.0938e+01	4.0142e+01	-1.4324e+01
1219	1385	0.0000e+00	0.0000e+00	0.0000e+00	1.0195e+01	5.3409e+01	2.4637e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	1.1996e+02	1.1471e+01	5.0064e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	1.2714e+02	3.5973e+01	2.1494e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	5.3940e+01	5.0442e+01	-3.9888e+00
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	4.1844e+00	-2.4084e+01	6.6841e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.1834e+02	-3.5054e+01	6.4465e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	1.1716e+02	9.1007e+00	4.1597e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-5.4631e+00	4.3276e+01	4.3971e+01
1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	4.9267e+00	-1.5509e+02	1.4936e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	1.4910e+02	-9.2688e+01	-1.0850e+00
	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.4437e+02	-6.8166e+01	4.1603e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-2.9317e+01	-8.9414e+01	5.7308e+01
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	-3.6299e+02	-1.1641e+02	-8.1876e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-6.9732e+01	-1.1451e+02	-6.6950e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-5.8300e+01	-2.0289e+02	-1.7547e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-3.4420e+02	-2.9852e+02	-3.2472e+01
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	-1.2586e+02	8.8538e+01	6.5221e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-8.4430e+01	8.8772e+01	-2.1218e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.2468e+02	-3.5142e+01	-1.0669e+02
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-2.6073e+02	1.3386e+02	-2.0262e+01
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	-9.5088e+00	6.0515e+01	7.0672e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	8.5025e+00	6.6778e+01	1.3858e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-3.5267e+01	4.8850e+01	-1.0307e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-1.0652e+02	7.8077e+01	5.9038e+01
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	4.6286e+01	3.0851e+01	3.6655e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	6.5792e+01	4.2979e+01	1.9525e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	3.3360e+01	4.5948e+01	1.0900e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	8.8200e+00	4.0324e+01	4.5648e+01
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	6.5648e+01	1.7228e+01	4.4552e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	8.7480e+01	3.0157e+01	-6.8893e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	7.6091e+01	3.3038e+01	6.0927e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	5.4138e+01	2.0423e+01	1.7392e+01
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	5.7485e+01	1.9029e+01	-2.6085e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	8.0203e+01	3.1519e+01	-1.7871e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	8.8150e+01	2.9714e+01	-4.9058e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	6.6169e+01	1.6603e+01	-1.3106e+01
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	1.5664e+01	3.6907e+01	-5.4636e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	4.2011e+01	4.2490e+01	-2.2820e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	7.1205e+01	4.0583e+01	-1.3732e+01



	1376	0.0000e+00	0.0000e+00	0.0000e+00	5.0645e+01	2.8225e+01	-4.5544e+01
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	-9.6234e+01	7.2818e+01	-6.8648e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-2.2845e+01	4.3695e+01	-1.8536e+00
	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.8055e+01	6.2524e+01	-1.3257e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	3.4710e+00	5.5997e+01	-8.0094e+01
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	-2.4849e+02	1.2738e+02	9.4175e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-1.0978e+02	-4.1105e+01	9.4456e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-7.1052e+01	8.3075e+01	9.3533e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.1494e+02	8.2605e+01	-7.5699e+01
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	-3.3255e+02	-3.0417e+02	2.0051e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-4.4539e+01	-2.0811e+02	6.0435e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-5.4961e+01	-1.2020e+02	5.5553e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-3.5048e+02	-1.2192e+02	6.9580e+01
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	-1.8358e+02	5.2970e+02	8.1523e+02
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-7.9628e+02	7.0827e+01	9.6402e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	2.4819e+01	-5.1744e+02	-1.7979e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	-2.4610e+03	-4.3114e+02	5.3904e+02
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	-1.7236e+01	6.9103e+01	2.4686e+02
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-1.5120e+02	1.4950e+02	7.2004e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-5.1687e+02	8.8207e+01	1.7819e+02
	674	0.0000e+00	0.0000e+00	0.0000e+00	-6.3954e+00	-4.1040e+01	3.5305e+02
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	5.0233e+01	1.4251e+01	1.2799e+02
	1379	0.0000e+00	0.0000e+00	0.0000e+00	3.1298e+00	4.6922e+01	7.1893e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-8.6040e+01	7.3869e+01	1.3569e+02
	673	0.0000e+00	0.0000e+00	0.0000e+00	2.3032e+01	-1.9391e+01	1.9178e+02
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	6.7919e+01	-1.2551e+01	5.4989e+01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	5.4215e+01	1.6457e+01	3.5143e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	1.6774e+01	3.4649e+01	7.7395e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	6.5359e+01	-1.9799e+01	9.7241e+01
1236	670	0.0000e+00	0.0000e+00	0.0000e+00	7.4315e+01	-2.2630e+01	4.9711e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	6.9673e+01	5.7197e+00	-1.0215e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	5.9032e+01	1.2156e+01	3.1426e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	7.2951e+01	-2.3603e+01	3.7355e+01
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	7.5510e+01	-2.5389e+01	-4.2727e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	6.2134e+01	1.0442e+01	-3.9165e+01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	7.0180e+01	5.3091e+00	-6.6912e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	7.4665e+01	-2.3208e+01	-1.0249e+01
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	7.0833e+01	-2.3978e+01	-1.0308e+02
	1375	0.0000e+00	0.0000e+00	0.0000e+00	2.3308e+01	3.0797e+01	-8.5556e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	5.8323e+01	1.3879e+01	-4.2996e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	7.1167e+01	-1.5479e+01	-6.0521e+01
1239	667	0.0000e+00	0.0000e+00	0.0000e+00	3.1435e+01	-2.5917e+01	-1.9862e+02
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-7.6326e+01	6.8124e+01	-1.4472e+02
	1375	0.0000e+00	0.0000e+00	0.0000e+00	8.6146e+00	4.2197e+01	-8.0276e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	5.6362e+01	9.0419e+00	-1.3417e+02
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	6.9747e+00	-4.9575e+01	-3.6175e+02
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-5.0419e+02	8.1406e+01	-1.8891e+02
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.4048e+02	1.4279e+02	-8.1453e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-8.9622e+00	6.1637e+01	-2.5429e+02
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	-2.4417e+03	-4.3853e+02	-5.5082e+02
	1372	0.0000e+00	0.0000e+00	0.0000e+00	3.5601e+01	-5.2274e+02	1.6589e+02
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-7.8249e+02	6.3847e+01	-1.0747e+02
	666	0.0000e+00	0.0000e+00	0.0000e+00	-1.7171e+02	5.1922e+02	-8.2417e+02
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	8.5221e+02	-4.0996e+01	9.6660e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	7.0897e+02	-1.6099e+02	4.2792e+02
	30	0.0000e+00	0.0000e+00	0.0000e+00	1.6302e+03	4.0447e+01	2.8832e+02
	1362	0.0000e+00	0.0000e+00	0.0000e+00	6.0230e+02	1.9447e+02	-4.2948e+01
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	5.4720e+02	-7.4644e+01	8.5072e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	4.6259e+02	2.9277e+01	2.4626e+02
	1371	0.0000e+00	0.0000e+00	0.0000e+00	6.0245e+02	-5.6656e+01	2.7935e+02
	1361	0.0000e+00	0.0000e+00	0.0000e+00	7.3397e+02	-1.8301e+01	1.1816e+02
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	4.0919e+02	-1.5339e+01	7.5521e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	3.4433e+02	7.0151e+01	1.5562e+02

	1370	0.0000e+00	0.0000e+00	0.0000e+00	4.1018e+02	-2.0308e+01	1.9746e+02
	1360	0.0000e+00	0.0000e+00	0.0000e+00	5.0565e+02	-1.7722e+01	1.1736e+02
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	3.4500e+02	1.6777e+01	4.5935e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	2.8524e+02	8.0836e+01	8.6066e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	3.1607e+02	2.2829e+01	1.2498e+02
	1359	0.0000e+00	0.0000e+00	0.0000e+00	3.9548e+02	1.0495e+01	8.4848e+01
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	3.2350e+02	3.0000e+01	1.2630e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	2.6270e+02	7.3612e+01	2.5585e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	2.7254e+02	5.6096e+01	6.2188e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	3.3991e+02	2.7641e+01	4.9233e+01
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	3.3675e+02	2.7018e+01	-2.1879e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	2.7052e+02	5.2349e+01	-3.2849e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	2.6241e+02	7.6186e+01	3.5293e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	3.2262e+02	2.9884e+01	1.4499e+01
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	3.8797e+02	9.4275e+00	-5.6831e+01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	3.1167e+02	1.9072e+01	-9.4775e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	2.8257e+02	8.1535e+01	-5.6539e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	3.4017e+02	1.6017e+01	-1.8596e+01
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	4.9322e+02	-1.8276e+01	-8.8278e+01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	4.0310e+02	-2.2558e+01	-1.6575e+02
	1365	0.0000e+00	0.0000e+00	0.0000e+00	3.3906e+02	6.8692e+01	-1.2503e+02
	1355	0.0000e+00	0.0000e+00	0.0000e+00	4.0028e+02	-1.6054e+01	-4.7557e+01
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	7.1569e+02	-1.7444e+01	-8.7771e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	5.9221e+02	-5.5086e+01	-2.4559e+02
	1364	0.0000e+00	0.0000e+00	0.0000e+00	4.5429e+02	2.5746e+01	-2.1395e+02
	1354	0.0000e+00	0.0000e+00	0.0000e+00	5.3380e+02	-7.4490e+01	-5.6136e+01
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	5.9077e+02	2.0463e+02	7.6855e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	1.6042e+03	4.9899e+01	-2.5067e+02
	1363	0.0000e+00	0.0000e+00	0.0000e+00	6.9639e+02	-1.6526e+02	-3.9217e+02
	1353	0.0000e+00	0.0000e+00	0.0000e+00	8.3490e+02	-4.2524e+01	-6.4650e+01
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	5.0139e+02	3.8073e+01	-4.4689e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	6.7486e+02	3.7048e+01	1.1080e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	6.9489e+02	1.0453e+02	2.6089e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	5.1204e+02	7.3573e+01	1.0952e+01
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	4.7634e+02	-3.5314e+01	6.5739e+00
	1360	0.0000e+00	0.0000e+00	0.0000e+00	5.2799e+02	-3.8708e+01	7.1313e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	6.2276e+02	-5.0415e+01	3.5810e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	5.1307e+02	1.6384e+01	-2.9198e+01
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	4.0756e+02	-1.9829e+01	1.4967e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	4.2461e+02	-1.7034e+01	7.3596e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	5.0453e+02	-2.6079e+01	6.6978e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	4.4651e+02	-1.0156e+01	8.4476e+00
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	3.5815e+02	2.6767e+00	1.4576e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	3.6530e+02	9.8902e+00	4.9267e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	4.0742e+02	4.8977e+00	5.6285e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	3.8634e+02	2.1918e+00	2.1603e+01
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	3.3723e+02	1.1397e+01	8.7449e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	3.4242e+02	2.2707e+01	2.0979e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	3.5658e+02	2.1235e+01	3.2282e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	3.4787e+02	1.0468e+01	2.0049e+01
1257	1345	0.0000e+00	0.0000e+00	0.0000e+00	3.4331e+02	9.8590e+00	2.2983e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	3.5268e+02	2.0383e+01	-6.6439e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	3.4163e+02	2.2865e+01	4.5122e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	3.3650e+02	1.1643e+01	1.3322e+01
1258	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.7631e+02	2.1538e+00	-1.6885e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	3.9862e+02	3.6752e+00	-2.9969e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	3.5981e+02	9.4779e+00	-2.3445e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	3.5210e+02	2.4458e+00	7.6980e+00
1259	1343	0.0000e+00	0.0000e+00	0.0000e+00	4.3050e+02	-1.0058e+01	1.5188e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	4.9027e+02	-2.7020e+01	-3.9580e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	4.1418e+02	-1.7227e+01	-4.6938e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.9588e+02	-1.9608e+01	7.8182e+00
1260	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.8927e+02	1.8613e+01	5.3344e+01

	1353	0.0000e+00	0.0000e+00	0.0000e+00	6.0276e+02	-5.0058e+01	-6.9953e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	5.1194e+02	-3.7866e+01	-4.3456e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	4.5842e+02	-3.3970e+01	1.6694e+01
1261	1341	0.0000e+00	0.0000e+00	0.0000e+00	4.7862e+02	7.8344e+01	1.1692e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	6.6034e+02	1.1077e+02	5.7174e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	6.5236e+02	4.0674e+01	2.1003e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.7443e+02	4.2882e+01	2.6978e+01
1262	1339	0.0000e+00	0.0000e+00	0.0000e+00	3.3606e+02	4.7505e+00	-2.3328e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	4.7179e+02	2.1286e+01	-1.6940e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	4.7431e+02	4.2200e+01	8.7261e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	3.4656e+02	8.4899e+00	2.3266e+00
1263	1338	0.0000e+00	0.0000e+00	0.0000e+00	3.2578e+02	-4.4208e+00	-3.5379e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	4.3244e+02	-1.9347e+01	-1.7230e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	4.5045e+02	-1.0666e+00	-2.6035e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	3.4467e+02	2.1965e+00	-4.4203e+01
1264	1337	0.0000e+00	0.0000e+00	0.0000e+00	3.0504e+02	1.4003e+00	-2.2169e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	3.7818e+02	-1.1118e+01	5.1977e+00
	1349	0.0000e+00	0.0000e+00	0.0000e+00	4.1614e+02	-2.0804e+01	-1.3757e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	3.2224e+02	4.7967e+00	-4.0921e+01
1265	1336	0.0000e+00	0.0000e+00	0.0000e+00	2.8579e+02	1.0064e+01	-5.5151e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	3.4015e+02	3.7118e+00	1.3648e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	3.6743e+02	-8.3593e+00	9.7625e-01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	2.9728e+02	1.2053e+01	-1.9264e+01
1266	1335	0.0000e+00	0.0000e+00	0.0000e+00	2.7574e+02	1.5693e+01	6.9801e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	3.2432e+02	9.4006e+00	1.4566e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	3.3483e+02	5.8745e+00	5.5906e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	2.8060e+02	1.6630e+01	-2.0388e+00
1267	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.7619e+02	1.6151e+01	1.8972e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	3.3026e+02	5.2664e+00	1.5034e+01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	3.2349e+02	9.7306e+00	5.9676e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	2.7498e+02	1.6043e+01	9.9066e+00
1268	1333	0.0000e+00	0.0000e+00	0.0000e+00	2.8758e+02	1.1594e+01	3.6378e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.5726e+02	-8.8067e+00	2.1035e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	3.3391e+02	3.6800e+00	7.1589e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.7980e+02	1.0324e+01	2.2484e+01
1269	1332	0.0000e+00	0.0000e+00	0.0000e+00	3.0702e+02	4.7505e+00	5.8019e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	3.9983e+02	-2.0624e+01	3.4909e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.6631e+02	-1.0733e+01	1.6168e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	2.9367e+02	1.3470e+00	3.9258e+01
1270	1331	0.0000e+00	0.0000e+00	0.0000e+00	3.2345e+02	3.2188e+00	6.0357e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.2685e+02	2.5373e+00	4.6917e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	4.1441e+02	-1.8044e+01	3.8816e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	3.0861e+02	-3.1390e+00	5.2251e+01
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	3.1958e+02	1.0680e+01	1.1442e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	4.4183e+02	4.7684e+01	1.0265e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.4630e+02	2.4711e+01	3.7935e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	3.1270e+02	7.4217e+00	3.9115e+01
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.7228e+02	-3.9547e+01	-3.7623e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	3.0816e+02	-1.8153e+01	-2.9108e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	3.1179e+02	-1.9088e+01	2.3089e+00
	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.8593e+02	-5.9462e+01	-6.2979e+00
1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	1.6623e+02	8.3479e+00	-5.3222e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	2.8644e+02	-6.5003e+00	-4.2179e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	2.9148e+02	-1.2943e+01	-4.6379e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.8361e+02	-1.9484e+01	-5.7423e+01
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	1.7509e+02	2.6505e+01	-2.9426e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	2.6545e+02	7.8301e+00	-2.5297e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	2.7628e+02	-4.0515e+00	-4.7638e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	1.7267e+02	2.1353e+01	-5.1771e+01
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.8420e+02	2.8971e+01	-6.8655e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	2.5351e+02	1.5266e+01	-5.9802e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	2.6279e+02	6.6087e+00	-2.6419e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	1.7675e+02	3.3043e+01	-2.7313e+01

1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.8609e+02	2.8922e+01	7.2575e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	2.4883e+02	1.6513e+01	8.3451e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	2.5321e+02	1.3805e+01	-6.9614e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.8391e+02	3.1417e+01	-8.0471e+00
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.8016e+02	3.1075e+01	2.0184e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.4893e+02	1.3516e+01	2.2365e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	2.4807e+02	1.6755e+01	7.0350e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.8543e+02	2.9286e+01	4.8544e+00
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	1.6867e+02	3.2715e+01	3.9552e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	2.5340e+02	6.3985e+00	4.1920e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.4773e+02	1.5470e+01	2.1471e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.7912e+02	2.9373e+01	1.9101e+01
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	1.6050e+02	2.0972e+01	6.3893e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	2.6163e+02	-3.7043e+00	6.2992e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	2.5463e+02	8.1389e+00	4.0935e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	1.6565e+02	2.6982e+01	4.1833e+01
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.6754e+02	-1.9934e+01	6.8675e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	2.7155e+02	-1.1860e+01	6.0808e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	2.7046e+02	-5.7185e+00	5.7561e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	1.5266e+02	8.8492e+00	6.5426e+01
1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.6843e+02	-6.0482e+01	1.5565e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	2.8539e+02	-1.6977e+01	9.7086e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	2.8705e+02	-1.6494e+01	4.3348e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.5489e+02	-3.9219e+01	4.9208e+01
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	-2.7186e+01	-8.8576e+01	-5.8438e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.4691e+02	-6.7181e+01	-4.3155e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.5119e+02	-9.1896e+01	-7.1558e-01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	4.6436e+00	-1.5446e+02	-1.5903e+01
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	4.0072e+00	4.4145e+01	-4.5383e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	1.2046e+02	1.0158e+01	-4.3492e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.2112e+02	-3.4097e+01	-6.6164e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	4.7252e+00	-2.3327e+01	-6.8057e+01
1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	5.7446e+01	5.1193e+01	2.1954e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	1.3128e+02	3.6927e+01	-2.3781e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	1.2350e+02	1.2446e+01	-5.2134e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	1.3059e+01	5.4146e+01	-2.6163e+01
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	9.5213e+01	4.0569e+01	1.2207e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.5083e+02	3.4495e+01	-6.4941e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	1.4162e+02	2.7334e+01	-2.1112e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	6.6576e+01	5.0095e+01	-2.4153e+00
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	1.0782e+02	3.3655e+01	9.4596e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.5899e+02	2.9199e+01	4.0183e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.5652e+02	2.8082e+01	-3.0759e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	9.9262e+01	3.7592e+01	2.3676e+00
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	9.6310e+01	3.7495e+01	5.8826e+00
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.5298e+02	2.8021e+01	1.3968e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.5835e+02	2.9384e+01	6.8218e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	1.0732e+02	3.3986e+01	-1.2793e+00
1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	6.0331e+01	5.0140e+01	1.0956e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	1.3402e+02	2.7388e+01	3.2188e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.4606e+02	3.4781e+01	1.7451e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	9.1275e+01	4.1112e+01	-3.8009e+00
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	5.1586e+00	5.4015e+01	3.5143e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	1.1213e+02	1.2526e+01	6.3292e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	1.2257e+02	3.7240e+01	3.4907e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	5.0280e+01	5.1787e+01	6.7621e+00
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	-9.5759e+00	-2.4557e+01	7.6913e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.0672e+02	-3.4078e+01	7.6559e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	1.0835e+02	1.0166e+01	5.4539e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-1.1622e+01	4.4108e+01	5.4892e+01
1291	1308	0.0000e+00	0.0000e+00	0.0000e+00	-1.1255e+01	-1.5690e+02	2.4519e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.3367e+02	-9.2698e+01	9.9705e+00
	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.3159e+02	-6.7131e+01	5.3391e+01

	1309	0.0000e+00	0.0000e+00	0.0000e+00	-3.7980e+01	-8.8641e+01	6.7944e+01
1292	1306	0.0000e+00	0.0000e+00	0.0000e+00	-3.4886e+02	-1.2126e+02	-7.0186e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-5.2954e+01	-1.1949e+02	-5.6478e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-4.2888e+01	-2.0753e+02	-6.8509e+00
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-3.3122e+02	-3.0372e+02	-2.0557e+01
1293	1305	0.0000e+00	0.0000e+00	0.0000e+00	-1.1285e+02	8.3172e+01	7.4873e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-6.8424e+01	8.3781e+01	-1.0552e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.0756e+02	-4.0428e+01	-9.5508e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-2.4675e+02	1.2789e+02	-1.0094e+01
1294	1304	0.0000e+00	0.0000e+00	0.0000e+00	3.7973e+00	5.6408e+01	7.8973e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	2.1321e+01	6.3085e+01	1.1710e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-2.0071e+01	4.4332e+01	4.4692e-01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-9.4004e+01	7.3252e+01	6.7706e+01
1295	1303	0.0000e+00	0.0000e+00	0.0000e+00	5.3821e+01	2.8321e+01	4.4124e+01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	7.5225e+01	4.0809e+01	1.1840e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	4.5498e+01	4.2931e+01	2.1105e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	1.8402e+01	3.7142e+01	5.3389e+01
1296	1302	0.0000e+00	0.0000e+00	0.0000e+00	6.9955e+01	1.6166e+01	1.1413e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	9.2939e+01	2.9348e+01	2.6886e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	8.4407e+01	3.1556e+01	1.5804e+01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	6.0826e+01	1.8890e+01	2.4530e+01
1297	1301	0.0000e+00	0.0000e+00	0.0000e+00	5.8559e+01	1.9156e+01	-1.9278e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	8.1668e+01	3.1755e+01	-8.5012e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	9.2435e+01	2.9516e+01	4.5178e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	6.9608e+01	1.6471e+01	-6.2661e+00
1298	1300	0.0000e+00	0.0000e+00	0.0000e+00	1.3674e+01	3.7921e+01	-4.7610e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	3.9702e+01	4.3391e+01	-1.3368e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	7.1497e+01	4.1322e+01	-4.4468e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	5.0875e+01	2.9177e+01	-3.8682e+01
1299	1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.0090e+02	7.4350e+01	-6.0828e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-2.8609e+01	4.4676e+01	8.0930e+00
	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.4688e+01	6.3833e+01	-3.8148e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-5.1873e+00	5.7639e+01	-7.2722e+01
1300	1298	0.0000e+00	0.0000e+00	0.0000e+00	-2.5787e+02	1.2820e+02	1.8526e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-1.1560e+02	-4.1130e+01	1.0511e+02
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-7.7698e+01	8.3678e+01	1.8971e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.2037e+02	8.4402e+01	-6.7613e+01
1301	1297	0.0000e+00	0.0000e+00	0.0000e+00	-3.2689e+02	-3.0546e+02	3.6397e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-5.1992e+01	-2.0739e+02	1.6513e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-6.1172e+01	-1.2070e+02	6.4793e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-3.5795e+02	-1.1794e+02	8.4679e+01
1302	557	0.0000e+00	0.0000e+00	0.0000e+00	-1.7059e+02	5.1950e+02	8.2392e+02
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-7.8098e+02	6.4399e+01	1.0700e+02
	1307	0.0000e+00	0.0000e+00	0.0000e+00	3.6713e+01	-5.2229e+02	-1.6634e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	-2.4406e+03	-4.3783e+02	5.5058e+02
1303	556	0.0000e+00	0.0000e+00	0.0000e+00	-7.9518e+00	6.1927e+01	2.5384e+02
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-1.3856e+02	1.4318e+02	8.0770e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-5.0253e+02	8.1865e+01	1.8835e+02
	557	0.0000e+00	0.0000e+00	0.0000e+00	8.0380e+00	-4.9258e+01	3.6143e+02
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	5.8061e+01	9.1768e+00	1.3349e+02
	1304	0.0000e+00	0.0000e+00	0.0000e+00	1.0902e+01	4.2430e+01	7.9309e+01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-7.4290e+01	6.8475e+01	1.4390e+02
	556	0.0000e+00	0.0000e+00	0.0000e+00	3.2899e+01	-2.5733e+01	1.9808e+02
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	7.3243e+01	-1.5710e+01	5.9591e+01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	6.1227e+01	1.3804e+01	4.1736e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	2.5822e+01	3.0935e+01	8.4433e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	7.2624e+01	-2.4023e+01	1.0229e+02
1306	553	0.0000e+00	0.0000e+00	0.0000e+00	7.7180e+01	-2.3957e+01	9.0877e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	7.3648e+01	4.7896e+00	5.1512e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	6.5167e+01	1.0220e+01	3.7741e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	7.7695e+01	-2.5820e+01	4.1679e+01
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	7.5971e+01	-2.5118e+01	-3.8700e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	6.3087e+01	1.0753e+01	-3.3186e+01

	1302	0.0000e+00	0.0000e+00	0.0000e+00	7.3262e+01	4.9596e+00	-7.3611e-01
	553	0.0000e+00	0.0000e+00	0.0000e+00	7.6951e+01	-2.3651e+01	-6.2411e+00
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	6.8892e+01	-2.2354e+01	-9.8722e+01
	1300	0.0000e+00	0.0000e+00	0.0000e+00	2.1406e+01	3.2131e+01	-7.9303e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	5.8374e+01	1.4703e+01	-3.7033e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	7.1064e+01	-1.4399e+01	-5.6452e+01
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	2.7605e+01	-2.3215e+01	-1.9336e+02
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-8.1528e+01	7.0031e+01	-1.3763e+02
	1300	0.0000e+00	0.0000e+00	0.0000e+00	6.1614e+00	4.4077e+01	-7.3803e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	5.3901e+01	1.1345e+01	-1.2953e+02
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	-7.3996e+00	-4.6839e+01	-3.5505e+02
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-5.0780e+02	8.3019e+01	-1.8002e+02
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.4664e+02	1.4448e+02	-7.4348e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.3354e+01	6.5726e+01	-2.4938e+02
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	-2.3902e+03	-4.3088e+02	-5.3643e+02
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-2.7366e+01	-5.2922e+02	1.7784e+02
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-7.8869e+02	7.8638e+01	-9.2809e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.8122e+02	5.1454e+02	-8.0707e+02
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	8.3490e+02	-4.2484e+01	6.4656e+01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	6.9640e+02	-1.6525e+02	3.9217e+02
	27	0.0000e+00	0.0000e+00	0.0000e+00	1.6042e+03	4.9928e+01	2.5069e+02
	1287	0.0000e+00	0.0000e+00	0.0000e+00	5.9076e+02	2.0464e+02	-7.6835e+01
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	5.3380e+02	-7.4464e+01	5.6136e+01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	4.5430e+02	2.5729e+01	2.1395e+02
	1296	0.0000e+00	0.0000e+00	0.0000e+00	5.9222e+02	-5.5021e+01	2.4559e+02
	1286	0.0000e+00	0.0000e+00	0.0000e+00	7.1568e+02	-1.7415e+01	8.7772e+01
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	4.0028e+02	-1.6032e+01	4.7555e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	3.3906e+02	6.8682e+01	1.2502e+02
	1295	0.0000e+00	0.0000e+00	0.0000e+00	4.0311e+02	-2.2514e+01	1.6575e+02
	1285	0.0000e+00	0.0000e+00	0.0000e+00	4.9322e+02	-1.8252e+01	8.8276e+01
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	3.4017e+02	1.6014e+01	1.8596e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	2.8257e+02	8.1520e+01	5.6537e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	3.1167e+02	1.9102e+01	9.4772e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	3.8796e+02	9.4292e+00	5.6829e+01
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	3.2262e+02	2.9876e+01	-1.4502e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	2.6241e+02	7.6163e+01	-3.5339e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	2.7052e+02	5.2367e+01	3.2847e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	3.3675e+02	2.7016e+01	2.1879e+01
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	3.3992e+02	2.7622e+01	-4.9234e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	2.7253e+02	5.6066e+01	-6.2190e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	2.6270e+02	7.3621e+01	-2.5588e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	3.2349e+02	2.9987e+01	-1.2632e+01
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	3.9548e+02	1.0457e+01	-8.4848e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	3.1607e+02	2.2790e+01	-1.2498e+02
	1291	0.0000e+00	0.0000e+00	0.0000e+00	2.8523e+02	8.0835e+01	-8.6068e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	3.4499e+02	1.6749e+01	-4.5936e+01
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	5.0565e+02	-1.7742e+01	-1.1735e+02
	1289	0.0000e+00	0.0000e+00	0.0000e+00	4.1017e+02	-2.0361e+01	-1.9746e+02
	1290	0.0000e+00	0.0000e+00	0.0000e+00	3.4432e+02	7.0140e+01	-1.5562e+02
	1280	0.0000e+00	0.0000e+00	0.0000e+00	4.0918e+02	-1.5347e+01	-7.5520e+01
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	7.3397e+02	-1.8337e+01	-1.1816e+02
	1288	0.0000e+00	0.0000e+00	0.0000e+00	6.0243e+02	-5.6720e+01	-2.7934e+02
	1289	0.0000e+00	0.0000e+00	0.0000e+00	4.6258e+02	2.9242e+01	-2.4626e+02
	1279	0.0000e+00	0.0000e+00	0.0000e+00	5.4720e+02	-7.4673e+01	-8.5070e+01
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	6.0231e+02	1.9445e+02	4.2965e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	1.6301e+03	4.0337e+01	-2.8831e+02
	1288	0.0000e+00	0.0000e+00	0.0000e+00	7.0895e+02	-1.6099e+02	-4.2792e+02
	1278	0.0000e+00	0.0000e+00	0.0000e+00	8.5221e+02	-4.1039e+01	-9.6651e+01
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	4.7442e+02	4.2900e+01	-2.6981e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	6.5235e+02	4.0701e+01	-2.1002e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	6.6034e+02	1.1077e+02	-5.7146e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	4.7862e+02	7.8351e+01	-1.1689e+01
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	4.5841e+02	-3.3946e+01	-1.6702e+01

	1285	0.0000e+00	0.0000e+00	0.0000e+00	5.1193e+02	-3.7839e+01	4.3453e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	6.0275e+02	-5.0034e+01	7.0067e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	4.8926e+02	1.8632e+01	-5.3346e+01
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.9587e+02	-1.9587e+01	-7.8324e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	4.1417e+02	-1.7204e+01	4.6934e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	4.9027e+02	-2.6999e+01	3.9577e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	4.3049e+02	-1.0036e+01	-1.5198e+01
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	3.5210e+02	2.3970e+00	-7.7092e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	3.5981e+02	9.4721e+00	2.3444e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	3.9861e+02	3.6488e+00	2.9966e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.7630e+02	2.1164e+00	1.7408e+00
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	3.3650e+02	1.1629e+01	-1.3326e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	3.4163e+02	2.2857e+01	-4.5210e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	3.5268e+02	2.0377e+01	6.6499e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	3.4331e+02	9.8529e+00	-2.3279e+00
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	3.4787e+02	1.0444e+01	-2.0048e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	3.5658e+02	2.1216e+01	-3.2284e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	3.4242e+02	2.2692e+01	-2.0983e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	3.3723e+02	1.1381e+01	-8.7483e+00
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.8634e+02	2.1454e+00	-2.1597e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	4.0742e+02	4.8369e+00	-5.6286e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	3.6530e+02	9.8540e+00	-4.9269e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	3.5815e+02	2.6139e+00	-1.4573e+01
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	4.4651e+02	-1.0178e+01	-8.4137e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	5.0453e+02	-2.6097e+01	-6.6977e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	4.2461e+02	-1.7048e+01	-7.3598e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	4.0756e+02	-1.9844e+01	-1.4957e+01
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	5.1308e+02	1.6358e+01	2.9184e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	6.2276e+02	-5.0443e+01	-3.5796e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	5.2799e+02	-3.8739e+01	-7.1311e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	4.7635e+02	-3.5341e+01	-6.5304e+00
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	5.1204e+02	7.3558e+01	-1.0931e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	6.9489e+02	1.0451e+02	-2.6066e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	6.7486e+02	3.7012e+01	-1.1031e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	5.0140e+02	3.8048e+01	4.3945e+00
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	3.1269e+02	7.4314e+00	-3.9120e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	4.4629e+02	2.4726e+01	-3.7935e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	4.4183e+02	4.7689e+01	-1.0265e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	3.1957e+02	1.0679e+01	-1.1447e+01
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	3.0860e+02	-3.1157e+00	-5.2255e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	4.1440e+02	-1.8022e+01	-3.8820e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	4.2684e+02	2.5394e+00	-4.6920e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	3.2344e+02	3.2283e+00	-6.0361e+01
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	2.9366e+02	1.3497e+00	-3.9260e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.6630e+02	-1.0712e+01	-1.6176e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	3.9982e+02	-2.0602e+01	-3.4915e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	3.0701e+02	4.7729e+00	-5.8021e+01
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	2.7980e+02	1.0329e+01	-2.2484e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	3.3390e+02	3.6612e+00	-7.1698e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.5725e+02	-8.7856e+00	-2.1041e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	2.8757e+02	1.1608e+01	-3.6379e+01
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.7497e+02	1.6039e+01	-9.9064e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	3.2348e+02	9.7169e+00	-5.9733e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	3.3026e+02	5.2520e+00	-1.5039e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	2.7618e+02	1.6155e+01	-1.8972e+01
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.8060e+02	1.6617e+01	2.0266e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	3.3484e+02	5.8423e+00	-5.5845e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	3.2432e+02	9.3839e+00	-1.4568e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.7574e+02	1.5686e+01	-6.9795e+00
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	2.9728e+02	1.2032e+01	1.9261e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.6744e+02	-8.3641e+00	-8.2278e-01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	3.4015e+02	3.6698e+00	-1.3644e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.8579e+02	1.0046e+01	5.5102e+00

1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	3.2225e+02	4.7713e+00	4.0918e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	4.1615e+02	-2.0827e+01	1.3737e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.7818e+02	-1.1132e+01	-5.1645e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	3.0505e+02	1.3754e+00	2.2166e+01
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	3.4467e+02	2.1711e+00	4.4199e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.5046e+02	-1.0809e+00	2.6022e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	4.3245e+02	-1.9372e+01	1.7213e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	3.2579e+02	-4.4467e+00	3.5373e+01
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	3.4656e+02	8.4766e+00	-2.2946e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.7431e+02	4.2185e+01	-8.7031e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.7180e+02	2.1263e+01	1.6928e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	3.3607e+02	4.7238e+00	2.3319e+01
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.5488e+02	-3.9196e+01	-4.9220e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.8704e+02	-1.6475e+01	-4.3353e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.8539e+02	-1.6966e+01	-9.7172e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.6843e+02	-6.0473e+01	-1.5579e+01
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.5264e+02	8.8764e+00	-6.5428e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	2.7045e+02	-5.6941e+00	-5.7562e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.7153e+02	-1.1837e+01	-6.0814e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.6753e+02	-1.9908e+01	-6.8681e+01
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.6564e+02	2.7003e+01	-4.1830e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	2.5462e+02	8.1578e+00	-4.0935e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	2.6162e+02	-3.6814e+00	-6.2994e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.6049e+02	2.0998e+01	-6.3892e+01
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.7911e+02	2.9384e+01	-1.9097e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	2.4772e+02	1.5479e+01	-2.1471e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	2.5339e+02	6.4122e+00	-4.1920e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.6866e+02	3.2733e+01	-3.9548e+01
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.8543e+02	2.9287e+01	-4.8508e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.4807e+02	1.6753e+01	-7.0352e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	2.4892e+02	1.3520e+01	-2.2364e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.8016e+02	3.1082e+01	-2.0180e+01
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.8391e+02	3.1408e+01	8.0526e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.5322e+02	1.3792e+01	6.9620e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.4883e+02	1.6508e+01	-8.3429e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.8609e+02	2.8919e+01	-7.2523e+00
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.7675e+02	3.3025e+01	2.7318e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	2.6280e+02	6.5868e+00	2.6419e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.5351e+02	1.5251e+01	5.9763e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.8420e+02	2.8958e+01	6.8704e+00
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.7268e+02	2.1326e+01	5.1774e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.7629e+02	-4.0757e+00	4.7636e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	2.6546e+02	7.8076e+00	2.5295e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.7510e+02	2.6483e+01	2.9430e+01
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.8361e+02	-1.9512e+01	5.7419e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.9149e+02	-1.2967e+01	4.6373e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.8645e+02	-6.5269e+00	4.2177e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.6624e+02	8.3182e+00	5.3221e+01
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.8592e+02	-5.9475e+01	6.2820e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	3.1179e+02	-1.9100e+01	-2.2765e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	3.0816e+02	-1.8173e+01	2.9102e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.7228e+02	-3.9573e+01	3.7613e+01
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	-3.7988e+01	-8.8603e+01	-6.7963e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.3158e+02	-6.7106e+01	-5.3401e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.3366e+02	-9.2687e+01	-9.9902e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-1.1237e+01	-1.5688e+02	-2.4547e+01
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.1614e+01	4.4144e+01	-5.4889e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.0833e+02	1.0197e+01	-5.4539e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.0670e+02	-3.4049e+01	-7.6568e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-9.5681e+00	-2.4514e+01	-7.6920e+01
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	5.0274e+01	5.1811e+01	-6.7545e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.2256e+02	3.7263e+01	-3.4903e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.1211e+02	1.2554e+01	-6.3290e+01



	1241	0.0000e+00	0.0000e+00	0.0000e+00	5.1187e+00	5.4048e+01	-3.5137e+01
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	9.1273e+01	4.1124e+01	3.8134e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.4605e+02	3.4793e+01	-1.7446e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.3401e+02	2.7407e+01	-3.2183e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	6.0325e+01	5.0158e+01	-1.0948e+01
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.0732e+02	3.3988e+01	1.2943e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.5835e+02	2.9385e+01	-6.8172e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.5298e+02	2.8030e+01	-1.3962e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	9.6308e+01	3.7503e+01	-5.8762e+00
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	9.9260e+01	3.7585e+01	-2.3586e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.5652e+02	2.8073e+01	3.0826e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.5899e+02	2.9198e+01	-4.0129e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.0781e+02	3.3654e+01	-9.4517e+00
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	6.6574e+01	5.0077e+01	2.4243e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.4162e+02	2.7315e+01	2.1118e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.5083e+02	3.4484e+01	6.4991e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	9.5211e+01	4.0559e+01	-1.2197e+01
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	1.3028e+01	5.4112e+01	2.6172e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.2351e+02	1.2417e+01	5.2138e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.3128e+02	3.6903e+01	2.3786e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	5.7442e+01	5.1170e+01	-2.1824e+00
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	4.5627e+00	-2.3372e+01	6.8053e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.2113e+02	-3.4128e+01	6.6157e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.2047e+02	1.0125e+01	4.3494e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	3.8548e+00	4.4107e+01	4.5389e+01
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	4.4103e+00	-1.5448e+02	1.5877e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.5119e+02	-9.1911e+01	6.5148e-01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.4692e+02	-6.7209e+01	4.3147e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-2.7141e+01	-8.8617e+01	5.8421e+01
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-3.5796e+02	-1.1783e+02	-8.4702e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-6.1194e+01	-1.2065e+02	-6.4801e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-5.2000e+01	-2.0736e+02	-1.6551e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-3.2688e+02	-3.0544e+02	-3.6449e+01
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	-1.2036e+02	8.4448e+01	6.7631e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-7.7707e+01	8.3721e+01	-1.8966e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.1561e+02	-4.1085e+01	-1.0511e+02
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-2.5788e+02	1.2826e+02	-1.8519e+01
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	-5.1523e+00	5.7661e+01	7.2734e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.4677e+01	6.3856e+01	3.8262e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-2.8609e+01	4.4711e+01	-8.0834e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-1.0089e+02	7.4382e+01	6.0842e+01
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	5.0877e+01	2.9187e+01	3.8690e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	7.1496e+01	4.1333e+01	4.4575e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	3.9698e+01	4.3411e+01	1.3379e+01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	1.3670e+01	3.7937e+01	4.7619e+01
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	6.9605e+01	1.6473e+01	6.2733e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	9.2434e+01	2.9517e+01	-4.5117e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	8.1666e+01	3.1764e+01	8.5109e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	5.8560e+01	1.9163e+01	1.9285e+01
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	6.0817e+01	1.8885e+01	-2.4522e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	8.4404e+01	3.1549e+01	-1.5795e+01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	9.2936e+01	2.9348e+01	-2.6829e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	6.9951e+01	1.6166e+01	-1.1407e+01
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	1.8375e+01	3.7127e+01	-5.3378e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	4.5490e+01	4.2912e+01	-2.1093e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	7.5220e+01	4.0799e+01	-1.1831e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	5.3810e+01	2.8312e+01	-4.4116e+01
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	-9.4010e+01	7.3219e+01	-6.7691e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-2.0041e+01	4.4296e+01	-4.4151e-01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	2.1303e+01	6.3062e+01	-1.1699e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	3.6954e+00	5.6386e+01	-7.8960e+01
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	-2.4674e+02	1.2782e+02	1.0106e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-1.0754e+02	-4.0477e+01	9.5504e+01

	1235	0.0000e+00	0.0000e+00	0.0000e+00	-6.8404e+01	8.3736e+01	1.0560e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.1286e+02	8.3124e+01	-7.4852e+01
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	-3.3123e+02	-3.0375e+02	2.0506e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-4.2856e+01	-2.0755e+02	6.8142e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-5.2913e+01	-1.1954e+02	5.6473e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-3.4885e+02	-1.2138e+02	7.0165e+01
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	-1.8112e+02	5.1456e+02	8.0710e+02
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-7.8869e+02	7.8785e+01	9.2798e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-2.7437e+01	-5.2916e+02	-1.7796e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	-2.3901e+03	-4.3048e+02	5.3635e+02
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	-1.3302e+01	6.5761e+01	2.4938e+02
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-1.4662e+02	1.4452e+02	7.4361e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-5.0777e+02	8.3098e+01	1.8004e+02
	440	0.0000e+00	0.0000e+00	0.0000e+00	-7.3360e+00	-4.6766e+01	3.5506e+02
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	5.3916e+01	1.1362e+01	1.2953e+02
	1229	0.0000e+00	0.0000e+00	0.0000e+00	6.1489e+00	4.4095e+01	7.3811e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-8.1507e+01	7.0068e+01	1.3764e+02
	439	0.0000e+00	0.0000e+00	0.0000e+00	2.7628e+01	-2.3184e+01	1.9337e+02
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	7.1068e+01	-1.4390e+01	5.6452e+01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	5.8378e+01	1.4711e+01	3.7039e+01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	2.1409e+01	3.2149e+01	7.9310e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	6.8904e+01	-2.2339e+01	9.8723e+01
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	7.6946e+01	-2.3649e+01	6.2413e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	7.3260e+01	4.9584e+00	7.4564e-01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	6.3089e+01	1.0760e+01	3.3191e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	7.5973e+01	-2.5110e+01	3.8701e+01
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	7.7680e+01	-2.5824e+01	-4.1678e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	6.5157e+01	1.0214e+01	-3.7736e+01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	7.3643e+01	4.7888e+00	-5.1475e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	7.7172e+01	-2.3955e+01	-9.0882e+00
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	7.2597e+01	-2.4037e+01	-1.0229e+02
	1225	0.0000e+00	0.0000e+00	0.0000e+00	2.5795e+01	3.0919e+01	-8.4424e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	6.1213e+01	1.3798e+01	-4.1730e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	7.3225e+01	-1.5715e+01	-5.9591e+01
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	3.2843e+01	-2.5764e+01	-1.9807e+02
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-7.4306e+01	6.8438e+01	-1.4388e+02
	1225	0.0000e+00	0.0000e+00	0.0000e+00	1.0850e+01	4.2414e+01	-7.9299e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	5.8027e+01	9.1632e+00	-1.3349e+02
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	7.9007e+00	-4.9335e+01	-3.6142e+02
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-5.0257e+02	8.1780e+01	-1.8834e+02
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.3858e+02	1.4315e+02	-8.0755e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-7.9051e+00	6.1893e+01	-2.5384e+02
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-2.4407e+03	-4.3825e+02	-5.5066e+02
	1222	0.0000e+00	0.0000e+00	0.0000e+00	3.6767e+01	-5.2235e+02	1.6622e+02
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-7.8098e+02	6.4242e+01	-1.0701e+02
	432	0.0000e+00	0.0000e+00	0.0000e+00	-1.7069e+02	5.1948e+02	-8.2389e+02
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	8.5035e+02	-4.3462e+01	1.0094e+02
	1221	0.0000e+00	0.0000e+00	0.0000e+00	7.0756e+02	-1.6476e+02	4.3262e+02
	25	0.0000e+00	0.0000e+00	0.0000e+00	1.6296e+03	3.8886e+01	2.9253e+02
	1212	0.0000e+00	0.0000e+00	0.0000e+00	6.0043e+02	1.9258e+02	-3.9248e+01
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	5.4450e+02	-7.7361e+01	8.9918e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.6081e+02	2.5281e+01	2.5141e+02
	1221	0.0000e+00	0.0000e+00	0.0000e+00	6.0095e+02	-5.9026e+01	2.8408e+02
	1211	0.0000e+00	0.0000e+00	0.0000e+00	7.3165e+02	-2.0912e+01	1.2258e+02
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	4.0572e+02	-1.7921e+01	8.0963e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	3.4230e+02	6.6779e+01	1.6136e+02
	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.0831e+02	-2.3518e+01	2.0273e+02
	1210	0.0000e+00	0.0000e+00	0.0000e+00	5.0268e+02	-2.0418e+01	1.2232e+02
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	3.4074e+02	1.4217e+01	5.2004e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	2.8305e+02	7.8524e+01	9.2476e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	3.1391e+02	1.9088e+01	1.3087e+02
	1209	0.0000e+00	0.0000e+00	0.0000e+00	3.9195e+02	7.6726e+00	9.0380e+01
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	3.1834e+02	2.8326e+01	1.9382e+01

	1217	0.0000e+00	0.0000e+00	0.0000e+00	2.6037e+02	7.3084e+01	3.2759e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	2.7012e+02	5.1806e+01	6.8778e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	3.3582e+02	2.5455e+01	5.5351e+01
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	3.3050e+02	2.6817e+01	-1.4796e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	2.6797e+02	5.4536e+01	-2.5012e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	2.5971e+02	7.1677e+01	1.1021e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	3.1793e+02	2.8806e+01	2.1226e+01
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.8031e+02	1.1536e+01	-4.9108e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	3.0870e+02	2.5159e+01	-8.6022e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	2.7945e+02	7.7242e+01	-4.8429e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	3.3474e+02	1.6752e+01	-1.1614e+01
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	4.8364e+02	-1.3019e+01	-8.0034e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	3.9935e+02	-1.1926e+01	-1.5599e+02
	1215	0.0000e+00	0.0000e+00	0.0000e+00	3.3522e+02	6.5212e+01	-1.1597e+02
	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.9384e+02	-1.2614e+01	-4.0026e+01
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	7.0374e+02	-7.2239e+00	-7.8666e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	5.8703e+02	-3.7398e+01	-2.3440e+02
	1214	0.0000e+00	0.0000e+00	0.0000e+00	4.4922e+02	2.3749e+01	-2.0383e+02
	1204	0.0000e+00	0.0000e+00	0.0000e+00	5.2598e+02	-6.7202e+01	-4.8109e+01
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	5.5476e+02	2.1887e+02	8.6634e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	1.6162e+03	7.4819e+01	-2.3746e+02
	1213	0.0000e+00	0.0000e+00	0.0000e+00	6.8999e+02	-1.6625e+02	-3.8243e+02
	1203	0.0000e+00	0.0000e+00	0.0000e+00	8.2421e+02	-2.4616e+01	-5.8340e+01
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.9854e+02	3.6227e+01	2.9998e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	6.7245e+02	3.4870e+01	1.5143e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	6.9285e+02	1.0270e+02	2.9676e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	5.0977e+02	7.2097e+01	1.4124e+01
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	4.7267e+02	-3.7495e+01	1.0825e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	5.2477e+02	-4.1353e+01	7.5897e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	6.2006e+02	-5.2817e+01	3.9959e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	5.1002e+02	1.4574e+01	-2.5849e+01
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	4.0294e+02	-2.1894e+01	1.9750e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	4.2057e+02	-1.9646e+01	7.8856e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	5.0105e+02	-2.8556e+01	7.1737e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	4.4257e+02	-1.2231e+01	1.2802e+01
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	3.5249e+02	1.8675e+00	2.0001e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	3.6040e+02	7.1609e+00	5.5254e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	4.0314e+02	2.1989e+00	6.1732e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.8142e+02	-2.9175e+00	2.6457e+01
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.3041e+02	1.0243e+01	1.4827e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	3.3656e+02	2.0823e+01	2.7739e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	3.5145e+02	1.9314e+01	3.8475e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	3.4187e+02	8.7606e+00	2.5519e+01
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.3517e+02	1.0176e+01	8.8901e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	3.4569e+02	1.9836e+01	2.1962e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	3.3556e+02	2.2110e+01	1.1584e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.2929e+02	1.0951e+01	1.9382e+01
1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.6657e+02	2.1332e+00	8.1941e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.9020e+02	4.9290e+00	-2.1981e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	3.5261e+02	1.0557e+01	-1.5998e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.4347e+02	2.4098e+00	1.4199e+01
1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	4.1864e+02	-4.5214e+00	2.2175e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	4.7997e+02	-2.2242e+01	-3.0969e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	4.0552e+02	-1.3350e+01	-3.8721e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.8552e+02	-1.5972e+01	1.4472e+01
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	4.7516e+02	2.8910e+01	5.9858e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	5.8850e+02	-4.0513e+01	2.3534e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	5.0129e+02	-2.9761e+01	-3.4360e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	4.4564e+02	-2.6767e+01	2.3282e+01
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.5980e+02	9.5464e+01	1.7182e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	6.4608e+02	1.2617e+02	1.2893e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	6.3817e+02	5.5623e+01	2.8696e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	4.5902e+02	5.5101e+01	3.2983e+01

1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	3.3312e+02	3.6206e+00	-2.0846e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.6885e+02	1.9575e+01	-1.4031e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.7187e+02	4.0854e+01	1.1717e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	3.4419e+02	7.4676e+00	4.8966e+00
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	3.2198e+02	-6.1224e+00	-3.2414e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	4.2862e+02	-2.1391e+01	-1.3860e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.4722e+02	-2.7892e+00	-2.2889e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	3.4148e+02	-1.5738e+00	-4.1569e+01
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	3.0027e+02	-1.2380e+00	-1.8761e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.7336e+02	-1.3005e+01	9.7791e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	4.1202e+02	-2.2700e+01	-1.0288e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	3.1817e+02	3.2887e+00	-3.7827e+01
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	2.7994e+02	8.6668e+00	2.7701e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	3.3424e+02	1.6770e+00	1.8695e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.6232e+02	-9.9385e+00	5.2135e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	2.9221e+02	1.0588e+01	-1.5762e+01
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.6870e+02	1.5088e+01	1.1745e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.1720e+02	8.3306e+00	2.0154e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	3.2863e+02	4.2039e+00	1.0970e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	2.7443e+02	1.5623e+01	3.2122e+00
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.6780e+02	1.6850e+01	2.3956e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.2177e+02	5.4959e+00	2.1056e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	3.1606e+02	9.1517e+00	1.1841e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.6758e+02	1.5945e+01	1.4699e+01
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	2.7769e+02	1.4259e+01	4.1423e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.4713e+02	-6.1197e+00	2.7287e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.2510e+02	4.4606e+00	1.3381e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.7103e+02	1.1714e+01	2.7463e+01
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	2.9536e+02	1.0166e+01	6.2689e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	3.8769e+02	-1.4806e+01	4.1045e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.5586e+02	-7.2405e+00	2.2560e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	2.8331e+02	4.8260e+00	4.4186e+01
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	3.0976e+02	1.1893e+01	6.3883e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	4.1190e+02	1.2190e+01	5.2351e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	4.0189e+02	-1.1191e+01	4.5061e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	2.9639e+02	3.8105e+00	5.6591e+01
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.0183e+02	2.3768e+01	1.1958e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.2350e+02	6.3898e+01	1.3742e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	4.3099e+02	3.6544e+01	4.3396e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	2.9795e+02	1.8180e+01	4.1610e+01
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.6959e+02	-4.0662e+01	-3.5863e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	3.0523e+02	-1.9514e+01	-2.6871e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	3.0937e+02	-2.0165e+01	4.6593e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.8376e+02	-6.0321e+01	-4.9027e+00
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.6277e+02	7.1780e+00	-5.1083e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	2.8265e+02	-8.0167e+00	-3.9503e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	2.8828e+02	-1.4276e+01	-4.3960e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.8070e+02	-2.0533e+01	-5.5548e+01
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.7077e+02	2.5363e+01	-2.6900e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	2.6070e+02	6.3452e+00	-2.2185e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	2.7221e+02	-5.4157e+00	-4.4759e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.6896e+02	2.0282e+01	-4.9512e+01
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.7892e+02	2.8140e+01	-4.2873e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	2.4769e+02	1.4119e+01	-3.2075e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	2.5775e+02	5.2469e+00	-2.3085e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.7216e+02	3.2111e+01	-2.4662e+01
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.7977e+02	2.8752e+01	1.0789e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.4183e+02	1.6097e+01	1.2712e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	2.4710e+02	1.2934e+01	-3.7204e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.7835e+02	3.0905e+01	-5.2451e+00
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.7272e+02	3.2007e+01	2.3858e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.4063e+02	1.4347e+01	2.6946e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.4079e+02	1.6780e+01	1.1594e+01

	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.7880e+02	2.9572e+01	8.5230e+00
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	1.6004e+02	3.5254e+01	4.3178e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	2.4366e+02	9.1229e+00	4.6542e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.3917e+02	1.6929e+01	2.6201e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.7133e+02	3.0927e+01	2.2836e+01
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.5066e+02	2.5636e+01	6.7040e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	2.5030e+02	1.9600e+00	6.7216e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	2.4467e+02	1.1686e+01	4.5617e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	1.5664e+02	3.0320e+01	4.5439e+01
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.5700e+02	-1.2984e+01	7.0526e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	2.5825e+02	-3.2923e+00	6.3698e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	2.5903e+02	1.2727e+00	6.1688e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.4239e+02	1.4500e+01	6.8515e+01
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	1.5548e+02	-5.1019e+01	1.4275e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	2.7185e+02	-4.0130e+00	9.5015e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	2.7389e+02	-7.1316e+00	4.5576e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.4377e+02	-3.0844e+01	5.0350e+01
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	-2.9216e+01	-8.9376e+01	-5.7332e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.4432e+02	-6.8145e+01	-4.1627e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.4906e+02	-9.2678e+01	1.5511e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	4.1994e+00	-1.5507e+02	-1.4985e+01
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	-4.8002e+00	4.3315e+01	-4.3976e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.1710e+02	9.1513e+00	-4.1618e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.1829e+02	-3.5033e+01	-6.4484e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	3.2338e+00	-2.4050e+01	-6.6850e+01
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	5.3870e+01	5.0458e+01	4.1776e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.2710e+02	3.5986e+01	-2.1544e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.1991e+02	1.1497e+01	-5.0080e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	9.8363e+00	5.3441e+01	-2.4652e+01
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	9.0895e+01	4.0139e+01	1.4391e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.4573e+02	3.3879e+01	-4.1701e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.3719e+02	2.6530e+01	-1.8690e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	6.2794e+01	4.9553e+01	1.4591e+00
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.0268e+02	3.3809e+01	1.1957e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.5290e+02	2.9234e+01	7.2956e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.5119e+02	2.7691e+01	1.7246e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	9.4715e+01	3.7440e+01	4.8262e+00
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	9.0308e+01	3.8586e+01	8.5814e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.4584e+02	2.9129e+01	1.7358e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.5204e+02	2.9761e+01	1.0207e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.0193e+02	3.4527e+01	1.8351e+00
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	5.3471e+01	5.2545e+01	1.3600e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	1.2577e+02	3.0051e+01	3.5547e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.3872e+02	3.6357e+01	2.0951e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	8.5018e+01	4.2711e+01	-1.5733e+00
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	-4.3079e+00	5.8066e+01	3.7381e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.0286e+02	1.7219e+01	6.6247e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	1.1419e+02	4.0463e+01	3.8288e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	4.3143e+01	5.4810e+01	9.4551e+00
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	-1.6556e+01	-1.8548e+01	7.8650e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	9.6645e+01	-2.7218e+01	7.8690e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	9.8962e+01	1.5537e+01	5.7300e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-1.8776e+01	4.9086e+01	5.7259e+01
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	-1.8209e+01	-1.5008e+02	2.4369e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	1.2551e+02	-8.3266e+01	9.0797e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.2236e+02	-6.0349e+01	5.4512e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-4.5998e+01	-8.3209e+01	6.9803e+01
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	-3.5048e+02	-1.2180e+02	-6.9601e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-5.4929e+01	-1.2015e+02	-5.5562e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-4.4478e+01	-2.0808e+02	-6.1323e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-3.3253e+02	-3.0414e+02	-2.0108e+01
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	-1.1491e+02	8.2653e+01	7.5723e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-7.1021e+01	8.3119e+01	-9.3900e+00

	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.0977e+02	-4.1063e+01	-9.4462e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-2.4850e+02	1.2745e+02	-9.4130e+00
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	2.4474e+00	5.6012e+01	8.0111e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.7871e+01	6.2542e+01	1.3312e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-2.2708e+01	4.3729e+01	2.1021e+00
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-9.6196e+01	7.2848e+01	6.8667e+01
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	5.0583e+01	2.8217e+01	4.5561e+01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	7.1156e+01	4.0580e+01	1.3789e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	4.1929e+01	4.2500e+01	2.2860e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	1.5471e+01	3.6912e+01	5.4654e+01
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	6.6113e+01	1.6580e+01	1.3139e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	8.8106e+01	2.9699e+01	5.0394e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	8.0157e+01	3.1511e+01	1.7918e+01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	5.7428e+01	1.9012e+01	2.6108e+01
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	5.4062e+01	2.0406e+01	-1.7401e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	7.6037e+01	3.3023e+01	-6.1647e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	8.7435e+01	3.0144e+01	6.9837e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	6.5590e+01	1.7208e+01	-4.5280e+00
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	8.3655e+00	4.0307e+01	-4.5643e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	3.3234e+01	4.5929e+01	-1.0922e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	6.5730e+01	4.2966e+01	-2.1651e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	4.6197e+01	3.0838e+01	-3.6655e+01
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.0650e+02	7.8044e+01	-5.9027e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-3.5139e+01	4.8814e+01	1.0343e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	8.0198e+00	6.6756e+01	-1.5917e+00
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-9.1065e+00	6.0493e+01	-7.0663e+01
1440	1153	0.0000e+00	0.0000e+00	0.0000e+00	-2.6070e+02	1.3379e+02	2.0270e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-1.2463e+02	-3.5159e+01	1.0669e+02
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-8.4371e+01	8.8727e+01	2.1233e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.2585e+02	8.8491e+01	-6.5204e+01
1441	1088	0.0000e+00	0.0000e+00	0.0000e+00	-3.4420e+02	-2.9854e+02	3.2416e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-5.8200e+01	-2.0291e+02	1.7506e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-6.9635e+01	-1.1455e+02	6.6943e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-3.6297e+02	-1.1651e+02	8.1853e+01
1442	323	0.0000e+00	0.0000e+00	0.0000e+00	-1.7159e+02	5.1924e+02	8.2420e+02
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-7.8249e+02	6.4008e+01	1.0746e+02
	1162	0.0000e+00	0.0000e+00	0.0000e+00	3.5439e+01	-5.2268e+02	-1.6601e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	-2.4416e+03	-4.3810e+02	5.5074e+02
1443	322	0.0000e+00	0.0000e+00	0.0000e+00	-8.5757e+00	6.1670e+01	2.5430e+02
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-1.4043e+02	1.4282e+02	8.1469e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-5.0415e+02	8.1491e+01	1.8893e+02
	323	0.0000e+00	0.0000e+00	0.0000e+00	6.6565e+00	-4.9500e+01	3.6176e+02
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	5.6316e+01	9.0275e+00	1.3417e+02
	1159	0.0000e+00	0.0000e+00	0.0000e+00	8.2646e+00	4.2205e+01	8.0288e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-7.6268e+01	6.8159e+01	1.4474e+02
	322	0.0000e+00	0.0000e+00	0.0000e+00	3.1363e+01	-2.5883e+01	1.9862e+02
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	7.1115e+01	-1.5452e+01	6.0523e+01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	5.8269e+01	1.3854e+01	4.3008e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	2.3180e+01	3.0801e+01	8.5568e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	7.0794e+01	-2.3954e+01	1.0308e+02
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	7.4600e+01	-2.3196e+01	1.0258e+01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	7.0125e+01	5.2395e+00	6.7338e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	6.2080e+01	1.0409e+01	3.9179e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	7.5456e+01	-2.5373e+01	4.2731e+01
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	7.2872e+01	-2.3603e+01	-3.7356e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	5.8957e+01	1.2133e+01	-3.1427e+01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	6.9615e+01	5.6643e+00	1.2713e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	7.4245e+01	-2.2621e+01	-4.9964e+00
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	6.5258e+01	-1.9813e+01	-9.7240e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	1.6513e+01	3.4631e+01	-7.7389e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	5.4131e+01	1.6442e+01	-3.5143e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	6.7830e+01	-1.2550e+01	-5.4990e+01
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	2.2775e+01	-1.9422e+01	-1.9178e+02

	1154	0.0000e+00	0.0000e+00	0.0000e+00	-8.6018e+01	7.3832e+01	-1.3567e+02
	1155	0.0000e+00	0.0000e+00	0.0000e+00	1.3994e+00	4.6905e+01	-7.1886e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	5.0104e+01	1.4234e+01	-1.2799e+02
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-5.7473e+00	-4.1105e+01	-3.5304e+02
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-5.1689e+02	8.8121e+01	-1.7818e+02
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.5121e+02	1.4946e+02	-7.1993e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.6994e+01	6.9068e+01	-2.4685e+02
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-2.4610e+03	-4.3153e+02	-5.3912e+02
	1088	0.0000e+00	0.0000e+00	0.0000e+00	2.4672e+01	-5.1749e+02	1.7967e+02
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-7.9628e+02	7.0665e+01	-9.6413e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-1.8366e+02	5.2968e+02	-8.1520e+02
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	8.4637e+02	1.3767e+01	6.5623e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	7.1688e+02	-1.7460e+02	3.9734e+02
	24	0.0000e+00	0.0000e+00	0.0000e+00	1.6290e+03	9.2175e+01	2.5610e+02
	1143	0.0000e+00	0.0000e+00	0.0000e+00	5.4533e+02	2.1082e+02	-7.5625e+01
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	5.4790e+02	-6.1097e+01	5.5421e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	4.6322e+02	3.7181e+01	2.3235e+02
	1152	0.0000e+00	0.0000e+00	0.0000e+00	6.0200e+02	-3.4817e+01	2.5440e+02
	1142	0.0000e+00	0.0000e+00	0.0000e+00	7.3507e+02	1.6015e+01	7.7467e+01
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	3.9358e+02	4.2294e+00	5.5074e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	3.3319e+02	8.9224e+01	1.5271e+02
	1151	0.0000e+00	0.0000e+00	0.0000e+00	4.0883e+02	-1.0995e+01	1.8778e+02
	1141	0.0000e+00	0.0000e+00	0.0000e+00	4.9784e+02	3.2472e+00	9.0127e+01
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	3.1039e+02	4.1471e+01	3.3840e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	2.5480e+02	1.0990e+02	9.2846e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	2.9980e+02	3.2031e+01	1.2510e+02
	1140	0.0000e+00	0.0000e+00	0.0000e+00	3.7420e+02	3.0456e+01	6.6054e+01
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	2.6290e+02	6.4122e+01	9.3108e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	2.0532e+02	1.1145e+02	4.4893e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	2.3409e+02	7.1141e+01	7.3445e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	3.0022e+02	5.6470e+01	3.7615e+01
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	2.3862e+02	7.2620e+01	-1.5405e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	1.7482e+02	9.6517e+01	4.4151e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	1.9322e+02	1.0289e+02	2.9561e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	2.5530e+02	7.1187e+01	1.0741e+01
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.3342e+02	6.6960e+01	-3.7241e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	1.5980e+02	6.5104e+01	-3.3162e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	1.6986e+02	1.2513e+02	-9.8664e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	2.3084e+02	7.2379e+01	-1.3930e+01
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	2.4834e+02	4.7003e+01	-5.5571e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	1.6240e+02	1.6936e+01	-6.8471e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	1.6220e+02	1.3543e+02	-4.6721e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.2473e+02	5.8147e+01	-3.3842e+01
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	3.0323e+02	2.2471e+01	-6.2131e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	1.8684e+02	-4.4086e+01	-1.0206e+02
	1145	0.0000e+00	0.0000e+00	0.0000e+00	1.7365e+02	1.2879e+02	-8.4521e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	2.4282e+02	2.4244e+01	-4.4603e+01
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	2.0830e+02	5.4861e+00	-5.2998e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	4.4078e+02	-8.3425e+01	-1.2415e+02
	1144	0.0000e+00	0.0000e+00	0.0000e+00	2.1854e+02	6.4279e+01	-1.4004e+02
	1134	0.0000e+00	0.0000e+00	0.0000e+00	2.9931e+02	1.0271e+01	-6.8889e+01
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	4.4949e+02	6.7214e+01	-3.7494e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	6.3557e+02	9.5874e+01	-2.6143e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	6.4572e+02	1.1709e+02	-5.1819e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.6028e+02	1.0019e+02	-1.6512e+01
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	4.4120e+02	-4.6460e+00	-2.6753e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	5.0735e+02	-7.0464e+00	3.0547e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	5.8612e+02	-3.1646e+01	-5.5603e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	4.6778e+02	4.3902e+01	-6.2551e+01
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	3.8024e+02	5.7137e+00	-1.8373e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	4.0258e+02	9.0019e+00	4.5382e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	4.8287e+02	-1.3382e+01	3.4145e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	4.1706e+02	1.5046e+01	-2.9547e+01

1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	3.2412e+02	2.8293e+01	-1.7612e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	3.3106e+02	3.8173e+01	2.9039e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	3.8230e+02	2.2957e+01	3.2760e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	3.5829e+02	2.4667e+01	-1.3877e+01
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.8683e+02	4.6844e+01	-2.3053e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	2.8572e+02	5.9853e+01	7.0612e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	3.1699e+02	4.9890e+01	1.6245e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	3.0972e+02	4.2232e+01	-1.3613e+01
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.6606e+02	5.5318e+01	-3.1964e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	2.6094e+02	6.9584e+01	-1.6508e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	2.7689e+02	6.4611e+01	-5.6609e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.7879e+02	5.4350e+01	-2.0717e+01
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.5896e+02	5.2681e+01	-4.0635e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.5318e+02	6.5633e+01	-3.6735e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	2.5613e+02	6.6153e+01	-2.6448e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.6319e+02	5.6711e+01	-3.0341e+01
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.6006e+02	3.9433e+01	-4.5103e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	2.6359e+02	4.6871e+01	-5.1368e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.5166e+02	5.3677e+01	-4.5467e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.6040e+02	4.8305e+01	-3.9206e+01
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.8069e+02	2.0508e+01	-4.2019e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	2.7075e+02	1.5552e+01	-5.4207e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	2.6406e+02	3.3024e+01	-5.4349e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.6489e+02	2.8387e+01	-4.2166e+01
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	1.6856e+02	-2.0879e+01	-6.1414e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	3.9804e+02	8.5943e+00	-6.7242e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	2.8333e+02	-4.7317e+00	-6.7467e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.7235e+02	2.5006e+01	-6.1640e+01
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	2.9543e+02	2.5267e+01	-4.6215e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	4.2558e+02	4.7971e+01	-4.4335e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.2152e+02	6.7861e+01	-1.4360e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.0296e+02	2.5520e+01	-1.6237e+01
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	2.9017e+02	1.9167e+01	-6.5266e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.9777e+02	1.1227e+01	-5.1699e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	4.0958e+02	2.6331e+01	-5.3223e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	3.0337e+02	2.1539e+01	-6.6793e+01
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	2.7449e+02	2.4243e+01	-5.9562e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	3.4842e+02	1.7120e+01	-3.3073e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.8249e+02	3.0220e+00	-4.7343e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	2.8928e+02	2.5668e+01	-7.3851e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	2.5506e+02	3.6258e+01	-4.8369e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	3.0592e+02	3.4058e+01	-2.4768e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	3.3656e+02	1.4909e+01	-3.5706e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	2.6802e+02	3.6372e+01	-5.9340e+01
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	2.3960e+02	4.6609e+01	-4.1930e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.7698e+02	4.8043e+01	-2.5648e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	2.9799e+02	3.4617e+01	-3.0507e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	2.4870e+02	4.6622e+01	-4.6810e+01
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	2.2915e+02	5.1711e+01	-4.0670e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.6057e+02	5.3678e+01	-3.1234e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.7199e+02	4.8608e+01	-3.2168e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	2.3519e+02	5.2609e+01	-4.1609e+01
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	2.2310e+02	4.9811e+01	-4.1183e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.5390e+02	4.9237e+01	-3.7289e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.5760e+02	5.3424e+01	-3.7388e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	2.2662e+02	5.3063e+01	-4.1283e+01
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	2.1750e+02	3.8416e+01	-4.1310e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.5616e+02	3.5016e+01	-4.1171e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.5254e+02	4.7681e+01	-4.2463e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	2.2139e+02	4.7080e+01	-4.2602e+01
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	2.2966e+02	1.5849e+01	-4.1715e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.4255e+02	1.1878e+01	-4.2427e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.5505e+02	3.5014e+01	-4.2066e+01



	1113	0.0000e+00	0.0000e+00	0.0000e+00	2.1586e+02	3.0263e+01	-4.1353e+01
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	9.2333e+01	-4.0650e+01	-6.4689e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	3.6816e+02	-1.2036e+01	-6.1503e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.4966e+02	-9.7305e+00	-6.2560e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	2.1641e+02	2.1434e+01	-6.5746e+01
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.4364e+02	-2.7308e+01	-5.7405e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	2.7033e+02	2.1220e+00	-5.0359e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	2.6921e+02	-2.5479e+00	-1.5165e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	1.5774e+02	-4.9910e+01	-2.2209e+01
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.3829e+02	1.9594e+01	-8.1281e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	2.5454e+02	1.3323e+01	-7.1651e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	2.5842e+02	5.4534e+00	-6.6953e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.5216e+02	-1.1469e+01	-7.6583e+01
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.4705e+02	4.2963e+01	-6.7617e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	2.3644e+02	3.0594e+01	-6.3742e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	2.4530e+02	1.4875e+01	-7.8450e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.4533e+02	3.4342e+01	-8.2327e+01
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.5872e+02	5.0528e+01	-5.1050e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	2.2389e+02	4.3152e+01	-5.0543e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	2.3314e+02	2.8062e+01	-6.5755e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.5043e+02	5.3677e+01	-6.6265e+01
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.6553e+02	5.1976e+01	-4.3823e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	2.1643e+02	4.9738e+01	-4.3256e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	2.2342e+02	3.9808e+01	-5.2024e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.5961e+02	5.6597e+01	-5.2595e+01
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.6614e+02	5.1882e+01	-4.3787e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	2.1112e+02	5.1196e+01	-4.1677e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	2.1600e+02	4.7384e+01	-4.5507e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.6518e+02	5.5009e+01	-4.7620e+01
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.6161e+02	4.9206e+01	-4.5957e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	2.0608e+02	4.6822e+01	-4.2210e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	2.0976e+02	4.9887e+01	-4.4464e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.6486e+02	5.2392e+01	-4.8213e+01
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.5145e+02	3.7875e+01	-4.7452e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	2.0337e+02	3.4348e+01	-4.2979e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	2.0410e+02	4.4904e+01	-4.5553e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.5899e+02	4.6958e+01	-5.0027e+01
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.6231e+02	1.0538e+01	-4.7762e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.8125e+02	7.7264e+00	-4.4972e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	2.0044e+02	3.2487e+01	-4.4639e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.4828e+02	2.8915e+01	-4.7426e+01
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	8.8812e+00	-5.5528e+01	-7.0539e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	3.2541e+02	-2.5380e+01	-6.6323e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.8734e+02	-2.3937e+01	-7.0251e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.4761e+02	1.4983e+01	-7.4465e+01
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	-4.3419e+01	-8.3866e+01	-7.9168e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.2006e+02	-5.6002e+01	-6.2500e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	1.2310e+02	-8.1970e+01	-1.6664e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-1.5808e+01	-1.5362e+02	-3.3330e+01
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	-2.7685e+01	4.1615e+01	-7.6958e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	9.7266e+01	1.6643e+01	-7.2120e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	9.9532e+01	-2.7432e+01	-8.4525e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-2.1053e+01	-2.5491e+01	-8.9364e+01
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	2.8370e+01	6.3418e+01	-3.3972e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.0402e+02	5.2837e+01	-5.9716e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	9.7238e+01	2.3416e+01	-8.3864e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.2386e+01	6.5244e+01	-5.8116e+01
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	7.2739e+01	5.8830e+01	-2.3403e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.2570e+02	5.7845e+01	-4.7663e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.1382e+02	4.5115e+01	-5.9857e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	3.9918e+01	7.0606e+01	-3.5588e+01
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	9.8787e+01	4.9759e+01	-2.9375e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.4160e+02	5.3970e+01	-4.3856e+01

	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.3389e+02	4.9292e+01	-4.6107e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	7.9816e+01	5.8391e+01	-3.1624e+01
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.0808e+02	4.4609e+01	-4.2015e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.4742e+02	4.9932e+01	-4.6358e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.4547e+02	4.8999e+01	-4.3760e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.0205e+02	4.8690e+01	-3.9417e+01
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.0373e+02	4.2794e+01	-5.4630e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.4354e+02	4.4954e+01	-5.0369e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.4702e+02	4.8367e+01	-4.7443e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	1.0810e+02	4.4190e+01	-5.1703e+01
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	8.5476e+01	3.7193e+01	-6.2043e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.3629e+02	3.2984e+01	-5.1871e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.3973e+02	4.4408e+01	-5.2581e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.0074e+02	4.1741e+01	-6.2751e+01
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	9.0623e+01	1.1052e+01	-5.8760e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.0618e+02	3.3785e+00	-5.0852e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.3011e+02	3.2462e+01	-5.3144e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	8.1224e+01	2.7942e+01	-6.1049e+01
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	-9.7237e+01	-7.3183e+01	-8.0146e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	2.7044e+02	-3.7425e+01	-7.4382e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.1333e+02	-3.6323e+01	-7.9570e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	7.1360e+01	1.1184e+01	-8.5331e+01
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	-3.6396e+02	-1.8606e+02	-9.5732e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-5.7330e+01	-1.1750e+02	-8.6787e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-6.2647e+01	-2.0756e+02	-2.7994e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-3.4216e+02	-2.6666e+02	-3.6939e+01
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	-1.5475e+02	8.7550e+01	3.4663e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-9.4647e+01	7.8825e+01	-3.8133e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.1773e+02	-4.2258e+01	-1.2302e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-2.6573e+02	1.3337e+02	-5.0243e+01
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	-3.1930e+01	7.3070e+01	5.8725e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.3419e+01	8.0740e+01	-1.7699e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-5.2698e+01	5.2178e+01	-3.4736e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-1.3329e+02	9.6875e+01	4.1670e+01
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	3.3229e+01	4.6250e+01	2.7177e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	5.1741e+01	6.2141e+01	-1.7530e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	1.4492e+01	6.0782e+01	-9.2104e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-1.1911e+01	5.8564e+01	3.5517e+01
1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	6.5729e+01	2.8799e+01	-6.6523e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	8.6277e+01	4.6131e+01	-2.9068e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	6.6234e+01	4.9889e+01	-1.4098e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	4.4401e+01	3.4745e+01	8.4575e+00
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	7.7635e+01	2.0917e+01	-3.8729e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	9.8881e+01	3.8536e+01	-4.5989e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	9.2196e+01	4.0689e+01	-2.9753e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	7.0923e+01	2.3259e+01	-2.2491e+01
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	7.4053e+01	2.0719e+01	-6.7976e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	9.3864e+01	3.5997e+01	-6.2951e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	9.8648e+01	3.7644e+01	-4.7965e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	7.8459e+01	2.0687e+01	-5.2987e+01
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	4.8625e+01	2.4865e+01	-9.1118e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	7.7599e+01	3.0860e+01	-7.3477e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	8.7605e+01	3.8105e+01	-6.4496e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	7.0884e+01	2.4808e+01	-8.2135e+01
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	3.1764e+01	2.6443e+01	-9.0362e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	2.7793e+01	3.7963e+00	-6.4320e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	6.2612e+01	3.8480e+01	-7.0591e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	4.4095e+01	2.5919e+01	-9.6631e+01
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	-2.0663e+02	-9.4557e+01	-1.0028e+02
	1089	0.0000e+00	0.0000e+00	0.0000e+00	2.1071e+02	-5.4628e+01	-8.4722e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	3.2286e+01	-4.1709e+01	-9.5807e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	7.5184e+00	2.2721e+01	-1.1137e+02
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	-2.1664e+02	6.0662e+02	8.2359e+02

	1087	0.0000e+00	0.0000e+00	0.0000e+00	-8.7328e+02	8.6528e+00	9.0757e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	4.2984e+01	-4.8813e+02	-1.7679e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	-2.4828e+03	-5.0517e+02	5.5604e+02
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	-4.8212e+01	8.8342e+01	2.5942e+02
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-2.0623e+02	1.8401e+02	5.8971e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-6.1050e+02	5.8091e+01	1.5523e+02
	215	0.0000e+00	0.0000e+00	0.0000e+00	-1.3253e+01	-5.5265e+01	3.5568e+02
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	3.6913e+01	3.4278e+01	1.4196e+02
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-2.7114e+01	6.4861e+01	6.6544e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-1.2173e+02	8.7758e+01	1.3241e+02
	214	0.0000e+00	0.0000e+00	0.0000e+00	-7.7646e+00	-2.4690e+01	2.0782e+02
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	6.2989e+01	2.4710e+00	5.9548e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	4.4444e+01	3.0916e+01	3.0133e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-3.1658e+00	5.1977e+01	7.6118e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	5.5730e+01	-1.7097e+01	1.0554e+02
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	7.3974e+01	-1.3997e+01	6.2544e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	7.3177e+01	1.4586e+01	-6.6512e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	5.3465e+01	2.6811e+01	2.7392e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	7.0197e+01	-1.9347e+01	4.0129e+01
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	7.9653e+01	-1.9690e+01	-3.6961e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	8.3190e+01	9.8945e+00	-4.1861e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	7.6466e+01	1.3317e+01	-1.3308e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	7.7262e+01	-2.0837e+01	-8.4629e+00
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	8.3339e+01	-2.0624e+01	-7.7240e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	7.9362e+01	1.2486e+01	-7.6246e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	8.3348e+01	9.4907e+00	-4.8826e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	8.1058e+01	-1.9191e+01	-4.9823e+01
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	7.7447e+01	-1.9088e+01	-1.1975e+02
	1080	0.0000e+00	0.0000e+00	0.0000e+00	6.2507e+01	2.0284e+01	-1.0959e+02
	1081	0.0000e+00	0.0000e+00	0.0000e+00	7.5604e+01	1.2681e+01	-8.1461e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	8.2815e+01	-1.1500e+01	-9.1620e+01
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	1.0329e+02	-1.3494e+01	-1.5940e+02
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-3.7063e+01	1.6534e+01	-1.2953e+02
	1080	0.0000e+00	0.0000e+00	0.0000e+00	4.6182e+01	3.3813e+01	-1.0108e+02
	208	0.0000e+00	0.0000e+00	0.0000e+00	7.6490e+01	4.5737e+00	-1.3096e+02
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-3.5956e+02	-5.7127e+01	-1.8676e+02
	1078	0.0000e+00	0.0000e+00	0.0000e+00	1.8453e+02	-7.6283e+01	-8.9870e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-7.4241e+01	-8.3864e+00	-1.4516e+02
	207	0.0000e+00	0.0000e+00	0.0000e+00	7.7951e+01	9.3895e+01	-2.4206e+02
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	1.0888e+03	6.3816e+01	5.8234e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	4.7226e+02	-5.7694e+02	7.8763e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	2.7879e+03	6.8701e+02	5.3603e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	1.1177e+02	5.9476e+02	-1.9337e+02
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	4.3477e+02	-1.9561e+02	1.5770e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	2.6676e+02	-8.5864e+01	2.2250e+02
	1077	0.0000e+00	0.0000e+00	0.0000e+00	2.4977e+02	8.6125e+01	3.1876e+02
	1071	0.0000e+00	0.0000e+00	0.0000e+00	8.3103e+02	-1.4017e+01	1.1203e+02
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	2.7221e+02	-1.1245e+02	1.7152e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	1.7413e+02	-5.6055e+01	8.4990e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	2.2262e+02	1.0068e+01	1.6225e+02
	1070	0.0000e+00	0.0000e+00	0.0000e+00	3.4814e+02	-1.0197e+02	9.4413e+01
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	2.5509e+02	-1.0424e+02	-3.5311e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	1.6055e+02	-2.6906e+01	-3.5350e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	1.6050e+02	-2.6912e+01	3.5611e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	2.5507e+02	-1.0426e+02	3.5650e+01
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	3.4822e+02	-1.0193e+02	-9.4105e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	2.2282e+02	1.0116e+01	-1.6202e+02
	1074	0.0000e+00	0.0000e+00	0.0000e+00	1.7424e+02	-5.6008e+01	-8.4735e+01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	2.7225e+02	-1.1244e+02	-1.6823e+01
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	8.3115e+02	-1.4003e+01	-1.1180e+02
	1072	0.0000e+00	0.0000e+00	0.0000e+00	2.5011e+02	8.6174e+01	-3.1859e+02
	1073	0.0000e+00	0.0000e+00	0.0000e+00	2.6701e+02	-8.5772e+01	-2.2229e+02
	1067	0.0000e+00	0.0000e+00	0.0000e+00	4.3486e+02	-1.9558e+02	-1.5496e+01

1528	548	0.0000e+00	0.0000e+00	0.0000e+00	1.1219e+02	5.9478e+02	1.9364e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	2.7882e+03	6.8668e+02	-5.3585e+02
	1072	0.0000e+00	0.0000e+00	0.0000e+00	4.7260e+02	-5.7676e+02	-7.8750e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	1.0890e+03	6.3731e+01	-5.8009e+01
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	2.3766e+02	1.6797e+02	-1.0314e+02
	1071	0.0000e+00	0.0000e+00	0.0000e+00	5.6248e+02	2.5316e+02	-1.2877e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	5.2332e+02	3.5456e+02	-5.2928e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	2.2979e+02	2.7441e+02	-2.7308e+01
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	3.1172e+02	-7.5624e+01	-5.1895e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	3.7572e+02	-8.5171e+01	-4.5662e+00
	1071	0.0000e+00	0.0000e+00	0.0000e+00	4.6259e+02	-1.0341e+02	-9.0885e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	3.1169e+02	7.5261e+01	-1.3823e+02
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	2.7196e+02	-1.1484e+02	-2.0627e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	2.8263e+02	-1.1262e+02	2.6516e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	3.5972e+02	-1.1866e+02	2.8765e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	2.8131e+02	-6.4773e+01	-4.4331e+01
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	2.5973e+02	-1.1035e+02	2.2951e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	2.7394e+02	-1.1493e+02	2.3082e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	2.7392e+02	-1.1492e+02	-1.9281e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	2.5974e+02	-1.1036e+02	-1.9381e+00
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	2.8127e+02	-6.4785e+01	4.4656e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	3.5977e+02	-1.1866e+02	-2.6135e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	2.8266e+02	-1.1260e+02	-2.6170e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	2.7194e+02	-1.1487e+02	2.0973e+01
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	3.1162e+02	7.5224e+01	1.3851e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	4.6271e+02	-1.0344e+02	9.1149e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	3.7579e+02	-8.5163e+01	4.8791e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	3.1167e+02	-7.5673e+01	5.2201e+01
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	2.2970e+02	2.7436e+02	2.7529e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	5.2347e+02	3.5453e+02	5.3161e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	5.6261e+02	2.5310e+02	1.2902e+02
	1060	0.0000e+00	0.0000e+00	0.0000e+00	2.3759e+02	1.6788e+02	1.0338e+02
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	7.8593e+01	1.0268e+02	-5.1646e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	2.3003e+02	1.3027e+02	-8.3014e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	1.8639e+02	2.1569e+02	-3.4576e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	6.5287e+01	1.3766e+02	-3.5536e+00
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	1.2605e+02	-1.5492e+00	-5.1118e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	2.4485e+02	-3.6155e+01	-8.0203e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	2.1223e+02	5.9455e+01	-9.7007e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	1.0570e+02	6.0882e+01	-6.7925e+01
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	1.4615e+02	-6.2525e+01	-2.2059e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	2.2490e+02	-9.3870e+01	-2.1926e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	2.3625e+02	-7.2458e+01	-5.8615e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	1.3512e+02	-2.3867e+01	-5.8749e+01
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.4625e+02	-6.7655e+01	1.7767e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	2.2167e+02	-1.0612e+02	1.7813e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	2.2169e+02	-1.0610e+02	-1.7483e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	1.4628e+02	-6.7648e+01	-1.7530e+01
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	1.3498e+02	-2.3928e+01	5.8963e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	2.3617e+02	-7.2521e+01	5.8921e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	2.2486e+02	-9.3874e+01	2.2248e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.4607e+02	-6.2569e+01	2.2291e+01
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	1.0549e+02	6.0774e+01	6.8087e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	2.1211e+02	5.9348e+01	9.7264e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	2.4475e+02	-3.6194e+01	8.0488e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	1.2589e+02	-1.6400e+00	5.1310e+01
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	6.5141e+01	1.3750e+02	3.5186e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	1.8620e+02	2.1556e+02	3.4762e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	2.2988e+02	1.3019e+02	8.3244e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	7.8425e+01	1.0253e+02	5.1767e+01
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	-5.1751e+01	5.6499e+01	-2.1519e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	6.2359e+01	7.5323e+01	-3.7877e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	4.0923e+01	1.1036e+02	-1.0462e+01

	622	0.0000e+00	0.0000e+00	0.0000e+00	-5.6335e+01	6.9100e+01	6.6544e+00
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	3.5382e+01	1.3204e+01	-3.0315e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	8.8135e+01	-3.6998e+00	-5.3801e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	5.9303e+01	5.1804e+01	-5.5023e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	4.2292e+01	3.7803e+01	-3.1558e+01
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	3.2006e+01	-2.1874e+01	-1.3234e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	9.8975e+01	-5.3010e+01	-2.5352e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	8.5513e+01	-2.4376e+01	-4.9076e+01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	3.2131e+01	-4.2483e+00	-3.6961e+01
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	3.2747e+01	-2.7887e+01	1.5301e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	9.7972e+01	-6.1212e+01	1.5393e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	9.8003e+01	-6.1167e+01	-1.5226e+01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	3.2584e+01	-2.7862e+01	-1.5325e+01
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	3.2894e+01	-4.3738e+00	3.6909e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	8.5418e+01	-2.4489e+01	4.9220e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	9.8919e+01	-5.3032e+01	2.5520e+01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	3.2328e+01	-2.1939e+01	1.3211e+01
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	4.3658e+01	3.7605e+01	3.1423e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	5.9268e+01	5.1621e+01	5.5107e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	8.8010e+01	-3.8019e+00	5.3928e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	3.6373e+01	1.3060e+01	3.0234e+01
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	-5.8121e+01	6.8808e+01	-6.6131e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	4.1142e+01	1.1011e+02	1.0400e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	6.2285e+01	7.5167e+01	3.7927e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-5.3221e+01	5.6258e+01	2.1324e+01
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.4663e+02	2.6885e+01	-8.4123e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-7.0323e+01	3.7901e+01	-1.3875e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	-7.9944e+01	5.3229e+01	3.9433e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.4594e+02	2.9027e+01	9.0990e+00
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.3872e+02	1.3733e+01	-1.7278e+01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-5.7858e+01	4.0087e+00	-2.7912e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-7.1809e+01	3.1099e+01	-2.6993e+01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.4136e+02	1.9332e+01	-1.6433e+01
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.3102e+02	-2.4767e+00	-7.9673e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-5.0912e+01	-2.1840e+01	-1.5160e+01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-5.9291e+01	-3.9768e+00	-2.9716e+01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.3306e+02	5.9966e+00	-2.2519e+01
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.2905e+02	-3.4163e+00	1.0107e+01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-5.1693e+01	-2.4972e+01	1.0242e+01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-5.1475e+01	-2.4911e+01	-1.0394e+01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.2883e+02	-3.3644e+00	-1.0556e+01
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.3390e+02	5.8686e+00	2.2023e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-6.0102e+01	-4.1372e+00	2.9536e+01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-5.1327e+01	-2.1887e+01	1.5029e+01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.3143e+02	-2.4922e+00	7.5352e+00
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.4281e+02	1.9027e+01	1.5754e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-7.3134e+01	3.0818e+01	2.6712e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-5.8862e+01	3.9051e+00	2.7716e+01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.3976e+02	1.3530e+01	1.6738e+01
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.4800e+02	2.8569e+01	-9.2714e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	-8.1769e+01	5.2833e+01	-3.5898e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-7.1831e+01	3.7647e+01	1.3519e+01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.4827e+02	2.6531e+01	7.5257e+00
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	-2.4250e+02	6.6618e+00	-8.8738e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.6810e+02	1.2737e+01	-6.3451e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.7012e+02	1.7740e+01	7.2357e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	-2.3576e+02	-4.4365e+00	6.1134e+00
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	-2.4659e+02	1.2772e+01	-1.6674e+01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.6642e+02	4.7567e+00	-1.6132e+01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.7117e+02	1.3659e+01	-1.6117e+01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-2.4073e+02	6.4215e+00	-1.6676e+01
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	-2.4735e+02	1.6390e+01	-8.3776e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.6552e+02	-3.0574e+00	-8.6702e+00

	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.6931e+02	5.0369e+00	-2.0407e+01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-2.4400e+02	1.2161e+01	-2.0107e+01
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	-2.4652e+02	1.6036e+01	7.8451e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.6691e+02	-3.0426e+00	8.0014e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.6669e+02	-2.9950e+00	-8.6210e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-2.4628e+02	1.6106e+01	-8.8511e+00
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	-2.4495e+02	1.1935e+01	1.9032e+01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.7017e+02	4.8405e+00	1.9725e+01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.6595e+02	-3.1746e+00	8.0778e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-2.4782e+02	1.6286e+01	7.4397e+00
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	-2.4243e+02	-6.1811e+00	1.5311e+01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.7267e+02	1.3268e+01	1.5212e+01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.6749e+02	4.6349e+00	1.5418e+01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-2.4779e+02	1.2513e+01	1.5543e+01
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	-2.3821e+02	-4.4991e+00	-5.5504e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.7229e+02	1.7166e+01	-7.2173e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.6982e+02	1.2379e+01	5.1123e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-2.4444e+02	6.3788e+00	7.1306e+00
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	-3.4479e+02	-1.6457e+01	-2.0236e+01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-2.6494e+02	-9.3600e+00	-1.0830e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	-2.6062e+02	-1.1792e+01	5.9129e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	-3.3159e+02	-2.9819e+01	-1.0469e+01
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	-3.5700e+02	1.5263e+01	-2.6373e+01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-2.7490e+02	5.6365e+00	-1.7100e+01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-2.7118e+02	-4.4491e+00	-1.9501e+01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-3.4387e+02	-9.0423e+00	-2.8713e+01
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	-3.6131e+02	3.3056e+01	-1.2384e+01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-2.8165e+02	1.4084e+01	-8.1578e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-2.7986e+02	1.0813e+01	-2.2272e+01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-3.5537e+02	2.2454e+01	-2.6532e+01
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	-3.6091e+02	3.5806e+01	8.4961e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-2.8363e+02	1.6012e+01	8.6491e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-2.8338e+02	1.6119e+01	-9.7915e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-3.6066e+02	3.5921e+01	-1.0064e+01
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	-3.5639e+02	2.2099e+01	2.4875e+01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-2.8084e+02	1.0529e+01	2.1007e+01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-2.8212e+02	1.3996e+01	6.9889e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-3.6183e+02	3.2903e+01	1.0906e+01
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	-3.4572e+02	-9.7245e+00	2.6747e+01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-2.7292e+02	-4.7099e+00	1.7910e+01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-2.7612e+02	-5.5467e+00	1.5765e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-3.5829e+02	1.4933e+01	2.4661e+01
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	-3.3428e+02	-3.0768e+01	7.2199e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	-2.6316e+02	-1.2508e+01	-4.4659e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-2.6693e+02	-9.9399e+00	8.9420e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-3.4692e+02	-1.7247e+01	1.7995e+01
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	-4.6427e+02	-3.8031e+01	-4.1235e+01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-3.6718e+02	-3.0094e+01	-2.5367e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	-3.5759e+02	-4.3271e+01	-1.2180e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	-4.4476e+02	-6.9158e+01	-2.6815e+01
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	-4.7059e+02	2.7736e+01	-3.7334e+01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-3.8779e+02	1.2057e+01	-2.5613e+01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-3.7879e+02	-1.4464e+01	-3.5249e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-4.5835e+02	-1.2366e+01	-4.6948e+01
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	-4.6216e+02	5.2756e+01	-1.1579e+01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-3.9673e+02	3.5224e+01	-1.1576e+01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-3.9235e+02	2.0603e+01	-3.0521e+01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-4.6654e+02	4.4303e+01	-3.0555e+01
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	-4.6089e+02	5.8130e+01	8.9057e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-3.9745e+02	3.7184e+01	9.0215e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-3.9719e+02	3.7316e+01	-1.0652e+01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-4.6066e+02	5.8316e+01	-1.0932e+01
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	-4.6751e+02	4.3750e+01	2.8375e+01

	1031	0.0000e+00	0.0000e+00	0.0000e+00	-3.9337e+02	2.0211e+01	2.8686e+01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-3.9722e+02	3.5058e+01	9.8045e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-4.6265e+02	5.2548e+01	9.6641e+00
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	-4.6012e+02	-1.3389e+01	4.4410e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-3.8062e+02	-1.5284e+01	3.3063e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-3.8906e+02	1.1783e+01	2.3668e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-4.7183e+02	2.7229e+01	3.5074e+01
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	-4.4735e+02	-7.0527e+01	2.3306e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-3.6030e+02	-4.4345e+01	8.5854e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-3.6928e+02	-3.0957e+01	2.2984e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-4.6630e+02	-3.9143e+01	3.8454e+01
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	-6.3600e+02	-7.8013e+01	-5.5345e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-4.8303e+02	-5.1891e+01	-4.6698e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	-4.7563e+02	-9.2849e+01	-3.0982e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-6.2761e+02	-1.0442e+02	-3.9228e+01
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	-5.5427e+02	4.5081e+01	-2.6515e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-5.0808e+02	4.2974e+01	-2.6819e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-5.0810e+02	-2.0971e+01	-6.2559e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-5.9876e+02	5.8253e+01	-3.8308e+01
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	-5.0541e+02	6.0777e+01	1.1951e+01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-4.9215e+02	6.2133e+01	-1.1754e+01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-4.9681e+02	3.9130e+01	-2.4310e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-5.4347e+02	6.7981e+01	-1.1773e+00
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	-5.0138e+02	6.2443e+01	3.5433e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-4.8665e+02	5.9180e+01	3.2560e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-4.8641e+02	5.9349e+01	-3.1210e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-5.0121e+02	6.2563e+01	-3.4417e+00
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	-5.4419e+02	6.7315e+01	5.2560e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-4.9773e+02	3.8575e+01	2.2137e+01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-4.9257e+02	6.1870e+01	9.4791e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-5.0581e+02	6.0354e+01	-1.5000e+01
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	-6.0008e+02	5.7150e+01	3.5454e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-5.0974e+02	-2.2160e+01	5.9863e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-5.0919e+02	4.2350e+01	2.4381e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-5.5523e+02	4.4250e+01	4.6719e+00
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	-6.2953e+02	-1.0626e+02	3.5154e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-4.7812e+02	-9.4328e+01	2.7149e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-4.8493e+02	-5.3125e+01	4.3803e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-6.3753e+02	-7.9637e+01	5.2123e+01
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	-6.8131e+02	2.1653e+02	3.0432e+02
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-8.2860e+02	-1.9023e+01	2.4275e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-5.1608e+02	-1.8950e+02	-1.0310e+02
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5117e+03	-1.4022e+02	1.7831e+02
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	-4.8292e+02	4.1889e+01	1.4150e+02
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-5.9017e+02	9.8115e+01	1.0761e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-7.2556e+02	1.7820e+01	3.7017e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-5.8842e+02	-3.8172e+01	1.6807e+02
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	-4.1085e+02	1.5537e+01	5.3258e+01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-4.9593e+02	6.6493e+01	5.5997e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-5.4648e+02	5.5536e+01	4.6134e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-4.4962e+02	2.4420e+01	9.4724e+01
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	-4.0144e+02	1.0039e+01	-2.3167e+01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-4.8617e+02	5.7123e+01	-2.3076e+01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-4.8618e+02	5.7274e+01	1.9743e+01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-4.0128e+02	1.1767e+01	1.9692e+01
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	-4.5006e+02	2.3457e+01	-9.8258e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-5.4692e+02	5.4838e+01	-4.9455e+01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-4.9640e+02	6.6056e+01	-8.0909e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-4.1101e+02	1.6691e+01	-5.6702e+01
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	-5.8908e+02	-3.9201e+01	-1.7174e+02
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-7.2639e+02	-1.7565e+01	-4.0353e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-5.9105e+02	9.7117e+01	-1.3708e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-4.8335e+02	4.2295e+01	-1.4500e+02

1591	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.5120e+03	-1.4466e+02	-1.8221e+02
	460	0.0000e+00	0.0000e+00	0.0000e+00	-5.1786e+02	-1.9140e+02	9.8915e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-8.2984e+02	-2.0190e+01	-2.6866e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-6.8191e+02	2.1606e+02	-3.0787e+02
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	1.0889e+03	6.3865e+01	5.8023e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	4.7269e+02	-5.7672e+02	7.8746e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	2.7883e+03	6.8707e+02	5.3594e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	1.1208e+02	5.9481e+02	-1.9351e+02
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	4.3486e+02	-1.9554e+02	1.5487e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	2.6703e+02	-8.5741e+01	2.2228e+02
	1011	0.0000e+00	0.0000e+00	0.0000e+00	2.5016e+02	8.6245e+01	3.1859e+02
	1005	0.0000e+00	0.0000e+00	0.0000e+00	8.3115e+02	-1.3922e+01	1.1178e+02
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.7224e+02	-1.1243e+02	1.6813e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	1.7424e+02	-5.5997e+01	8.4733e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	2.2283e+02	1.0144e+01	1.6201e+02
	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.4822e+02	-1.0189e+02	9.4092e+01
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.5505e+02	-1.0427e+02	-3.5660e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	1.6048e+02	-2.6918e+01	-3.5613e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	1.6054e+02	-2.6899e+01	3.5349e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.5508e+02	-1.0423e+02	3.5301e+01
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.4811e+02	-1.0200e+02	-9.4425e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	2.2258e+02	1.0039e+01	-1.6225e+02
	1008	0.0000e+00	0.0000e+00	0.0000e+00	1.7411e+02	-5.6065e+01	-8.4992e+01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.7219e+02	-1.1246e+02	-1.7162e+01
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	8.3101e+02	-1.4095e+01	-1.1204e+02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	2.4970e+02	8.6054e+01	-3.1877e+02
	1007	0.0000e+00	0.0000e+00	0.0000e+00	2.6672e+02	-8.5894e+01	-2.2250e+02
	1001	0.0000e+00	0.0000e+00	0.0000e+00	4.3474e+02	-1.9564e+02	-1.5778e+01
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	1.1180e+02	5.9472e+02	1.9350e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	2.7879e+03	6.8662e+02	-5.3594e+02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	4.7216e+02	-5.7697e+02	-7.8765e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	1.0888e+03	6.3680e+01	-5.8219e+01
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	2.3753e+02	1.6792e+02	-1.0337e+02
	1005	0.0000e+00	0.0000e+00	0.0000e+00	5.6258e+02	2.5318e+02	-1.2899e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	5.2347e+02	3.5454e+02	-5.3103e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	2.2965e+02	2.7437e+02	-2.7489e+01
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	3.1162e+02	-7.5638e+01	-5.2205e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.7578e+02	-8.5119e+01	-4.8951e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	4.6268e+02	-1.0338e+02	-9.1150e+01
	999	0.0000e+00	0.0000e+00	0.0000e+00	3.1158e+02	7.5256e+01	-1.3849e+02
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	2.7190e+02	-1.1485e+02	-2.0984e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.8265e+02	-1.1259e+02	2.6155e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.5976e+02	-1.1863e+02	2.5982e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	2.8123e+02	-6.4759e+01	-4.4665e+01
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	2.5970e+02	-1.1036e+02	1.9232e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.7390e+02	-1.1492e+02	1.9104e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.7392e+02	-1.1492e+02	-2.3249e+00
	997	0.0000e+00	0.0000e+00	0.0000e+00	2.5969e+02	-1.1034e+02	-2.3062e+00
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	2.8128e+02	-6.4798e+01	4.4321e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.5970e+02	-1.1868e+02	-2.8748e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.8261e+02	-1.1263e+02	-2.6531e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	2.7193e+02	-1.1486e+02	2.0616e+01
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	3.1167e+02	7.5228e+01	1.3824e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	4.6259e+02	-1.0347e+02	9.0883e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.7570e+02	-8.5214e+01	4.5421e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	3.1170e+02	-7.5658e+01	5.1890e+01
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	2.2975e+02	2.7441e+02	2.7345e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	5.2330e+02	3.5454e+02	5.2984e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	5.6249e+02	2.5307e+02	1.2880e+02
	994	0.0000e+00	0.0000e+00	0.0000e+00	2.3763e+02	1.6793e+02	1.0315e+02
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	7.8183e+01	1.0254e+02	-5.1754e+01
	999	0.0000e+00	0.0000e+00	0.0000e+00	2.2983e+02	1.3022e+02	-8.3222e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.8615e+02	2.1556e+02	-3.4730e+01



	399	0.0000e+00	0.0000e+00	0.0000e+00	6.4870e+01	1.3750e+02	-3.4673e+00
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	1.2572e+02	-1.5709e+00	-5.1309e+01
	998	0.0000e+00	0.0000e+00	0.0000e+00	2.4470e+02	-3.6169e+01	-8.0488e+01
	999	0.0000e+00	0.0000e+00	0.0000e+00	2.1205e+02	5.9376e+01	-9.7252e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	1.0531e+02	6.0785e+01	-6.8074e+01
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	1.4593e+02	-6.2559e+01	-2.2298e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	2.2481e+02	-9.3863e+01	-2.2259e+01
	998	0.0000e+00	0.0000e+00	0.0000e+00	2.3611e+02	-7.2498e+01	-5.8926e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	1.3483e+02	-2.3911e+01	-5.8963e+01
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	1.4614e+02	-6.7651e+01	1.7524e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	2.2163e+02	-1.0610e+02	1.7471e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	2.2161e+02	-1.0612e+02	-1.7824e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	1.4610e+02	-6.7651e+01	-1.7773e+01
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	1.3496e+02	-2.3880e+01	5.8748e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	2.3620e+02	-7.2481e+01	5.8609e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	2.2484e+02	-9.3881e+01	2.1915e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	1.4600e+02	-6.2533e+01	2.2053e+01
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	1.0549e+02	6.0869e+01	6.7937e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	2.1218e+02	5.9425e+01	9.7017e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	2.4480e+02	-3.6179e+01	8.0202e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	1.2588e+02	-1.5528e+00	5.1119e+01
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	6.4918e+01	1.3766e+02	3.5810e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	1.8631e+02	2.1569e+02	3.4605e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	2.2998e+02	1.3025e+02	8.3035e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	7.8296e+01	1.0267e+02	5.1658e+01
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	-5.2534e+01	5.6256e+01	-2.1311e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	6.1914e+01	7.5174e+01	-3.7913e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	4.0620e+01	1.1011e+02	-1.0368e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-5.7519e+01	6.8801e+01	6.5784e+00
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	3.5305e+01	1.3054e+01	-3.0232e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	8.7730e+01	-3.7749e+00	-5.3925e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	5.8871e+01	5.1630e+01	-5.5097e+01
	987	0.0000e+00	0.0000e+00	0.0000e+00	4.2803e+01	3.7604e+01	-3.1412e+01
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	3.1066e+01	-2.1930e+01	-1.3216e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	9.8661e+01	-5.3025e+01	-2.5526e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	8.5125e+01	-2.4475e+01	-4.9220e+01
	986	0.0000e+00	0.0000e+00	0.0000e+00	3.1688e+01	-4.3336e+00	-3.6906e+01
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	3.1282e+01	-2.7861e+01	1.5327e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	9.7735e+01	-6.1171e+01	1.5222e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	9.7708e+01	-6.1207e+01	-1.5399e+01
	985	0.0000e+00	0.0000e+00	0.0000e+00	3.1485e+01	-2.7882e+01	-1.5305e+01
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	3.0758e+01	-4.2452e+00	3.6965e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	8.5196e+01	-2.4388e+01	4.9075e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	9.8706e+01	-5.3015e+01	2.5348e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	3.0663e+01	-2.1875e+01	1.3236e+01
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	4.1225e+01	3.7799e+01	3.1570e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	5.8824e+01	5.1794e+01	5.5032e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	8.7823e+01	-3.7132e+00	5.3804e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	3.4125e+01	1.3196e+01	3.0320e+01
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	-5.5527e+01	6.9105e+01	-6.6839e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	4.0202e+01	1.1037e+02	1.0486e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	6.1899e+01	7.5315e+01	3.7891e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-5.0876e+01	5.6498e+01	2.1535e+01
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.4784e+02	2.6515e+01	-7.4891e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	-7.1222e+01	3.7644e+01	-1.3502e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-8.1259e+01	5.2825e+01	3.4834e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.4758e+02	2.8551e+01	9.2107e+00
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.3928e+02	1.3510e+01	-1.6736e+01
	986	0.0000e+00	0.0000e+00	0.0000e+00	-5.8081e+01	3.8784e+00	-2.7713e+01
	987	0.0000e+00	0.0000e+00	0.0000e+00	-7.2526e+01	3.0816e+01	-2.6699e+01
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.4236e+02	1.9008e+01	-1.5736e+01
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.3091e+02	-2.4226e+00	-7.5514e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	-5.0394e+01	-2.1881e+01	-1.5034e+01

	986	0.0000e+00	0.0000e+00	0.0000e+00	-5.9329e+01	-4.1060e+00	-2.9533e+01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.3340e+02	5.8256e+00	-2.2021e+01
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.2828e+02	-3.3349e+00	1.0575e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	-5.0509e+01	-2.4912e+01	1.0402e+01
	985	0.0000e+00	0.0000e+00	0.0000e+00	-5.0757e+01	-2.4968e+01	-1.0246e+01
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.2851e+02	-3.3714e+00	-1.0116e+01
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.3251e+02	5.9859e+00	2.2534e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	-5.8422e+01	-3.9827e+00	2.9722e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	-4.9923e+01	-2.1841e+01	1.5164e+01
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.3047e+02	-2.4409e+00	7.9895e+00
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.4082e+02	1.9333e+01	1.6465e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-7.1072e+01	3.1098e+01	2.7007e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	-5.6956e+01	4.0056e+00	2.7920e+01
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.3819e+02	1.3729e+01	1.7298e+01
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.4541e+02	2.9038e+01	-9.1710e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	-7.9278e+01	5.3236e+01	-4.0330e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	-6.9565e+01	3.7901e+01	1.3901e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.4611e+02	2.6889e+01	8.4783e+00
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.4404e+02	6.2464e+00	-7.0774e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.6939e+02	1.2348e+01	-5.0601e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.7189e+02	1.7139e+01	7.1108e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.3781e+02	-4.2937e+00	5.3612e+00
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.4739e+02	1.2476e+01	-1.5550e+01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.6704e+02	4.5821e+00	-1.5418e+01
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.7225e+02	1.3242e+01	-1.5190e+01
	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.4203e+02	-6.0530e+00	-1.5293e+01
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.4742e+02	1.6274e+01	-7.4826e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.6547e+02	-3.1371e+00	-8.0977e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.6972e+02	4.7993e+00	-1.9724e+01
	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.4455e+02	1.1902e+01	-1.9038e+01
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.4586e+02	1.6101e+01	8.9006e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.6621e+02	-2.9829e+00	8.6510e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.6644e+02	-3.0092e+00	-8.0184e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.4611e+02	1.6026e+01	-7.8793e+00
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.4355e+02	1.2156e+01	2.0138e+01
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.6882e+02	5.0380e+00	2.0427e+01
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.6503e+02	-3.0435e+00	8.6982e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.4693e+02	1.6385e+01	8.4247e+00
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.4026e+02	6.4220e+00	1.6734e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.7066e+02	1.3666e+01	1.6158e+01
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.6591e+02	4.7555e+00	1.6159e+01
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.4615e+02	1.2768e+01	1.6713e+01
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.3527e+02	-4.4920e+00	-6.3393e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.6961e+02	1.7759e+01	-7.3576e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.6759e+02	1.2747e+01	6.4519e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.4203e+02	6.6684e+00	8.9954e+00
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	-3.4657e+02	-1.7141e+01	-1.7980e+01
	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.6653e+02	-9.8477e+00	-8.9068e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.6277e+02	-1.2430e+01	4.1584e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	-3.3392e+02	-3.0698e+01	-7.0162e+00
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	-3.5796e+02	1.4887e+01	-2.4683e+01
	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.7573e+02	-5.4577e+00	-1.5776e+01
	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.7253e+02	-4.5406e+00	-1.7895e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-3.4537e+02	-9.5586e+00	-2.6750e+01
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.6149e+02	3.2901e+01	-1.0973e+01
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.8173e+02	1.3986e+01	-7.0429e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.8046e+02	1.0497e+01	-2.1018e+01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-3.5605e+02	2.2078e+01	-2.4897e+01
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	-3.6031e+02	3.5922e+01	1.0141e+01
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.8299e+02	1.6118e+01	9.8423e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.8325e+02	1.6006e+01	-8.6959e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.6057e+02	3.5805e+01	-8.5724e+00
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	-3.5499e+02	2.2454e+01	2.6566e+01

	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.7944e+02	1.0816e+01	2.2304e+01
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.8124e+02	1.4081e+01	8.2228e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-3.6096e+02	3.3056e+01	1.2439e+01
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.4346e+02	-9.0238e+00	2.8763e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.7073e+02	-4.4670e+00	1.9561e+01
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.7447e+02	5.6320e+00	1.7146e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-3.5662e+02	1.5261e+01	2.6409e+01
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	-3.3115e+02	-2.9814e+01	1.0694e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.6014e+02	-1.1814e+01	-6.1997e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.6447e+02	-9.3626e+00	1.0947e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.4438e+02	-1.6441e+01	2.0322e+01
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	-4.6607e+02	-3.9033e+01	-3.8469e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-3.6894e+02	-3.0878e+01	-2.2983e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	-3.5996e+02	-4.4283e+01	-8.3657e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	-4.4709e+02	-7.0438e+01	-2.3248e+01
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	-4.7160e+02	2.7207e+01	-3.5113e+01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-3.8874e+02	1.1711e+01	-2.3694e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-3.8029e+02	-1.5167e+01	-3.3072e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-4.5987e+02	-1.3149e+01	-4.4435e+01
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	-4.6242e+02	5.2552e+01	-9.8014e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.9691e+02	3.5057e+01	-9.8842e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	-3.9306e+02	2.0189e+01	-2.8715e+01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-4.6727e+02	4.3746e+01	-2.8422e+01
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	-4.6041e+02	5.8318e+01	1.1037e+01
	966	0.0000e+00	0.0000e+00	0.0000e+00	-3.9687e+02	3.7318e+01	1.0726e+01
	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.9714e+02	3.7185e+01	-9.1222e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-4.6065e+02	5.8134e+01	-9.0473e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	-4.6627e+02	4.4305e+01	3.0585e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-3.9201e+02	2.0607e+01	3.0550e+01
	966	0.0000e+00	0.0000e+00	0.0000e+00	-3.9641e+02	3.5225e+01	1.1657e+01
	960	0.0000e+00	0.0000e+00	0.0000e+00	-4.6191e+02	5.2758e+01	1.1668e+01
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	-4.5805e+02	-1.2316e+01	4.6977e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.7842e+02	-1.4454e+01	3.5293e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-3.8744e+02	1.2051e+01	2.5657e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	-4.7033e+02	2.7737e+01	3.7357e+01
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	-4.4445e+02	-6.9126e+01	2.6938e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-3.5717e+02	-4.3261e+01	1.2408e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.6678e+02	-3.0076e+01	2.5441e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-4.6397e+02	-3.7996e+01	4.1285e+01
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	-6.3745e+02	-7.9475e+01	-5.2165e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-4.8471e+02	-5.2997e+01	-4.3829e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-4.7790e+02	-9.4232e+01	-2.7077e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-6.2943e+02	-1.0609e+02	-3.5139e+01
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	-5.5513e+02	4.4234e+01	-5.1036e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-5.0900e+02	4.2335e+01	-2.4440e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-5.0955e+02	-2.1983e+01	-5.9894e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-5.9998e+02	5.7122e+01	-3.5518e+01
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	-5.0570e+02	6.0363e+01	1.5130e+01
	961	0.0000e+00	0.0000e+00	0.0000e+00	-4.9237e+02	6.1875e+01	-9.6229e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-4.9754e+02	3.8568e+01	-2.2215e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-5.4409e+02	6.7323e+01	-5.6645e+00
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	-5.0109e+02	6.2564e+01	3.8261e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	-4.8620e+02	5.9352e+01	3.4429e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-4.8645e+02	5.9185e+01	-3.7287e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-5.0126e+02	6.2444e+01	-4.0837e+00
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	-5.4335e+02	6.7982e+01	1.6406e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	-4.9659e+02	3.9132e+01	2.4336e+01
	960	0.0000e+00	0.0000e+00	0.0000e+00	-4.9194e+02	6.2135e+01	1.1873e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-5.0529e+02	6.0777e+01	-1.2077e+01
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	-5.9863e+02	5.8248e+01	3.8315e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-5.0787e+02	-2.0926e+01	6.2569e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	-5.0786e+02	4.2971e+01	2.6865e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-5.5415e+02	4.5075e+01	2.9427e+00

1654	234	0.0000e+00	0.0000e+00	0.0000e+00	-6.2749e+02	-1.0432e+02	3.9323e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-4.7535e+02	-9.2804e+01	3.1101e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-4.8276e+02	-5.1839e+01	4.6737e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	-6.3589e+02	-7.7945e+01	5.5363e+01
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	-6.8190e+02	2.1598e+02	3.0786e+02
	956	0.0000e+00	0.0000e+00	0.0000e+00	-8.2982e+02	-1.9498e+01	2.6797e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-5.1770e+02	-1.9125e+02	-9.8939e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5120e+03	-1.4356e+02	1.8219e+02
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	-4.8334e+02	4.1966e+01	1.4501e+02
	954	0.0000e+00	0.0000e+00	0.0000e+00	-5.9100e+02	9.7120e+01	1.3798e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-7.2635e+02	-1.7290e+01	4.0363e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	-5.8907e+02	-3.7857e+01	1.7174e+02
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	-4.1100e+02	1.6207e+01	5.6746e+01
	952	0.0000e+00	0.0000e+00	0.0000e+00	-4.9633e+02	6.6065e+01	8.2810e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-5.4685e+02	5.4846e+01	4.9488e+01
	955	0.0000e+00	0.0000e+00	0.0000e+00	-4.5005e+02	2.3099e+01	9.8283e+01
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-4.0128e+02	1.1742e+01	-1.9787e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-4.8610e+02	5.7276e+01	-1.9829e+01
	952	0.0000e+00	0.0000e+00	0.0000e+00	-4.8609e+02	5.7130e+01	2.3170e+01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-4.0143e+02	1.0064e+01	2.3269e+01
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-4.4962e+02	2.4335e+01	-9.4739e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-5.4641e+02	5.5538e+01	-4.6182e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-4.9586e+02	6.6495e+01	-6.0065e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	-4.1085e+02	1.5176e+01	-5.3290e+01
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-5.8843e+02	-3.7320e+01	-1.6809e+02
	946	0.0000e+00	0.0000e+00	0.0000e+00	-7.2550e+02	1.7729e+01	-3.7115e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-5.9012e+02	9.8108e+01	-1.1012e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-4.8292e+02	4.1580e+01	-1.4151e+02
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.5117e+03	-1.3947e+02	-1.7835e+02
	234	0.0000e+00	0.0000e+00	0.0000e+00	-5.1586e+02	-1.8940e+02	1.0312e+02
	946	0.0000e+00	0.0000e+00	0.0000e+00	-8.2856e+02	-1.8635e+01	-2.4473e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-6.8132e+02	2.1645e+02	-3.0434e+02
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	1.0028e+03	-5.7269e+00	6.3573e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	4.2493e+02	-5.0482e+02	7.8233e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	2.6985e+03	6.1614e+02	5.2091e+02
	538	0.0000e+00	0.0000e+00	0.0000e+00	1.7184e+02	6.3788e+02	-1.9785e+02
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	3.5323e+02	-1.6250e+02	3.9290e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	2.1695e+02	-7.7650e+01	2.2855e+02
	945	0.0000e+00	0.0000e+00	0.0000e+00	2.2817e+02	7.2773e+01	3.2948e+02
	938	0.0000e+00	0.0000e+00	0.0000e+00	7.2175e+02	-4.3560e+01	1.4022e+02
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	1.9767e+02	-9.3885e+01	4.1319e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	1.3347e+02	-5.2431e+01	1.0107e+02
	944	0.0000e+00	0.0000e+00	0.0000e+00	1.7052e+02	1.0972e+00	1.6786e+02
	937	0.0000e+00	0.0000e+00	0.0000e+00	2.8042e+02	-9.0654e+01	1.0811e+02
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	1.5623e+02	-8.5768e+01	-2.2307e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	1.1351e+02	-3.9448e+01	1.1558e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	1.1764e+02	-2.7103e+01	6.4456e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	1.7972e+02	-8.6191e+01	5.0669e+01
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	1.8069e+02	-8.8084e+01	-5.3507e+01
	941	0.0000e+00	0.0000e+00	0.0000e+00	1.1840e+02	-2.8829e+01	-6.8063e+01
	942	0.0000e+00	0.0000e+00	0.0000e+00	1.1361e+02	-3.9855e+01	-1.5097e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	1.5631e+02	-8.6140e+01	-5.4953e-01
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	2.8252e+02	-9.4734e+01	-1.1117e+02
	940	0.0000e+00	0.0000e+00	0.0000e+00	1.7227e+02	-2.8067e+00	-1.7178e+02
	941	0.0000e+00	0.0000e+00	0.0000e+00	1.3445e+02	-5.4966e+01	-1.0476e+02
	934	0.0000e+00	0.0000e+00	0.0000e+00	1.9881e+02	-9.6510e+01	-4.4153e+01
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	7.2550e+02	-4.9588e+01	-1.4383e+02
	939	0.0000e+00	0.0000e+00	0.0000e+00	2.3073e+02	6.7451e+01	-3.3406e+02
	940	0.0000e+00	0.0000e+00	0.0000e+00	2.1900e+02	-8.2084e+01	-2.3258e+02
	933	0.0000e+00	0.0000e+00	0.0000e+00	3.5555e+02	-1.6731e+02	-4.2355e+01
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	1.7343e+02	6.2949e+02	1.9249e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	2.7063e+03	6.1123e+02	-5.2742e+02
	939	0.0000e+00	0.0000e+00	0.0000e+00	4.2820e+02	-5.1150e+02	-7.8767e+02

	932	0.0000e+00	0.0000e+00	0.0000e+00	1.0065e+03	-1.1115e+01	-6.7761e+01
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	2.2733e+02	1.7394e+02	-9.0093e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	5.4509e+02	1.8924e+02	-1.2187e+02
	538	0.0000e+00	0.0000e+00	0.0000e+00	4.9811e+02	3.9424e+02	-5.6623e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	2.1057e+02	2.7948e+02	-2.4846e+01
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	2.7249e+02	-8.4568e+01	-4.2478e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	3.1681e+02	-8.7876e+01	2.9075e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	4.3883e+02	-1.0060e+02	-6.0341e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	2.9397e+02	7.4301e+01	-1.3188e+02
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	2.0185e+02	-1.0694e+02	-1.4566e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	2.0815e+02	-1.0157e+02	4.3350e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	2.9801e+02	-9.8790e+01	2.6982e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	2.2806e+02	-6.0776e+01	-3.0950e+01
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	1.6751e+02	-1.0793e+02	-7.0402e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	1.7265e+02	-9.6915e+01	1.0743e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	1.9468e+02	-9.5182e+01	1.7276e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	1.8105e+02	-9.7175e+01	7.1308e-01
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	1.8196e+02	-9.9063e+01	-1.2706e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	1.9565e+02	-9.7081e+01	-1.9866e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	1.7275e+02	-9.7305e+01	-1.3335e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	1.6760e+02	-1.0833e+02	5.2811e+00
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	2.3013e+02	-6.4969e+01	2.9182e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	3.0018e+02	-1.0291e+02	-2.9691e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	2.0936e+02	-1.0426e+02	-4.6017e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	2.0295e+02	-1.0964e+02	1.2850e+01
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	2.9782e+02	6.7719e+01	1.2997e+02
	932	0.0000e+00	0.0000e+00	0.0000e+00	4.4225e+02	-1.0677e+02	5.7216e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	3.1933e+02	-9.2790e+01	-3.1928e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	2.7480e+02	-8.9611e+01	4.0828e+01
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	2.1701e+02	2.7046e+02	2.2432e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	5.0466e+02	3.8599e+02	5.1954e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	5.4928e+02	1.8248e+02	1.1795e+02
	925	0.0000e+00	0.0000e+00	0.0000e+00	2.3157e+02	1.6647e+02	8.8431e+01
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	6.3789e+01	1.1125e+02	-5.9771e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	2.1342e+02	1.3742e+02	-8.5123e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	1.7372e+02	2.2364e+02	-3.4932e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	5.3592e+01	1.4976e+02	-9.6287e+00
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	1.0517e+02	-6.1012e+00	-5.8603e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	2.0865e+02	-4.1884e+01	-7.6277e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	1.8657e+02	5.7145e+01	-9.7192e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	9.2260e+01	6.3007e+01	-7.9518e+01
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	1.0957e+02	-6.9925e+01	-3.3892e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	1.6827e+02	-9.0462e+01	-2.0877e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	1.9705e+02	-6.8879e+01	-5.3120e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	1.0685e+02	-2.5165e+01	-6.6134e+01
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	1.0210e+02	-8.5929e+01	-4.8555e+00
	928	0.0000e+00	0.0000e+00	0.0000e+00	1.5001e+02	-1.0457e+02	1.9386e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	1.6189e+02	-1.0017e+02	-2.1400e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	1.0371e+02	-7.2305e+01	-2.8191e+01
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	1.0428e+02	-7.4037e+01	2.7239e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	1.6274e+02	-1.0211e+02	1.9840e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	1.5006e+02	-1.0491e+02	-3.5915e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	1.0217e+02	-8.6321e+01	3.8735e+00
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	1.0826e+02	-2.9059e+01	6.5527e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	1.9900e+02	-7.3123e+01	5.1734e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	1.6926e+02	-9.3102e+01	1.9272e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	1.1031e+02	-7.2461e+01	3.3069e+01
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	9.5068e+01	5.6825e+01	7.9521e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	1.9014e+02	5.0508e+01	9.6015e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	2.1087e+02	-4.6911e+01	7.4751e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	1.0687e+02	-1.0848e+01	5.8259e+01
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	5.8618e+01	1.4111e+02	1.0451e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	1.8004e+02	2.1439e+02	3.3867e+01

	925	0.0000e+00	0.0000e+00	0.0000e+00	2.1751e+02	1.2992e+02	8.3612e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	6.7130e+01	1.0405e+02	6.0197e+01
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	-5.8835e+01	6.2272e+01	-3.5884e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	5.3038e+01	8.4173e+01	-4.9666e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	3.5302e+01	1.2004e+02	-1.7427e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	-6.3308e+01	7.7614e+01	-3.9487e+00
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	4.1076e+01	9.1549e+00	-4.7716e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	7.1989e+01	-4.7560e+00	-6.7057e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	4.6145e+01	5.2171e+01	-6.7963e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-4.7466e+01	4.0138e+01	-4.8624e+01
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	3.4240e+01	-3.3821e+01	-3.1680e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	7.4099e+01	-5.9194e+01	-3.9011e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	6.6585e+01	-2.8723e+01	-6.1791e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	3.6415e+01	-8.7319e+00	-5.4461e+01
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	3.3651e+01	-5.0600e+01	-2.2317e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	7.1342e+01	-7.9075e+01	-3.1392e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	7.1344e+01	-7.0385e+01	-3.2027e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	3.3824e+01	-4.1277e+01	-3.1109e+01
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	3.4331e+01	-4.2687e+01	3.0385e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	7.1850e+01	-7.2216e+01	3.1161e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	7.1320e+01	-7.9310e+01	2.2059e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	3.3751e+01	-5.0923e+01	1.6264e+00
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	3.7500e+01	-1.1855e+01	5.4410e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	6.7787e+01	-3.2671e+01	6.1447e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	7.4582e+01	-6.1511e+01	3.8161e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	3.4948e+01	-3.5900e+01	3.1134e+01
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	4.8596e+01	3.5193e+01	4.9824e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	4.8553e+01	4.5986e+01	6.8532e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	7.3249e+01	-9.2294e+00	6.6718e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	4.2197e+01	5.2229e+00	4.8017e+01
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	-6.3700e+01	7.0884e+01	6.8119e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	3.9533e+01	1.1144e+02	1.9346e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	5.5696e+01	7.7340e+01	5.0184e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	-5.9584e+01	5.6451e+01	3.7654e+01
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.4413e+02	2.7942e+01	-2.3242e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-7.3503e+01	4.3135e+01	-2.9045e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	-8.3024e+01	5.9081e+01	-8.1549e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.4478e+02	3.2351e+01	3.1062e+00
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.3424e+02	8.9619e+00	-3.6250e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-6.0722e+01	1.9475e+00	-4.7119e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-7.6747e+01	3.1258e+01	-4.4418e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.3699e+02	1.8960e+01	-3.3551e+01
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.2448e+02	-9.9113e+00	-2.5970e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-5.3933e+01	-3.1576e+01	-3.3437e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-6.3593e+01	-1.0156e+01	-4.9111e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.2709e+02	-1.1363e+00	-4.1643e+01
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.2017e+02	-1.9025e+01	-1.5645e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	-5.2841e+01	-4.5865e+01	-3.6797e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	-5.5424e+01	-3.8278e+01	-2.8757e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.2090e+02	-1.5100e+01	-2.6584e+01
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.2207e+02	-1.6079e+01	2.5205e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	-5.6013e+01	-3.9813e+01	2.7886e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	-5.3041e+01	-4.5965e+01	2.7328e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.2034e+02	-1.9230e+01	1.3715e+00
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.2957e+02	-2.7008e+00	4.1138e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	-6.4833e+01	-1.3339e+01	4.9033e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	-5.4923e+01	-3.3307e+01	3.2666e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.2598e+02	-1.1307e+01	2.4800e+01
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.4064e+02	1.5811e+01	3.4665e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	-7.8300e+01	2.6367e+01	4.5799e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	-6.2358e+01	-1.5174e+00	4.7221e+01
	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.3696e+02	6.3567e+00	3.6106e+01
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.4946e+02	2.8454e+01	5.8448e+00

	837	0.0000e+00	0.0000e+00	0.0000e+00	-8.4309e+01	5.2502e+01	1.1644e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	-7.5391e+01	3.8072e+01	3.0700e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.4790e+02	2.4298e+01	2.4915e+01
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	-2.2991e+02	-4.2766e+00	-2.0455e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.6129e+02	1.3096e+01	-2.0364e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.6490e+02	1.8567e+01	-5.1589e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	-2.2598e+02	-5.1761e+00	-5.3207e+00
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	-2.2968e+02	6.5065e+00	-3.2550e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.5651e+02	-1.2285e+00	-3.4802e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.6497e+02	1.1321e+01	-3.2759e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-2.2570e+02	-3.8016e+00	-3.0492e+01
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	-2.2619e+02	7.5249e+00	-2.3491e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.5301e+02	-1.0936e+01	-2.6251e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.6004e+02	-2.1639e+00	-3.9250e+01
	902	0.0000e+00	0.0000e+00	0.0000e+00	-2.2464e+02	5.4609e+00	-3.6485e+01
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	-2.2388e+02	6.9683e+00	-2.3028e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.5268e+02	-1.6559e+01	-3.1247e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.5494e+02	-1.2961e+01	-2.4496e+01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-2.2326e+02	6.6570e+00	-2.3639e+01
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	-2.2526e+02	6.2157e+00	2.0629e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.5627e+02	-1.4083e+01	2.2690e+01
	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.5302e+02	-1.6513e+01	1.6142e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	-2.2418e+02	6.9204e+00	2.1796e+00
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	-2.2904e+02	4.4092e+00	3.4352e+01
	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.6303e+02	-4.2332e+00	3.8338e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.5504e+02	-1.1933e+01	2.4625e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	-2.2878e+02	6.9503e+00	2.0703e+01
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	-2.3268e+02	-2.6143e+00	2.9958e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.6960e+02	8.2381e+00	3.3510e+01
	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.6023e+02	-1.3830e+00	3.4224e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-2.3466e+02	5.3400e+00	3.0710e+01
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.3587e+02	-4.7543e+00	6.5013e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.7105e+02	1.4860e+01	7.8560e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.6668e+02	1.0356e+01	2.1645e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	-2.3745e+02	-3.2124e+00	2.0328e+01
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	-3.2331e+02	-2.3734e+01	-2.5834e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-2.4825e+02	-1.3155e+01	-2.0782e+01
	483	0.0000e+00	0.0000e+00	0.0000e+00	-2.4720e+02	-1.5879e+01	-6.4427e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	-3.1447e+02	-3.6152e+01	-1.0992e+01
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	-3.2744e+02	7.1015e+00	-3.5207e+01
	902	0.0000e+00	0.0000e+00	0.0000e+00	-2.5288e+02	-1.9587e+00	-3.1315e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-2.5423e+02	-7.0160e+00	-3.2015e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-3.1889e+02	-1.3408e+01	-3.5869e+01
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	-3.2357e+02	2.3274e+01	-2.2359e+01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-2.5453e+02	6.8328e+00	-2.2977e+01
	902	0.0000e+00	0.0000e+00	0.0000e+00	-2.5684e+02	3.1699e+00	-3.6685e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-3.2283e+02	1.4011e+01	-3.6064e+01
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	-3.2054e+02	2.8338e+01	-3.0910e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	-2.5516e+02	8.8807e+00	-3.6305e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	-2.5584e+02	7.8472e+00	-2.2506e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-3.2096e+02	2.6236e+01	-2.1976e+01
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	-3.2360e+02	2.6107e+01	1.6549e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	-2.5798e+02	7.3535e+00	1.8824e+01
	900	0.0000e+00	0.0000e+00	0.0000e+00	-2.5562e+02	9.0451e+00	1.7656e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	-3.2095e+02	2.8441e+01	-3.8153e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	-3.2874e+02	1.3952e+01	3.1273e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-2.6171e+02	2.1749e+00	3.3766e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	-2.5761e+02	6.6788e+00	1.9518e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-3.2705e+02	2.3376e+01	1.7167e+01
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	-3.2857e+02	-1.2399e+01	3.2230e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	-2.6210e+02	-7.4889e+00	3.0559e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-2.5879e+02	-1.5629e+00	2.8822e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-3.3424e+02	7.1837e+00	3.0553e+01

1717	813	0.0000e+00	0.0000e+00	0.0000e+00	-3.2869e+02	-3.4036e+01	8.6772e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.5846e+02	-1.6091e+01	6.3941e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	-2.5730e+02	-1.3044e+01	1.9993e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	-3.3398e+02	-2.2337e+01	2.2331e+01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	-4.3640e+02	-4.7205e+01	-3.6729e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-3.4203e+02	-3.7880e+01	-2.7673e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	-3.3767e+02	-5.1767e+01	-1.1233e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-4.2311e+02	-7.7563e+01	-1.9774e+01
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	-4.2728e+02	1.8742e+01	-3.3107e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-3.5398e+02	5.1529e+00	-3.0819e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-3.5241e+02	-2.1299e+01	-4.0211e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-4.2521e+02	-1.7847e+01	-4.2431e+01
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	-4.0384e+02	3.7058e+01	-1.1405e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-3.5165e+02	2.6208e+01	-2.0511e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-3.5419e+02	1.0136e+01	-3.6096e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-4.1997e+02	3.0396e+01	-2.6983e+01
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	-3.9329e+02	4.1349e+01	2.1355e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	-3.4745e+02	3.0397e+01	-5.7812e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	-3.4894e+02	2.5824e+01	-1.8444e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-3.9978e+02	4.0923e+01	-1.4475e+01
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	-4.0259e+02	4.0942e+01	7.2338e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	-3.5163e+02	2.5675e+01	1.2374e+01
	893	0.0000e+00	0.0000e+00	0.0000e+00	-3.4796e+02	3.0620e+01	2.3393e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	-3.9376e+02	4.1575e+01	-7.9325e+00
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	-4.2636e+02	3.0811e+01	1.9418e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-3.6033e+02	1.0134e+01	3.0269e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-3.5541e+02	2.6551e+01	1.4546e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-4.0761e+02	3.7582e+01	6.1572e+00
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	-4.3591e+02	-1.5810e+01	3.4775e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	-3.6258e+02	-2.0292e+01	3.5191e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-3.6134e+02	5.4465e+00	2.5419e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-4.3473e+02	1.9767e+01	2.5234e+01
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	-4.3924e+02	-7.3792e+01	1.2294e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-3.5273e+02	-4.9462e+01	6.8913e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	-3.5366e+02	-3.5856e+01	2.3319e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-4.4836e+02	-4.4434e+01	2.8784e+01
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	-6.0526e+02	-6.2439e+01	-3.8584e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-4.5659e+02	-6.0791e+01	-3.3684e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-4.5135e+02	-1.0135e+02	-2.1448e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-6.0147e+02	-1.2694e+02	-2.5833e+01
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	-4.9663e+02	3.5894e+01	2.2984e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-4.6199e+02	3.4946e+01	-1.7849e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-4.7498e+02	-2.9064e+01	-5.3205e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-5.6386e+02	4.2611e+01	-1.4332e+01
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	-4.3044e+02	3.8474e+01	2.5922e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-4.2543e+02	4.4450e+01	-8.5115e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	-4.4157e+02	2.3316e+01	-1.5029e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-4.8282e+02	4.1788e+01	2.0368e+01
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	-4.0745e+02	3.3220e+01	3.2800e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	-4.0667e+02	4.1955e+01	-8.7169e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	-4.1371e+02	3.7333e+01	-2.1461e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	-4.2252e+02	3.4151e+01	9.7223e+00
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	-4.2482e+02	3.4155e+01	-2.2463e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-4.1645e+02	3.7437e+01	-1.0215e+01
	886	0.0000e+00	0.0000e+00	0.0000e+00	-4.0713e+02	4.2145e+01	2.5886e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	-4.0788e+02	3.3519e+01	-1.4837e+01
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	-4.8807e+02	4.2072e+01	-3.3449e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-4.4780e+02	2.3850e+01	9.4986e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	-4.2913e+02	4.4962e+01	5.6647e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	-4.3362e+02	3.9074e+01	-3.8534e+01
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	-5.7268e+02	4.3456e+01	1.0779e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-4.8546e+02	-2.7012e+01	4.3887e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-4.6932e+02	3.6038e+01	1.0929e+01



	871	0.0000e+00	0.0000e+00	0.0000e+00	-5.0289e+02	3.6929e+01	-3.6278e+01
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	-6.1553e+02	-1.2332e+02	1.2549e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-4.6744e+02	-9.7445e+01	1.1438e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-4.6860e+02	-5.7688e+01	2.5093e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	-6.1529e+02	-5.9243e+01	2.6501e+01
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	-6.3312e+02	1.7741e+02	3.3097e+02
	881	0.0000e+00	0.0000e+00	0.0000e+00	-7.7785e+02	2.7484e+01	4.1181e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-5.2193e+02	-2.1393e+02	-9.0064e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.4735e+03	-1.2830e+02	1.9985e+02
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	-4.2949e+02	3.0437e+01	1.6282e+02
	879	0.0000e+00	0.0000e+00	0.0000e+00	-5.1844e+02	7.3654e+01	3.2684e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-6.6390e+02	1.4160e+01	6.3349e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	-5.4522e+02	-4.3996e+01	1.9348e+02
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	-3.4627e+02	3.2591e+01	7.6438e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	-4.1697e+02	3.8752e+01	2.3022e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-4.7821e+02	3.2372e+01	6.4105e+01
	880	0.0000e+00	0.0000e+00	0.0000e+00	-3.9237e+02	-1.6524e+01	1.1754e+02
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	-3.1935e+02	-2.8794e+01	6.2465e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	-3.8782e+02	2.7567e+01	-9.2371e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	-4.0538e+02	2.6990e+01	3.2213e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	-3.3151e+02	-1.0936e+01	4.6995e+01
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	-3.3254e+02	-1.2541e+01	-6.1340e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-4.0732e+02	2.7240e+01	-4.5384e+01
	875	0.0000e+00	0.0000e+00	0.0000e+00	-3.8819e+02	2.7660e+01	-4.4819e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	-3.1955e+02	-2.7564e+01	-2.0088e+01
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	-3.9468e+02	-1.4261e+01	-1.3234e+02
	871	0.0000e+00	0.0000e+00	0.0000e+00	-4.8271e+02	3.2911e+01	-7.7584e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-4.1961e+02	3.9079e+01	-3.6126e+01
	874	0.0000e+00	0.0000e+00	0.0000e+00	-3.4776e+02	3.2346e+01	-9.0829e+01
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	-5.4898e+02	-4.2005e+01	-2.0923e+02
	869	0.0000e+00	0.0000e+00	0.0000e+00	-6.7141e+02	1.4298e+01	-7.7496e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	-5.2349e+02	7.4303e+01	-4.6166e+01
	872	0.0000e+00	0.0000e+00	0.0000e+00	-4.3240e+02	3.1082e+01	-1.7778e+02
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.4782e+03	-1.2449e+02	-2.1745e+02
	797	0.0000e+00	0.0000e+00	0.0000e+00	-5.3353e+02	-2.0960e+02	7.4510e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	-7.8564e+02	2.7710e+01	-5.4956e+01
	870	0.0000e+00	0.0000e+00	0.0000e+00	-6.3768e+02	1.7701e+02	-3.4678e+02
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	1.0065e+03	-1.0968e+01	6.7774e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	4.2829e+02	-5.1149e+02	7.8764e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	2.7064e+03	6.1163e+02	5.2750e+02
	861	0.0000e+00	0.0000e+00	0.0000e+00	1.7335e+02	6.2954e+02	-1.9237e+02
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	3.5557e+02	-1.6727e+02	4.2342e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	2.1904e+02	-8.2052e+01	2.3258e+02
	868	0.0000e+00	0.0000e+00	0.0000e+00	2.3078e+02	6.7523e+01	3.3405e+02
	860	0.0000e+00	0.0000e+00	0.0000e+00	7.2553e+02	-4.9510e+01	1.4382e+02
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	1.9882e+02	-9.6497e+01	4.4142e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	1.3447e+02	-5.4954e+01	1.0476e+02
	867	0.0000e+00	0.0000e+00	0.0000e+00	1.7230e+02	-2.7805e+00	1.7177e+02
	859	0.0000e+00	0.0000e+00	0.0000e+00	2.8254e+02	-9.4701e+01	1.1116e+02
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	1.5631e+02	-8.6141e+01	5.3722e-01
	865	0.0000e+00	0.0000e+00	0.0000e+00	1.1361e+02	-3.9856e+01	1.5095e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	1.1841e+02	-2.8819e+01	6.8060e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.8069e+02	-8.8072e+01	5.3497e+01
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	1.7971e+02	-8.6205e+01	-5.0678e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	1.1763e+02	-2.7115e+01	-6.4458e+01
	865	0.0000e+00	0.0000e+00	0.0000e+00	1.1351e+02	-3.9451e+01	-1.1560e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	1.5623e+02	-8.5770e+01	2.2222e+00
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	2.8040e+02	-9.0688e+01	-1.0812e+02
	863	0.0000e+00	0.0000e+00	0.0000e+00	1.7050e+02	1.0721e+00	-1.6786e+02
	864	0.0000e+00	0.0000e+00	0.0000e+00	1.3345e+02	-5.2446e+01	-1.0107e+02
	856	0.0000e+00	0.0000e+00	0.0000e+00	1.9766e+02	-9.3900e+01	-4.1329e+01
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	7.2172e+02	-4.3635e+01	-1.4024e+02
	862	0.0000e+00	0.0000e+00	0.0000e+00	2.2812e+02	7.2703e+01	-3.2948e+02

	863	0.0000e+00	0.0000e+00	0.0000e+00	2.1691e+02	-7.7684e+01	-2.2855e+02
	855	0.0000e+00	0.0000e+00	0.0000e+00	3.5321e+02	-1.6254e+02	-3.9302e+01
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	1.7191e+02	6.3784e+02	1.9797e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	2.6984e+03	6.1575e+02	-5.2083e+02
	862	0.0000e+00	0.0000e+00	0.0000e+00	4.2485e+02	-5.0483e+02	-7.8236e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	1.0028e+03	-5.8611e+00	-6.3560e+01
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	2.3155e+02	1.6651e+02	-8.8422e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	5.4927e+02	1.8258e+02	-1.1793e+02
	861	0.0000e+00	0.0000e+00	0.0000e+00	5.0467e+02	3.8601e+02	-5.1900e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	2.1700e+02	2.7048e+02	-2.2394e+01
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	2.7479e+02	-8.9574e+01	-4.0834e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	3.1934e+02	-9.2747e+01	3.1909e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	4.4224e+02	-1.0671e+02	-5.7222e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	2.9781e+02	6.7759e+01	-1.2996e+02
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	2.0295e+02	-1.0962e+02	-1.2861e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	2.0937e+02	-1.0424e+02	4.6003e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	3.0019e+02	-1.0288e+02	2.9677e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	2.3012e+02	-6.4940e+01	-2.9194e+01
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	1.6759e+02	-1.0833e+02	-5.2939e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	1.7275e+02	-9.7304e+01	1.3323e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.9565e+02	-9.7072e+01	1.9854e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.8195e+02	-9.9051e+01	1.2575e+00
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	1.8105e+02	-9.7189e+01	6.9779e-01
	856	0.0000e+00	0.0000e+00	0.0000e+00	1.9467e+02	-9.5194e+01	-1.7288e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	1.7264e+02	-9.6919e+01	-1.0755e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	1.6750e+02	-1.0793e+02	7.0270e+00
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	2.2806e+02	-6.0806e+01	3.0938e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	2.9800e+02	-9.8819e+01	-2.6995e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	2.0814e+02	-1.0159e+02	-4.3363e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	2.0184e+02	-1.0696e+02	1.4555e+01
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	2.9398e+02	7.4262e+01	1.3189e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	4.3884e+02	-1.0065e+02	6.0335e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	3.1680e+02	-8.7919e+01	-2.9093e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	2.7249e+02	-8.4605e+01	4.2473e+01
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	2.1057e+02	2.7946e+02	2.4884e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	4.9810e+02	3.9422e+02	5.6676e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	5.4510e+02	1.8914e+02	1.2190e+02
	846	0.0000e+00	0.0000e+00	0.0000e+00	2.2735e+02	1.7390e+02	9.0102e+01
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	6.7112e+01	1.0407e+02	-6.0187e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	2.1750e+02	1.2996e+02	-8.3592e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	1.8005e+02	2.1440e+02	-3.3837e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	5.8611e+01	1.4112e+02	-1.0431e+01
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	1.0685e+02	-1.0825e+01	-5.8261e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	2.1086e+02	-4.6881e+01	-7.4756e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	1.9013e+02	5.0545e+01	-9.6008e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	9.5049e+01	5.6846e+01	-7.9511e+01
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	1.1028e+02	-7.2447e+01	-3.3078e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.6925e+02	-9.3087e+01	-1.9285e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	1.9899e+02	-7.3097e+01	-5.1742e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	1.0824e+02	-2.9040e+01	-6.5531e+01
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	1.0214e+02	-8.6320e+01	-3.8872e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	1.5005e+02	-1.0491e+02	3.5775e+00
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.6273e+02	-1.0210e+02	-1.9854e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	1.0425e+02	-7.4027e+01	-2.7249e+01
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	1.0368e+02	-7.2315e+01	2.8182e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	1.6188e+02	-1.0018e+02	2.1387e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	1.5000e+02	-1.0458e+02	-1.9525e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	1.0207e+02	-8.5932e+01	4.8447e+00
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	1.0682e+02	-2.5185e+01	6.6130e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	1.9704e+02	-6.8907e+01	5.3112e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	1.6825e+02	-9.0479e+01	2.0865e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.0954e+02	-6.9940e+01	3.3884e+01
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	9.2216e+01	6.2986e+01	7.9529e+01

	846	0.0000e+00	0.0000e+00	0.0000e+00	1.8657e+02	5.7109e+01	9.7200e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	2.0865e+02	-4.1914e+01	7.6274e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	1.0514e+02	-6.1223e+00	5.8601e+01
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	5.3493e+01	1.4976e+02	9.6507e+00
	420	0.0000e+00	0.0000e+00	0.0000e+00	1.7370e+02	2.2363e+02	3.4962e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	2.1342e+02	1.3739e+02	8.5143e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	6.3718e+01	1.1123e+02	5.9783e+01
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	-5.9568e+01	5.6460e+01	-3.7649e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	5.5675e+01	7.7355e+01	-5.0173e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	3.9531e+01	1.1144e+02	-1.9330e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-6.3698e+01	7.0887e+01	-6.8019e+00
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	4.2141e+01	5.2358e+00	-4.8019e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	7.3220e+01	-9.2107e+00	-6.6718e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	4.8526e+01	4.6004e+01	-6.8526e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	4.8568e+01	3.5205e+01	-4.9819e+01
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	3.4837e+01	-3.5891e+01	-3.1142e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	7.4545e+01	-6.1499e+01	-3.8169e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	6.7752e+01	-3.2654e+01	-6.1452e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	3.7423e+01	-1.1843e+01	-5.4413e+01
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	3.3592e+01	-5.0922e+01	-1.6637e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	7.1273e+01	-7.9309e+01	-2.2241e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	7.1808e+01	-7.2208e+01	-3.1171e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	3.4205e+01	-4.2681e+01	-3.0392e+01
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	3.3621e+01	-4.1284e+01	3.1105e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	7.1289e+01	-7.0394e+01	3.2019e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	7.1292e+01	-7.9077e+01	3.1305e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	3.3479e+01	-5.0602e+01	2.2322e+00
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	3.6182e+01	-8.7425e+00	5.4461e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	6.6515e+01	-2.8741e+01	6.1788e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	7.4042e+01	-5.9207e+01	3.9004e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	3.4027e+01	-3.3830e+01	3.1675e+01
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	-4.7255e+01	4.0127e+01	4.8632e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	4.6020e+01	5.2154e+01	6.7971e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	7.1920e+01	-4.7739e+00	6.7058e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	4.0859e+01	9.1405e+00	4.7716e+01
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	-6.3133e+01	7.7613e+01	3.9786e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	3.5108e+01	1.2004e+02	1.7445e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	5.2926e+01	8.4159e+01	4.9679e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	-5.8658e+01	6.2264e+01	3.5892e+01
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.4789e+02	2.4304e+01	-2.4918e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	-7.5377e+01	3.8080e+01	-3.0696e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-8.4306e+01	5.2503e+01	-1.1636e+01
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.4946e+02	2.8455e+01	-5.8417e+00
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.3694e+02	6.3651e+00	-3.6112e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-6.2315e+01	-1.5068e+00	-4.7223e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	-7.8280e+01	2.6377e+01	-4.5797e+01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.4063e+02	1.5818e+01	-3.4666e+01
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.2593e+02	-1.1301e+01	-2.4811e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	-5.4842e+01	-3.3299e+01	-3.2673e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-6.4784e+01	-1.3329e+01	-4.9037e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.2954e+02	-2.6935e+00	-4.1142e+01
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.2027e+02	-1.9229e+01	-1.4755e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	-5.2923e+01	-4.5964e+01	-2.7636e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	-5.5925e+01	-3.9808e+01	-2.7893e+01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.2202e+02	-1.6075e+01	-2.5214e+01
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.2080e+02	-1.5105e+01	2.6584e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	-5.5276e+01	-3.8285e+01	2.8753e+01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-5.2712e+01	-4.5867e+01	3.6823e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.2009e+02	-1.9027e+01	1.5990e+00
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.2697e+02	-1.1267e+00	4.1644e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	-6.3433e+01	-1.0166e+01	4.9110e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	-5.3770e+01	-3.1584e+01	3.3433e+01
	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.2438e+02	-9.9174e+00	2.5967e+01

1780	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.3686e+02	1.8952e+01	3.3558e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	-7.6592e+01	3.1249e+01	4.4425e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	-6.0545e+01	1.9324e+00	4.7121e+01
	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.3412e+02	8.9515e+00	3.6250e+01
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.4464e+02	3.2350e+01	-3.1822e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	-8.2865e+01	5.9081e+01	8.1784e+00
	830	0.0000e+00	0.0000e+00	0.0000e+00	-7.3333e+01	4.3128e+01	2.9054e+01
	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.4400e+02	2.7937e+01	2.3250e+01
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	-2.3744e+02	-3.2206e+00	-2.0345e+01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.6667e+02	1.0362e+01	-2.1651e+01
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.7105e+02	1.4860e+01	-7.8519e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.3587e+02	-4.7521e+00	-6.5089e+00
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.3463e+02	5.3488e+00	-3.0729e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.6021e+02	-1.3797e+00	-3.4232e+01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.6958e+02	8.2441e+00	-3.3514e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-2.3266e+02	-2.6187e+00	-2.9970e+01
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.2874e+02	6.9536e+00	-2.0729e+01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.5500e+02	-1.1926e+01	-2.4637e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.6300e+02	-4.2260e+00	-3.8345e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.2901e+02	4.4160e+00	-3.4366e+01
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	-2.2412e+02	6.9195e+00	-2.3267e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.5295e+02	-1.6512e+01	-1.7187e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.5622e+02	-1.4079e+01	-2.2702e+01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.2521e+02	6.2180e+00	-2.0648e+01
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	-2.2317e+02	6.6542e+00	2.3643e+01
	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.5485e+02	-1.2965e+01	2.4496e+01
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.5260e+02	-1.6560e+01	3.1558e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-2.2382e+02	6.9679e+00	2.3662e+00
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	-2.2454e+02	5.4520e+00	3.6486e+01
	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.5993e+02	-2.1690e+00	3.9251e+01
	824	0.0000e+00	0.0000e+00	0.0000e+00	-1.5291e+02	-1.0942e+01	2.6250e+01
	816	0.0000e+00	0.0000e+00	0.0000e+00	-2.2610e+02	7.5211e+00	2.3488e+01
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	-2.2558e+02	-3.7760e+00	3.0497e+01
	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.6485e+02	1.1315e+01	3.2766e+01
	823	0.0000e+00	0.0000e+00	0.0000e+00	-1.5639e+02	-1.2065e+00	3.4803e+01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-2.2958e+02	6.4938e+00	3.2548e+01
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	-2.2585e+02	-5.1591e+00	5.4114e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.6476e+02	1.8567e+01	5.2234e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	-1.6116e+02	1.3089e+01	2.0372e+01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-2.2978e+02	-4.2454e+00	2.0465e+01
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	-3.3397e+02	-2.2336e+01	-2.2369e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-2.5729e+02	-1.3043e+01	-2.0017e+01
	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.5846e+02	-1.6089e+01	-6.3970e+00
	813	0.0000e+00	0.0000e+00	0.0000e+00	-3.2869e+02	-3.4034e+01	-8.7036e+00
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	-3.3422e+02	7.1955e+00	-3.0595e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.5876e+02	-1.5692e+00	-2.8845e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-2.6209e+02	-7.4847e+00	-3.0575e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-3.2855e+02	-1.2395e+01	-3.2263e+01
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	-3.2701e+02	2.3379e+01	-1.7230e+01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.5758e+02	6.6796e+00	-1.9549e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.6168e+02	2.1806e+00	-3.3786e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-3.2872e+02	1.3959e+01	-3.1310e+01
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	-3.2090e+02	2.8439e+01	3.9753e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-2.5556e+02	9.0419e+00	-1.9510e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.5794e+02	7.3549e+00	-1.8853e+01
	810	0.0000e+00	0.0000e+00	0.0000e+00	-3.2356e+02	2.6109e+01	-1.6600e+01
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	-3.2089e+02	2.6232e+01	2.1980e+01
	816	0.0000e+00	0.0000e+00	0.0000e+00	-2.5577e+02	7.8430e+00	2.2508e+01
	817	0.0000e+00	0.0000e+00	0.0000e+00	-2.5510e+02	8.8800e+00	3.7010e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-3.2048e+02	2.8336e+01	3.1909e+00
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	-3.2273e+02	1.4004e+01	3.6056e+01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-2.5675e+02	3.1626e+00	3.6683e+01
	816	0.0000e+00	0.0000e+00	0.0000e+00	-2.5444e+02	6.8302e+00	2.2976e+01

	808	0.0000e+00	0.0000e+00	0.0000e+00	-3.2350e+02	2.3270e+01	2.2349e+01
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	-3.1878e+02	-1.3396e+01	3.5866e+01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-2.5411e+02	-7.0092e+00	3.2020e+01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-2.5278e+02	-1.9344e+00	3.1312e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-3.2735e+02	7.0850e+00	3.5194e+01
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	-3.1434e+02	-3.6141e+01	1.1063e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-2.4706e+02	-1.5873e+01	6.5418e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-2.4812e+02	-1.3145e+01	2.0790e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-3.2320e+02	-2.3722e+01	2.5838e+01
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	-4.4836e+02	-4.4430e+01	-2.8850e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-3.5365e+02	-3.5853e+01	-2.3367e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-3.5273e+02	-4.9460e+01	-6.9120e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	-4.3923e+02	-7.3789e+01	-1.2350e+01
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	-4.3472e+02	1.9779e+01	-2.5333e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-3.6132e+02	5.4627e+00	-2.5475e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-3.6257e+02	-2.0287e+01	-3.5229e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-4.3590e+02	-1.5806e+01	-3.4843e+01
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	-4.0758e+02	3.7583e+01	-6.4636e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-3.5537e+02	2.6554e+01	-1.4625e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-3.6031e+02	1.0142e+01	-3.0319e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-4.2634e+02	3.0821e+01	-1.9537e+01
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	-3.9372e+02	4.1570e+01	8.0556e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-3.4791e+02	3.0618e+01	-2.5808e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-3.5160e+02	2.5676e+01	-1.2465e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-4.0256e+02	4.0943e+01	-7.4550e+00
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	-3.9972e+02	4.0916e+01	1.4465e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-3.4887e+02	2.5819e+01	1.8441e+01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-3.4739e+02	3.0394e+01	5.8713e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-3.9325e+02	4.1345e+01	-2.3879e+00
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	-4.1990e+02	3.0387e+01	2.6945e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-3.5410e+02	1.0128e+01	3.6081e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-3.5158e+02	2.6204e+01	2.0506e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	-4.0378e+02	3.7051e+01	1.1358e+01
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	-4.2512e+02	-1.7827e+01	4.2405e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-3.5230e+02	-2.1293e+01	4.0204e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-3.5389e+02	5.1285e+00	3.0806e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-4.2721e+02	1.8730e+01	3.3068e+01
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	-4.2300e+02	-7.7546e+01	1.9819e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-3.3754e+02	-5.1757e+01	1.1324e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-3.4191e+02	-3.7870e+01	2.7672e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-4.3631e+02	-4.7190e+01	3.6715e+01
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	-6.1529e+02	-5.9228e+01	-2.6643e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-4.6860e+02	-5.7682e+01	-2.5189e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-4.6744e+02	-9.7441e+01	-1.1482e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-6.1553e+02	-1.2332e+02	-1.2670e+01
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	-5.0288e+02	3.6951e+01	3.6380e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-4.6931e+02	3.6053e+01	-1.1168e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-4.8545e+02	-2.7006e+01	-4.3961e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-5.7267e+02	4.3476e+01	-1.1152e+01
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	-4.3360e+02	3.9074e+01	3.8607e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-4.2910e+02	4.4964e+01	-6.0100e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	-4.4779e+02	2.3860e+01	-9.7997e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-4.8806e+02	4.2077e+01	3.3563e+01
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	-4.0786e+02	3.3501e+01	1.4921e+01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-4.0709e+02	4.2139e+01	-2.9022e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	-4.1642e+02	3.7437e+01	1.0421e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	-4.2480e+02	3.4143e+01	2.2582e+01
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	-4.2249e+02	3.4133e+01	-9.6508e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	-4.1366e+02	3.7324e+01	1.8998e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-4.0663e+02	4.1949e+01	8.8200e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-4.0743e+02	3.3205e+01	-3.5534e+00
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	-4.8278e+02	4.1776e+01	-2.0257e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-4.4151e+02	2.3306e+01	1.4923e+01

	800	0.0000e+00	0.0000e+00	0.0000e+00	-4.2537e+02	4.4443e+01	8.4651e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-4.3040e+02	3.8463e+01	-2.5886e+01
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	-5.6382e+02	4.2592e+01	1.4132e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-4.7491e+02	-2.9052e+01	5.3168e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-4.6192e+02	3.4933e+01	1.7778e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-4.9660e+02	3.5872e+01	-2.2886e+01
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	-6.0143e+02	-1.2690e+02	2.5850e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-4.5126e+02	-1.0133e+02	2.1505e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-4.5650e+02	-6.0773e+01	3.3655e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	-6.0522e+02	-6.2411e+01	3.8522e+01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	-6.3766e+02	1.7699e+02	3.4678e+02
	795	0.0000e+00	0.0000e+00	0.0000e+00	-7.8564e+02	2.7750e+01	5.4957e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-5.3354e+02	-2.0959e+02	-7.4559e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.4781e+03	-1.2439e+02	2.1743e+02
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	-4.3239e+02	3.0960e+01	1.7779e+02
	793	0.0000e+00	0.0000e+00	0.0000e+00	-5.2348e+02	7.4323e+01	4.6213e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-6.7141e+02	1.4338e+01	7.7516e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	-5.4896e+02	-4.2011e+01	2.0924e+02
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	-3.4775e+02	3.2249e+01	9.0862e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	-4.1960e+02	3.9077e+01	3.6180e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	-4.8271e+02	3.2920e+01	7.7617e+01
	794	0.0000e+00	0.0000e+00	0.0000e+00	-3.9467e+02	-1.4311e+01	1.3236e+02
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	-3.1955e+02	-2.7516e+01	2.0159e+01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-3.8817e+02	2.7638e+01	4.7145e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-4.0731e+02	2.7225e+01	4.5434e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	-3.3253e+02	-1.2474e+01	6.1384e+01
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-3.3151e+02	-1.0951e+01	-4.6986e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	-4.0536e+02	2.6971e+01	-3.2211e+01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-3.8780e+02	2.7547e+01	9.3767e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	-3.1934e+02	-2.8694e+01	-6.4161e+00
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-3.9237e+02	-1.6401e+01	-1.1753e+02
	785	0.0000e+00	0.0000e+00	0.0000e+00	-4.7818e+02	3.2359e+01	-6.4096e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	-4.1696e+02	3.8741e+01	-2.3034e+01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-3.4627e+02	3.2452e+01	-7.6428e+01
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-5.4523e+02	-4.3678e+01	-1.9348e+02
	783	0.0000e+00	0.0000e+00	0.0000e+00	-6.6387e+02	1.4093e+01	-6.3355e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-5.1842e+02	7.3637e+01	-3.2679e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-4.2949e+02	3.0268e+01	-1.6281e+02
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-1.4735e+03	-1.2806e+02	-1.9987e+02
	343	0.0000e+00	0.0000e+00	0.0000e+00	-5.2185e+02	-2.1389e+02	9.0047e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	-7.7783e+02	2.7359e+01	-4.1229e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-6.3312e+02	1.7739e+02	-3.3097e+02
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	2.8938e+02	3.2759e+01	1.3592e+02
	782	0.0000e+00	0.0000e+00	0.0000e+00	1.5818e+02	-1.0701e+02	2.3406e+02
	22	0.0000e+00	0.0000e+00	0.0000e+00	6.5173e+02	1.4644e+02	1.8103e+02
	773	0.0000e+00	0.0000e+00	0.0000e+00	-3.1026e+01	1.2257e+02	8.2973e+01
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	1.5686e+02	-6.1059e+01	8.3148e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	1.3059e+02	-2.8864e+01	1.2762e+02
	782	0.0000e+00	0.0000e+00	0.0000e+00	1.1887e+02	9.9086e+00	1.5226e+02
	772	0.0000e+00	0.0000e+00	0.0000e+00	2.5036e+02	-1.2733e+01	1.0776e+02
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	1.1221e+02	-5.6630e+01	6.8923e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	1.0539e+02	-3.5509e+01	8.9619e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	1.2211e+02	-1.5388e+01	1.1508e+02
	771	0.0000e+00	0.0000e+00	0.0000e+00	1.3364e+02	-4.9531e+01	9.4357e+01
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	9.4110e+01	-5.9991e+01	4.0827e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	9.5038e+01	-3.3891e+01	4.8935e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	1.0010e+02	-2.7919e+01	7.4253e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	1.0413e+02	-5.6974e+01	6.6112e+01
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	9.5039e+01	-6.2758e+01	9.8232e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	9.2204e+01	-3.0861e+01	8.8419e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	9.3852e+01	-3.3247e+01	3.5291e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	9.1861e+01	-5.9651e+01	3.6207e+01
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	1.1623e+02	-6.7275e+01	-2.7217e+01

	777	0.0000e+00	0.0000e+00	0.0000e+00	9.7845e+01	-2.3776e+01	-3.8944e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	9.4782e+01	-3.5850e+01	-7.3638e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	9.7756e+01	-6.2038e+01	5.6872e+00
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	1.7485e+02	-7.4072e+01	-7.0302e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	1.1708e+02	-9.4764e+00	-1.0243e+02
	777	0.0000e+00	0.0000e+00	0.0000e+00	1.0635e+02	-3.8945e+01	-5.9339e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	1.2668e+02	-6.8275e+01	-2.7250e+01
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	3.0215e+02	-7.8740e+01	-1.1828e+02
	775	0.0000e+00	0.0000e+00	0.0000e+00	1.9396e+02	2.5620e+01	-2.0161e+02
	776	0.0000e+00	0.0000e+00	0.0000e+00	1.4002e+02	-5.4433e+01	-1.4051e+02
	766	0.0000e+00	0.0000e+00	0.0000e+00	2.0324e+02	-8.3293e+01	-5.7186e+01
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	8.0400e+02	6.3864e+00	-1.2739e+02
	774	0.0000e+00	0.0000e+00	0.0000e+00	2.2935e+02	1.0170e+02	-3.4325e+02
	775	0.0000e+00	0.0000e+00	0.0000e+00	2.4310e+02	-7.7618e+01	-2.5628e+02
	765	0.0000e+00	0.0000e+00	0.0000e+00	3.9419e+02	-1.7185e+02	-4.0428e+01
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	9.1285e+01	6.1387e+02	1.8285e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	2.7808e+03	7.0740e+02	-5.5353e+02
	774	0.0000e+00	0.0000e+00	0.0000e+00	4.5579e+02	-5.6732e+02	-8.1011e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	1.0649e+03	8.5552e+01	-7.3730e+01
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	1.6259e+02	5.7838e+01	7.3481e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	2.0344e+02	-1.5202e+01	9.3564e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	4.5645e+02	1.4324e+02	8.7473e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	-5.9078e+01	8.4317e+01	6.7389e+01
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	1.2642e+02	-5.8180e+01	4.3262e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	1.5275e+02	-4.6176e+01	7.2336e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	1.6348e+02	-2.8088e+01	6.4209e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	1.6959e+02	4.3807e+00	3.5268e+01
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	9.7894e+01	-7.4611e+01	4.3820e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	1.1410e+02	-6.5395e+01	6.5994e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	1.4337e+02	-5.5001e+01	6.9768e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.0976e+02	-5.4010e+01	4.7594e+01
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	8.2521e+01	-8.2013e+01	3.4367e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	9.8207e+01	-6.8781e+01	4.3234e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	1.0767e+02	-6.5075e+01	5.3343e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	8.9685e+01	-7.3897e+01	4.4448e+01
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	8.5947e+01	-8.4335e+01	2.3279e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	1.0066e+02	-7.0715e+01	1.8595e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	9.7206e+01	-6.9936e+01	3.0395e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	8.0993e+01	-8.2198e+01	3.5090e+01
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	1.1001e+02	-8.4135e+01	1.4554e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	1.2510e+02	-7.3682e+01	-7.2732e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	1.0524e+02	-7.4516e+01	5.0025e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	9.1527e+01	-8.7280e+01	2.5124e+01
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	1.5954e+02	-7.5214e+01	1.6921e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	1.8148e+02	-8.0132e+01	-2.6655e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	1.3664e+02	-8.0173e+01	-2.3592e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	1.2498e+02	-9.1868e+01	2.0036e+01
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	2.2047e+02	-3.4648e+01	5.0557e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	3.0444e+02	-8.9870e+01	-2.2791e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	2.0276e+02	-8.4858e+01	-4.6710e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	1.8781e+02	-8.7894e+01	2.6646e+01
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	2.7492e+02	1.0036e+02	1.4120e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	4.2854e+02	-7.9573e+01	7.8308e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	3.2822e+02	-6.1640e+01	-9.7855e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	2.5987e+02	-4.9767e+01	5.3220e+01
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	2.0726e+02	2.9502e+02	2.8129e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	5.0240e+02	3.7511e+02	4.4175e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	5.3349e+02	2.7471e+02	1.1938e+02
	754	0.0000e+00	0.0000e+00	0.0000e+00	2.0560e+02	1.9084e+02	1.0333e+02
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	7.1453e+01	4.6437e+01	5.3548e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	1.1834e+02	-8.8435e+00	6.0931e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	3.1841e+02	1.0327e+02	5.9719e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	-1.2137e+02	5.2003e+01	5.2305e+01

1843	751	0.0000e+00	0.0000e+00	0.0000e+00	5.5039e+01	-4.6466e+01	2.4756e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.0615e+02	-4.3598e+01	3.1371e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	9.2651e+01	-1.2275e+01	2.7742e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	8.1331e+01	4.1624e+00	2.1314e+01
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	4.7283e+01	-7.1889e+01	3.0424e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	8.2911e+01	-7.4348e+01	4.0114e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	9.9482e+01	-6.0152e+01	3.4609e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	4.9392e+01	-5.0293e+01	2.5121e+01
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	4.1329e+01	-8.3503e+01	3.3021e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	7.2727e+01	-8.4492e+01	3.7203e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	7.8345e+01	-7.9578e+01	3.4484e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	4.3762e+01	-7.4405e+01	3.0358e+01
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	4.4309e+01	-8.4591e+01	3.7452e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	7.6951e+01	-8.8670e+01	3.2796e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	7.2167e+01	-8.6572e+01	3.0156e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	4.1078e+01	-8.4695e+01	3.4802e+01
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	5.7220e+01	-7.7352e+01	4.6566e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	9.7877e+01	-8.9512e+01	3.1971e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	8.0432e+01	-8.8724e+01	2.5580e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	4.8425e+01	-8.6773e+01	4.0128e+01
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	7.6614e+01	-5.5366e+01	6.4506e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	1.3510e+02	-8.2753e+01	4.2245e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	1.0550e+02	-8.5544e+01	2.7217e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	6.5702e+01	-8.0078e+01	4.9439e+01
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	8.7487e+01	-4.6445e+00	8.9456e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.8040e+02	-4.6550e+01	7.0316e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	1.4684e+02	-6.6726e+01	4.4944e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	8.5968e+01	-5.3482e+01	6.4075e+01
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	7.5421e+01	8.0155e+01	8.7521e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	1.7726e+02	8.3088e+01	1.0303e+02
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.9529e+02	-1.0595e+01	9.2687e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	8.5531e+01	1.4959e+01	7.7179e+01
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	4.7105e+01	1.5438e+02	1.5159e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	1.6499e+02	2.3555e+02	3.7368e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	1.9933e+02	1.5261e+02	8.9963e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	5.3048e+01	1.1911e+02	6.7750e+01
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	2.7455e+01	3.2567e+01	4.5996e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	3.6397e+01	-1.4865e+01	4.9014e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	2.0282e+02	7.0684e+01	4.6204e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.8406e+02	2.9736e+01	4.3163e+01
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	-3.3941e+01	-4.1069e+01	2.0104e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	3.7472e+01	-3.9712e+01	1.9388e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	2.3919e+01	-1.2248e+01	1.8054e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	2.3546e+01	-7.7889e+00	1.8806e+01
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	-3.3344e+01	-6.2933e+01	2.6379e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	2.9301e+01	-7.1275e+01	2.7982e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	3.4065e+01	-5.4371e+01	2.1066e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-3.5291e+01	-4.6331e+01	1.9678e+01
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	-3.3788e+01	-7.3785e+01	3.4026e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	2.5831e+01	-8.3382e+01	3.4685e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	2.6889e+01	-7.7048e+01	2.6019e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	-3.3673e+01	-6.7027e+01	2.5424e+01
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	-3.2481e+01	-7.3132e+01	4.5411e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	2.7814e+01	-8.6093e+01	4.2942e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	2.5419e+01	-8.5001e+01	3.2596e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	-3.3366e+01	-7.5153e+01	3.5051e+01
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	2.9934e+01	-6.2800e+01	5.9663e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	3.6084e+01	-8.0236e+01	5.4357e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	2.9302e+01	-8.3819e+01	4.1534e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	-3.0986e+01	-7.3294e+01	4.6822e+01
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	2.8930e+01	-4.0269e+01	7.4426e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	4.7027e+01	-6.0070e+01	7.0201e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	3.9605e+01	-7.2805e+01	5.5506e+01



	737	0.0000e+00	0.0000e+00	0.0000e+00	2.8400e+01	-6.0665e+01	5.9723e+01
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	-3.3307e+01	-3.1111e+00	8.0454e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	4.9629e+01	-1.2475e+01	8.4754e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	5.2214e+01	-4.4299e+01	7.4773e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	2.9407e+01	-3.2480e+01	7.0471e+01
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	-4.6341e+01	4.4503e+01	6.1363e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	3.6495e+01	6.6496e+01	7.7555e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	5.5699e+01	1.1640e+01	8.6695e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	-3.8827e+01	1.3701e+01	7.0504e+01
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	-5.7660e+01	7.7106e+01	1.3066e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	2.7269e+01	1.2410e+02	2.3957e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	4.1847e+01	9.1018e+01	5.9013e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	-5.5227e+01	6.1569e+01	4.8123e+01
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	-9.5032e+01	2.1118e+01	4.2767e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	-5.7004e+01	-2.1866e+01	4.3945e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	1.0268e+02	4.8367e+01	3.9231e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	-2.4272e+02	1.5611e+01	3.8046e+01
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.0306e+02	-3.8357e+01	2.0080e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-5.0178e+01	-3.7764e+01	1.7875e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	-6.9683e+01	-1.6219e+01	1.6955e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-8.6901e+01	-1.2945e+01	1.9123e+01
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.0117e+02	-5.3728e+01	2.5891e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	-5.2625e+01	-6.3739e+01	2.5073e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-5.1802e+01	-4.8857e+01	1.8560e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.0361e+02	-4.2658e+01	1.9382e+01
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0121e+02	-6.0949e+01	3.4528e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	-5.3514e+01	-7.3379e+01	3.4372e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	-5.4325e+01	-6.7868e+01	2.4258e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.0067e+02	-5.7388e+01	2.4416e+01
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.0198e+02	-5.8577e+01	4.6990e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	-5.3167e+01	-7.3376e+01	4.7036e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	-5.3973e+01	-7.3978e+01	3.4657e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0094e+02	-6.1790e+01	3.4592e+01
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.0415e+02	-4.8819e+01	6.0274e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	-5.2166e+01	-6.4116e+01	6.1051e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	-5.2625e+01	-7.0469e+01	4.8005e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.0200e+02	-5.7618e+01	4.7212e+01
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.0888e+02	-3.2512e+01	6.9903e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	-5.3256e+01	-4.3323e+01	7.3219e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	-5.0740e+01	-5.7662e+01	6.2613e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.0530e+02	-4.5645e+01	5.9290e+01
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.1699e+02	-1.1151e+01	6.8374e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	-5.9624e+01	-9.0276e+00	7.5938e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	-5.1111e+01	-3.3381e+01	7.3627e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.1226e+02	-2.6253e+01	6.6060e+01
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.2727e+02	1.1143e+01	4.8462e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	-6.9747e+01	3.2503e+01	5.8419e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	-5.7034e+01	3.6016e+00	7.0497e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.2262e+02	2.7101e+00	6.0543e+01
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.3279e+02	2.5745e+01	1.2392e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-7.5991e+01	5.7159e+01	1.7509e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	-6.7703e+01	4.1957e+01	4.2641e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.3213e+02	1.8575e+01	3.7532e+01
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	-1.6349e+02	1.1586e+01	4.0489e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-1.2772e+02	-2.7166e+01	4.1130e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	2.7636e+01	3.3648e+01	3.5825e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-2.9573e+02	7.9238e+00	3.5184e+01
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.7134e+02	-3.6697e+01	2.0374e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.2057e+02	-3.6531e+01	1.8654e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-1.3903e+02	-2.0211e+01	1.7779e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-1.5625e+02	-1.7325e+01	1.9449e+01
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.6981e+02	-4.6021e+01	2.5577e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.2228e+02	-5.5363e+01	2.4857e+01

	731	0.0000e+00	0.0000e+00	0.0000e+00	-1.2187e+02	-4.4427e+01	1.8998e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.7165e+02	-3.9225e+01	1.9625e+01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.7066e+02	-4.9438e+01	3.3242e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.2342e+02	-6.0965e+01	3.3769e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.2379e+02	-5.7654e+01	2.4370e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.6930e+02	-4.8367e+01	2.3800e+01
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.7408e+02	-4.5615e+01	4.3781e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.2559e+02	-5.8799e+01	4.6182e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.2422e+02	-6.0578e+01	3.4786e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.7097e+02	-4.9597e+01	3.2355e+01
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.8058e+02	-3.7294e+01	5.4474e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.2928e+02	-4.9951e+01	5.8952e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.2604e+02	-5.5853e+01	4.7537e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.7546e+02	-4.4537e+01	4.3034e+01
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.8906e+02	-2.7687e+01	6.1770e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.3488e+02	-3.5436e+01	6.7842e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.2923e+02	-4.5233e+01	5.9465e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.8338e+02	-3.5380e+01	5.3378e+01
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	-1.9715e+02	-2.0565e+01	5.9958e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.4175e+02	-1.7203e+01	6.6221e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.3390e+02	-3.0176e+01	6.5512e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.9329e+02	-2.5387e+01	5.9246e+01
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	-2.0310e+02	-1.7596e+01	4.3273e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.4732e+02	9.8078e-01	4.7875e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.3977e+02	-1.2812e+01	5.8694e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	-2.0199e+02	-1.8407e+01	5.4098e+01
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	-2.0547e+02	-1.4906e+01	1.2504e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.5015e+02	1.0067e+01	1.4432e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.4553e+02	3.2067e+00	3.4774e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	-2.0646e+02	-1.6340e+01	3.2864e+01
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	-2.2503e+02	2.6213e+00	3.7767e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-1.9272e+02	-3.1295e+01	3.8398e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-7.8624e+01	2.3048e+01	3.4475e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-3.4153e+02	-9.8528e+00	3.3849e+01
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	-2.3131e+02	-3.5270e+01	2.0219e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.8728e+02	-3.5197e+01	1.9075e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-2.0316e+02	-2.3703e+01	1.8126e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-2.1801e+02	-2.0661e+01	1.9196e+01
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	-2.2863e+02	-4.0767e+01	2.5246e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.8905e+02	-4.7570e+01	2.4426e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.8822e+02	-4.0823e+01	1.9386e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	-2.3125e+02	-3.5775e+01	2.0013e+01
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	-2.2973e+02	-4.2184e+01	3.0175e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.9079e+02	-4.9887e+01	3.1343e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.9008e+02	-4.8812e+01	2.4299e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-2.2830e+02	-4.1894e+01	2.3045e+01
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	-2.3642e+02	-3.7408e+01	3.5939e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.9551e+02	-4.6557e+01	4.0909e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.9188e+02	-4.8839e+01	3.2734e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	-2.3082e+02	-4.1888e+01	2.7719e+01
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	-2.4931e+02	-2.9000e+01	4.2302e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	-2.0368e+02	-3.9257e+01	5.1149e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.9736e+02	-4.3218e+01	4.2402e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	-2.3922e+02	-3.6434e+01	3.3510e+01
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	-2.6574e+02	-2.1839e+01	4.8751e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	-2.1362e+02	-3.1316e+01	5.9268e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	-2.0588e+02	-3.4868e+01	5.1272e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	-2.5386e+02	-2.8444e+01	4.0724e+01
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	-2.7940e+02	-2.4382e+01	5.1677e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	-2.2161e+02	-2.6925e+01	5.9412e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	-2.1471e+02	-2.8215e+01	5.6006e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	-2.7159e+02	-2.3689e+01	4.8266e+01
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	-2.8482e+02	-4.1341e+01	4.2379e+01

	714	0.0000e+00	0.0000e+00	0.0000e+00	-2.2417e+02	-2.8011e+01	4.3945e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	-2.2003e+02	-2.7401e+01	5.1202e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	-2.8548e+02	-2.9844e+01	4.9648e+01
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	-2.8622e+02	-5.3931e+01	1.3181e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-2.2386e+02	-2.9656e+01	1.2780e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	-2.2118e+02	-3.0377e+01	3.1936e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	-2.8931e+02	-4.7896e+01	3.2362e+01
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	-2.7608e+02	-7.2695e+00	3.6088e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-2.4912e+02	-3.5141e+01	3.5572e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-1.4949e+02	1.3426e+01	3.4826e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	-3.7897e+02	-2.2069e+01	3.5362e+01
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	-2.7335e+02	-3.3516e+01	2.3629e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	-2.4437e+02	-3.2267e+01	1.9726e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-2.5927e+02	-2.6663e+01	1.7727e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	-2.6657e+02	-2.0029e+01	2.1363e+01
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	-2.6408e+02	-4.0058e+01	2.8218e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-2.4335e+02	-4.1141e+01	2.3993e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	-2.4361e+02	-3.7672e+01	2.0727e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	-2.7197e+02	-3.2114e+01	2.4667e+01
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	-2.6371e+02	-4.2839e+01	2.6068e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	-2.4389e+02	-4.3011e+01	2.6646e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-2.4289e+02	-4.3020e+01	2.4962e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	-2.6363e+02	-4.0722e+01	2.4286e+01
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	-2.7435e+02	-3.8068e+01	2.1909e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	-2.5147e+02	-3.9568e+01	3.0003e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	-2.4512e+02	-4.1929e+01	2.8727e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	-2.6571e+02	-4.2411e+01	2.0573e+01
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	-2.9716e+02	-2.7494e+01	1.8995e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	-2.6699e+02	-3.2458e+01	3.4901e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	-2.5541e+02	-3.5259e+01	3.2121e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	-2.7913e+02	-3.6718e+01	1.6058e+01
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	-3.3077e+02	-1.5680e+01	2.1030e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	-2.8783e+02	-2.6878e+01	4.2473e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	-2.7346e+02	-2.6025e+01	3.6142e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	-3.0478e+02	-2.6671e+01	1.4607e+01
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	-3.6800e+02	-1.3885e+01	3.0347e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	-3.0582e+02	-3.1794e+01	5.0597e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	-2.9477e+02	-2.1369e+01	4.0686e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	-3.4073e+02	-1.8863e+01	2.0584e+01
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	-3.8495e+02	-5.2113e+01	4.0105e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	-3.1222e+02	-5.2088e+01	4.5169e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	-3.0772e+02	-3.3799e+01	4.2216e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	-3.7911e+02	-2.7296e+01	3.7236e+01
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	-3.9066e+02	-1.0015e+02	1.4331e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-3.0742e+02	-7.0894e+01	1.1756e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	-3.0578e+02	-6.2486e+01	3.1975e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	-3.9641e+02	-7.7274e+01	3.4573e+01
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	-3.0164e+02	-5.8440e+00	4.8867e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	-2.9524e+02	-3.5606e+01	3.8412e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	-2.0738e+02	-1.6373e+01	3.7353e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	-4.1111e+02	-4.2207e+01	4.7769e+01
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	-2.7072e+02	-2.7762e+01	4.4490e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	-2.8162e+02	-2.5589e+01	2.6709e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	-3.0082e+02	-2.6529e+01	2.2818e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-2.8470e+02	-1.5940e+01	4.0235e+01
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	-2.5157e+02	-4.3685e+01	3.8340e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	-2.6901e+02	-3.9060e+01	2.7032e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	-2.7347e+02	-3.4696e+01	3.1335e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	-2.6794e+02	-3.9538e+01	4.2565e+01
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	-2.5073e+02	-5.3852e+01	2.0453e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	-2.6562e+02	-4.4628e+01	2.0351e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	-2.6514e+02	-4.2919e+01	3.0086e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	-2.5133e+02	-5.4467e+01	3.0148e+01

1906	683	0.0000e+00	0.0000e+00	0.0000e+00	-2.6596e+02	-5.2975e+01	1.8243e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	-2.7645e+02	-4.1935e+01	1.1672e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	-2.6668e+02	-4.3894e+01	2.2973e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	-2.5406e+02	-5.7403e+01	1.1175e+01
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	-2.9881e+02	-4.2338e+01	-2.1340e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	-3.0236e+02	-3.2725e+01	5.2694e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	-2.8279e+02	-3.6739e+01	1.4216e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-2.7321e+02	-4.9766e+01	-1.0730e+01
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	-3.5355e+02	-2.3714e+01	-3.7755e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	-3.4354e+02	-2.2300e+01	6.4339e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	-3.1480e+02	-2.3464e+01	8.1384e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	-3.1059e+02	-3.3940e+01	-3.2411e+01
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	-4.3904e+02	8.3128e+00	-3.8125e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	-3.9172e+02	-2.3676e+01	1.7948e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	-3.6296e+02	1.0501e+01	8.4719e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	-3.7031e+02	-1.4295e+01	-4.7947e+01
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	-5.2571e+02	1.0785e+01	1.0500e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	-4.3156e+02	-6.5103e+01	5.0869e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	-4.1286e+02	-1.1332e+01	1.6467e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	-4.5921e+02	-9.3385e+00	-3.2984e+01
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	-5.7700e+02	-1.3805e+02	7.9565e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	-4.2007e+02	-1.2585e+02	1.4530e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	-4.1332e+02	-9.1076e+01	3.1881e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	-5.7003e+02	-1.1637e+02	2.5322e+01
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	-2.1387e+02	-4.4835e+01	1.4362e+02
	691	0.0000e+00	0.0000e+00	0.0000e+00	-3.2512e+02	-1.2416e+01	6.0560e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	-2.2313e+02	-3.8406e+01	3.3421e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-4.7230e+02	5.4311e+01	1.1627e+02
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	-1.6997e+02	-1.0715e+02	8.1485e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	-2.4984e+02	1.9374e+01	3.8683e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-3.1574e+02	-2.0488e+01	5.7386e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	-1.8260e+02	3.1509e+01	1.0018e+02
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.5989e+02	-1.1382e+02	4.3154e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	-2.2416e+02	-4.7680e+01	2.9543e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	-2.4951e+02	-3.8095e+01	5.1857e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-1.5955e+02	-1.8139e+01	6.5456e+01
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.6657e+02	-1.0628e+02	7.8363e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	-2.2515e+02	-5.9688e+01	1.0180e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	-2.2972e+02	-5.4751e+01	3.3235e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.5775e+02	-5.6812e+01	3.0902e+01
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	-1.8634e+02	-8.9448e+01	-2.8816e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-2.4368e+02	-5.8935e+01	-1.3481e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	-2.3116e+02	-5.9861e+01	1.1314e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.7067e+02	-8.1829e+01	-4.1172e+00
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	-2.2032e+02	-6.5862e+01	-6.9323e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	-2.8033e+02	-4.7924e+01	-3.9914e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-2.5044e+02	-5.3720e+01	-1.2766e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-1.9618e+02	-9.3551e+01	-4.2155e+01
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	-2.7470e+02	-3.8102e+01	-1.1606e+02
	679	0.0000e+00	0.0000e+00	0.0000e+00	-3.4234e+02	-2.9200e+01	-6.7186e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	-2.9026e+02	-3.6945e+01	-3.7195e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-2.3701e+02	-9.2363e+01	-8.6055e+01
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	-3.6633e+02	-1.8969e+01	-1.7181e+02
	677	0.0000e+00	0.0000e+00	0.0000e+00	-4.4928e+02	-9.0129e+00	-8.8960e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	-3.6157e+02	1.0759e+01	-5.7263e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-3.0196e+02	-7.6335e+01	-1.4008e+02
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	-5.3711e+02	-3.5225e+01	-2.3112e+02
	675	0.0000e+00	0.0000e+00	0.0000e+00	-6.6122e+02	-3.3353e+01	-7.4321e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	-4.9794e+02	4.4627e+01	-5.5686e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-4.1261e+02	3.8584e+01	-2.1237e+02
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.4876e+03	-1.5057e+02	-2.2918e+02
	577	0.0000e+00	0.0000e+00	0.0000e+00	-4.7121e+02	-2.2277e+02	7.0635e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	-7.6732e+02	-4.0014e+01	-6.2668e+01

	676	0.0000e+00	0.0000e+00	0.0000e+00	-6.3979e+02	1.7195e+02	-3.6231e+02
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	9.9135e+02	1.3206e+01	8.0016e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	4.1377e+02	-5.0419e+02	8.0417e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	2.7574e+03	6.2597e+02	5.3520e+02
	665	0.0000e+00	0.0000e+00	0.0000e+00	1.0946e+02	6.4168e+02	-1.8895e+02
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	3.3507e+02	-1.4995e+02	5.4207e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	2.0650e+02	-7.0114e+01	2.4401e+02
	674	0.0000e+00	0.0000e+00	0.0000e+00	2.1430e+02	7.8926e+01	3.4220e+02
	664	0.0000e+00	0.0000e+00	0.0000e+00	7.1032e+02	-3.5860e+01	1.5240e+02
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	1.7227e+02	-7.8933e+01	6.3698e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	1.2122e+02	-4.7909e+01	1.2678e+02
	673	0.0000e+00	0.0000e+00	0.0000e+00	1.5854e+02	8.1652e+00	1.8618e+02
	663	0.0000e+00	0.0000e+00	0.0000e+00	2.6222e+02	-7.8517e+01	1.2309e+02
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	1.1369e+02	-6.7533e+01	3.2634e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	9.6381e+01	-3.9638e+01	5.4713e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	1.0232e+02	-1.9823e+01	9.4666e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	1.5226e+02	-7.1096e+01	7.2587e+01
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	9.8125e+01	-6.5113e+01	4.5745e-01
	670	0.0000e+00	0.0000e+00	0.0000e+00	8.9355e+01	-3.7939e+01	5.5233e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	9.0192e+01	-3.1994e+01	3.6461e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	1.0758e+02	-6.6122e+01	3.1348e+01
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	1.0951e+02	-6.8225e+01	-3.4190e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	9.2549e+01	-3.4060e+01	-4.1121e+01
	670	0.0000e+00	0.0000e+00	0.0000e+00	8.9720e+01	-3.8371e+01	-1.0099e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	9.8358e+01	-6.5671e+01	-3.1831e+00
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	1.5654e+02	-7.5982e+01	-7.5795e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	1.0744e+02	-2.4395e+01	-9.9789e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	9.9490e+01	-4.2597e+01	-5.9538e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	1.1610e+02	-7.0755e+01	-3.5545e+01
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	2.6925e+02	-8.6421e+01	-1.2714e+02
	667	0.0000e+00	0.0000e+00	0.0000e+00	1.6642e+02	1.3088e+00	-1.9231e+02
	668	0.0000e+00	0.0000e+00	0.0000e+00	1.2715e+02	-5.3436e+01	-1.3224e+02
	658	0.0000e+00	0.0000e+00	0.0000e+00	1.7705e+02	-8.4931e+01	-6.7068e+01
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	7.2029e+02	-4.7203e+01	-1.5827e+02
	666	0.0000e+00	0.0000e+00	0.0000e+00	2.2508e+02	6.9604e+01	-3.5027e+02
	667	0.0000e+00	0.0000e+00	0.0000e+00	2.1530e+02	-7.8184e+01	-2.5067e+02
	657	0.0000e+00	0.0000e+00	0.0000e+00	3.4259e+02	-1.5878e+02	-5.8666e+01
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	1.2670e+02	6.2389e+02	1.7757e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	2.7644e+03	6.1538e+02	-5.4784e+02
	666	0.0000e+00	0.0000e+00	0.0000e+00	4.2556e+02	-5.1387e+02	-8.1196e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	1.0012e+03	1.5925e+00	-8.6555e+01
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	2.2000e+02	1.8345e+02	-8.3839e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	5.3466e+02	1.9757e+02	-1.0726e+02
	665	0.0000e+00	0.0000e+00	0.0000e+00	5.0481e+02	4.0451e+02	-4.2429e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	2.0262e+02	2.9016e+02	-1.9015e+01
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	2.5399e+02	-7.2664e+01	-3.5568e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	2.9896e+02	-7.6455e+01	4.1844e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	4.2408e+02	-9.0243e+01	-4.8399e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	2.8507e+02	8.4814e+01	-1.2581e+02
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	1.7006e+02	-8.9428e+01	-6.6190e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	1.7918e+02	-8.6950e+01	6.0049e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	2.7744e+02	-8.3675e+01	4.1923e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	2.0625e+02	-4.5271e+01	-2.4748e+01
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	1.1469e+02	-8.8183e+01	2.2848e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	1.2278e+02	-7.8895e+01	3.3468e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	1.6081e+02	-7.5947e+01	3.8178e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	1.4391e+02	-7.5989e+01	4.7976e+00
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	9.5031e+01	-8.4854e+01	-2.9335e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	1.0452e+02	-7.4699e+01	6.6625e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	1.1468e+02	-7.2962e+01	1.6393e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	1.0409e+02	-8.2085e+01	6.8399e+00
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	1.0539e+02	-8.4291e+01	-7.8407e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	1.1645e+02	-7.5300e+01	-1.8701e+01

	660	0.0000e+00	0.0000e+00	0.0000e+00	1.0474e+02	-7.5113e+01	-8.9817e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	9.5181e+01	-8.5393e+01	2.0237e+00
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	1.4704e+02	-8.1120e+01	-5.7501e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	1.6481e+02	-8.1121e+01	-4.0689e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	1.2505e+02	-8.2124e+01	-3.5957e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	1.1633e+02	-9.1501e+01	-1.2849e+00
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	2.1216e+02	-5.3763e+01	2.3829e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	2.8422e+02	-9.1882e+01	-4.5019e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	1.8385e+02	-9.3209e+01	-6.2955e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	1.7367e+02	-9.5783e+01	5.9526e+00
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	2.9567e+02	7.2067e+01	1.2460e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	4.3486e+02	-1.0176e+02	4.3797e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	3.0679e+02	-8.6170e+01	-4.5725e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	2.6069e+02	-8.2579e+01	3.5082e+01
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	2.2193e+02	2.7218e+02	1.8207e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	5.2302e+02	3.8721e+02	3.5359e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	5.4696e+02	1.8323e+02	1.0086e+02
	645	0.0000e+00	0.0000e+00	0.0000e+00	2.3256e+02	1.6846e+02	8.3695e+01
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	5.4027e+01	1.1993e+02	-5.8609e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	2.0435e+02	1.4800e+02	-8.1517e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	1.6816e+02	2.3189e+02	-2.8868e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	4.4653e+01	1.5562e+02	-5.9652e+00
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	9.0892e+01	4.3931e+00	-6.0929e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	1.9100e+02	-2.9570e+01	-7.3064e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	1.7501e+02	6.7573e+01	-9.2720e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	8.2624e+01	7.2578e+01	-8.0585e+01
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	8.5147e+01	-5.6840e+01	-4.0952e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	1.3768e+02	-7.3144e+01	-1.9310e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	1.7690e+02	-5.3401e+01	-4.8603e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	8.9472e+01	-1.1652e+01	-7.0245e+01
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	6.4607e+01	-7.4950e+01	-2.0310e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	9.9779e+01	-8.4452e+01	-1.5459e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	1.2733e+02	-8.0456e+01	-1.8785e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	7.4564e+01	-5.5752e+01	-3.7570e+01
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	5.4123e+01	-7.7694e+01	-3.4409e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	8.5475e+01	-8.6219e+01	3.3035e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	9.4498e+01	-8.4981e+01	-7.4419e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	5.8152e+01	-7.2328e+01	-1.4078e+01
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	5.8704e+01	-7.4270e+01	1.4092e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	9.5651e+01	-8.7389e+01	6.7979e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	8.5539e+01	-8.6555e+01	-4.1653e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	5.4208e+01	-7.8167e+01	3.4208e+00
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	7.6097e+01	-6.0238e+01	3.8343e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	1.3009e+02	-8.5754e+01	1.8531e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	1.0112e+02	-8.7600e+01	1.2376e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	6.5372e+01	-7.7896e+01	2.0610e+01
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	9.3054e+01	-1.8994e+01	7.2492e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.8230e+02	-6.1981e+01	4.8977e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	1.4082e+02	-7.9404e+01	1.8794e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	8.7116e+01	-6.2520e+01	4.2309e+01
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	9.0311e+01	6.1960e+01	8.5439e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	1.8533e+02	5.4891e+01	9.4087e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.9721e+02	-3.9536e+01	7.2875e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	9.5495e+01	-4.5609e+00	6.4237e+01
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	5.9971e+01	1.4167e+02	1.5474e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	1.8667e+02	2.1425e+02	3.2300e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	2.1613e+02	1.3328e+02	8.2165e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	6.3935e+01	1.0704e+02	6.5301e+01
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	-5.4197e+01	6.5801e+01	-3.8379e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	4.4769e+01	9.1459e+01	-5.0138e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	2.9456e+01	1.2488e+02	-1.3749e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-5.9617e+01	7.8429e+01	-2.0017e+00
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	-3.5698e+01	1.4664e+01	-5.6508e+01

	641	0.0000e+00	0.0000e+00	0.0000e+00	5.9333e+01	5.8180e+00	-7.2554e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	3.6259e+01	6.0351e+01	-6.9230e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-4.1653e+01	4.4923e+01	-5.3183e+01
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	2.7544e+01	-2.7805e+01	-4.7674e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	5.3351e+01	-4.6096e+01	-5.0113e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	5.2207e+01	-1.7282e+01	-6.7466e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	2.9991e+01	-1.1878e+00	-6.5026e+01
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	2.7541e+01	-4.8927e+01	-2.7076e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	4.1084e+01	-6.7733e+01	-2.2878e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	4.8396e+01	-5.7418e+01	-4.4327e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	2.7329e+01	-3.3723e+01	-4.8526e+01
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	2.9440e+01	-5.4984e+01	-3.0515e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	3.5295e+01	-7.4394e+01	9.8305e-01
	639	0.0000e+00	0.0000e+00	0.0000e+00	3.8537e+01	-7.1482e+01	-2.0988e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	2.8552e+01	-5.0079e+01	-2.3442e+01
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	3.0095e+01	-5.1365e+01	2.3238e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	3.9069e+01	-7.3622e+01	2.1063e+01
	638	0.0000e+00	0.0000e+00	0.0000e+00	3.5236e+01	-7.4552e+01	1.3383e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	2.9660e+01	-5.5307e+01	2.9341e+00
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	3.0443e+01	-3.6587e+01	4.9777e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	4.9631e+01	-6.1968e+01	4.5525e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	4.1486e+01	-7.0227e+01	2.3003e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	2.9475e+01	-5.0907e+01	2.7282e+01
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	3.4151e+01	-5.5685e+00	6.9121e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	5.5168e+01	-2.4516e+01	7.0787e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	5.4533e+01	-5.1121e+01	5.1358e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	3.0895e+01	-3.1518e+01	4.9715e+01
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	-4.5138e+01	3.9240e+01	6.2106e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	4.3038e+01	5.0081e+01	7.6166e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	6.2498e+01	-2.0966e+00	7.5982e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	-3.9397e+01	9.1603e+00	6.1935e+01
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	-5.9409e+01	7.2259e+01	1.8646e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	4.1437e+01	1.1154e+02	2.6637e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	5.2203e+01	8.0431e+01	5.7499e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	-5.5960e+01	5.8575e+01	4.9450e+01
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.3181e+02	2.5065e+01	-2.6861e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-6.6310e+01	4.5385e+01	-3.2211e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-7.4122e+01	5.8211e+01	-6.1590e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.3419e+02	2.6950e+01	-8.2284e-01
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.2118e+02	7.7940e+00	-4.7069e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-5.3993e+01	7.0378e+00	-5.7194e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-7.0000e+01	3.3937e+01	-4.9080e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.2418e+02	1.7120e+01	-3.8951e+01
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.1069e+02	-1.1292e+01	-4.4299e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-4.8656e+01	-2.5749e+01	-5.0805e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-5.7578e+01	-5.2449e+00	-6.0433e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.1385e+02	-7.4667e-01	-5.3925e+01
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.0527e+02	-2.3879e+01	-2.6885e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	-4.9099e+01	-4.3961e+01	-2.8855e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-5.1148e+01	-3.3756e+01	-4.7871e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.0689e+02	-1.6271e+01	-4.5902e+01
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.0455e+02	-2.8550e+01	-3.3759e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	-5.0960e+01	-5.0774e+01	-2.9726e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	-5.0540e+01	-4.7488e+01	-2.4847e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.0422e+02	-2.5774e+01	-2.5137e+01
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.0718e+02	-2.6137e+01	2.3092e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	-5.2261e+01	-4.8981e+01	2.4282e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	-5.1454e+01	-5.0667e+01	2.4956e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.0492e+02	-2.8626e+01	2.8502e+00
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.1306e+02	-1.6828e+01	4.5748e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	-5.4822e+01	-3.6609e+01	4.9016e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	-5.1796e+01	-4.5228e+01	2.8516e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.0890e+02	-2.4401e+01	2.5335e+01

1969	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.2297e+02	-9.1495e-01	5.7391e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	-6.2535e+01	-9.3513e+00	6.4847e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	-5.3271e+01	-2.8330e+01	5.2378e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.1736e+02	-1.2032e+01	4.4970e+01
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.3586e+02	1.8086e+01	4.8384e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	-7.4998e+01	2.8844e+01	5.8915e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	-5.9806e+01	3.2741e+00	6.2368e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.3047e+02	7.3236e+00	5.1855e+01
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.4717e+02	3.0622e+01	1.9391e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	-7.8622e+01	5.2912e+01	2.4397e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	-7.1972e+01	4.1000e+01	4.3452e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.4322e+02	2.5714e+01	3.8365e+01
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.0757e+02	-7.9899e+00	-2.2374e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.4545e+02	8.8872e+00	-2.3532e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.4871e+02	1.1278e+01	-2.5960e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	-2.0665e+02	-1.3685e+01	-1.4348e+00
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	-2.0370e+02	-1.5935e+00	-4.1253e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.3896e+02	-1.1168e+00	-4.5255e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.4860e+02	7.2063e+00	-3.7758e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.0220e+02	-7.2347e+00	-3.3750e+01
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.9563e+02	2.4286e+00	-3.9089e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.3353e+02	-1.2681e+01	-4.4121e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.4192e+02	-4.7138e+00	-5.1315e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-1.9740e+02	-2.3109e+00	-4.6282e+01
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.8855e+02	5.1390e+00	-2.4063e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.3063e+02	-2.1272e+01	-2.7612e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.3513e+02	-1.6334e+01	-4.3816e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.9112e+02	3.4792e+00	-4.0270e+01
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.8661e+02	6.7236e+00	-4.5679e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.3087e+02	-2.5229e+01	-4.7008e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.3143e+02	-2.3343e+01	-2.4096e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.8662e+02	5.8341e+00	-2.3750e+01
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.9118e+02	5.5676e+00	1.8170e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.3465e+02	-2.3917e+01	2.1211e+01
	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.3162e+02	-2.4818e+01	2.9557e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.8721e+02	6.4999e+00	4.8781e+00
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	-2.0103e+02	2.9963e+00	3.6590e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.4226e+02	-1.6840e+01	4.2864e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.3537e+02	-2.0951e+01	2.5115e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.9429e+02	4.4906e+00	1.9110e+01
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	-2.1302e+02	2.1016e+00	4.6207e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.5288e+02	-4.5873e+00	5.4092e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.4224e+02	-1.2062e+01	4.3916e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-2.0666e+02	2.7927e+00	3.6142e+01
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	-2.2418e+02	-2.4051e+00	3.9571e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.6324e+02	8.8853e+00	4.6640e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.5157e+02	5.8259e-01	4.9289e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-2.2037e+02	3.5353e+00	4.2250e+01
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	-2.3510e+02	-4.1836e+00	1.6324e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.6775e+02	1.5991e+01	2.0729e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.6183e+02	1.2797e+01	3.4502e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-2.3055e+02	-3.4122e+00	2.9919e+01
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	-2.9232e+02	-3.7339e+01	-2.3624e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.2256e+02	-2.2750e+01	-2.1189e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-2.2271e+02	-2.8294e+01	-1.6928e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	-2.8747e+02	-5.2405e+01	-4.0993e+00
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	-2.9001e+02	-6.7899e+00	-3.8113e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-2.2263e+02	-9.1537e+00	-3.8207e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.2727e+02	-1.6672e+01	-3.4383e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-2.8605e+02	-2.6630e+01	-3.4277e+01
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.7743e+02	9.4186e+00	-3.0814e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-2.1846e+02	3.4056e+00	-3.6705e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-2.2483e+02	-6.7872e+00	-4.5301e+01



	597	0.0000e+00	0.0000e+00	0.0000e+00	-2.8319e+02	1.5386e+00	-3.9413e+01
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	-2.6476e+02	1.3655e+01	-1.7799e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-2.1279e+02	5.0747e+00	-2.4017e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-2.1787e+02	4.7573e+00	-3.7544e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.7219e+02	1.1782e+01	-3.1343e+01
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	-2.6066e+02	1.4461e+01	-6.0211e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	-2.1128e+02	6.3475e+00	-6.9511e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	-2.1208e+02	5.9400e+00	-2.1102e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-2.6228e+02	1.4121e+01	-1.9860e+01
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	-2.6812e+02	1.5488e+01	1.0292e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-2.1688e+02	5.9254e+00	1.4458e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	-2.1225e+02	6.0247e+00	4.3755e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	-2.6148e+02	1.4864e+01	-8.9538e+00
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	-2.8509e+02	1.5576e+01	2.2866e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-2.2865e+02	3.9621e+00	3.2463e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-2.1957e+02	4.9347e+00	1.7806e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-2.7226e+02	1.5992e+01	1.0022e+01
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	-3.0413e+02	8.0465e+00	3.3461e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-2.4216e+02	-2.3534e+00	4.3535e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-2.3139e+02	3.3960e+00	3.2576e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-2.9207e+02	1.4555e+01	2.3013e+01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	-3.1670e+02	-1.3151e+01	3.2763e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-2.5203e+02	-8.3170e+00	3.8173e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-2.4242e+02	-2.1638e+00	3.8026e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-3.1287e+02	3.2494e+00	3.2726e+01
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	-3.2948e+02	-3.0743e+01	1.0964e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	-2.5692e+02	-1.4384e+01	1.4259e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-2.5021e+02	-1.1182e+01	2.7522e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-3.2521e+02	-2.1410e+01	2.3333e+01
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	-4.0138e+02	-6.3841e+01	-2.8833e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-3.0857e+02	-5.2578e+01	-2.2997e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-3.0682e+02	-6.9127e+01	-3.4538e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	-3.9179e+02	-9.6683e+01	-9.2310e+00
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	-3.8317e+02	2.2927e+00	-2.6927e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-3.1369e+02	-9.3060e+00	-3.0488e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-3.1726e+02	-3.6345e+01	-3.7515e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-3.8774e+02	-3.3664e+01	-3.3866e+01
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	-3.4699e+02	1.8631e+01	-8.3771e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	-3.0131e+02	1.2217e+01	-2.5386e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-3.1083e+02	-6.1115e+00	-3.7509e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-3.7290e+02	1.2283e+01	-2.0310e+01
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	-3.2015e+02	2.0414e+01	-3.2993e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	-2.8547e+02	1.6075e+01	-1.7327e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.9476e+02	9.6066e+00	-2.5013e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-3.3916e+02	2.0779e+01	-1.1086e+01
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	-3.1126e+02	2.0205e+01	-6.9640e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	-2.7958e+02	1.5566e+01	-1.0002e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-2.8176e+02	1.3880e+01	-1.4118e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-3.1632e+02	2.0294e+01	-1.0525e+01
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	-3.2255e+02	2.2090e+01	1.2006e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-2.8769e+02	1.5132e+01	7.5346e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	-2.8064e+02	1.6195e+01	7.0173e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	-3.1220e+02	2.0759e+01	-1.4827e+01
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	-3.5310e+02	2.5808e+01	1.4192e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-3.0815e+02	1.3229e+01	1.6035e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-2.9359e+02	1.8919e+01	8.9966e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	-3.2831e+02	2.3574e+01	-1.8556e+01
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	-3.9589e+02	2.2244e+01	1.4905e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-3.3278e+02	2.9247e+00	2.9423e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-3.1712e+02	1.8274e+01	1.7180e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-3.6307e+02	2.5562e+01	1.6955e+01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	-4.2236e+02	-1.6837e+01	2.3736e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-3.4966e+02	-2.2167e+01	3.2701e+01

	591	0.0000e+00	0.0000e+00	0.0000e+00	-3.3854e+02	2.2398e+00	2.4348e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-4.0870e+02	1.4845e+01	1.7761e+01
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	-4.4132e+02	-6.9417e+01	1.0324e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	-3.5296e+02	-4.6679e+01	8.1700e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	-3.4471e+02	-3.4143e+01	2.1307e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-4.3918e+02	-4.3123e+01	1.8858e+01
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	-5.7299e+02	-7.7059e+01	-2.2156e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-4.2213e+02	-7.6921e+01	-2.2515e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	-4.2003e+02	-1.2141e+02	-1.0527e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	-5.7683e+02	-1.4505e+02	-9.8853e+00
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	-4.5441e+02	1.9141e+01	4.0813e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-4.1733e+02	1.8202e+01	-8.4230e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	-4.3808e+02	-4.5962e+01	-4.3032e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	-5.2850e+02	2.4503e+01	-8.4648e+00
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	-3.7364e+02	2.0183e+01	4.5336e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-3.6719e+02	2.5784e+01	-3.1043e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	-3.9302e+02	4.8760e+00	-7.4170e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	-4.3716e+02	2.2926e+01	3.9698e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	-3.2959e+02	1.4932e+01	2.2370e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-3.3037e+02	2.1584e+01	-3.1730e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	-3.5004e+02	1.5886e+01	6.0946e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	-3.6098e+02	1.5119e+01	3.0995e+01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	-3.1542e+02	1.6119e+01	7.3884e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	-3.1764e+02	1.8914e+01	-1.3141e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-3.2290e+02	1.7493e+01	1.5183e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	-3.2367e+02	1.5624e+01	7.5858e+00
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	-3.2894e+02	1.6203e+01	-3.4614e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-3.2892e+02	1.9164e+01	-2.3714e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	-3.1869e+02	1.9476e+01	-1.0489e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-3.1624e+02	1.6044e+01	-2.1169e+01
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	-3.7289e+02	1.8453e+01	-5.8558e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-3.6367e+02	2.0788e+01	-2.9450e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-3.3858e+02	2.4879e+01	-2.0285e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-3.3658e+02	1.7357e+01	-4.9435e+01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	-4.5697e+02	3.1767e+01	-6.8081e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-4.1563e+02	1.4544e+01	2.2129e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-3.8326e+02	3.3125e+01	-2.4901e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-3.8751e+02	2.8055e+01	-7.3032e+01
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	-5.5878e+02	4.0487e+01	-3.7400e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-4.7220e+02	-2.8532e+01	2.8258e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-4.4293e+02	3.1562e+01	1.9997e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-4.7668e+02	3.3498e+01	-6.9984e+01
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	-6.2258e+02	-1.1879e+02	-2.3514e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	-4.7019e+02	-9.3760e+01	1.2338e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-4.6062e+02	-5.5051e+01	1.5424e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	-6.0645e+02	-5.4805e+01	1.9249e+01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	-6.1386e+02	1.6920e+02	3.5471e+02
	575	0.0000e+00	0.0000e+00	0.0000e+00	-7.4850e+02	-1.2207e+01	6.1817e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	-4.7934e+02	-2.2947e+02	-7.5379e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.4759e+03	-1.3519e+02	2.1753e+02
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	-4.0178e+02	2.7490e+01	1.9099e+02
	573	0.0000e+00	0.0000e+00	0.0000e+00	-4.7929e+02	5.6633e+01	5.4854e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	-6.3175e+02	-8.0406e+00	8.1764e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-5.2407e+02	-3.1923e+01	2.1792e+02
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	-3.0708e+02	-4.6313e+01	1.1112e+02
	571	0.0000e+00	0.0000e+00	0.0000e+00	-3.6351e+02	2.0429e+01	4.8319e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	-4.3618e+02	1.4442e+01	8.5175e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	-3.6119e+02	-1.2541e+01	1.4798e+02
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	-2.6288e+02	-5.3396e+01	4.9401e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	-3.1301e+02	1.4329e+01	2.0093e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	-3.4840e+02	1.2154e+01	5.5671e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	-2.8685e+02	-2.3322e+01	8.5066e+01
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	-2.4788e+02	-4.9256e+01	7.3634e+00

	567	0.0000e+00	0.0000e+00	0.0000e+00	-2.9844e+02	1.7981e+01	-1.4293e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	-3.0764e+02	1.7024e+01	2.1326e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	-2.5452e+02	-4.0893e+01	2.9107e+01
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	-2.5662e+02	-3.5872e+01	-5.9817e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-3.1284e+02	1.6457e+01	-4.8895e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-2.9852e+02	1.7841e+01	-1.4567e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	-2.4862e+02	-5.2060e+01	-2.5130e+01
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	-2.9217e+02	-1.4093e+01	-1.1674e+02
	563	0.0000e+00	0.0000e+00	0.0000e+00	-3.5954e+02	1.4090e+01	-8.3832e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-3.1829e+02	1.5105e+01	-4.7538e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-2.6661e+02	-5.5061e+01	-8.0329e+01
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	-3.7062e+02	-1.6860e+01	-1.8148e+02
	561	0.0000e+00	0.0000e+00	0.0000e+00	-4.5457e+02	2.4061e+01	-1.1422e+02
	563	0.0000e+00	0.0000e+00	0.0000e+00	-3.7449e+02	2.7406e+01	-7.6130e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-3.1448e+02	-4.7356e+01	-1.4326e+02
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	-5.3904e+02	-4.3939e+01	-2.5486e+02
	559	0.0000e+00	0.0000e+00	0.0000e+00	-6.5934e+02	1.2695e+01	-1.1289e+02
	561	0.0000e+00	0.0000e+00	0.0000e+00	-4.9714e+02	6.9554e+01	-8.3614e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-4.1404e+02	2.9905e+01	-2.2532e+02
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.4944e+03	-1.1151e+02	-2.6107e+02
	558	0.0000e+00	0.0000e+00	0.0000e+00	-5.2284e+02	-2.0143e+02	4.1829e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	-7.7515e+02	2.6554e+01	-9.1905e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-6.3261e+02	1.7537e+02	-3.9235e+02
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	1.0015e+03	-1.8060e+00	8.6559e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	4.2647e+02	-5.1362e+02	8.1174e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	2.7650e+03	6.1595e+02	5.4785e+02
	548	0.0000e+00	0.0000e+00	0.0000e+00	1.2696e+02	6.2397e+02	-1.7733e+02
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	3.4315e+02	-1.5870e+02	5.8457e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	2.1645e+02	-7.8028e+01	2.5031e+02
	557	0.0000e+00	0.0000e+00	0.0000e+00	2.2606e+02	6.9850e+01	3.5001e+02
	547	0.0000e+00	0.0000e+00	0.0000e+00	7.2071e+02	-4.7070e+01	1.5816e+02
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	1.7781e+02	-8.5056e+01	6.6654e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	1.2860e+02	-5.3482e+01	1.3165e+02
	556	0.0000e+00	0.0000e+00	0.0000e+00	1.6765e+02	1.4700e+00	1.9183e+02
	546	0.0000e+00	0.0000e+00	0.0000e+00	2.6986e+02	-8.6441e+01	1.2683e+02
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	1.1710e+02	-7.1201e+01	3.4932e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	1.0129e+02	-4.2982e+01	5.8716e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	1.0897e+02	-2.4532e+01	9.9066e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	1.5735e+02	-7.6240e+01	7.5281e+01
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	9.9653e+01	-6.6601e+01	2.3988e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	9.1924e+01	-3.9277e+01	9.0562e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	9.4428e+01	-3.4587e+01	4.0149e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	1.1057e+02	-6.8852e+01	3.3483e+01
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	1.0928e+02	-6.7746e+01	-3.2220e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	9.2870e+01	-3.3643e+01	-3.7678e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	9.1643e+01	-3.9059e+01	-6.7145e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	9.9512e+01	-6.6285e+01	-1.2565e+00
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	1.5450e+02	-7.3671e+01	-7.3461e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	1.0562e+02	-2.2453e+01	-9.6007e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	9.9157e+01	-4.1606e+01	-5.6089e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	1.1552e+02	-6.9465e+01	-3.3544e+01
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	2.6581e+02	-8.2283e+01	-1.2385e+02
	550	0.0000e+00	0.0000e+00	0.0000e+00	1.6211e+02	4.3552e+00	-1.8760e+02
	551	0.0000e+00	0.0000e+00	0.0000e+00	1.2463e+02	-5.0942e+01	-1.2823e+02
	541	0.0000e+00	0.0000e+00	0.0000e+00	1.7470e+02	-8.1990e+01	-6.4476e+01
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	7.1069e+02	-4.1088e+01	-1.5298e+02
	549	0.0000e+00	0.0000e+00	0.0000e+00	2.2434e+02	7.4407e+01	-3.4407e+02
	550	0.0000e+00	0.0000e+00	0.0000e+00	2.1053e+02	-7.5364e+01	-2.4640e+02
	540	0.0000e+00	0.0000e+00	0.0000e+00	3.3887e+02	-1.5346e+02	-5.5304e+01
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	1.7229e+02	6.4020e+02	1.8743e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	2.6968e+03	6.1430e+02	-5.3312e+02
	549	0.0000e+00	0.0000e+00	0.0000e+00	4.2130e+02	-5.0038e+02	-7.9571e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	9.9331e+02	-6.0774e+00	-7.5157e+01

2032	536	0.0000e+00	0.0000e+00	0.0000e+00	2.3240e+02	1.6843e+02	-8.3635e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	5.4718e+02	1.8332e+02	-1.0079e+02
	548	0.0000e+00	0.0000e+00	0.0000e+00	5.2321e+02	3.8724e+02	-3.5188e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	2.2180e+02	2.7213e+02	-1.8041e+01
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	2.6051e+02	-8.2703e+01	-3.5208e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	3.0715e+02	-8.6225e+01	4.5550e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	4.3511e+02	-1.0169e+02	-4.3861e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	2.9549e+02	7.1983e+01	-1.2461e+02
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	1.7353e+02	-9.6106e+01	-6.2379e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	1.8437e+02	-9.3481e+01	6.2586e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	2.8461e+02	-9.1973e+01	4.4739e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	2.1199e+02	-5.3975e+01	-2.4051e+01
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	1.1630e+02	-9.2112e+01	7.4117e-01
	544	0.0000e+00	0.0000e+00	0.0000e+00	1.2578e+02	-8.2721e+01	3.5405e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	1.6536e+02	-8.1454e+01	4.0198e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	1.4693e+02	-8.1556e+01	5.3245e+00
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	9.5325e+01	-8.6410e+01	-2.4638e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	1.0573e+02	-7.6186e+01	8.2877e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	1.1720e+02	-7.6002e+01	1.8015e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	1.0541e+02	-8.5053e+01	7.2854e+00
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	1.0448e+02	-8.3659e+01	-7.3092e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	1.1603e+02	-7.4699e+01	-1.7123e+01
	543	0.0000e+00	0.0000e+00	0.0000e+00	1.0555e+02	-7.5938e+01	-7.4813e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	9.5243e+01	-8.6074e+01	2.3352e+00
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	1.4470e+02	-7.8311e+01	-5.0090e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	1.6273e+02	-7.8578e+01	-3.8817e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	1.2419e+02	-8.0889e+01	-3.4339e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	1.1518e+02	-9.0024e+01	-6.2915e-01
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	2.0802e+02	-4.8551e+01	2.5079e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	2.7992e+02	-8.7499e+01	-4.2238e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	1.8119e+02	-8.9931e+01	-6.0763e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	1.7103e+02	-9.2158e+01	6.5677e+00
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	2.8598e+02	8.0267e+01	1.2689e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	4.3069e+02	-9.4984e+01	4.8168e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	3.0187e+02	-8.0822e+01	-4.2737e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	2.5595e+02	-7.5912e+01	3.5993e+01
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	2.0931e+02	2.8026e+02	2.0274e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	4.9738e+02	3.9773e+02	4.7275e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	5.3947e+02	1.8798e+02	1.1158e+02
	528	0.0000e+00	0.0000e+00	0.0000e+00	2.2165e+02	1.7801e+02	8.4576e+01
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	6.3688e+01	1.0682e+02	-6.5354e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	2.1585e+02	1.3312e+02	-8.2112e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	1.8648e+02	2.1416e+02	-3.2165e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	5.9829e+01	1.4149e+02	-1.5428e+01
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	9.4894e+01	-4.8842e+00	-6.4465e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	1.9688e+02	-3.9806e+01	-7.3014e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	1.8504e+02	5.4759e+01	-9.4132e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	8.9843e+01	6.1699e+01	-8.5576e+01
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	8.6413e+01	-6.3019e+01	-4.2694e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	1.4050e+02	-7.9875e+01	-1.9101e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	1.8195e+02	-6.2253e+01	-4.9222e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	9.2423e+01	-1.9386e+01	-7.2816e+01
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	6.4775e+01	-7.8615e+01	-2.1085e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	1.0088e+02	-8.8357e+01	-1.3301e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	1.2975e+02	-8.6249e+01	-1.8954e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	7.5454e+01	-6.0819e+01	-3.8821e+01
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	5.3818e+01	-7.9159e+01	-3.7267e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	8.5443e+01	-8.7700e+01	3.5981e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	9.5396e+01	-8.8198e+01	-7.3367e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	5.8219e+01	-7.5095e+01	-1.4635e+01
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	5.7838e+01	-7.3653e+01	1.3758e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	9.4589e+01	-8.6642e+01	7.0390e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	8.5361e+01	-8.7455e+01	-3.8730e+00

	521	0.0000e+00	0.0000e+00	0.0000e+00	5.3793e+01	-7.8825e+01	2.8634e+00
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	7.4312e+01	-5.7496e+01	3.7809e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	1.2776e+02	-8.2791e+01	1.8769e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	9.9857e+01	-8.6263e+01	1.1355e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	6.4282e+01	-7.6459e+01	2.0112e+01
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	8.9832e+01	-1.3970e+01	7.1468e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	1.7788e+02	-5.6616e+01	4.9313e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	1.3814e+02	-7.5721e+01	1.9291e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	8.4973e+01	-5.8850e+01	4.1450e+01
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	8.4587e+01	6.9196e+01	8.3160e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	1.7765e+02	6.3271e+01	9.4112e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	1.9227e+02	-3.2956e+01	7.3617e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	9.1551e+01	1.7836e+00	6.2671e+01
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	5.2549e+01	1.5117e+02	1.2198e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	1.7297e+02	2.2450e+02	3.2274e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	2.0704e+02	1.4177e+02	8.2705e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	5.8079e+01	1.1516e+02	6.2613e+01
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	-5.8319e+01	5.8162e+01	-4.9770e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	5.2118e+01	8.0085e+01	-5.7621e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	4.1649e+01	1.1132e+02	-2.6668e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-6.1350e+01	7.1936e+01	-1.8841e+01
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	-4.2595e+01	8.6264e+00	-6.2443e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	6.2112e+01	-2.6047e+00	-7.6283e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	4.3142e+01	4.9773e+01	-7.6380e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-4.7837e+01	3.8802e+01	-6.2531e+01
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	3.4863e+01	-3.2195e+01	-5.0381e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	5.4154e+01	-5.1776e+01	-5.1816e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	5.4850e+01	-2.4967e+01	-7.1189e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	3.7626e+01	-6.1536e+00	-6.9743e+01
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	3.4233e+01	-5.1709e+01	-2.8007e+01
	522	0.0000e+00	0.0000e+00	0.0000e+00	4.1459e+01	-7.1097e+01	-2.3532e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	4.9315e+01	-6.2597e+01	-4.6086e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	3.4639e+01	-3.7304e+01	-5.0553e+01
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	3.5287e+01	-5.6194e+01	-2.9936e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	3.5649e+01	-7.5669e+01	-6.6597e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	3.9125e+01	-7.4468e+01	-2.1696e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	3.5081e+01	-5.2210e+01	-2.4055e+01
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	3.5122e+01	-5.0979e+01	2.2998e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	3.8955e+01	-7.2876e+01	2.0710e+01
	521	0.0000e+00	0.0000e+00	0.0000e+00	3.5703e+01	-7.5491e+01	3.7182e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	3.5282e+01	-5.5914e+01	2.1186e+00
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	3.4865e+01	-3.4544e+01	4.8908e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	4.8686e+01	-5.9132e+01	4.4724e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	4.1356e+01	-6.9120e+01	2.2607e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	3.4312e+01	-4.9879e+01	2.6804e+01
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	3.8221e+01	-1.8424e+00	6.6897e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	5.3116e+01	-1.9413e+01	6.9080e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	5.3464e+01	-4.7854e+01	5.0573e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	3.5197e+01	-2.8722e+01	4.8403e+01
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	-4.9418e+01	4.4537e+01	5.7709e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	4.0098e+01	5.7360e+01	7.2904e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	6.0079e+01	3.5402e+00	7.4218e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	4.3433e+01	1.3799e+01	5.9034e+01
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	-6.3912e+01	7.8792e+01	1.1087e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	3.4938e+01	1.2082e+02	2.1364e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	4.8132e+01	8.8416e+01	5.4547e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	-6.0524e+01	6.4726e+01	4.4222e+01
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.4599e+02	2.5073e+01	-3.9062e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-7.4459e+01	4.0457e+01	-4.3886e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-8.0626e+01	5.2552e+01	-2.4711e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.4945e+02	3.0135e+01	-1.9911e+01
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.3404e+02	6.5573e+00	-5.2796e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	-6.3063e+01	2.6533e+00	-6.3010e+01

	514	0.0000e+00	0.0000e+00	0.0000e+00	-7.7641e+01	2.8357e+01	-5.9455e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.3890e+02	1.7434e+01	-4.9228e+01
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.2184e+02	-1.2993e+01	-4.6096e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-5.7312e+01	-2.9186e+01	-5.3185e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	-6.5960e+01	-1.0014e+01	-6.5591e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.2684e+02	-1.8621e+00	-5.8482e+01
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.1438e+02	-2.5377e+01	-2.6500e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	-5.6623e+01	-4.6205e+01	-2.9376e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-5.9077e+01	-3.7381e+01	-4.9920e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.1784e+02	-1.7770e+01	-4.7027e+01
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.1149e+02	-2.9461e+01	-1.5675e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	-5.7127e+01	-5.1699e+01	-2.3377e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	-5.7365e+01	-4.9840e+01	-2.5224e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.1293e+02	-2.7067e+01	-2.4416e+01
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.1197e+02	-2.6214e+01	2.4126e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	-5.7149e+01	-4.8466e+01	2.4322e+01
	510	0.0000e+00	0.0000e+00	0.0000e+00	-5.6988e+01	-5.1638e+01	1.7017e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.1136e+02	-2.9289e+01	1.6790e+00
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.1586e+02	-1.5966e+01	4.5886e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	-5.8656e+01	-3.4542e+01	4.8272e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	-5.6153e+01	-4.4709e+01	2.8430e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.1320e+02	-2.4165e+01	2.6075e+01
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.2396e+02	9.1058e-01	5.5704e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	-6.5605e+01	-5.6939e+00	6.2516e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	-5.6704e+01	-2.6230e+01	5.1414e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.1970e+02	-1.0789e+01	4.4630e+01
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.3540e+02	2.0420e+01	4.3815e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	-7.7732e+01	3.4029e+01	5.4051e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	-6.2604e+01	6.9489e+00	5.9681e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.3111e+02	9.5374e+00	4.9460e+01
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.4492e+02	3.2962e+01	1.0755e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	-8.2744e+01	5.9198e+01	1.5966e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	-7.4620e+01	4.6102e+01	3.8226e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.4258e+02	2.8444e+01	3.2922e+01
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	-2.3386e+02	-2.8364e+00	-3.0996e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.6477e+02	1.1992e+01	-3.5333e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.7014e+02	1.5454e+01	-2.1381e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-2.3783e+02	-4.2004e+00	-1.7081e+01
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	-2.2462e+02	2.4522e+00	-4.3692e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.5534e+02	6.8580e-01	-5.0408e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.6640e+02	8.1575e+00	-4.7623e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-2.2780e+02	-1.8343e+00	-4.0885e+01
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	-2.1200e+02	3.5224e+00	-3.7808e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.4691e+02	-1.3259e+01	-4.5243e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.5690e+02	-5.5660e+00	-5.5330e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-2.1761e+02	1.7610e+00	-4.7857e+01
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	-2.0088e+02	6.4172e+00	-2.0723e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.4107e+02	-2.2185e+01	-2.6493e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.4723e+02	-1.7892e+01	-4.4292e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-2.0672e+02	4.4644e+00	-3.8481e+01
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.9523e+02	8.2095e+00	6.7079e-01
	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.3847e+02	-2.5884e+01	-2.0776e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.4071e+02	-2.4921e+01	-2.2652e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-1.9812e+02	7.3584e+00	-2.0099e+01
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	-1.9627e+02	6.8909e+00	2.1661e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.3957e+02	-2.3939e+01	2.2845e+01
	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.3816e+02	-2.5949e+01	2.5649e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.9497e+02	8.1404e+00	1.7716e+00
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	-2.0267e+02	3.7124e+00	3.9169e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.4466e+02	-1.6052e+01	4.3584e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.3930e+02	-2.1359e+01	2.6563e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	-1.9851e+02	5.8304e+00	2.2216e+01
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	-2.1121e+02	1.6381e+00	4.6875e+01

	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.5296e+02	-3.0416e+00	5.2910e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.4371e+02	-1.1664e+01	4.4249e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	-2.0745e+02	2.9841e+00	3.8264e+01
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	-2.1885e+02	-2.7268e+00	3.7247e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.6110e+02	1.0983e+01	4.2468e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.5076e+02	1.6280e+00	4.7493e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	-2.1772e+02	2.9666e+00	4.2291e+01
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	-2.2548e+02	-5.0258e+00	9.8723e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.6404e+02	1.7975e+01	1.2405e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.5887e+02	1.4165e+01	2.9535e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	-2.2436e+02	-3.6587e+00	2.6820e+01
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	-3.2885e+02	-2.2530e+01	-2.4525e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-2.5365e+02	-1.2058e+01	-2.8696e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-2.5970e+02	-1.5106e+01	-1.5008e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-3.3249e+02	-3.1709e+01	-1.1074e+01
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	-3.1758e+02	1.7955e+00	-3.4489e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-2.4682e+02	-3.3744e+00	-3.9631e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-2.5573e+02	-9.1627e+00	-3.9613e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-3.2071e+02	-1.4213e+01	-3.4407e+01
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	-2.9803e+02	1.3734e+01	-2.4740e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-2.3689e+02	4.2660e+00	-3.4432e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-2.4686e+02	-3.8406e+00	-4.5312e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-3.0922e+02	7.0090e+00	-3.5462e+01
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.7968e+02	1.5967e+01	-1.0387e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-2.2635e+02	6.7701e+00	-1.9630e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-2.3452e+02	5.7441e+00	-3.4437e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-2.9145e+02	1.5070e+01	-2.4952e+01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	-2.7061e+02	1.5692e+01	3.6048e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	-2.2052e+02	8.1258e+00	-9.5111e-01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-2.2411e+02	7.9158e+00	-1.6264e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.7596e+02	1.5815e+01	-1.1902e+01
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	-2.7343e+02	1.5613e+01	1.6326e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	-2.2211e+02	7.4590e+00	1.8648e+01
	488	0.0000e+00	0.0000e+00	0.0000e+00	-2.2009e+02	8.0964e+00	3.4977e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	-2.7023e+02	1.5519e+01	1.8791e+00
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	-2.8580e+02	1.4418e+01	2.8703e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	-2.2997e+02	4.9111e+00	3.5999e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	-2.2346e+02	6.2681e+00	2.1846e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	-2.7637e+02	1.5409e+01	1.4783e+01
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	-2.9999e+02	5.5364e+00	3.7915e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	-2.3953e+02	-3.0314e+00	4.5288e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	-2.3138e+02	3.4284e+00	3.5622e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	-2.9155e+02	1.2656e+01	2.8408e+01
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	-3.0726e+02	-1.7161e+01	3.4743e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	-2.4517e+02	-9.6721e+00	3.7055e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	-2.3841e+02	-3.8473e+00	3.8993e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	-3.0740e+02	-7.8145e-01	3.6731e+01
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	-3.1335e+02	-3.6815e+01	8.7182e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	-2.4576e+02	-1.6930e+01	9.0508e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	-2.4188e+02	-1.3767e+01	2.5355e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	-3.1425e+02	-2.6377e+01	2.4609e+01
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	-4.4270e+02	-4.4748e+01	-1.9308e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-3.4837e+02	-3.5450e+01	-2.2387e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-3.5593e+02	-4.7751e+01	-6.7779e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	-4.4424e+02	-7.0784e+01	-6.5183e+00
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	-4.1332e+02	1.2929e+01	-1.7404e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-3.4324e+02	7.5692e-01	-2.5844e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-3.5360e+02	-2.3411e+01	-3.4419e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-4.2626e+02	-1.8265e+01	-2.4776e+01
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	-3.6901e+02	2.4349e+01	-1.0928e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-3.2306e+02	1.7267e+01	-1.8404e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-3.3783e+02	3.0758e+00	-3.1307e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-4.0091e+02	2.0598e+01	-1.2856e+01

2095	467	0.0000e+00	0.0000e+00	0.0000e+00	-3.3578e+02	2.3559e+01	1.1716e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-3.0101e+02	1.8790e+01	-8.7101e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	-3.1451e+02	1.3065e+01	-1.7207e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-3.5946e+02	2.4978e+01	-8.1606e+00
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	-3.2145e+02	2.1944e+01	8.0489e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	-2.8980e+02	1.7108e+01	8.4303e-01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.9561e+02	1.5778e+01	-5.1950e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	-3.3048e+02	2.2563e+01	4.5352e+00
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	-3.2769e+02	2.2174e+01	6.8017e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	-2.9300e+02	1.5556e+01	1.0501e+01
	477	0.0000e+00	0.0000e+00	0.0000e+00	-2.8931e+02	1.6840e+01	4.8752e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	-3.2100e+02	2.1677e+01	2.0200e+00
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	-3.5316e+02	2.3818e+01	1.0693e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	-3.0857e+02	1.2254e+01	2.2119e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	-2.9738e+02	1.8010e+01	1.3936e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-3.3207e+02	2.2586e+01	7.5487e+00
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	-3.9042e+02	1.8278e+01	1.8514e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	-3.2803e+02	1.6945e+00	3.5211e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	-3.1597e+02	1.5790e+01	2.2931e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-3.6166e+02	2.2441e+01	1.0991e+01
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	-4.1036e+02	-2.3137e+01	3.0488e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	-3.3910e+02	-2.6526e+01	3.6440e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	-3.3204e+02	-2.2149e+00	2.9089e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-4.0160e+02	9.5965e+00	2.3863e+01
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	-4.2149e+02	-7.8576e+01	8.3204e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	-3.3587e+02	-5.3256e+01	6.4200e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	-3.3231e+02	-4.0143e+01	2.3622e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	-4.2517e+02	-5.0687e+01	2.4819e+01
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	-6.0914e+02	-5.6940e+01	-1.4047e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-4.6402e+02	-5.6827e+01	-1.3648e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-4.7288e+02	-9.5274e+01	-7.3538e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	-6.2483e+02	-1.2078e+02	1.8236e+01
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	-4.8044e+02	3.0764e+01	6.4236e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-4.4733e+02	2.9420e+01	-1.4340e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-4.7579e+02	-3.0215e+01	-2.9555e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	-5.6187e+02	3.7984e+01	3.1674e+01
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	-3.9245e+02	2.6393e+01	6.6559e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-3.8894e+02	3.1631e+01	1.8381e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-4.2038e+02	1.2945e+01	-1.6275e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	-4.6110e+02	2.9903e+01	6.2071e+01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	-3.4282e+02	1.9200e+01	4.2030e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-3.4574e+02	2.4876e+01	1.2963e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-3.6976e+02	2.0311e+01	2.2969e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	-3.7822e+02	1.9577e+01	5.1694e+01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	-3.2396e+02	2.0250e+01	1.2947e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-3.2757e+02	2.1056e+01	2.7846e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	-3.3657e+02	2.0238e+01	1.6594e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-3.3557e+02	2.0005e+01	2.6713e+01
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	-3.3315e+02	1.9683e+01	-1.6958e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-3.3383e+02	1.9736e+01	-9.6905e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	-3.2710e+02	2.0831e+01	6.1251e+00
	450	0.0000e+00	0.0000e+00	0.0000e+00	-3.2354e+02	2.0004e+01	2.9641e+00
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	-3.7270e+02	1.8453e+01	-4.1640e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-3.6352e+02	1.8946e+01	-1.6695e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-3.4201e+02	2.3869e+01	7.6479e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	-3.3953e+02	1.8043e+01	-3.1817e+01
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	-4.5185e+02	2.7734e+01	-5.1799e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-4.1002e+02	1.0305e+01	1.4240e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-3.8157e+02	2.9668e+01	1.3490e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-3.8592e+02	2.4098e+01	-5.6112e+01
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	-5.4869e+02	3.4518e+01	2.3229e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	-4.5947e+02	-3.5261e+01	3.7803e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-4.3565e+02	2.5946e+01	1.3491e+01



	444	0.0000e+00	0.0000e+00	0.0000e+00	-4.6994e+02	2.7420e+01	-5.3693e+01
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	-5.9968e+02	-1.2983e+02	9.3254e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	-4.4932e+02	-1.0267e+02	6.7713e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	-4.4555e+02	-6.3957e+01	1.9389e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	-5.9383e+02	-6.3259e+01	1.8485e+01
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	-6.3397e+02	1.7185e+02	3.8720e+02
	458	0.0000e+00	0.0000e+00	0.0000e+00	-7.7709e+02	2.4521e+01	8.6869e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	-5.2509e+02	-2.0352e+02	-4.4705e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.4948e+03	-1.1557e+02	2.5647e+02
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	-4.1612e+02	3.5907e+01	2.1922e+02
	456	0.0000e+00	0.0000e+00	0.0000e+00	-5.0018e+02	6.6733e+01	7.7688e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	-6.6193e+02	9.9534e+00	1.0771e+02
	459	0.0000e+00	0.0000e+00	0.0000e+00	-5.4051e+02	-4.4680e+01	2.4936e+02
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	-3.1716e+02	-5.4248e+01	1.3629e+02
	454	0.0000e+00	0.0000e+00	0.0000e+00	-3.7868e+02	2.5974e+01	6.9447e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	-4.5813e+02	2.1977e+01	1.0828e+02
	457	0.0000e+00	0.0000e+00	0.0000e+00	-3.7286e+02	-1.4908e+01	1.7515e+02
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	-2.6979e+02	-6.0776e+01	7.2422e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-3.2369e+02	1.8583e+01	3.9949e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	-3.6405e+02	1.6279e+01	7.7066e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	-2.9505e+02	-1.8523e+01	1.0953e+02
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	-2.5233e+02	-5.5725e+01	1.6127e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-3.0532e+02	2.2481e+01	5.8967e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	-3.1833e+02	2.1149e+01	4.1275e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	-2.6010e+02	-4.1787e+01	5.1568e+01
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	-2.5891e+02	-4.1251e+01	-3.8935e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-3.1613e+02	2.0808e+01	-3.0116e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-3.0501e+02	2.2402e+01	5.8802e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	-2.5206e+02	-5.6239e+01	-3.7683e+00
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	-2.9223e+02	-1.8861e+01	-9.6363e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-3.5905e+02	1.4974e+01	-6.5604e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-3.2091e+02	1.7805e+01	-2.8933e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-2.6799e+02	-6.0991e+01	-5.9599e+01
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	-3.6803e+02	-1.7173e+01	-1.6100e+02
	444	0.0000e+00	0.0000e+00	0.0000e+00	-4.4973e+02	1.9344e+01	-9.6248e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-3.7316e+02	2.3980e+01	-5.8191e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-3.1355e+02	-5.4122e+01	-1.2284e+02
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	-5.3299e+02	-4.6944e+01	-2.3361e+02
	442	0.0000e+00	0.0000e+00	0.0000e+00	-6.4905e+02	-9.2528e+00	-9.4860e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-4.9131e+02	6.3641e+01	-6.6057e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	-4.1021e+02	3.5461e+01	-2.0455e+02
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.4708e+03	-1.2547e+02	-2.3763e+02
	441	0.0000e+00	0.0000e+00	0.0000e+00	-5.2189e+02	-2.1580e+02	6.0767e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	-7.6489e+02	-2.5610e+01	-7.2298e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	-6.2448e+02	1.6922e+02	-3.6957e+02
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	9.9331e+02	-5.9257e+00	7.5169e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	4.2139e+02	-5.0036e+02	7.9568e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	2.6969e+03	6.1470e+02	5.3320e+02
	431	0.0000e+00	0.0000e+00	0.0000e+00	1.7221e+02	6.4025e+02	-1.8731e+02
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	3.3889e+02	-1.5342e+02	5.5291e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	2.1057e+02	-7.5330e+01	2.4639e+02
	440	0.0000e+00	0.0000e+00	0.0000e+00	2.2439e+02	7.4480e+01	3.4407e+02
	430	0.0000e+00	0.0000e+00	0.0000e+00	7.1072e+02	-4.1009e+01	1.5297e+02
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	1.7471e+02	-8.1972e+01	6.4466e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	1.2464e+02	-5.0925e+01	1.2823e+02
	439	0.0000e+00	0.0000e+00	0.0000e+00	1.6214e+02	4.3861e+00	1.8760e+02
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.6583e+02	-8.2248e+01	1.2383e+02
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	1.1551e+02	-6.9456e+01	3.3536e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	9.9161e+01	-4.1598e+01	5.6087e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	1.0563e+02	-2.2438e+01	9.6003e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	1.5450e+02	-7.3653e+01	7.3452e+01
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	9.9500e+01	-6.6283e+01	1.2490e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	9.1637e+01	-3.9056e+01	6.7120e+00

	437	0.0000e+00	0.0000e+00	0.0000e+00	9.2871e+01	-3.3635e+01	3.7675e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	1.0927e+02	-6.7737e+01	3.2212e+01
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	1.1055e+02	-6.8856e+01	-3.3491e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	9.4413e+01	-3.4590e+01	-4.0152e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	9.1916e+01	-3.9275e+01	-9.0591e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	9.9638e+01	-6.6599e+01	-2.4056e+00
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	1.5733e+02	-7.6256e+01	-7.5291e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	1.0894e+02	-2.4545e+01	-9.9070e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	1.0127e+02	-4.2987e+01	-5.8719e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	1.1707e+02	-7.1206e+01	-3.4941e+01
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	2.6983e+02	-8.6477e+01	-1.2684e+02
	433	0.0000e+00	0.0000e+00	0.0000e+00	1.6761e+02	1.4534e+00	-1.9183e+02
	434	0.0000e+00	0.0000e+00	0.0000e+00	1.2857e+02	-5.3497e+01	-1.3166e+02
	424	0.0000e+00	0.0000e+00	0.0000e+00	1.7778e+02	-8.5072e+01	-6.6665e+01
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	7.2068e+02	-4.7152e+01	-1.5818e+02
	432	0.0000e+00	0.0000e+00	0.0000e+00	2.2599e+02	6.9773e+01	-3.5002e+02
	433	0.0000e+00	0.0000e+00	0.0000e+00	2.1640e+02	-7.8063e+01	-2.5031e+02
	423	0.0000e+00	0.0000e+00	0.0000e+00	3.4312e+02	-1.5874e+02	-5.8472e+01
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	1.2702e+02	6.2391e+02	1.7746e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	2.7649e+03	6.1553e+02	-5.4776e+02
	432	0.0000e+00	0.0000e+00	0.0000e+00	4.2637e+02	-5.1364e+02	-8.1177e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	1.0015e+03	1.6566e+00	-8.6548e+01
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	2.2162e+02	1.7806e+02	-8.4567e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	5.3946e+02	1.8809e+02	-1.1156e+02
	431	0.0000e+00	0.0000e+00	0.0000e+00	4.9739e+02	3.9775e+02	-4.7222e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	2.0929e+02	2.8029e+02	-2.0236e+01
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	2.5593e+02	-7.5872e+01	-3.5999e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	3.0188e+02	-8.0776e+01	4.2718e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	4.3067e+02	-9.4922e+01	-4.8175e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	2.8596e+02	8.0310e+01	-1.2689e+02
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	1.7101e+02	-9.2137e+01	-6.5793e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	1.8119e+02	-8.9909e+01	6.0750e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.7992e+02	-8.7467e+01	4.2224e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	2.0801e+02	-4.8519e+01	-2.5091e+01
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	1.1516e+02	-9.0014e+01	6.3264e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	1.2418e+02	-8.0879e+01	3.4328e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	1.6273e+02	-7.8562e+01	3.8806e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.4468e+02	-7.8292e+01	4.9968e+00
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	9.5208e+01	-8.6072e+01	-2.3485e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	1.0553e+02	-7.5935e+01	7.4717e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	1.1602e+02	-7.4692e+01	1.7113e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	1.0445e+02	-8.3650e+01	7.2972e+00
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	1.0537e+02	-8.5059e+01	-7.2972e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	1.1718e+02	-7.6006e+01	-1.8025e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	1.0572e+02	-7.6185e+01	-8.2968e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	9.5287e+01	-8.6409e+01	2.4476e+00
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	1.4689e+02	-8.1573e+01	-5.3363e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	1.6534e+02	-8.1468e+01	-4.0211e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	1.2575e+02	-8.2728e+01	-3.5416e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	1.1626e+02	-9.2119e+01	-7.1624e-01
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	2.1197e+02	-5.4009e+01	2.4037e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	2.8459e+02	-9.2004e+01	-4.4754e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	1.8435e+02	-9.3501e+01	-6.2600e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.7350e+02	-9.6126e+01	6.2206e+00
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	2.9547e+02	7.1936e+01	1.2462e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	4.3511e+02	-1.0176e+02	4.3852e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	3.0713e+02	-8.6271e+01	-4.5571e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	2.6050e+02	-8.2745e+01	3.5200e+01
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	2.2178e+02	2.7210e+02	1.8078e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	5.2319e+02	3.8721e+02	3.5242e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	5.4718e+02	1.8321e+02	1.0081e+02
	411	0.0000e+00	0.0000e+00	0.0000e+00	2.3239e+02	1.6837e+02	8.3641e+01
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	5.7967e+01	1.1518e+02	-6.2602e+01

	419	0.0000e+00	0.0000e+00	0.0000e+00	2.0701e+02	1.4180e+02	-8.2686e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	1.7295e+02	2.2452e+02	-3.2244e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	5.2436e+01	1.5118e+02	-1.2179e+01
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	9.1471e+01	1.8110e+00	-6.2673e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	1.9224e+02	-3.2923e+01	-7.3621e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	1.7762e+02	6.3310e+01	-9.4105e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	8.4503e+01	6.9220e+01	-8.3151e+01
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	8.4888e+01	-5.8830e+01	-4.1459e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.3811e+02	-7.5699e+01	-1.9303e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	1.7785e+02	-5.6585e+01	-4.9321e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	8.9751e+01	-1.3946e+01	-7.1472e+01
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	6.4167e+01	-7.6448e+01	-2.0125e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	9.9819e+01	-8.6251e+01	-1.1597e+00
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.2773e+02	-8.2773e+01	-1.8781e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	7.4215e+01	-5.7480e+01	-3.7820e+01
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	5.3643e+01	-7.8822e+01	-2.8838e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	8.5310e+01	-8.7452e+01	3.8623e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	9.4546e+01	-8.6634e+01	-7.0514e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	5.7707e+01	-7.3645e+01	-1.3770e+01
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	5.8062e+01	-7.5101e+01	1.4622e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	9.5343e+01	-8.8203e+01	7.3227e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	8.5390e+01	-8.7700e+01	-3.6070e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	5.3663e+01	-7.9159e+01	3.7080e+00
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	7.5315e+01	-6.0834e+01	3.8808e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.2971e+02	-8.6265e+01	1.8940e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	1.0082e+02	-8.8366e+01	1.2923e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	6.4628e+01	-7.8624e+01	2.1070e+01
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	9.2293e+01	-1.9412e+01	7.2809e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.8191e+02	-6.2284e+01	4.9212e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.4046e+02	-7.9896e+01	1.9085e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	8.6289e+01	-6.3038e+01	4.2682e+01
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	8.9688e+01	6.1671e+01	8.5583e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.8501e+02	5.4716e+01	9.4137e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.9684e+02	-3.9841e+01	7.3008e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	9.4765e+01	-4.9135e+00	6.4459e+01
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	5.9551e+01	1.4148e+02	1.5442e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.8642e+02	2.1414e+02	3.2193e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	2.1582e+02	1.3309e+02	8.2130e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	6.3455e+01	1.0679e+02	6.5360e+01
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	-6.0330e+01	6.4738e+01	-4.4218e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	4.7970e+01	8.8434e+01	-5.4535e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	3.4738e+01	1.2083e+02	-2.1349e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-6.3736e+01	7.8797e+01	-1.1084e+01
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	4.3142e+01	1.3817e+01	-5.9036e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	5.9940e+01	3.5630e+00	-7.4218e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	3.9903e+01	5.7381e+01	-7.2897e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-4.9172e+01	4.4551e+01	-5.7704e+01
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	3.4810e+01	-2.8706e+01	-4.8412e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	5.3303e+01	-4.7836e+01	-5.0581e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	5.2957e+01	-1.9391e+01	-6.9084e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	3.7878e+01	-1.8251e+00	-6.6899e+01
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	3.3880e+01	-4.9868e+01	-2.6818e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	4.1137e+01	-6.9109e+01	-2.2621e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	4.8507e+01	-5.9116e+01	-4.4734e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	3.4461e+01	-3.4530e+01	-4.8917e+01
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	3.4811e+01	-5.5910e+01	-2.1684e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	3.5425e+01	-7.5488e+01	-4.4061e-01
	405	0.0000e+00	0.0000e+00	0.0000e+00	3.8717e+01	-7.2868e+01	-2.0723e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	3.4686e+01	-5.0971e+01	-2.3010e+01
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	3.4534e+01	-5.2214e+01	2.4044e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	3.8836e+01	-7.4472e+01	2.1683e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	3.5358e+01	-7.5669e+01	6.2169e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	3.4798e+01	-5.6193e+01	2.9692e+00

2158	391	0.0000e+00	0.0000e+00	0.0000e+00	3.3989e+01	-3.7317e+01	5.0541e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	4.9049e+01	-6.2611e+01	4.6074e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	4.1172e+01	-7.1105e+01	2.3516e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	3.3651e+01	-5.1716e+01	2.7990e+01
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	3.6921e+01	-6.1753e+00	6.9735e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	5.4571e+01	-2.4990e+01	7.1182e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	5.3899e+01	-5.1793e+01	5.1803e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	3.4192e+01	-3.2210e+01	5.0366e+01
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	-4.7194e+01	3.8784e+01	6.2530e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	4.2722e+01	4.9749e+01	7.6383e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	6.1853e+01	-2.6373e+00	7.6279e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-4.1949e+01	8.6089e+00	6.2433e+01
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	-6.0794e+01	7.1925e+01	1.8837e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	4.1144e+01	1.1131e+02	2.6679e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	5.1757e+01	8.0063e+01	5.7628e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	-5.7775e+01	5.8145e+01	4.9766e+01
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.4243e+02	2.8453e+01	-3.2929e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-7.4431e+01	4.6114e+01	-3.8224e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-8.2581e+01	5.9202e+01	-1.5964e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.4478e+02	3.2965e+01	-1.0773e+01
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.3094e+02	9.5520e+00	-4.9469e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	-6.2363e+01	6.9644e+00	-5.9683e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-7.7549e+01	3.4043e+01	-5.4050e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.3524e+02	2.0432e+01	-4.3820e+01
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.1950e+02	-1.0768e+01	-4.4643e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-5.6421e+01	-2.6214e+01	-5.1423e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	-6.5374e+01	-5.6744e+00	-6.2520e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.2378e+02	9.1244e-01	-5.5712e+01
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.1297e+02	-2.4146e+01	-2.6097e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-5.5842e+01	-4.4696e+01	-2.8444e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-5.8378e+01	-3.4527e+01	-4.8281e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.1565e+02	-1.5946e+01	-4.5899e+01
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.1110e+02	-2.9276e+01	-1.8138e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	-5.6645e+01	-5.1632e+01	-1.7626e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	-5.6835e+01	-4.8456e+01	-2.4336e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.1173e+02	-2.6197e+01	-2.4143e+01
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.1263e+02	-2.7063e+01	2.4402e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	-5.6973e+01	-4.9841e+01	2.5211e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	-5.6771e+01	-5.1696e+01	2.3215e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.1122e+02	-2.9451e+01	1.5233e+00
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.1750e+02	-1.7778e+01	4.7008e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	-5.8628e+01	-3.7392e+01	4.9906e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	-5.6205e+01	-4.6211e+01	2.9359e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.1408e+02	-2.5378e+01	2.6473e+01
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.2647e+02	-1.8972e+00	5.8463e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-6.5484e+01	-1.0033e+01	6.5580e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	-5.6824e+01	-2.9200e+01	5.3170e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.2150e+02	-1.3007e+01	4.6069e+01
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.3851e+02	1.7415e+01	4.9210e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	-7.7172e+01	2.8342e+01	5.9450e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-6.2539e+01	2.6496e+00	6.2999e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.3368e+02	6.5461e+00	5.2771e+01
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.4905e+02	3.0116e+01	1.9884e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-8.0119e+01	5.2542e+01	2.4706e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	-7.3949e+01	4.0442e+01	4.3877e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.4561e+02	2.5054e+01	3.9038e+01
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	-2.2422e+02	-3.6748e+00	-2.6850e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.5872e+02	1.4177e+01	-2.9548e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.6390e+02	1.7978e+01	-1.2426e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-2.2534e+02	-5.0089e+00	-9.9307e+00
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	-2.1757e+02	2.9928e+00	-4.2317e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.5059e+02	1.6473e+00	-4.7504e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.6095e+02	1.0995e+01	-4.2477e+01

	375	0.0000e+00	0.0000e+00	0.0000e+00	-2.1870e+02	-2.7500e+00	-3.7271e+01
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.0728e+02	2.8867e+00	-3.8296e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.4353e+02	-1.1636e+01	-4.4265e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.5279e+02	-3.0125e+00	-5.2922e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-2.1105e+02	1.6259e+00	-4.6897e+01
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.9831e+02	5.6982e+00	-2.2265e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.3909e+02	-2.1331e+01	-2.6587e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.4447e+02	-1.6025e+01	-4.3600e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.0249e+02	3.5947e+00	-3.9198e+01
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.9474e+02	8.0239e+00	-2.0265e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.3792e+02	-2.5925e+01	-2.6537e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.3935e+02	-2.3914e+01	-2.2868e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.9606e+02	6.7719e+00	-2.1698e+01
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.9786e+02	7.2652e+00	2.0071e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.4045e+02	-2.4908e+01	2.2633e+01
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.3822e+02	-2.5867e+01	2.0819e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.9499e+02	8.1082e+00	-6.0267e-01
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	-2.0643e+02	4.4202e+00	3.8436e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.4693e+02	-1.7893e+01	4.4267e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.4079e+02	-2.2181e+01	2.6465e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-2.0062e+02	6.3456e+00	2.0662e+01
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	-2.1728e+02	1.7934e+00	4.7805e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.5656e+02	-5.5862e+00	5.5304e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.4659e+02	-1.3271e+01	4.5213e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-2.1171e+02	3.5139e+00	3.7744e+01
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	-2.2744e+02	-1.6888e+00	4.0829e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.6603e+02	8.1388e+00	4.7599e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.5498e+02	7.5570e-01	5.0377e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-2.2430e+02	2.4528e+00	4.3628e+01
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.3745e+02	-4.0009e+00	1.7005e+01
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.6973e+02	1.5428e+01	2.1352e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.6438e+02	1.1965e+01	3.5296e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-2.3350e+02	-2.6527e+00	3.0925e+01
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	-3.1412e+02	-2.6371e+01	-2.4680e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-2.4173e+02	-1.3766e+01	-2.5397e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-2.4562e+02	-1.6921e+01	-9.1249e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	-3.1322e+02	-3.6803e+01	-8.8549e+00
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	-3.0726e+02	-8.8126e-01	-3.6791e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-2.3825e+02	-3.8484e+00	-3.9027e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-2.4502e+02	-9.6715e+00	-3.7085e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-3.0711e+02	-1.7159e+01	-3.4798e+01
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.9139e+02	1.2604e+01	-2.8491e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.3121e+02	3.2969e+00	-3.5662e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-2.3937e+02	-2.9857e+00	-4.5318e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.9984e+02	5.5235e+00	-3.7973e+01
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.7619e+02	1.5295e+01	-1.4919e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-2.2327e+02	6.0939e+00	-2.1902e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.2980e+02	4.7738e+00	-3.6038e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.8564e+02	1.4350e+01	-2.8780e+01
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	-2.7002e+02	1.5371e+01	-2.2915e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	-2.1988e+02	7.9270e+00	-3.6231e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-2.2191e+02	7.3023e+00	-1.8704e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.7324e+02	1.5491e+01	-1.6422e+01
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.7573e+02	1.5695e+01	1.1809e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-2.2387e+02	7.7819e+00	1.6212e+01
	371	0.0000e+00	0.0000e+00	0.0000e+00	-2.2030e+02	7.9780e+00	1.0732e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-2.7040e+02	1.5557e+01	-3.6155e+00
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.9120e+02	1.5014e+01	2.4815e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-2.3425e+02	5.6781e+00	3.4372e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-2.2610e+02	6.6639e+00	1.9566e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.7944e+02	1.5877e+01	1.0174e+01
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	-3.0893e+02	7.0094e+00	3.5320e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-2.4655e+02	-3.8683e+00	4.5243e+01

	369	0.0000e+00	0.0000e+00	0.0000e+00	-2.3660e+02	4.2462e+00	3.4356e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.9777e+02	1.3706e+01	2.4558e+01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	-3.2038e+02	-1.4183e+01	3.4265e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-2.5538e+02	-9.1508e+00	3.9543e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-2.4649e+02	-3.4039e+00	3.9548e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-3.1729e+02	1.8182e+00	3.4326e+01
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	-3.3215e+02	-3.1648e+01	1.0852e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.5931e+02	-1.5053e+01	1.4916e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-2.5328e+02	-1.2018e+01	2.8600e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-3.2853e+02	-2.2484e+01	2.4352e+01
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	-4.2507e+02	-5.0675e+01	-2.4944e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-3.3217e+02	-4.0135e+01	-2.3711e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-3.3574e+02	-5.3244e+01	-6.6185e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	-4.2138e+02	-7.8554e+01	-8.5726e+00
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	-4.0149e+02	9.6130e+00	-2.4023e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-3.3190e+02	-2.2502e+00	-2.9177e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-3.3896e+02	-2.6521e+01	-3.6504e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-4.1025e+02	-2.3132e+01	-3.0602e+01
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	-3.6153e+02	2.2365e+01	-1.1352e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-3.1583e+02	1.5735e+01	-2.3048e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-3.2789e+02	1.5591e+00	-3.5287e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-3.9030e+02	1.8272e+01	-1.8724e+01
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	-3.3192e+02	2.2410e+01	-7.9778e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.9722e+02	1.7885e+01	-1.4092e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-3.0842e+02	1.2143e+01	-2.2241e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-3.5303e+02	2.3724e+01	-1.1049e+01
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	-3.2084e+02	2.1444e+01	-2.5841e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-2.8912e+02	1.6665e+01	-5.0268e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.9283e+02	1.5394e+01	-1.0689e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-3.2754e+02	2.1983e+01	-7.1919e+00
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	-3.3029e+02	2.2374e+01	-4.0679e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.9540e+02	1.5623e+01	4.8812e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-2.8961e+02	1.6947e+01	-1.1738e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-3.2128e+02	2.1728e+01	-8.0763e+00
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	-3.5927e+02	2.4891e+01	7.4009e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	-3.1428e+02	1.2982e+01	1.6958e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	-3.0080e+02	1.8688e+01	8.4635e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	-3.3560e+02	2.3411e+01	-1.1422e+01
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	-4.0070e+02	2.0583e+01	1.2131e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-3.3757e+02	3.1024e+00	3.1108e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-3.2282e+02	1.7233e+01	1.8150e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-3.6881e+02	2.4295e+01	1.0243e+01
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	-4.2603e+02	-1.8206e+01	2.4393e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-3.5330e+02	-2.3396e+01	3.4250e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-3.4297e+02	8.4412e-01	2.5607e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-4.1312e+02	1.2924e+01	1.6827e+01
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	-4.4398e+02	-7.0704e+01	5.8459e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	-3.5559e+02	-4.7701e+01	6.4159e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	-3.4805e+02	-3.5411e+01	2.2155e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-4.4247e+02	-4.4693e+01	1.8906e+01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	-5.9379e+02	-6.3216e+01	-1.8744e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-4.4546e+02	-6.3938e+01	-1.9577e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-4.4922e+02	-1.0264e+02	-7.0801e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	-5.9963e+02	-1.2980e+02	-9.6651e+00
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	-4.6987e+02	2.7458e+01	5.3799e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-4.3556e+02	2.5965e+01	-1.3807e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-4.5938e+02	-3.5254e+01	-3.7912e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	-5.4863e+02	3.4553e+01	-2.3450e+01
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	-3.8585e+02	2.3991e+01	5.6217e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-3.8146e+02	2.9603e+01	-1.3817e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-4.0993e+02	1.0276e+01	-1.4559e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	-4.5178e+02	2.7671e+01	5.1914e+01
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	-3.3943e+02	1.7651e+01	3.1963e+01

	350	0.0000e+00	0.0000e+00	0.0000e+00	-3.4187e+02	2.3674e+01	-8.0950e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	-3.6341e+02	1.8798e+01	1.6968e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	-3.7261e+02	1.8126e+01	4.1779e+01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	-3.2344e+02	1.9519e+01	-3.4562e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-3.2695e+02	2.0548e+01	-6.2987e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	-3.3369e+02	1.9476e+01	1.0033e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-3.3306e+02	1.9230e+01	1.7198e+01
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	-3.3546e+02	1.9548e+01	-2.6594e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-3.3641e+02	1.9996e+01	-1.6426e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	-3.2741e+02	2.0784e+01	-3.0129e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-3.2386e+02	1.9811e+01	-1.2992e+01
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	-3.7811e+02	1.9285e+01	-5.1524e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-3.6960e+02	2.0195e+01	-2.2650e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-3.4557e+02	2.4705e+01	-1.2708e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-3.4272e+02	1.8893e+01	-4.1926e+01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	-4.6100e+02	2.9844e+01	-6.1853e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-4.2020e+02	1.2934e+01	1.5583e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-3.8876e+02	3.1575e+01	-1.7970e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-3.9234e+02	2.6320e+01	-6.6414e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	-5.6177e+02	3.7952e+01	-3.1189e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-4.7561e+02	-3.0172e+01	2.9143e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-4.4715e+02	2.9405e+01	1.3597e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-4.8035e+02	3.0737e+01	-6.4023e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	-6.2474e+02	-1.2065e+02	-1.7893e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-4.7265e+02	-9.5188e+01	6.8106e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	-4.6380e+02	-5.6757e+01	1.2934e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-6.0906e+02	-5.6795e+01	1.3083e+01
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	-6.2445e+02	1.6913e+02	3.6958e+02
	341	0.0000e+00	0.0000e+00	0.0000e+00	-7.6488e+02	-2.5607e+01	7.2333e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	-5.2182e+02	-2.1575e+02	-6.0850e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-1.4708e+03	-1.2495e+02	2.3763e+02
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	-4.1018e+02	3.4750e+01	2.0458e+02
	339	0.0000e+00	0.0000e+00	0.0000e+00	-4.9127e+02	6.3666e+01	6.6130e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	-6.4902e+02	-9.3450e+00	9.4904e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	-5.3296e+02	-4.6592e+01	2.3363e+02
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	-3.1352e+02	-5.3598e+01	1.2289e+02
	337	0.0000e+00	0.0000e+00	0.0000e+00	-3.7310e+02	2.3842e+01	5.8277e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	-4.4967e+02	1.9286e+01	9.6304e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	-3.6801e+02	-1.7165e+01	1.6104e+02
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	-2.6797e+02	-6.0569e+01	5.9677e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-3.2084e+02	1.7351e+01	2.9065e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	-3.5898e+02	1.4579e+01	6.5685e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	-2.9221e+02	-1.8772e+01	9.6425e+01
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	-2.5204e+02	-5.5920e+01	4.1745e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-3.0494e+02	2.1945e+01	-6.0905e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	-3.1606e+02	2.0348e+01	3.0240e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	-2.5888e+02	-4.0991e+01	3.9039e+01
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.6009e+02	-4.1617e+01	-5.1517e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-3.1824e+02	2.0732e+01	-4.1216e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-3.0525e+02	2.2031e+01	-6.0502e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-2.5231e+02	-5.5342e+01	-1.6175e+01
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-2.9505e+02	-1.8553e+01	-1.0946e+02
	329	0.0000e+00	0.0000e+00	0.0000e+00	-3.6396e+02	1.5992e+01	-7.6984e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-3.2362e+02	1.8195e+01	-3.9880e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.6978e+02	-6.0287e+01	-7.2371e+01
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-3.7287e+02	-1.4364e+01	-1.7509e+02
	327	0.0000e+00	0.0000e+00	0.0000e+00	-4.5805e+02	2.1941e+01	-1.0820e+02
	329	0.0000e+00	0.0000e+00	0.0000e+00	-3.7862e+02	2.5870e+01	-6.9359e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-3.1715e+02	-5.3627e+01	-1.3623e+02
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-5.4053e+02	-4.3400e+01	-2.4932e+02
	325	0.0000e+00	0.0000e+00	0.0000e+00	-6.6188e+02	9.7210e+00	-1.0765e+02
	327	0.0000e+00	0.0000e+00	0.0000e+00	-5.0015e+02	6.6709e+01	-7.7589e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-4.1613e+02	3.5023e+01	-2.1917e+02

2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.4949e+03	-1.1426e+02	-2.5647e+02
	324	0.0000e+00	0.0000e+00	0.0000e+00	-5.2490e+02	-2.0339e+02	4.4547e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-7.7707e+02	2.4076e+01	-8.6832e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	-6.3399e+02	1.7172e+02	-3.8720e+02
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	1.0012e+03	-1.7921e+00	8.6566e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	4.2565e+02	-5.1385e+02	8.1193e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	2.7645e+03	6.1580e+02	5.4792e+02
	314	0.0000e+00	0.0000e+00	0.0000e+00	1.2657e+02	6.2395e+02	-1.7745e+02
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	3.4260e+02	-1.5874e+02	5.8651e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	2.1533e+02	-7.8149e+01	2.5066e+02
	323	0.0000e+00	0.0000e+00	0.0000e+00	2.2513e+02	6.9681e+01	3.5026e+02
	313	0.0000e+00	0.0000e+00	0.0000e+00	7.2031e+02	-4.7123e+01	1.5825e+02
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	1.7703e+02	-8.4913e+01	6.7056e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	1.2713e+02	-5.3417e+01	1.3224e+02
	322	0.0000e+00	0.0000e+00	0.0000e+00	1.6643e+02	1.2126e+00	1.9230e+02
	312	0.0000e+00	0.0000e+00	0.0000e+00	2.6925e+02	-8.6385e+01	1.2712e+02
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	1.1605e+02	-7.0746e+01	3.5534e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	9.9448e+01	-4.2584e+01	5.9536e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	1.0741e+02	-2.4369e+01	9.9787e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	1.5651e+02	-7.5965e+01	7.5785e+01
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	9.8275e+01	-6.5669e+01	3.1604e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	8.9658e+01	-3.8364e+01	1.0100e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	9.2499e+01	-3.4046e+01	4.1121e+01
	310	0.0000e+00	0.0000e+00	0.0000e+00	1.0944e+02	-6.8217e+01	3.4182e+01
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	1.0749e+02	-6.6128e+01	-3.1354e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	9.0117e+01	-3.1995e+01	-3.6464e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	8.9289e+01	-3.7934e+01	-5.5406e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	9.8037e+01	-6.5112e+01	-4.6305e-01
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	1.5219e+02	-7.1113e+01	-7.2595e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	1.0224e+02	-1.9836e+01	-9.4669e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	9.6307e+01	-3.9643e+01	-5.4716e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	1.1361e+02	-6.7539e+01	-3.2642e+01
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	2.6216e+02	-7.8552e+01	-1.2310e+02
	316	0.0000e+00	0.0000e+00	0.0000e+00	1.5846e+02	8.1356e+00	-1.8618e+02
	317	0.0000e+00	0.0000e+00	0.0000e+00	1.2114e+02	-4.7925e+01	-1.2679e+02
	307	0.0000e+00	0.0000e+00	0.0000e+00	1.7219e+02	-7.8950e+01	-6.3708e+01
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	7.1027e+02	-3.5931e+01	-1.5242e+02
	315	0.0000e+00	0.0000e+00	0.0000e+00	2.1421e+02	7.8850e+01	-3.4221e+02
	316	0.0000e+00	0.0000e+00	0.0000e+00	2.0643e+02	-7.0149e+01	-2.4401e+02
	306	0.0000e+00	0.0000e+00	0.0000e+00	3.3501e+02	-1.4998e+02	-5.4220e+01
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	1.0943e+02	6.4163e+02	1.8907e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	2.7573e+03	6.2556e+02	-5.3512e+02
	315	0.0000e+00	0.0000e+00	0.0000e+00	4.1366e+02	-5.0421e+02	-8.0419e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	9.9133e+02	1.3018e+01	-8.0004e+01
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	2.3248e+02	1.6851e+02	-8.3688e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	5.4694e+02	1.8335e+02	-1.0083e+02
	314	0.0000e+00	0.0000e+00	0.0000e+00	5.2301e+02	3.8724e+02	-3.5306e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	2.2187e+02	2.7221e+02	-1.8168e+01
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	2.6063e+02	-8.2537e+01	-3.5089e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	3.0677e+02	-8.6123e+01	4.5704e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	4.3483e+02	-1.0170e+02	-4.3807e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	2.9561e+02	7.2114e+01	-1.2459e+02
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	1.7359e+02	-9.5761e+01	-5.9544e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	1.8381e+02	-9.3187e+01	6.2939e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	2.8420e+02	-9.1850e+01	4.5003e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	2.1209e+02	-5.3730e+01	-2.3842e+01
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	1.1622e+02	-9.1491e+01	1.2201e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	1.2499e+02	-8.2113e+01	3.5944e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	1.6477e+02	-8.1104e+01	4.0676e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.4695e+02	-8.1101e+01	5.7296e+00
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	9.5026e+01	-8.5391e+01	-2.0046e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	1.0465e+02	-7.5110e+01	8.9644e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	1.1637e+02	-7.5291e+01	1.8688e+01



	300	0.0000e+00	0.0000e+00	0.0000e+00	1.0526e+02	-8.4282e+01	7.8230e+00
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	1.0393e+02	-8.2091e+01	-6.8452e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	1.1458e+02	-7.2966e+01	-1.6399e+01
	309	0.0000e+00	0.0000e+00	0.0000e+00	1.0442e+02	-7.4697e+01	-6.6688e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	9.4870e+01	-8.4854e+01	2.9118e+00
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	1.4379e+02	-7.6007e+01	-4.8032e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	1.6073e+02	-7.5962e+01	-3.8188e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	1.2269e+02	-7.8903e+01	-3.3478e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	1.1454e+02	-8.8191e+01	-1.4676e-01
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	2.0616e+02	-4.5303e+01	2.4735e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	2.7739e+02	-8.3706e+01	-4.1935e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	1.7911e+02	-8.6970e+01	-6.0062e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	1.6995e+02	-8.9449e+01	6.6074e+00
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	2.8500e+02	8.4770e+01	1.2582e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	4.2406e+02	-9.0303e+01	4.8392e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	2.9891e+02	-7.6500e+01	-4.1862e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	2.5392e+02	-7.2704e+01	3.5563e+01
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	2.0252e+02	2.9013e+02	1.9054e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	5.0477e+02	4.0449e+02	4.2483e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	5.3464e+02	1.9747e+02	1.0728e+02
	295	0.0000e+00	0.0000e+00	0.0000e+00	2.1992e+02	1.8341e+02	8.3848e+01
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	6.3539e+01	1.0707e+02	-6.5293e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	2.1605e+02	1.3332e+02	-8.2146e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	1.8659e+02	2.1427e+02	-3.2271e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	5.9557e+01	1.4169e+02	-1.5459e+01
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	9.5223e+01	-4.5508e+00	-6.4242e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	1.9712e+02	-3.9502e+01	-7.2881e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	1.8524e+02	5.4934e+01	-9.4081e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	9.0023e+01	6.1989e+01	-8.5432e+01
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	8.6823e+01	-6.2500e+01	-4.2321e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.4071e+02	-7.9381e+01	-1.8806e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	1.8220e+02	-6.1949e+01	-4.8986e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	9.2776e+01	-1.8970e+01	-7.2499e+01
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	6.4976e+01	-7.7884e+01	-2.0627e+01
	300	0.0000e+00	0.0000e+00	0.0000e+00	1.0095e+02	-8.7588e+01	-1.2201e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.2996e+02	-8.5736e+01	-1.8544e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	7.5760e+01	-6.0220e+01	-3.8357e+01
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	5.3707e+01	-7.8163e+01	-3.4661e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	8.5333e+01	-8.6551e+01	4.1452e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	9.5475e+01	-8.7380e+01	-6.8085e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	5.8257e+01	-7.4260e+01	-1.4113e+01
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	5.7647e+01	-7.2332e+01	1.4072e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	9.4295e+01	-8.4986e+01	7.4256e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	8.5263e+01	-8.6218e+01	-3.3117e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	5.3611e+01	-7.7692e+01	3.4549e+00
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	7.4136e+01	-5.5767e+01	3.7561e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	1.2716e+02	-8.0471e+01	1.8771e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	9.9581e+01	-8.4461e+01	1.5265e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	6.4145e+01	-7.4958e+01	2.0301e+01
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	8.9086e+01	-1.1675e+01	7.0242e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	1.7677e+02	-5.3430e+01	4.8595e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	1.3752e+02	-7.3164e+01	1.9297e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	8.4767e+01	-5.6858e+01	4.0944e+01
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	8.2178e+01	7.2553e+01	8.0595e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	1.7488e+02	6.7533e+01	9.2728e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	1.9089e+02	-2.9603e+01	7.3060e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	9.0507e+01	4.3597e+00	6.0927e+01
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	4.3790e+01	1.5561e+02	5.9875e+00
	195	0.0000e+00	0.0000e+00	0.0000e+00	1.6800e+02	2.3188e+02	2.8899e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	2.0424e+02	1.4797e+02	8.1538e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	5.3327e+01	1.1991e+02	5.8620e+01
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	-5.5154e+01	5.8593e+01	-4.9452e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	5.1625e+01	8.0453e+01	-5.7491e+01

	294	0.0000e+00	0.0000e+00	0.0000e+00	4.0718e+01	1.1155e+02	-2.6626e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-5.8644e+01	7.2270e+01	-1.8653e+01
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	-3.8253e+01	9.1909e+00	-6.1944e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	6.2014e+01	-2.0815e+00	-7.5985e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	4.2339e+01	5.0106e+01	-7.6163e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-4.4125e+01	3.9261e+01	-6.2108e+01
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	2.9424e+01	-3.1497e+01	-4.9734e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	5.3982e+01	-5.1100e+01	-5.1372e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	5.4622e+01	-2.4489e+01	-7.0795e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	3.2811e+01	-5.5533e+00	-6.9132e+01
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	2.7901e+01	-5.0890e+01	-2.7316e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	4.0749e+01	-7.0212e+01	-2.3026e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	4.9024e+01	-6.1948e+01	-4.5540e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	2.8934e+01	-3.6567e+01	-4.9797e+01
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	2.8020e+01	-5.5296e+01	-3.1425e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	3.4324e+01	-7.4545e+01	-1.4942e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	3.8277e+01	-7.3609e+01	-2.1085e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	2.8536e+01	-5.1350e+01	-2.3275e+01
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	2.6705e+01	-5.0078e+01	2.3450e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	3.7641e+01	-7.1484e+01	2.0984e+01
	289	0.0000e+00	0.0000e+00	0.0000e+00	3.4365e+01	-7.4390e+01	-1.1424e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	2.7760e+01	-5.4976e+01	3.1901e+00
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	2.5197e+01	-3.3733e+01	4.8523e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	4.7618e+01	-5.7430e+01	4.4320e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	4.0221e+01	-6.7739e+01	2.2870e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	2.5589e+01	-4.8930e+01	2.7075e+01
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	2.7868e+01	-1.2263e+00	6.5025e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	5.1419e+01	-1.7303e+01	6.7463e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	5.2625e+01	-4.6112e+01	5.0106e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	2.5394e+01	-2.7819e+01	4.7668e+01
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	-4.0043e+01	4.4908e+01	5.3189e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	3.5025e+01	6.0331e+01	6.9238e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	5.8624e+01	5.8007e+00	7.2554e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	-3.3908e+01	1.4648e+01	5.6506e+01
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	-5.8490e+01	7.8423e+01	2.0195e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	2.7876e+01	1.2487e+02	1.3767e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	4.3766e+01	9.1442e+01	5.0151e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	-5.2962e+01	6.5788e+01	3.8385e+01
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.4270e+02	2.5738e+01	-3.8388e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-7.1236e+01	4.1018e+01	-4.3459e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-7.7941e+01	5.2922e+01	-2.4407e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.4665e+02	3.0637e+01	-1.9428e+01
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.2990e+02	7.3614e+00	-5.1880e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-5.8932e+01	3.3043e+00	-6.2380e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-7.4298e+01	2.8863e+01	-5.8922e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.3531e+02	1.8115e+01	-4.8404e+01
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.1674e+02	-1.1987e+01	-4.5009e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-5.2299e+01	-2.8305e+01	-5.2400e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-6.1708e+01	-9.3182e+00	-6.4861e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.2237e+02	-8.8351e-01	-5.7417e+01
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.0823e+02	-2.4353e+01	-2.5411e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-5.0786e+01	-4.5204e+01	-2.8558e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-5.3881e+01	-3.6582e+01	-4.9041e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.1242e+02	-1.6780e+01	-4.5789e+01
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.0420e+02	-2.8585e+01	-3.3622e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	-5.0392e+01	-5.0649e+01	-2.8090e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	-5.1252e+01	-4.8958e+01	-2.4327e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.0649e+02	-2.6090e+01	-2.3170e+01
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.0344e+02	-2.5751e+01	2.5171e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	-4.9375e+01	-4.7481e+01	2.4859e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-4.9866e+01	-5.0760e+01	3.1830e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.0382e+02	-2.8516e+01	3.7177e+00
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.0604e+02	-1.6277e+01	4.5905e+01

	277	0.0000e+00	0.0000e+00	0.0000e+00	-4.9880e+01	-3.3763e+01	4.7869e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	-4.7862e+01	-4.3960e+01	2.8858e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.0448e+02	-2.3867e+01	2.6898e+01
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.1297e+02	-9.4163e-01	5.3922e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	-5.6338e+01	-5.2780e+00	6.0431e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	-4.7275e+01	-2.5762e+01	5.0800e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.0986e+02	-1.1312e+01	4.4292e+01
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.2331e+02	1.7099e+01	3.8952e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	-6.8905e+01	3.3928e+01	4.9084e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	-5.2628e+01	7.0395e+00	5.7193e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.2035e+02	7.7957e+00	4.7062e+01
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.3339e+02	2.6935e+01	8.4416e-01
	173	0.0000e+00	0.0000e+00	0.0000e+00	-7.3062e+01	5.8210e+01	6.1714e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	-6.5135e+01	4.5377e+01	3.2216e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.3099e+02	2.5046e+01	2.6860e+01
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.3007e+02	-3.5954e+00	-2.9981e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.6130e+02	1.2839e+01	-3.4535e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.6723e+02	1.6014e+01	-2.0774e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.3462e+02	-4.2582e+00	-1.6420e+01
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.1988e+02	3.6298e+00	-4.2308e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.5102e+02	7.7693e-01	-4.9322e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.6272e+02	8.9269e+00	-4.6668e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.2368e+02	-2.6303e+00	-3.9623e+01
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	-2.0616e+02	2.4288e+00	-3.6232e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.4167e+02	-1.1996e+01	-4.3966e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.5235e+02	-4.5211e+00	-5.4125e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.1251e+02	2.0598e+00	-4.6268e+01
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.9376e+02	3.9579e+00	-1.9301e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.3477e+02	-2.0874e+01	-2.5209e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.4169e+02	-1.6765e+01	-4.2917e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-2.0051e+02	2.4548e+00	-3.6684e+01
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.8664e+02	6.1039e+00	-5.4903e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.3098e+02	-2.4750e+01	-3.5474e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.3404e+02	-2.3843e+01	-2.1316e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.9064e+02	5.1056e+00	-1.8360e+01
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	-1.8600e+02	5.5780e+00	2.3826e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.3075e+02	-2.3302e+01	2.4138e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.3021e+02	-2.5171e+01	5.0318e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.8603e+02	6.3856e+00	5.0891e+00
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	-1.9045e+02	3.4858e+00	4.0274e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.3439e+02	-1.6335e+01	4.3818e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.2992e+02	-2.1248e+01	2.7635e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-1.8793e+02	4.9644e+00	2.4098e+01
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	-1.9668e+02	-2.5289e+00	4.6267e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.4114e+02	-4.7945e+00	5.1309e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.3276e+02	-1.2705e+01	4.4115e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-1.9497e+02	2.5940e+00	3.9072e+01
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	-2.0144e+02	-7.1494e+00	3.3737e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.4779e+02	7.2035e+00	3.7756e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.3813e+02	-1.3513e+00	4.5245e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-2.0300e+02	-1.7888e+00	4.1228e+01
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	-2.0589e+02	-1.3566e+01	1.4441e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.4787e+02	1.1260e+01	2.6023e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.4460e+02	8.8589e+00	2.3527e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	-2.0682e+02	-7.8499e+00	2.2362e+01
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	-3.2478e+02	-2.1447e+01	-2.3466e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.4972e+02	-1.1239e+01	-2.7604e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.5643e+02	-1.4403e+01	-1.4390e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-3.2904e+02	-3.0741e+01	-1.1208e+01
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	-3.1246e+02	3.3975e+00	-3.2848e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.4194e+02	-2.2813e+00	-3.8105e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.5156e+02	-8.3779e+00	-3.8238e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-3.1626e+02	-1.3215e+01	-3.2865e+01

2284	251	0.0000e+00	0.0000e+00	0.0000e+00	-2.9165e+02	1.4408e+01	-2.3246e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-2.3092e+02	2.9695e+00	-3.2696e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-2.4169e+02	-2.1726e+00	-4.3610e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-3.0370e+02	8.0036e+00	-3.3595e+01
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.7180e+02	1.5688e+01	-1.0618e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.1908e+02	4.2789e+00	-1.8045e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-2.2817e+02	3.3676e+00	-3.2587e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-2.8465e+02	1.5367e+01	-2.3115e+01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.6099e+02	1.4497e+01	9.5285e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.1172e+02	5.4406e+00	-5.1343e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.1638e+02	5.3227e+00	-1.4742e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.6765e+02	1.5144e+01	-1.0849e+01
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	-2.6177e+02	1.3883e+01	2.0003e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-2.1152e+02	5.5901e+00	2.1193e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.1074e+02	5.8524e+00	7.3904e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.6017e+02	1.4124e+01	6.6994e+00
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	-2.7164e+02	1.1774e+01	3.1335e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-2.1725e+02	4.7575e+00	3.7543e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-2.1221e+02	4.8258e+00	2.4070e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	-2.6425e+02	1.3502e+01	1.7876e+01
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	-2.8260e+02	2.2315e+00	3.9357e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-2.2416e+02	-6.9212e+00	4.5278e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-2.1782e+02	3.5770e+00	3.6690e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-2.7689e+02	9.5120e+00	3.0762e+01
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	-2.8539e+02	-2.6560e+01	3.4232e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	-2.2654e+02	-1.6652e+01	3.4368e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-2.2193e+02	-9.2224e+00	3.8175e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-2.8943e+02	-6.9146e+00	3.8043e+01
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	-2.8680e+02	-5.2286e+01	4.1005e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	-2.2192e+02	-2.8228e+01	1.6853e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	-2.2178e+02	-2.2692e+01	2.1166e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-2.9168e+02	-3.7239e+01	2.3589e+01
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	-4.3889e+02	-4.3138e+01	-1.9083e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-3.4428e+02	-3.4162e+01	-2.1474e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-3.5253e+02	-4.6671e+01	-8.5388e+00
	244	0.0000e+00	0.0000e+00	0.0000e+00	-4.4100e+02	-6.9384e+01	-1.0695e+01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	-4.0841e+02	1.4874e+01	-1.8062e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-3.3815e+02	2.4661e+00	-2.4539e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-3.4927e+02	-2.2206e+01	-3.2816e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-4.2204e+02	-1.6919e+01	-2.3914e+01
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	-3.6275e+02	2.5360e+01	-1.7410e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-3.1673e+02	1.8124e+01	-1.7536e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-3.3239e+02	2.6943e+00	-2.9591e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-3.9558e+02	2.2202e+01	-1.5312e+01
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	-3.2796e+02	2.3141e+01	1.9031e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.9318e+02	1.8599e+01	-9.7281e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	-3.0775e+02	1.2908e+01	-1.6431e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-3.5276e+02	2.5542e+01	-1.4763e+01
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	-3.1183e+02	2.0226e+01	1.5323e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.8020e+02	1.5780e+01	-7.7867e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.8727e+02	1.4685e+01	-8.3808e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	-3.2219e+02	2.1596e+01	-1.2699e+01
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	-3.1594e+02	1.9951e+01	1.0854e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	-2.8129e+02	1.3587e+01	1.4313e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.7913e+02	1.5168e+01	1.0502e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-3.1088e+02	1.9699e+01	7.8003e+00
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	-3.3877e+02	2.0753e+01	1.0948e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-2.9427e+02	9.6108e+00	2.4983e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	-2.8500e+02	1.5905e+01	1.7440e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-3.1977e+02	2.0169e+01	3.7658e+00
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	-3.7251e+02	1.2494e+01	2.0056e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-3.1030e+02	-6.4185e+00	3.7429e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-3.0081e+02	1.2305e+01	2.5333e+01

	237	0.0000e+00	0.0000e+00	0.0000e+00	-3.4661e+02	1.8695e+01	7.9843e+00
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	-3.8730e+02	-3.3505e+01	3.3734e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-3.1667e+02	-3.6289e+01	3.7463e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-3.1313e+02	-9.4233e+00	3.0397e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-3.8280e+02	3.1068e+00	2.6709e+01
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	-3.9133e+02	-9.6459e+01	9.2225e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	-3.0615e+02	-6.9005e+01	3.4453e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	-3.0792e+02	-5.2472e+01	2.2941e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-4.0096e+02	-6.3671e+01	2.8750e+01
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	-6.0634e+02	-5.4760e+01	-1.9468e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-4.6035e+02	-5.5046e+01	-1.5707e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-4.6991e+02	-9.3714e+01	-1.2679e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-6.2245e+02	-1.1872e+02	2.3706e+01
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	-4.7654e+02	3.3568e+01	7.0082e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-4.4268e+02	3.1586e+01	-2.0302e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-4.7196e+02	-2.8580e+01	-2.8400e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-5.5864e+02	4.0553e+01	3.7508e+01
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	-3.8733e+02	2.7789e+01	7.3169e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-3.8299e+02	3.2947e+01	2.5245e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-4.1537e+02	1.4466e+01	-2.2419e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-4.5681e+02	3.1580e+01	6.8190e+01
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	-3.3638e+02	1.6338e+01	4.9656e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-3.3827e+02	2.4408e+01	2.0750e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-3.6339e+02	2.0402e+01	2.9754e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-3.7271e+02	1.7577e+01	5.8731e+01
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	-3.1603e+02	1.4703e+01	2.1572e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-3.1837e+02	1.8829e+01	1.1191e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-3.2861e+02	1.8497e+01	2.4110e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-3.2874e+02	1.4894e+01	3.4913e+01
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	-3.2347e+02	1.4583e+01	-7.9891e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	-3.2258e+02	1.7056e+01	-2.8875e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	-3.1731e+02	1.8281e+01	1.3666e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-3.1521e+02	1.5043e+01	-8.3134e+00
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	-3.6081e+02	1.4785e+01	-3.0874e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-3.4972e+02	1.5883e+01	-5.6328e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	-3.3005e+02	2.1311e+01	3.8137e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	-3.2940e+02	1.4482e+01	-2.2433e+01
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	-4.3702e+02	2.3102e+01	-3.9471e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-3.9271e+02	5.5569e+00	6.4140e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	-3.6687e+02	2.5833e+01	1.9008e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	-3.7348e+02	2.0348e+01	-4.5228e+01
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	-5.2836e+02	2.4467e+01	7.2729e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	-4.3777e+02	-4.5814e+01	4.2874e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-4.1701e+02	1.8326e+01	7.6822e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	-4.5429e+02	1.9196e+01	-4.0595e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	-5.7671e+02	-1.4462e+02	9.8458e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	-4.1963e+02	-1.2115e+02	1.0521e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-4.2175e+02	-7.6689e+01	2.2350e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-5.7289e+02	-7.6597e+01	2.1864e+01
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	-6.3258e+02	1.7510e+02	3.9236e+02
	232	0.0000e+00	0.0000e+00	0.0000e+00	-7.7512e+02	2.6574e+01	9.1968e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-5.2263e+02	-2.0132e+02	-4.1983e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4944e+03	-1.1008e+02	2.6107e+02
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	-4.1401e+02	2.7644e+01	2.2535e+02
	230	0.0000e+00	0.0000e+00	0.0000e+00	-4.9706e+02	6.9585e+01	8.3710e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-6.5926e+02	1.2949e+01	1.1295e+02
	233	0.0000e+00	0.0000e+00	0.0000e+00	-5.3900e+02	-4.3128e+01	2.5488e+02
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	-3.1445e+02	-4.5963e+01	1.4332e+02
	228	0.0000e+00	0.0000e+00	0.0000e+00	-3.7439e+02	2.7067e+01	7.6256e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-4.5445e+02	2.3911e+01	1.1430e+02
	231	0.0000e+00	0.0000e+00	0.0000e+00	-3.7058e+02	-1.7109e+01	1.8153e+02
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	-2.6658e+02	-5.4143e+01	8.0446e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-3.1816e+02	1.3797e+01	4.7737e+01

	228	0.0000e+00	0.0000e+00	0.0000e+00	-3.5941e+02	1.2999e+01	8.3950e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	-2.9215e+02	-1.3790e+01	1.1683e+02
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.4861e+02	-5.1581e+01	2.5405e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.9838e+02	1.6635e+01	1.5057e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-3.1271e+02	1.5111e+01	4.9087e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-2.5659e+02	-3.5039e+01	5.9965e+01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-2.5454e+02	-4.0930e+01	-2.9190e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-3.0750e+02	1.6203e+01	-2.1475e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.9833e+02	1.6894e+01	1.4760e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.4787e+02	-4.8138e+01	-8.1163e+00
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-2.8689e+02	-2.3737e+01	-8.5034e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-3.4828e+02	1.2034e+01	-5.5650e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-3.1292e+02	1.3704e+01	-2.0227e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-2.6289e+02	-5.2078e+01	-4.9423e+01
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-3.6125e+02	-9.2232e+00	-1.4794e+02
	218	0.0000e+00	0.0000e+00	0.0000e+00	-4.3608e+02	1.4859e+01	-8.5138e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-3.6346e+02	2.0554e+01	-4.8298e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-3.0711e+02	-4.4761e+01	-1.1108e+02
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-5.2415e+02	-2.4988e+01	-2.1790e+02
	216	0.0000e+00	0.0000e+00	0.0000e+00	-6.3169e+02	-6.9749e+00	-8.1747e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-4.7928e+02	5.6668e+01	-5.4811e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-4.0183e+02	2.5359e+01	-1.9096e+02
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.4759e+03	-1.3142e+02	-2.1754e+02
	118	0.0000e+00	0.0000e+00	0.0000e+00	-4.7901e+02	-2.2904e+02	7.5355e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-7.4851e+02	-8.3777e+00	-6.1823e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	-6.1393e+02	1.6901e+02	-3.5471e+02
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	1.0648e+03	8.5683e+01	7.3740e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	4.5587e+02	-5.6728e+02	8.1008e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	2.7808e+03	7.0779e+02	5.5362e+02
	206	0.0000e+00	0.0000e+00	0.0000e+00	9.1081e+01	6.1391e+02	-1.8273e+02
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	3.9419e+02	-1.7182e+02	4.0407e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	2.4311e+02	-7.7592e+01	2.5627e+02
	215	0.0000e+00	0.0000e+00	0.0000e+00	2.2939e+02	1.0177e+02	3.4324e+02
	205	0.0000e+00	0.0000e+00	0.0000e+00	8.0399e+02	6.4228e+00	1.2737e+02
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	2.0321e+02	-8.3295e+01	5.7163e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	1.4000e+02	-5.4444e+01	1.4050e+02
	214	0.0000e+00	0.0000e+00	0.0000e+00	1.9396e+02	2.5673e+01	2.0161e+02
	204	0.0000e+00	0.0000e+00	0.0000e+00	3.0214e+02	-7.8712e+01	1.1826e+02
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	1.2663e+02	-6.8308e+01	2.7193e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	1.0632e+02	-3.9003e+01	5.9314e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	1.1706e+02	-9.6186e+00	1.0242e+02
	203	0.0000e+00	0.0000e+00	0.0000e+00	1.7482e+02	-7.4078e+01	7.0280e+01
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	9.7704e+01	-6.2106e+01	-5.2666e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	9.4749e+01	-3.5958e+01	7.0371e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	9.7808e+01	-2.3882e+01	3.8898e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	1.1618e+02	-6.7313e+01	2.7148e+01
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	9.1824e+01	-5.9757e+01	-3.6109e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	9.3832e+01	-3.3413e+01	-3.5189e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	9.2173e+01	-3.0994e+01	-8.5228e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	9.4989e+01	-6.2831e+01	-9.5311e+00
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	1.0412e+02	-5.7118e+01	-6.6035e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	1.0010e+02	-2.8164e+01	-7.4185e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	9.5023e+01	-3.4062e+01	-4.8851e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	9.4081e+01	-6.0101e+01	-4.0723e+01
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	1.3365e+02	-4.9717e+01	-9.4286e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	1.2212e+02	-1.5834e+01	-1.1502e+02
	209	0.0000e+00	0.0000e+00	0.0000e+00	1.0540e+02	-3.5714e+01	-8.9556e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	1.1221e+02	-5.6777e+01	-6.8836e+01
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	2.5039e+02	-1.3204e+01	-1.0769e+02
	207	0.0000e+00	0.0000e+00	0.0000e+00	1.1891e+02	1.0324e+01	-1.5221e+02
	208	0.0000e+00	0.0000e+00	0.0000e+00	1.3061e+02	-2.9122e+01	-1.2757e+02
	198	0.0000e+00	0.0000e+00	0.0000e+00	1.5687e+02	-6.1222e+01	-8.3059e+01
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	-3.1476e+01	1.2249e+02	-8.2802e+01

	12	0.0000e+00	0.0000e+00	0.0000e+00	6.5173e+02	1.4620e+02	-1.8094e+02
	207	0.0000e+00	0.0000e+00	0.0000e+00	1.5819e+02	-1.0715e+02	-2.3403e+02
	197	0.0000e+00	0.0000e+00	0.0000e+00	2.8942e+02	3.2731e+01	-1.3583e+02
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	2.0548e+02	1.9088e+02	-1.0331e+02
	205	0.0000e+00	0.0000e+00	0.0000e+00	5.3345e+02	2.7479e+02	-1.1934e+02
	206	0.0000e+00	0.0000e+00	0.0000e+00	5.0238e+02	3.7512e+02	-4.4116e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	2.0714e+02	2.9504e+02	-2.8088e+01
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	2.5978e+02	-4.9739e+01	-5.3216e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	3.2819e+02	-6.1602e+01	9.7219e+00
	205	0.0000e+00	0.0000e+00	0.0000e+00	4.2849e+02	-7.9510e+01	-7.8303e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	2.7483e+02	1.0040e+02	-1.4118e+02
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	1.8772e+02	-8.7890e+01	-2.6632e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	2.0272e+02	-8.4856e+01	4.6683e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	3.0441e+02	-8.9848e+01	2.2752e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	2.2038e+02	-3.4637e+01	-5.0555e+01
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	1.2488e+02	-9.1891e+01	-1.9992e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	1.3659e+02	-8.0200e+01	2.3528e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	1.8143e+02	-8.0141e+01	2.6607e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	1.5944e+02	-7.5219e+01	-1.6886e+01
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	9.1415e+01	-8.7333e+01	-2.5055e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	1.0518e+02	-7.4576e+01	-4.5295e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	1.2504e+02	-7.3721e+01	7.0299e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	1.0990e+02	-8.4166e+01	-1.4469e+01
2337	189	0.0000e+00	0.0000e+00	0.0000e+00	8.0904e+01	-8.2285e+01	-3.5002e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	9.7166e+01	-7.0032e+01	-3.0279e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	1.0061e+02	-7.0786e+01	-1.8451e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	8.5837e+01	-8.4395e+01	-2.3181e+01
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	8.9644e+01	-7.4021e+01	-4.4338e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	1.0765e+02	-6.5209e+01	-5.3246e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	9.8175e+01	-6.8886e+01	-4.3140e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	8.2446e+01	-8.2105e+01	-3.4254e+01
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	1.0977e+02	-5.4185e+01	-4.7447e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	1.4339e+02	-5.5176e+01	-6.9668e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	1.1410e+02	-6.5534e+01	-6.5906e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	9.7870e+01	-7.4737e+01	-4.3685e+01
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	1.6964e+02	5.4671e+00	-3.5025e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	1.6353e+02	-2.8367e+01	-6.4076e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	1.5277e+02	-4.6369e+01	-7.2234e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	1.2645e+02	-5.8347e+01	-4.3083e+01
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	-5.9149e+01	8.4303e+01	-6.7220e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	4.5648e+02	1.4317e+02	-8.7328e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	2.0348e+02	-1.5624e+01	-9.3432e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	1.6265e+02	5.7832e+01	-7.3323e+01
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	5.2340e+01	1.1913e+02	-6.7736e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	1.9919e+02	1.5263e+02	-8.9939e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	1.6484e+02	2.3555e+02	-3.7335e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	4.6281e+01	1.5438e+02	-1.5139e+01
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	8.5126e+01	1.5028e+01	-7.7174e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	1.9517e+02	-1.0626e+01	-9.2683e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	1.7712e+02	8.3126e+01	-1.0302e+02
	183	0.0000e+00	0.0000e+00	0.0000e+00	7.4930e+01	8.0177e+01	-8.7506e+01
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	8.5620e+01	-5.3495e+01	-6.4076e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	1.4671e+02	-6.6730e+01	-4.4942e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	1.8028e+02	-4.6540e+01	-7.0313e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	8.7104e+01	-4.8072e+00	-8.9453e+01
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	6.5324e+01	-8.0107e+01	-4.9438e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	1.0536e+02	-8.5569e+01	-2.7194e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	1.3496e+02	-8.2760e+01	-4.2238e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	7.6241e+01	-5.5386e+01	-6.4508e+01
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	4.8012e+01	-8.6827e+01	-4.0111e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	8.0282e+01	-8.8777e+01	-2.5523e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	9.7730e+01	-8.9544e+01	-3.1943e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	5.6808e+01	-7.7388e+01	-4.6561e+01

2347 178 0.0000e+00 0.0000e+00 0.0000e+00 4.0706e+01 -8.4781e+01 -3.4748e+01  
189 0.0000e+00 0.0000e+00 0.0000e+00 7.2049e+01 -8.6657e+01 -3.0063e+01  
190 0.0000e+00 0.0000e+00 0.0000e+00 7.6809e+01 -8.8731e+01 -3.2739e+01  
179 0.0000e+00 0.0000e+00 0.0000e+00 4.3888e+01 -8.4653e+01 -3.7423e+01

2348 177 0.0000e+00 0.0000e+00 0.0000e+00 4.3527e+01 -7.4528e+01 -3.0233e+01  
188 0.0000e+00 0.0000e+00 0.0000e+00 7.8287e+01 -7.9697e+01 -3.4347e+01  
189 0.0000e+00 0.0000e+00 0.0000e+00 7.2626e+01 -8.4585e+01 -3.7111e+01  
178 0.0000e+00 0.0000e+00 0.0000e+00 4.0997e+01 -8.3595e+01 -3.2941e+01

2349 176 0.0000e+00 0.0000e+00 0.0000e+00 4.9289e+01 -5.0476e+01 -2.4881e+01  
187 0.0000e+00 0.0000e+00 0.0000e+00 9.9487e+01 -6.0317e+01 -3.4410e+01  
188 0.0000e+00 0.0000e+00 0.0000e+00 8.2871e+01 -7.4477e+01 -3.9976e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 4.7105e+01 -7.2018e+01 -3.0267e+01

2350 175 0.0000e+00 0.0000e+00 0.0000e+00 8.1363e+01 5.3410e+00 -2.0962e+01  
186 0.0000e+00 0.0000e+00 0.0000e+00 9.2706e+01 -1.2794e+01 -2.7442e+01  
187 0.0000e+00 0.0000e+00 0.0000e+00 1.0616e+02 -4.3798e+01 -3.1131e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 5.4988e+01 -4.6653e+01 -2.4482e+01

2351 174 0.0000e+00 0.0000e+00 0.0000e+00 -1.2130e+02 5.2030e+01 -5.2129e+01  
185 0.0000e+00 0.0000e+00 0.0000e+00 3.1846e+02 1.0325e+02 -5.9545e+01  
186 0.0000e+00 0.0000e+00 0.0000e+00 1.1839e+02 -9.4967e+00 -6.0741e+01  
175 0.0000e+00 0.0000e+00 0.0000e+00 7.1509e+01 4.6469e+01 -5.3355e+01

2352 172 0.0000e+00 0.0000e+00 0.0000e+00 -5.4061e+01 6.1581e+01 -4.8114e+01  
183 0.0000e+00 0.0000e+00 0.0000e+00 4.0788e+01 9.1035e+01 -5.8998e+01  
184 0.0000e+00 0.0000e+00 0.0000e+00 2.5578e+01 1.2410e+02 -2.3939e+01  
173 0.0000e+00 0.0000e+00 0.0000e+00 -5.6496e+01 7.7107e+01 -1.3058e+01

2353 171 0.0000e+00 0.0000e+00 0.0000e+00 -3.7296e+01 1.3790e+01 -7.0501e+01  
182 0.0000e+00 0.0000e+00 0.0000e+00 5.4976e+01 1.1733e+01 -8.6690e+01  
183 0.0000e+00 0.0000e+00 0.0000e+00 3.5307e+01 6.6519e+01 -7.7544e+01  
172 0.0000e+00 0.0000e+00 0.0000e+00 -4.4966e+01 4.4523e+01 -6.1355e+01

2354 170 0.0000e+00 0.0000e+00 0.0000e+00 2.7615e+01 -3.2529e+01 -7.0475e+01  
181 0.0000e+00 0.0000e+00 0.0000e+00 5.1545e+01 -4.4324e+01 -7.4776e+01  
182 0.0000e+00 0.0000e+00 0.0000e+00 4.8850e+01 -1.2544e+01 -8.4752e+01  
171 0.0000e+00 0.0000e+00 0.0000e+00 -3.1552e+01 -3.4740e+00 -8.0452e+01

2355 169 0.0000e+00 0.0000e+00 0.0000e+00 2.6829e+01 -6.0709e+01 -5.9735e+01  
180 0.0000e+00 0.0000e+00 0.0000e+00 3.8869e+01 -7.2839e+01 -5.5511e+01  
181 0.0000e+00 0.0000e+00 0.0000e+00 4.6325e+01 -6.0091e+01 -7.0204e+01  
170 0.0000e+00 0.0000e+00 0.0000e+00 2.7167e+01 -4.0313e+01 -7.4433e+01

2356 168 0.0000e+00 0.0000e+00 0.0000e+00 -2.9808e+01 -7.3356e+01 -4.6837e+01  
179 0.0000e+00 0.0000e+00 0.0000e+00 2.8499e+01 -8.3875e+01 -4.1529e+01  
180 0.0000e+00 0.0000e+00 0.0000e+00 3.5330e+01 -8.0273e+01 -5.4360e+01  
169 0.0000e+00 0.0000e+00 0.0000e+00 2.8513e+01 -6.2848e+01 -5.9677e+01

2357 167 0.0000e+00 0.0000e+00 0.0000e+00 -3.2495e+01 -7.5244e+01 -3.5053e+01  
178 0.0000e+00 0.0000e+00 0.0000e+00 2.4713e+01 -8.5087e+01 -3.2555e+01  
179 0.0000e+00 0.0000e+00 0.0000e+00 2.7038e+01 -8.6155e+01 -4.2929e+01  
168 0.0000e+00 0.0000e+00 0.0000e+00 -3.1422e+01 -7.3200e+01 -4.5424e+01

2358 166 0.0000e+00 0.0000e+00 0.0000e+00 -3.3018e+01 -6.7157e+01 -2.5365e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 2.6429e+01 -7.7168e+01 -2.5896e+01  
178 0.0000e+00 0.0000e+00 0.0000e+00 2.5209e+01 -8.3475e+01 -3.4628e+01  
167 0.0000e+00 0.0000e+00 0.0000e+00 -3.2993e+01 -7.3882e+01 -3.4012e+01

2359 165 0.0000e+00 0.0000e+00 0.0000e+00 -3.4851e+01 -4.6519e+01 -1.9491e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 3.3879e+01 -5.4543e+01 -2.0809e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 2.8941e+01 -7.1406e+01 -2.7838e+01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -3.2754e+01 -6.3071e+01 -2.6287e+01

2360 164 0.0000e+00 0.0000e+00 0.0000e+00 2.3278e+01 -8.4705e+00 -1.8521e+01  
175 0.0000e+00 0.0000e+00 0.0000e+00 2.3823e+01 -1.2746e+01 -1.7671e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 3.7342e+01 -3.9922e+01 -1.9076e+01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -3.3566e+01 -4.1265e+01 -1.9880e+01

2361 163 0.0000e+00 0.0000e+00 0.0000e+00 -1.8394e+02 2.9765e+01 -4.3007e+01  
174 0.0000e+00 0.0000e+00 0.0000e+00 2.0289e+02 7.0681e+01 -4.6024e+01  
175 0.0000e+00 0.0000e+00 0.0000e+00 3.6395e+01 -1.5251e+01 -4.8815e+01  
164 0.0000e+00 0.0000e+00 0.0000e+00 2.7286e+01 3.2628e+01 -4.5823e+01

2362 161 0.0000e+00 0.0000e+00 0.0000e+00 -1.3134e+02 1.8602e+01 -3.7524e+01  
172 0.0000e+00 0.0000e+00 0.0000e+00 -6.6588e+01 4.1977e+01 -4.2632e+01  
173 0.0000e+00 0.0000e+00 0.0000e+00 -7.4972e+01 5.7163e+01 -1.7501e+01



	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.3198e+02	2.5737e+01	-1.2389e+01
2363	160	0.0000e+00	0.0000e+00	0.0000e+00	-1.2185e+02	3.2484e+00	-6.0537e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-5.5827e+01	3.9552e+00	-7.0493e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-6.8695e+01	3.2535e+01	-5.8413e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.2647e+02	1.1211e+01	-4.8456e+01
2364	159	0.0000e+00	0.0000e+00	0.0000e+00	-1.1153e+02	-2.6345e+01	-6.6062e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-4.9937e+01	-3.3436e+01	-7.3631e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-5.8521e+01	-9.1850e+00	-7.5939e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-1.1620e+02	-1.1308e+01	-6.8371e+01
2365	158	0.0000e+00	0.0000e+00	0.0000e+00	-1.0463e+02	-4.5713e+01	-5.9309e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-4.9747e+01	-5.7711e+01	-6.2629e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-5.2194e+01	-4.3368e+01	-7.3227e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-1.0815e+02	-3.2588e+01	-6.9912e+01
2366	157	0.0000e+00	0.0000e+00	0.0000e+00	-1.0143e+02	-5.7690e+01	-4.7256e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-5.1843e+01	-7.0533e+01	-4.8031e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-5.1264e+01	-6.4164e+01	-6.1070e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-1.0351e+02	-4.8884e+01	-6.0301e+01
2367	156	0.0000e+00	0.0000e+00	0.0000e+00	-1.0047e+02	-6.1884e+01	-3.4663e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-5.3368e+01	-7.4067e+01	-3.4680e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-5.2450e+01	-7.3442e+01	-4.7061e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-1.0144e+02	-5.8651e+01	-4.7041e+01
2368	155	0.0000e+00	0.0000e+00	0.0000e+00	-1.0029e+02	-5.7519e+01	-2.4482e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	-5.3867e+01	-6.7993e+01	-2.4235e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-5.2955e+01	-7.3474e+01	-3.4384e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	-1.0077e+02	-6.1047e+01	-3.4593e+01
2369	154	0.0000e+00	0.0000e+00	0.0000e+00	-1.0333e+02	-4.2845e+01	-1.9369e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-5.1469e+01	-4.9035e+01	-1.8415e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	-5.2199e+01	-6.3873e+01	-2.5021e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	-1.0083e+02	-5.3867e+01	-2.5927e+01
2370	153	0.0000e+00	0.0000e+00	0.0000e+00	-8.6690e+01	-1.3331e+01	-1.9007e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	-6.9501e+01	-1.6571e+01	-1.6695e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-4.9872e+01	-3.7974e+01	-1.7690e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	-1.0281e+02	-3.8547e+01	-2.0025e+01
2371	152	0.0000e+00	0.0000e+00	0.0000e+00	-2.4257e+02	1.5516e+01	-3.7948e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	1.0278e+02	4.8342e+01	-3.9084e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	-5.6830e+01	-2.2091e+01	-4.3788e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	-9.4866e+01	2.1201e+01	-4.2660e+01
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	-2.0574e+02	-1.6334e+01	-3.2845e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.4471e+02	3.4004e+00	-3.4762e+01
	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.4934e+02	1.0067e+01	-1.4431e+01
	151	0.0000e+00	0.0000e+00	0.0000e+00	-2.0471e+02	-1.4814e+01	-1.2500e+01
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	-2.0133e+02	-1.8532e+01	-5.4071e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-1.3900e+02	-1.2957e+01	-5.8684e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.4654e+02	1.7764e+00	-4.7870e+01
	150	0.0000e+00	0.0000e+00	0.0000e+00	-2.0237e+02	-1.7624e+01	-4.3253e+01
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	-1.9269e+02	-2.5529e+01	-5.9227e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-1.3321e+02	-3.0268e+01	-6.5513e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-1.4103e+02	-1.7330e+01	-6.6218e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	-1.9649e+02	-2.0697e+01	-5.9936e+01
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	-1.8284e+02	-3.5480e+01	-5.3389e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-1.2862e+02	-4.5305e+01	-5.9487e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-1.3423e+02	-3.5514e+01	-6.7849e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	-1.8846e+02	-2.7813e+01	-6.1763e+01
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	-1.7499e+02	-4.4610e+01	-4.3099e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-1.2553e+02	-5.5924e+01	-4.7591e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-1.2871e+02	-5.0014e+01	-5.8982e+01
	147	0.0000e+00	0.0000e+00	0.0000e+00	-1.8005e+02	-3.7378e+01	-5.4502e+01
2377	145	0.0000e+00	0.0000e+00	0.0000e+00	-1.7056e+02	-4.9673e+01	-3.2495e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	-1.2380e+02	-6.0665e+01	-3.4879e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-1.2511e+02	-5.8866e+01	-4.6244e+01
	146	0.0000e+00	0.0000e+00	0.0000e+00	-1.7362e+02	-4.5679e+01	-4.3864e+01
2378	144	0.0000e+00	0.0000e+00	0.0000e+00	-1.6897e+02	-4.8474e+01	-2.4005e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	-1.2346e+02	-5.7774e+01	-2.4481e+01

156 0.0000e+00 0.0000e+00 0.0000e+00 -1.2303e+02 -6.1054e+01 -3.3864e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -1.7027e+02 -4.9512e+01 -3.3388e+01

2379 143 0.0000e+00 0.0000e+00 0.0000e+00 -1.7139e+02 -3.9388e+01 -1.9809e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -1.2161e+02 -4.4597e+01 -1.9048e+01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -1.2196e+02 -5.5490e+01 -2.4946e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -1.6951e+02 -4.6135e+01 -2.5755e+01

2380 142 0.0000e+00 0.0000e+00 0.0000e+00 -1.5605e+02 -1.7575e+01 -1.9526e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -1.3885e+02 -2.0457e+01 -1.7720e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -1.2033e+02 -3.6727e+01 -1.8673e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -1.7111e+02 -3.6860e+01 -2.0516e+01

2381 141 0.0000e+00 0.0000e+00 0.0000e+00 -2.9558e+02 7.2747e+00 -3.5167e+01  
152 0.0000e+00 0.0000e+00 0.0000e+00 2.7741e+01 3.3535e+01 -3.5747e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -1.2755e+02 -2.7298e+01 -4.1052e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -1.6332e+02 1.1702e+01 -4.0473e+01

2382 139 0.0000e+00 0.0000e+00 0.0000e+00 -2.8869e+02 -4.7839e+01 -3.2306e+01  
150 0.0000e+00 0.0000e+00 0.0000e+00 -2.2042e+02 -3.0367e+01 -3.1904e+01  
151 0.0000e+00 0.0000e+00 0.0000e+00 -2.2309e+02 -2.9603e+01 -1.2779e+01  
140 0.0000e+00 0.0000e+00 0.0000e+00 -2.8554e+02 -5.3823e+01 -1.3161e+01

2383 138 0.0000e+00 0.0000e+00 0.0000e+00 -2.8492e+02 -2.9951e+01 -4.9556e+01  
149 0.0000e+00 0.0000e+00 0.0000e+00 -2.1936e+02 -2.7496e+01 -5.1162e+01  
150 0.0000e+00 0.0000e+00 0.0000e+00 -2.2345e+02 -2.8041e+01 -4.3923e+01  
139 0.0000e+00 0.0000e+00 0.0000e+00 -2.8419e+02 -4.1317e+01 -4.2312e+01

2384 137 0.0000e+00 0.0000e+00 0.0000e+00 -2.7109e+02 -2.3911e+01 -4.8173e+01  
148 0.0000e+00 0.0000e+00 0.0000e+00 -2.1412e+02 -2.8359e+01 -5.5978e+01  
149 0.0000e+00 0.0000e+00 0.0000e+00 -2.2097e+02 -2.7049e+01 -5.9382e+01  
138 0.0000e+00 0.0000e+00 0.0000e+00 -2.7883e+02 -2.4551e+01 -5.1587e+01

2385 136 0.0000e+00 0.0000e+00 0.0000e+00 -2.5339e+02 -2.8579e+01 -4.0684e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -2.0537e+02 -3.4971e+01 -5.1281e+01  
148 0.0000e+00 0.0000e+00 0.0000e+00 -2.1307e+02 -3.1442e+01 -5.9252e+01  
137 0.0000e+00 0.0000e+00 0.0000e+00 -2.6524e+02 -2.2057e+01 -4.8681e+01

2386 135 0.0000e+00 0.0000e+00 0.0000e+00 -2.3880e+02 -3.6476e+01 -3.3575e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -1.9691e+02 -4.3280e+01 -4.2474e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -2.0319e+02 -3.9335e+01 -5.1175e+01  
136 0.0000e+00 0.0000e+00 0.0000e+00 -2.4885e+02 -2.9089e+01 -4.2299e+01

2387 134 0.0000e+00 0.0000e+00 0.0000e+00 -2.3045e+02 -4.1898e+01 -2.7913e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -1.9151e+02 -4.8895e+01 -3.2889e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -1.9508e+02 -4.6605e+01 -4.1002e+01  
135 0.0000e+00 0.0000e+00 0.0000e+00 -2.3601e+02 -3.7416e+01 -3.6035e+01

2388 133 0.0000e+00 0.0000e+00 0.0000e+00 -2.2799e+02 -4.1925e+01 -2.3353e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -1.8977e+02 -4.8895e+01 -2.4535e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -1.9044e+02 -4.9940e+01 -3.1517e+01  
134 0.0000e+00 0.0000e+00 0.0000e+00 -2.2938e+02 -4.2178e+01 -3.0379e+01

2389 132 0.0000e+00 0.0000e+00 0.0000e+00 -2.3101e+02 -3.5873e+01 -2.0353e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -1.8798e+02 -4.0960e+01 -1.9628e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -1.8876e+02 -4.7659e+01 -2.4654e+01  
133 0.0000e+00 0.0000e+00 0.0000e+00 -2.2834e+02 -4.0798e+01 -2.5531e+01

2390 131 0.0000e+00 0.0000e+00 0.0000e+00 -2.1781e+02 -2.0825e+01 -1.9452e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -2.0298e+02 -2.3872e+01 -1.8269e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -1.8705e+02 -3.5356e+01 -1.9295e+01  
132 0.0000e+00 0.0000e+00 0.0000e+00 -2.3109e+02 -3.5371e+01 -2.0534e+01

2391 130 0.0000e+00 0.0000e+00 0.0000e+00 -3.4140e+02 -8.9547e+00 -3.3909e+01  
141 0.0000e+00 0.0000e+00 0.0000e+00 -7.8493e+01 2.2742e+01 -3.4482e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -1.9254e+02 -3.1365e+01 -3.8417e+01  
131 0.0000e+00 0.0000e+00 0.0000e+00 -2.2486e+02 3.0308e+00 -3.7841e+01

2392 128 0.0000e+00 0.0000e+00 0.0000e+00 -3.9601e+02 -7.7128e+01 -3.4435e+01  
139 0.0000e+00 0.0000e+00 0.0000e+00 -3.0515e+02 -6.2411e+01 -3.1889e+01  
140 0.0000e+00 0.0000e+00 0.0000e+00 -3.0676e+02 -7.0780e+01 -1.1745e+01  
129 0.0000e+00 0.0000e+00 0.0000e+00 -3.9020e+02 -9.9934e+01 -1.4272e+01

2393 127 0.0000e+00 0.0000e+00 0.0000e+00 -3.7874e+02 -2.7467e+01 -3.6944e+01  
138 0.0000e+00 0.0000e+00 0.0000e+00 -3.0718e+02 -3.3897e+01 -4.2087e+01  
139 0.0000e+00 0.0000e+00 0.0000e+00 -3.1163e+02 -5.2064e+01 -4.5092e+01  
128 0.0000e+00 0.0000e+00 0.0000e+00 -3.8453e+02 -5.2004e+01 -3.9907e+01

2394 126 0.0000e+00 0.0000e+00 0.0000e+00 -3.4038e+02 -1.9252e+01 -2.0106e+01

	137	0.0000e+00	0.0000e+00	0.0000e+00	-2.9431e+02	-2.1642e+01	-4.0563e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-3.0531e+02	-3.1950e+01	-5.0479e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-3.6763e+02	-1.4324e+01	-2.9988e+01
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	-3.0443e+02	-2.6803e+01	-1.4242e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-2.7303e+02	-2.6166e+01	-3.6089e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-2.8738e+02	-2.7084e+01	-4.2364e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-3.3041e+02	-1.6070e+01	-2.0623e+01
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	-2.7880e+02	-3.6679e+01	-1.6061e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	-2.5502e+02	-3.5272e+01	-3.2185e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-2.6658e+02	-3.2542e+01	-3.4873e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-2.9681e+02	-2.7540e+01	-1.8805e+01
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	-2.6540e+02	-4.2310e+01	-2.0793e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-2.4478e+02	-4.1899e+01	-2.8917e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	-2.5110e+02	-3.9562e+01	-3.0105e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-2.7401e+02	-3.7973e+01	-2.1978e+01
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	-2.6336e+02	-4.0623e+01	-2.4585e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-2.4260e+02	-4.3008e+01	-2.5257e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-2.4356e+02	-4.2978e+01	-2.6877e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-2.6340e+02	-4.2703e+01	-2.6276e+01
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	-2.7175e+02	-3.2081e+01	-2.4993e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-2.4338e+02	-3.7729e+01	-2.1082e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-2.4308e+02	-4.1137e+01	-2.4304e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-2.6382e+02	-3.9943e+01	-2.8485e+01
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	-2.6639e+02	-2.0126e+01	-2.1688e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-2.5910e+02	-2.6773e+01	-1.8040e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-2.4416e+02	-3.2349e+01	-2.0081e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-2.7316e+02	-3.3498e+01	-2.3970e+01
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	-3.7889e+02	-2.1584e+01	-3.5461e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.4931e+02	1.2702e+01	-3.4900e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-2.4896e+02	-3.5174e+01	-3.5674e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-2.7593e+02	-7.4370e+00	-3.6214e+01
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	-5.6994e+02	-1.1600e+02	-2.4844e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-4.1293e+02	-9.0868e+01	-3.1644e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	-4.1968e+02	-1.2560e+02	-1.4501e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-5.7688e+02	-1.3758e+02	-7.6969e+00
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	-4.5909e+02	-9.6724e+00	3.2455e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-4.1256e+02	-1.1757e+01	-1.5736e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-4.3125e+02	-6.4982e+01	-5.0649e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-5.2559e+02	1.0699e+01	-8.7662e+00
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	-3.7016e+02	-1.5024e+01	4.7650e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-3.6267e+02	1.1227e+01	-7.1524e+00
	127	0.0000e+00	0.0000e+00	0.0000e+00	-3.9142e+02	-2.3974e+01	-1.7169e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-4.3890e+02	9.4137e+00	3.7653e+01
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	-3.1042e+02	-3.4084e+01	3.2142e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-3.1450e+02	-2.3592e+01	-7.4123e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	-3.4325e+02	-2.2636e+01	-4.5039e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	-3.5339e+02	-2.3930e+01	3.7383e+01
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	-2.7302e+02	-4.9696e+01	1.0508e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-2.8249e+02	-3.6657e+01	-1.4204e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-3.0206e+02	-3.2787e+01	-4.1889e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	-2.9862e+02	-4.2250e+01	2.0978e+01
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	-2.5385e+02	-5.7250e+01	-1.1421e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-2.6640e+02	-4.3745e+01	-2.3161e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-2.7616e+02	-4.1852e+01	-1.1718e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	-2.6576e+02	-5.2777e+01	-8.5790e-01
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	-2.5113e+02	-5.4296e+01	-3.0338e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-2.6490e+02	-4.2768e+01	-3.0317e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-2.6535e+02	-4.4489e+01	-2.0588e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-2.5053e+02	-5.3619e+01	-2.0614e+01
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	-2.6777e+02	-3.9383e+01	-4.2721e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-2.7327e+02	-3.4608e+01	-3.1585e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-2.6878e+02	-3.8917e+01	-2.7292e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-2.5138e+02	-4.3446e+01	-3.8483e+01

2410	100	0.0000e+00	0.0000e+00	0.0000e+00	-2.8455e+02	-1.5865e+01	-4.0402e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-3.0069e+02	-2.6584e+01	-2.3126e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-2.8144e+02	-2.5498e+01	-2.6995e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-2.7056e+02	-2.7571e+01	-4.4639e+01
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	-4.1110e+02	-4.1982e+01	-4.7848e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-2.0715e+02	-1.5772e+01	-3.7452e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-2.9511e+02	-3.5634e+01	-3.8522e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-3.0153e+02	-5.8946e+00	-4.8947e+01
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	-6.3982e+02	1.7181e+02	3.6230e+02
	116	0.0000e+00	0.0000e+00	0.0000e+00	-7.6733e+02	-3.8839e+01	6.2635e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-4.7090e+02	-2.2231e+02	-7.0624e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.4876e+03	-1.4684e+02	2.2916e+02
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	-4.1265e+02	3.7549e+01	2.1232e+02
	114	0.0000e+00	0.0000e+00	0.0000e+00	-4.9792e+02	4.4773e+01	5.5542e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-6.6118e+02	-3.2983e+01	7.4243e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	-5.3715e+02	-2.7997e+01	2.3107e+02
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	-3.0198e+02	-7.5650e+01	1.3998e+02
	112	0.0000e+00	0.0000e+00	0.0000e+00	-3.6152e+02	1.1670e+01	5.7126e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-4.4920e+02	-1.0142e+01	8.8859e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	-3.6637e+02	-1.5651e+01	1.7172e+02
2415	111	0.0000e+00	0.0000e+00	0.0000e+00	-2.3702e+02	-9.1792e+01	8.5953e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-2.9018e+02	-3.7026e+01	3.7056e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	-3.4224e+02	-2.9508e+01	6.7055e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-2.7472e+02	-3.8265e+01	1.1595e+02
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	-1.9617e+02	-9.3085e+01	4.2069e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	-2.5033e+02	-5.3605e+01	1.2662e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-2.8021e+02	-4.7929e+01	3.9776e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-2.2033e+02	-6.6077e+01	6.9212e+01
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.7064e+02	-8.1491e+01	4.2632e+00
	106	0.0000e+00	0.0000e+00	0.0000e+00	-2.3102e+02	-5.9666e+01	-1.1486e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	-2.4355e+02	-5.8808e+01	1.3372e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-1.8633e+02	-8.9444e+01	2.8728e+01
2418	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.5770e+02	-5.6627e+01	-3.1002e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-2.2955e+02	-5.4531e+01	-3.3340e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-2.2500e+02	-5.9517e+01	-1.0330e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.6654e+02	-1.0610e+02	-8.0301e+00
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	-1.5947e+02	-1.8150e+01	-6.5513e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-2.4935e+02	-3.7865e+01	-5.1912e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-2.2401e+02	-4.7504e+01	-2.9633e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.5983e+02	-1.1354e+02	-4.3241e+01
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	-1.8245e+02	3.1358e+01	-1.0021e+02
	100	0.0000e+00	0.0000e+00	0.0000e+00	-3.1564e+02	-2.0399e+01	-5.7419e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-2.4973e+02	1.9065e+01	-3.8755e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-1.6987e+02	-1.0684e+02	-8.1530e+01
2421	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.7235e+02	5.4077e+01	-1.1631e+02
	99	0.0000e+00	0.0000e+00	0.0000e+00	-2.2276e+02	-3.8234e+01	-3.3524e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-3.2508e+02	-1.2494e+01	-6.0531e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	-2.1373e+02	-4.4359e+01	-1.4359e+02

SFORZI "Dinamica SLDh Y" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	3.6813e+01	-4.6128e+00	2.0739e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	8.6891e+00	1.7855e+02	-1.4257e+01
	84	0.0000e+00	0.0000e+00	0.0000e+00	-4.6883e+01	1.1040e+01	-7.0712e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	4.2848e+01	3.0266e+02	-4.4106e+01
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	1.4448e+01	2.0648e+00	-9.6422e+00
	1892	0.0000e+00	0.0000e+00	0.0000e+00	2.0091e+01	1.1186e+02	-8.2546e+00
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-1.6968e+00	1.1088e+02	9.2353e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	3.7943e+01	2.1483e+02	-1.0148e+01
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	1.1994e+00	-3.3464e+01	-1.1082e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	1.5388e+01	6.1329e+01	-1.2058e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-7.9014e+00	7.2823e+01	-9.9223e+00

	1702	0.0000e+00	0.0000e+00	0.0000e+00	2.1193e+01	1.5862e+02	-9.3237e+00
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	-8.4196e+00	-7.6482e+01	-1.0813e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	1.2043e+01	1.3598e+01	-1.3809e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-1.1494e+01	2.5219e+01	-1.3377e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	8.5995e+00	1.1316e+02	-1.0571e+01
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.6897e+01	-1.2498e+02	-8.4438e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	9.7265e+00	-3.4774e+01	-1.1569e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-1.4682e+01	-2.2786e+01	-1.3629e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	9.1523e-01	7.1558e+01	-1.0414e+01
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	-2.9976e+01	-1.8061e+02	-4.8568e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	6.9633e+00	-8.6092e+01	-5.6239e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-1.8946e+01	-7.3441e+01	-9.7917e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-8.0107e+00	3.2196e+01	-8.1243e+00
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	-4.7509e+01	-2.5039e+02	7.1762e+00
	1887	0.0000e+00	0.0000e+00	0.0000e+00	2.3290e-01	-1.3144e+02	7.5209e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-2.4732e+01	-1.3015e+02	4.9458e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-2.1823e+01	-1.7119e+00	-4.7969e+00
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-5.4533e+01	-3.5631e+02	-3.5264e+01
	83	0.0000e+00	0.0000e+00	0.0000e+00	5.2164e+01	-3.6082e+01	-6.3666e+01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-1.3549e+01	-2.0852e+02	-9.0671e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-4.4269e+01	-2.7114e+00	2.1068e+01
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	4.4279e+01	2.6811e+00	2.1049e+01
	1886	0.0000e+00	0.0000e+00	0.0000e+00	1.3561e+01	2.0852e+02	-9.0546e+00
	83	0.0000e+00	0.0000e+00	0.0000e+00	-5.2177e+01	3.6099e+01	-6.3665e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	5.4569e+01	3.5636e+02	-3.5258e+01
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	2.1832e+01	1.6825e+00	-4.7572e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	2.4739e+01	1.3013e+02	4.9154e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-2.2695e-01	1.3143e+02	7.4962e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	4.7522e+01	2.5041e+02	7.1456e+00
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	8.0197e+00	-3.2228e+01	-8.1015e+00
	1884	0.0000e+00	0.0000e+00	0.0000e+00	1.8950e+01	7.3417e+01	-9.7712e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-6.9625e+00	8.6069e+01	-5.5921e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	2.9986e+01	1.8060e+02	-4.8215e+00
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	-9.2819e-01	-7.1580e+01	-1.0394e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	1.4684e+01	2.2759e+01	-1.3609e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	-9.7244e+00	3.4748e+01	-1.1550e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	1.6906e+01	1.2496e+02	-8.4220e+00
686	1650	0.0000e+00	0.0000e+00	0.0000e+00	-8.5928e+00	-1.1316e+02	-1.0555e+01
	1882	0.0000e+00	0.0000e+00	0.0000e+00	1.1495e+01	-2.5244e+01	-1.3357e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	-1.2039e+01	-1.3625e+01	-1.3789e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	8.4287e+00	7.6450e+01	-1.0794e+01
687	1649	0.0000e+00	0.0000e+00	0.0000e+00	-2.1182e+01	-1.5861e+02	-9.3250e+00
	1881	0.0000e+00	0.0000e+00	0.0000e+00	7.9014e+00	-7.2837e+01	-9.9183e+00
	1882	0.0000e+00	0.0000e+00	0.0000e+00	-1.5381e+01	-6.1346e+01	-1.2040e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-1.2141e+00	3.3427e+01	-1.1066e+01
688	1648	0.0000e+00	0.0000e+00	0.0000e+00	-3.7922e+01	-2.1478e+02	-1.0180e+01
	1880	0.0000e+00	0.0000e+00	0.0000e+00	1.7068e+00	-1.1087e+02	9.2638e+00
	1881	0.0000e+00	0.0000e+00	0.0000e+00	-2.0079e+01	-1.1186e+02	-8.2623e+00
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-1.4440e+01	-2.0950e+00	-9.6534e+00
689	27	0.0000e+00	0.0000e+00	0.0000e+00	-4.2819e+01	-3.0255e+02	-4.4086e+01
	82	0.0000e+00	0.0000e+00	0.0000e+00	4.6857e+01	-1.1055e+01	-7.0702e+01
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-8.6827e+00	-1.7850e+02	-1.4238e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-3.6795e+01	4.6535e+00	2.0811e+01
690	1879	0.0000e+00	0.0000e+00	0.0000e+00	1.2308e+01	1.8342e+02	1.4353e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	3.4023e+01	4.3415e+00	-1.6026e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	4.7272e+01	3.1631e+02	3.6710e+01
	73	0.0000e+00	0.0000e+00	0.0000e+00	-5.0974e+01	3.1670e+01	6.3280e+01
691	1878	0.0000e+00	0.0000e+00	0.0000e+00	2.0904e+01	1.1351e+02	6.5038e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	1.5413e+01	-2.0502e+00	7.6107e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	3.7357e+01	2.2131e+02	5.8895e+00
	1879	0.0000e+00	0.0000e+00	0.0000e+00	-2.4054e+00	1.1433e+02	4.1911e+00
692	1877	0.0000e+00	0.0000e+00	0.0000e+00	1.5917e+01	6.1879e+01	1.4237e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	1.9639e+00	-3.4828e+01	1.3009e+01

	880	0.0000e+00	0.0000e+00	0.0000e+00	2.2821e+01	1.6048e+02	8.8835e+00
	1878	0.0000e+00	0.0000e+00	0.0000e+00	-7.8556e+00	7.3659e+01	9.9451e+00
693	1876	0.0000e+00	0.0000e+00	0.0000e+00	1.2092e+01	1.3224e+01	1.6572e+01
	876	0.0000e+00	0.0000e+00	0.0000e+00	-8.8799e+00	-7.6008e+01	1.4137e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	9.8632e+00	1.1264e+02	1.3349e+01
	1877	0.0000e+00	0.0000e+00	0.0000e+00	-1.1380e+01	2.5398e+01	1.5757e+01
694	1875	0.0000e+00	0.0000e+00	0.0000e+00	9.2738e+00	-3.5726e+01	1.3351e+01
	874	0.0000e+00	0.0000e+00	0.0000e+00	-1.9629e+01	-1.2388e+02	1.0769e+01
	876	0.0000e+00	0.0000e+00	0.0000e+00	-9.6103e-01	7.1068e+01	1.3711e+01
	1876	0.0000e+00	0.0000e+00	0.0000e+00	-1.5002e+01	-2.3124e+01	1.6302e+01
695	1874	0.0000e+00	0.0000e+00	0.0000e+00	6.4041e+00	-8.7614e+01	4.6153e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	-3.3641e+01	-1.8104e+02	3.1555e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	-1.0937e+01	3.3253e+01	9.5056e+00
	1875	0.0000e+00	0.0000e+00	0.0000e+00	-1.9767e+01	-7.4582e+01	1.1252e+01
696	1873	0.0000e+00	0.0000e+00	0.0000e+00	4.6759e-01	-1.3444e+02	-7.1804e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	-4.9744e+01	-2.5434e+02	-7.9075e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	-2.5102e+01	1.0643e+00	-2.5203e+00
	1874	0.0000e+00	0.0000e+00	0.0000e+00	-2.5747e+01	-1.3236e+02	-2.4052e+00
697	72	0.0000e+00	0.0000e+00	0.0000e+00	4.9422e+01	-5.1425e+01	5.6641e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	-5.2050e+01	-3.6484e+02	2.7003e+01
	870	0.0000e+00	0.0000e+00	0.0000e+00	-4.4867e+01	-1.8228e+00	-2.3788e+01
	1873	0.0000e+00	0.0000e+00	0.0000e+00	-1.5469e+01	-2.1100e+02	6.4593e+00
698	1872	0.0000e+00	0.0000e+00	0.0000e+00	1.5333e+01	2.1108e+02	6.8552e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	4.4337e+01	1.7398e+00	-2.3714e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	5.1536e+01	3.6523e+02	2.6865e+01
	72	0.0000e+00	0.0000e+00	0.0000e+00	-5.0611e+01	5.2206e+01	5.7010e+01
699	1871	0.0000e+00	0.0000e+00	0.0000e+00	2.5708e+01	1.3221e+02	-2.1918e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	2.5002e+01	-1.0801e+00	-2.4225e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	4.9417e+01	2.5453e+02	-7.7081e+00
	1872	0.0000e+00	0.0000e+00	0.0000e+00	-6.5980e-01	1.3434e+02	-6.7861e+00
700	1870	0.0000e+00	0.0000e+00	0.0000e+00	1.9775e+01	7.4386e+01	1.1311e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	1.0945e+01	-3.3506e+01	9.5198e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	3.3597e+01	1.8106e+02	3.1492e+00
	1871	0.0000e+00	0.0000e+00	0.0000e+00	-6.4509e+00	8.7416e+01	4.6731e+00
701	1869	0.0000e+00	0.0000e+00	0.0000e+00	1.5013e+01	2.2900e+01	1.6290e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	9.4815e-01	-7.1262e+01	1.3690e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	1.9655e+01	1.2374e+02	1.0790e+01
	1870	0.0000e+00	0.0000e+00	0.0000e+00	-9.2736e+00	3.5500e+01	1.3384e+01
702	1868	0.0000e+00	0.0000e+00	0.0000e+00	1.1375e+01	-2.5608e+01	1.5688e+01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-9.8251e+00	-1.1272e+02	1.3294e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	8.9135e+00	7.5772e+01	1.4116e+01
	1869	0.0000e+00	0.0000e+00	0.0000e+00	-1.2074e+01	-1.3436e+01	1.6540e+01
703	1867	0.0000e+00	0.0000e+00	0.0000e+00	7.8033e+00	-7.3814e+01	9.8582e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-2.2851e+01	-1.6038e+02	8.8495e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.9504e+00	3.4548e+01	1.2964e+01
	1868	0.0000e+00	0.0000e+00	0.0000e+00	-1.5900e+01	-6.2039e+01	1.4145e+01
704	1866	0.0000e+00	0.0000e+00	0.0000e+00	2.1792e+00	-1.1436e+02	4.4004e+00
	784	0.0000e+00	0.0000e+00	0.0000e+00	-3.7638e+01	-2.2099e+02	6.0984e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-1.5505e+01	1.9635e+00	7.6475e+00
	1867	0.0000e+00	0.0000e+00	0.0000e+00	-2.0931e+01	-1.1360e+02	6.4268e+00
705	71	0.0000e+00	0.0000e+00	0.0000e+00	4.9543e+01	-3.0900e+01	6.2848e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-4.7533e+01	-3.1577e+02	3.6819e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-3.4454e+01	-4.4259e+00	-1.6224e+01
	1866	0.0000e+00	0.0000e+00	0.0000e+00	-1.2379e+01	-1.8324e+02	1.3676e+01
706	1865	0.0000e+00	0.0000e+00	0.0000e+00	-1.5360e+01	1.3884e+02	4.9592e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	3.6298e+01	-3.1907e+01	-3.4984e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	6.6277e+01	2.8396e+02	3.5771e+01
	75	0.0000e+00	0.0000e+00	0.0000e+00	-4.8388e+01	-2.1380e+01	5.9807e+01
707	1864	0.0000e+00	0.0000e+00	0.0000e+00	1.8097e+01	8.6684e+01	-1.1559e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	1.4862e+01	-2.8120e+01	-1.6470e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	3.4579e+01	1.9700e+02	-1.9100e+01
	1865	0.0000e+00	0.0000e+00	0.0000e+00	-8.1380e+00	8.5730e+01	-1.4092e+01
708	1863	0.0000e+00	0.0000e+00	0.0000e+00	1.3903e+01	3.7470e+01	-6.7994e+00

	1019	0.0000e+00	0.0000e+00	0.0000e+00	7.7870e+00	-5.8099e+01	-8.6521e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	1.9177e+01	1.4004e+02	-1.3135e+01
	1864	0.0000e+00	0.0000e+00	0.0000e+00	-6.8137e+00	5.1056e+01	-1.1289e+01
709	1862	0.0000e+00	0.0000e+00	0.0000e+00	9.9466e+00	-9.8537e+00	-4.4716e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-1.2460e+01	-9.7360e+01	-7.0393e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	9.6427e+00	9.5093e+01	-7.6426e+00
	1863	0.0000e+00	0.0000e+00	0.0000e+00	-1.0688e+01	5.9908e+00	-5.9725e+00
710	1861	0.0000e+00	0.0000e+00	0.0000e+00	7.0548e+00	-5.5287e+01	-9.5513e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-2.1303e+01	-1.4332e+02	-1.2760e+01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-8.3222e+00	5.6264e+01	-7.9869e+00
	1862	0.0000e+00	0.0000e+00	0.0000e+00	-1.4423e+01	-4.1755e+01	-5.1897e+00
711	1860	0.0000e+00	0.0000e+00	0.0000e+00	1.0722e+01	-8.9318e+01	-1.2153e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-3.0545e+01	-2.0045e+02	-1.9517e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-1.5828e+01	2.4859e+01	-1.7079e+01
	1861	0.0000e+00	0.0000e+00	0.0000e+00	-1.6535e+01	-9.0916e+01	-9.9892e+00
712	74	0.0000e+00	0.0000e+00	0.0000e+00	6.3722e+01	1.4126e+01	6.7408e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.2533e+01	-2.8318e+02	2.4802e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-2.8774e+01	2.2474e+01	-3.9381e+01
	1860	0.0000e+00	0.0000e+00	0.0000e+00	1.4569e+01	-1.3978e+02	8.7217e+00
713	1599	0.0000e+00	0.0000e+00	0.0000e+00	4.1960e+01	-3.1172e+01	4.6665e+01
	1859	0.0000e+00	0.0000e+00	0.0000e+00	-1.8624e+01	1.2768e+02	-1.4360e+01
	86	0.0000e+00	0.0000e+00	0.0000e+00	-3.8961e+01	-5.0839e+01	-6.8219e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	6.7269e+01	2.6351e+02	-3.8570e+01
714	1598	0.0000e+00	0.0000e+00	0.0000e+00	1.8636e+01	-2.6222e+01	2.2458e+01
	1858	0.0000e+00	0.0000e+00	0.0000e+00	1.7520e+01	8.6902e+01	1.7595e+01
	1859	0.0000e+00	0.0000e+00	0.0000e+00	-1.0016e+01	8.1857e+01	2.2058e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	3.9773e+01	1.8627e+02	2.6871e+01
715	1597	0.0000e+00	0.0000e+00	0.0000e+00	6.5150e+00	-5.4894e+01	1.2338e+01
	1857	0.0000e+00	0.0000e+00	0.0000e+00	1.4149e+01	3.9230e+01	1.1227e+01
	1858	0.0000e+00	0.0000e+00	0.0000e+00	-5.5931e+00	5.2373e+01	1.7624e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	2.2383e+01	1.3380e+02	1.8815e+01
716	1596	0.0000e+00	0.0000e+00	0.0000e+00	-8.3826e+00	-9.3009e+01	6.3921e+00
	1856	0.0000e+00	0.0000e+00	0.0000e+00	9.9422e+00	-9.8386e+00	5.3859e+00
	1857	0.0000e+00	0.0000e+00	0.0000e+00	-9.5245e+00	1.0662e+01	9.9334e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	1.0424e+01	9.1581e+01	1.0696e+01
717	1595	0.0000e+00	0.0000e+00	0.0000e+00	-2.0639e+01	-1.3700e+02	6.9728e+00
	1855	0.0000e+00	0.0000e+00	0.0000e+00	5.8077e+00	-5.1810e+01	6.1770e+00
	1856	0.0000e+00	0.0000e+00	0.0000e+00	-1.4005e+01	-3.8488e+01	5.1120e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-5.2406e+00	5.4679e+01	5.2021e+00
718	1594	0.0000e+00	0.0000e+00	0.0000e+00	-3.9993e+01	-1.9251e+02	1.1598e+01
	1854	0.0000e+00	0.0000e+00	0.0000e+00	6.5237e+00	-8.4142e+01	1.0515e+01
	1855	0.0000e+00	0.0000e+00	0.0000e+00	-1.8596e+01	-8.6816e+01	8.3438e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-1.7050e+01	2.6822e+01	8.6597e+00
719	30	0.0000e+00	0.0000e+00	0.0000e+00	-6.1825e+01	-2.7720e+02	-3.8925e+01
	85	0.0000e+00	0.0000e+00	0.0000e+00	4.3614e+01	3.5914e+01	-6.6244e+01
	1854	0.0000e+00	0.0000e+00	0.0000e+00	1.2797e+01	-1.3575e+02	-3.8181e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-4.3105e+01	3.3195e+01	2.6794e+01
720	1853	0.0000e+00	0.0000e+00	0.0000e+00	-1.4656e+01	1.4017e+02	8.8832e+00
	957	0.0000e+00	0.0000e+00	0.0000e+00	2.8692e+01	-2.2397e+01	-3.9452e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.2776e+01	2.8388e+02	2.4522e+01
	70	0.0000e+00	0.0000e+00	0.0000e+00	-6.4360e+01	-1.4204e+01	6.7589e+01
721	1852	0.0000e+00	0.0000e+00	0.0000e+00	1.6575e+01	9.1088e+01	-9.8836e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	1.5920e+01	-2.4769e+01	-1.7111e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	3.0581e+01	2.0081e+02	-1.9532e+01
	1853	0.0000e+00	0.0000e+00	0.0000e+00	-1.0761e+01	8.9557e+01	-1.2047e+01
722	1851	0.0000e+00	0.0000e+00	0.0000e+00	1.4471e+01	4.1957e+01	-5.0908e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	8.0445e+00	-5.6018e+01	-7.9641e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	2.1427e+01	1.4345e+02	-1.2755e+01
	1852	0.0000e+00	0.0000e+00	0.0000e+00	-6.9939e+00	5.5473e+01	-9.5072e+00
723	1850	0.0000e+00	0.0000e+00	0.0000e+00	1.0725e+01	-5.6006e+00	-5.7650e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	-8.8713e+00	-9.4529e+01	-7.4632e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	1.2403e+01	9.7324e+01	-6.9625e+00
	1851	0.0000e+00	0.0000e+00	0.0000e+00	-9.7982e+00	1.0081e+01	-4.3788e+00

724 1849 0.0000e+00 0.0000e+00 0.0000e+00 6.8328e+00 -5.0467e+01 -1.0967e+01  
949 0.0000e+00 0.0000e+00 0.0000e+00 -1.8477e+01 -1.3902e+02 -1.2797e+01  
951 0.0000e+00 0.0000e+00 0.0000e+00 -7.1393e+00 5.7992e+01 -8.4178e+00  
1850 0.0000e+00 0.0000e+00 0.0000e+00 -1.3710e+01 -3.6969e+01 -6.5831e+00

725 1848 0.0000e+00 0.0000e+00 0.0000e+00 8.2178e+00 -8.4804e+01 -1.3622e+01  
947 0.0000e+00 0.0000e+00 0.0000e+00 -3.4108e+01 -1.9539e+02 -1.8552e+01  
949 0.0000e+00 0.0000e+00 0.0000e+00 -1.4197e+01 2.8067e+01 -1.6078e+01  
1849 0.0000e+00 0.0000e+00 0.0000e+00 -1.7926e+01 -8.5865e+01 -1.1248e+01

726 69 0.0000e+00 0.0000e+00 0.0000e+00 4.7980e+01 2.3643e+01 6.0150e+01  
3 0.0000e+00 0.0000e+00 0.0000e+00 -6.7060e+01 -2.8171e+02 3.5986e+01  
947 0.0000e+00 0.0000e+00 0.0000e+00 -3.6062e+01 3.2029e+01 -3.4345e+01  
1848 0.0000e+00 0.0000e+00 0.0000e+00 1.5774e+01 -1.3764e+02 4.6431e+00

727 1557 0.0000e+00 0.0000e+00 0.0000e+00 4.3153e+01 -3.3189e+01 2.6844e+01  
1847 0.0000e+00 0.0000e+00 0.0000e+00 -1.2835e+01 1.3583e+02 -3.8224e+00  
81 0.0000e+00 0.0000e+00 0.0000e+00 -4.3647e+01 -3.5926e+01 -6.6212e+01  
26 0.0000e+00 0.0000e+00 0.0000e+00 6.2031e+01 2.7734e+02 -3.8911e+01

728 1556 0.0000e+00 0.0000e+00 0.0000e+00 1.7092e+01 -2.6793e+01 8.6852e+00  
1846 0.0000e+00 0.0000e+00 0.0000e+00 1.8615e+01 8.6836e+01 8.3349e+00  
1847 0.0000e+00 0.0000e+00 0.0000e+00 -6.5293e+00 8.4178e+01 1.0530e+01  
1557 0.0000e+00 0.0000e+00 0.0000e+00 4.0042e+01 1.9257e+02 1.1639e+01

729 1555 0.0000e+00 0.0000e+00 0.0000e+00 5.2566e+00 -5.4637e+01 5.1339e+00  
1845 0.0000e+00 0.0000e+00 0.0000e+00 1.4018e+01 3.8490e+01 5.0389e+00  
1846 0.0000e+00 0.0000e+00 0.0000e+00 -5.7934e+00 5.1820e+01 6.1723e+00  
1556 0.0000e+00 0.0000e+00 0.0000e+00 2.0682e+01 1.3702e+02 6.9753e+00

730 1554 0.0000e+00 0.0000e+00 0.0000e+00 -1.0381e+01 -9.1501e+01 1.0611e+01  
1844 0.0000e+00 0.0000e+00 0.0000e+00 9.5336e+00 -1.0537e+01 9.8494e+00  
1845 0.0000e+00 0.0000e+00 0.0000e+00 -9.9239e+00 9.7642e+00 5.3019e+00  
1555 0.0000e+00 0.0000e+00 0.0000e+00 8.4209e+00 9.2998e+01 6.3149e+00

731 1553 0.0000e+00 0.0000e+00 0.0000e+00 -2.2325e+01 -1.3366e+02 1.8733e+01  
1843 0.0000e+00 0.0000e+00 0.0000e+00 5.6000e+00 -5.2283e+01 1.7547e+01  
1844 0.0000e+00 0.0000e+00 0.0000e+00 -1.4125e+01 -3.9146e+01 1.1145e+01  
1554 0.0000e+00 0.0000e+00 0.0000e+00 -6.4898e+00 5.4862e+01 1.2252e+01

732 1552 0.0000e+00 0.0000e+00 0.0000e+00 -3.9699e+01 -1.8605e+02 2.6784e+01  
1842 0.0000e+00 0.0000e+00 0.0000e+00 1.0035e+01 -8.1725e+01 2.1970e+01  
1843 0.0000e+00 0.0000e+00 0.0000e+00 -1.7488e+01 -8.6789e+01 1.7515e+01  
1553 0.0000e+00 0.0000e+00 0.0000e+00 -1.8584e+01 2.6164e+01 2.2379e+01

733 25 0.0000e+00 0.0000e+00 0.0000e+00 -6.7396e+01 -2.6318e+02 -3.8567e+01  
80 0.0000e+00 0.0000e+00 0.0000e+00 3.8923e+01 5.1197e+01 -6.8283e+01  
1842 0.0000e+00 0.0000e+00 0.0000e+00 1.8689e+01 -1.2751e+02 -1.4247e+01  
1552 0.0000e+00 0.0000e+00 0.0000e+00 -4.1896e+01 3.1084e+01 4.6608e+01

734 1515 0.0000e+00 0.0000e+00 0.0000e+00 7.6799e+00 2.0259e+02 2.8756e+01  
1841 0.0000e+00 0.0000e+00 0.0000e+00 -2.1517e+01 3.0331e+02 -8.0845e+00  
88 0.0000e+00 0.0000e+00 0.0000e+00 -4.4106e+01 1.4192e+02 -7.0935e+01  
33 0.0000e+00 0.0000e+00 0.0000e+00 -3.8629e+01 3.9073e+02 -4.2094e+01

735 1514 0.0000e+00 0.0000e+00 0.0000e+00 -1.0154e+01 1.8150e+02 1.5448e+01  
1840 0.0000e+00 0.0000e+00 0.0000e+00 7.9151e+00 2.7216e+02 1.0117e+01  
1841 0.0000e+00 0.0000e+00 0.0000e+00 -1.3756e+01 2.6849e+02 1.1171e+01  
1515 0.0000e+00 0.0000e+00 0.0000e+00 6.6995e+00 3.5945e+02 1.6533e+01

736 1513 0.0000e+00 0.0000e+00 0.0000e+00 -1.3273e+01 1.3424e+02 1.2691e+01  
1839 0.0000e+00 0.0000e+00 0.0000e+00 9.6308e+00 2.2768e+02 6.9217e+00  
1840 0.0000e+00 0.0000e+00 0.0000e+00 -1.1991e+01 2.4139e+02 8.9353e+00  
1514 0.0000e+00 0.0000e+00 0.0000e+00 -6.5059e+00 3.2839e+02 1.5177e+01

737 1512 0.0000e+00 0.0000e+00 0.0000e+00 -1.1805e+01 7.9689e+01 1.4400e+01  
1838 0.0000e+00 0.0000e+00 0.0000e+00 1.0277e+01 1.8083e+02 8.9095e+00  
1839 0.0000e+00 0.0000e+00 0.0000e+00 -1.3587e+01 1.9582e+02 6.3950e+00  
1513 0.0000e+00 0.0000e+00 0.0000e+00 -6.6878e+00 2.9334e+02 1.3986e+01

738 1511 0.0000e+00 0.0000e+00 0.0000e+00 -9.1804e+00 2.4423e+01 1.7172e+01  
1837 0.0000e+00 0.0000e+00 0.0000e+00 1.1206e+01 1.3170e+02 1.3541e+01  
1838 0.0000e+00 0.0000e+00 0.0000e+00 -1.4219e+01 1.4672e+02 9.8891e+00  
1512 0.0000e+00 0.0000e+00 0.0000e+00 -4.4428e+00 2.5197e+02 1.5222e+01

739 1510 0.0000e+00 0.0000e+00 0.0000e+00 -8.1283e+00 -3.3621e+01 2.0430e+01  
1836 0.0000e+00 0.0000e+00 0.0000e+00 1.1690e+01 8.0266e+01 1.8647e+01  
1837 0.0000e+00 0.0000e+00 0.0000e+00 -1.4544e+01 9.5663e+01 1.4739e+01



	1511	0.0000e+00	0.0000e+00	0.0000e+00	-2.9440e+00	2.0548e+02	1.7528e+01
740	1509	0.0000e+00	0.0000e+00	0.0000e+00	-1.1223e+01	-8.9731e+01	2.4629e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	1.0942e+01	2.6758e+01	2.3845e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	-1.5625e+01	4.2726e+01	1.9761e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	2.7470e+00	1.5628e+02	2.0786e+01
741	1508	0.0000e+00	0.0000e+00	0.0000e+00	-2.1896e+01	-1.5018e+02	3.0018e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	8.3774e+00	-3.2320e+01	2.8731e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	-1.8719e+01	-1.6629e+01	2.4561e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-3.8459e+00	1.0775e+02	2.5603e+01
742	1507	0.0000e+00	0.0000e+00	0.0000e+00	-4.3121e+01	-2.2332e+02	3.4598e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	1.1987e+01	-8.2506e+01	2.8341e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	-2.4453e+01	-7.7062e+01	2.6719e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-1.5745e+01	6.6829e+01	3.2948e+01
743	32	0.0000e+00	0.0000e+00	0.0000e+00	-1.2427e+02	-3.3266e+02	-4.2867e+01
	87	0.0000e+00	0.0000e+00	0.0000e+00	5.8547e+01	7.7331e+01	-6.2514e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-3.0923e+01	-1.5296e+02	-2.5165e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-4.4379e+01	6.2272e+01	5.1671e+01
744	1446	0.0000e+00	0.0000e+00	0.0000e+00	5.1133e+01	4.7534e+01	5.2967e+01
	1832	0.0000e+00	0.0000e+00	0.0000e+00	3.0948e+01	2.5320e+02	-2.1604e+01
	87	0.0000e+00	0.0000e+00	0.0000e+00	-5.2952e+01	1.0755e+02	-6.0958e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	1.1788e+02	4.0569e+02	-3.3402e+01
745	1445	0.0000e+00	0.0000e+00	0.0000e+00	2.7904e+01	4.3373e+01	-2.7310e+01
	1831	0.0000e+00	0.0000e+00	0.0000e+00	2.7054e+01	1.7251e+02	-2.3146e+01
	1832	0.0000e+00	0.0000e+00	0.0000e+00	5.6665e+00	1.7407e+02	2.7225e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	5.5465e+01	2.9258e+02	3.1113e+01
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	1.2404e+01	1.7501e+01	-2.1960e+01
	1830	0.0000e+00	0.0000e+00	0.0000e+00	2.0143e+01	1.1560e+02	-2.2683e+01
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-5.8090e+00	1.2787e+02	-2.4718e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	3.6040e+01	2.1909e+02	-2.4305e+01
747	1443	0.0000e+00	0.0000e+00	0.0000e+00	3.3943e+00	-3.1944e+01	-2.0399e+01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	1.5355e+01	6.6695e+01	-2.2944e+01
	1830	0.0000e+00	0.0000e+00	0.0000e+00	-8.6707e+00	7.7485e+01	-2.3248e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	2.0770e+01	1.6311e+02	-2.1193e+01
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	-5.4976e+00	-7.1477e+01	-1.9439e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	1.2521e+01	2.3484e+01	-2.3016e+01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-1.0907e+01	3.2184e+01	-2.3211e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	1.1106e+01	1.1656e+02	-2.0032e+01
749	1441	0.0000e+00	0.0000e+00	0.0000e+00	-1.2444e+01	-1.1762e+02	-1.8427e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	1.0720e+01	-2.8715e+01	-2.2422e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-1.3330e+01	-2.0328e+01	-2.2937e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	4.4726e+00	7.5370e+01	-1.9221e+01
750	1440	0.0000e+00	0.0000e+00	0.0000e+00	-2.2115e+01	-1.7155e+02	-1.6808e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	9.0961e+00	-7.6173e+01	-2.0366e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	-1.6760e+01	-6.4857e+01	-2.1801e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-4.2110e+00	3.7733e+01	-1.8365e+01
751	1439	0.0000e+00	0.0000e+00	0.0000e+00	-3.7889e+01	-2.3725e+02	-1.4369e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	6.6373e+00	-1.3151e+02	-1.5873e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-2.2284e+01	-1.1804e+02	-1.8605e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.2833e+01	-1.3226e+01	-1.6916e+01
752	1438	0.0000e+00	0.0000e+00	0.0000e+00	-5.9701e+01	-3.2343e+02	-1.5840e+01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-4.1806e+00	-1.8653e+02	-1.2503e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	-3.0610e+01	-1.8156e+02	-1.1797e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-2.8483e+01	-3.6847e+01	-1.4978e+01
753	31	0.0000e+00	0.0000e+00	0.0000e+00	-1.1493e+02	-4.5640e+02	-3.9792e+01
	86	0.0000e+00	0.0000e+00	0.0000e+00	6.5000e+01	-1.1886e+02	-6.3406e+01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-3.0549e+01	-2.7890e+02	-1.9158e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-5.4060e+01	-4.0158e+01	2.7721e+01
754	1823	0.0000e+00	0.0000e+00	0.0000e+00	-4.7309e+01	3.0178e+02	2.8202e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	-3.9784e+01	1.8938e+02	-5.9627e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.0757e+02	4.2324e+02	2.7367e+01
	77	0.0000e+00	0.0000e+00	0.0000e+00	-9.6418e+01	1.9553e+02	7.4726e+01
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	1.7398e+01	2.5574e+02	-3.6626e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-2.0666e+01	1.6399e+02	-4.7020e+01

	692	0.0000e+00	0.0000e+00	0.0000e+00	-3.8092e+01	3.6373e+02	-4.3720e+01
	1823	0.0000e+00	0.0000e+00	0.0000e+00	-1.9981e+01	2.5683e+02	-3.3456e+01
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	1.3514e+01	2.1093e+02	-3.7416e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.2702e+01	1.2172e+02	-4.1177e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-2.0002e+01	3.1703e+02	-4.3524e+01
	1822	0.0000e+00	0.0000e+00	0.0000e+00	-1.3224e+01	2.2426e+02	-3.9225e+01
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	1.1991e+01	1.6515e+02	-3.4127e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-8.5785e+00	7.8867e+01	-3.6946e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.1265e+01	2.7370e+02	-4.0174e+01
	1821	0.0000e+00	0.0000e+00	0.0000e+00	-1.2664e+01	1.7963e+02	-3.7058e+01
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	1.1150e+01	1.1985e+02	-2.9310e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-8.5980e+00	4.9274e+01	-3.2359e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-4.8167e+00	2.3004e+02	-3.6118e+01
	1820	0.0000e+00	0.0000e+00	0.0000e+00	-1.3222e+01	1.3387e+02	-3.3102e+01
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	1.0383e+01	7.7342e+01	-2.3380e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.3189e+01	-6.1361e+01	-2.7145e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-2.1131e+00	1.8566e+02	-3.1259e+01
	1819	0.0000e+00	0.0000e+00	0.0000e+00	-1.4252e+01	8.9819e+01	-2.8001e+01
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	9.1888e+00	5.0631e+01	-1.7663e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-2.1036e+01	-1.0354e+02	-2.2478e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-8.0810e+00	1.4148e+02	-2.5759e+01
	1818	0.0000e+00	0.0000e+00	0.0000e+00	-1.6165e+01	5.5247e+01	-2.2045e+01
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	7.3368e+00	-6.8946e+01	-1.8214e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-3.2316e+01	-1.5741e+02	-2.2767e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.5952e+01	9.9776e+01	-2.1345e+01
	1817	0.0000e+00	0.0000e+00	0.0000e+00	-1.9396e+01	-5.9103e+01	-1.7414e+01
762	1815	0.0000e+00	0.0000e+00	0.0000e+00	1.1520e+01	-1.0177e+02	-2.2493e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-4.7397e+01	-2.2432e+02	-2.9018e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-2.7084e+01	6.7026e+01	-2.5028e+01
	1816	0.0000e+00	0.0000e+00	0.0000e+00	-2.2049e+01	-1.0408e+02	-1.9375e+01
763	76	0.0000e+00	0.0000e+00	0.0000e+00	4.5602e+01	2.7993e+01	5.6703e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-6.0209e+01	-3.1618e+02	1.9188e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-4.4977e+01	6.3827e+01	-5.0918e+01
	1815	0.0000e+00	0.0000e+00	0.0000e+00	-1.5749e+01	-1.4844e+02	-7.7475e+00
764	1814	0.0000e+00	0.0000e+00	0.0000e+00	2.7720e+01	2.5494e+02	3.5170e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	5.4012e+01	3.4415e+01	-5.3553e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	1.0171e+02	4.1518e+02	4.5780e+01
	76	0.0000e+00	0.0000e+00	0.0000e+00	-5.6842e+01	1.1141e+02	5.4462e+01
765	1813	0.0000e+00	0.0000e+00	0.0000e+00	2.8706e+01	1.6971e+02	2.9458e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	3.4138e+01	3.1491e+01	3.3117e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	5.9910e+01	2.9347e+02	-3.8562e+01
	1814	0.0000e+00	0.0000e+00	0.0000e+00	4.8209e+00	1.7353e+02	-3.4934e+01
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	2.1420e+01	1.1173e+02	3.1158e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	2.0628e+01	4.7953e+00	3.0617e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	4.2399e+01	2.1471e+02	3.1288e+01
	1813	0.0000e+00	0.0000e+00	0.0000e+00	-5.1734e+00	1.2423e+02	3.1532e+01
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	1.5963e+01	6.2182e+01	3.3116e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	1.2961e+01	-3.0588e+01	3.1391e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	2.7605e+01	1.5572e+02	3.0684e+01
	1812	0.0000e+00	0.0000e+00	0.0000e+00	-8.0152e+00	7.3471e+01	3.2256e+01
768	1810	0.0000e+00	0.0000e+00	0.0000e+00	1.2190e+01	1.7757e+01	3.3140e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	-1.3280e+01	-6.7892e+01	3.1129e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	1.7119e+01	1.0859e+02	3.1570e+01
	1811	0.0000e+00	0.0000e+00	0.0000e+00	-1.0651e+01	2.7732e+01	3.3527e+01
769	1809	0.0000e+00	0.0000e+00	0.0000e+00	9.4284e+00	-2.9367e+01	3.0196e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-2.0967e+01	-1.1143e+02	2.8164e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	1.1496e+01	6.8908e+01	3.0741e+01
	1810	0.0000e+00	0.0000e+00	0.0000e+00	-1.3849e+01	-1.9172e+01	3.2762e+01
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	7.1088e+00	-7.7602e+01	2.3530e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-3.2842e+01	-1.6428e+02	2.1752e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-1.4561e+01	3.3618e+01	2.6995e+01
	1809	0.0000e+00	0.0000e+00	0.0000e+00	-1.8206e+01	-6.5422e+01	2.8840e+01
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	4.5102e+00	-1.3290e+02	1.4029e+01

	562	0.0000e+00	0.0000e+00	0.0000e+00	-4.9320e+01	-2.3092e+02	1.3828e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-2.4358e+01	-3.8499e+00	1.9913e+01
	1808	0.0000e+00	0.0000e+00	0.0000e+00	-2.4363e+01	-1.1892e+02	2.0821e+01
772	1806	0.0000e+00	0.0000e+00	0.0000e+00	-3.7432e+00	-1.8730e+02	-1.3753e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-6.7945e+01	-3.1904e+02	-1.8379e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-3.9596e+01	-3.0062e+01	1.4357e+01
	1807	0.0000e+00	0.0000e+00	0.0000e+00	-3.1932e+01	-1.8328e+02	1.0418e+01
773	75	0.0000e+00	0.0000e+00	0.0000e+00	4.8538e+01	-1.1469e+02	5.4933e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	-8.2184e+01	-4.4937e+02	2.6056e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-6.0276e+01	-3.5187e+01	-3.9395e+01
	1806	0.0000e+00	0.0000e+00	0.0000e+00	-2.5524e+01	-2.7260e+02	8.8072e+00
774	1805	0.0000e+00	0.0000e+00	0.0000e+00	3.1698e+01	2.7048e+02	4.9781e+00
	459	0.0000e+00	0.0000e+00	0.0000e+00	6.7787e+01	2.8113e+01	-2.6172e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.0337e+02	4.4795e+02	3.2949e+01
	74	0.0000e+00	0.0000e+00	0.0000e+00	-3.5331e+01	1.1279e+02	4.7974e+01
775	1804	0.0000e+00	0.0000e+00	0.0000e+00	3.2907e+01	1.8002e+02	1.0061e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	3.8213e+01	2.9075e+01	1.4532e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	7.1615e+01	3.1435e+02	-1.2749e+01
	1805	0.0000e+00	0.0000e+00	0.0000e+00	5.7856e+00	1.8469e+02	-9.6339e+00
776	1803	0.0000e+00	0.0000e+00	0.0000e+00	2.3770e+01	1.1699e+02	2.3300e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	2.0984e+01	2.7444e+00	2.2939e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	4.7070e+01	2.2698e+02	1.5373e+01
	1804	0.0000e+00	0.0000e+00	0.0000e+00	-3.6303e+00	1.3069e+02	1.5498e+01
777	1802	0.0000e+00	0.0000e+00	0.0000e+00	1.7430e+01	6.5033e+01	3.0910e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	9.6189e+00	-3.0494e+01	2.9076e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	2.9581e+01	1.6169e+02	2.4441e+01
	1803	0.0000e+00	0.0000e+00	0.0000e+00	-6.5177e+00	7.6798e+01	2.6248e+01
778	1801	0.0000e+00	0.0000e+00	0.0000e+00	1.3147e+01	1.9720e+01	3.3645e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	-2.9552e+00	-6.4059e+01	3.1574e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	1.7261e+01	1.0997e+02	3.0029e+01
	1802	0.0000e+00	0.0000e+00	0.0000e+00	-8.6833e+00	2.9886e+01	3.2098e+01
779	1800	0.0000e+00	0.0000e+00	0.0000e+00	9.9855e+00	-2.3271e+01	3.2336e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.1049e+01	-1.0127e+02	3.0432e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	7.1844e+00	6.7328e+01	3.1754e+01
	1801	0.0000e+00	0.0000e+00	0.0000e+00	-1.1155e+01	-1.3459e+01	3.3660e+01
780	1799	0.0000e+00	0.0000e+00	0.0000e+00	7.2982e+00	-6.7126e+01	2.6690e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-2.2520e+01	-1.4496e+02	2.5234e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-4.1601e+00	3.0841e+01	2.9763e+01
	1800	0.0000e+00	0.0000e+00	0.0000e+00	-1.4616e+01	-5.6382e+01	3.1226e+01
781	1798	0.0000e+00	0.0000e+00	0.0000e+00	4.4286e+00	-1.1497e+02	1.5680e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	-3.7958e+01	-1.9935e+02	1.5256e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.4855e+01	-2.6182e+00	2.3583e+01
	1799	0.0000e+00	0.0000e+00	0.0000e+00	-1.9773e+01	-1.0319e+02	2.4055e+01
782	1797	0.0000e+00	0.0000e+00	0.0000e+00	-2.1885e+00	-1.5961e+02	3.1164e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-5.5772e+01	-2.7207e+02	4.7197e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	-3.0118e+01	-2.8344e+01	1.1674e+01
	1798	0.0000e+00	0.0000e+00	0.0000e+00	-2.6469e+01	-1.5774e+02	1.1014e+01
783	73	0.0000e+00	0.0000e+00	0.0000e+00	4.4517e+01	-8.1340e+01	6.1267e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	-5.9445e+01	-3.8419e+02	3.2604e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	-5.0837e+01	-2.7270e+01	-1.6322e+01
	1797	0.0000e+00	0.0000e+00	0.0000e+00	-1.8393e+01	-2.3439e+02	1.4327e+01
784	1371	0.0000e+00	0.0000e+00	0.0000e+00	5.3829e+01	4.1746e+01	3.6834e+01
	1796	0.0000e+00	0.0000e+00	0.0000e+00	2.2556e+01	2.7251e+02	-1.9675e+01
	85	0.0000e+00	0.0000e+00	0.0000e+00	-5.8540e+01	1.0360e+02	-6.3069e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	8.2831e+01	4.4122e+02	-3.5578e+01
785	1370	0.0000e+00	0.0000e+00	0.0000e+00	3.0955e+01	3.8245e+01	-1.8979e+01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	2.9576e+01	1.8262e+02	-1.6631e+01
	1796	0.0000e+00	0.0000e+00	0.0000e+00	2.9938e+00	1.8589e+02	1.9422e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	5.9820e+01	3.1677e+02	-2.1749e+01
786	1369	0.0000e+00	0.0000e+00	0.0000e+00	1.5789e+01	7.8432e+00	-1.8713e+01
	1794	0.0000e+00	0.0000e+00	0.0000e+00	2.2359e+01	1.2049e+02	-1.9950e+01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	-5.7728e+00	1.3373e+02	-1.8403e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	4.0260e+01	2.3397e+02	-1.7764e+01

787 1368 0.0000e+00 0.0000e+00 0.0000e+00 6.9973e+00 -3.0913e+01 -1.9993e+01  
1793 0.0000e+00 0.0000e+00 0.0000e+00 1.7086e+01 6.8265e+01 -2.3124e+01  
1794 0.0000e+00 0.0000e+00 0.0000e+00 -7.9840e+00 7.9505e+01 -2.1418e+01  
1369 0.0000e+00 0.0000e+00 0.0000e+00 2.4998e+01 1.7023e+02 -1.8651e+01

788 1367 0.0000e+00 0.0000e+00 0.0000e+00 -2.1888e+00 -6.8094e+01 -2.0728e+01  
1792 0.0000e+00 0.0000e+00 0.0000e+00 1.3747e+01 2.2489e+01 -2.4581e+01  
1793 0.0000e+00 0.0000e+00 0.0000e+00 -9.4665e+00 3.1849e+01 -2.3806e+01  
1368 0.0000e+00 0.0000e+00 0.0000e+00 1.5578e+01 1.1756e+02 -2.0134e+01

789 1366 0.0000e+00 0.0000e+00 0.0000e+00 -6.7204e+00 -1.0764e+02 -2.0718e+01  
1791 0.0000e+00 0.0000e+00 0.0000e+00 1.1364e+01 -2.2733e+01 -2.4422e+01  
1792 0.0000e+00 0.0000e+00 0.0000e+00 -1.1072e+01 -1.4073e+01 -2.4620e+01  
1367 0.0000e+00 0.0000e+00 0.0000e+00 8.8510e+00 7.2070e+01 -2.1010e+01

790 1365 0.0000e+00 0.0000e+00 0.0000e+00 -1.5684e+01 -1.5162e+02 -1.9104e+01  
1790 0.0000e+00 0.0000e+00 0.0000e+00 9.0855e+00 -6.7038e+01 -2.1797e+01  
1791 0.0000e+00 0.0000e+00 0.0000e+00 -1.3656e+01 -5.6860e+01 -2.3710e+01  
1366 0.0000e+00 0.0000e+00 0.0000e+00 2.8346e+00 3.1761e+01 -2.1061e+01

791 1364 0.0000e+00 0.0000e+00 0.0000e+00 -3.0754e+01 -2.0409e+02 -1.4189e+01  
1789 0.0000e+00 0.0000e+00 0.0000e+00 6.0180e+00 -1.1524e+02 -1.4711e+01  
1790 0.0000e+00 0.0000e+00 0.0000e+00 -1.8241e+01 -1.0369e+02 -1.9731e+01  
1365 0.0000e+00 0.0000e+00 0.0000e+00 -7.8127e+00 -6.4322e+00 -1.9213e+01

792 1363 0.0000e+00 0.0000e+00 0.0000e+00 -5.1002e+01 -2.7342e+02 -8.0767e+00  
1788 0.0000e+00 0.0000e+00 0.0000e+00 -2.1157e+00 -1.5933e+02 -5.6277e+00  
1789 0.0000e+00 0.0000e+00 0.0000e+00 -2.5110e+01 -1.5765e+02 -1.0314e+01  
1364 0.0000e+00 0.0000e+00 0.0000e+00 -2.3406e+01 -3.4050e+01 -1.2588e+01

793 29 0.0000e+00 0.0000e+00 0.0000e+00 -7.2348e+01 -3.8336e+02 -4.4343e+01  
84 0.0000e+00 0.0000e+00 0.0000e+00 5.4153e+01 -7.1587e+01 -7.0052e+01  
1788 0.0000e+00 0.0000e+00 0.0000e+00 -1.7983e+01 -2.3792e+02 -1.9097e+01  
1363 0.0000e+00 0.0000e+00 0.0000e+00 -4.7929e+01 -3.0110e+01 8.7819e+00

794 1296 0.0000e+00 0.0000e+00 0.0000e+00 4.7945e+01 3.0060e+01 8.8129e+00  
1787 0.0000e+00 0.0000e+00 0.0000e+00 1.8022e+01 2.3795e+02 -1.9104e+01  
82 0.0000e+00 0.0000e+00 0.0000e+00 -5.4184e+01 7.1663e+01 -7.0035e+01  
27 0.0000e+00 0.0000e+00 0.0000e+00 7.2487e+01 3.8347e+02 -4.4341e+01

795 1295 0.0000e+00 0.0000e+00 0.0000e+00 2.3416e+01 3.3990e+01 -1.2595e+01  
1786 0.0000e+00 0.0000e+00 0.0000e+00 2.5123e+01 1.5764e+02 -1.0317e+01  
1787 0.0000e+00 0.0000e+00 0.0000e+00 2.1223e+00 1.5933e+02 -5.6419e+00  
1296 0.0000e+00 0.0000e+00 0.0000e+00 5.1024e+01 2.7348e+02 -8.0974e+00

796 1294 0.0000e+00 0.0000e+00 0.0000e+00 7.8222e+00 6.3913e+00 -1.9205e+01  
1785 0.0000e+00 0.0000e+00 0.0000e+00 1.8249e+01 1.0366e+02 -1.9725e+01  
1786 0.0000e+00 0.0000e+00 0.0000e+00 -6.0199e+00 1.1521e+02 -1.4714e+01  
1295 0.0000e+00 0.0000e+00 0.0000e+00 3.0767e+01 2.0410e+02 -1.4190e+01

797 1293 0.0000e+00 0.0000e+00 0.0000e+00 -2.8366e+00 -3.1829e+01 -2.1044e+01  
1784 0.0000e+00 0.0000e+00 0.0000e+00 1.3661e+01 5.6810e+01 -2.3695e+01  
1785 0.0000e+00 0.0000e+00 0.0000e+00 -9.0862e+00 6.6991e+01 -2.1788e+01  
1294 0.0000e+00 0.0000e+00 0.0000e+00 1.5695e+01 1.5160e+02 -1.9093e+01

798 1292 0.0000e+00 0.0000e+00 0.0000e+00 -8.8430e+00 -7.2130e+01 -2.0984e+01  
1783 0.0000e+00 0.0000e+00 0.0000e+00 1.1077e+01 1.4024e+01 -2.4596e+01  
1784 0.0000e+00 0.0000e+00 0.0000e+00 -1.1363e+01 2.2680e+01 -2.4404e+01  
1293 0.0000e+00 0.0000e+00 0.0000e+00 6.7322e+00 1.0760e+02 -2.0698e+01

799 1291 0.0000e+00 0.0000e+00 0.0000e+00 -1.5565e+01 -1.1761e+02 -2.0105e+01  
1782 0.0000e+00 0.0000e+00 0.0000e+00 9.4692e+00 -3.1908e+01 -2.3776e+01  
1783 0.0000e+00 0.0000e+00 0.0000e+00 -1.3743e+01 -2.2548e+01 -2.4555e+01  
1292 0.0000e+00 0.0000e+00 0.0000e+00 2.1955e+00 6.8036e+01 -2.0702e+01

800 1290 0.0000e+00 0.0000e+00 0.0000e+00 -2.4979e+01 -1.7025e+02 -1.8626e+01  
1781 0.0000e+00 0.0000e+00 0.0000e+00 7.9856e+00 -7.9555e+01 -2.1391e+01  
1782 0.0000e+00 0.0000e+00 0.0000e+00 -1.7079e+01 -6.8317e+01 -2.3094e+01  
1291 0.0000e+00 0.0000e+00 0.0000e+00 -6.9878e+00 3.0846e+01 -1.9963e+01

801 1289 0.0000e+00 0.0000e+00 0.0000e+00 -4.0233e+01 -2.3395e+02 -1.7761e+01  
1780 0.0000e+00 0.0000e+00 0.0000e+00 5.7735e+00 -1.3376e+02 -1.8396e+01  
1781 0.0000e+00 0.0000e+00 0.0000e+00 -2.2347e+01 -1.2053e+02 -1.9925e+01  
1290 0.0000e+00 0.0000e+00 0.0000e+00 -1.5774e+01 -7.9045e+00 -1.8690e+01

802 1288 0.0000e+00 0.0000e+00 0.0000e+00 -5.9778e+01 -3.1670e+02 -2.1778e+01  
1779 0.0000e+00 0.0000e+00 0.0000e+00 -3.0012e+00 -1.8588e+02 1.9444e+01  
1780 0.0000e+00 0.0000e+00 0.0000e+00 -2.9558e+01 -1.8263e+02 -1.6633e+01

	1289	0.0000e+00	0.0000e+00	0.0000e+00	-3.0932e+01	-3.8320e+01	-1.8989e+01
803	26	0.0000e+00	0.0000e+00	0.0000e+00	-8.2822e+01	-4.4106e+02	-3.5549e+01
	81	0.0000e+00	0.0000e+00	0.0000e+00	5.8511e+01	-1.0354e+02	-6.3042e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-2.2545e+01	-2.7246e+02	-1.9650e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-5.3796e+01	-4.1822e+01	3.6903e+01
804	1778	0.0000e+00	0.0000e+00	0.0000e+00	1.8275e+01	2.3455e+02	1.4886e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	5.0255e+01	2.7153e+01	-1.6370e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	5.8878e+01	3.8484e+02	3.2400e+01
	71	0.0000e+00	0.0000e+00	0.0000e+00	-4.5483e+01	8.2319e+01	6.1600e+01
805	1777	0.0000e+00	0.0000e+00	0.0000e+00	2.6455e+01	1.5757e+02	1.1318e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	3.0021e+01	2.7913e+01	1.1780e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	5.5453e+01	2.7242e+02	5.0780e+00
	1778	0.0000e+00	0.0000e+00	0.0000e+00	1.9521e+00	1.5952e+02	3.7615e+00
806	1776	0.0000e+00	0.0000e+00	0.0000e+00	1.9803e+01	1.0289e+02	2.4153e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	1.4860e+01	1.6435e+00	2.3611e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	3.7931e+01	1.9944e+02	1.5391e+01
	1777	0.0000e+00	0.0000e+00	0.0000e+00	-4.4920e+00	1.1469e+02	1.5888e+01
807	1775	0.0000e+00	0.0000e+00	0.0000e+00	1.4649e+01	5.5979e+01	3.1216e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	4.1646e+00	-3.1304e+01	2.9726e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	2.2555e+01	1.4481e+02	2.5264e+01
	1776	0.0000e+00	0.0000e+00	0.0000e+00	-7.3162e+00	6.6738e+01	2.6747e+01
808	1774	0.0000e+00	0.0000e+00	0.0000e+00	1.1179e+01	1.2985e+01	3.3575e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-7.0926e+00	-6.7767e+01	3.1656e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	1.1088e+01	1.0094e+02	3.0386e+01
	1775	0.0000e+00	0.0000e+00	0.0000e+00	-9.9771e+00	2.2810e+01	3.2303e+01
809	1773	0.0000e+00	0.0000e+00	0.0000e+00	8.6969e+00	-3.0324e+01	3.1957e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-1.7148e+01	-1.1030e+02	2.9883e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	2.8871e+00	6.3586e+01	3.1467e+01
	1774	0.0000e+00	0.0000e+00	0.0000e+00	-1.3116e+01	-2.0152e+01	3.3542e+01
810	1772	0.0000e+00	0.0000e+00	0.0000e+00	6.5167e+00	-7.7177e+01	2.6077e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-2.9442e+01	-1.6183e+02	2.4280e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-9.5039e+00	2.9902e+01	2.8928e+01
	1773	0.0000e+00	0.0000e+00	0.0000e+00	-1.7375e+01	-6.5427e+01	3.0754e+01
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	3.5934e+00	-1.3094e+02	1.5400e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-4.6942e+01	-2.2683e+02	1.5319e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-2.0873e+01	-2.4028e+00	2.2801e+01
	1772	0.0000e+00	0.0000e+00	0.0000e+00	-2.3698e+01	-1.1726e+02	2.3119e+01
812	1770	0.0000e+00	0.0000e+00	0.0000e+00	-5.7923e+00	-1.8468e+02	-1.0071e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	-7.1653e+01	-3.1382e+02	-1.3063e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-3.8160e+01	-2.9567e+01	1.4592e+01
	1771	0.0000e+00	0.0000e+00	0.0000e+00	-3.2851e+01	-1.8011e+02	1.0034e+01
813	70	0.0000e+00	0.0000e+00	0.0000e+00	3.4334e+01	-1.1181e+02	4.7628e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0361e+02	-4.4695e+02	3.2995e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	-6.8014e+01	-2.8506e+01	-2.6481e+01
	1770	0.0000e+00	0.0000e+00	0.0000e+00	-3.1722e+01	-2.7021e+02	4.5749e+00
814	1769	0.0000e+00	0.0000e+00	0.0000e+00	2.5976e+01	2.7402e+02	1.0219e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	6.0429e+01	3.5472e+01	-3.9687e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	8.3131e+01	4.5189e+02	2.6613e+01
	69	0.0000e+00	0.0000e+00	0.0000e+00	-4.8948e+01	1.1739e+02	5.5378e+01
815	1768	0.0000e+00	0.0000e+00	0.0000e+00	3.2100e+01	1.8416e+02	1.2008e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	3.9708e+01	3.0123e+01	1.5797e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	6.8231e+01	3.2077e+02	-1.9126e+01
	1769	0.0000e+00	0.0000e+00	0.0000e+00	3.7567e+00	1.8834e+02	-1.4466e+01
816	1767	0.0000e+00	0.0000e+00	0.0000e+00	2.4477e+01	1.1947e+02	2.2166e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	2.4367e+01	3.8090e+00	2.1306e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	4.9505e+01	2.3211e+02	1.5424e+01
	1768	0.0000e+00	0.0000e+00	0.0000e+00	-4.5319e+00	1.3350e+02	1.5607e+01
817	1766	0.0000e+00	0.0000e+00	0.0000e+00	1.8282e+01	6.5691e+01	2.9908e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	1.4473e+01	-3.3840e+01	2.8091e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	3.2918e+01	1.6510e+02	2.3074e+01
	1767	0.0000e+00	0.0000e+00	0.0000e+00	-7.1367e+00	7.7918e+01	2.4802e+01
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	1.3894e+01	1.9167e+01	3.3576e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-1.1471e+01	-6.9320e+01	3.1565e+01

	227	0.0000e+00	0.0000e+00	0.0000e+00	2.0945e+01	1.1199e+02	2.9207e+01
	1766	0.0000e+00	0.0000e+00	0.0000e+00	-9.4855e+00	2.9423e+01	3.1211e+01
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	1.0677e+01	-2.7897e+01	3.3998e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.7316e+01	-1.0929e+02	3.2025e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	1.3224e+01	6.8280e+01	3.1884e+01
	1765	0.0000e+00	0.0000e+00	0.0000e+00	-1.2292e+01	-1.7864e+01	3.3890e+01
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	8.0288e+00	-7.3966e+01	3.2162e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-2.7961e+01	-1.5685e+02	3.0546e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.3066e+01	3.0865e+01	3.1737e+01
	1764	0.0000e+00	0.0000e+00	0.0000e+00	-1.6120e+01	-6.2619e+01	3.3486e+01
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	5.1787e+00	-1.2514e+02	3.0494e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-4.2793e+01	-2.1648e+02	3.0276e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-2.0878e+01	-4.9345e+00	3.0311e+01
	1763	0.0000e+00	0.0000e+00	0.0000e+00	-2.1624e+01	-1.1255e+02	3.0863e+01
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	-4.9735e+00	-1.7508e+02	-3.2913e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	-6.0019e+01	-2.9609e+02	-3.6974e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-3.4332e+01	-3.1613e+01	3.1984e+01
	1762	0.0000e+00	0.0000e+00	0.0000e+00	-2.8913e+01	-1.7104e+02	2.8013e+01
823	68	0.0000e+00	0.0000e+00	0.0000e+00	5.6859e+01	-1.1474e+02	5.4390e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.0227e+02	-4.1883e+02	4.5560e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	-5.3626e+01	-3.5164e+01	-5.2101e+01
	1761	0.0000e+00	0.0000e+00	0.0000e+00	-2.7945e+01	-2.5708e+02	3.2974e+01
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	1.5794e+01	1.4759e+02	-8.4180e+00
	117	0.0000e+00	0.0000e+00	0.0000e+00	4.4606e+01	-6.3578e+01	-5.1020e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	6.0294e+01	3.1408e+02	1.9634e+01
	68	0.0000e+00	0.0000e+00	0.0000e+00	-4.2953e+01	-3.3223e+01	5.6744e+01
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	2.1904e+01	1.0365e+02	-1.9733e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	2.6989e+01	-6.6017e+01	-2.5033e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	4.7088e+01	2.2308e+02	-2.9079e+01
	1760	0.0000e+00	0.0000e+00	0.0000e+00	-1.1566e+01	1.0141e+02	-2.2740e+01
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	1.9288e+01	5.8639e+01	-1.7588e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	1.6124e+01	-9.8627e+01	-2.1255e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	3.2244e+01	1.5669e+02	-2.2838e+01
	1759	0.0000e+00	0.0000e+00	0.0000e+00	-7.2353e+00	6.8550e+01	-1.8487e+01
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	1.6072e+01	-5.4450e+01	-2.1960e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	8.4218e+00	-1.4043e+02	-2.5573e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	2.1100e+01	1.0308e+02	-2.2430e+01
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-9.1834e+00	-4.9893e+01	-1.7717e+01
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	1.4169e+01	-8.9006e+01	-2.7753e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-2.4195e+00	-1.8479e+02	-3.0987e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	1.3247e+01	6.0775e+01	-2.6976e+01
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-1.0402e+01	-7.6518e+01	-2.3225e+01
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	1.3156e+01	-1.3314e+02	-3.2726e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	4.2207e+00	-2.2941e+02	-3.5766e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	8.4424e+00	-4.8018e+01	-3.2097e+01
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-1.1156e+01	-1.1909e+02	-2.9013e+01
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	1.2636e+01	-1.7902e+02	-3.6541e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	1.0622e+01	-2.7333e+02	-3.9748e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	8.0952e+00	-7.7511e+01	-3.6614e+01
	1755	0.0000e+00	0.0000e+00	0.0000e+00	-1.1944e+01	-1.6451e+02	-3.3697e+01
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	1.3280e+01	-2.2381e+02	-3.8504e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	1.9453e+01	-3.1687e+02	-4.3027e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	1.2170e+01	-1.2047e+02	-4.0803e+01
	1754	0.0000e+00	0.0000e+00	0.0000e+00	-1.3373e+01	-2.1044e+02	-3.6813e+01
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	2.0188e+01	-2.5666e+02	-3.2469e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	3.8093e+01	-3.6359e+02	-4.3213e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	2.0379e+01	-1.6298e+02	-4.6646e+01
	1753	0.0000e+00	0.0000e+00	0.0000e+00	-1.7163e+01	-2.5537e+02	-3.5760e+01
833	67	0.0000e+00	0.0000e+00	0.0000e+00	9.7276e+01	-1.9547e+02	7.4601e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	1.0804e+02	-4.2275e+02	2.7384e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	4.0408e+01	-1.8892e+02	-5.9336e+01
	1752	0.0000e+00	0.0000e+00	0.0000e+00	4.6968e+01	-3.0157e+02	2.7532e+01
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	5.4116e+01	4.0039e+01	2.7920e+01

	1751	0.0000e+00	0.0000e+00	0.0000e+00	3.0613e+01	2.7911e+02	-1.9340e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	-6.5060e+01	1.1916e+02	-6.3453e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	1.1517e+02	4.5677e+02	-3.9917e+01
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	2.8531e+01	3.6756e+01	-1.5216e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	3.0640e+01	1.8165e+02	-1.2013e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	4.1827e+00	1.8665e+02	-1.2718e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	5.9769e+01	3.2366e+02	-1.6078e+01
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	1.2887e+01	1.3084e+01	-1.7075e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	2.2303e+01	1.1808e+02	-1.8762e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-6.6390e+00	1.3156e+02	-1.6082e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	3.7942e+01	2.3739e+02	-1.4586e+01
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	4.2971e+00	-3.7745e+01	-1.8457e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	1.6773e+01	6.4862e+01	-2.1904e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-9.0981e+00	7.6183e+01	-2.0511e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.2159e+01	1.7162e+02	-1.6951e+01
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	-4.5076e+00	-7.5404e+01	-1.9262e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	1.3337e+01	2.0321e+01	-2.2995e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	-1.0719e+01	2.8703e+01	-2.2514e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	1.2484e+01	1.1764e+02	-1.8509e+01
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	-1.1109e+01	-1.1657e+02	-2.0044e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	1.0910e+01	-3.2231e+01	-2.3237e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	-1.2515e+01	-2.3529e+01	-2.3064e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	5.5443e+00	7.1443e+01	-1.9477e+01
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	-2.0771e+01	-1.6308e+02	-2.1208e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	8.6709e+00	-7.7527e+01	-2.3262e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	-1.5341e+01	-6.6738e+01	-2.2961e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-3.4540e+00	3.1833e+01	-2.0417e+01
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	-3.6033e+01	-2.1897e+02	-2.4369e+01
	1744	0.0000e+00	0.0000e+00	0.0000e+00	5.8060e+00	-1.2788e+02	-2.4758e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	-2.0119e+01	-1.1562e+02	-2.2693e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-1.2433e+01	-1.7357e+01	-2.1993e+01
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	-5.5397e+01	-2.9232e+02	3.1283e+01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-5.6907e+00	-1.7398e+02	2.7339e+01
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-2.6996e+01	-1.7249e+02	-2.3186e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-2.7914e+01	-4.3371e+01	-2.7402e+01
843	24	0.0000e+00	0.0000e+00	0.0000e+00	-1.1723e+02	-4.0517e+02	-3.3726e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	5.2841e+01	-1.0609e+02	-6.1041e+01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-3.0672e+01	-2.5296e+02	-2.1779e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-5.1085e+01	-4.7662e+01	5.3156e+01
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	4.4219e+01	-6.2416e+01	5.1081e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	3.0724e+01	1.5218e+02	-2.4544e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	-5.8425e+01	-7.5047e+01	-6.2632e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	1.2368e+02	3.3169e+02	-4.2830e+01
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	1.5636e+01	-6.6734e+01	3.2147e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	2.4370e+01	7.6724e+01	2.5929e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-1.1932e+01	8.1922e+01	2.7683e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	4.2942e+01	2.2268e+02	3.3925e+01
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	3.8331e+00	-1.0758e+02	2.4644e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	1.8671e+01	1.5996e+01	2.3646e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-8.3756e+00	3.1910e+01	2.7917e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	2.1782e+01	1.4975e+02	2.9164e+01
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	-2.7997e+00	-1.5606e+02	1.9737e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	1.5593e+01	-4.2518e+01	1.8758e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-1.0947e+01	-2.6478e+01	2.2918e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	1.1158e+01	8.9444e+01	2.3641e+01
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	2.8307e+00	-2.0526e+02	1.6507e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	1.4519e+01	-9.5501e+01	1.3670e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	-1.1698e+01	-8.0112e+01	1.7634e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	8.0686e+00	3.3293e+01	1.9384e+01
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	4.0951e+00	-2.5178e+02	1.4380e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	1.4196e+01	-1.4655e+02	8.7914e+00
	1738	0.0000e+00	0.0000e+00	0.0000e+00	-1.1215e+01	-1.3154e+02	1.2459e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	9.0684e+00	-2.3968e+01	1.6181e+01

850	1146	0.0000e+00	0.0000e+00	0.0000e+00	6.1718e+00	-2.9321e+02	1.3484e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	1.3564e+01	-1.9566e+02	5.5418e+00
	1737	0.0000e+00	0.0000e+00	0.0000e+00	-1.0284e+01	-1.8067e+02	7.8167e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	1.1611e+01	-7.9428e+01	1.3601e+01
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	5.6858e+00	-3.2836e+02	1.5086e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	1.1969e+01	-2.4127e+02	8.8749e+00
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-9.6362e+00	-2.2754e+02	6.2784e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	1.2963e+01	-1.3397e+02	1.2271e+01
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	-5.8827e+00	-3.5957e+02	1.6712e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	1.3756e+01	-2.6843e+02	1.1360e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-7.9563e+00	-2.7208e+02	1.0052e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	9.6177e+00	-1.8124e+02	1.5471e+01
853	23	0.0000e+00	0.0000e+00	0.0000e+00	3.9401e+01	-3.9108e+02	-4.2187e+01
	78	0.0000e+00	0.0000e+00	0.0000e+00	4.4181e+01	-1.4209e+02	-7.0973e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	2.1584e+01	-3.0335e+02	-8.4453e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-7.2734e+00	-2.0237e+02	2.8966e+01
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	9.4598e+01	1.7456e+02	1.6084e+02
	90	0.0000e+00	0.0000e+00	0.0000e+00	3.1021e+02	-1.2350e+02	-1.2721e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	2.4338e+02	7.1825e+02	1.9401e+02
	196	0.0000e+00	0.0000e+00	0.0000e+00	-1.9150e+02	2.2323e+01	3.6698e+02
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	-8.0141e+01	2.2340e+01	1.6936e+02
	1733	0.0000e+00	0.0000e+00	0.0000e+00	-3.7794e+01	4.9364e+01	2.0158e+02
	196	0.0000e+00	0.0000e+00	0.0000e+00	6.4084e+01	9.5690e+00	2.4257e+02
	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.0374e+02	-4.7792e+01	2.1033e+02
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	-9.2019e+01	-6.7820e+00	1.3710e+02
	1732	0.0000e+00	0.0000e+00	0.0000e+00	-9.1409e+01	-7.8707e+00	1.7978e+02
	185	0.0000e+00	0.0000e+00	0.0000e+00	-2.2685e+01	-4.9703e+01	1.8078e+02
	174	0.0000e+00	0.0000e+00	0.0000e+00	-9.4223e+01	-5.4109e+01	1.3816e+02
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	-1.0008e+02	-9.2974e+00	9.1016e+01
	1731	0.0000e+00	0.0000e+00	0.0000e+00	-1.0246e+02	-1.1051e+01	1.2878e+02
	174	0.0000e+00	0.0000e+00	0.0000e+00	-3.9405e+01	-5.1890e+01	1.2440e+02
	163	0.0000e+00	0.0000e+00	0.0000e+00	-9.2527e+01	-4.5298e+01	8.6849e+01
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0366e+02	-9.1237e+00	5.0148e+01
	1730	0.0000e+00	0.0000e+00	0.0000e+00	-1.0567e+02	-9.0653e+00	8.1326e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	-6.0252e+01	-4.3428e+01	7.7985e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-8.8787e+01	-3.6419e+01	4.7511e+01
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	-1.0313e+02	-8.7937e+00	-2.3702e+01
	1729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0474e+02	-6.0060e+00	4.1994e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-7.7346e+01	-3.5949e+01	4.1242e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-7.9317e+01	-2.9951e+01	-2.5282e+01
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	-9.7052e+01	-8.5369e+00	-3.9004e+01
	1728	0.0000e+00	0.0000e+00	0.0000e+00	-9.8931e+01	-3.4600e+00	-2.3540e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-9.0665e+01	-3.1039e+01	-2.5428e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-6.2828e+01	-2.5797e+01	-4.0713e+01
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	-8.2309e+01	-7.3111e+00	-6.8957e+01
	1727	0.0000e+00	0.0000e+00	0.0000e+00	-8.6291e+01	5.0844e+00	-4.5185e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.0039e+02	-2.7979e+01	-4.6749e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-4.4757e+01	-2.1634e+01	-7.0396e+01
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	-4.6750e+01	1.0748e+01	-8.8185e+01
	1726	0.0000e+00	0.0000e+00	0.0000e+00	-6.5338e+01	1.6316e+01	-6.9693e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-1.0727e+02	-2.3048e+01	-8.0949e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	6.4260e+01	2.4961e+01	-9.9649e+01
863	89	0.0000e+00	0.0000e+00	0.0000e+00	1.3102e+02	-5.1505e+01	-2.5375e+01
	1725	0.0000e+00	0.0000e+00	0.0000e+00	4.9061e+01	7.0280e+01	-7.8797e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-1.2323e+02	2.1055e+01	-1.4000e+02
	1	0.0000e+00	0.0000e+00	0.0000e+00	1.6464e+02	2.5106e+02	-8.4010e+01
864	773	0.0000e+00	0.0000e+00	0.0000e+00	1.9224e+02	-2.2298e+01	3.6706e+02
	22	0.0000e+00	0.0000e+00	0.0000e+00	-2.4293e+02	-7.1826e+02	1.9411e+02
	96	0.0000e+00	0.0000e+00	0.0000e+00	-3.1000e+02	1.2353e+02	-1.2606e+01
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-9.4154e+01	-1.7457e+02	1.6093e+02
865	763	0.0000e+00	0.0000e+00	0.0000e+00	1.0498e+02	4.7790e+01	2.1042e+02
	773	0.0000e+00	0.0000e+00	0.0000e+00	-6.3234e+01	-9.5094e+00	2.4266e+02
	1724	0.0000e+00	0.0000e+00	0.0000e+00	3.8488e+01	-4.9357e+01	2.0167e+02



	1723	0.0000e+00	0.0000e+00	0.0000e+00	8.0694e+01	-2.2356e+01	1.6945e+02
866	753	0.0000e+00	0.0000e+00	0.0000e+00	9.5801e+01	5.4104e+01	1.3826e+02
	763	0.0000e+00	0.0000e+00	0.0000e+00	2.2169e+01	4.9687e+01	1.8087e+02
	1723	0.0000e+00	0.0000e+00	0.0000e+00	9.2244e+01	7.8948e+00	1.7988e+02
	1722	0.0000e+00	0.0000e+00	0.0000e+00	9.2939e+01	6.7860e+00	1.3721e+02
867	743	0.0000e+00	0.0000e+00	0.0000e+00	9.4310e+01	4.5282e+01	8.6997e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	4.0167e+01	5.1872e+01	1.2451e+02
	1722	0.0000e+00	0.0000e+00	0.0000e+00	1.0357e+02	1.1061e+01	1.2890e+02
	1721	0.0000e+00	0.0000e+00	0.0000e+00	1.0127e+02	9.2945e+00	9.1159e+01
868	733	0.0000e+00	0.0000e+00	0.0000e+00	9.0650e+01	3.6401e+01	4.7774e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	6.1483e+01	4.3406e+01	7.8151e+01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	1.0701e+02	9.0625e+00	8.1482e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	1.0506e+02	9.1215e+00	5.0378e+01
869	723	0.0000e+00	0.0000e+00	0.0000e+00	8.1086e+01	2.9977e+01	-2.5733e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	7.8917e+01	3.5933e+01	4.1544e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	1.0621e+02	6.0045e+00	4.2259e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	1.0464e+02	8.7926e+00	-2.4103e+01
870	713	0.0000e+00	0.0000e+00	0.0000e+00	6.4215e+01	2.5965e+01	-4.0921e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	9.2532e+01	3.1068e+01	-2.5848e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	1.0042e+02	3.5755e+00	-2.3924e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	9.8552e+01	8.5352e+00	-3.9169e+01
871	703	0.0000e+00	0.0000e+00	0.0000e+00	4.5189e+01	2.2149e+01	-7.0434e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	1.0249e+02	2.8111e+01	-4.6888e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	8.7635e+01	-5.3929e+00	-4.5315e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	8.3622e+01	7.3089e+00	-6.8985e+01
872	693	0.0000e+00	0.0000e+00	0.0000e+00	-6.3940e+01	-2.6004e+01	-9.9594e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	1.0944e+02	2.3420e+01	-8.0946e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	6.6302e+01	-1.6614e+01	-6.9711e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	4.7604e+01	-1.0789e+01	-8.8141e+01
873	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.6505e+02	-2.5196e+02	-8.3831e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	1.2518e+02	-2.1906e+01	-1.3994e+02
	1716	0.0000e+00	0.0000e+00	0.0000e+00	-4.8858e+01	-7.0577e+01	-7.8810e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	-1.3081e+02	5.1775e+01	-2.5205e+01
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	1.0461e+02	-6.2205e+00	9.2039e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-1.5611e+02	-2.1372e+02	5.4014e+01
	97	0.0000e+00	0.0000e+00	0.0000e+00	-9.6592e+01	5.5309e+01	1.4849e+01
	1715	0.0000e+00	0.0000e+00	0.0000e+00	-5.6924e+01	-5.7677e+01	3.9238e+01
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	7.7858e+01	2.5548e+01	2.5886e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-7.6338e+01	-7.9684e+00	5.4033e+01
	1715	0.0000e+00	0.0000e+00	0.0000e+00	5.7600e+01	-8.8047e+00	4.1984e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	7.2439e+01	-1.0836e+01	1.4277e+01
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	6.1125e+01	3.7356e+01	-2.3154e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	5.6703e+01	2.5239e+01	1.4155e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	7.8637e+01	7.5680e+00	1.0565e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	8.2256e+01	5.1412e+00	-2.7604e+01
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	4.2624e+01	4.6192e+01	-7.3723e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	6.2446e+01	3.8157e+01	-3.3182e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	8.4162e+01	8.2429e+00	-3.7468e+01
	1712	0.0000e+00	0.0000e+00	0.0000e+00	8.6666e+01	8.1488e+00	-7.7950e+01
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	3.5290e+01	4.3827e+01	-1.3164e+02
	1476	0.0000e+00	0.0000e+00	0.0000e+00	7.3213e+01	4.7940e+01	-8.7671e+01
	1712	0.0000e+00	0.0000e+00	0.0000e+00	8.1365e+01	5.4459e+00	-8.6660e+01
	1711	0.0000e+00	0.0000e+00	0.0000e+00	8.0238e+01	5.9136e+00	-1.3060e+02
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	-8.1611e+01	-1.2914e+01	-1.9363e+02
	1466	0.0000e+00	0.0000e+00	0.0000e+00	9.1250e+01	4.2028e+01	-1.6104e+02
	1711	0.0000e+00	0.0000e+00	0.0000e+00	7.2475e+01	-2.4579e+01	-1.1996e+02
	1710	0.0000e+00	0.0000e+00	0.0000e+00	3.3350e+01	-5.1890e+01	-1.5256e+02
880	22	0.0000e+00	0.0000e+00	0.0000e+00	-2.6725e+02	-7.2279e+02	-1.4827e+02
	1456	0.0000e+00	0.0000e+00	0.0000e+00	1.8710e+02	-2.8163e+01	-3.1678e+02
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-1.1417e+02	-1.7651e+02	-1.1343e+02
	96	0.0000e+00	0.0000e+00	0.0000e+00	-3.1282e+02	1.2691e+02	5.5210e+01
881	1709	0.0000e+00	0.0000e+00	0.0000e+00	5.5384e+01	5.7511e+01	3.8920e+01
	91	0.0000e+00	0.0000e+00	0.0000e+00	9.5844e+01	-5.5079e+01	1.4146e+01

	23	0.0000e+00	0.0000e+00	0.0000e+00	1.5325e+02	2.1324e+02	5.3801e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	-1.0445e+02	5.2889e+00	9.1874e+01
882	1708	0.0000e+00	0.0000e+00	0.0000e+00	-7.2301e+01	1.0530e+01	1.3817e+01
	1709	0.0000e+00	0.0000e+00	0.0000e+00	-5.7299e+01	8.8079e+00	4.1750e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	7.4166e+01	6.8369e+00	5.3836e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	-7.7581e+01	-2.5587e+01	2.5599e+01
883	1707	0.0000e+00	0.0000e+00	0.0000e+00	-8.2240e+01	-4.8825e+00	-2.7584e+01
	1708	0.0000e+00	0.0000e+00	0.0000e+00	-7.8630e+01	-7.5675e+00	9.9574e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	-5.5875e+01	-2.5205e+01	1.3744e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	-6.0502e+01	-3.7429e+01	-2.3149e+01
884	1706	0.0000e+00	0.0000e+00	0.0000e+00	-8.6503e+01	-8.0863e+00	-7.8059e+01
	1707	0.0000e+00	0.0000e+00	0.0000e+00	-8.4047e+01	-8.2415e+00	-3.7500e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	-6.2401e+01	-3.8207e+01	-3.3237e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	-4.1348e+01	-4.6249e+01	-7.3848e+01
885	1705	0.0000e+00	0.0000e+00	0.0000e+00	-7.9802e+01	-5.8737e+00	-1.3074e+02
	1706	0.0000e+00	0.0000e+00	0.0000e+00	-8.0998e+01	-5.4384e+00	-8.6779e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	-7.3268e+01	-4.7989e+01	-8.7805e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-3.3371e+01	-4.3861e+01	-1.3178e+02
886	1704	0.0000e+00	0.0000e+00	0.0000e+00	-3.1989e+01	5.1878e+01	-1.5271e+02
	1705	0.0000e+00	0.0000e+00	0.0000e+00	-7.1733e+01	2.4578e+01	-1.2011e+02
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-9.1164e+01	-4.2061e+01	-1.6118e+02
	1078	0.0000e+00	0.0000e+00	0.0000e+00	8.0747e+01	1.2921e+01	-1.9378e+02
887	90	0.0000e+00	0.0000e+00	0.0000e+00	3.1300e+02	-1.2691e+02	5.5079e+01
	1704	0.0000e+00	0.0000e+00	0.0000e+00	1.1387e+02	1.7651e+02	-1.1357e+02
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-1.8689e+02	2.8165e+01	-3.1692e+02
	12	0.0000e+00	0.0000e+00	0.0000e+00	2.6712e+02	7.2280e+02	-1.4841e+02
888	33	0.0000e+00	0.0000e+00	0.0000e+00	-1.3005e+02	-2.1236e+02	-4.0946e+01
	88	0.0000e+00	0.0000e+00	0.0000e+00	4.4576e+01	4.9461e+01	-6.9850e+01
	94	0.0000e+00	0.0000e+00	0.0000e+00	-5.1351e+01	-8.2015e+01	-6.8357e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	-9.4789e+01	5.2341e+01	2.8327e+01
889	77	0.0000e+00	0.0000e+00	0.0000e+00	-2.4448e+01	3.9465e+01	5.0109e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.8842e+02	-2.6285e+02	2.2779e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	-1.5706e+02	5.6220e+01	-4.7905e+01
	98	0.0000e+00	0.0000e+00	0.0000e+00	-7.6285e+01	-8.7590e+01	-2.4905e+01
890	91	0.0000e+00	0.0000e+00	0.0000e+00	9.4183e+01	-5.2316e+01	2.7847e+01
	93	0.0000e+00	0.0000e+00	0.0000e+00	5.1357e+01	8.1940e+01	-6.7710e+00
	78	0.0000e+00	0.0000e+00	0.0000e+00	-4.4567e+01	-4.9788e+01	-6.9901e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	1.3009e+02	2.1208e+02	-4.0826e+01
891	92	0.0000e+00	0.0000e+00	0.0000e+00	7.6337e+01	8.7147e+01	-2.5539e+01
	89	0.0000e+00	0.0000e+00	0.0000e+00	1.5752e+02	-5.6007e+01	-4.8017e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	1.8839e+02	2.6211e+02	2.2557e+01
	67	0.0000e+00	0.0000e+00	0.0000e+00	2.5837e+01	-3.8892e+01	4.9681e+01
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	-2.1015e+01	1.3680e+02	3.2868e+01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	6.7847e+01	-7.1614e+00	1.3162e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	6.4845e+01	2.9940e+02	7.7325e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-5.6187e+01	1.3623e+01	1.0535e+02
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	1.9409e+01	9.0772e+01	4.9417e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	3.1672e+01	-4.3043e+00	9.0293e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	6.4648e+01	2.1202e+02	1.4125e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-2.2217e+01	1.0040e+02	1.1337e+01
894	1694	0.0000e+00	0.0000e+00	0.0000e+00	1.6537e+01	4.9345e+01	-5.1971e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	8.6006e+00	-3.6490e+01	-7.1297e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	3.2200e+01	1.5913e+02	-7.7786e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-1.2587e+01	7.3941e+01	-5.8833e+00
895	1693	0.0000e+00	0.0000e+00	0.0000e+00	1.3633e+01	5.8624e+00	-4.7245e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.0091e+01	-7.7975e+01	-6.2017e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	1.1690e+01	1.1473e+02	-7.0594e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-1.2881e+01	3.3259e+01	-5.2387e+00
896	1692	0.0000e+00	0.0000e+00	0.0000e+00	1.1514e+01	-3.9730e+01	4.6961e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-2.3544e+01	-1.2569e+02	-5.2934e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-4.9510e+00	7.3876e+01	-5.7697e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	-1.4610e+01	-1.1415e+01	4.9918e+00
897	1691	0.0000e+00	0.0000e+00	0.0000e+00	9.6761e+00	-8.4543e+01	5.2515e+00

	1698	0.0000e+00	0.0000e+00	0.0000e+00	-4.4281e+01	-1.8019e+02	5.7018e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.8558e+01	3.6020e+01	5.4465e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	-1.7031e+01	-5.7287e+01	4.8877e+00
898	1690	0.0000e+00	0.0000e+00	0.0000e+00	1.9410e+01	-1.1805e+02	1.9351e+01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-7.6338e+01	-2.4629e+02	1.8091e+01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-4.1933e+01	4.1964e+00	8.8752e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	-1.8046e+01	-1.0434e+02	9.8530e+00
899	1647	0.0000e+00	0.0000e+00	0.0000e+00	6.4214e+01	-3.8212e+01	1.1952e+02
	28	0.0000e+00	0.0000e+00	0.0000e+00	-6.6098e+01	-3.4983e+02	8.6826e+01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-7.6848e+01	2.6576e+00	1.2267e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	9.0290e+00	-1.5970e+02	4.4387e+01
900	1689	0.0000e+00	0.0000e+00	0.0000e+00	-2.8447e+01	5.6755e+01	1.6661e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-2.0683e+01	1.0529e+02	2.9769e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	2.0446e+01	-5.2320e+00	5.0389e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	1.1422e+01	3.5569e+00	2.1694e+01
901	1688	0.0000e+00	0.0000e+00	0.0000e+00	-3.1065e+01	8.0064e+01	-9.6151e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-1.1562e+01	9.5491e+01	-1.3565e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-2.4748e+01	8.0694e+01	-2.9103e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	-2.3515e+01	6.9304e+01	4.1888e+00
902	1687	0.0000e+00	0.0000e+00	0.0000e+00	-1.5049e+01	5.0788e+01	-8.2189e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-7.5163e+00	5.9095e+01	-1.5786e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-1.3968e+01	6.2144e+01	-1.6723e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	-2.1812e+01	7.2651e+01	-9.1366e+00
903	1686	0.0000e+00	0.0000e+00	0.0000e+00	5.9032e+00	5.2295e+00	-5.1809e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	5.5059e+00	1.5585e+01	-1.3708e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-7.7441e+00	2.4726e+01	-1.5637e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	-1.0263e+01	3.9181e+01	-6.8784e+00
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	1.9377e+01	-4.3008e+01	-5.2058e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	8.5145e+00	-2.9454e+01	-1.3873e+01
	1693	0.0000e+00	0.0000e+00	0.0000e+00	4.8019e+00	-1.9796e+01	-1.3138e+01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	8.4241e+00	-7.8472e+00	-4.6664e+00
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.1872e+01	-8.0769e+01	-4.9092e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.4940e+01	-7.0585e+01	-1.2657e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	6.6079e+00	-6.6078e+01	-1.2888e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	2.4587e+01	-5.5576e+01	-5.1926e+00
906	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.3555e+01	-8.3793e+01	1.2457e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	2.7286e+01	-9.5667e+01	8.1717e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	9.7574e+00	-1.0835e+02	-8.4976e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	4.1808e+01	-8.9981e+01	-4.0732e+00
907	1639	0.0000e+00	0.0000e+00	0.0000e+00	1.0209e+01	-2.3794e+01	3.4302e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	-6.6324e+00	-1.8246e+01	6.2342e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	2.0324e+01	-1.2621e+02	3.8677e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.9775e+01	-7.3568e+01	1.0767e+01
908	1682	0.0000e+00	0.0000e+00	0.0000e+00	-2.1625e+01	4.9183e+01	-2.0551e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	-2.0434e+01	4.7947e+01	9.3373e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	1.5347e+01	2.1240e+00	9.9673e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	1.2333e+01	-7.7761e-01	-1.9975e+01
909	1681	0.0000e+00	0.0000e+00	0.0000e+00	-3.3139e+01	8.1061e+01	-6.6913e+00
	1688	0.0000e+00	0.0000e+00	0.0000e+00	-2.7005e+01	7.4499e+01	-1.7513e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	-2.4336e+01	6.8548e+01	-3.5008e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-2.5558e+01	6.6448e+01	-8.9300e+00
910	1680	0.0000e+00	0.0000e+00	0.0000e+00	-1.9142e+01	5.8772e+01	9.5709e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	-1.6146e+01	5.2391e+01	-3.1149e+00
	1688	0.0000e+00	0.0000e+00	0.0000e+00	-2.6875e+01	7.2284e+01	-7.8439e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-3.1464e+01	7.7056e+01	3.8964e+00
911	1679	0.0000e+00	0.0000e+00	0.0000e+00	6.6949e+00	9.5415e+00	1.8384e+01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	5.5848e+00	8.0680e+00	-2.8998e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	-1.2440e+01	3.8325e+01	-3.7199e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-1.6103e+01	4.3708e+01	1.4895e+01
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	3.0358e+01	-4.4238e+01	1.7850e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	2.3511e+01	-4.0976e+01	-2.9106e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	9.4757e+00	-9.5119e+00	2.9430e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	9.2324e+00	-8.8500e+00	1.9137e+01

913	1677	0.0000e+00	0.0000e+00	0.0000e+00	4.6627e+01	-8.2022e+01	1.0313e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.8989e+01	-7.9286e+01	-3.4513e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	2.7419e+01	-5.5976e+01	3.0719e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	3.3307e+01	-6.0418e+01	1.3910e+01
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	4.0928e+01	-7.7684e+01	-1.4131e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.6771e+01	-8.1980e+01	5.3328e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.8970e+01	-8.3034e+01	5.7611e+00
	1677	0.0000e+00	0.0000e+00	0.0000e+00	4.8139e+01	-8.7945e+01	1.8411e+00
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	5.6339e+00	-1.6682e+01	-8.2593e+00
	1639	0.0000e+00	0.0000e+00	0.0000e+00	2.3109e+00	-2.1357e+01	2.1843e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.1861e+01	-6.2939e+01	1.9250e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	3.6490e+01	-6.2411e+01	-1.0886e+01
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	-3.3278e+01	7.8573e+01	-5.5149e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-2.3391e+01	5.1509e+01	-1.8356e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	8.2816e+00	2.8679e+00	-3.4099e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.3569e+01	7.1487e+00	-7.0884e+01
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	-3.9358e+01	1.0915e+02	-3.6303e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-3.8441e+01	8.6445e+01	2.1123e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-3.0648e+01	7.1371e+01	-2.2678e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-3.5885e+01	9.7867e+01	-2.8393e+01
918	1673	0.0000e+00	0.0000e+00	0.0000e+00	-2.0348e+01	7.4472e+01	3.2206e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-2.3867e+01	6.3560e+01	1.7027e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-3.4455e+01	8.0701e+01	6.7873e-01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-4.0333e+01	1.0223e+02	1.5865e+01
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	5.5821e+00	1.4032e+01	4.5279e+01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	4.1810e+00	1.1757e+01	2.3998e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-1.6249e+01	4.5204e+01	1.8025e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-1.8975e+01	5.4750e+01	3.9319e+01
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	3.1977e+01	-5.1390e+01	4.2983e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	3.0207e+01	-4.4652e+01	2.1358e+01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	1.1343e+01	-9.9510e+00	2.4373e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	7.5872e+00	-9.2607e+00	4.6014e+01
921	1670	0.0000e+00	0.0000e+00	0.0000e+00	5.4310e+01	-1.0417e+02	2.3236e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	4.9360e+01	-8.4750e+01	7.2764e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	3.8086e+01	-6.4201e+01	2.1093e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	3.3167e+01	-7.2434e+01	3.7158e+01
922	1669	0.0000e+00	0.0000e+00	0.0000e+00	5.0342e+01	-1.0730e+02	-1.8957e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	4.6053e+01	-8.1957e+01	-1.4004e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	5.3537e+01	-9.2490e+01	9.4308e+00
	1670	0.0000e+00	0.0000e+00	0.0000e+00	5.2919e+01	-1.1333e+02	4.4607e+00
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	9.1689e-02	-2.2862e+01	-6.0950e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	9.7319e+00	-1.9790e+01	-2.3502e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	3.8266e+01	-6.3938e+01	-8.7691e+00
	1669	0.0000e+00	0.0000e+00	0.0000e+00	4.7042e+01	-9.0210e+01	-4.6172e+01
924	1668	0.0000e+00	0.0000e+00	0.0000e+00	-5.7528e+01	1.6077e+02	-9.8661e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-4.2205e+01	9.2524e+01	-4.6620e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	-1.3894e+01	2.0037e+01	-9.4488e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	1.8808e+01	4.6863e+01	-1.4653e+02
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	-3.5131e+01	1.5971e+02	1.7861e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-5.3474e+01	1.2792e+02	8.1071e+00
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-4.8426e+01	1.1139e+02	-4.5729e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-5.9825e+01	1.8642e+02	-3.5992e+01
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	-8.7477e+00	9.2708e+01	6.0417e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-2.6702e+01	8.2431e+01	3.8310e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-4.0344e+01	1.1086e+02	1.6244e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-3.9648e+01	1.4441e+02	3.8341e+01
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	4.2673e+00	1.8735e+01	6.6700e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.6301e+00	1.3832e+01	4.9585e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-1.6840e+01	5.9880e+01	4.4385e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-1.1150e+01	6.5300e+01	6.1499e+01
928	1664	0.0000e+00	0.0000e+00	0.0000e+00	1.8347e+01	-5.7438e+01	6.5699e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.7912e+01	-5.5535e+01	4.8356e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	8.6232e+00	-7.9058e+00	5.0002e+01

	1665	0.0000e+00	0.0000e+00	0.0000e+00	2.7937e+00	-9.2914e+00	6.7346e+01
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	4.7439e+01	-1.4323e+02	4.6688e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	5.2299e+01	-1.1217e+02	2.3767e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	3.7978e+01	-7.9428e+01	4.2962e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	1.5567e+01	-8.6487e+01	6.5890e+01
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	6.8705e+01	-1.9616e+02	-2.6045e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	6.1291e+01	-1.2075e+02	-3.6958e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	6.5929e+01	-1.3182e+02	1.5974e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	4.2085e+01	-1.6142e+02	2.6869e+01
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.2456e+01	-6.3907e+01	-1.3959e+02
	1623	0.0000e+00	0.0000e+00	0.0000e+00	2.5465e+01	-3.6347e+01	-8.6345e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	5.5183e+01	-1.0433e+02	-3.7496e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	6.5098e+01	-1.7376e+02	-9.0732e+01
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	-5.4426e+01	5.0438e+02	-1.2669e+02
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.1878e+02	2.1559e+02	-4.4851e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-5.2498e+01	7.9459e+01	-1.8761e+02
	1297	0.0000e+00	0.0000e+00	0.0000e+00	4.5482e+01	7.4298e+01	-2.6945e+02
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	3.8500e+01	2.2193e+02	9.3098e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-6.1734e+01	1.9624e+02	2.7677e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-6.2724e+01	2.0223e+02	-3.6430e+01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-9.2676e+01	3.0370e+02	2.9040e+01
934	1659	0.0000e+00	0.0000e+00	0.0000e+00	2.8997e+01	9.6834e+01	6.8053e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-4.9820e+00	9.4409e+01	5.5370e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-2.9003e+01	1.5685e+02	5.6499e+01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	2.7692e+01	1.5218e+02	6.9174e+01
935	1658	0.0000e+00	0.0000e+00	0.0000e+00	4.4975e+00	1.9856e+01	5.9886e+01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	4.6772e+00	1.2791e+01	6.3508e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-3.9772e+00	7.4344e+01	6.5114e+01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	2.0467e+01	6.4078e+01	6.1492e+01
936	1657	0.0000e+00	0.0000e+00	0.0000e+00	-2.1067e+01	-5.1735e+01	6.5211e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	8.3017e+00	-6.5673e+01	6.9148e+01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	-4.7320e-01	-2.1871e+00	6.4076e+01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-4.4879e+00	-5.9785e+00	6.0140e+01
937	1656	0.0000e+00	0.0000e+00	0.0000e+00	-3.0343e+01	-1.4659e+02	7.7211e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	3.3466e+01	-1.5540e+02	6.5035e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	8.9031e+00	-8.6865e+01	6.0279e+01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-3.0306e+01	-8.6224e+01	7.2455e+01
938	1655	0.0000e+00	0.0000e+00	0.0000e+00	9.0991e+01	-3.1260e+02	4.0509e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	6.7522e+01	-2.1243e+02	-2.6303e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	6.6578e+01	-1.9768e+02	3.6071e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-4.2663e+01	-2.2132e+02	1.0287e+02
939	1607	0.0000e+00	0.0000e+00	0.0000e+00	-5.0896e+01	-9.6613e+01	-2.6748e+02
	1615	0.0000e+00	0.0000e+00	0.0000e+00	5.7031e+01	-9.8889e+01	-1.8385e+02
	1662	0.0000e+00	0.0000e+00	0.0000e+00	1.2663e+02	-2.3072e+02	-3.5378e+01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	4.8019e+01	-5.2775e+02	-1.1901e+02
940	945	0.0000e+00	0.0000e+00	0.0000e+00	4.2269e+02	9.2569e+01	1.4882e+02
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-4.2191e+01	7.2064e+02	-6.2416e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-4.0705e+02	2.1705e+02	-6.2078e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	3.7255e+02	1.9541e+03	-4.1088e+02
941	944	0.0000e+00	0.0000e+00	0.0000e+00	1.7330e+02	1.7115e+02	1.9926e+01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	1.0243e+02	1.7670e+02	6.3391e+01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	1.1676e+02	3.8261e+02	7.9380e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	2.4870e+02	3.5656e+02	3.5909e+01
942	943	0.0000e+00	0.0000e+00	0.0000e+00	7.5994e+01	7.5195e+01	1.1371e+01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	5.5742e+01	7.7429e+01	5.0966e+01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	7.8026e+01	1.7425e+02	6.4027e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	1.3432e+02	1.5063e+02	2.4358e+01
943	942	0.0000e+00	0.0000e+00	0.0000e+00	8.1208e+00	1.3318e+01	1.0847e+01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	9.0625e+00	9.3298e+00	4.5112e+01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	3.4035e+01	7.4630e+01	4.8611e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	5.2382e+01	6.3736e+01	1.4400e+01
944	941	0.0000e+00	0.0000e+00	0.0000e+00	-5.7913e+01	-4.9241e+01	1.5444e+01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-3.7145e+01	-6.1866e+01	5.0870e+01

	1658	0.0000e+00	0.0000e+00	0.0000e+00	-1.1287e+01	5.5411e+00	4.5819e+01
	942	0.0000e+00	0.0000e+00	0.0000e+00	-1.2379e+01	2.9662e+00	1.0447e+01
945	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.4558e+02	-1.4306e+02	2.6287e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-8.5053e+01	-1.6912e+02	6.9720e+01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-6.0194e+01	-6.5049e+01	5.4747e+01
	941	0.0000e+00	0.0000e+00	0.0000e+00	-8.2928e+01	-6.1368e+01	1.1332e+01
946	939	0.0000e+00	0.0000e+00	0.0000e+00	-2.7097e+02	-3.6588e+02	3.8565e+01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-1.3156e+02	-3.9523e+02	8.9259e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.1240e+02	-1.7207e+02	7.0985e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.8799e+02	-1.6514e+02	2.0292e+01
947	17	0.0000e+00	0.0000e+00	0.0000e+00	-4.2717e+02	-2.0427e+03	-4.2023e+02
	1607	0.0000e+00	0.0000e+00	0.0000e+00	4.1461e+02	-2.4837e+02	-6.2853e+02
	1655	0.0000e+00	0.0000e+00	0.0000e+00	2.3295e+01	-7.4836e+02	-5.6707e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-4.5554e+02	-8.9282e+01	1.5160e+02
948	1646	0.0000e+00	0.0000e+00	0.0000e+00	-9.0663e+00	1.5970e+02	4.4390e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	7.6843e+01	-2.6811e+00	1.2244e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	6.6109e+01	3.4988e+02	8.6819e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	-6.4259e+01	3.8227e+01	1.1952e+02
949	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.8032e+01	1.0433e+02	9.8528e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	4.1927e+01	-4.2297e+00	8.8597e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	7.6335e+01	2.4631e+02	1.8082e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	-1.9449e+01	1.1805e+02	1.9349e+01
950	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.7018e+01	5.7272e+01	4.8814e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	1.8555e+01	-3.6051e+01	5.4288e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	4.4276e+01	1.8018e+02	5.6804e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	-9.7278e+00	8.4531e+01	5.2407e+00
951	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.4602e+01	1.1399e+01	4.9885e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	4.9864e+00	-7.3898e+01	-5.7559e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	2.3540e+01	1.2567e+02	-5.2740e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	-1.1567e+01	3.9714e+01	4.6864e+00
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	1.2886e+01	-3.3271e+01	-5.2347e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-1.1731e+01	-1.1473e+02	-7.0515e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	1.0102e+01	7.7946e+01	-6.1910e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	-1.3690e+01	-5.8771e+00	-4.7174e+00
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.2625e+01	-7.3942e+01	-5.8787e+00
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-3.2234e+01	-1.5911e+02	-7.7870e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-8.6580e+00	3.6456e+01	-7.1323e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	-1.6602e+01	-4.9352e+01	-5.1876e+00
954	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.2256e+01	-1.0038e+02	1.1359e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-6.4690e+01	-2.1197e+02	1.4167e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-3.1715e+01	4.2726e+00	9.0564e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	-1.9498e+01	-9.0765e+01	4.9466e+00
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	5.6136e+01	-1.3622e+01	1.0536e+02
	27	0.0000e+00	0.0000e+00	0.0000e+00	-6.5043e+01	-2.9933e+02	7.7363e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-6.7902e+01	7.1644e+00	1.3221e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.1114e+01	-1.3677e+02	3.2884e+01
956	1638	0.0000e+00	0.0000e+00	0.0000e+00	-3.9825e+01	7.3575e+01	1.0767e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	-2.0366e+01	1.2621e+02	3.8675e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	6.5964e+00	1.8257e+01	6.2340e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	-1.0258e+01	2.3804e+01	3.4302e+01
957	1637	0.0000e+00	0.0000e+00	0.0000e+00	-4.1856e+01	8.9977e+01	-4.0695e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	-9.8132e+00	1.0834e+02	-8.4919e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	-2.7330e+01	9.5664e+01	8.1680e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	-3.3603e+01	8.3796e+01	1.2458e+01
958	1636	0.0000e+00	0.0000e+00	0.0000e+00	-2.4639e+01	5.5565e+01	-5.1836e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	-6.6804e+00	6.6064e+01	-1.2877e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	-1.4992e+01	7.0573e+01	-1.2651e+01
	1637	0.0000e+00	0.0000e+00	0.0000e+00	-3.1921e+01	8.0762e+01	-4.9046e+00
959	1635	0.0000e+00	0.0000e+00	0.0000e+00	-8.5027e+00	7.8349e+00	-4.6537e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	-4.8857e+00	1.9780e+01	-1.3123e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	-8.5827e+00	2.9438e+01	-1.3861e+01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	-1.9434e+01	4.2997e+01	-5.1955e+00
960	1634	0.0000e+00	0.0000e+00	0.0000e+00	1.0270e+01	-3.9188e+01	-6.8619e+00

	1642	0.0000e+00	0.0000e+00	0.0000e+00	7.7879e+00	-2.4739e+01	-1.5618e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	-5.5921e+00	-1.5598e+01	-1.3692e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	-5.9930e+00	-5.2407e+00	-5.1670e+00
961	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.1791e+01	-7.2649e+01	-9.1179e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.3991e+01	-6.2147e+01	-1.6700e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	7.5800e+00	-5.9101e+01	-1.5766e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	1.5039e+01	-5.0793e+01	-8.2024e+00
962	1632	0.0000e+00	0.0000e+00	0.0000e+00	2.3496e+01	-6.9293e+01	4.1996e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.4748e+01	-8.0683e+01	-2.9036e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.1620e+01	-9.5483e+01	-1.3541e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.1032e+01	-8.0058e+01	-9.5970e+00
963	1276	0.0000e+00	0.0000e+00	0.0000e+00	-1.1518e+01	-3.5618e+00	2.1704e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	-2.0572e+01	5.2718e+00	5.0403e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.0715e+01	-1.0527e+02	2.9788e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	2.8414e+01	-5.6740e+01	1.6629e+00
964	1630	0.0000e+00	0.0000e+00	0.0000e+00	-3.6535e+01	6.2419e+01	-1.0884e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	-3.1911e+01	6.2946e+01	1.9251e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	-2.3683e+00	2.1367e+01	2.1842e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	-5.6801e+00	1.6692e+01	-8.2583e+00
965	1629	0.0000e+00	0.0000e+00	0.0000e+00	-4.8182e+01	8.7943e+01	1.8447e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	-3.9019e+01	8.3031e+01	5.7637e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	-3.6821e+01	8.1983e+01	5.3352e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	-4.0973e+01	7.7688e+01	-1.4192e+00
966	1628	0.0000e+00	0.0000e+00	0.0000e+00	-3.3350e+01	6.0410e+01	1.3916e+01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	-2.7471e+01	5.5966e+01	3.0701e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	-3.9038e+01	7.9280e+01	-3.4477e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	-4.6670e+01	8.2018e+01	1.0319e+01
967	1627	0.0000e+00	0.0000e+00	0.0000e+00	-9.2939e+00	8.8395e+00	1.9144e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	-9.5497e+00	9.5008e+00	2.9388e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	-2.3565e+01	4.0966e+01	-2.9051e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	-3.0403e+01	4.4228e+01	1.7856e+01
968	1626	0.0000e+00	0.0000e+00	0.0000e+00	1.6078e+01	-4.3715e+01	1.4902e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	1.2430e+01	-3.8332e+01	-3.7047e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	-5.6728e+00	-8.0783e+00	-2.8951e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	-6.7662e+00	-9.5508e+00	1.8390e+01
969	1625	0.0000e+00	0.0000e+00	0.0000e+00	3.1426e+01	-7.7055e+01	3.9023e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.6842e+01	-7.2282e+01	-7.8284e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	1.6128e+01	-5.2396e+01	-3.0990e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	1.9114e+01	-5.8776e+01	9.5773e+00
970	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.5520e+01	-6.6438e+01	-8.9227e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	2.4304e+01	-6.8536e+01	-3.4840e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.6972e+01	-7.4494e+01	-1.7312e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	3.3099e+01	-8.1055e+01	-6.6823e+00
971	1265	0.0000e+00	0.0000e+00	0.0000e+00	-1.2421e+01	8.0477e-01	-1.9966e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	-1.5451e+01	-2.1294e+00	9.9773e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	2.0414e+01	-4.7933e+01	9.3479e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.1587e+01	-4.9169e+01	-2.0542e+01
972	1622	0.0000e+00	0.0000e+00	0.0000e+00	-4.7072e+01	9.0221e+01	-4.6167e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	-3.8309e+01	6.3947e+01	-8.7664e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	-9.7765e+00	1.9802e+01	-2.3502e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	-1.3519e-01	2.2878e+01	-6.0948e+01
973	1621	0.0000e+00	0.0000e+00	0.0000e+00	-5.2947e+01	1.1333e+02	4.4692e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	-5.3577e+01	9.2490e+01	9.4361e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	-4.6095e+01	8.1962e+01	-1.4000e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	-5.0374e+01	1.0731e+02	-1.8949e+01
974	1620	0.0000e+00	0.0000e+00	0.0000e+00	-3.3195e+01	7.2426e+01	3.7165e+01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	-3.8126e+01	6.4193e+01	2.1099e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	-4.9399e+01	8.4747e+01	7.2835e+00
	1621	0.0000e+00	0.0000e+00	0.0000e+00	-5.4338e+01	1.0417e+02	2.3244e+01
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	-7.6261e+00	9.2500e+00	4.6019e+01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	-1.1395e+01	9.9414e+00	2.4379e+01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	-3.0248e+01	4.4643e+01	2.1365e+01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	-3.2006e+01	5.1380e+01	4.2989e+01

976	1618	0.0000e+00	0.0000e+00	0.0000e+00	1.8950e+01	-5.4758e+01	3.9322e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	1.6223e+01	-4.5210e+01	1.8031e+01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	-4.2526e+00	-1.1766e+01	2.4005e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	-5.6266e+00	-1.4042e+01	4.5284e+01
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	4.0301e+01	-1.0223e+02	1.5867e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	3.4417e+01	-8.0699e+01	6.8078e-01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	2.3836e+01	-6.3564e+01	1.7033e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.0322e+01	-7.4477e+01	3.2209e+01
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	3.5848e+01	-9.7856e+01	-2.8393e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	3.0606e+01	-7.1360e+01	-2.2672e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	3.8400e+01	-8.6439e+01	2.1177e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	3.9325e+01	-1.0915e+02	-3.6304e+00
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	-1.3625e+01	-7.1278e+00	-7.0878e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	-8.3647e+00	-2.8512e+00	-3.4090e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.3352e+01	-5.1494e+01	-1.8349e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	3.3241e+01	-7.8557e+01	-5.5145e+01
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	-6.5109e+01	1.7378e+02	-9.0722e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	-5.5211e+01	1.0434e+02	-3.7489e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	-2.5495e+01	3.6366e+01	-8.6344e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	1.2441e+01	6.3934e+01	-1.3958e+02
981	1613	0.0000e+00	0.0000e+00	0.0000e+00	-4.2096e+01	1.6142e+02	2.6879e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	-6.5953e+01	1.3182e+02	1.5981e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	-6.1317e+01	1.2075e+02	-3.6950e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-6.8718e+01	1.9617e+02	-2.6034e+01
982	1612	0.0000e+00	0.0000e+00	0.0000e+00	-1.5583e+01	8.6477e+01	6.5894e+01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	-3.8001e+01	7.9419e+01	4.2968e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	-5.2322e+01	1.1216e+02	2.3776e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-4.7451e+01	1.4322e+02	4.6695e+01
983	1611	0.0000e+00	0.0000e+00	0.0000e+00	-2.8167e+00	9.2799e+00	6.7349e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	-8.6541e+00	7.8952e+00	5.0007e+01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	-2.7937e+01	5.5526e+01	4.8362e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-1.8363e+01	5.7426e+01	6.5704e+01
984	1610	0.0000e+00	0.0000e+00	0.0000e+00	1.1132e+01	-6.5310e+01	6.1501e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	1.6817e+01	-5.9887e+01	4.4388e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	-2.6738e+00	-1.3842e+01	4.9590e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	-4.2890e+00	-1.8747e+01	6.6703e+01
985	1609	0.0000e+00	0.0000e+00	0.0000e+00	3.9630e+01	-1.4441e+02	3.8341e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	4.0316e+01	-1.1086e+02	1.6244e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.6678e+01	-8.2437e+01	3.8313e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	8.7297e+00	-9.2716e+01	6.0420e+01
986	1608	0.0000e+00	0.0000e+00	0.0000e+00	5.9804e+01	-1.8641e+02	-3.5998e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	4.8393e+01	-1.1137e+02	-4.5730e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	5.3445e+01	-1.2792e+02	8.1085e+00
	1609	0.0000e+00	0.0000e+00	0.0000e+00	3.5115e+01	-1.5971e+02	1.7858e+01
987	1243	0.0000e+00	0.0000e+00	0.0000e+00	-1.8832e+01	-4.6832e+01	-1.4652e+02
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.3863e+01	-2.0014e+01	-9.4482e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	4.2169e+01	-9.2504e+01	-4.6619e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	5.7509e+01	-1.6074e+02	-9.8664e+01
988	1606	0.0000e+00	0.0000e+00	0.0000e+00	-4.8000e+01	5.2778e+02	-1.1900e+02
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-1.2664e+02	2.3074e+02	-3.5367e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-5.7043e+01	9.8922e+01	-1.8384e+02
	1607	0.0000e+00	0.0000e+00	0.0000e+00	5.0910e+01	9.6659e+01	-2.6748e+02
989	1605	0.0000e+00	0.0000e+00	0.0000e+00	4.2659e+01	2.2132e+02	1.0287e+02
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-6.6582e+01	1.9767e+02	3.6078e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-6.7525e+01	2.1244e+02	-2.6289e+01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-9.0983e+01	3.1259e+02	4.0517e+01
990	1604	0.0000e+00	0.0000e+00	0.0000e+00	3.0290e+01	8.6214e+01	7.2453e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-8.9162e+00	8.6854e+01	6.0283e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-3.3475e+01	1.5539e+02	6.5040e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	3.0337e+01	1.4658e+02	7.7210e+01
991	1603	0.0000e+00	0.0000e+00	0.0000e+00	4.4679e+00	5.9683e+00	6.0142e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	4.8025e-01	2.1763e+00	6.4080e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-8.3174e+00	6.5662e+01	6.9151e+01



	1604	0.0000e+00	0.0000e+00	0.0000e+00	2.1050e+01	5.1725e+01	6.5211e+01
992	1602	0.0000e+00	0.0000e+00	0.0000e+00	-2.0486e+01	-6.4087e+01	6.1497e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	3.9590e+00	-7.4354e+01	6.5117e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	-4.6947e+00	-1.2803e+01	6.3510e+01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	-4.5183e+00	-1.9866e+01	5.9889e+01
993	1601	0.0000e+00	0.0000e+00	0.0000e+00	-2.7702e+01	-1.5219e+02	6.9179e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	2.8989e+01	-1.5685e+02	5.6500e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	4.9643e+00	-9.4419e+01	5.5372e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-2.9015e+01	-9.6842e+01	6.8060e+01
994	1600	0.0000e+00	0.0000e+00	0.0000e+00	9.2682e+01	-3.0370e+02	2.9036e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	6.2715e+01	-2.0222e+02	-3.6440e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	6.1724e+01	-1.9624e+02	2.7676e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-3.8509e+01	-2.2193e+02	9.3103e+01
995	1232	0.0000e+00	0.0000e+00	0.0000e+00	-4.5480e+01	-7.4247e+01	-2.6945e+02
	1243	0.0000e+00	0.0000e+00	0.0000e+00	5.2478e+01	-7.9421e+01	-1.8761e+02
	1608	0.0000e+00	0.0000e+00	0.0000e+00	1.1876e+02	-2.1557e+02	-4.4856e+01
	1600	0.0000e+00	0.0000e+00	0.0000e+00	5.4446e+01	-5.0435e+02	-1.2670e+02
996	868	0.0000e+00	0.0000e+00	0.0000e+00	4.5554e+02	8.9233e+01	1.5152e+02
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-2.3232e+01	7.4836e+02	-5.6711e+01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-4.1463e+02	2.4844e+02	-6.2852e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	4.2739e+02	2.0428e+03	-4.2028e+02
997	867	0.0000e+00	0.0000e+00	0.0000e+00	1.8796e+02	1.6513e+02	2.0270e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	1.1240e+02	1.7205e+02	7.0983e+01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	1.3159e+02	3.9523e+02	8.9246e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	2.7094e+02	3.6589e+02	3.8531e+01
998	866	0.0000e+00	0.0000e+00	0.0000e+00	8.2884e+01	6.1363e+01	1.1322e+01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	6.0173e+01	6.5038e+01	5.4745e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	8.5041e+01	1.6911e+02	6.9710e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	1.4554e+02	1.4306e+02	2.6270e+01
999	865	0.0000e+00	0.0000e+00	0.0000e+00	1.2331e+01	-2.9703e+00	1.0446e+01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	1.1261e+01	-5.5506e+00	4.5821e+01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	3.7122e+01	6.1856e+01	5.0866e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	5.7867e+01	4.9238e+01	1.5437e+01
1000	864	0.0000e+00	0.0000e+00	0.0000e+00	-5.2429e+01	-6.3736e+01	1.4410e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-3.4060e+01	-7.4638e+01	4.8619e+01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	-9.0891e+00	-9.3391e+00	4.5113e+01
	865	0.0000e+00	0.0000e+00	0.0000e+00	-8.1659e+00	-1.3321e+01	1.0849e+01
1001	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.3436e+02	-1.5063e+02	2.4381e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-7.8041e+01	-1.7425e+02	6.4042e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-5.5764e+01	-7.7438e+01	5.0972e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-7.6038e+01	-7.5198e+01	1.1385e+01
1002	862	0.0000e+00	0.0000e+00	0.0000e+00	-2.4874e+02	-3.5654e+02	3.5954e+01
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-1.1673e+02	-3.8261e+02	7.9398e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-1.0243e+02	-1.7671e+02	6.3398e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.7334e+02	-1.7115e+02	1.9958e+01
1003	16	0.0000e+00	0.0000e+00	0.0000e+00	-3.7238e+02	-1.9541e+03	-4.1082e+02
	1232	0.0000e+00	0.0000e+00	0.0000e+00	4.0702e+02	-2.1697e+02	-6.2080e+02
	1600	0.0000e+00	0.0000e+00	0.0000e+00	4.2284e+01	-7.2063e+02	-6.2407e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-4.2270e+02	-9.2622e+01	1.4891e+02
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	-6.4021e+01	9.4868e+01	4.8288e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	9.3885e+01	-3.6719e+01	3.4392e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	1.2519e+02	2.6497e+02	9.4904e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-5.4938e+01	-3.0566e+01	1.2253e+02
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	4.9826e+01	6.2063e+01	1.6776e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	5.5793e+01	-3.1454e+01	2.2469e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	8.6701e+01	1.8341e+02	3.2023e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-5.6650e+01	6.5860e+01	2.8006e+01
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	4.1627e+01	2.3152e+01	8.8004e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	3.3556e+01	-5.9190e+01	1.4038e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	5.2397e+01	1.3422e+02	1.7853e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-4.0476e+01	4.6830e+01	1.2583e+01
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	3.6748e+01	-1.4991e+01	6.6945e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-2.7075e+01	-9.5619e+01	8.6083e+00

	1597	0.0000e+00	0.0000e+00	0.0000e+00	3.2490e+01	9.3699e+01	1.1051e+01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-3.3958e+01	1.1757e+01	9.1475e+00
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	3.7837e+01	-5.0216e+01	8.1507e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-3.8674e+01	-1.3686e+02	8.4340e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-2.7223e+01	5.7505e+01	7.8440e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-3.3094e+01	-2.6709e+01	8.3279e+00
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	5.5441e+01	-6.8316e+01	2.6135e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-6.5333e+01	-1.8650e+02	2.0808e+01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-4.0405e+01	2.8929e+01	1.0259e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-3.6629e+01	-6.6843e+01	1.6200e+01
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	6.1565e+01	3.1267e+01	1.2646e+02
	30	0.0000e+00	0.0000e+00	0.0000e+00	-8.4781e+01	-2.6417e+02	8.7256e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-6.8736e+01	2.7755e+01	1.4558e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	5.8931e+01	-9.7263e+01	4.7617e+01
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	-3.7296e+01	1.6892e+01	1.6684e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-4.9725e+01	6.0340e+01	4.7684e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	5.8849e+01	-4.1256e+01	6.5424e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	4.3132e+01	-3.5820e+01	3.4410e+01
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	-3.9456e+01	4.2341e+01	2.6170e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-4.2062e+01	6.2450e+01	-4.9401e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-4.6643e+01	4.7010e+01	1.9220e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-3.8583e+01	2.8639e+01	1.9931e+01
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	-3.3685e+01	2.0355e+01	-3.0240e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	3.6743e+01	3.1552e+01	-9.3636e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-4.0105e+01	3.3433e+01	-6.1449e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-3.6063e+01	3.7058e+01	2.5108e+00
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	3.3608e+01	-1.4593e+01	-3.8891e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	3.5010e+01	-5.2547e+00	-9.5767e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-3.5358e+01	2.8727e+00	-9.5721e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-3.2810e+01	1.1662e+01	-3.6312e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	3.8027e+01	-3.9695e+01	5.9802e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	3.7658e+01	-3.7132e+01	-5.7722e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	3.4212e+01	-3.4907e+01	-8.5587e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	3.5582e+01	-2.3384e+01	-4.4631e+00
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	3.6330e+01	-2.9926e+01	2.3622e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	4.4592e+01	-5.0820e+01	2.1592e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	3.6553e+01	-6.5657e+01	4.7143e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	4.3297e+01	-4.5244e+01	6.3050e+00
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	-2.8618e+01	3.5647e+01	3.6474e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-3.8760e+01	4.1166e+01	6.7385e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	4.4921e+01	-6.0005e+01	5.0302e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	3.4807e+01	-1.6971e+01	1.9729e+01
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	-2.5662e+01	9.0484e+00	-9.4371e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-3.5567e+01	8.7749e+00	2.1968e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	4.7719e+01	-3.5972e+01	2.2640e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	4.0563e+01	-3.7575e+01	-8.8726e+00
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.8487e+01	3.8438e+01	1.6616e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-3.4406e+01	3.4875e+01	9.8042e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-3.4138e+01	2.7045e+01	9.9724e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-2.6333e+01	2.3273e+01	2.3993e+00
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	-2.4374e+01	2.2307e+01	1.2396e+01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-3.0751e+01	1.9940e+01	4.2846e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-3.3528e+01	3.5470e+01	1.8770e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.8344e+01	3.7466e+01	1.0440e+01
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.6432e+01	-1.4018e+01	1.6894e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	3.1506e+01	-1.2635e+01	4.5090e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-3.0131e+01	9.9116e+00	2.6049e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-2.3593e+01	1.2576e+01	1.6062e+01
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	3.3099e+01	-3.8955e+01	1.3243e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	3.6397e+01	-3.8189e+01	6.2373e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	3.2532e+01	-2.2634e+01	5.7290e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.7450e+01	-2.3804e+01	1.3692e+01
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.5808e+01	-2.4709e+01	6.0191e+00

	1582	0.0000e+00	0.0000e+00	0.0000e+00	3.1731e+01	-2.8715e+01	1.3587e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	3.6267e+01	-3.7304e+01	1.2839e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	3.2744e+01	-3.9919e+01	5.3269e+00
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	-2.7933e+01	3.6158e+01	-7.7001e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-3.1760e+01	3.5237e+01	2.4588e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	3.0013e+01	-9.2841e+00	2.4733e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.2126e+01	-1.0041e+01	-8.2943e+00
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	-2.0754e+01	3.6675e+01	-4.8435e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-2.3469e+01	1.0074e+01	-9.6521e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	3.4743e+01	-3.4038e+01	-2.2711e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	3.2900e+01	-3.2224e+01	-6.1522e+01
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	-2.9376e+01	6.6217e+01	-3.1903e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.9653e+01	4.2786e+01	8.7814e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-2.4298e+01	2.7616e+01	-1.4685e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-2.3885e+01	5.4239e+01	-2.4343e+01
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.5727e+01	3.5405e+01	3.3943e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-2.2639e+01	2.6517e+01	2.0238e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.7456e+01	3.9757e+01	5.5383e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-3.0745e+01	6.3877e+01	1.9024e+01
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.9045e+01	-2.0296e+01	4.1370e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.2320e+01	-1.2703e+01	2.0388e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-1.9855e+01	1.1510e+01	1.9472e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.5295e+01	2.0785e+01	4.0570e+01
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	3.5432e+01	-6.4076e+01	2.1530e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	3.2836e+01	-4.1191e+01	8.5958e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.7313e+01	-2.7748e+01	2.1325e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.9265e+01	-3.5120e+01	3.5057e+01
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	2.7684e+01	-5.6064e+01	-2.1799e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.6457e+01	-2.9337e+01	-1.2823e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	3.5135e+01	-4.4381e+01	1.1543e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	3.3718e+01	-6.6816e+01	4.5930e+00
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	-2.5824e+01	2.9149e+01	-5.9955e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-2.3779e+01	3.2050e+01	-2.1342e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.1513e+01	-1.2024e+01	-8.3141e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	2.3854e+01	-3.8992e+01	-4.6215e+01
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	-5.5107e+01	1.1846e+02	-1.0091e+02
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-2.9649e+01	4.7824e+01	-4.3254e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-1.2265e+01	-2.0930e+01	-8.4478e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	2.3566e+01	9.8413e+00	-1.4212e+02
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	-4.0033e+01	1.2577e+02	1.6228e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-4.6976e+01	8.5431e+01	1.1597e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-3.9092e+01	6.7816e+01	-4.4950e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-5.6526e+01	1.4912e+02	-4.0642e+01
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.0543e+01	5.8740e+01	6.8345e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-2.3468e+01	4.5461e+01	4.3186e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-3.6674e+01	7.1698e+01	1.6643e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-4.3205e+01	1.1699e+02	4.1568e+01
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	1.3405e+01	-2.7911e+01	7.2789e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.4297e+01	-2.1005e+01	4.7324e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.1718e+01	2.1708e+01	4.6623e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.3135e+01	3.0137e+01	7.2097e+01
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	4.2680e+01	-1.1535e+02	4.3709e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	3.9868e+01	-7.1876e+01	1.9173e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	2.6582e+01	-4.4763e+01	4.4223e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	1.0673e+01	-5.6805e+01	6.9050e+01
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	5.6174e+01	-1.5083e+02	-3.7248e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	4.2419e+01	-6.9906e+01	-4.2001e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	5.0325e+01	-8.6052e+01	1.4083e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	3.9120e+01	-1.2501e+02	1.8953e+01
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	-2.3530e+01	-9.8506e+00	-1.4017e+02
	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.0087e+01	1.7106e+01	-8.3128e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	3.3077e+01	-5.0967e+01	-4.0823e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	5.4061e+01	-1.2209e+02	-9.7782e+01

1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.0011e+02	4.3690e+02	-1.5103e+02
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.0505e+02	1.6747e+02	-5.4631e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-6.5307e+01	3.2868e+01	-1.8667e+02
	1372	0.0000e+00	0.0000e+00	0.0000e+00	4.5975e+01	5.1110e+01	-2.8321e+02
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	1.9902e+01	2.1998e+02	9.9982e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-8.4765e+01	1.7081e+02	3.2668e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-7.2790e+01	1.6738e+02	-5.3562e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.2019e+02	3.0417e+02	1.4898e+01
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	1.2814e+01	7.4780e+01	8.8562e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.7145e+01	6.4587e+01	6.7776e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-4.8489e+01	1.3015e+02	6.0453e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	1.0606e+01	1.3596e+02	8.1182e+01
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	-5.4553e+00	-2.5885e+01	8.3287e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	9.0618e+00	-3.6374e+01	7.7364e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.0210e+01	3.8672e+01	7.7323e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	4.2956e+00	2.8308e+01	8.3247e+01
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.1930e+01	-1.3294e+02	8.0870e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	4.6322e+01	-1.2874e+02	6.1877e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	1.5532e+01	-6.1986e+01	6.8512e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.4560e+01	-7.2262e+01	8.7539e+01
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	1.1143e+02	-3.0055e+02	1.7464e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	6.9051e+01	-1.6951e+02	-4.9006e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	8.1454e+01	-1.6878e+02	3.4489e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-2.3317e+01	-2.1759e+02	9.9741e+01
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	-5.3722e+01	-5.9233e+01	-2.8108e+02
	1318	0.0000e+00	0.0000e+00	0.0000e+00	6.3631e+01	-3.9384e+01	-1.8495e+02
	1564	0.0000e+00	0.0000e+00	0.0000e+00	1.0343e+02	-1.7209e+02	-5.1140e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	8.7718e+01	-4.4357e+02	-1.4709e+02
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	4.5796e+02	2.0054e+02	1.8785e+02
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.6010e+02	6.9239e+02	-5.6519e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-3.9718e+02	1.7810e+02	-6.5615e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	3.2168e+02	1.9740e+03	-4.2243e+02
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	1.5747e+02	1.5590e+02	3.4081e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	8.2819e+01	1.8297e+02	6.5278e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	5.0146e+01	3.8594e+02	9.0036e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	2.7530e+02	3.5998e+02	5.9025e+01
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	5.6937e+01	5.3003e+01	2.4201e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	3.7665e+01	4.9448e+01	6.7721e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	5.9493e+01	1.6741e+02	7.9035e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	1.1750e+02	1.3966e+02	3.6303e+01
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	-2.5670e+01	-3.4282e+01	2.3127e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.4323e+01	-4.5819e+01	6.6722e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	1.3402e+01	4.7899e+01	6.7985e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	2.7929e+01	3.3809e+01	2.4632e+01
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.1698e+02	-1.4089e+02	2.9897e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-6.3047e+01	-1.6485e+02	7.5582e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-3.9090e+01	-4.7052e+01	6.7045e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-5.5063e+01	-5.2453e+01	2.0693e+01
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	-2.7498e+02	-3.6255e+02	4.6835e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-5.6614e+01	-3.8485e+02	8.5684e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-8.8688e+01	-1.7726e+02	6.4481e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.5817e+02	-1.5381e+02	2.5318e+01
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	-3.7245e+02	-1.9909e+03	-4.3828e+02
	1307	0.0000e+00	0.0000e+00	0.0000e+00	3.9881e+02	-1.9329e+02	-6.4960e+02
	1558	0.0000e+00	0.0000e+00	0.0000e+00	1.2906e+02	-6.9290e+02	-5.8196e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-4.6401e+02	-1.8043e+02	1.5935e+02
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	-5.9039e+01	9.7303e+01	4.7634e+01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	6.8794e+01	-2.7809e+01	1.4643e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	8.4993e+01	2.6427e+02	8.7264e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	-6.1650e+01	-3.1220e+01	1.2649e+02
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	3.6681e+01	6.6873e+01	1.6190e+01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	4.0447e+01	-2.8923e+01	1.0279e+01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	6.5386e+01	1.8655e+02	2.0826e+01

	1551	0.0000e+00	0.0000e+00	0.0000e+00	-5.5527e+01	6.8344e+01	2.6139e+01
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	3.3121e+01	2.6739e+01	8.2737e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	2.7239e+01	-5.7469e+01	7.7998e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	3.8715e+01	1.3687e+02	8.4248e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-3.7881e+01	5.0239e+01	8.1274e+00
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	3.3982e+01	-1.1742e+01	9.0633e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-3.2469e+01	-9.3620e+01	1.0970e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	2.7093e+01	9.5605e+01	8.5425e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	-3.6772e+01	1.5027e+01	6.6287e+00
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	4.0509e+01	-4.6774e+01	1.2488e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-5.2360e+01	-1.3408e+02	1.7765e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-3.3542e+01	5.9161e+01	1.3957e+01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	-4.1644e+01	-2.3124e+01	8.7142e+00
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	5.6709e+01	-6.5752e+01	2.7936e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-8.6663e+01	-1.8319e+02	3.1940e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-5.5767e+01	3.1430e+01	2.2384e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	-4.9854e+01	-6.1999e+01	1.6704e+01
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	5.4899e+01	3.0644e+01	1.2248e+02
	25	0.0000e+00	0.0000e+00	0.0000e+00	-1.2540e+02	-2.6464e+02	9.4843e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-9.3872e+01	3.6783e+01	3.4309e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	6.4100e+01	-9.4730e+01	4.8217e+01
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	-3.4898e+01	1.6990e+01	1.9740e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-4.5011e+01	6.0031e+01	5.0314e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	3.8812e+01	-4.1125e+01	6.7408e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	2.8655e+01	-3.5621e+01	3.6500e+01
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	-4.3387e+01	4.5263e+01	6.2739e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-3.6611e+01	6.5677e+01	4.6606e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-4.4674e+01	5.0847e+01	2.1591e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-3.6419e+01	2.9944e+01	2.3629e+01
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	-3.5642e+01	2.3408e+01	-4.3924e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	-3.4248e+01	3.4928e+01	-8.5140e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-3.7713e+01	3.7154e+01	-5.7145e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-3.8105e+01	3.9712e+01	5.9407e+00
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	3.2825e+01	-1.1648e+01	-3.5405e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	3.5380e+01	-2.9478e+00	-9.5176e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	-3.5042e+01	5.3176e+00	-9.5274e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	-3.3655e+01	1.4622e+01	-3.8133e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	3.6040e+01	-3.7008e+01	2.4224e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	4.0122e+01	-3.3396e+01	-6.0455e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	-3.6763e+01	-3.1519e+01	-9.2968e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	3.3684e+01	-2.0334e+01	-2.9329e+00
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	3.8555e+01	-2.8543e+01	1.9917e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	4.6653e+01	-4.6931e+01	1.9185e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	4.2080e+01	-6.2376e+01	-4.8067e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	3.9414e+01	-4.2284e+01	2.5289e+00
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	-4.3138e+01	3.5900e+01	3.4343e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-5.8890e+01	4.1363e+01	6.5364e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	4.9743e+01	-6.0203e+01	4.7654e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	3.7254e+01	-1.6764e+01	1.6648e+01
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	-2.2193e+01	1.0054e+01	-8.2642e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-3.0091e+01	9.2979e+00	2.4749e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	3.1742e+01	-3.5216e+01	2.4611e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.7881e+01	-3.6144e+01	-7.6682e+00
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	-3.2835e+01	3.9927e+01	5.3070e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-3.6351e+01	3.7318e+01	1.2835e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-3.1812e+01	2.8732e+01	1.3591e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-2.5890e+01	2.4721e+01	6.0121e+00
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	-2.7512e+01	2.3812e+01	1.3689e+01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	-3.2588e+01	2.2653e+01	5.6945e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-3.6475e+01	3.8204e+01	6.2045e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-3.3187e+01	3.8962e+01	1.3243e+01
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.3563e+01	-1.2555e+01	1.6057e+01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	3.0133e+01	-9.9054e+00	2.5340e+00

	1543	0.0000e+00	0.0000e+00	0.0000e+00	-3.1549e+01	1.2661e+01	4.4520e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-2.6482e+01	1.4027e+01	1.6889e+01
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.8252e+01	-3.7427e+01	1.0437e+01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	3.3482e+01	-3.5428e+01	1.8400e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	3.0737e+01	-1.9918e+01	4.2350e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.4326e+01	-2.2283e+01	1.2385e+01
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.6249e+01	-2.3205e+01	2.4586e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	3.4091e+01	-2.6961e+01	9.9552e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	3.4356e+01	-3.4822e+01	9.7900e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.8385e+01	-3.8391e+01	1.6986e+00
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	-4.0592e+01	3.7643e+01	-8.8994e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	-4.7746e+01	3.6048e+01	2.2575e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	3.5528e+01	-8.6511e+00	2.1934e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.5594e+01	-8.9560e+00	-9.4744e+00
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	-2.3945e+01	3.9004e+01	-4.6194e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-2.1586e+01	1.2039e+01	-8.2859e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.3729e+01	-3.2038e+01	-2.1317e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	2.5738e+01	-2.9139e+01	-5.9933e+01
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	-3.3811e+01	6.6816e+01	4.5817e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-3.5229e+01	4.4388e+01	1.1548e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-2.6545e+01	2.9348e+01	-1.2797e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-2.7777e+01	5.6071e+01	-2.1776e+01
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.9334e+01	3.5113e+01	3.5061e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-2.7384e+01	2.7752e+01	2.1327e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-3.2925e+01	4.1196e+01	8.5919e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-3.5526e+01	6.4073e+01	2.1540e+01
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.5186e+01	-2.0772e+01	4.0563e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	1.9810e+01	-1.1493e+01	1.9468e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-2.2361e+01	1.2707e+01	2.0388e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.9109e+01	2.0287e+01	4.1370e+01
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	3.0606e+01	-6.3854e+01	1.9011e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.7337e+01	-3.9724e+01	5.5489e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.2552e+01	-2.6496e+01	2.0232e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.5610e+01	-3.5392e+01	3.3933e+01
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	2.3723e+01	-5.4196e+01	-2.4390e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.4171e+01	-2.7558e+01	-1.4728e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.9525e+01	-4.2746e+01	8.7761e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	2.9232e+01	-6.6187e+01	-3.2549e+00
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	-3.2946e+01	3.2290e+01	-6.1569e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-3.4759e+01	3.4104e+01	-2.2751e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.3370e+01	-1.0008e+01	-9.6969e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	2.0583e+01	-3.6627e+01	-4.8476e+01
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	-5.4146e+01	1.2210e+02	-9.7763e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-3.3171e+01	5.0980e+01	-4.0802e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	-1.0129e+01	-1.7098e+01	-8.3110e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	2.3442e+01	9.8816e+00	-1.4016e+02
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	-3.9210e+01	1.2500e+02	1.8966e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-5.0419e+01	8.6049e+01	1.4094e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-4.2513e+01	6.9913e+01	-4.1981e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-5.6263e+01	1.5083e+02	-3.7230e+01
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.0759e+01	5.6785e+01	6.9050e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-2.6667e+01	4.4752e+01	4.4226e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-3.9960e+01	7.1871e+01	1.9183e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-4.2773e+01	1.1534e+02	4.3718e+01
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	1.3018e+01	-3.0139e+01	7.2085e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.1596e+01	-2.1699e+01	4.6614e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.4357e+01	2.0991e+01	4.7325e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.3494e+01	2.7888e+01	7.2786e+01
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	4.3095e+01	-1.1698e+02	4.1544e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	3.6543e+01	-7.1680e+01	1.6630e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	2.3342e+01	-4.5453e+01	4.3175e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	1.0423e+01	-5.8743e+01	6.8329e+01
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	5.6410e+01	-1.4909e+02	-4.0691e+01

	1528	0.0000e+00	0.0000e+00	0.0000e+00	3.8946e+01	-6.7778e+01	-4.4992e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	4.6844e+01	-8.5407e+01	1.1583e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	3.9926e+01	-1.2576e+02	1.6206e+01
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	-2.3657e+01	-9.9273e+00	-1.4217e+02
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.2119e+01	2.1006e+01	-8.4520e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	2.9487e+01	-4.7782e+01	-4.3298e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	5.4997e+01	-1.1842e+02	-1.0095e+02
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-8.7793e+01	4.4360e+02	-1.4708e+02
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.0352e+02	1.7210e+02	-5.1123e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-6.3713e+01	3.9419e+01	-1.8494e+02
	1222	0.0000e+00	0.0000e+00	0.0000e+00	5.3692e+01	5.9277e+01	-2.8108e+02
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	2.3258e+01	2.1757e+02	9.9738e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-8.1541e+01	1.6876e+02	3.4498e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-6.9134e+01	1.6951e+02	-4.8987e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.1151e+02	3.0053e+02	1.7479e+01
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	1.4468e+01	7.2235e+01	8.7527e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.5632e+01	6.1961e+01	6.8511e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-4.6414e+01	1.2872e+02	6.1882e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	1.1898e+01	1.3291e+02	8.0865e+01
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-4.4394e+00	-2.8321e+01	8.3232e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	1.0113e+01	-3.8681e+01	7.7312e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-9.1618e+00	3.6349e+01	7.7357e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	5.3860e+00	2.5854e+01	8.3276e+01
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.0773e+01	-1.3597e+02	8.1159e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	4.8392e+01	-1.3015e+02	6.0428e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	1.7053e+01	-6.4596e+01	6.7758e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.2951e+01	-7.4795e+01	8.8548e+01
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	1.2012e+02	-3.0417e+02	1.4866e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	7.2700e+01	-1.6735e+02	-5.3613e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	8.4671e+01	-1.7081e+02	3.2640e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-2.0062e+01	-2.1998e+02	9.9957e+01
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-4.6138e+01	-5.1064e+01	-2.8324e+02
	1172	0.0000e+00	0.0000e+00	0.0000e+00	6.5200e+01	-3.2842e+01	-1.8671e+02
	1522	0.0000e+00	0.0000e+00	0.0000e+00	1.0494e+02	-1.6743e+02	-5.4680e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	1.0007e+02	-4.3685e+02	-1.5108e+02
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	4.6391e+02	1.8037e+02	1.5927e+02
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.2912e+02	6.9289e+02	-5.8204e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-3.9892e+02	1.9336e+02	-6.4958e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	3.7272e+02	1.9910e+03	-4.3835e+02
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	1.5804e+02	1.5378e+02	2.5279e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	8.8611e+01	1.7722e+02	6.4474e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	5.6653e+01	3.8484e+02	8.5668e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	2.7486e+02	3.6254e+02	4.6790e+01
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	5.4894e+01	5.2429e+01	2.0663e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	3.8977e+01	4.7019e+01	6.7033e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	6.2954e+01	1.6483e+02	7.5562e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	1.1683e+02	1.4087e+02	2.9860e+01
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	-2.8061e+01	-3.3824e+01	2.4621e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.3533e+01	-4.7918e+01	6.7975e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	1.4206e+01	4.5789e+01	6.6703e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	2.5480e+01	3.4263e+01	2.3104e+01
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.1765e+02	-1.3966e+02	3.6311e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-5.9624e+01	-1.6742e+02	7.9027e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-3.7794e+01	-4.9465e+01	6.7704e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-5.7087e+01	-5.3017e+01	2.4199e+01
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	-2.7544e+02	-3.5995e+02	5.9052e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-5.0348e+01	-3.8593e+02	9.0023e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-8.2945e+01	-1.8299e+02	6.5255e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.5762e+02	-1.5591e+02	3.4101e+01
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-3.2175e+02	-1.9739e+03	-4.2239e+02
	1162	0.0000e+00	0.0000e+00	0.0000e+00	3.9704e+02	-1.7802e+02	-6.5620e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	1.6017e+02	-6.9236e+02	-5.6540e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-4.5808e+02	-2.0059e+02	1.8794e+02

1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	-4.7165e+01	2.7791e+02	2.8934e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	4.4959e+01	2.0062e+02	1.8108e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-9.9948e+01	4.0308e+02	6.5340e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	2.6216e+01	2.1232e+02	8.0732e+01
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	3.7447e+01	2.6370e+02	2.4532e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-3.1219e+01	1.7839e+02	2.0290e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	4.0673e+01	3.6030e+02	2.3600e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-4.6259e+01	2.6846e+02	2.7059e+01
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	3.4165e+01	2.2206e+02	2.8945e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-2.7488e+01	1.3355e+02	2.1744e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-2.9257e+01	3.2952e+02	1.8349e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-3.3378e+01	2.4785e+02	2.5182e+01
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	3.4394e+01	1.7362e+02	3.5224e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-2.3513e+01	8.0156e+01	2.3594e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-2.4529e+01	2.9367e+02	2.0803e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-2.9340e+01	2.0434e+02	3.2542e+01
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	3.7697e+01	1.2061e+02	3.7130e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-2.0429e+01	2.5050e+01	2.4404e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-2.1583e+01	2.5130e+02	2.3773e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	-2.7246e+01	1.5312e+02	3.7012e+01
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	4.2641e+01	6.6040e+01	3.4335e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-2.0566e+01	-3.3966e+01	2.4428e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	2.1972e+01	2.0448e+02	2.5393e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	-2.7215e+01	9.9060e+01	3.6438e+01
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	4.8471e+01	1.5823e+01	2.9049e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-2.3278e+01	-9.0460e+01	2.5247e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	2.3988e+01	1.5589e+02	2.6222e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	-2.9905e+01	4.5356e+01	3.1819e+01
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	5.8350e+01	-4.1369e+01	2.5413e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-3.3958e+01	-1.4937e+02	2.8505e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	2.6095e+01	1.0845e+02	2.8001e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	-3.5967e+01	-1.5737e+01	2.6480e+01
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	8.8027e+01	-7.2620e+01	3.2521e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-6.2052e+01	-2.1550e+02	3.6247e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-3.7192e+01	6.7672e+01	3.2408e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	4.9173e+01	-6.5168e+01	2.6729e+01
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	9.7981e+01	2.0045e+01	1.2392e+02
	32	0.0000e+00	0.0000e+00	0.0000e+00	-1.3090e+02	-3.0722e+02	8.7073e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-6.9112e+01	5.6700e+01	4.3170e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	8.9073e+01	-1.0794e+02	5.0968e+01
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	-3.2877e+01	2.3984e+02	7.9590e+00
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-3.8578e+01	2.7361e+02	2.7118e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-7.3358e+01	1.9136e+02	4.5754e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	5.7862e+01	1.8413e+02	2.6019e+01
1113	1494	0.0000e+00	0.0000e+00	0.0000e+00	-3.0336e+01	2.6302e+02	1.6480e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-3.4785e+01	2.6764e+02	1.4989e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-3.4603e+01	2.6024e+02	1.8449e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	-3.4613e+01	2.5572e+02	1.9770e+01
1114	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.9852e+01	2.2793e+02	2.3589e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-3.1511e+01	2.3102e+02	1.7901e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-3.3730e+01	2.4309e+02	1.4004e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-2.9529e+01	2.5493e+02	1.9571e+01
1115	1492	0.0000e+00	0.0000e+00	0.0000e+00	3.2785e+01	1.7431e+02	3.0123e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	3.1681e+01	1.8091e+02	2.3264e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-3.0687e+01	2.0089e+02	1.9727e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	3.0014e+01	2.1488e+02	2.6532e+01
1116	1491	0.0000e+00	0.0000e+00	0.0000e+00	3.8864e+01	1.1419e+02	3.1334e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	3.5232e+01	1.2620e+02	2.4322e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	3.1384e+01	1.4843e+02	2.4288e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	3.3338e+01	1.5901e+02	3.1536e+01
1117	1490	0.0000e+00	0.0000e+00	0.0000e+00	4.7471e+01	5.4325e+01	2.6870e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	4.1461e+01	7.1069e+01	2.1248e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	3.5278e+01	9.2056e+01	2.4363e+01



	1491	0.0000e+00	0.0000e+00	0.0000e+00	4.0063e+01	9.8373e+01	3.0906e+01
1118	1489	0.0000e+00	0.0000e+00	0.0000e+00	5.7991e+01	1.0229e+01	1.9258e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	4.9596e+01	2.0668e+01	1.7568e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	4.1477e+01	3.6298e+01	2.0959e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	4.9941e+01	3.9505e+01	2.4933e+01
1119	1488	0.0000e+00	0.0000e+00	0.0000e+00	6.8215e+01	-4.0431e+01	1.3778e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	6.0778e+01	-3.0892e+01	1.5743e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	4.9120e+01	-2.2705e+01	1.7846e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	6.2826e+01	-1.8402e+01	1.6992e+01
1120	1487	0.0000e+00	0.0000e+00	0.0000e+00	6.9475e+01	-4.0886e+01	2.2016e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	7.5184e+01	-5.6339e+01	2.1573e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	5.9070e+01	-6.5573e+01	1.5621e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	7.6279e+01	-4.9662e+01	1.2170e+01
1121	1426	0.0000e+00	0.0000e+00	0.0000e+00	5.6581e+01	2.3414e+01	3.2844e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	6.3529e+01	3.0486e+01	6.3378e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	7.5374e+01	-7.1350e+01	4.7593e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	6.9780e+01	-3.1707e+01	1.7531e+01
1122	1485	0.0000e+00	0.0000e+00	0.0000e+00	2.2892e+01	2.4677e+02	-9.8672e+00
	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.8206e+01	2.4415e+02	1.5746e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-5.5563e+01	1.8024e+02	9.2422e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	5.3250e+01	1.9169e+02	-1.5950e+01
1123	1484	0.0000e+00	0.0000e+00	0.0000e+00	-2.0519e+01	2.7210e+02	1.6040e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-2.8173e+01	2.6099e+02	2.1195e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.5638e+01	2.5905e+02	1.4248e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	2.3646e+01	2.6433e+02	9.7981e+00
1124	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.3140e+01	2.3852e+02	3.1764e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.8086e+01	2.3028e+02	2.5766e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-2.8118e+01	2.5782e+02	1.8880e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-2.0801e+01	2.6600e+02	2.4538e+01
1125	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.9328e+01	1.8013e+02	4.1304e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	3.1869e+01	1.7631e+02	3.1310e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.8357e+01	2.1679e+02	2.6807e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.3372e+01	2.2335e+02	3.6630e+01
1126	1481	0.0000e+00	0.0000e+00	0.0000e+00	3.8748e+01	1.1335e+02	4.3500e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	3.9672e+01	1.1450e+02	3.2349e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	3.2897e+01	1.5919e+02	3.1988e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.9212e+01	1.6120e+02	4.3118e+01
1127	1480	0.0000e+00	0.0000e+00	0.0000e+00	5.0353e+01	4.7260e+01	3.9236e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	5.0336e+01	5.3107e+01	2.7783e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	4.1243e+01	9.6643e+01	3.1656e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	3.8708e+01	9.3735e+01	4.3238e+01
1128	1479	0.0000e+00	0.0000e+00	0.0000e+00	6.2547e+01	-1.3665e+01	2.9358e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	6.2220e+01	1.0469e+01	1.9341e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	5.2192e+01	3.6691e+01	2.6269e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	5.0881e+01	2.9482e+01	3.6674e+01
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	6.9143e+01	-4.6986e+01	1.5970e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	7.1214e+01	-4.2398e+01	1.2159e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	6.3473e+01	-1.8218e+01	1.9014e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	6.3556e+01	-2.6443e+01	2.3297e+01
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	6.0400e+01	-3.9732e+01	4.1918e+00
	1487	0.0000e+00	0.0000e+00	0.0000e+00	6.7000e+01	-4.1712e+01	1.2411e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	7.0366e+01	-4.2781e+01	1.6213e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	6.8694e+01	-5.0421e+01	6.9940e+00
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	-4.1472e+01	2.2601e+01	-1.2474e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	5.0558e+01	2.2742e+01	2.0263e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	6.4111e+01	-2.5049e+01	2.2057e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	5.5791e+01	-2.7646e+01	-1.1312e+01
1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.2656e+01	2.8692e+02	-3.3169e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.6670e+01	2.5635e+02	-6.4475e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	5.0937e+01	1.9905e+02	-3.2488e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	4.2029e+01	2.2679e+02	-5.9929e+01
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.0113e+01	2.9837e+02	1.3700e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-1.8301e+01	2.7797e+02	1.9694e+01

	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.4432e+01	2.7191e+02	-8.9624e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.2066e+01	3.0134e+02	-1.2103e+01
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.5332e+01	2.5372e+02	4.1021e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	-1.9750e+01	2.4309e+02	3.3676e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-1.8697e+01	2.7109e+02	2.0457e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	-1.0981e+01	2.9078e+02	2.7303e+01
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	2.3268e+01	1.8669e+02	5.2759e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.6170e+01	1.8219e+02	4.1786e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	2.0780e+01	2.2628e+02	3.5688e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.5098e+01	2.3542e+02	4.6541e+01
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	3.1741e+01	1.1372e+02	5.5630e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	3.6539e+01	1.1314e+02	4.4043e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.7647e+01	1.6216e+02	4.2759e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	2.2510e+01	1.6453e+02	5.4300e+01
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	4.1733e+01	4.1144e+01	5.3069e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	4.9043e+01	4.5293e+01	4.0376e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	3.8172e+01	9.2590e+01	4.3100e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	3.0971e+01	9.0911e+01	5.5755e+01
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	5.4599e+01	-2.7781e+01	4.2756e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	6.2340e+01	-1.6706e+01	2.9268e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	5.1648e+01	2.5864e+01	3.7816e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	4.1074e+01	2.0068e+01	5.1292e+01
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	6.4788e+01	-7.6060e+01	1.7609e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	7.0224e+01	-5.2051e+01	1.0111e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	6.5714e+01	-3.1677e+01	2.6901e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	5.3472e+01	-4.4161e+01	3.4883e+01
1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	5.5237e+01	-7.2856e+01	-2.6348e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	6.1251e+01	-4.5720e+01	-1.5221e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	7.0820e+01	-5.6074e+01	1.0441e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	6.2102e+01	-7.9611e+01	-4.5670e+00
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	-2.7130e+01	1.7219e+01	-6.5978e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	3.9517e+01	1.9172e+01	-2.6950e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	5.4842e+01	-3.0663e+01	-1.2296e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	5.1106e+01	-5.7068e+01	-5.1084e+01
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	7.3659e+00	3.6803e+02	-5.6152e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	-7.9521e+00	3.0253e+02	-2.6356e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	4.4486e+01	2.4636e+02	-8.1428e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	3.7731e+01	3.0078e+02	-1.1127e+02
1143	1464	0.0000e+00	0.0000e+00	0.0000e+00	9.3818e+00	3.4001e+02	2.2539e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	-1.2404e+01	3.1387e+02	1.8059e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	-7.5113e+00	3.1408e+02	-2.3073e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-7.6035e+00	3.7456e+02	-1.7694e+01
1144	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.8759e+01	2.7022e+02	5.3249e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.0937e+01	2.6049e+02	4.1503e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	-9.3912e+00	2.9853e+02	2.4949e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	4.7003e+00	3.2518e+02	3.6513e+01
1145	1462	0.0000e+00	0.0000e+00	0.0000e+00	2.1723e+01	1.9201e+02	5.9609e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	2.0371e+01	1.8750e+02	5.1227e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.3159e+01	2.4007e+02	4.6498e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.4450e+01	2.4582e+02	5.4882e+01
1146	1461	0.0000e+00	0.0000e+00	0.0000e+00	2.1357e+01	1.1561e+02	6.0862e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	2.8509e+01	1.1172e+02	5.4683e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	2.0735e+01	1.6746e+02	5.3154e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.8141e+01	1.6687e+02	5.9337e+01
1147	1460	0.0000e+00	0.0000e+00	0.0000e+00	2.1497e+01	4.0117e+01	6.1805e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	3.7004e+01	3.7546e+01	5.4298e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	2.7988e+01	9.2121e+01	5.3851e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.8225e+01	9.0490e+01	6.1348e+01
1148	1459	0.0000e+00	0.0000e+00	0.0000e+00	2.8069e+01	-3.9786e+01	5.8598e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	4.9589e+01	-3.3290e+01	4.5766e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	3.8335e+01	1.7468e+01	5.0344e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.8493e+01	1.4574e+01	6.3177e+01
1149	1458	0.0000e+00	0.0000e+00	0.0000e+00	4.9298e+01	-1.2506e+02	3.3559e+01

	1468	0.0000e+00	0.0000e+00	0.0000e+00	6.4604e+01	-8.5008e+01	1.4942e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	5.6381e+01	-5.5328e+01	3.8091e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	2.4061e+01	-6.5667e+01	5.7003e+01
1150	1457	0.0000e+00	0.0000e+00	0.0000e+00	6.2593e+01	-1.6543e+02	-4.1686e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	6.4055e+01	-8.6790e+01	-4.5960e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	7.2924e+01	-9.9964e+01	7.4814e+00
	1458	0.0000e+00	0.0000e+00	0.0000e+00	4.4738e+01	-1.3425e+02	1.1526e+01
1151	1393	0.0000e+00	0.0000e+00	0.0000e+00	-1.7655e+01	-3.5010e+01	-1.4418e+02
	1404	0.0000e+00	0.0000e+00	0.0000e+00	3.3476e+01	1.6875e+01	-8.9234e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	5.6208e+01	-7.0861e+01	-4.6492e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	5.9622e+01	-1.3927e+02	-1.0145e+02
1152	1455	0.0000e+00	0.0000e+00	0.0000e+00	1.9477e+01	5.3747e+02	-5.4919e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-3.8095e+01	4.0512e+02	-3.1927e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	2.0033e+01	3.3901e+02	-1.4779e+02
	1456	0.0000e+00	0.0000e+00	0.0000e+00	4.9087e+01	4.5950e+02	-1.7063e+02
1153	1454	0.0000e+00	0.0000e+00	0.0000e+00	5.0956e+01	3.8770e+02	5.9814e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	-1.0713e+01	3.6457e+02	2.6297e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-1.6053e+01	3.9111e+02	-2.0624e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-1.5456e+01	4.6914e+02	1.4685e+01
1154	1453	0.0000e+00	0.0000e+00	0.0000e+00	4.4166e+01	2.7674e+02	5.6793e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.9600e+01	2.7364e+02	4.7489e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	8.1460e+00	3.3452e+02	4.3447e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	4.0075e+01	3.4036e+02	5.2887e+01
1155	1452	0.0000e+00	0.0000e+00	0.0000e+00	2.8872e+01	1.9148e+02	5.0877e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	2.3045e+01	1.8912e+02	5.2830e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.9238e+01	2.5177e+02	5.4453e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	3.5490e+01	2.4600e+02	5.2611e+01
1156	1451	0.0000e+00	0.0000e+00	0.0000e+00	1.1117e+01	1.1685e+02	4.9014e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.8511e+01	1.1130e+02	5.5015e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.8024e+01	1.7160e+02	5.4796e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	2.0473e+01	1.6655e+02	4.8839e+01
1157	1450	0.0000e+00	0.0000e+00	0.0000e+00	-1.3615e+01	4.5504e+01	5.2807e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.3608e+01	3.4859e+01	5.8983e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.3231e+01	9.5255e+01	5.4975e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-6.9560e+00	9.3268e+01	4.8779e+01
1158	1449	0.0000e+00	0.0000e+00	0.0000e+00	-3.0769e+01	-3.2595e+01	6.2239e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	1.3749e+01	-4.7513e+01	6.3229e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.0004e+01	1.8079e+01	5.6141e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-2.1854e+01	1.8701e+01	5.5153e+01
1159	1448	0.0000e+00	0.0000e+00	0.0000e+00	-3.4470e+01	-1.3410e+02	7.0540e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	4.2285e+01	-1.3623e+02	5.2385e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	1.5897e+01	-7.2423e+01	5.1404e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-3.9449e+01	-7.2102e+01	6.9721e+01
1160	1447	0.0000e+00	0.0000e+00	0.0000e+00	9.0273e+01	-3.0494e+02	1.6179e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	6.5161e+01	-1.8286e+02	-5.1153e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	7.6484e+01	-1.7768e+02	2.4561e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-4.6269e+01	-2.1796e+02	9.1143e+01
1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	-7.0234e+01	-9.2195e+01	-2.7772e+02
	1393	0.0000e+00	0.0000e+00	0.0000e+00	6.5616e+01	-6.6889e+01	-1.8820e+02
	1457	0.0000e+00	0.0000e+00	0.0000e+00	1.0282e+02	-1.9133e+02	-5.4711e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	6.7819e+01	-4.5621e+02	-1.4411e+02
1162	782	0.0000e+00	0.0000e+00	0.0000e+00	2.2909e+02	4.7813e+02	1.0216e+02
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-3.4083e+01	6.4758e+02	-3.0640e+01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-1.1643e+02	5.3631e+02	-2.8749e+02
	22	0.0000e+00	0.0000e+00	0.0000e+00	1.1721e+02	1.2725e+03	-1.6553e+02
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	1.1751e+02	3.6590e+02	3.7574e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	7.8704e+01	3.7652e+02	4.0912e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	5.6700e+01	5.0802e+02	4.6322e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	1.5330e+02	5.0911e+02	4.3422e+01
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	7.3627e+01	2.6472e+02	2.7820e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	5.9918e+01	2.6662e+02	4.3299e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	6.8460e+01	3.5429e+02	5.0288e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	9.6398e+01	3.4259e+02	3.5205e+01

1165	779	0.0000e+00	0.0000e+00	0.0000e+00	3.7825e+01	1.8399e+02	2.1065e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	3.4919e+01	1.8485e+02	3.8353e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	4.7142e+01	2.5188e+02	4.3211e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	5.7938e+01	2.4332e+02	2.6378e+01
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	7.0170e+00	1.1371e+02	1.7412e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	1.0231e+01	1.1187e+02	3.6177e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	2.2446e+01	1.7077e+02	3.7948e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	2.4435e+01	1.6564e+02	1.9439e+01
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	-3.5114e+01	4.6655e+01	1.7647e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-2.3484e+01	4.0033e+01	3.9188e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-9.4525e+00	9.9189e+01	3.7237e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.2132e+01	9.7019e+01	1.5303e+01
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	-8.4251e+01	-3.1155e+01	2.2682e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-5.8191e+01	-4.3203e+01	4.8965e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-3.8779e+01	2.9870e+01	4.2200e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-5.1425e+01	3.0358e+01	1.5195e+01
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.6006e+02	-1.3605e+02	3.3853e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-9.7695e+01	-1.6160e+02	6.6414e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-7.8121e+01	-4.9231e+01	5.2706e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-1.0774e+02	-4.7602e+01	2.0619e+01
1170	774	0.0000e+00	0.0000e+00	0.0000e+00	-3.1207e+02	-3.6334e+02	5.4439e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-9.9670e+01	-3.8865e+02	8.3250e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-1.2259e+02	-1.7583e+02	5.8127e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.9928e+02	-1.4900e+02	3.2180e+01
1171	21	0.0000e+00	0.0000e+00	0.0000e+00	-4.9256e+02	-1.9986e+03	-4.3674e+02
	1382	0.0000e+00	0.0000e+00	0.0000e+00	3.7949e+02	-2.3075e+02	-6.3428e+02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	1.1155e+02	-6.9846e+02	-6.0670e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-5.0256e+02	-1.8138e+02	1.6365e+02
1172	1436	0.0000e+00	0.0000e+00	0.0000e+00	7.3399e+01	1.9780e+02	4.1298e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	1.1951e+02	3.1103e+01	4.2175e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	1.7977e+02	4.0182e+02	9.4159e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	-7.1937e+01	8.6821e+01	1.1402e+02
1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	5.5999e+01	1.4002e+02	9.5359e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	7.0085e+01	3.1890e+01	2.5189e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	1.1197e+02	2.8918e+02	3.2130e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-6.4177e+01	1.5574e+02	1.8042e+01
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	4.2658e+01	9.5238e+01	-1.2466e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	3.9087e+01	1.1791e+01	-1.8119e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	6.7786e+01	2.1900e+02	-2.0581e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-4.3619e+01	1.2150e+02	-1.3829e+01
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	3.5691e+01	5.2498e+01	-1.1795e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	2.2918e+01	-3.4055e+01	-1.4904e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	4.0277e+01	1.6384e+02	-1.7116e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-3.3413e+01	7.8790e+01	-1.3857e+01
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	3.3946e+01	1.0218e+01	-9.9814e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.8126e+01	-7.2817e+01	-1.2997e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	2.5595e+01	1.1726e+02	-1.4713e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-2.8696e+01	3.5444e+01	-1.2023e+01
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	3.5367e+01	-3.5795e+01	-8.6351e+00
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-2.1778e+01	-1.1845e+02	-1.1794e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	1.9539e+01	7.6281e+01	-1.2315e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	-2.7134e+01	-9.8867e+00	-1.0072e+01
1178	1430	0.0000e+00	0.0000e+00	0.0000e+00	3.8522e+01	-8.2532e+01	-8.5247e+00
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-3.3635e+01	-1.7211e+02	-1.0879e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-2.0607e+01	3.9294e+01	-9.9663e+00
	1431	0.0000e+00	0.0000e+00	0.0000e+00	-2.8209e+01	-5.4146e+01	-8.8975e+00
1179	1429	0.0000e+00	0.0000e+00	0.0000e+00	4.4579e+01	-1.3094e+02	-7.0308e+00
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-5.7030e+01	-2.3651e+02	-9.2874e+00
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-3.1605e+01	1.0221e+01	-8.0047e+00
	1430	0.0000e+00	0.0000e+00	0.0000e+00	-3.2561e+01	-1.0153e+02	-8.0803e+00
1180	1428	0.0000e+00	0.0000e+00	0.0000e+00	6.3971e+01	-1.7176e+02	1.0954e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-9.4695e+01	-3.1764e+02	1.5065e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-5.6547e+01	-2.8895e+01	-9.8877e+00

	1429	0.0000e+00	0.0000e+00	0.0000e+00	-4.1652e+01	-1.5346e+02	-2.5655e+00
1181	1427	0.0000e+00	0.0000e+00	0.0000e+00	9.9161e+01	-1.0285e+02	1.1705e+02
	31	0.0000e+00	0.0000e+00	0.0000e+00	-1.3679e+02	-4.4084e+02	8.0565e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-9.6958e+01	-3.2453e+01	2.2875e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	6.4188e+01	-2.1944e+02	3.9901e+01
1182	1425	0.0000e+00	0.0000e+00	0.0000e+00	-5.8765e+01	1.0926e+02	2.3715e+00
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-5.9164e+01	1.6586e+02	3.0679e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	6.6456e+01	6.1921e+01	5.8482e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	-5.1710e+01	6.2925e+01	3.0281e+01
1183	1424	0.0000e+00	0.0000e+00	0.0000e+00	-5.7237e+01	1.2450e+02	-1.4376e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-4.6112e+01	1.4434e+02	-1.9055e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-5.6366e+01	1.3063e+02	-5.5508e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-5.5220e+01	1.1901e+02	2.5373e+00
1184	1423	0.0000e+00	0.0000e+00	0.0000e+00	-4.3675e+01	9.4270e+01	-1.6797e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-3.6976e+01	1.0416e+02	-2.4174e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-4.4397e+01	1.0620e+02	-2.3733e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-4.9226e+01	1.1659e+02	-1.6568e+01
1185	1422	0.0000e+00	0.0000e+00	0.0000e+00	-3.4554e+01	5.2324e+01	-1.4414e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	3.2244e+01	6.1220e+01	-2.2292e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-3.5667e+01	6.8580e+01	-2.5025e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-3.9409e+01	8.3466e+01	-1.7081e+01
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.3650e+01	7.3653e+00	-1.2764e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	3.1675e+01	1.7966e+01	-2.0728e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-3.1535e+01	2.7239e+01	-2.2242e+01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-3.3013e+01	4.0383e+01	-1.4301e+01
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	4.1278e+01	-4.0747e+01	-1.3173e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	3.4932e+01	-2.7002e+01	-2.1484e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	3.1468e+01	-1.7470e+01	-2.0468e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.4673e+01	-6.8168e+00	-1.2717e+01
1188	1419	0.0000e+00	0.0000e+00	0.0000e+00	5.4197e+01	-8.7722e+01	-1.5685e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	4.1201e+01	-7.1572e+01	-2.4313e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	3.4902e+01	-6.3024e+01	-2.1132e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	4.4537e+01	-5.3780e+01	-1.3207e+01
1189	1418	0.0000e+00	0.0000e+00	0.0000e+00	6.8135e+01	-1.2669e+02	-1.5881e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	5.1096e+01	-1.1468e+02	-2.4047e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	4.0651e+01	-1.1098e+02	-2.3282e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	6.0205e+01	-1.0060e+02	-1.5301e+01
1190	1417	0.0000e+00	0.0000e+00	0.0000e+00	7.4226e+01	-1.3430e+02	8.7973e+00
	1428	0.0000e+00	0.0000e+00	0.0000e+00	6.6691e+01	-1.4554e+02	-5.0418e+00
	1429	0.0000e+00	0.0000e+00	0.0000e+00	4.8680e+01	-1.5794e+02	-1.9206e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	7.9197e+01	-1.3727e+02	-1.3585e+01
1191	1416	0.0000e+00	0.0000e+00	0.0000e+00	5.5453e+01	-7.8811e+01	3.3224e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	5.3573e+01	-7.7630e+01	5.9085e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	6.3536e+01	-1.8445e+02	3.0657e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	8.1324e+01	-1.2612e+02	7.1312e+00
1192	1414	0.0000e+00	0.0000e+00	0.0000e+00	-5.1214e+01	9.2934e+01	-1.9830e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-5.3393e+01	9.6974e+01	1.0726e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	-4.9299e+01	5.7775e+01	1.6888e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-4.0631e+01	4.9552e+01	-1.4047e+01
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	-5.8396e+01	1.2072e+02	-1.2173e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-5.3760e+01	1.1714e+02	-6.9721e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-5.4679e+01	1.1546e+02	-5.3479e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-5.4109e+01	1.0854e+02	-1.1360e+01
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	-4.6617e+01	1.0005e+02	-3.0651e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-4.3903e+01	9.4797e+01	-1.2145e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-5.3308e+01	1.1436e+02	-1.4642e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-5.6355e+01	1.1637e+02	-4.2824e+00
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	-3.2518e+01	5.7949e+01	9.5055e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-3.4085e+01	5.4664e+01	-1.1132e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-4.1809e+01	8.2038e+01	-1.3262e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-4.3501e+01	8.6627e+01	5.3890e+00
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	3.0558e+01	1.0346e+01	1.2914e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.3147e+01	9.1928e+00	-1.0109e+01

	1422	0.0000e+00	0.0000e+00	0.0000e+00	-3.3065e+01	3.9124e+01	-1.0662e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-3.0695e+01	4.1855e+01	1.0888e+01
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	4.3591e+01	-4.0358e+01	1.3424e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	4.3202e+01	-3.9156e+01	-1.0201e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	3.4624e+01	-8.2412e+00	-9.6684e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	3.1463e+01	-8.0903e+00	1.3587e+01
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	6.3667e+01	-8.9317e+01	1.1650e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	5.9485e+01	-8.6131e+01	-1.2133e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	4.6458e+01	-5.5719e+01	-1.0008e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	4.6367e+01	-5.7750e+01	1.3439e+01
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	8.0737e+01	-1.2553e+02	9.0329e+00
	1418	0.0000e+00	0.0000e+00	0.0000e+00	7.5681e+01	-1.2453e+02	-1.3464e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	6.2867e+01	-1.0075e+02	-1.1044e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	6.7292e+01	-1.0514e+02	9.8079e+00
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	7.8981e+01	-1.2399e+02	-8.3000e+00
	1417	0.0000e+00	0.0000e+00	0.0000e+00	7.7183e+01	-1.3102e+02	-7.3191e+00
	1418	0.0000e+00	0.0000e+00	0.0000e+00	7.6358e+01	-1.2940e+02	-8.2347e+00
	1407	0.0000e+00	0.0000e+00	0.0000e+00	8.3203e+01	-1.3269e+02	-9.5214e+00
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	4.9336e+01	-6.6822e+01	-9.0121e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	5.1082e+01	-7.3808e+01	1.9908e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	7.3852e+01	-1.1366e+02	1.5606e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	7.5370e+01	-1.1013e+02	-1.4756e+01
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	-5.2863e+01	1.1500e+02	-5.4535e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-5.0696e+01	9.2780e+01	-1.8212e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-3.7641e+01	5.0603e+01	-2.9231e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	-2.7381e+01	5.0781e+01	-6.5710e+01
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	-5.7112e+01	1.4249e+02	-9.9497e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-6.0771e+01	1.2441e+02	-4.5113e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-5.5643e+01	1.1108e+02	-2.4755e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-5.5436e+01	1.3312e+02	-3.0271e+01
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	-4.0487e+01	1.1123e+02	2.0771e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-4.7909e+01	1.0380e+02	6.7840e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-5.7182e+01	1.1818e+02	-6.7887e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-5.7756e+01	1.3561e+02	8.6423e+00
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	-2.5555e+01	6.2540e+01	3.0265e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-3.1196e+01	5.9968e+01	1.3059e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-4.2813e+01	8.7571e+01	7.8794e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-3.8696e+01	9.4331e+01	2.5379e+01
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	2.3207e+01	1.3214e+01	3.2423e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.8139e+01	1.0987e+01	1.6487e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-2.9135e+01	4.2371e+01	1.4311e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-2.3887e+01	4.3981e+01	3.0453e+01
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	3.4202e+01	-3.9080e+01	3.4150e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	4.1440e+01	-4.0394e+01	1.7862e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.9803e+01	-8.1000e+00	1.6493e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	2.4007e+01	-8.0034e+00	3.2920e+01
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	5.4737e+01	-9.3855e+01	3.3405e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	6.2139e+01	-9.0043e+01	1.5472e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	4.5851e+01	-5.9022e+01	1.6622e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	3.6435e+01	-5.8973e+01	3.5028e+01
1209	1396	0.0000e+00	0.0000e+00	0.0000e+00	7.7484e+01	-1.4300e+02	2.0329e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	8.0835e+01	-1.2753e+02	-8.8396e+00
	1408	0.0000e+00	0.0000e+00	0.0000e+00	6.8940e+01	-1.0833e+02	1.4284e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	5.6448e+01	-1.1342e+02	2.9933e+01
1210	1395	0.0000e+00	0.0000e+00	0.0000e+00	7.7306e+01	-1.4995e+02	-1.9874e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	8.1118e+01	-1.2731e+02	-1.7984e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	8.5876e+01	-1.3647e+02	8.7458e+00
	1396	0.0000e+00	0.0000e+00	0.0000e+00	7.6576e+01	-1.5346e+02	-8.0719e+00
1211	1394	0.0000e+00	0.0000e+00	0.0000e+00	3.4144e+01	-7.1388e+01	-5.8451e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	4.9302e+01	-6.9230e+01	-2.3898e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	7.5136e+01	-1.1090e+02	-1.1990e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	7.4376e+01	-1.3488e+02	-4.5506e+01
1212	1392	0.0000e+00	0.0000e+00	0.0000e+00	-6.5660e+01	1.9335e+02	-9.6997e+01

	1403	0.0000e+00	0.0000e+00	0.0000e+00	-5.8862e+01	1.2687e+02	-4.6009e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	-3.1475e+01	6.2286e+01	-9.0234e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	1.1483e+01	8.3887e+01	-1.4131e+02
1213	1391	0.0000e+00	0.0000e+00	0.0000e+00	-4.0101e+01	1.8569e+02	1.5144e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-6.6702e+01	1.6027e+02	4.0609e+00
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-6.3754e+01	1.4451e+02	-4.7378e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-6.7672e+01	2.1642e+02	-3.5658e+01
1214	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.6665e+01	1.2154e+02	4.8700e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-4.0842e+01	1.1809e+02	2.5744e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-5.3281e+01	1.4200e+02	1.0375e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-4.4342e+01	1.6999e+02	3.2794e+01
1215	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.5417e+01	6.2646e+01	4.6378e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-2.2263e+01	6.2260e+01	3.1993e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-3.3205e+01	9.7972e+01	3.1801e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.7829e+01	9.7819e+01	4.6198e+01
1216	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.6190e+01	1.4858e+01	4.3440e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	2.0911e+01	1.1250e+01	3.4449e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-2.1447e+01	4.6931e+01	3.4549e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.5337e+01	4.2950e+01	4.3569e+01
1217	1387	0.0000e+00	0.0000e+00	0.0000e+00	1.5961e+01	-3.4076e+01	4.7098e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.9353e+01	-4.1510e+01	3.8292e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	2.1066e+01	-5.8214e+00	3.4792e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.5747e+01	-6.5736e+00	4.3598e+01
1218	1386	0.0000e+00	0.0000e+00	0.0000e+00	2.2289e+01	-9.3025e+01	5.4000e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	4.5888e+01	-9.7357e+01	4.0009e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	3.1199e+01	-5.7528e+01	3.6370e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	1.5090e+01	-5.4912e+01	5.0385e+01
1219	1385	0.0000e+00	0.0000e+00	0.0000e+00	5.0842e+01	-1.7392e+02	4.5288e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	6.9178e+01	-1.4983e+02	2.2728e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	5.4738e+01	-1.1917e+02	3.4244e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.9931e+01	-1.1944e+02	5.7410e+01
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	7.6610e+01	-2.3550e+02	-2.1374e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	8.2802e+01	-1.6278e+02	-3.5764e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	8.4193e+01	-1.7131e+02	1.4978e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	4.5394e+01	-1.9389e+02	2.8841e+01
1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	4.3972e+00	-1.1211e+02	-1.3378e+02
	1394	0.0000e+00	0.0000e+00	0.0000e+00	4.7527e+01	-8.5967e+01	-8.3767e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	7.9224e+01	-1.4869e+02	-3.5661e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	7.2682e+01	-2.1870e+02	-8.5426e+01
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	-5.4113e+01	5.4396e+02	-1.1879e+02
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.2781e+02	2.4659e+02	-4.0369e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-4.2216e+01	1.1807e+02	-1.8791e+02
	1382	0.0000e+00	0.0000e+00	0.0000e+00	3.6540e+01	1.1512e+02	-2.6667e+02
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	5.0311e+01	2.3942e+02	9.5789e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-6.1662e+01	2.2166e+02	2.5001e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-6.7208e+01	2.3036e+02	-3.5209e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-8.9136e+01	3.2839e+02	3.6999e+01
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	4.5767e+01	1.1537e+02	5.9734e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-9.6281e+00	1.2175e+02	4.3784e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-2.7137e+01	1.7976e+02	5.3116e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	4.0105e+01	1.6766e+02	6.8836e+01
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	2.8454e+01	5.3544e+01	3.9763e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.6753e+01	5.6700e+01	4.1754e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.1839e+01	1.0346e+02	5.2243e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	3.9617e+01	8.5846e+01	5.0199e+01
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	1.2723e+01	1.3227e+01	3.2938e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.5558e+01	9.9950e+00	3.9953e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.4935e+01	4.7533e+01	4.3208e+01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	2.3226e+01	3.7394e+01	3.6209e+01
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	-2.1784e+01	-2.5764e+01	3.7852e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-1.2373e+01	-3.8303e+01	4.5735e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-1.3816e+01	5.0045e+00	4.0458e+01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-1.1951e+01	-3.7083e+00	3.2541e+01

1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	-4.2472e+01	-7.7510e+01	5.4007e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-8.6241e+00	-9.8763e+01	5.8640e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-1.2205e+01	-4.7654e+01	4.5371e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-2.7724e+01	-4.2500e+01	4.0668e+01
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	-5.1672e+01	-1.6638e+02	7.6668e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	2.7993e+01	-1.8450e+02	6.4902e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	6.9443e+00	-1.1767e+02	5.1183e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-5.0567e+01	-1.0876e+02	6.2986e+01
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	7.2098e+01	-3.4124e+02	5.1948e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	6.6329e+01	-2.5154e+02	-1.9155e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	6.1740e+01	-2.2795e+02	3.6639e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-6.4580e+01	-2.4380e+02	1.0534e+02
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	-5.7157e+01	-1.5604e+02	-2.6288e+02
	1383	0.0000e+00	0.0000e+00	0.0000e+00	4.5639e+01	-1.5244e+02	-1.8320e+02
	1384	0.0000e+00	0.0000e+00	0.0000e+00	1.3312e+02	-2.7598e+02	-2.6771e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	3.0352e+01	-5.8323e+02	-1.0596e+02
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	4.5802e+02	1.1957e+02	1.8573e+02
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-7.4914e+01	7.5971e+02	-5.5160e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-4.0078e+02	2.6474e+02	-6.2159e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	4.4703e+02	2.0296e+03	-4.0215e+02
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	2.0171e+02	1.7968e+02	3.2880e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	1.2126e+02	1.9117e+02	6.6748e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	1.3814e+02	4.0775e+02	9.1068e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	2.8096e+02	3.7320e+02	5.6542e+01
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	1.0611e+02	8.5702e+01	1.5296e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	7.8710e+01	9.3807e+01	4.5560e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	9.7443e+01	1.8763e+02	6.5868e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	1.6262e+02	1.5687e+02	3.2903e+01
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	4.9866e+01	3.9631e+01	-7.1025e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	4.1423e+01	4.2963e+01	2.9590e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	5.9975e+01	9.2380e+01	4.0010e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	8.5809e+01	7.6031e+01	1.5364e+01
1236	670	0.0000e+00	0.0000e+00	0.0000e+00	1.3695e+01	8.5745e+00	-2.8081e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	1.4073e+01	7.6034e+00	2.2976e+01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	2.7869e+01	4.1396e+01	2.6434e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	3.6702e+01	3.3924e+01	6.0071e+00
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	-3.8734e+01	-2.2544e+01	2.0167e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-2.8097e+01	-2.9783e+01	2.5962e+01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-1.3740e+01	6.2668e+00	2.3316e+01
	670	0.0000e+00	0.0000e+00	0.0000e+00	-1.4208e+01	4.1502e+00	-1.9247e+00
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	-9.2795e+01	-6.8402e+01	1.0128e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-6.5564e+01	-8.4386e+01	3.9876e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-4.2988e+01	-3.1378e+01	3.0146e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	-5.3223e+01	-2.8221e+01	-2.7987e+00
1239	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.8096e+02	-1.5754e+02	2.4776e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.1388e+02	-1.8762e+02	6.6940e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-8.7398e+01	-8.5569e+01	4.7374e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.1622e+02	-7.7551e+01	8.2763e+00
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	-3.1664e+02	-3.9352e+02	4.2339e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.7909e+02	-4.2751e+02	9.5548e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.4432e+02	-1.8808e+02	7.3012e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-2.2647e+02	-1.7846e+02	2.0974e+01
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	-5.8329e+02	-2.1554e+03	-4.3271e+02
	1372	0.0000e+00	0.0000e+00	0.0000e+00	4.0431e+02	-3.2550e+02	-6.2246e+02
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-5.9300e+01	-7.9689e+02	-5.1907e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-5.1367e+02	-9.9473e+01	1.5087e+02
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	-4.4109e+01	2.1652e+02	4.3845e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	1.1044e+02	2.7972e+01	3.0613e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	1.4935e+02	4.3896e+02	8.9949e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-7.7542e+01	1.0568e+02	1.1581e+02
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	3.7218e+01	1.5002e+02	9.2986e+00
	1370	0.0000e+00	0.0000e+00	0.0000e+00	6.4947e+01	2.8813e+01	1.8304e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	1.0735e+02	3.1336e+02	2.5206e+01



1361 0.0000e+00 0.0000e+00 0.0000e+00 -3.9458e+01 1.6960e+02 1.7719e+01

1244 1359 0.0000e+00 0.0000e+00 0.0000e+00 2.8052e+01 1.0021e+02 -1.0241e+01  
1369 0.0000e+00 0.0000e+00 0.0000e+00 3.5898e+01 -2.9574e+00 -1.3774e+01  
1370 0.0000e+00 0.0000e+00 0.0000e+00 6.5624e+01 2.3346e+02 -1.5260e+01  
1360 0.0000e+00 0.0000e+00 0.0000e+00 -2.5528e+01 1.2920e+02 -1.1106e+01

1245 1358 0.0000e+00 0.0000e+00 0.0000e+00 2.2500e+01 5.4251e+01 -9.8575e+00  
1368 0.0000e+00 0.0000e+00 0.0000e+00 1.9770e+01 -3.3662e+01 -1.3193e+01  
1369 0.0000e+00 0.0000e+00 0.0000e+00 3.9464e+01 1.7038e+02 -1.4352e+01  
1359 0.0000e+00 0.0000e+00 0.0000e+00 -2.0274e+01 8.2051e+01 -1.1038e+01

1246 1357 0.0000e+00 0.0000e+00 0.0000e+00 2.0684e+01 1.0415e+01 -9.4578e+00  
1367 0.0000e+00 0.0000e+00 0.0000e+00 1.1708e+01 -6.9624e+01 -1.3800e+01  
1368 0.0000e+00 0.0000e+00 0.0000e+00 2.4697e+01 1.1766e+02 -1.4133e+01  
1358 0.0000e+00 0.0000e+00 0.0000e+00 -1.7217e+01 3.6376e+01 -1.0058e+01

1247 1356 0.0000e+00 0.0000e+00 0.0000e+00 2.0586e+01 -3.2346e+01 -1.0646e+01  
1366 0.0000e+00 0.0000e+00 0.0000e+00 -1.0533e+01 -1.0874e+02 -1.4734e+01  
1367 0.0000e+00 0.0000e+00 0.0000e+00 1.5773e+01 7.2511e+01 -1.3898e+01  
1357 0.0000e+00 0.0000e+00 0.0000e+00 -1.4830e+01 -7.2873e+00 -1.0092e+01

1248 1355 0.0000e+00 0.0000e+00 0.0000e+00 2.0105e+01 -7.4260e+01 -1.3276e+01  
1365 0.0000e+00 0.0000e+00 0.0000e+00 -2.0806e+01 -1.5261e+02 -1.4912e+01  
1366 0.0000e+00 0.0000e+00 0.0000e+00 -9.9432e+00 3.3360e+01 -1.3455e+01  
1356 0.0000e+00 0.0000e+00 0.0000e+00 -1.3937e+01 -4.8987e+01 -1.1945e+01

1249 1354 0.0000e+00 0.0000e+00 0.0000e+00 1.9542e+01 -1.1475e+02 -1.3655e+01  
1364 0.0000e+00 0.0000e+00 0.0000e+00 -4.3904e+01 -2.0402e+02 -1.1556e+01  
1365 0.0000e+00 0.0000e+00 0.0000e+00 -1.7917e+01 -3.4822e+00 -1.1766e+01  
1355 0.0000e+00 0.0000e+00 0.0000e+00 -1.5620e+01 -9.0077e+01 -1.3965e+01

1250 1353 0.0000e+00 0.0000e+00 0.0000e+00 2.8791e+01 -1.4512e+02 2.3936e+00  
1363 0.0000e+00 0.0000e+00 0.0000e+00 -8.0089e+01 -2.6924e+02 3.1412e+00  
1364 0.0000e+00 0.0000e+00 0.0000e+00 -4.3487e+01 -2.7752e+01 -6.9937e+00  
1354 0.0000e+00 0.0000e+00 0.0000e+00 -1.8823e+01 -1.3253e+02 -8.4336e+00

1251 1352 0.0000e+00 0.0000e+00 0.0000e+00 7.1495e+01 -6.5495e+01 1.0324e+02  
29 0.0000e+00 0.0000e+00 0.0000e+00 -8.3809e+01 -3.7434e+02 7.2076e+01  
1363 0.0000e+00 0.0000e+00 0.0000e+00 -8.2272e+01 -2.4584e+01 -5.5713e+00  
1353 0.0000e+00 0.0000e+00 0.0000e+00 2.3659e+01 -1.8587e+02 2.8418e+01

1252 1350 0.0000e+00 0.0000e+00 0.0000e+00 -6.2268e+01 1.2543e+02 5.5244e+00  
1361 0.0000e+00 0.0000e+00 0.0000e+00 -3.9890e+01 1.8356e+02 3.1370e+01  
1362 0.0000e+00 0.0000e+00 0.0000e+00 -3.6794e+01 7.8387e+01 6.0399e+01  
1351 0.0000e+00 0.0000e+00 0.0000e+00 -3.7306e+01 7.8923e+01 3.4089e+01

1253 1349 0.0000e+00 0.0000e+00 0.0000e+00 -5.9819e+01 1.3475e+02 -1.1768e+01  
1360 0.0000e+00 0.0000e+00 0.0000e+00 -2.8267e+01 1.5524e+02 -1.8202e+01  
1361 0.0000e+00 0.0000e+00 0.0000e+00 -4.2968e+01 1.4258e+02 -5.8884e+00  
1350 0.0000e+00 0.0000e+00 0.0000e+00 -5.4217e+01 1.3302e+02 4.3905e+00

1254 1348 0.0000e+00 0.0000e+00 0.0000e+00 -4.1361e+01 9.8785e+01 -1.3603e+01  
1359 0.0000e+00 0.0000e+00 0.0000e+00 -2.1529e+01 1.0924e+02 -2.2301e+01  
1360 0.0000e+00 0.0000e+00 0.0000e+00 -2.9896e+01 1.1274e+02 -2.2867e+01  
1349 0.0000e+00 0.0000e+00 0.0000e+00 -4.9114e+01 1.2485e+02 -1.4210e+01

1255 1347 0.0000e+00 0.0000e+00 0.0000e+00 -2.4893e+01 5.2910e+01 -1.1402e+01  
1358 0.0000e+00 0.0000e+00 0.0000e+00 -1.6373e+01 6.2461e+01 -2.0615e+01  
1359 0.0000e+00 0.0000e+00 0.0000e+00 -2.1661e+01 7.0900e+01 -2.3504e+01  
1348 0.0000e+00 0.0000e+00 0.0000e+00 -3.5387e+01 8.6417e+01 -1.4231e+01

1256 1346 0.0000e+00 0.0000e+00 0.0000e+00 -1.3765e+01 6.2055e+00 -1.0923e+01  
1357 0.0000e+00 0.0000e+00 0.0000e+00 -1.3788e+01 1.7616e+01 -2.0285e+01  
1358 0.0000e+00 0.0000e+00 0.0000e+00 -1.5907e+01 2.7287e+01 -2.1132e+01  
1347 0.0000e+00 0.0000e+00 0.0000e+00 -2.1116e+01 4.0135e+01 -1.1790e+01

1257 1345 0.0000e+00 0.0000e+00 0.0000e+00 1.7761e+01 -3.9084e+01 -1.3587e+01  
1356 0.0000e+00 0.0000e+00 0.0000e+00 1.5527e+01 -2.5040e+01 -2.2859e+01  
1357 0.0000e+00 0.0000e+00 0.0000e+00 -1.3326e+01 -1.5910e+01 -2.0755e+01  
1346 0.0000e+00 0.0000e+00 0.0000e+00 -1.2964e+01 -6.4139e+00 -1.1655e+01

1258 1344 0.0000e+00 0.0000e+00 0.0000e+00 3.0612e+01 -8.0892e+01 -1.8723e+01  
1355 0.0000e+00 0.0000e+00 0.0000e+00 1.9855e+01 -6.5178e+01 -2.7437e+01  
1356 0.0000e+00 0.0000e+00 0.0000e+00 1.4991e+01 -5.8257e+01 -2.3271e+01  
1345 0.0000e+00 0.0000e+00 0.0000e+00 2.1012e+01 -5.1056e+01 -1.4686e+01

1259 1343 0.0000e+00 0.0000e+00 0.0000e+00 4.3040e+01 -1.1177e+02 -2.1003e+01  
1354 0.0000e+00 0.0000e+00 0.0000e+00 2.5951e+01 -1.0074e+02 -2.8643e+01

	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.8244e+01	-9.9579e+01	-2.7091e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.6426e+01	-9.1693e+01	-1.9489e+01
1260	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.5955e+01	-1.0974e+02	-5.9037e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	3.7533e+01	-1.2157e+02	-9.9000e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	2.1589e+01	-1.3702e+02	-2.4478e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	5.3689e+01	-1.1940e+02	-1.9790e+01
1261	1341	0.0000e+00	0.0000e+00	0.0000e+00	2.5257e+01	-4.5953e+01	2.0606e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-1.5592e+01	-4.3454e+01	4.7881e+01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	3.1129e+01	-1.5213e+02	2.2320e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	5.3250e+01	-9.8755e+01	-6.0305e+00
1262	1339	0.0000e+00	0.0000e+00	0.0000e+00	-6.2677e+01	1.0862e+02	-1.3452e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-5.5727e+01	1.1250e+02	1.4703e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-3.3958e+01	7.3204e+01	2.0650e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-3.6453e+01	6.5464e+01	-7.7158e+00
1263	1338	0.0000e+00	0.0000e+00	0.0000e+00	-7.0429e+01	1.3091e+02	-5.5882e+00
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-5.8619e+01	1.2722e+02	-3.8976e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-5.9533e+01	1.2930e+02	-2.0773e+00
	1339	0.0000e+00	0.0000e+00	0.0000e+00	-6.5867e+01	1.2239e+02	-3.9535e+00
1264	1337	0.0000e+00	0.0000e+00	0.0000e+00	-5.3964e+01	1.0356e+02	5.7552e+00
	1348	0.0000e+00	0.0000e+00	0.0000e+00	-4.5455e+01	9.8993e+01	-8.6240e+00
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-5.8228e+01	1.2235e+02	-1.1144e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-6.7811e+01	1.2400e+02	2.3679e+00
1265	1336	0.0000e+00	0.0000e+00	0.0000e+00	-3.1008e+01	5.6576e+01	1.1453e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	-2.7696e+01	5.4643e+01	-7.6864e+00
	1348	0.0000e+00	0.0000e+00	0.0000e+00	-4.1913e+01	8.4505e+01	-9.6742e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-5.0160e+01	8.8051e+01	8.5534e+00
1266	1335	0.0000e+00	0.0000e+00	0.0000e+00	-1.2184e+01	6.7509e+00	1.1907e+01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	-1.3481e+01	7.3836e+00	-7.4729e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	-2.3758e+01	3.8196e+01	-7.4384e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	-2.7554e+01	3.9351e+01	1.1550e+01
1267	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.0378e+01	-4.1506e+01	9.1530e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	1.9312e+01	-3.8412e+01	-9.6817e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	-1.2552e+01	-8.8010e+00	-7.6521e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-1.0765e+01	-1.0242e+01	1.1237e+01
1268	1333	0.0000e+00	0.0000e+00	0.0000e+00	4.1405e+01	-8.5264e+01	4.5159e+00
	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.6066e+01	-8.0197e+01	-1.4696e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	2.2862e+01	-5.3869e+01	-1.0452e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.3527e+01	-5.7662e+01	7.8672e+00
1269	1332	0.0000e+00	0.0000e+00	0.0000e+00	5.7540e+01	-1.1319e+02	-7.0631e+00
	1343	0.0000e+00	0.0000e+00	0.0000e+00	5.1008e+01	-1.1041e+02	-1.8500e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.9419e+01	-9.2769e+01	-1.4221e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	4.5263e+01	-9.8689e+01	-4.0472e+00
1270	1331	0.0000e+00	0.0000e+00	0.0000e+00	5.3889e+01	-1.0187e+02	-1.4691e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	5.0066e+01	-1.0714e+02	-1.1217e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	5.1164e+01	-1.1269e+02	-1.1708e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	6.0247e+01	-1.1715e+02	-1.5161e+01
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	2.1651e+01	-3.5633e+01	-2.0447e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	1.8970e+01	-4.1991e+01	8.5845e+00
	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.5723e+01	-8.7447e+01	4.9522e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	5.0736e+01	-8.5248e+01	-2.4829e+01
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	-6.8215e+01	1.3216e+02	-4.5507e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	-6.3594e+01	1.0874e+02	-1.0545e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-3.7523e+01	6.7168e+01	-2.2942e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-2.7130e+01	6.8214e+01	-5.7859e+01
1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	-7.0446e+01	1.5203e+02	1.4033e+00
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-7.4821e+01	1.3456e+02	3.2574e+00
	1339	0.0000e+00	0.0000e+00	0.0000e+00	-7.0131e+01	1.2531e+02	-1.7005e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-7.0715e+01	1.4779e+02	-1.9492e+01
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	-4.9113e+01	1.1240e+02	2.8891e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-5.7545e+01	1.0683e+02	1.1954e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-6.9884e+01	1.2573e+02	8.8731e-01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-7.1046e+01	1.4191e+02	1.7889e+01
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	-2.6411e+01	5.7930e+01	3.4807e+01

	1336	0.0000e+00	0.0000e+00	0.0000e+00	-3.2276e+01	5.7784e+01	1.5385e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-5.0286e+01	8.8549e+01	1.2940e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-4.7074e+01	9.2974e+01	3.2457e+01
1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	-9.2436e+00	5.9126e+00	3.2885e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-1.1543e+01	6.4736e+00	1.5601e+01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	-2.6878e+01	3.9168e+01	1.6369e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-2.3416e+01	3.8019e+01	3.3743e+01
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.5884e+01	-4.3851e+01	3.0451e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	1.9564e+01	-4.2487e+01	1.3584e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-9.8009e+00	-1.1077e+01	1.5169e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-7.5602e+00	-1.3150e+01	3.2134e+01
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	3.8037e+01	-9.3268e+01	2.5540e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	4.1479e+01	-8.6835e+01	7.6904e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.4615e+01	-5.9846e+01	1.1836e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.8696e+01	-6.2474e+01	3.0071e+01
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	6.0329e+01	-1.3320e+02	8.6339e+00
	1332	0.0000e+00	0.0000e+00	0.0000e+00	5.9537e+01	-1.1580e+02	-8.3209e+00
	1333	0.0000e+00	0.0000e+00	0.0000e+00	4.8512e+01	-1.0270e+02	6.1759e+00
	1322	0.0000e+00	0.0000e+00	0.0000e+00	4.0212e+01	-1.1020e+02	2.0870e+01
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	5.9290e+01	-1.2883e+02	-3.0613e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	5.8046e+01	-1.0544e+02	-2.7193e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	6.4301e+01	-1.2152e+02	-6.6501e+00
	1321	0.0000e+00	0.0000e+00	0.0000e+00	6.0066e+01	-1.4006e+02	-9.7308e+00
1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.2912e+01	-4.0109e+01	-7.0360e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	2.4787e+01	-3.7892e+01	-3.4945e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	5.1595e+01	-8.6464e+01	-2.1675e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	5.7037e+01	-1.1066e+02	-5.7020e+01
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	-7.3732e+01	2.1448e+02	-8.6359e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-7.4120e+01	1.4511e+02	-3.5790e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-4.2053e+01	8.1800e+01	-8.3059e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-4.0298e+00	1.0594e+02	-1.3361e+02
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	-4.5662e+01	1.9354e+02	2.7478e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-7.9981e+01	1.6989e+02	1.2819e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-7.8623e+01	1.6020e+02	-3.6281e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-7.6767e+01	2.3327e+02	-2.1730e+01
1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	-1.6841e+01	1.1903e+02	5.8058e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-4.9395e+01	1.1837e+02	3.3669e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-6.4645e+01	1.4848e+02	2.0543e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-5.0671e+01	1.7381e+02	4.4886e+01
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	-7.1190e+00	5.3931e+01	5.1236e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-2.2593e+01	5.6487e+01	3.6313e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-3.9615e+01	9.6281e+01	3.9504e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-1.8746e+01	9.2512e+01	5.4426e+01
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	-5.0244e+00	3.5251e+00	4.4072e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-7.4375e+00	2.8612e+00	3.4828e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-1.9770e+01	4.0300e+01	3.8235e+01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-7.4209e+00	3.2875e+01	4.7485e+01
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	4.1550e+00	-4.2989e+01	4.3589e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.3281e+01	-4.7217e+01	3.4605e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-6.8871e+00	-1.1117e+01	3.4390e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-4.9310e+00	-1.4943e+01	4.3377e+01
1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.3492e+01	-9.6617e+01	4.6117e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	3.1806e+01	-9.7460e+01	3.2135e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.5913e+01	-6.2129e+01	3.1919e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	3.8332e+00	-6.2577e+01	4.5907e+01
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	4.3538e+01	-1.6694e+02	3.3248e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	5.5280e+01	-1.4031e+02	1.0973e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	4.1295e+01	-1.1688e+02	2.5831e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.1994e+01	-1.2012e+02	4.8348e+01
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	6.9036e+01	-2.1303e+02	-3.3241e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	6.7090e+01	-1.4132e+02	-4.6428e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	7.0043e+01	-1.5790e+02	3.6423e+00
	1310	0.0000e+00	0.0000e+00	0.0000e+00	3.9357e+01	-1.8282e+02	1.5961e+01

1291 1308 0.0000e+00 0.0000e+00 0.0000e+00 -6.8458e+00 -8.1136e+01 -1.4441e+02  
1319 0.0000e+00 0.0000e+00 0.0000e+00 3.5697e+01 -5.3257e+01 -9.4720e+01  
1320 0.0000e+00 0.0000e+00 0.0000e+00 6.3452e+01 -1.2490e+02 -4.6984e+01  
1309 0.0000e+00 0.0000e+00 0.0000e+00 6.6053e+01 -1.9139e+02 -9.6653e+01

1292 1306 0.0000e+00 0.0000e+00 0.0000e+00 -3.6539e+01 5.7791e+02 -1.0752e+02  
1317 0.0000e+00 0.0000e+00 0.0000e+00 -1.3504e+02 2.7076e+02 -2.7362e+01  
1318 0.0000e+00 0.0000e+00 0.0000e+00 -4.7141e+01 1.4453e+02 -1.8280e+02  
1307 0.0000e+00 0.0000e+00 0.0000e+00 4.5382e+01 1.4486e+02 -2.6301e+02

1293 1305 0.0000e+00 0.0000e+00 0.0000e+00 6.0544e+01 2.4465e+02 1.0825e+02  
1316 0.0000e+00 0.0000e+00 0.0000e+00 -6.4394e+01 2.2878e+02 3.6794e+01  
1317 0.0000e+00 0.0000e+00 0.0000e+00 -7.0043e+01 2.4880e+02 -1.9780e+01  
1306 0.0000e+00 0.0000e+00 0.0000e+00 -7.9667e+01 3.4372e+02 5.2054e+01

1294 1304 0.0000e+00 0.0000e+00 0.0000e+00 4.9625e+01 1.0845e+02 6.6077e+01  
1315 0.0000e+00 0.0000e+00 0.0000e+00 -2.8773e+00 1.1755e+02 5.2145e+01  
1316 0.0000e+00 0.0000e+00 0.0000e+00 -2.8981e+01 1.8411e+02 6.5494e+01  
1305 0.0000e+00 0.0000e+00 0.0000e+00 4.8175e+01 1.6685e+02 7.9373e+01

1295 1303 0.0000e+00 0.0000e+00 0.0000e+00 2.6860e+01 4.1015e+01 4.2591e+01  
1314 0.0000e+00 0.0000e+00 0.0000e+00 6.9553e+00 4.6554e+01 4.6205e+01  
1315 0.0000e+00 0.0000e+00 0.0000e+00 -2.4590e+00 9.8047e+01 5.9895e+01  
1304 0.0000e+00 0.0000e+00 0.0000e+00 4.1725e+01 7.6551e+01 5.6265e+01

1296 1302 0.0000e+00 0.0000e+00 0.0000e+00 4.3188e+00 -1.6248e+00 3.3096e+01  
1313 0.0000e+00 0.0000e+00 0.0000e+00 4.3527e+00 -3.0923e+00 4.0708e+01  
1314 0.0000e+00 0.0000e+00 0.0000e+00 -3.6845e+00 3.6967e+01 4.6633e+01  
1303 0.0000e+00 0.0000e+00 0.0000e+00 2.0182e+01 2.3918e+01 3.9024e+01

1297 1301 0.0000e+00 0.0000e+00 0.0000e+00 -1.9710e+01 -3.8419e+01 3.5279e+01  
1312 0.0000e+00 0.0000e+00 0.0000e+00 -4.7245e+00 -4.8045e+01 4.2763e+01  
1313 0.0000e+00 0.0000e+00 0.0000e+00 -6.0356e+00 -9.9817e+00 4.0156e+01  
1302 0.0000e+00 0.0000e+00 0.0000e+00 -4.2576e+00 -1.4363e+01 3.2670e+01

1298 1300 0.0000e+00 0.0000e+00 0.0000e+00 -3.9829e+01 -8.5354e+01 4.7966e+01  
1311 0.0000e+00 0.0000e+00 0.0000e+00 -2.5754e+00 -1.0280e+02 5.1434e+01  
1312 0.0000e+00 0.0000e+00 0.0000e+00 -9.0974e+00 -5.6608e+01 4.1347e+01  
1301 0.0000e+00 0.0000e+00 0.0000e+00 -2.5934e+01 -5.4102e+01 3.7866e+01

1299 1299 0.0000e+00 0.0000e+00 0.0000e+00 -4.5161e+01 -1.6413e+02 6.6065e+01  
1310 0.0000e+00 0.0000e+00 0.0000e+00 2.4865e+01 -1.7743e+02 5.2993e+01  
1311 0.0000e+00 0.0000e+00 0.0000e+00 -1.3088e+00 -1.1985e+02 4.3210e+01  
1300 0.0000e+00 0.0000e+00 0.0000e+00 -4.6836e+01 -1.1384e+02 5.6283e+01

1300 1298 0.0000e+00 0.0000e+00 0.0000e+00 7.7401e+01 -3.2001e+02 3.7047e+01  
1309 0.0000e+00 0.0000e+00 0.0000e+00 6.2298e+01 -2.2833e+02 -3.0541e+01  
1310 0.0000e+00 0.0000e+00 0.0000e+00 5.8668e+01 -2.1688e+02 2.5278e+01  
1299 0.0000e+00 0.0000e+00 0.0000e+00 -5.5877e+01 -2.3504e+02 9.2674e+01

1301 1297 0.0000e+00 0.0000e+00 0.0000e+00 -5.6577e+01 -1.1582e+02 -2.6441e+02  
1308 0.0000e+00 0.0000e+00 0.0000e+00 5.7737e+01 -1.1624e+02 -1.8702e+02  
1309 0.0000e+00 0.0000e+00 0.0000e+00 1.2516e+02 -2.4848e+02 -4.0300e+01  
1298 0.0000e+00 0.0000e+00 0.0000e+00 3.4266e+01 -5.3873e+02 -1.1766e+02

1302 557 0.0000e+00 0.0000e+00 0.0000e+00 5.0799e+02 1.1039e+02 1.7141e+02  
1306 0.0000e+00 0.0000e+00 0.0000e+00 3.9685e+01 7.9739e+02 -4.8081e+01  
1307 0.0000e+00 0.0000e+00 0.0000e+00 -4.0314e+02 3.0707e+02 -6.2711e+02  
19 0.0000e+00 0.0000e+00 0.0000e+00 4.9681e+02 2.1398e+03 -4.1425e+02

1303 556 0.0000e+00 0.0000e+00 0.0000e+00 2.2581e+02 1.7868e+02 2.4798e+01  
1305 0.0000e+00 0.0000e+00 0.0000e+00 1.3939e+02 1.9070e+02 7.6005e+01  
1306 0.0000e+00 0.0000e+00 0.0000e+00 1.6180e+02 4.2860e+02 1.0168e+02  
557 0.0000e+00 0.0000e+00 0.0000e+00 3.1654e+02 3.9053e+02 4.9895e+01

1304 555 0.0000e+00 0.0000e+00 0.0000e+00 1.1707e+02 7.5784e+01 9.7925e+00  
1304 0.0000e+00 0.0000e+00 0.0000e+00 8.6767e+01 8.4802e+01 5.0377e+01  
1305 0.0000e+00 0.0000e+00 0.0000e+00 1.1095e+02 1.8799e+02 7.1845e+01  
556 0.0000e+00 0.0000e+00 0.0000e+00 1.8137e+02 1.5500e+02 2.9662e+01

1305 554 0.0000e+00 0.0000e+00 0.0000e+00 5.3520e+01 2.5393e+01 -3.9466e+00  
1303 0.0000e+00 0.0000e+00 0.0000e+00 4.2788e+01 2.9404e+01 3.1930e+01  
1304 0.0000e+00 0.0000e+00 0.0000e+00 6.5168e+01 8.3263e+01 4.3069e+01  
555 0.0000e+00 0.0000e+00 0.0000e+00 9.3807e+01 6.5576e+01 1.3131e+01

1306 553 0.0000e+00 0.0000e+00 0.0000e+00 8.8189e+00 -7.2054e+00 -2.0012e+00  
1302 0.0000e+00 0.0000e+00 0.0000e+00 8.3047e+00 -7.7286e+00 2.3544e+01  
1303 0.0000e+00 0.0000e+00 0.0000e+00 2.7106e+01 2.7750e+01 2.7599e+01

	554	0.0000e+00	0.0000e+00	0.0000e+00	3.8479e+01	1.9408e+01	4.3233e+00
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	-3.3712e+01	-3.6844e+01	1.0093e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-2.4778e+01	-4.2922e+01	2.4674e+01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-6.6174e+00	-9.1446e+00	2.2887e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	-5.5389e+00	-1.1639e+01	-1.4702e+00
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	-8.4894e+01	-7.7958e+01	7.4889e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-6.0466e+01	-9.2320e+01	3.6013e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-3.9478e+01	-4.4063e+01	2.7674e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-4.7836e+01	-4.1989e+01	-1.1180e+00
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.6452e+02	-1.5698e+02	1.9947e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.0227e+02	-1.8451e+02	5.9358e+01
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-8.0058e+01	-9.2772e+01	4.1977e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-1.0613e+02	-8.6069e+01	3.2886e+00
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	-2.8461e+02	-3.7082e+02	3.3134e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-1.5187e+02	-4.0124e+02	8.2964e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.2809e+02	-1.8437e+02	6.3412e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-2.0522e+02	-1.7631e+02	1.3798e+01
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	-4.7088e+02	-2.0276e+03	-4.1520e+02
	1297	0.0000e+00	0.0000e+00	0.0000e+00	4.0200e+02	-2.6945e+02	-6.1403e+02
	1298	0.0000e+00	0.0000e+00	0.0000e+00	1.8037e+01	-7.5070e+02	-5.9550e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-4.6669e+02	-8.7729e+01	1.4067e+02
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	-2.3806e+01	1.8589e+02	2.8428e+01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	8.2264e+01	2.4550e+01	-5.6310e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	8.3871e+01	3.7443e+02	7.2070e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	-7.1588e+01	6.5520e+01	1.0326e+02
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.8862e+01	1.3253e+02	-8.4198e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	4.3483e+01	2.7695e+01	-6.9946e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	8.0084e+01	2.6929e+02	3.1539e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	-2.8913e+01	1.4512e+02	2.3837e+00
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.5647e+01	9.0053e+01	-1.3948e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	1.7928e+01	3.4706e+00	-1.1752e+01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	4.3901e+01	2.0404e+02	-1.1550e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	-1.9635e+01	1.1473e+02	-1.3643e+01
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.3962e+01	4.8949e+01	-1.1922e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	9.9852e+00	-3.3426e+01	-1.3433e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	2.0811e+01	1.5259e+02	-1.4897e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	-2.0179e+01	7.4229e+01	-1.3258e+01
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.4850e+01	7.2440e+00	-1.0068e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-1.5806e+01	-7.2569e+01	-1.3872e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	1.0560e+01	1.0870e+02	-1.4711e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-2.0650e+01	3.2304e+01	-1.0623e+01
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.7235e+01	-3.6420e+01	-1.0035e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-2.4720e+01	-1.1771e+02	-1.4106e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-1.1743e+01	6.9567e+01	-1.3774e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	-2.0743e+01	-1.0460e+01	-9.4329e+00
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	2.0302e+01	-8.2086e+01	-1.1016e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-3.9478e+01	-1.7040e+02	-1.4331e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-1.9797e+01	3.3595e+01	-1.3171e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	-2.2556e+01	-5.4292e+01	-9.8326e+00
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	2.5576e+01	-1.2922e+02	-1.1091e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-6.5630e+01	-2.3344e+02	-1.5262e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-3.5917e+01	2.9663e+00	-1.3768e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	-2.8108e+01	-1.0024e+02	-1.0217e+01
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	3.9526e+01	-1.6959e+02	1.7747e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-1.0735e+02	-3.1329e+02	2.5245e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-6.4960e+01	-2.8887e+01	1.8328e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	-3.7284e+01	-1.5003e+02	9.3012e+00
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	7.7497e+01	-1.0564e+02	1.1584e+02
	26	0.0000e+00	0.0000e+00	0.0000e+00	-1.4945e+02	-4.3882e+02	8.9993e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-1.1045e+02	-2.8043e+01	3.0664e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	4.4213e+01	-2.1649e+02	4.3874e+01
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	-5.3337e+01	9.8766e+01	-6.0248e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	-3.1240e+01	1.5215e+02	2.2325e+01

	1287	0.0000e+00	0.0000e+00	0.0000e+00	1.5702e+01	4.3476e+01	4.7890e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	-2.5357e+01	4.5970e+01	2.0617e+01
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	-5.3772e+01	1.1940e+02	-1.9782e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	-2.1687e+01	1.3701e+02	-2.4474e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	-3.7633e+01	1.2157e+02	-9.8967e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	-4.6043e+01	1.0975e+02	-5.9013e+00
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	-3.6507e+01	9.1673e+01	-1.9476e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	-1.8329e+01	9.9557e+01	-2.7081e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	-2.6043e+01	1.0072e+02	-2.8637e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	-4.3122e+01	1.1176e+02	-2.0994e+01
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	-2.1096e+01	5.1024e+01	-1.4668e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-1.5068e+01	5.8222e+01	-2.3252e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	-1.9938e+01	6.5146e+01	-2.7424e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	-3.0692e+01	8.0867e+01	-1.8709e+01
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.3029e+01	6.3764e+00	-1.1631e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.3387e+01	1.5867e+01	-2.0728e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-1.5603e+01	2.4999e+01	-2.2838e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	-1.7846e+01	3.9049e+01	-1.3568e+01
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.1115e+01	-4.0172e+01	-1.1760e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.5942e+01	-2.7331e+01	-2.1098e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.3849e+01	-1.7659e+01	-2.0257e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.3812e+01	-6.2432e+00	-1.0898e+01
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.5360e+01	-8.6445e+01	-1.4192e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	2.1682e+01	-7.0938e+01	-2.3462e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.6411e+01	-6.2499e+01	-2.0580e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.4882e+01	-5.2946e+01	-1.1370e+01
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	4.9075e+01	-1.2487e+02	-1.4164e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	2.9915e+01	-1.1277e+02	-2.2819e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	2.1559e+01	-1.0927e+02	-2.2259e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	4.1329e+01	-9.8810e+01	-1.3564e+01
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	5.4175e+01	-1.3301e+02	4.4192e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	4.2978e+01	-1.4258e+02	-5.8582e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	2.8304e+01	-1.5524e+02	-1.8153e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	5.9772e+01	-1.3476e+02	-1.1722e+01
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	3.7283e+01	-7.8898e+01	3.4119e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	3.6873e+01	-7.8357e+01	6.0433e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	3.9927e+01	-1.8353e+02	3.1411e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	6.2211e+01	-1.2541e+02	5.5469e+00
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	-5.0806e+01	8.5258e+01	-2.4819e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	-4.5809e+01	8.7457e+01	4.9613e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	-1.9072e+01	4.2007e+01	8.5932e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	-2.1732e+01	3.5648e+01	-2.0435e+01
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	-6.0314e+01	1.1715e+02	-1.5149e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	-5.1244e+01	1.1269e+02	-1.1701e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	-5.0150e+01	1.0714e+02	-1.1210e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	-5.3960e+01	1.0188e+02	-1.4680e+01
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	-4.5330e+01	9.8673e+01	-4.0436e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	-3.9497e+01	9.2750e+01	-1.4209e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	-5.1087e+01	1.1040e+02	-1.8490e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	-5.7607e+01	1.1318e+02	-7.0536e+00
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	-2.3602e+01	5.7636e+01	7.8850e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	-2.2946e+01	5.3839e+01	-1.0436e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	-3.6145e+01	8.0175e+01	-1.4681e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	-4.1473e+01	8.5244e+01	4.5271e+00
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	1.0817e+01	1.0210e+01	1.1259e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.2616e+01	8.7650e+00	-7.6318e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	-1.9398e+01	3.8381e+01	-9.6631e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	-2.0456e+01	4.1477e+01	9.1719e+00
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.7525e+01	-3.9383e+01	1.1577e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.3744e+01	-3.8232e+01	-7.4127e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.3522e+01	-7.4191e+00	-7.4516e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	1.2215e+01	-6.7830e+00	1.1930e+01
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.0109e+01	-8.8077e+01	8.5824e+00

	1269	0.0000e+00	0.0000e+00	0.0000e+00	4.1873e+01	-8.4533e+01	-9.6388e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.7673e+01	-5.4676e+01	-7.6587e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	3.0974e+01	-5.6606e+01	1.1481e+01
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	6.7745e+01	-1.2402e+02	2.3945e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	5.8174e+01	-1.2236e+02	-1.1102e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	4.5412e+01	-9.9017e+01	-8.5868e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.3910e+01	-1.0358e+02	5.7825e+00
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	6.5789e+01	-1.2239e+02	-3.9225e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	5.9470e+01	-1.2929e+02	-2.0292e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	5.8564e+01	-1.2722e+02	-3.8547e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	7.0359e+01	-1.3092e+02	-5.5552e+00
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	3.6384e+01	-6.5451e+01	-7.6857e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	3.3931e+01	-7.3185e+01	2.0680e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	5.5668e+01	-1.1249e+02	1.4737e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	6.2595e+01	-1.0861e+02	-1.3421e+01
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	-5.7083e+01	1.1068e+02	-5.7006e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	-5.1661e+01	8.6476e+01	-2.1663e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	-2.4860e+01	3.7908e+01	-3.4936e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	-1.2969e+01	4.0128e+01	-7.0350e+01
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	-6.0110e+01	1.4006e+02	-9.7160e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	-6.4363e+01	1.2152e+02	-6.6405e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	-5.8110e+01	1.0545e+02	-2.7181e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-5.9338e+01	1.2883e+02	-3.0597e+01
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	-4.0259e+01	1.1019e+02	2.0886e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	-4.8572e+01	1.0269e+02	6.1901e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	-5.9599e+01	1.1580e+02	-8.3094e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-6.0374e+01	1.3319e+02	8.6508e+00
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.8754e+01	6.2450e+01	3.0088e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	-2.4685e+01	5.9820e+01	1.1854e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	-4.1542e+01	8.6817e+01	7.7070e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-3.8085e+01	9.3249e+01	2.5557e+01
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	7.5988e+00	1.3121e+01	3.2153e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	9.8541e+00	1.1047e+01	1.5191e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	-1.9639e+01	4.2460e+01	1.3604e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.5946e+01	4.3825e+01	3.0469e+01
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.3384e+01	-3.8049e+01	3.3764e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.6847e+01	-3.9199e+01	1.6394e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	1.1566e+01	-6.5037e+00	1.5625e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	9.2592e+00	-5.9410e+00	3.2905e+01
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	4.7022e+01	-9.2999e+01	3.2478e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.0233e+01	-8.8574e+01	1.2967e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	3.2238e+01	-5.7813e+01	1.5412e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.6375e+01	-5.7958e+01	3.4829e+01
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	7.0979e+01	-1.4192e+02	1.7908e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	6.9815e+01	-1.2574e+02	9.1029e-01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.7488e+01	-1.0685e+02	1.1983e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	4.9058e+01	-1.1242e+02	2.8911e+01
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	7.0633e+01	-1.4779e+02	-1.9476e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	7.0049e+01	-1.2531e+02	-1.6979e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	7.4749e+01	-1.3457e+02	3.2843e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	7.0376e+01	-1.5203e+02	1.4138e+00
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	2.7047e+01	-6.8202e+01	-5.7841e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	3.7444e+01	-6.7156e+01	-2.2915e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	6.3510e+01	-1.0873e+02	-1.0518e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	6.8130e+01	-1.3216e+02	-4.5489e+01
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	-6.6073e+01	1.9141e+02	-9.6637e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-6.3495e+01	1.2492e+02	-4.6970e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	-3.5742e+01	5.3280e+01	-9.4711e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	6.8209e+00	8.1167e+01	-1.4440e+02
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	-3.9378e+01	1.8281e+02	1.5978e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-7.0081e+01	1.5790e+02	3.6541e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-6.7129e+01	1.4133e+02	-4.6411e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-6.9060e+01	2.1304e+02	-3.3222e+01

1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	-1.2027e+01	1.2011e+02	4.8360e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-4.1335e+01	1.1687e+02	2.5846e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-5.5319e+01	1.4030e+02	1.0991e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-4.3562e+01	1.6693e+02	3.3263e+01
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	-3.8777e+00	6.2554e+01	4.5920e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.5967e+01	6.2105e+01	3.1935e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-3.1850e+01	9.7443e+01	3.2151e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	-1.3527e+01	9.6598e+01	4.6130e+01
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	4.9449e+00	1.4915e+01	4.3391e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	6.9155e+00	1.1088e+01	3.4408e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.3339e+01	4.7192e+01	3.4622e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	-4.2004e+00	4.2964e+01	4.3602e+01
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	7.4028e+00	-3.2904e+01	4.7500e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.9739e+01	-4.0329e+01	3.8254e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	7.4570e+00	-2.8857e+00	3.4847e+01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	5.0382e+00	-3.5491e+00	4.4086e+01
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.8700e+01	-9.2539e+01	5.4440e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	3.9565e+01	-9.6306e+01	3.9522e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.2557e+01	-5.6515e+01	3.6333e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	7.0994e+00	-5.3958e+01	5.1251e+01
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	5.0615e+01	-1.7383e+02	4.4895e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	6.4580e+01	-1.4849e+02	2.0557e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	4.9341e+01	-1.1839e+02	3.3688e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.6792e+01	-1.1905e+02	5.8071e+01
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	7.6697e+01	-2.3327e+02	-2.1728e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	7.8544e+01	-1.6019e+02	-3.6269e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	7.9913e+01	-1.6990e+02	1.2834e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	4.5603e+01	-1.9355e+02	2.7483e+01
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	3.9410e+00	-1.0592e+02	-1.3361e+02
	1244	0.0000e+00	0.0000e+00	0.0000e+00	4.1961e+01	-8.1787e+01	-8.3042e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	7.4036e+01	-1.4510e+02	-3.5777e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	7.3661e+01	-2.1447e+02	-8.6355e+01
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-3.4262e+01	5.3876e+02	-1.1764e+02
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.2518e+02	2.4850e+02	-4.0283e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-5.7757e+01	1.1627e+02	-1.8701e+02
	1232	0.0000e+00	0.0000e+00	0.0000e+00	5.6589e+01	1.1587e+02	-2.6440e+02
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	5.5864e+01	2.3503e+02	9.2680e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-5.8683e+01	2.1687e+02	2.5291e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-6.2310e+01	2.2835e+02	-3.0519e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-7.7402e+01	3.2000e+02	3.7061e+01
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	4.6808e+01	1.1382e+02	5.6286e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.3328e+00	1.1983e+02	4.3221e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-2.4886e+01	1.7742e+02	5.3005e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	4.5145e+01	1.6412e+02	6.6070e+01
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	2.5898e+01	5.4080e+01	3.7871e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	9.0766e+00	5.6585e+01	4.1358e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	2.5783e+00	1.0278e+02	5.1444e+01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	3.9799e+01	8.5336e+01	4.7971e+01
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	4.2325e+00	1.4338e+01	3.2678e+01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	6.0247e+00	9.9539e+00	4.0169e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	4.7218e+00	4.8021e+01	4.2774e+01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	1.9672e+01	3.8397e+01	3.5286e+01
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	-2.0232e+01	-2.3945e+01	3.9035e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	3.7160e+00	-3.6996e+01	4.6647e+01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	-4.3969e+00	3.0643e+00	4.0720e+01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-4.3571e+00	1.5968e+00	3.3105e+01
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	-4.1779e+01	-7.6579e+01	5.6277e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	2.4456e+00	-9.8074e+01	5.9908e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	-7.0066e+00	-4.6582e+01	4.6218e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-2.6912e+01	-4.1042e+01	4.2603e+01
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	-4.8229e+01	-1.6688e+02	7.9381e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	2.8927e+01	-1.8413e+02	6.5502e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	2.8337e+00	-1.1758e+02	5.2157e+01



	1225	0.0000e+00	0.0000e+00	0.0000e+00	-4.9681e+01	-1.0847e+02	6.6090e+01
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	7.9626e+01	-3.4374e+02	5.2047e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	6.9986e+01	-2.4880e+02	-1.9784e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	6.4342e+01	-2.2880e+02	3.6800e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-6.0600e+01	-2.4468e+02	1.0825e+02
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	-4.5461e+01	-1.4482e+02	-2.6302e+02
	1233	0.0000e+00	0.0000e+00	0.0000e+00	4.7061e+01	-1.4451e+02	-1.8280e+02
	1234	0.0000e+00	0.0000e+00	0.0000e+00	1.3497e+02	-2.7074e+02	-2.7363e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	3.6536e+01	-5.7789e+02	-1.0753e+02
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	4.6668e+02	8.7693e+01	1.4061e+02
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.8135e+01	7.5071e+02	-5.9550e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-4.0203e+02	2.6953e+02	-6.1401e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	4.7113e+02	2.0276e+03	-4.1525e+02
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	2.0518e+02	1.7630e+02	1.3795e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	1.2808e+02	1.8435e+02	6.3415e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	1.5190e+02	4.0124e+02	8.2959e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	2.8458e+02	3.7083e+02	3.3118e+01
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	1.0608e+02	8.6055e+01	3.2962e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	8.0026e+01	9.2755e+01	4.1978e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	1.0225e+02	1.8449e+02	5.9354e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	1.6448e+02	1.5697e+02	1.9939e+01
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	4.7773e+01	4.1971e+01	-1.1203e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	3.9436e+01	4.4042e+01	2.7678e+01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	6.0430e+01	9.2302e+01	3.6013e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	8.4836e+01	7.7946e+01	7.4853e+00
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	5.4623e+00	1.1618e+01	-1.4767e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	6.5734e+00	9.1185e+00	2.2894e+01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	2.4734e+01	4.2900e+01	2.4677e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	3.3645e+01	3.6826e+01	1.0080e+00
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	-3.8553e+01	-1.9434e+01	4.3414e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-2.7161e+01	-2.7778e+01	2.7610e+01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-8.3516e+00	7.7026e+00	2.3550e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	-8.8712e+00	7.1852e+00	-2.0147e+00
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	-9.3891e+01	-6.5602e+01	1.3152e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-6.5228e+01	-8.3293e+01	4.3084e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-4.2845e+01	-2.9432e+01	3.1939e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-5.3597e+01	-2.5419e+01	-3.9750e+00
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.8146e+02	-1.5502e+02	2.9693e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.1100e+02	-1.8801e+02	7.1862e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-8.6827e+01	-8.4831e+01	5.0388e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-1.1715e+02	-7.5811e+01	9.8300e+00
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	-3.1663e+02	-3.9053e+02	4.9947e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-1.6183e+02	-4.2861e+02	1.0169e+02
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.3945e+02	-1.9073e+02	7.6010e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-2.2589e+02	-1.7870e+02	2.4845e+01
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-4.9672e+02	-2.1397e+03	-4.1421e+02
	1222	0.0000e+00	0.0000e+00	0.0000e+00	4.0303e+02	-3.0701e+02	-6.2713e+02
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-3.9807e+01	-7.9739e+02	-4.8083e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-5.0806e+02	-1.1047e+02	1.7151e+02
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	-6.4262e+01	2.1958e+02	3.9814e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	9.7077e+01	3.2496e+01	2.3106e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	1.3708e+02	4.4116e+02	8.0507e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-9.9234e+01	1.0299e+02	1.1696e+02
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	4.1680e+01	1.5354e+02	-2.3407e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	5.6653e+01	2.8822e+01	-1.0113e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	9.4813e+01	3.1786e+02	1.5178e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	-6.4028e+01	1.7186e+02	1.0863e+01
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	3.2575e+01	1.0157e+02	-8.0837e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	3.1735e+01	-1.0083e+01	-8.1663e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	5.7135e+01	2.3664e+02	-9.4992e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	-4.4612e+01	1.3100e+02	-7.1356e+00
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	2.8233e+01	5.4155e+01	-8.8319e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	2.0805e+01	-3.9309e+01	-1.0016e+01

	1219	0.0000e+00	0.0000e+00	0.0000e+00	3.3760e+01	1.7218e+02	-1.0997e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	-3.8565e+01	8.2558e+01	-8.5568e+00
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	2.7187e+01	9.8609e+00	-9.9652e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-1.9795e+01	-7.6313e+01	-1.2309e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	2.1967e+01	1.1846e+02	-1.1832e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	-3.5440e+01	3.5793e+01	-8.5814e+00
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	2.8797e+01	-3.5450e+01	-1.1946e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-2.5870e+01	-1.1727e+02	-1.4701e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	1.8408e+01	7.2783e+01	-1.2986e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	-3.4070e+01	-1.0204e+01	-9.9049e+00
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.3582e+01	-7.8789e+01	-1.3852e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-4.0563e+01	-1.6381e+02	-1.7139e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-2.3247e+01	3.3946e+01	-1.4891e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	-3.5888e+01	-5.2500e+01	-1.1764e+01
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	4.3875e+01	-1.2147e+02	-1.3912e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-6.8118e+01	-2.1890e+02	-2.0673e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-3.9423e+01	-1.1541e+01	-1.8153e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	-4.2947e+01	-9.5219e+01	-1.2511e+01
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	6.4555e+01	-1.5566e+02	1.8049e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-1.1243e+02	-2.8899e+02	3.2267e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-7.0469e+01	-3.1843e+01	2.5311e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	-5.6429e+01	-1.3995e+02	9.6071e+00
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	7.1941e+01	-8.6728e+01	1.1384e+02
	24	0.0000e+00	0.0000e+00	0.0000e+00	-1.8128e+02	-4.0167e+02	9.4152e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-1.2005e+02	-3.1008e+01	4.2481e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	-7.4103e+01	-1.9770e+02	4.1218e+01
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	-8.1373e+01	1.2621e+02	6.9177e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	-6.3565e+01	1.8457e+02	3.0518e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-5.3600e+01	7.7749e+01	5.8996e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	-5.5491e+01	7.8909e+01	3.3137e+01
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	-7.9217e+01	1.3733e+02	-1.3582e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	-4.8678e+01	1.5802e+02	-1.9297e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	-6.6719e+01	1.4562e+02	-4.9335e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	-7.4256e+01	1.3438e+02	8.5769e+00
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	-6.0183e+01	1.0063e+02	-1.5297e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	-4.0637e+01	1.1102e+02	-2.3373e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	-5.1099e+01	1.1472e+02	-2.4145e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	-6.8135e+01	1.2674e+02	-1.5898e+01
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	-4.4470e+01	5.3788e+01	-1.3148e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	-3.4888e+01	6.3036e+01	-2.1185e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	-4.1193e+01	7.1587e+01	-2.4395e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	-5.4158e+01	8.7746e+01	-1.5694e+01
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	-3.4559e+01	6.7823e+00	-1.2620e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	-3.1472e+01	1.7448e+01	-2.0483e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	-3.4932e+01	2.6990e+01	-2.1526e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	-4.1193e+01	4.0747e+01	-1.3128e+01
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.2882e+01	-4.0388e+01	-1.4235e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	3.1579e+01	-2.7236e+01	-2.2250e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	-3.1703e+01	-1.7964e+01	-2.0737e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	-3.3521e+01	-7.3382e+00	-1.2694e+01
1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.9301e+01	-8.3471e+01	-1.7094e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.5771e+01	-6.8578e+01	-2.5061e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	-3.2324e+01	-6.1226e+01	-2.2301e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.4418e+01	-5.2328e+01	-1.4388e+01
1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	4.9145e+01	-1.1658e+02	-1.6663e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	4.4577e+01	-1.0617e+02	-2.3814e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.7130e+01	-1.0415e+02	-2.4217e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	4.3566e+01	-9.4267e+01	-1.6851e+01
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	5.5154e+01	-1.1897e+02	2.4738e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	5.6588e+01	-1.3054e+02	-5.5891e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	4.6356e+01	-1.4430e+02	-1.9145e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	5.7152e+01	-1.2447e+02	-1.4499e+01
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	5.1546e+01	-6.2736e+01	3.0113e+01

	1143	0.0000e+00	0.0000e+00	0.0000e+00	-6.6722e+01	-6.1646e+01	5.8337e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	5.9495e+01	-1.6580e+02	3.0531e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	5.8650e+01	-1.0920e+02	2.2548e+00
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	-7.5429e+01	1.1020e+02	-1.4761e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	-7.3892e+01	1.1375e+02	1.5453e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	-5.1106e+01	7.3896e+01	1.9810e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-4.9383e+01	6.6894e+01	-9.0091e+00
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	-8.3234e+01	1.3274e+02	-9.4126e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	-7.6371e+01	1.2946e+02	-8.0849e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	-7.7221e+01	1.3110e+02	-7.1550e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	-7.9032e+01	1.2406e+02	-8.1806e+00
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	-6.7272e+01	1.0516e+02	9.5573e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	-6.2838e+01	1.0078e+02	-1.0975e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	-7.5687e+01	1.2458e+02	-1.3434e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	-8.0756e+01	1.2557e+02	8.8110e+00
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	-4.6263e+01	5.7754e+01	1.3196e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	-4.6371e+01	5.5726e+01	-9.8885e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	-5.9446e+01	8.6152e+01	-1.2066e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	-6.3630e+01	8.9332e+01	1.1407e+01
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	-3.1230e+01	8.0528e+00	1.3339e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	-3.4464e+01	8.2079e+00	-9.5144e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	-4.3102e+01	3.9154e+01	-1.0059e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	-4.3465e+01	4.0353e+01	1.3180e+01
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	3.0400e+01	-4.1863e+01	1.0636e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.2867e+01	-3.9126e+01	-1.0561e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	-3.2979e+01	-9.1729e+00	-9.9494e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	-3.0302e+01	-1.0330e+01	1.2668e+01
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	4.3268e+01	-8.6642e+01	5.1449e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	4.1638e+01	-8.2042e+01	-1.3278e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	3.3903e+01	-5.4673e+01	-1.1042e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	3.2228e+01	-5.7961e+01	9.2605e+00
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	5.6160e+01	-1.1638e+02	-4.4114e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	5.3166e+01	-1.1435e+02	-1.4755e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	4.3758e+01	-9.4804e+01	-1.2166e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	4.6393e+01	-1.0006e+02	-2.9008e+00
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	5.3875e+01	-1.0852e+02	-1.1463e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	5.4512e+01	-1.1542e+02	-5.4966e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	5.3640e+01	-1.1713e+02	-7.0888e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	5.8203e+01	-1.2073e+02	-1.2307e+01
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	4.0218e+01	-4.9367e+01	-1.4035e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.9087e+01	-5.7569e+01	1.6705e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	5.3249e+01	-9.6918e+01	1.0576e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	5.0955e+01	-9.2897e+01	-1.9927e+01
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	-7.4449e+01	1.3494e+02	-4.5548e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	-7.5194e+01	1.1097e+02	-1.1976e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-4.9347e+01	6.9299e+01	-2.3938e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	-3.4188e+01	7.1451e+01	-5.8492e+01
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	-7.6619e+01	1.5350e+02	-7.9020e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	-8.5909e+01	1.3651e+02	8.5426e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	-8.1173e+01	1.2737e+02	-1.7989e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-7.7371e+01	1.5000e+02	-1.9879e+01
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	-5.6432e+01	1.1344e+02	2.9806e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	-6.8921e+01	1.0835e+02	1.4079e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	-8.0856e+01	1.2756e+02	-8.6351e+00
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-7.7516e+01	1.4302e+02	2.0195e+01
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	-3.6312e+01	5.8970e+01	3.4896e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	-4.5742e+01	5.9024e+01	1.6414e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	-6.2101e+01	9.0056e+01	1.5263e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-5.4703e+01	9.3861e+01	3.3277e+01
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	-2.3714e+01	7.9518e+00	3.2783e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	-2.9545e+01	8.0583e+00	1.6281e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	-4.1303e+01	4.0388e+01	1.7654e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-3.4048e+01	3.9067e+01	3.4015e+01

1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.3530e+01	-4.3990e+01	3.0321e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.8809e+01	-4.2377e+01	1.4103e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	-2.7855e+01	-1.0973e+01	1.6273e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-2.2878e+01	-1.3200e+01	3.2286e+01
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	3.8473e+01	-9.4351e+01	2.5264e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	4.2570e+01	-8.7585e+01	7.6882e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	3.0896e+01	-5.9982e+01	1.2849e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.5204e+01	-6.2555e+01	3.0136e+01
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	5.7628e+01	-1.3564e+02	8.5735e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	5.6996e+01	-1.1820e+02	-6.9256e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	4.7707e+01	-1.0382e+02	6.6033e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	4.0269e+01	-1.1126e+02	2.0662e+01
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	5.5296e+01	-1.3312e+02	-3.0350e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	5.5437e+01	-1.1106e+02	-2.4864e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	6.0611e+01	-1.2443e+02	-4.6456e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	5.6985e+01	-1.4252e+02	-1.0061e+01
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.6905e+01	-5.0630e+01	-6.5768e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.7261e+01	-5.0426e+01	-2.9287e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	5.0469e+01	-9.2742e+01	-1.8289e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	5.2724e+01	-1.1499e+02	-5.4615e+01
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	-7.2771e+01	2.1875e+02	-8.5456e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-7.9299e+01	1.4875e+02	-3.5691e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	-4.7598e+01	8.6030e+01	-8.3811e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-4.3758e+00	1.1218e+02	-1.3381e+02
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	-4.5447e+01	1.9391e+02	2.8766e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-8.4242e+01	1.7134e+02	1.4853e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-8.2872e+01	1.6282e+02	-3.5790e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-7.6691e+01	2.3554e+02	-2.1375e+01
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	-1.9860e+01	1.1944e+02	5.7337e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-5.4726e+01	1.1918e+02	3.4135e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-6.9209e+01	1.4985e+02	2.2610e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-5.0884e+01	1.7393e+02	4.5220e+01
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	-1.4850e+01	5.4902e+01	5.0303e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-3.1062e+01	5.7523e+01	3.6253e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-4.5847e+01	9.7362e+01	3.9899e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-2.2207e+01	9.3021e+01	5.3924e+01
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	-1.5419e+01	6.5036e+00	4.3509e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-2.0749e+01	5.7509e+00	3.4669e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-2.9185e+01	4.1497e+01	3.8173e+01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	-1.5705e+01	3.4058e+01	4.7012e+01
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.4937e+01	-4.2956e+01	4.3481e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.1073e+01	-4.6938e+01	3.4430e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-2.0578e+01	-1.1232e+01	3.4325e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-1.5844e+01	-1.4845e+01	4.3349e+01
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	1.7524e+01	-9.7838e+01	4.6120e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	3.2970e+01	-9.7990e+01	3.1697e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.1912e+01	-6.2276e+01	3.1875e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.4998e+01	-6.2660e+01	4.6291e+01
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	4.4322e+01	-1.7002e+02	3.2727e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	5.3176e+01	-1.4202e+02	1.0311e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	4.0681e+01	-1.1812e+02	2.5643e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	1.6334e+01	-1.2157e+02	4.8624e+01
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	6.7723e+01	-2.1644e+02	-3.5710e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	6.3700e+01	-1.4452e+02	-4.7457e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	6.6650e+01	-1.6029e+02	4.0392e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	4.0086e+01	-1.8573e+02	1.5087e+01
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	-1.0985e+01	-8.3810e+01	-1.4136e+02
	1110	0.0000e+00	0.0000e+00	0.0000e+00	3.1229e+01	-6.2164e+01	-9.0298e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	5.8790e+01	-1.2685e+02	-4.6075e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	6.5736e+01	-1.9336e+02	-9.7057e+01
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	-3.0547e+01	5.8328e+02	-1.0597e+02
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.3321e+02	2.7604e+02	-2.6781e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-4.5744e+01	1.5251e+02	-1.8324e+02

	1162	0.0000e+00	0.0000e+00	0.0000e+00	5.7158e+01	1.5612e+02	-2.6290e+02
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	6.4523e+01	2.4380e+02	1.0530e+02
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-6.1808e+01	2.2796e+02	3.6583e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-6.6419e+01	2.5158e+02	-1.9138e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-7.2208e+01	3.4125e+02	5.1921e+01
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	5.0484e+01	1.0876e+02	6.2947e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-6.6983e+00	1.1766e+02	5.1120e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-2.8029e+01	1.8451e+02	6.4846e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	5.1615e+01	1.6638e+02	7.6632e+01
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	2.7595e+01	4.2488e+01	4.0622e+01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	1.1907e+01	4.7643e+01	4.5298e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	8.3543e+00	9.8759e+01	5.8574e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	4.2381e+01	7.7503e+01	5.3966e+01
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	1.1643e+01	3.6119e+00	3.2487e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.3469e+01	-4.9257e+00	4.0378e+01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	1.2062e+01	3.8286e+01	4.5661e+01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	2.1622e+01	2.5746e+01	3.7803e+01
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	-2.3024e+01	-3.7395e+01	3.6153e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-1.4554e+01	-4.7538e+01	4.3129e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-1.5238e+01	-9.9716e+00	3.9872e+01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-1.2412e+01	-1.3213e+01	3.2881e+01
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	-3.9465e+01	-8.5859e+01	5.0152e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	1.1383e+01	-1.0348e+02	5.2172e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-1.6411e+01	-5.6713e+01	4.1676e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-2.8271e+01	-5.3553e+01	3.9706e+01
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	-3.9998e+01	-1.6768e+02	6.8801e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	2.7104e+01	-1.7978e+02	5.3056e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	9.1700e+00	-1.2177e+02	4.3717e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-4.5623e+01	-1.1539e+02	5.9690e+01
1440	1153	0.0000e+00	0.0000e+00	0.0000e+00	8.9339e+01	-3.2843e+02	3.6961e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	6.7337e+01	-2.3038e+02	-3.5258e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	6.1748e+01	-2.2169e+02	2.4945e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-5.0208e+01	-2.3946e+02	9.5757e+01
1441	1088	0.0000e+00	0.0000e+00	0.0000e+00	-3.6643e+01	-1.1508e+02	-2.6671e+02
	1099	0.0000e+00	0.0000e+00	0.0000e+00	4.2307e+01	-1.1802e+02	-1.8796e+02
	1163	0.0000e+00	0.0000e+00	0.0000e+00	1.2793e+02	-2.4660e+02	-4.0408e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	5.4429e+01	-5.4398e+02	-1.1883e+02
1442	323	0.0000e+00	0.0000e+00	0.0000e+00	5.1358e+02	9.9439e+01	1.5083e+02
	1161	0.0000e+00	0.0000e+00	0.0000e+00	5.9524e+01	7.9692e+02	-5.1948e+01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-4.0444e+02	3.2562e+02	-6.2247e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	5.8357e+02	2.1555e+03	-4.3280e+02
1443	322	0.0000e+00	0.0000e+00	0.0000e+00	2.2636e+02	1.7846e+02	2.1033e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	1.4426e+02	1.8807e+02	7.2986e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	1.7909e+02	4.2752e+02	9.5517e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	3.1653e+02	3.9355e+02	4.2357e+01
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	1.1612e+02	7.7553e+01	8.3750e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	8.7322e+01	8.5566e+01	4.7346e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	1.1382e+02	1.8762e+02	6.6910e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	1.8086e+02	1.5755e+02	2.4804e+01
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	5.3131e+01	2.8218e+01	-2.8991e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	4.2889e+01	3.1368e+01	3.0112e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	6.5482e+01	8.4379e+01	3.9846e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	9.2699e+01	6.8407e+01	1.0177e+01
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	1.3996e+01	-4.1278e+00	-1.8298e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	1.3478e+01	-6.2262e+00	2.3268e+01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	2.7967e+01	2.9768e+01	2.5925e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	3.8630e+01	2.2542e+01	2.0647e+00
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	-3.6581e+01	-3.3927e+01	5.9142e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-2.7700e+01	-4.1397e+01	2.6380e+01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-1.3809e+01	-7.5806e+00	2.2925e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	-1.3467e+01	-8.5697e+00	-2.6887e+00
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	-8.5697e+01	-7.6039e+01	1.5321e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-5.9852e+01	-9.2391e+01	3.9966e+01

	1156	0.0000e+00	0.0000e+00	0.0000e+00	-4.1290e+01	-4.2971e+01	2.9540e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-4.9755e+01	-3.9637e+01	-7.0065e+00
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.6249e+02	-1.5688e+02	3.2907e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-9.7333e+01	-1.8765e+02	6.5845e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-7.8596e+01	-9.3825e+01	4.5523e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-1.0599e+02	-8.5717e+01	1.5250e+01
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-2.8082e+02	-3.7322e+02	5.6612e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-1.3811e+02	-4.0778e+02	9.1067e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.2116e+02	-1.9121e+02	6.6725e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-2.0158e+02	-1.7971e+02	3.2899e+01
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-4.4715e+02	-2.0296e+03	-4.0217e+02
	1088	0.0000e+00	0.0000e+00	0.0000e+00	4.0093e+02	-2.6473e+02	-6.2164e+02
	1153	0.0000e+00	0.0000e+00	0.0000e+00	7.5393e+01	-7.5975e+02	-5.5194e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-4.5788e+02	-1.1971e+02	1.8586e+02
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	-8.9671e+01	1.0750e+02	5.0678e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	6.9791e+01	-5.6124e+01	4.2587e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	1.3262e+02	3.0651e+02	8.6763e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	-9.7989e+01	-1.8905e+01	1.2381e+02
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	-4.9668e+01	6.4725e+01	2.6077e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	3.7805e+01	-6.7395e+01	3.1602e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	6.2591e+01	2.1493e+02	3.5582e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	-8.8428e+01	7.2155e+01	3.2001e+01
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	3.6323e+01	1.4598e+01	2.5655e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	2.6568e+01	-1.0821e+02	2.7083e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	3.4473e+01	1.4897e+02	2.7632e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	-5.8649e+01	4.0866e+01	2.4545e+01
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	3.0137e+01	-4.4963e+01	3.1077e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-2.4221e+01	-1.5566e+02	2.5318e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	2.3679e+01	9.0178e+01	2.4285e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	-4.8659e+01	-1.4764e+01	2.8196e+01
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	2.7322e+01	-9.8804e+01	3.5809e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-2.1939e+01	-2.0425e+02	2.4597e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	2.0731e+01	3.3608e+01	2.3521e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	-4.2731e+01	-6.5729e+01	3.3601e+01
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	2.7220e+01	-1.5289e+02	3.6482e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.1174e+01	-2.5110e+02	2.3135e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	2.0279e+01	-2.4511e+01	2.3653e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	-3.7686e+01	-1.2036e+02	3.6505e+01
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.9167e+01	-2.0413e+02	3.2109e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.3699e+01	-2.9354e+02	2.0370e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.3010e+01	-7.9847e+01	2.3039e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	-3.4247e+01	-1.7339e+02	3.4689e+01
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	3.3033e+01	-2.4769e+02	2.4876e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	2.8015e+01	-3.2949e+02	1.8197e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.6613e+01	-1.3323e+02	2.1429e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	-3.3820e+01	-2.2186e+02	2.8505e+01
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	4.5587e+01	-2.6841e+02	2.6875e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-3.9345e+01	-3.6041e+02	2.3653e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	2.9941e+01	-1.7807e+02	2.0256e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	-3.6785e+01	-2.6356e+02	2.4205e+01
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	-2.6408e+01	-2.1241e+02	8.0621e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	9.6066e+01	-4.0334e+02	6.5299e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-4.3584e+01	-2.0021e+02	1.8391e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	4.6063e+01	-2.7794e+02	2.8950e+01
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	-6.9651e+01	3.1048e+01	1.7179e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	-7.5671e+01	7.0912e+01	4.7374e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	-6.3813e+01	-2.9624e+01	6.3230e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	-5.6427e+01	-2.2727e+01	3.2691e+01
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	-7.6239e+01	4.9310e+01	1.1230e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	-5.9334e+01	6.5195e+01	1.4495e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	-7.5413e+01	5.5828e+01	2.1016e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	-6.9419e+01	4.0394e+01	2.1715e+01
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	-6.2833e+01	1.7676e+01	1.6022e+01

	1140	0.0000e+00	0.0000e+00	0.0000e+00	-4.9323e+01	2.1959e+01	1.6567e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	-6.0998e+01	3.0332e+01	1.4526e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	-6.8204e+01	4.0067e+01	1.2812e+01
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	-4.9987e+01	-3.9089e+01	2.4124e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	-4.1626e+01	-3.5805e+01	1.9786e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	-4.9763e+01	-1.9949e+01	1.6266e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	-5.8017e+01	-8.9137e+00	1.8293e+01
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	-4.0155e+01	-9.8109e+01	3.0195e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	-3.5377e+01	-9.1771e+01	2.3376e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	-4.1580e+01	-7.0785e+01	2.0127e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	-4.7533e+01	-5.3991e+01	2.6062e+01
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	-3.3483e+01	-1.5877e+02	3.0854e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	-3.1420e+01	-1.4818e+02	2.3409e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	-3.5300e+01	-1.2596e+02	2.3397e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	-3.8973e+01	-1.1394e+02	3.0612e+01
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	-3.0193e+01	-2.1466e+02	2.5817e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	3.0625e+01	-2.0066e+02	1.8875e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	-3.1673e+01	-1.8069e+02	2.2444e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	-3.2945e+01	-1.7407e+02	2.9416e+01
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.9714e+01	-2.5477e+02	1.8774e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	3.3497e+01	-2.4290e+02	1.3157e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	3.1383e+01	-2.3082e+02	1.7122e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	-3.0043e+01	-2.2771e+02	2.2833e+01
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	3.4552e+01	-2.5567e+02	1.9087e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	3.4396e+01	-2.6015e+02	1.7912e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	3.4466e+01	-2.6752e+02	1.4259e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	3.0515e+01	-2.6286e+02	1.5585e+01
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	-5.7553e+01	-1.8423e+02	2.5852e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	7.1136e+01	-1.9145e+02	4.5643e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	3.8128e+01	-2.7356e+02	2.6983e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	3.2887e+01	-2.3986e+02	7.5872e+00
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	-5.5466e+01	2.7167e+01	-1.1161e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	-6.3970e+01	2.4327e+01	2.1821e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	-5.0350e+01	-2.2097e+01	2.0071e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	4.1075e+01	-2.2102e+01	-1.2461e+01
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	-6.8486e+01	5.0221e+01	6.2536e+00
	1130	0.0000e+00	0.0000e+00	0.0000e+00	-7.0295e+01	4.2440e+01	1.5658e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	-6.6864e+01	4.1283e+01	1.1955e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	-6.0125e+01	3.9420e+01	3.6122e+00
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	-6.3429e+01	2.6150e+01	2.2874e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	-6.3447e+01	1.7581e+01	1.8248e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	-7.1145e+01	4.2088e+01	1.1305e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	-6.8967e+01	4.6812e+01	1.5586e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	-5.0838e+01	-2.9065e+01	3.6273e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	-5.2216e+01	-3.6270e+01	2.5553e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	-6.2200e+01	-9.3045e+00	1.8554e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	-6.2445e+01	1.3107e+01	2.8973e+01
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	-3.8776e+01	-9.3488e+01	4.2819e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	-4.1336e+01	-9.6374e+01	3.0988e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	-5.0370e+01	-5.2780e+01	2.7104e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	-5.0332e+01	-4.6958e+01	3.8831e+01
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	-2.9433e+01	-1.6098e+02	4.2665e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	-3.3081e+01	-1.5894e+02	3.1320e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	-3.9779e+01	-1.1425e+02	3.1714e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	-3.8833e+01	-1.1311e+02	4.3072e+01
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	-2.3767e+01	-2.2314e+02	3.6114e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	-2.8631e+01	-2.1657e+02	2.6076e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	-3.2065e+01	-1.7608e+02	3.0668e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	-2.9559e+01	-1.7991e+02	4.0836e+01
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	2.1312e+01	-2.6584e+02	2.3881e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.8407e+01	-2.5764e+02	1.8008e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.8353e+01	-2.3007e+02	2.5072e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	-2.3540e+01	-2.3832e+02	3.1212e+01

1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	-2.4033e+01	-2.6427e+02	8.6545e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	-2.5996e+01	-2.5898e+02	1.3323e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.8429e+01	-2.6085e+02	2.0422e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	2.1019e+01	-2.7195e+02	1.5154e+01
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	-5.2532e+01	-1.9176e+02	-1.6028e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	5.4659e+01	-1.8035e+02	8.9704e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	-2.8428e+01	-2.4410e+02	1.5445e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	-2.3254e+01	-2.4677e+02	-9.7785e+00
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	-5.0775e+01	5.6897e+01	-5.1137e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	-5.4540e+01	3.0255e+01	-1.2236e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	-3.9113e+01	-1.8599e+01	-2.6982e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.6682e+01	-1.6672e+01	-6.6045e+01
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	-6.1861e+01	7.9554e+01	-4.3348e+00
	1119	0.0000e+00	0.0000e+00	0.0000e+00	-7.0619e+01	5.5921e+01	1.0056e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	-6.0980e+01	4.5471e+01	-1.5170e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	-5.4940e+01	7.2745e+01	-2.6410e+01
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	-5.3295e+01	4.4106e+01	3.4698e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	-6.5578e+01	3.1486e+01	2.6581e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	-7.0035e+01	5.1912e+01	9.6752e+00
	1108	0.0000e+00	0.0000e+00	0.0000e+00	-6.4573e+01	7.6028e+01	1.7456e+01
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	-4.0986e+01	-1.9666e+01	5.1073e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	-5.1589e+01	-2.5443e+01	3.7467e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	-6.2220e+01	1.6295e+01	2.8948e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	-5.4447e+01	2.7692e+01	4.2576e+01
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	-3.1009e+01	-9.0693e+01	5.5499e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	-3.8228e+01	-9.2347e+01	4.2718e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	-4.9008e+01	-4.4992e+01	4.0033e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	-4.1668e+01	-4.0891e+01	5.2848e+01
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	-2.2714e+01	-1.6433e+02	5.4012e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	-2.7873e+01	-1.6193e+02	4.2338e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	-3.6624e+01	-1.1291e+02	4.3664e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	-3.1792e+01	-1.1352e+02	5.5374e+01
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	-1.5538e+01	-2.3523e+02	4.6214e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	-2.1226e+01	-2.2607e+02	3.5194e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	-2.6433e+01	-1.8197e+02	4.1364e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	-2.3462e+01	-1.8649e+02	5.2473e+01
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.1585e+01	-2.9063e+02	2.6866e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.9270e+01	-2.7092e+02	1.9741e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	2.0235e+01	-2.4290e+02	3.3185e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	-1.5721e+01	-2.5354e+02	4.0686e+01
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	-1.2543e+01	-3.0126e+02	-1.1764e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	-1.4963e+01	-2.7183e+02	-7.9943e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.8875e+01	-2.7783e+02	1.8980e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	-1.0638e+01	-2.9822e+02	1.3005e+01
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	-4.0699e+01	-2.2681e+02	-6.0080e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	-5.0868e+01	-1.9913e+02	-3.2605e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	-1.7119e+01	-2.5628e+02	-6.3281e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	-1.2863e+01	-2.8690e+02	-3.3317e+01
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	-5.9412e+01	1.3921e+02	-1.0152e+02
	1109	0.0000e+00	0.0000e+00	0.0000e+00	-5.5925e+01	7.0725e+01	-4.6555e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	-3.3070e+01	-1.6305e+01	-8.9292e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	1.7531e+01	3.4757e+01	-1.4424e+02
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	-4.4534e+01	1.3426e+02	1.1486e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	-7.2712e+01	9.9935e+01	7.2842e+00
	1109	0.0000e+00	0.0000e+00	0.0000e+00	-6.3803e+01	8.6703e+01	-4.6031e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-6.2383e+01	1.6541e+02	-4.1776e+01
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	-2.3881e+01	6.5695e+01	5.6877e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	-5.6210e+01	5.5321e+01	3.7932e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	-6.4398e+01	8.4985e+01	1.4826e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-4.9103e+01	1.2508e+02	3.3467e+01
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	-1.8439e+01	-1.4196e+01	6.3018e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	-3.8242e+01	-1.7076e+01	5.0149e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	-4.9434e+01	3.3225e+01	4.5608e+01



	1096	0.0000e+00	0.0000e+00	0.0000e+00	-2.7913e+01	3.9808e+01	5.8470e+01
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	-1.8281e+01	-9.0294e+01	6.1170e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	-2.8024e+01	-9.1911e+01	5.3624e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	-3.6938e+01	-3.7279e+01	5.4098e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	-2.1452e+01	-3.9903e+01	6.1650e+01
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	-1.8224e+01	-1.6668e+02	5.9156e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	-2.0924e+01	-1.6725e+02	5.2903e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	-2.8560e+01	-1.1151e+02	5.4449e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-2.1386e+01	-1.1542e+02	6.0695e+01
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	-1.4483e+01	-2.4565e+02	5.4706e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	-1.3564e+01	-2.3988e+02	4.6220e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	-2.0566e+01	-1.8730e+02	5.0968e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-2.1743e+01	-1.9183e+02	5.9443e+01
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	-4.2336e+00	-3.2504e+02	3.6339e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	9.9761e+00	-2.9838e+02	2.4564e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	-1.1428e+01	-2.6031e+02	4.1215e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-1.8676e+01	-2.7006e+02	5.3091e+01
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	7.2262e+00	-3.7447e+02	-1.7815e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	7.4228e+00	-3.1399e+02	-2.3031e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.2865e+01	-3.1374e+02	1.7601e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	-8.8209e+00	-3.3988e+02	2.2348e+01
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	-3.5830e+01	-3.0077e+02	-1.1143e+02
	1100	0.0000e+00	0.0000e+00	0.0000e+00	-4.4684e+01	-2.4639e+02	-8.1586e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	8.0139e+00	-3.0245e+02	-2.6555e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	-6.0792e+00	-3.6798e+02	-5.6356e+01
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	-6.7769e+01	4.5620e+02	-1.4417e+02
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.0264e+02	1.9129e+02	-5.4790e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-6.5423e+01	6.6750e+01	-1.8825e+02
	1088	0.0000e+00	0.0000e+00	0.0000e+00	7.0510e+01	9.2114e+01	-2.7776e+02
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	4.6467e+01	2.1799e+02	9.1047e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-7.6312e+01	1.7770e+02	2.4455e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-6.4993e+01	1.8284e+02	-5.1258e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-9.0141e+01	3.0494e+02	1.6149e+01
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	3.9629e+01	7.2146e+01	6.9581e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.5730e+01	7.2471e+01	5.1275e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-4.2102e+01	1.3625e+02	5.2292e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	3.4665e+01	1.3415e+02	7.0429e+01
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	2.2085e+01	-1.8384e+01	5.4998e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	-1.0078e+01	-1.7781e+01	5.5993e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.3623e+01	4.7533e+01	6.3097e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	3.0958e+01	3.2600e+01	6.2104e+01
1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	7.3009e+00	-9.3074e+01	4.8636e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-1.3360e+01	-9.5064e+01	5.4818e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	-1.3642e+01	-3.4620e+01	5.8826e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	1.3898e+01	-4.5291e+01	5.2666e+01
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	-2.0395e+01	-1.6636e+02	4.8733e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-1.8071e+01	-1.7141e+02	5.4649e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-1.8552e+01	-1.1111e+02	5.4853e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-1.1196e+01	-1.1667e+02	4.8893e+01
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	-3.5269e+01	-2.4584e+02	5.2548e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-1.9146e+01	-2.5159e+02	5.4325e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-2.3016e+01	-1.8894e+02	5.2679e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-2.8734e+01	-1.9130e+02	5.0795e+01
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	-3.9652e+01	-3.4023e+02	5.2867e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	-7.5896e+00	-3.3438e+02	4.3344e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-1.9429e+01	-2.7348e+02	4.7361e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-4.3907e+01	-2.7659e+02	5.6752e+01
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	1.4552e+01	-4.6906e+02	1.4971e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.5174e+01	-3.9102e+02	-2.0822e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.0350e+01	-3.6445e+02	2.6201e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-5.0521e+01	-3.8759e+02	5.9794e+01
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	-4.7245e+01	-4.5945e+02	-1.7079e+02
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-2.0471e+01	-3.3900e+02	-1.4795e+02

	1090	0.0000e+00	0.0000e+00	0.0000e+00	3.7903e+01	-4.0504e+02	-3.2232e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.8109e+01	-5.3742e+02	-5.5186e+01
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	5.0273e+02	1.8145e+02	1.6356e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-1.1165e+02	6.9844e+02	-6.0682e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-3.7933e+02	2.3072e+02	-6.3431e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	4.9317e+02	1.9986e+03	-4.3681e+02
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	1.9946e+02	1.4903e+02	3.1971e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	1.2278e+02	1.7588e+02	5.8016e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	9.9988e+01	3.8864e+02	8.3136e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	3.1224e+02	3.6334e+02	5.4311e+01
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	1.0794e+02	4.7602e+01	2.0340e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	7.8304e+01	4.9262e+01	5.2561e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	9.7879e+01	1.6163e+02	6.6268e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	1.6025e+02	1.3607e+02	3.3657e+01
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	5.1668e+01	-3.0059e+01	1.4936e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	3.9004e+01	-2.9610e+01	4.2047e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	5.8384e+01	4.3214e+01	4.8799e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	8.4467e+01	3.1043e+01	2.2454e+01
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	1.2522e+01	-9.6810e+01	1.5169e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	9.8651e+00	-9.8993e+01	3.7109e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	2.3752e+01	-3.9793e+01	3.9027e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	3.5387e+01	-4.6392e+01	1.7456e+01
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	-2.4293e+01	-1.6545e+02	1.9441e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-2.2363e+01	-1.7058e+02	3.7875e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-1.0368e+01	-1.1167e+02	3.6056e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	-7.2684e+00	-1.1350e+02	1.7333e+01
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	-5.7695e+01	-2.4315e+02	2.6468e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-4.6920e+01	-2.5171e+02	4.3198e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-3.4771e+01	-1.8466e+02	3.8293e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	-3.7634e+01	-1.8380e+02	2.1105e+01
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	-9.6088e+01	-3.4245e+02	3.5348e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-6.8132e+01	-3.5416e+02	5.0324e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-5.9668e+01	-2.6647e+02	4.3297e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-7.3364e+01	-2.6457e+02	2.7944e+01
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.5301e+02	-5.0903e+02	4.3592e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-5.5938e+01	-5.0795e+02	4.6418e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-7.8339e+01	-3.7642e+02	4.0965e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	-1.1719e+02	-3.6579e+02	3.7727e+01
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-1.1595e+02	-1.2725e+03	-1.6570e+02
	1078	0.0000e+00	0.0000e+00	0.0000e+00	1.1669e+02	-5.3627e+02	-2.8763e+02
	1079	0.0000e+00	0.0000e+00	0.0000e+00	3.3174e+01	-6.4752e+02	-3.1095e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	-2.2878e+02	-4.7809e+02	1.0223e+02
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	-1.4134e+02	6.9200e+02	7.0425e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	4.7138e+02	1.8117e+02	-1.5091e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	4.1177e+02	1.9948e+03	4.4964e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	-3.9573e+02	2.0104e+02	6.5875e+02
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	9.8082e+01	1.7723e+02	-5.1100e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	1.6350e+02	1.5285e+02	-1.8654e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	2.8184e+02	3.6296e+02	-3.8200e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	7.8707e+01	3.8556e+02	-7.2937e+01
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	4.7652e+01	4.6231e+01	-5.3950e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	6.0379e+01	5.1579e+01	-1.0036e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	1.2210e+02	1.4043e+02	-1.9675e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	7.1999e+01	1.6441e+02	-6.2618e+01
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	-1.9464e+01	-4.8707e+01	-5.4820e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-2.6018e+01	-3.4884e+01	-1.0905e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	3.1441e+01	3.3717e+01	-1.0518e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	2.5984e+01	4.5152e+01	-5.3762e+01
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	-5.9016e+01	-1.6801e+02	-6.5397e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.1417e+02	-1.4048e+02	-2.1949e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-5.4104e+01	-5.3621e+01	-1.0305e+01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-3.8025e+01	-5.0023e+01	-5.4450e+01
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	-5.0874e+01	-3.8657e+02	-7.6279e+01

	1072	0.0000e+00	0.0000e+00	0.0000e+00	-2.7320e+02	-3.6073e+02	-4.3713e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.5410e+02	-1.5596e+02	-1.9501e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-8.1935e+01	-1.8370e+02	-5.1573e+01
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	3.9984e+02	-1.8112e+02	6.6465e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	-3.0918e+02	-1.9734e+03	4.3199e+02
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-4.5544e+02	-1.9799e+02	-1.6992e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	1.6357e+02	-6.9054e+02	6.8525e+01
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	-1.0137e+02	1.7426e+02	6.5844e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-9.3201e+01	4.4414e+02	1.5938e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	6.6034e+01	6.7476e+01	2.9132e+02
	644	0.0000e+00	0.0000e+00	0.0000e+00	-6.6499e+01	4.8544e+01	1.9757e+02
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	-8.0438e+01	1.6732e+02	-2.0624e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	3.8460e+01	2.1778e+02	-8.6521e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-1.1235e+02	3.0087e+02	-7.2990e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-6.9923e+01	1.7057e+02	6.3599e+01
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	-2.3416e+01	6.0699e+01	-5.5635e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	2.7851e+01	7.1527e+01	-7.4774e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	3.0368e+01	1.3213e+02	-6.7479e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-4.7078e+01	1.2704e+02	-4.8468e+01
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	2.3477e+01	-3.8946e+01	-6.4892e+01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-1.8594e+01	-2.9021e+01	-7.0319e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	2.1703e+01	2.5241e+01	-7.0346e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-2.0013e+01	3.5116e+01	-6.4922e+01
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	5.5537e+01	-1.2956e+02	-4.7056e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-2.2025e+01	-1.3622e+02	-6.7629e+01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-2.0493e+01	-7.5327e+01	-7.5581e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	2.8394e+01	-6.4652e+01	-5.4976e+01
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	7.9286e+01	-1.6876e+02	6.7211e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	1.2542e+02	-3.0468e+02	-4.3547e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-2.6072e+01	-2.2086e+02	-8.6387e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	9.0519e+01	-1.7021e+02	-1.8752e+01
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	7.3686e+01	-3.8885e+01	1.9812e+02
	548	0.0000e+00	0.0000e+00	0.0000e+00	-4.5803e+01	-5.4974e+01	2.9279e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	1.0681e+02	-4.3650e+02	1.6321e+02
	1060	0.0000e+00	0.0000e+00	0.0000e+00	1.0964e+02	-1.6940e+02	6.8577e+01
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	-2.7955e+01	5.2929e+01	5.9849e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-5.4769e+01	1.2528e+02	1.1244e+02
	644	0.0000e+00	0.0000e+00	0.0000e+00	2.9636e+01	1.9679e+01	1.5386e+02
	633	0.0000e+00	0.0000e+00	0.0000e+00	-1.1197e+01	-1.2440e+01	1.0124e+02
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	-4.3459e+01	8.1547e+01	5.5535e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-3.9040e+01	1.2329e+02	-8.0154e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-5.4852e+01	1.5138e+02	5.2922e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-3.7578e+01	6.9082e+01	5.9454e+01
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	-2.3309e+01	4.1378e+01	-3.2821e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.8754e+01	5.4708e+01	-5.6801e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-4.1461e+01	1.1345e+02	-2.9694e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-3.3799e+01	6.6730e+01	-7.6537e+00
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.8588e+01	-2.0924e+01	-3.6329e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	2.4207e+01	-3.0612e+01	-5.9875e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.9437e+01	2.7014e+01	-6.0401e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.4907e+01	1.8260e+01	-3.6922e+01
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	3.9942e+01	-6.8110e+01	-3.8320e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	4.9110e+01	-1.1619e+02	-2.7673e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	2.1834e+01	-5.8034e+01	-5.6075e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	2.9257e+01	-4.3879e+01	-3.2044e+01
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	4.2763e+01	-6.7817e+01	6.0913e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	6.2105e+01	-1.5007e+02	5.5281e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	4.6339e+01	-1.2492e+02	-3.7681e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	4.9563e+01	-8.2217e+01	3.7383e+00
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	1.1378e+01	1.1860e+01	1.0077e+02
	537	0.0000e+00	0.0000e+00	0.0000e+00	-2.0599e+01	-1.1838e+01	1.5450e+02
	1060	0.0000e+00	0.0000e+00	0.0000e+00	6.2143e+01	-1.2160e+02	1.1464e+02
	1054	0.0000e+00	0.0000e+00	0.0000e+00	3.2084e+01	-5.0169e+01	6.0866e+01

1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	-6.4688e+00	9.5382e+00	3.3976e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.7714e+01	4.1201e+01	6.5301e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	2.7694e+01	-2.1169e+01	8.0344e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	2.0448e+01	-2.0787e+01	4.8974e+01
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.6222e+01	3.1610e+01	6.9710e+00
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-2.3930e+01	6.0756e+01	1.4019e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-1.8883e+01	5.4049e+01	4.1591e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-8.8821e+00	2.1453e+01	3.4101e+01
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.1967e+01	1.9747e+01	-1.4734e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.3363e+01	2.9934e+01	-2.5389e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-2.5553e+01	5.8227e+01	-8.3923e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.4349e+01	2.8015e+01	6.2831e+00
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	9.7145e+00	-8.8480e+00	-1.5009e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.8166e+01	-2.0549e+01	-3.1136e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.3950e+01	1.8137e+01	-3.1635e+01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-7.8852e+00	7.2020e+00	-1.5672e+01
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	1.7784e+01	-2.8987e+01	4.9894e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	3.0604e+01	-5.9616e+01	-5.4270e+00
	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.6878e+01	-3.2157e+01	-2.4392e+01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	1.5534e+01	-2.1201e+01	-1.4160e+01
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	1.0679e+01	-2.1105e+01	3.4236e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	2.2465e+01	-5.3070e+01	4.2491e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	2.8726e+01	-6.1507e+01	1.4337e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	1.9463e+01	-3.2044e+01	6.0964e+00
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.7436e+01	2.1110e+01	4.7938e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	-2.2889e+01	2.2330e+01	7.9944e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	2.0936e+01	-3.9357e+01	6.5879e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-4.4797e+00	-8.0832e+00	3.3837e+01
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.5782e+01	-8.5232e+00	1.2854e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	9.2159e+00	5.9614e+00	3.2927e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	3.1179e+01	-2.5530e+01	3.9138e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	2.9208e+01	-2.5831e+01	1.8902e+01
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	-4.5051e+00	8.9262e+00	3.8607e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-7.3896e+00	2.2619e+01	1.1097e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	7.0715e+00	1.3979e+01	2.3030e+01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.0333e+01	-1.7196e+00	1.3520e+01
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	-4.8526e+00	7.6391e+00	-8.3427e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-6.3495e+00	1.2544e+01	-9.9972e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-8.6733e+00	2.3967e+01	4.3994e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-4.4851e+00	9.3733e+00	4.3054e+00
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	-4.5022e+00	-3.6092e+00	-7.5681e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	8.9700e+00	-1.0320e+01	-1.3453e+01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-6.7217e+00	8.7832e+00	-1.3871e+01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-4.3223e+00	2.4909e+00	-8.1651e+00
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	4.6180e+00	-1.0351e+01	2.1664e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	1.1061e+01	-2.4943e+01	1.0008e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	7.8572e+00	-1.4031e+01	-9.1411e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	5.8691e+00	-8.6593e+00	-7.9055e+00
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	-8.6187e+00	-1.2353e+00	1.2874e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-4.5056e+00	-1.3834e+01	2.2839e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	9.1771e+00	-2.3391e+01	1.0740e+01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-4.1281e+00	-9.6396e+00	1.8128e+00
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	-2.7935e+01	2.4960e+01	1.7606e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-2.8717e+01	2.5575e+01	3.8062e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-6.1126e+00	-5.1107e+00	3.2534e+01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.4327e+01	7.6661e+00	1.2055e+01
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	1.8814e+01	-1.3655e+01	-6.8205e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.7537e+01	-9.5977e+00	1.0305e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	3.2811e+01	-2.8105e+01	1.2594e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	3.1769e+01	-2.9548e+01	-4.0166e+00
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	8.6901e+00	2.0396e+00	-8.8192e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	6.3606e+00	5.5882e+00	4.2325e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.4040e+01	-3.1016e+00	6.3848e+00

1041 0.0000e+00 0.0000e+00 0.0000e+00 1.5193e+01 -6.5735e+00 -5.7946e+00

1559 1039 0.0000e+00 0.0000e+00 0.0000e+00 -7.3125e+00 3.5971e+00 -8.5080e+00  
1045 0.0000e+00 0.0000e+00 0.0000e+00 -4.6766e+00 4.6407e+00 -6.5916e+00  
1046 0.0000e+00 0.0000e+00 0.0000e+00 5.1402e+00 7.7605e+00 -5.2644e+00  
1040 0.0000e+00 0.0000e+00 0.0000e+00 7.7585e+00 4.0809e+00 -6.8420e+00

1560 1038 0.0000e+00 0.0000e+00 0.0000e+00 -7.0252e+00 -2.7882e+00 -7.0115e+00  
1044 0.0000e+00 0.0000e+00 0.0000e+00 4.8074e+00 -4.4863e+00 -8.0632e+00  
1045 0.0000e+00 0.0000e+00 0.0000e+00 -4.6030e+00 3.3529e+00 -8.5205e+00  
1039 0.0000e+00 0.0000e+00 0.0000e+00 -7.1943e+00 2.1383e+00 -7.5065e+00

1561 1037 0.0000e+00 0.0000e+00 0.0000e+00 -7.3771e+00 -5.1791e+00 -5.5949e+00  
1043 0.0000e+00 0.0000e+00 0.0000e+00 -4.4443e+00 -8.8034e+00 -3.6036e+00  
1044 0.0000e+00 0.0000e+00 0.0000e+00 -4.4636e+00 -5.8110e+00 -6.0181e+00  
1038 0.0000e+00 0.0000e+00 0.0000e+00 -7.0236e+00 -4.3700e+00 -8.0399e+00

1562 1036 0.0000e+00 0.0000e+00 0.0000e+00 -1.5130e+01 4.8024e+00 -5.2455e+00  
1042 0.0000e+00 0.0000e+00 0.0000e+00 -1.2841e+01 1.8101e+00 5.2377e+00  
1043 0.0000e+00 0.0000e+00 0.0000e+00 -5.1932e+00 -6.7155e+00 2.5698e+00  
1037 0.0000e+00 0.0000e+00 0.0000e+00 -8.3910e+00 -3.0690e+00 -8.1491e+00

1563 493 0.0000e+00 0.0000e+00 0.0000e+00 -3.1938e+01 2.7322e+01 -5.9662e+00  
504 0.0000e+00 0.0000e+00 0.0000e+00 -3.1883e+01 2.6862e+01 1.1311e+01  
1042 0.0000e+00 0.0000e+00 0.0000e+00 -1.6301e+01 8.3692e+00 9.4041e+00  
1036 0.0000e+00 0.0000e+00 0.0000e+00 -1.8914e+01 1.1820e+01 -7.3105e+00

1564 1035 0.0000e+00 0.0000e+00 0.0000e+00 1.6760e+01 -1.1263e+01 -2.5126e+01  
1041 0.0000e+00 0.0000e+00 0.0000e+00 1.8882e+01 -1.4128e+01 -9.3660e+00  
600 0.0000e+00 0.0000e+00 0.0000e+00 3.0708e+01 -3.0635e+01 -9.0734e+00  
589 0.0000e+00 0.0000e+00 0.0000e+00 2.9971e+01 -3.3533e+01 -2.5028e+01

1565 1034 0.0000e+00 0.0000e+00 0.0000e+00 1.3569e+01 6.4083e+00 -1.7239e+01  
1040 0.0000e+00 0.0000e+00 0.0000e+00 9.4753e+00 2.0416e+00 -8.4015e+00  
1041 0.0000e+00 0.0000e+00 0.0000e+00 1.5000e+01 -6.9603e+00 -1.1860e+01  
1035 0.0000e+00 0.0000e+00 0.0000e+00 1.5158e+01 -3.1698e+00 -2.0886e+01

1566 1033 0.0000e+00 0.0000e+00 0.0000e+00 -1.3571e+01 5.9900e+00 -9.0006e+00  
1039 0.0000e+00 0.0000e+00 0.0000e+00 -8.9821e+00 3.8326e+00 -7.4749e+00  
1040 0.0000e+00 0.0000e+00 0.0000e+00 9.1915e+00 3.9171e+00 -1.0703e+01  
1034 0.0000e+00 0.0000e+00 0.0000e+00 -1.3452e+01 8.9310e+00 -1.2240e+01

1567 1032 0.0000e+00 0.0000e+00 0.0000e+00 1.2759e+01 -4.8867e+00 -6.3444e+00  
1038 0.0000e+00 0.0000e+00 0.0000e+00 -8.7645e+00 -2.7776e+00 -7.7914e+00  
1039 0.0000e+00 0.0000e+00 0.0000e+00 -8.9664e+00 2.0185e+00 -8.3855e+00  
1033 0.0000e+00 0.0000e+00 0.0000e+00 -1.3601e+01 4.6653e+00 -6.9616e+00

1568 1031 0.0000e+00 0.0000e+00 0.0000e+00 -1.1949e+01 -1.0091e+01 -1.1051e+01  
1037 0.0000e+00 0.0000e+00 0.0000e+00 -8.7937e+00 -5.1475e+00 -9.7025e+00  
1038 0.0000e+00 0.0000e+00 0.0000e+00 -8.5364e+00 -4.7446e+00 -7.0448e+00  
1032 0.0000e+00 0.0000e+00 0.0000e+00 -1.2765e+01 -6.4535e+00 -8.2632e+00

1569 1030 0.0000e+00 0.0000e+00 0.0000e+00 -1.5483e+01 1.4315e+00 -2.0471e+01  
1036 0.0000e+00 0.0000e+00 0.0000e+00 -1.5242e+01 4.9481e+00 -1.1743e+01  
1037 0.0000e+00 0.0000e+00 0.0000e+00 -9.1809e+00 -3.6524e+00 -7.6890e+00  
1031 0.0000e+00 0.0000e+00 0.0000e+00 -1.2315e+01 -7.9890e+00 -1.6365e+01

1570 482 0.0000e+00 0.0000e+00 0.0000e+00 -3.1657e+01 2.9566e+01 -2.6536e+01  
493 0.0000e+00 0.0000e+00 0.0000e+00 -3.1195e+01 2.7937e+01 -1.1015e+01  
1036 0.0000e+00 0.0000e+00 0.0000e+00 -1.9168e+01 1.1746e+01 -9.8277e+00  
1030 0.0000e+00 0.0000e+00 0.0000e+00 -1.7376e+01 8.1745e+00 -2.5469e+01

1571 1029 0.0000e+00 0.0000e+00 0.0000e+00 -2.3297e+01 3.7161e+00 -4.6134e+01  
1035 0.0000e+00 0.0000e+00 0.0000e+00 1.6459e+01 -1.0488e+01 -2.6804e+01  
589 0.0000e+00 0.0000e+00 0.0000e+00 2.4316e+01 -3.3641e+01 -3.1578e+01  
578 0.0000e+00 0.0000e+00 0.0000e+00 2.7491e+01 -3.4706e+01 -5.0958e+01

1572 1028 0.0000e+00 0.0000e+00 0.0000e+00 -2.4723e+01 2.2035e+01 -2.1707e+01  
1034 0.0000e+00 0.0000e+00 0.0000e+00 -1.6651e+01 1.0511e+01 -1.5481e+01  
1035 0.0000e+00 0.0000e+00 0.0000e+00 1.5410e+01 -1.5332e+00 -2.8456e+01  
1029 0.0000e+00 0.0000e+00 0.0000e+00 -2.2666e+01 1.6261e+01 -3.4731e+01

1573 1027 0.0000e+00 0.0000e+00 0.0000e+00 -2.1790e+01 1.2947e+01 -4.7026e+00  
1033 0.0000e+00 0.0000e+00 0.0000e+00 -1.6963e+01 8.9812e+00 -7.3001e+00  
1034 0.0000e+00 0.0000e+00 0.0000e+00 -1.6833e+01 1.0259e+01 -1.5742e+01  
1028 0.0000e+00 0.0000e+00 0.0000e+00 -2.4801e+01 2.5032e+01 -1.3003e+01

1574 1026 0.0000e+00 0.0000e+00 0.0000e+00 1.9649e+01 -9.2832e+00 -1.6102e+00  
1032 0.0000e+00 0.0000e+00 0.0000e+00 1.5160e+01 -4.6354e+00 -6.2968e+00

	1033	0.0000e+00	0.0000e+00	0.0000e+00	-1.6015e+01	4.2672e+00	-7.0666e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-2.1860e+01	9.6489e+00	-2.7796e+00
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	1.9115e+01	-2.5747e+01	-1.1600e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	1.4000e+01	-1.1641e+01	-1.4419e+01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	1.4801e+01	-9.4580e+00	-6.6768e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	1.9596e+01	-1.2904e+01	-3.7757e+00
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	1.7341e+01	-2.0071e+01	-3.3477e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.3911e+01	-2.8920e+00	-2.7847e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	1.3486e+01	-1.2492e+01	-1.4666e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	1.8928e+01	-2.3610e+01	-2.0286e+01
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	-2.9307e+01	2.8158e+01	-5.1865e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-2.5746e+01	2.8946e+01	-3.3200e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.6502e+01	6.8082e+00	-2.6883e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	1.7566e+01	-7.4366e+00	-4.5600e+01
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	-4.9449e+01	5.7846e+01	-6.4643e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-2.9180e+01	1.0671e+01	-4.0614e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	2.4381e+01	-3.4396e+01	-5.8987e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	3.9342e+01	-4.2047e+01	-8.3093e+01
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	-3.4207e+01	6.1539e+01	-9.9338e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-3.5272e+01	3.4062e+01	-1.5628e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-3.1104e+01	2.0548e+01	-4.1114e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-4.5837e+01	4.8419e+01	-3.5416e+01
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	2.8026e+01	3.1819e+01	5.0467e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-2.6978e+01	1.7654e+01	-2.4757e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-2.9201e+01	2.7981e+01	-1.0928e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-3.4182e+01	3.3617e+01	-4.5298e+00
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	2.5808e+01	-5.5314e+00	5.6377e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	2.2307e+01	-9.8620e+00	1.4998e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-2.3934e+01	9.9900e+00	2.0080e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-2.8177e+01	6.0081e+00	5.5339e+00
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	2.6341e+01	-3.3274e+01	-4.3267e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	2.1919e+01	-2.9106e+01	-9.6342e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	2.2057e+01	-1.7328e+01	-1.4515e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-2.6554e+01	-3.1654e+01	4.4067e+00
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	3.0395e+01	-4.9824e+01	-3.4149e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	2.1594e+01	-2.4959e+01	-3.9017e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	2.5326e+01	-3.5295e+01	-1.4730e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	2.7093e+01	-6.3114e+01	-9.8654e+00
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	-3.3325e+01	3.2351e+01	-8.3356e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-1.9188e+01	2.6495e+01	-5.9918e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	2.0034e+01	-1.6402e+01	-3.9668e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	3.2209e+01	-6.5784e+01	-6.3133e+01
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	6.8366e+01	-2.9962e+01	-2.6626e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-7.2695e+01	9.6103e+01	-5.9656e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-7.0134e+01	-3.5529e+01	-1.4106e+02
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.2166e+02	2.6382e+02	-9.4188e+01
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	4.2627e+01	-3.0714e+01	-1.7397e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	3.8276e+01	6.5494e+01	-2.4025e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-6.4410e+01	6.6477e+01	-3.6738e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	6.4858e+01	1.8875e+02	-2.8700e+01
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	2.8819e+01	-6.1120e+01	-1.1021e+01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	3.0046e+01	2.5351e+01	-1.0531e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-3.7813e+01	4.7366e+01	-1.3851e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	4.0606e+01	1.3912e+02	-1.4803e+01
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	-3.1849e+01	-9.9619e+01	-1.0004e+01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	2.6580e+01	-1.3237e+01	-8.8533e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-3.2472e+01	1.3239e+01	-8.3734e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	2.7584e+01	9.7947e+01	-9.8647e+00
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	-4.9132e+01	-1.4335e+02	-1.6097e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	2.8047e+01	-4.8039e+01	-1.5504e+01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-3.4114e+01	-2.5037e+01	-1.0968e+01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-3.1753e+01	6.1300e+01	-1.1365e+01
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	-7.6400e+01	-1.9697e+02	-3.2882e+01

	1012	0.0000e+00	0.0000e+00	0.0000e+00	4.1708e+01	-7.0394e+01	-3.8864e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-3.6547e+01	-6.4952e+01	-2.5013e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-5.0126e+01	3.2267e+01	-1.9162e+01
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	-9.2646e+01	-2.8150e+02	-1.0106e+02
	460	0.0000e+00	0.0000e+00	0.0000e+00	5.6027e+01	2.2751e+01	-1.3867e+02
	1012	0.0000e+00	0.0000e+00	0.0000e+00	4.6343e+01	-1.0180e+02	-6.2083e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-7.8942e+01	3.3044e+01	-2.8762e+01
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	-1.6382e+02	6.9054e+02	6.8480e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	4.5526e+02	1.9805e+02	-1.7003e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	3.0894e+02	1.9733e+03	4.3191e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	-4.0004e+02	1.8108e+02	6.6463e+02
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	8.1632e+01	1.8370e+02	-5.1608e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	1.5391e+02	1.5594e+02	-1.9530e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	2.7303e+02	3.6071e+02	-4.3764e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	5.0632e+01	3.8656e+02	-7.6327e+01
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	3.7692e+01	5.0023e+01	-5.4481e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	5.3884e+01	5.3605e+01	-1.0324e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	1.1397e+02	1.4046e+02	-2.1980e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	5.8705e+01	1.6800e+02	-6.5439e+01
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	-2.5998e+01	-4.5155e+01	-5.3781e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-3.1555e+01	-3.3734e+01	-1.0539e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	2.5772e+01	3.4867e+01	-1.0932e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	1.9132e+01	4.8708e+01	-5.4852e+01
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	-7.2165e+01	-1.6439e+02	-6.2621e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.2228e+02	-1.4044e+02	-1.9686e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-6.0532e+01	-5.1591e+01	-1.0069e+01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-4.7789e+01	-4.6230e+01	-5.3969e+01
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	-7.8770e+01	-3.8553e+02	-7.2923e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-2.8201e+02	-3.6295e+02	-3.8191e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.6368e+02	-1.5285e+02	-1.8680e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-9.8268e+01	-1.7720e+02	-5.1107e+01
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	3.9549e+02	-2.0107e+02	6.5874e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	-4.1221e+02	-1.9948e+03	4.4970e+02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-4.7157e+02	-1.8112e+02	-1.5087e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	1.4097e+02	-6.9197e+02	7.0431e+01
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	-1.0992e+02	1.6939e+02	6.8540e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-1.0703e+02	4.3647e+02	1.6319e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	4.5473e+01	5.4955e+01	2.9276e+02
	410	0.0000e+00	0.0000e+00	0.0000e+00	-7.3935e+01	3.8868e+01	1.9807e+02
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	-9.0789e+01	1.7021e+02	-1.8804e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	2.5724e+01	2.2086e+02	-8.6425e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-1.2566e+02	3.0468e+02	-4.4420e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	-7.9538e+01	1.6874e+02	6.7178e+01
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	-2.8412e+01	6.4661e+01	-5.5014e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.0127e+01	7.5324e+01	-7.5613e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	2.1755e+01	1.3622e+02	-6.7671e+01
	998	0.0000e+00	0.0000e+00	0.0000e+00	-5.5750e+01	1.2956e+02	-4.7105e+01
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	1.9540e+01	-3.5101e+01	-6.4946e+01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-2.1567e+01	-2.5249e+01	-7.0366e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	1.8329e+01	2.9026e+01	-7.0353e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	-2.3390e+01	3.8959e+01	-6.4931e+01
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	4.6552e+01	-1.2701e+02	-4.8478e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-3.0262e+01	-1.3212e+02	-6.7485e+01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-2.7835e+01	-7.1525e+01	-7.4795e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	2.2884e+01	-6.0677e+01	-5.5659e+01
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	6.9431e+01	-1.7053e+02	6.3603e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	1.1197e+02	-3.0084e+02	-7.3236e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-3.8460e+01	-2.1776e+02	-8.6530e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	7.9955e+01	-1.6729e+02	-2.0632e+01
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	6.6045e+01	-4.8549e+01	1.9759e+02
	314	0.0000e+00	0.0000e+00	0.0000e+00	-6.6117e+01	-6.7491e+01	2.9133e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	9.2802e+01	-4.4413e+02	1.5937e+02
	994	0.0000e+00	0.0000e+00	0.0000e+00	1.0094e+02	-1.7424e+02	6.5854e+01

1606	993	0.0000e+00	0.0000e+00	0.0000e+00	-3.2361e+01	5.0159e+01	6.0800e+01
	999	0.0000e+00	0.0000e+00	0.0000e+00	-6.2401e+01	1.2158e+02	1.1459e+02
	410	0.0000e+00	0.0000e+00	0.0000e+00	2.0067e+01	1.1840e+01	1.5444e+02
	399	0.0000e+00	0.0000e+00	0.0000e+00	-1.1326e+01	-1.1882e+01	1.0069e+02
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	-4.9885e+01	8.2221e+01	3.7063e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	-4.6546e+01	1.2491e+02	-3.8625e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	-6.2370e+01	1.5006e+02	5.5234e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	-4.3070e+01	6.7812e+01	6.0847e+01
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	-2.9416e+01	4.3898e+01	-3.2089e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	-2.1748e+01	5.8039e+01	-5.6113e+01
	998	0.0000e+00	0.0000e+00	0.0000e+00	-4.9332e+01	1.1619e+02	-2.7730e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	-4.0213e+01	6.8118e+01	-3.9183e+00
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	1.4132e+01	-1.8219e+01	-3.6949e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	1.8837e+01	-2.7000e+01	-6.0425e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	-2.4181e+01	3.0624e+01	-5.9916e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.8477e+01	2.0945e+01	-3.6374e+01
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	3.3077e+01	-6.6677e+01	-7.6526e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	4.0873e+01	-1.1342e+02	-2.9701e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	1.8192e+01	-5.4688e+01	-5.6827e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	2.2520e+01	-4.1333e+01	-3.2844e+01
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	3.6904e+01	-6.9023e+01	5.9480e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	5.4310e+01	-1.5135e+02	5.2939e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	3.8442e+01	-1.2325e+02	-8.0192e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	4.2788e+01	-8.1490e+01	5.5518e+00
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	1.0422e+01	1.2569e+01	1.0131e+02
	304	0.0000e+00	0.0000e+00	0.0000e+00	-2.9663e+01	-1.9720e+01	1.5390e+02
	994	0.0000e+00	0.0000e+00	0.0000e+00	5.4226e+01	-1.2525e+02	1.1245e+02
	988	0.0000e+00	0.0000e+00	0.0000e+00	2.7261e+01	-5.2877e+01	5.9886e+01
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	3.5948e+00	8.0899e+00	3.3738e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	-2.1137e+01	3.9343e+01	6.5806e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	2.2241e+01	-2.2350e+01	7.9855e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	1.6677e+01	-2.1117e+01	4.7821e+01
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.9769e+01	3.2062e+01	6.0002e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	-2.8974e+01	6.1507e+01	1.4281e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	-2.2691e+01	5.3062e+01	4.2416e+01
	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.0781e+01	2.1114e+01	3.4138e+01
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.5667e+01	2.1236e+01	-1.4207e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.6826e+01	3.2173e+01	-2.4438e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	-3.0873e+01	5.9622e+01	-5.5011e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.8023e+01	2.9010e+01	4.8947e+00
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	6.7880e+00	-7.1258e+00	-1.5693e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	1.3030e+01	-1.8096e+01	-3.1659e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.8156e+01	2.0570e+01	-3.1184e+01
	985	0.0000e+00	0.0000e+00	0.0000e+00	-9.4031e+00	8.8820e+00	-1.5055e+01
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	1.3284e+01	-2.7924e+01	6.2790e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	2.4737e+01	-5.8169e+01	-8.3909e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	1.2449e+01	-2.9888e+01	-2.5412e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	1.0837e+01	-1.9671e+01	-1.4750e+01
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	7.7051e+00	-2.1362e+01	3.4161e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	1.8033e+01	-5.3984e+01	4.1634e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	2.3095e+01	-6.0696e+01	1.4016e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	1.5226e+01	-3.1517e+01	6.9878e+00
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	-2.0736e+01	2.0967e+01	4.9095e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	-2.7915e+01	2.1297e+01	8.0432e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	1.6852e+01	-4.1145e+01	6.5343e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-5.8072e+00	-9.5148e+00	3.4055e+01
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	1.3480e+01	-7.6464e+00	1.1902e+01
	987	0.0000e+00	0.0000e+00	0.0000e+00	4.9200e+00	5.1137e+00	3.2426e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	2.8001e+01	-2.5583e+01	3.7932e+01
	377	0.0000e+00	0.0000e+00	0.0000e+00	2.7172e+01	-2.4948e+01	1.7433e+01
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	-3.7425e+00	9.6788e+00	1.6147e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-9.1987e+00	2.3408e+01	1.0644e+01
	987	0.0000e+00	0.0000e+00	0.0000e+00	3.2375e+00	1.3842e+01	2.2729e+01



	981	0.0000e+00	0.0000e+00	0.0000e+00	7.6604e+00	1.2670e+00	1.2731e+01
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	-5.8686e+00	8.7221e+00	-7.9390e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	-7.5916e+00	1.4065e+01	-9.1800e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.1203e+01	2.4965e+01	8.1909e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-4.3551e+00	1.0396e+01	1.9748e+00
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	3.4928e+00	-2.4029e+00	-8.1720e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	5.3853e+00	-8.7066e+00	-1.3889e+01
	985	0.0000e+00	0.0000e+00	0.0000e+00	-8.8387e+00	1.0359e+01	-1.3497e+01
	979	0.0000e+00	0.0000e+00	0.0000e+00	-3.9976e+00	3.6789e+00	-7.5977e+00
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	3.4952e+00	-9.2460e+00	4.3129e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	7.4007e+00	-2.3870e+01	4.4031e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	5.0711e+00	-1.2461e+01	-1.0006e+01
	978	0.0000e+00	0.0000e+00	0.0000e+00	3.6316e+00	-7.5340e+00	-8.3476e+00
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.0659e+01	2.0134e+00	1.3631e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-6.7205e+00	-1.3890e+01	2.3114e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	6.0501e+00	-2.2516e+01	1.1114e+01
	977	0.0000e+00	0.0000e+00	0.0000e+00	3.7606e+00	-8.8043e+00	3.8990e+00
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	-2.9776e+01	2.6093e+01	1.9107e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-3.1622e+01	2.5722e+01	3.9290e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-9.1248e+00	-5.9630e+00	3.3012e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.6268e+01	8.8106e+00	1.3002e+01
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	1.8215e+01	-1.1763e+01	-7.3731e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	1.5467e+01	-8.3430e+00	9.2342e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	3.1111e+01	-2.6847e+01	1.1104e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	3.1178e+01	-2.7275e+01	-5.9820e+00
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	8.1206e+00	3.1377e+00	-8.2153e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	4.3902e+00	6.7559e+00	2.3735e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	1.2000e+01	-1.7806e+00	5.0458e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	1.4464e+01	-4.7310e+00	-5.2925e+00
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	7.2588e+00	4.4887e+00	-8.0792e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	4.1583e+00	5.8772e+00	-6.0376e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	3.9733e+00	8.8505e+00	-3.6122e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	7.2539e+00	5.2570e+00	-5.6425e+00
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	7.4427e+00	-2.1672e+00	-7.5134e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	4.0823e+00	-3.2586e+00	-8.5286e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-4.7206e+00	4.5665e+00	-8.0938e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	7.2537e+00	2.9439e+00	-7.0399e+00
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	-8.2429e+00	-3.9840e+00	-6.8419e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-5.0268e+00	-7.6278e+00	-5.2675e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	4.3380e+00	-4.5319e+00	-6.5885e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-7.5632e+00	-3.5440e+00	-8.5156e+00
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.5966e+01	6.9561e+00	-5.8288e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.4598e+01	3.4716e+00	6.5558e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-6.5016e+00	-5.4565e+00	4.2809e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-9.2887e+00	-2.0960e+00	-8.8118e+00
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	-3.2534e+01	2.9925e+01	-4.0673e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	-3.3451e+01	2.8392e+01	1.2858e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.8119e+01	9.8874e+00	1.0471e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.9597e+01	1.4018e+01	-6.8107e+00
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	1.7115e+01	-8.0422e+00	-2.5600e+01
	975	0.0000e+00	0.0000e+00	0.0000e+00	1.8509e+01	-1.1669e+01	-9.9156e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	3.0455e+01	-2.7880e+01	-1.1111e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	3.1048e+01	-2.9453e+01	-2.6692e+01
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	1.2727e+01	8.0852e+00	-1.6457e+01
	974	0.0000e+00	0.0000e+00	0.0000e+00	9.1057e+00	3.7201e+00	-7.7550e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	1.4696e+01	-4.8688e+00	-1.1842e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	1.5323e+01	-1.2486e+00	-2.0588e+01
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.3328e+01	6.6186e+00	-8.3143e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-8.9430e+00	4.8721e+00	-7.0790e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	8.9171e+00	5.2308e+00	-9.7747e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	1.2485e+01	1.0202e+01	-1.1132e+01
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	1.4059e+01	-4.6985e+00	-6.9731e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	9.3698e+00	-2.0708e+00	-8.3971e+00

	973	0.0000e+00	0.0000e+00	0.0000e+00	9.1586e+00	2.9539e+00	-7.8255e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.3382e+01	5.1018e+00	-6.3794e+00
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	1.3973e+01	-8.7536e+00	-1.2242e+01
	971	0.0000e+00	0.0000e+00	0.0000e+00	-9.7723e+00	-3.8153e+00	-1.0698e+01
	972	0.0000e+00	0.0000e+00	0.0000e+00	9.3542e+00	-3.7700e+00	-7.4797e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	1.4089e+01	-5.9504e+00	-9.0155e+00
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.6068e+01	3.6941e+00	-2.0815e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.5866e+01	7.3596e+00	-1.1813e+01
	971	0.0000e+00	0.0000e+00	0.0000e+00	-1.0143e+01	-2.0045e+00	-8.3974e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-1.4184e+01	-6.2174e+00	-1.7222e+01
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	-3.0879e+01	3.4058e+01	-2.4790e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-3.1531e+01	3.1049e+01	-8.9415e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.9744e+01	1.4509e+01	-9.3206e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.7679e+01	1.1733e+01	-2.4996e+01
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.8217e+01	7.4548e+00	-4.5722e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	1.6410e+01	-6.6072e+00	-2.7011e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	2.5283e+01	-2.8805e+01	-3.3369e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	2.9115e+01	-2.7908e+01	-5.2034e+01
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.9682e+01	2.3730e+01	-2.0358e+01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-1.4244e+01	1.2604e+01	-1.4757e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	1.4195e+01	2.8792e+00	-2.7962e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.8005e+01	2.0199e+01	-3.3568e+01
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	-2.0183e+01	1.3080e+01	-3.8170e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.5562e+01	9.6315e+00	-6.7238e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	-1.4743e+01	1.1758e+01	-1.4494e+01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.9894e+01	2.5873e+01	-1.1664e+01
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	2.2245e+01	-9.6365e+00	-2.7564e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	1.6533e+01	-4.3397e+00	-7.0809e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.5791e+01	4.8775e+00	-6.3311e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-2.0266e+01	9.5128e+00	-1.6114e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	2.5061e+01	-2.4751e+01	-1.3015e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	1.7239e+01	-1.0037e+01	-1.5744e+01
	966	0.0000e+00	0.0000e+00	0.0000e+00	1.7348e+01	-8.8851e+00	-7.3111e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	2.2207e+01	-1.2850e+01	-4.7138e+00
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	2.3071e+01	-1.5643e+01	-3.4660e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.6154e+01	1.8594e+00	-2.8368e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	1.7039e+01	-1.0212e+01	-1.5463e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	2.5013e+01	-2.1686e+01	-2.1702e+01
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	-2.8293e+01	3.5372e+01	-5.0653e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.5262e+01	3.4204e+01	-3.1291e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.7384e+01	1.0937e+01	-2.6677e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	2.3693e+01	-2.8684e+00	-4.5984e+01
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	-3.2632e+01	6.6022e+01	-6.3189e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-2.0901e+01	1.6512e+01	-3.9770e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	1.9622e+01	-2.6160e+01	-6.0097e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	3.3539e+01	-3.1836e+01	-8.3495e+01
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.7354e+01	6.3257e+01	-9.8987e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-2.6157e+01	3.5439e+01	-1.4799e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-2.2395e+01	2.5106e+01	-3.9079e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-3.0844e+01	4.9982e+01	-3.4172e+01
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	2.6720e+01	3.1797e+01	4.3780e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-2.2693e+01	1.7525e+01	-1.4709e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-2.2643e+01	2.9245e+01	-9.6773e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.6621e+01	3.3409e+01	-4.3438e+00
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	2.8275e+01	-6.2444e+00	5.5241e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	2.4312e+01	-9.9660e+00	1.9449e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-2.2796e+01	1.0113e+01	1.4649e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-2.5980e+01	5.8641e+00	5.6375e+00
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	3.4197e+01	-3.3367e+01	-4.5527e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	2.9386e+01	-2.7642e+01	-1.0945e+01
	960	0.0000e+00	0.0000e+00	0.0000e+00	2.7220e+01	-1.7525e+01	-2.4970e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	-2.8106e+01	-3.1592e+01	5.0700e+00
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	4.5802e+01	-4.7864e+01	-3.5360e+01

	958	0.0000e+00	0.0000e+00	0.0000e+00	3.1275e+01	-1.9808e+01	-4.1062e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	3.5327e+01	-3.3668e+01	-1.5615e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	3.4183e+01	-6.1004e+01	-9.9200e+00
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	-3.9291e+01	4.2867e+01	-8.2752e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-2.4845e+01	3.5054e+01	-5.8637e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	2.9343e+01	-9.5349e+00	-4.0488e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	4.9374e+01	-5.6667e+01	-6.4520e+01
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	7.9036e+01	-3.3100e+01	-2.8838e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-4.6340e+01	1.0210e+02	-6.2207e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-5.6584e+01	-2.1958e+01	-1.3876e+02
	4	0.0000e+00	0.0000e+00	0.0000e+00	9.2001e+01	2.8227e+02	-1.0117e+02
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	5.0128e+01	-3.2268e+01	-1.9200e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	3.6564e+01	6.5113e+01	-2.5049e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-4.1810e+01	7.0610e+01	-3.8926e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	7.6515e+01	1.9737e+02	-3.2937e+01
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	3.1458e+01	-6.1094e+01	-1.1347e+01
	952	0.0000e+00	0.0000e+00	0.0000e+00	3.4102e+01	2.5247e+01	-1.0962e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.8074e+01	4.8200e+01	-1.5526e+01
	955	0.0000e+00	0.0000e+00	0.0000e+00	4.9141e+01	1.4347e+02	-1.6107e+01
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-2.6661e+01	-9.7391e+01	-9.7183e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	3.2418e+01	-1.3171e+01	-8.2970e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-2.6482e+01	1.3526e+01	-8.8333e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	3.1540e+01	9.9539e+01	-9.9294e+00
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-3.9251e+01	-1.3806e+02	-1.4488e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	3.7690e+01	-4.6973e+01	-1.3672e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-2.9761e+01	-2.5166e+01	-1.0435e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-2.7880e+01	6.0922e+01	-1.0782e+01
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-6.3111e+01	-1.8699e+02	-2.8224e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	6.4302e+01	-6.5656e+01	-3.6479e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-3.7792e+01	-6.5043e+01	-2.3841e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-4.1249e+01	3.0468e+01	-1.6966e+01
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1954e+02	-2.6098e+02	-9.3704e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	6.9979e+01	3.5873e+01	-1.4073e+02
	946	0.0000e+00	0.0000e+00	0.0000e+00	7.2439e+01	-9.5005e+01	-5.9253e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-6.6556e+01	2.9687e+01	-2.5920e+01
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	-3.7660e+01	7.1720e+02	6.6772e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	4.2680e+02	8.7677e+01	-1.3747e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	3.9892e+02	1.9592e+03	4.1856e+02
	538	0.0000e+00	0.0000e+00	0.0000e+00	-4.0485e+02	2.2383e+02	6.2145e+02
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	1.0591e+02	1.7388e+02	-6.0258e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	1.7457e+02	1.6999e+02	-1.5505e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	2.5145e+02	3.5711e+02	-2.9411e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	1.2170e+02	3.8094e+02	-7.4218e+01
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	5.7127e+01	7.5512e+01	-5.0187e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	7.6724e+01	7.4501e+01	-9.7848e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	1.3515e+02	1.5068e+02	-2.0862e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	8.0802e+01	1.7183e+02	-6.1335e+01
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	8.9800e+00	9.3194e+00	-4.5485e+01
	942	0.0000e+00	0.0000e+00	0.0000e+00	8.5086e+00	1.2952e+01	-1.0411e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	5.2542e+01	6.3873e+01	-1.3320e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	3.5385e+01	7.3183e+01	-4.8326e+01
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	-3.8605e+01	-6.0059e+01	-5.0140e+01
	941	0.0000e+00	0.0000e+00	0.0000e+00	-5.8040e+01	-4.9284e+01	-1.4045e+01
	942	0.0000e+00	0.0000e+00	0.0000e+00	-1.2734e+01	3.3450e+00	-1.0012e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-1.1595e+01	6.0142e+00	-4.6054e+01
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	-8.6802e+01	-1.6641e+02	-6.5970e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.4584e+02	-1.4282e+02	-2.2288e+01
	941	0.0000e+00	0.0000e+00	0.0000e+00	-8.3481e+01	-6.0856e+01	-9.4786e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	-6.1496e+01	-6.2842e+01	-5.3140e+01
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	-1.3031e+02	-3.9288e+02	-8.1983e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-2.7267e+02	-3.6557e+02	-3.1792e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.8824e+02	-1.6457e+02	-1.5504e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-1.1402e+02	-1.6973e+02	-6.5691e+01

1669	861	0.0000e+00	0.0000e+00	0.0000e+00	4.1252e+02	-2.4707e+02	6.3680e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	-4.2539e+02	-2.0418e+03	4.2770e+02
	939	0.0000e+00	0.0000e+00	0.0000e+00	-4.5659e+02	-8.9760e+01	-1.4455e+02
	932	0.0000e+00	0.0000e+00	0.0000e+00	2.4075e+01	-7.4391e+02	6.4548e+01
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.1494e+02	2.1391e+02	4.9871e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-5.1263e+01	5.0283e+02	1.2969e+02
	538	0.0000e+00	0.0000e+00	0.0000e+00	4.9481e+01	7.9254e+01	2.7229e+02
	527	0.0000e+00	0.0000e+00	0.0000e+00	-5.2634e+01	8.3650e+01	1.9244e+02
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	-5.8103e+01	1.9039e+02	-2.5249e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	4.2272e+01	2.1913e+02	-9.0475e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	-8.8361e+01	3.0075e+02	-2.5076e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	-5.9651e+01	1.9906e+02	4.0366e+01
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	-4.9120e+00	9.0136e+01	-5.6382e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	3.1225e+01	9.4303e+01	-6.7861e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	3.1340e+01	1.4893e+02	-6.7002e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	-2.6017e+01	1.5140e+02	-5.5536e+01
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	4.7003e+00	1.2706e+01	-6.6182e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	5.2245e+00	1.9551e+01	-6.0724e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	2.1847e+01	6.2409e+01	-6.1681e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	-3.8756e+00	7.1192e+01	-6.7140e+01
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	5.3628e+00	-6.1131e+01	-7.0180e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-2.2679e+01	-4.9505e+01	-6.4608e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-5.7419e+00	-5.1887e+00	-6.0963e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	-2.2730e+00	-1.2880e+00	-6.6534e+01
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	2.9515e+01	-1.4799e+02	-6.1457e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-3.2814e+01	-1.4278e+02	-7.3099e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-3.2651e+01	-8.3208e+01	-7.1450e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	6.0944e+00	-8.1280e+01	-5.9807e+01
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	6.4462e+01	-2.0562e+02	3.5399e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	8.8643e+01	-3.0910e+02	-3.2130e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-4.5149e+01	-2.1789e+02	-9.7985e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	6.2735e+01	-1.9011e+02	-3.0461e+01
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	5.6599e+01	-9.6923e+01	1.9458e+02
	861	0.0000e+00	0.0000e+00	0.0000e+00	-5.1031e+01	-9.5478e+01	2.7644e+02
	932	0.0000e+00	0.0000e+00	0.0000e+00	4.7442e+01	-5.2259e+02	1.2749e+02
	925	0.0000e+00	0.0000e+00	0.0000e+00	1.2241e+02	-2.2428e+02	4.5634e+01
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	-3.7983e+01	8.7870e+01	5.5598e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	-5.4714e+01	1.5928e+02	1.0343e+02
	527	0.0000e+00	0.0000e+00	0.0000e+00	1.9433e+01	5.0211e+01	1.5226e+02
	516	0.0000e+00	0.0000e+00	0.0000e+00	-1.5400e+01	2.4232e+01	1.0442e+02
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	-4.7504e+01	1.1698e+02	-5.7219e+00
	930	0.0000e+00	0.0000e+00	0.0000e+00	-3.0610e+01	1.5302e+02	-1.6446e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	-5.5608e+01	1.8199e+02	4.1136e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	-4.4301e+01	1.0373e+02	5.2067e+01
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	-2.3256e+01	7.4290e+01	-4.2123e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	-6.3220e+00	8.7311e+01	-6.2499e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	-3.5213e+01	1.3793e+02	-3.7026e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	-3.4549e+01	1.0012e+02	-1.6744e+01
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	2.4432e+00	1.3662e+01	-5.6150e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	4.8790e+00	1.8241e+01	-7.0175e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	-9.6159e+00	6.1870e+01	-6.3922e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.3438e+01	5.3971e+01	-4.9904e+01
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	2.2806e+01	-4.6823e+01	-5.2596e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	1.4950e+01	-5.2311e+01	-6.6916e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	2.3143e+00	-7.2357e+00	-7.0664e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	7.9607e+00	-5.2404e+00	-5.6345e+01
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	4.4810e+01	-9.7681e+01	-2.1139e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	4.1738e+01	-1.3449e+02	-4.2469e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	1.0840e+01	-7.9224e+01	-6.6376e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	3.2955e+01	-6.8385e+01	-4.5040e+01
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	5.5376e+01	-1.0783e+02	4.8024e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	6.3274e+01	-1.8780e+02	3.6062e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	3.6297e+01	-1.5208e+02	-2.1759e+01

	919	0.0000e+00	0.0000e+00	0.0000e+00	5.8359e+01	-1.1682e+02	-9.8208e+00
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	2.5124e+01	-3.3784e+01	1.0223e+02
	853	0.0000e+00	0.0000e+00	0.0000e+00	-1.3458e+01	-6.1092e+01	1.5140e+02
	925	0.0000e+00	0.0000e+00	0.0000e+00	6.1329e+01	-1.6740e+02	1.0078e+02
	918	0.0000e+00	0.0000e+00	0.0000e+00	4.9025e+01	-9.3811e+01	5.1615e+01
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.4459e+01	3.8986e+01	3.4170e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	-2.8613e+01	7.3190e+01	6.3907e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	1.3387e+01	1.0404e+01	8.3000e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	3.6359e+00	6.3788e+00	5.3248e+01
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	-2.8665e+01	6.5445e+01	2.1425e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	-3.1111e+01	9.5938e+01	5.2856e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	-2.9021e+01	8.8061e+01	3.7061e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-2.2236e+01	5.4263e+01	3.2818e+01
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.8200e+01	4.9312e+01	-2.5356e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.4554e+01	6.4442e+01	-3.7627e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	-3.2898e+01	8.9757e+01	-1.5685e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-2.4445e+01	6.0933e+01	-3.9262e+00
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	3.0166e+00	1.1051e+01	-3.6178e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	5.9419e+00	1.3379e+01	-5.3061e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.5367e+01	4.8274e+01	-4.5423e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.0204e+01	3.5334e+01	-2.8556e+01
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	2.4204e+01	-3.0590e+01	-3.0683e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	2.6799e+01	-4.1680e+01	-4.7845e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	5.6045e+00	-5.6156e+00	-5.3507e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	1.1135e+01	-5.3839e+00	-3.6347e+01
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	3.8950e+01	-5.9644e+01	-7.1324e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	4.5150e+01	-8.7525e+01	-2.0015e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	2.5751e+01	-5.8882e+01	-4.0708e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	3.2403e+01	-4.5507e+01	-2.7782e+01
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	3.6912e+01	-5.7963e+01	2.8331e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	4.1469e+01	-9.1801e+01	3.2236e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	4.2890e+01	-9.5424e+01	8.9093e-01
	912	0.0000e+00	0.0000e+00	0.0000e+00	4.3344e+01	-6.5696e+01	-3.7150e+00
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	1.0103e+01	-1.5167e+01	4.8626e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	-2.2827e+00	-1.8926e+01	7.9194e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	4.0397e+01	-7.8575e+01	6.0011e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	2.8805e+01	-4.4095e+01	2.9447e+01
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	-3.2700e+00	1.9320e+01	1.5999e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.0946e+01	3.3936e+01	3.5186e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	1.4075e+01	1.4525e+00	4.3438e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	1.0764e+01	-1.7167e+00	2.4218e+01
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.4567e+01	3.8912e+01	1.9822e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.9110e+01	5.5257e+01	7.1668e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.2219e+01	4.5529e+01	2.2786e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-8.6724e+00	3.0280e+01	1.6402e+01
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	-9.8205e+00	3.2180e+01	-1.2584e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.0391e+01	4.1945e+01	-1.9224e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.9869e+01	5.4458e+01	-6.4981e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.3701e+01	3.8330e+01	2.0572e+00
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	5.2072e+00	7.6812e+00	-1.8045e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	7.0813e+00	8.8901e+00	-3.1449e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-9.9218e+00	3.2462e+01	-2.6258e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-4.9521e+00	2.3263e+01	-1.2889e+01
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	2.1392e+01	-2.0600e+01	-1.4637e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.5207e+01	-2.8263e+01	-2.8215e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	8.0876e+00	-3.7873e+00	-3.1820e+01
	907	0.0000e+00	0.0000e+00	0.0000e+00	1.1266e+01	-4.2446e+00	-1.8242e+01
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	3.0387e+01	-3.8545e+01	-3.2128e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	3.5554e+01	-5.3537e+01	-1.0113e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.5539e+01	-3.8496e+01	-2.1752e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	2.6319e+01	-3.0239e+01	-1.4746e+01
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	2.5188e+01	-3.4845e+01	1.1374e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	2.7779e+01	-4.9311e+01	1.7670e+01

	912	0.0000e+00	0.0000e+00	0.0000e+00	3.4475e+01	-5.5594e+01	2.9111e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	3.1169e+01	-4.0329e+01	-3.7505e+00
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	4.9790e+00	-8.1372e+00	1.7990e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	6.5314e-01	-9.2481e+00	3.7772e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	2.5969e+01	-3.9097e+01	3.0239e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	1.9186e+01	-2.5187e+01	1.0477e+01
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	2.4788e+00	1.3131e+01	1.7073e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	-2.3279e+00	1.7580e+01	1.5259e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	1.4516e+01	-4.1391e+00	1.8025e+01
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.3507e+01	-5.2797e+00	3.5935e+00
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	-8.9564e+00	2.9688e+01	-2.4155e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.0629e+01	3.4916e+01	4.7100e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	-4.3935e+00	2.6343e+01	9.2879e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	-3.8800e+00	2.2045e+01	3.5823e+00
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	-5.4920e+00	2.5022e+01	-3.2713e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	-5.9673e+00	2.8604e+01	-7.4189e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.0987e+01	3.5247e+01	-3.4502e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	-9.0133e+00	3.0123e+01	2.2463e+00
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	6.6427e+00	5.3941e+00	-3.5609e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	7.4608e+00	6.0625e+00	-1.3903e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-4.5581e+00	2.2063e+01	-1.1823e+01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-3.0869e+00	1.8494e+01	-1.8641e+00
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	1.9303e+01	-1.7748e+01	-2.9947e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	2.1488e+01	-1.9973e+01	-1.3481e+01
	907	0.0000e+00	0.0000e+00	0.0000e+00	9.5266e+00	-3.1927e+00	-1.4258e+01
	900	0.0000e+00	0.0000e+00	0.0000e+00	1.0147e+01	-3.8908e+00	-3.7788e+00
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	2.5610e+01	-3.2168e+01	-2.2033e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	2.8130e+01	-3.5979e+01	-6.6532e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	2.2831e+01	-2.7160e+01	-9.6648e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	2.1819e+01	-2.4922e+01	-5.1456e+00
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	1.9763e+01	-2.8346e+01	-2.5570e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	2.1140e+01	-3.1329e+01	3.7652e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	2.7545e+01	-3.6765e+01	1.0262e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	2.5298e+01	-3.2841e+01	-5.8906e+00
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	2.4957e+00	-5.9789e+00	-4.3441e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	1.7793e+00	-5.9071e+00	1.0966e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	1.8332e+01	-2.3874e+01	9.4172e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	1.6046e+01	-2.0711e+01	-5.8430e+00
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	-5.2412e+00	1.7341e+01	-1.4421e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	2.6939e+00	1.3150e+01	1.5608e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.2894e+01	-5.9134e+00	-2.1210e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.3283e+01	-6.8697e+00	-1.6031e+01
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	-1.0255e+01	3.4309e+01	-3.8448e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	-9.2903e+00	2.9914e+01	2.2587e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	-4.3989e+00	2.1746e+01	-3.4271e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	-6.1698e+00	2.6337e+01	-8.2017e+00
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	-5.5430e+00	2.6728e+01	5.9615e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	-5.5715e+00	2.4765e+01	1.9693e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	-8.9000e+00	2.9907e+01	-2.2674e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	-1.0632e+01	3.3925e+01	3.1959e+00
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	6.5809e+00	4.7243e+00	9.5019e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	6.7295e+00	4.7687e+00	9.1645e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-3.1907e+00	1.8451e+01	1.3456e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	-4.6315e+00	1.9631e+01	8.9726e+00
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	1.7824e+01	-2.0676e+01	7.5232e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	1.8926e+01	-1.8360e+01	-2.1261e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	9.9004e+00	-3.8975e+00	9.2135e-01
	893	0.0000e+00	0.0000e+00	0.0000e+00	8.0293e+00	-4.9485e+00	9.2070e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	2.4340e+01	-3.8026e+01	-6.6052e-01
	898	0.0000e+00	0.0000e+00	0.0000e+00	2.5112e+01	-3.2639e+01	-5.1673e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	2.1537e+01	-2.5332e+01	-1.0846e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	1.8648e+01	-2.8478e+01	3.8287e+00
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	1.9089e+01	-3.5094e+01	-1.3876e+01

	897	0.0000e+00	0.0000e+00	0.0000e+00	1.9861e+01	-2.8771e+01	-8.9294e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	2.5393e+01	-3.3815e+01	-2.8875e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	2.3545e+01	-3.9644e+01	-7.7822e+00
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	1.0014e+00	-6.9323e+00	-2.4847e+01
	821	0.0000e+00	0.0000e+00	0.0000e+00	3.1121e+00	-6.0898e+00	-1.0204e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	1.6056e+01	-2.1518e+01	-6.7957e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.7090e+01	-2.7494e+01	-2.1425e+01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.4241e+01	3.3473e+01	-3.0827e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-6.6231e+00	1.9788e+01	-1.3943e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	7.8401e+00	-5.5747e+00	-2.2464e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	1.1660e+01	-2.8278e+00	-3.9376e+01
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.3800e+01	4.9978e+01	-2.2612e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	-1.4246e+01	3.8894e+01	1.2828e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	-1.0573e+01	2.9484e+01	-1.4669e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.3722e+01	4.7796e+01	-1.6775e+01
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	-6.3997e+00	3.3309e+01	1.5865e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-8.1617e+00	2.9038e+01	9.4528e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	-1.2147e+01	3.6364e+01	1.5681e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.4553e+01	4.9242e+01	7.3085e+00
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	5.0467e+00	4.1118e+00	2.0870e+01
	893	0.0000e+00	0.0000e+00	0.0000e+00	5.2781e+00	4.3957e+00	1.2111e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-4.9129e+00	2.0913e+01	9.9909e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	-6.5525e+00	2.5510e+01	1.8728e+01
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	1.3264e+01	-2.8265e+01	1.7477e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	1.6651e+01	-2.2761e+01	8.6319e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	8.4294e+00	-5.3439e+00	1.1645e+01
	886	0.0000e+00	0.0000e+00	0.0000e+00	4.7396e+00	-5.8697e+00	2.0485e+01
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	2.1587e+01	-5.5560e+01	4.1510e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	2.4493e+01	-4.1379e+01	-2.6281e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	2.0203e+01	-3.1601e+01	7.1162e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	1.2593e+01	-3.6748e+01	1.3809e+01
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	2.0583e+01	-5.9855e+01	-2.2555e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	2.2688e+01	-3.9300e+01	-2.0790e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	2.6602e+01	-4.5282e+01	-4.3510e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	2.0231e+01	-5.7523e+01	-6.1260e+00
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	-2.4495e+00	-1.5554e+01	-4.9364e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	6.1750e+00	-9.5182e+00	-3.2176e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.7978e+01	-3.1214e+01	-2.1191e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	2.0347e+01	-4.7076e+01	-3.8378e+01
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	-2.1320e+01	1.0096e+02	-4.3079e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-2.3920e+01	4.4288e+01	-2.2152e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-8.5253e+00	2.9300e+00	-4.6988e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	1.2170e+01	-6.6541e+00	-6.7927e+01
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	7.5881e+00	8.7466e+01	1.1516e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-2.3172e+01	6.1236e+01	4.0823e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.9121e+01	5.3271e+01	-1.9924e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-2.2653e+01	7.4602e+01	-1.2483e+01
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	5.5909e+00	5.2135e+01	2.4139e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-1.0011e+01	3.6591e+01	1.8448e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.3350e+01	5.3664e+01	1.0538e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-9.0711e+00	5.3925e+01	1.6216e+01
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	3.6707e+00	1.4251e+01	2.6527e+01
	886	0.0000e+00	0.0000e+00	0.0000e+00	3.4057e+00	3.1716e+00	2.2982e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-5.2452e+00	2.8015e+01	2.1384e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	-5.1880e+00	2.0025e+01	2.4927e+01
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	2.3651e+00	-2.4065e+01	2.3681e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	8.8225e+00	-3.1774e+01	2.0220e+01
	886	0.0000e+00	0.0000e+00	0.0000e+00	5.7098e+00	-5.7803e+00	2.2445e+01
	875	0.0000e+00	0.0000e+00	0.0000e+00	-4.7465e+00	-1.7900e+01	2.5904e+01
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	3.0604e+00	-6.1097e+01	1.3043e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	1.7445e+01	-6.1140e+01	7.5346e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	1.4382e+01	-4.0972e+01	1.6136e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-5.5531e+00	-5.8202e+01	2.1639e+01

1732	869	0.0000e+00	0.0000e+00	0.0000e+00	1.7211e+01	-8.7608e+01	-1.7965e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	2.2920e+01	-6.6726e+01	-2.5446e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	2.7843e+01	-6.9984e+01	-9.5392e-01
	871	0.0000e+00	0.0000e+00	0.0000e+00	-3.0546e+00	-9.8935e+01	7.2145e+00
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	-9.3951e+00	-1.6069e+01	-7.8616e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	1.0199e+01	-2.0856e+01	-5.7764e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	2.9164e+01	-6.0020e+01	-2.9501e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.3496e+01	-1.2115e+02	-5.0354e+01
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	6.3166e+01	-5.6263e+00	-1.0063e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-2.2490e+01	1.3550e+02	-4.3919e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-6.5190e+01	1.2655e+01	-1.2129e+02
	7	0.0000e+00	0.0000e+00	0.0000e+00	4.5581e+01	3.0243e+02	-8.2065e+01
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	3.6225e+01	-6.7436e+00	-5.2488e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	1.9691e+01	8.6621e+01	-5.1897e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	-2.3751e+01	9.6659e+01	-1.7850e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	6.4223e+01	2.1541e+02	-1.3785e+01
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	1.2678e+01	-3.9109e+01	7.6263e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	1.7835e+01	4.5063e+01	8.3456e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	-9.0998e+00	6.8574e+01	5.1020e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	3.7892e+01	1.6012e+02	5.2215e+00
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	-1.0435e+01	-7.9156e+01	8.8194e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	1.0673e+01	5.2396e+00	1.0815e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	-1.0351e+01	3.0111e+01	1.0556e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	1.4680e+01	1.1509e+02	8.6429e+00
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	-3.2100e+01	-1.2547e+02	5.9988e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	3.5814e+00	-3.5850e+01	8.0789e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	-1.7388e+01	-1.0062e+01	1.0235e+01
	876	0.0000e+00	0.0000e+00	0.0000e+00	-7.8049e+00	7.5313e+01	8.0903e+00
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	-5.7350e+01	-1.8001e+02	-3.6567e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	-1.8015e+00	-7.8055e+01	-1.9847e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	-2.5506e+01	-5.1877e+01	4.7869e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	-2.9529e+01	3.8947e+01	3.5535e+00
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	-8.7168e+01	-2.4816e+02	-2.2063e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.2454e+01	-1.1304e+02	-2.6390e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	-2.8489e+01	-9.8141e+01	-1.1609e+01
	872	0.0000e+00	0.0000e+00	0.0000e+00	-5.5054e+01	7.4069e+00	-7.4247e+00
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	-6.8497e+01	-3.5368e+02	-9.4812e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	6.4277e+01	-3.7333e+01	-1.3381e+02
	869	0.0000e+00	0.0000e+00	0.0000e+00	2.8053e+00	-1.5683e+02	-5.5270e+01
	870	0.0000e+00	0.0000e+00	0.0000e+00	-8.5274e+01	3.0361e+00	-1.6354e+01
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	-2.4250e+01	7.4392e+02	6.4540e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	4.5651e+02	8.9812e+01	-1.4463e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	4.2510e+02	2.0418e+03	4.2764e+02
	861	0.0000e+00	0.0000e+00	0.0000e+00	-4.1262e+02	2.4702e+02	6.3681e+02
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	1.1391e+02	1.6975e+02	-6.5698e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	1.8817e+02	1.6457e+02	-1.5526e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	2.7261e+02	3.6557e+02	-3.1828e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	1.3017e+02	3.9289e+02	-8.2003e+01
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	6.1396e+01	6.2848e+01	-5.3145e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	8.3420e+01	6.0856e+01	-9.4862e+00
	867	0.0000e+00	0.0000e+00	0.0000e+00	1.4578e+02	1.4282e+02	-2.2306e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	8.6695e+01	1.6642e+02	-6.5985e+01
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	1.1489e+01	-6.0109e+00	-4.6052e+01
	865	0.0000e+00	0.0000e+00	0.0000e+00	1.2671e+01	-3.3485e+00	-1.0011e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	5.7979e+01	4.9281e+01	-1.4052e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	3.8505e+01	6.0065e+01	-5.0147e+01
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	-3.5478e+01	-7.3175e+01	-4.8318e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-5.2603e+01	-6.3875e+01	-1.3310e+01
	865	0.0000e+00	0.0000e+00	0.0000e+00	-8.5641e+00	-1.2954e+01	-1.0410e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	-9.0592e+00	-9.3151e+00	-4.5485e+01
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	-8.0908e+01	-1.7182e+02	-6.1318e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.3522e+02	-1.5068e+02	-2.0843e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-7.6786e+01	-7.4499e+01	-9.7774e+00



	856	0.0000e+00	0.0000e+00	0.0000e+00	-5.7224e+01	-7.5502e+01	-5.0181e+01
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	-1.2185e+02	-3.8092e+02	-7.4195e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-2.5152e+02	-3.5710e+02	-2.9380e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.7464e+02	-1.6998e+02	-1.5490e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-1.0603e+02	-1.7386e+02	-6.0249e+01
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	4.0474e+02	-2.2388e+02	6.2144e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	-3.9926e+02	-1.9592e+03	4.1862e+02
	862	0.0000e+00	0.0000e+00	0.0000e+00	-4.2688e+02	-8.7627e+01	-1.3740e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	3.7543e+01	-7.1718e+02	6.6784e+01
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	-1.2258e+02	2.2427e+02	4.5641e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	-4.7591e+01	5.2258e+02	1.2750e+02
	861	0.0000e+00	0.0000e+00	0.0000e+00	5.0885e+01	9.5453e+01	2.7644e+02
	853	0.0000e+00	0.0000e+00	0.0000e+00	-5.6769e+01	9.6910e+01	1.9458e+02
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	-6.2906e+01	1.9012e+02	-3.0458e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	4.5021e+01	2.1790e+02	-9.7991e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	-8.8783e+01	3.0911e+02	-3.2131e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	-6.4637e+01	2.0562e+02	3.5406e+01
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	-6.2263e+00	8.1290e+01	-5.9806e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	3.2531e+01	8.3213e+01	-7.1455e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	3.2687e+01	1.4278e+02	-7.3107e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	-2.9678e+01	1.4800e+02	-6.1459e+01
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	2.0634e+00	1.3060e+00	-6.6532e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	5.6033e+00	5.1964e+00	-6.0962e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	2.2558e+01	4.9510e+01	-6.4613e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	-5.4802e+00	6.1140e+01	-7.0184e+01
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	3.6554e+00	-7.1180e+01	-6.7137e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	-2.1950e+01	-6.2403e+01	-6.1675e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	-5.2894e+00	-1.9547e+01	-6.0724e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	-4.7620e+00	-1.2697e+01	-6.6186e+01
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	2.5816e+01	-1.5138e+02	-5.5534e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-3.1452e+01	-1.4892e+02	-6.6992e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	-3.1334e+01	-9.4294e+01	-6.7855e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	4.6874e+00	-9.0121e+01	-5.6384e+01
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	5.9450e+01	-1.9905e+02	4.0363e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	8.8209e+01	-3.0073e+02	-2.5073e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-4.2389e+01	-2.1911e+02	-9.0467e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	5.7909e+01	-1.9037e+02	-2.5252e+01
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	5.2436e+01	-8.3661e+01	1.9244e+02
	431	0.0000e+00	0.0000e+00	0.0000e+00	-4.9618e+01	-7.9280e+01	2.7230e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	5.1101e+01	-5.0284e+02	1.2969e+02
	846	0.0000e+00	0.0000e+00	0.0000e+00	1.1475e+02	-2.1391e+02	4.9867e+01
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	-4.9264e+01	9.3810e+01	5.1621e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	-6.1519e+01	1.6739e+02	1.0079e+02
	853	0.0000e+00	0.0000e+00	0.0000e+00	1.3269e+01	6.1079e+01	1.5140e+02
	845	0.0000e+00	0.0000e+00	0.0000e+00	-2.5365e+01	3.3780e+01	1.0223e+02
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	-5.8600e+01	1.1683e+02	-9.8144e+00
	851	0.0000e+00	0.0000e+00	0.0000e+00	-3.6483e+01	1.5208e+02	-2.1753e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	-6.3462e+01	1.8780e+02	3.6065e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	-5.5618e+01	1.0783e+02	4.8028e+01
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	-3.3188e+01	6.8393e+01	-4.5037e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	-1.1003e+01	7.9229e+01	-6.6375e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	-4.1922e+01	1.3450e+02	-4.2469e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	-4.5048e+01	9.7687e+01	-2.1137e+01
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	-8.1433e+00	5.2514e+00	-5.6346e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	-2.2472e+00	7.2447e+00	-7.0664e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	-1.5116e+01	5.2318e+01	-6.6918e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	-2.3033e+01	4.6831e+01	-5.2599e+01
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	1.3145e+01	-5.3959e+01	-4.9907e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	9.3759e+00	-6.1862e+01	-6.3922e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	-4.9598e+00	-1.8235e+01	-7.0178e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	-2.3886e+00	-1.3652e+01	-5.6156e+01
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	3.4272e+01	-1.0011e+02	-1.6751e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	3.4995e+01	-1.3792e+02	-3.7027e+01

	848	0.0000e+00	0.0000e+00	0.0000e+00	6.0573e+00	-8.7302e+01	-6.2502e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	2.2976e+01	-7.4277e+01	-4.2132e+01
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	4.4024e+01	-1.0372e+02	5.2062e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	5.5393e+01	-1.8199e+02	4.1135e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	3.0385e+01	-1.5301e+02	-1.6454e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	4.7231e+01	-1.1697e+02	-5.7314e+00
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	1.5097e+01	-2.4234e+01	1.0442e+02
	420	0.0000e+00	0.0000e+00	0.0000e+00	-1.9580e+01	-5.0223e+01	1.5226e+02
	846	0.0000e+00	0.0000e+00	0.0000e+00	5.4493e+01	-1.5928e+02	1.0342e+02
	838	0.0000e+00	0.0000e+00	0.0000e+00	3.7707e+01	-8.7863e+01	5.5590e+01
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	-2.9138e+01	4.4098e+01	2.9454e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	-4.0663e+01	7.8570e+01	6.0018e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	2.0132e+00	1.8920e+01	7.9193e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.0438e+01	1.5170e+01	4.8624e+01
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	-4.3675e+01	6.5699e+01	-3.7071e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	-4.3154e+01	9.5425e+01	8.8676e-01
	844	0.0000e+00	0.0000e+00	0.0000e+00	-4.1733e+01	9.1799e+01	3.2238e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	-3.7246e+01	5.7967e+01	2.8334e+01
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	-3.2730e+01	4.5510e+01	-2.7778e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	-2.6006e+01	5.8885e+01	-4.0704e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	-4.5413e+01	8.7526e+01	-2.0013e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-3.9281e+01	5.9647e+01	-7.1290e+00
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.1439e+01	5.3892e+00	-3.6349e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	-5.7855e+00	5.6216e+00	-5.3509e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	-2.7054e+01	4.1683e+01	-4.7847e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	-2.4527e+01	3.0594e+01	-3.0686e+01
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	9.8153e+00	-3.5325e+01	-2.8564e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.5056e+01	-4.8268e+01	-4.5428e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	-6.1221e+00	-1.3375e+01	-5.3067e+01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-3.2025e+00	-1.1045e+01	-3.6188e+01
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	2.4073e+01	-6.0919e+01	-3.9350e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	3.2598e+01	-8.9748e+01	-1.5692e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.4235e+01	-6.4434e+01	-3.7638e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	1.7829e+01	-4.9302e+01	-2.5371e+01
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	2.1858e+01	-5.4248e+01	3.2809e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	2.8714e+01	-8.8055e+01	3.7057e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	3.0805e+01	-9.5928e+01	5.2747e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	2.8297e+01	-6.5431e+01	2.1296e+00
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	-3.8910e+00	-6.3769e+00	5.3248e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	-1.3619e+01	-1.0412e+01	8.3002e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	2.8300e+01	-7.3185e+01	6.3898e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	1.4079e+01	-3.8972e+01	3.4159e+01
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.9624e+01	2.5195e+01	1.0486e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	-2.6332e+01	3.9096e+01	3.0247e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-9.2908e-01	9.2476e+00	3.7770e+01
	829	0.0000e+00	0.0000e+00	0.0000e+00	-5.4199e+00	8.1474e+00	1.7988e+01
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	-3.1605e+01	4.0331e+01	-3.7420e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	-3.4835e+01	5.5592e+01	2.9181e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-2.8140e+01	4.9309e+01	1.7672e+01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-2.5628e+01	3.4851e+01	1.1378e+01
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	-2.6752e+01	3.0235e+01	-1.4742e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	-2.5893e+01	3.8492e+01	-2.1749e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-3.5912e+01	5.3534e+01	-1.0110e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-3.0822e+01	3.8545e+01	-3.2074e+00
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.1701e+01	4.2406e+00	-1.8248e+01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-8.4149e+00	3.7866e+00	-3.1825e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	-2.5560e+01	2.8259e+01	-2.8218e+01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-2.1824e+01	2.0596e+01	-1.4641e+01
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	4.5179e+00	-2.3261e+01	-1.2903e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	9.5181e+00	-3.2461e+01	-2.6269e+01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-7.4037e+00	-8.8917e+00	-3.1459e+01
	825	0.0000e+00	0.0000e+00	0.0000e+00	-5.6346e+00	-7.6841e+00	-1.8060e+01
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	1.3251e+01	-3.8316e+01	2.0337e+00

	831	0.0000e+00	0.0000e+00	0.0000e+00	1.9474e+01	-5.4450e+01	-6.5093e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	9.9833e+00	-4.1940e+01	-1.9240e+01
	824	0.0000e+00	0.0000e+00	0.0000e+00	9.3804e+00	-3.2174e+01	-1.2606e+01
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	8.2280e+00	-3.0257e+01	1.6384e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	1.1812e+01	-4.5518e+01	2.2776e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	1.8707e+01	-5.5246e+01	7.1443e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	1.4122e+01	-3.8894e+01	1.9500e+00
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.1251e+01	1.7571e+00	2.4213e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.4448e+01	1.4776e+00	4.3438e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	1.0526e+01	-3.3924e+01	3.5171e+01
	822	0.0000e+00	0.0000e+00	0.0000e+00	2.9379e+00	-1.9296e+01	1.5979e+01
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.6586e+01	2.0726e+01	-5.8329e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.8803e+01	2.3879e+01	9.4282e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-2.2226e+00	5.9142e+00	1.0963e+01
	821	0.0000e+00	0.0000e+00	0.0000e+00	-3.0305e+00	5.9999e+00	-4.3432e+00
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.5834e+01	3.2838e+01	-5.8767e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-2.8010e+01	3.6761e+01	1.0337e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-2.1608e+01	3.1330e+01	3.7700e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	-2.0305e+01	2.8356e+01	-2.5501e+00
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.2359e+01	2.4906e+01	-5.1396e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-2.3294e+01	2.7149e+01	-9.6615e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-2.8593e+01	3.5971e+01	-6.6475e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.6147e+01	3.2161e+01	-2.1964e+00
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	-1.0725e+01	3.8697e+00	-3.7852e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-9.9999e+00	3.1807e+00	-1.4266e+01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-2.1952e+01	1.9959e+01	-1.3484e+01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.9846e+01	1.7730e+01	-2.9957e+00
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	2.9548e+00	-1.8503e+01	-1.8578e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	4.1627e+00	-2.2069e+01	-1.1841e+01
	825	0.0000e+00	0.0000e+00	0.0000e+00	-7.9444e+00	-6.0733e+00	-1.3917e+01
	817	0.0000e+00	0.0000e+00	0.0000e+00	-7.2476e+00	-5.4108e+00	-3.5734e+00
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	8.5976e+00	-3.0110e+01	2.1872e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	1.0544e+01	-3.5240e+01	-3.4574e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	5.5500e+00	-2.8604e+01	-7.4384e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	5.1683e+00	-2.5025e+01	-3.2840e+00
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	3.7492e+00	-2.2009e+01	3.5369e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	4.0430e+00	-2.6323e+01	9.2661e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	1.0176e+01	-3.4900e+01	4.6691e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	8.5561e+00	-2.9667e+01	-2.4064e+00
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.4158e+01	5.3231e+00	3.5806e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.5047e+01	4.1661e+00	1.8022e+01
	822	0.0000e+00	0.0000e+00	0.0000e+00	2.1471e+00	-1.7556e+01	1.5234e+01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-3.0239e+00	-1.3090e+01	1.6638e+00
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.7696e+01	2.7522e+01	-2.1404e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.6624e+01	2.1533e+01	-6.7826e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-3.6606e+00	6.1107e+00	-1.0205e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-1.5056e+00	6.9738e+00	-2.4842e+01
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.4148e+01	3.9635e+01	-7.7561e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.5953e+01	3.3810e+01	-2.8761e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	-2.0423e+01	2.8777e+01	-8.9170e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.9701e+01	3.5110e+01	-1.3852e+01
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.9268e+01	2.8441e+01	3.8426e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.2100e+01	2.5308e+01	-1.0824e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.5669e+01	3.2624e+01	-5.1556e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.4946e+01	3.8006e+01	-6.6537e-01
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	-8.7499e+00	4.8984e+00	9.1894e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-1.0513e+01	3.8666e+00	9.0404e-01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.9496e+01	1.8332e+01	-2.1249e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.8450e+01	2.0633e+01	7.5215e+00
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	4.6305e+00	-1.9659e+01	8.9221e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	3.1773e+00	-1.8468e+01	-1.3139e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-7.3871e+00	-4.7928e+00	8.8151e-01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-7.3351e+00	-4.7599e+00	9.4682e+00

1795	807	0.0000e+00	0.0000e+00	0.0000e+00	1.0301e+01	-3.3918e+01	3.1022e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	8.5301e+00	-2.9900e+01	-2.2556e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	5.3105e+00	-2.4774e+01	1.9029e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	5.4614e+00	-2.6746e+01	5.8911e+00
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	6.1314e+00	-2.6283e+01	-8.2408e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	4.3415e+00	-2.1712e+01	-3.4355e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	8.9023e+00	-2.9894e+01	2.1814e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	9.9572e+00	-3.4286e+01	-3.8688e+00
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.4096e+01	6.9356e+00	-1.6048e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.3599e+01	5.9571e+00	-2.1243e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-3.2550e+00	-1.3103e+01	1.5160e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	5.4141e+00	-1.7271e+01	-1.4461e+01
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	-2.0940e+01	4.7126e+01	-3.8339e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.8599e+01	3.1250e+01	-2.1165e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-6.7840e+00	9.5669e+00	-3.2174e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	1.9433e+00	1.5638e+01	-4.9349e+01
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	-2.0827e+01	5.7496e+01	-6.0800e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.7208e+01	4.5272e+01	-4.3270e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	-2.3298e+01	3.9315e+01	-2.0760e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-2.1189e+01	5.9881e+01	-2.2505e+01
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.3243e+01	3.6677e+01	1.3826e+01
	810	0.0000e+00	0.0000e+00	0.0000e+00	-2.0823e+01	3.1556e+01	7.1248e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.5100e+01	4.1353e+01	-2.6062e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	-2.2188e+01	5.5519e+01	4.1882e+00
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	-5.5793e+00	5.7757e+00	2.0464e+01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-9.1587e+00	5.2839e+00	1.1622e+01
	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.7289e+01	2.2708e+01	8.6361e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.3919e+01	2.8188e+01	1.7481e+01
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	6.5860e+00	-2.5568e+01	1.8666e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	4.9744e+00	-2.0949e+01	9.9326e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-6.0974e+00	-4.4364e+00	1.2082e+01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-5.8894e+00	-4.1678e+00	2.0835e+01
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	1.4301e+01	-4.9249e+01	7.2038e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	1.1835e+01	-3.6361e+01	1.4375e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	7.9675e+00	-2.9063e+01	9.3907e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	6.5066e+00	-3.3355e+01	1.5790e+01
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	1.3524e+01	-4.7718e+01	-1.6855e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	1.0336e+01	-2.9426e+01	-1.4722e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	1.3888e+01	-3.8869e+01	1.1695e+00
	799	0.0000e+00	0.0000e+00	0.0000e+00	1.3597e+01	-4.9965e+01	-2.2740e+00
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.2603e+01	2.8276e+00	-3.9409e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-8.7728e+00	5.6409e+00	-2.2479e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	6.6457e+00	-1.9703e+01	-1.3991e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	1.4067e+01	-3.3361e+01	-3.0896e+01
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.3929e+01	1.2125e+02	-5.0281e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-2.9744e+01	6.0092e+01	-2.9450e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-1.0776e+01	2.0963e+01	-5.7755e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	8.9621e+00	1.6229e+01	-7.8586e+01
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	2.9801e+00	9.8907e+01	7.2626e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	-2.8404e+01	6.9954e+01	-9.2640e-01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-2.3476e+01	6.6757e+01	-2.5379e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.7676e+01	8.7591e+01	-1.7883e+01
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	5.4207e+00	5.8104e+01	2.1657e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.4993e+01	4.0895e+01	1.6149e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.8024e+01	6.1096e+01	7.5804e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-3.7126e+00	6.1006e+01	1.3091e+01
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	4.8599e+00	1.7768e+01	2.5878e+01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-6.4930e+00	5.6779e+00	2.2418e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-9.4964e+00	3.1689e+01	2.0231e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	-2.9063e+00	2.3937e+01	2.3693e+01
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	5.5576e+00	-2.0129e+01	2.4857e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	5.5374e+00	-2.8078e+01	2.1315e+01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-4.1634e+00	-3.2200e+00	2.2952e+01

	789	0.0000e+00	0.0000e+00	0.0000e+00	-4.3290e+00	-1.4356e+01	2.6495e+01
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	9.2856e+00	-5.3982e+01	1.6111e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	1.3196e+01	-5.3671e+01	1.0427e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	9.9119e+00	-3.6643e+01	1.8377e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	-6.2772e+00	-5.2201e+01	2.4066e+01
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	2.2539e+01	-7.4566e+01	-1.2605e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	1.8903e+01	-5.3182e+01	-2.0024e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	2.2862e+01	-6.1225e+01	3.9632e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	-8.1284e+00	-8.7440e+01	1.1410e+01
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	-1.2975e+01	6.7247e+00	-6.7983e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	8.8681e+00	-2.6717e+00	-4.7015e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	2.3581e+01	-4.4144e+01	-2.2235e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	2.1297e+01	-1.0077e+02	-4.3194e+01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	8.5134e+01	-3.2466e+00	-1.6386e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-3.1610e+00	1.5693e+02	-5.5267e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-6.4807e+01	3.7560e+01	-1.3377e+02
	6	0.0000e+00	0.0000e+00	0.0000e+00	6.8715e+01	3.5422e+02	-9.4812e+01
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	5.4913e+01	-7.6858e+00	-7.3698e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	2.8212e+01	9.8098e+01	-1.1582e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.2834e+01	1.1306e+02	-2.6364e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	8.7035e+01	2.4844e+02	-2.2018e+01
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	2.9409e+01	-3.9213e+01	3.5469e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	2.5232e+01	5.1773e+01	4.7867e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	2.0579e+00	7.7977e+01	-1.9479e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	5.7225e+01	1.8006e+02	-3.5903e+00
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	7.7689e+00	-7.5501e+01	8.0755e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	1.7157e+01	9.9227e+00	1.0213e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	-4.1475e+00	3.5726e+01	8.0819e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	3.1989e+01	1.2535e+02	6.0002e+00
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.4847e+01	-1.1515e+02	8.6128e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	1.0284e+01	-3.0210e+01	1.0512e+01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-1.1128e+01	-5.3290e+00	1.0793e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	1.0385e+01	7.8922e+01	8.8010e+00
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-3.8027e+01	-1.5998e+02	5.2650e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	9.3145e+00	-6.8611e+01	5.0789e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-1.8262e+01	-4.5137e+01	8.3059e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.2874e+01	3.8803e+01	7.6077e+00
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-6.4346e+01	-2.1501e+02	-1.3907e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	2.3758e+01	-9.6574e+01	-1.7924e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-2.0142e+01	-8.6617e+01	-5.2740e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-3.6390e+01	6.3149e+00	-5.3599e+00
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-4.5275e+01	-3.0170e+02	-8.2103e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	6.4736e+01	-1.2179e+01	-1.2136e+02
	783	0.0000e+00	0.0000e+00	0.0000e+00	2.2638e+01	-1.3532e+02	-4.3954e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-6.3309e+01	5.2275e+00	-1.0118e+01
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	-2.2223e+01	6.4252e+02	7.9603e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	2.3248e+02	4.7396e+02	-5.1404e+01
	22	0.0000e+00	0.0000e+00	0.0000e+00	1.3611e+02	1.2772e+03	2.1994e+02
	773	0.0000e+00	0.0000e+00	0.0000e+00	-1.1817e+02	5.4125e+02	3.3692e+02
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	8.2931e+01	3.6803e+02	-1.3814e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	1.1965e+02	3.6382e+02	1.9363e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	1.5642e+02	5.0902e+02	2.3026e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	6.2097e+01	5.0180e+02	1.7438e+01
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	6.1103e+01	2.5831e+02	-1.4275e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	7.5180e+01	2.6287e+02	1.4366e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	9.8418e+01	3.4168e+02	1.7384e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	7.1328e+01	3.4563e+02	-1.6805e+01
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	3.4041e+01	1.7802e+02	-1.4998e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	3.9015e+01	1.8244e+02	7.8221e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	5.9139e+01	2.4229e+02	1.1456e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	4.7850e+01	2.4357e+02	-1.5484e+01
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	8.8450e+00	1.0718e+02	-1.8449e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	8.5114e+00	1.1258e+02	1.2536e+00

	779	0.0000e+00	0.0000e+00	0.0000e+00	2.5280e+01	1.6475e+02	5.7621e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	2.1489e+01	1.6415e+02	-1.6227e+01
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	-2.6132e+01	3.8794e+01	-2.6098e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-3.5104e+01	4.6033e+01	-6.3758e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.2893e+01	9.6376e+01	1.6685e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.0607e+01	9.4854e+01	-2.0846e+01
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	-5.9776e+01	-4.9307e+01	-3.9363e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-8.3795e+01	-3.1186e+01	-1.6181e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-5.1519e+01	3.0654e+01	-7.3034e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-4.0820e+01	2.9785e+01	-2.9791e+01
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	-9.5431e+01	-1.6676e+02	-5.9606e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.5672e+02	-1.3472e+02	-3.1890e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-1.0670e+02	-5.1389e+01	-1.7020e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-7.8444e+01	-5.5502e+01	-4.2736e+01
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	-9.6764e+01	-3.9059e+02	-7.7416e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-3.0901e+02	-3.5951e+02	-5.8456e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.9400e+02	-1.5374e+02	-3.1950e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-1.1700e+02	-1.8671e+02	-4.7463e+01
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	3.7826e+02	-2.0653e+02	6.5285e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	-4.0523e+02	-1.9672e+03	4.1674e+02
	774	0.0000e+00	0.0000e+00	0.0000e+00	-4.8860e+02	-2.1270e+02	-1.9072e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	1.7073e+02	-6.9477e+02	6.7348e+01
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	-2.8844e+01	3.9608e+02	8.0088e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	2.2859e+01	5.3136e+02	1.0333e+02
	773	0.0000e+00	0.0000e+00	0.0000e+00	4.3454e+01	4.6419e+02	2.2059e+02
	763	0.0000e+00	0.0000e+00	0.0000e+00	4.3635e+01	3.4173e+02	1.9688e+02
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	1.0381e+01	3.4706e+02	1.9140e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	5.6877e+01	3.7672e+02	-2.2009e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	1.0364e+01	4.6092e+02	3.6378e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	1.1269e+01	3.7865e+02	6.6230e+01
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	2.2107e+01	2.5592e+02	-2.0963e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	4.7515e+01	2.6531e+02	-2.6203e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	4.5481e+01	3.2934e+02	-1.8368e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.4532e+01	3.1657e+02	-1.5087e+01
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	2.0778e+01	1.7461e+02	-3.1846e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	2.9744e+01	1.8188e+02	-2.7404e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	3.7946e+01	2.3544e+02	-2.4324e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	2.0507e+01	2.3450e+02	-2.8786e+01
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	1.3014e+01	1.0173e+02	-3.9007e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	1.0876e+01	1.1014e+02	-3.1274e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	2.0456e+01	1.5814e+02	-2.7439e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.4861e+01	1.5804e+02	-3.5282e+01
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	1.0673e+01	3.3355e+01	-4.5790e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	-1.7308e+01	4.3013e+01	-3.9014e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-8.2576e+00	8.7863e+01	-3.2827e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	8.0340e+00	8.6886e+01	-3.9832e+01
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	1.9214e+01	-5.3971e+01	-5.0349e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-3.5236e+01	-4.0269e+01	-5.0504e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	-2.5651e+01	2.1826e+01	-4.2912e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	-1.1726e+01	2.2361e+01	-4.2939e+01
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	5.0345e+01	-1.3791e+02	-3.7245e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-4.2704e+01	-1.3984e+02	-5.8725e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-4.3435e+01	-7.8494e+01	-5.9511e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	2.5022e+01	-7.8697e+01	-3.7674e+01
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	7.8113e+01	-1.7957e+02	7.3325e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	1.1424e+02	-3.1124e+02	-7.3266e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	-5.1572e+01	-2.2300e+02	-7.9146e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	8.5541e+01	-1.8045e+02	-1.0373e+01
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	7.6508e+01	-5.9523e+01	2.0197e+02
	665	0.0000e+00	0.0000e+00	0.0000e+00	-7.1311e+01	-8.0853e+01	2.8979e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	1.0249e+02	-4.4342e+02	1.6211e+02
	754	0.0000e+00	0.0000e+00	0.0000e+00	1.0795e+02	-1.8406e+02	7.4650e+01
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	2.0456e+01	2.8560e+02	7.3290e+01

	762	0.0000e+00	0.0000e+00	0.0000e+00	1.8095e+01	3.5812e+02	1.0221e+02
	763	0.0000e+00	0.0000e+00	0.0000e+00	3.0566e+01	3.0214e+02	1.6041e+02
	753	0.0000e+00	0.0000e+00	0.0000e+00	6.7960e+01	2.4609e+02	1.3074e+02
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	1.7602e+01	2.8707e+02	2.4925e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.9160e+01	3.1979e+02	2.0608e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	1.6249e+01	3.5998e+02	6.2697e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	1.7984e+01	2.9303e+02	6.6467e+01
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	1.4145e+01	2.3377e+02	-2.2102e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	2.3042e+01	2.4948e+02	-2.7317e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.3211e+01	3.0487e+02	-1.3866e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	1.6744e+01	2.7082e+02	1.8208e+01
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	1.5267e+01	1.6623e+02	-3.5420e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	2.0302e+01	1.7491e+02	-3.9325e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.6770e+01	2.2651e+02	-3.0479e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	1.4062e+01	2.1436e+02	-2.7282e+01
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	1.7753e+01	9.8364e+01	-4.2488e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	1.5673e+01	1.0421e+02	-4.5179e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.4543e+01	1.5192e+02	-4.0807e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	1.3909e+01	1.4805e+02	-3.8347e+01
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	2.4036e+01	3.5367e+01	-4.3491e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	1.5639e+01	3.7256e+01	-4.8343e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	1.1053e+01	8.1723e+01	-4.6940e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	1.6662e+01	8.1095e+01	-4.2190e+01
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	3.7093e+01	-3.7848e+01	-3.3932e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	2.6019e+01	-4.7624e+01	-4.4664e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	1.3285e+01	2.1051e+01	-5.0417e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	2.6314e+01	2.2565e+01	-3.9352e+01
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	5.3507e+01	-8.1756e+01	1.4026e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	5.1001e+01	-1.2730e+02	-1.8365e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	2.4121e+01	-7.0200e+01	-4.3254e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	4.5313e+01	-5.7742e+01	-2.5549e+01
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	5.4716e+01	-8.2336e+01	6.8867e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	6.5780e+01	-1.6260e+02	6.3039e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	4.9135e+01	-1.3464e+02	1.3632e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	6.2027e+01	-9.6103e+01	1.7661e+01
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	2.4133e+01	-1.2905e+01	1.0794e+02
	654	0.0000e+00	0.0000e+00	0.0000e+00	-2.6085e+01	-3.0417e+01	1.5949e+02
	754	0.0000e+00	0.0000e+00	0.0000e+00	6.6718e+01	-1.3497e+02	1.2078e+02
	744	0.0000e+00	0.0000e+00	0.0000e+00	4.4513e+01	-6.6403e+01	6.9410e+01
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	3.7585e+01	2.2708e+02	5.2696e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	3.3588e+01	2.7018e+02	7.7531e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	4.0960e+01	2.2351e+02	1.0997e+02
	743	0.0000e+00	0.0000e+00	0.0000e+00	7.8658e+01	1.9295e+02	8.3590e+01
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	2.8124e+01	2.3988e+02	2.4706e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	2.2750e+01	2.6773e+02	2.7440e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	3.0743e+01	2.7803e+02	5.4855e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	3.3008e+01	2.3864e+02	4.8194e+01
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	2.3047e+01	2.0776e+02	-2.4948e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	1.9733e+01	2.2391e+02	-2.3816e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	1.9319e+01	2.6074e+02	-1.8087e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	2.7092e+01	2.3251e+02	2.2397e+01
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	2.0666e+01	1.5529e+02	-3.4231e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	1.8956e+01	1.6317e+02	-3.8285e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	1.6151e+01	2.0794e+02	-2.9257e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	2.1958e+01	1.9313e+02	-2.6637e+01
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	2.2989e+01	9.6776e+01	-3.8451e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	2.0792e+01	9.9016e+01	-4.4440e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	1.5172e+01	1.4407e+02	-4.1030e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	1.9932e+01	1.3837e+02	-3.5391e+01
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	3.0056e+01	4.2116e+01	-3.5813e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	2.7071e+01	3.8154e+01	-4.3150e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	1.7624e+01	7.9810e+01	-4.5229e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	2.3390e+01	7.9892e+01	-3.7743e+01

1858	736	0.0000e+00	0.0000e+00	0.0000e+00	3.8890e+01	-2.0893e+01	-2.4876e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	3.8179e+01	-3.3483e+01	-3.1697e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	2.4734e+01	2.4434e+01	-4.1395e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	3.2402e+01	2.8458e+01	-3.3129e+01
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	4.2922e+01	-4.1960e+01	1.8346e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	4.7405e+01	-7.2611e+01	-1.4096e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	3.6074e+01	-4.4891e+01	-2.4467e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	4.2222e+01	-3.0058e+01	-2.1322e+01
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	3.2133e+01	-3.6421e+01	4.1913e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	3.7874e+01	-6.8000e+01	5.1370e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	4.5181e+01	-7.4540e+01	2.5676e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	4.2668e+01	-4.5155e+01	1.8493e+01
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	6.4334e+00	6.1017e+00	5.5053e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	-1.2452e+01	9.4804e+00	8.7438e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	3.6321e+01	-5.4280e+01	7.3876e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	2.2567e+01	-2.3730e+01	4.1929e+01
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	5.0674e+01	1.9461e+02	3.5066e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	4.7488e+01	2.1837e+02	5.2505e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	5.8317e+01	1.7973e+02	6.9362e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	8.0377e+01	1.6061e+02	4.8048e+01
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	3.9514e+01	2.1051e+02	-2.6716e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	3.3779e+01	2.2851e+02	2.6250e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	4.3949e+01	2.2838e+02	3.8663e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	4.6704e+01	2.0617e+02	3.2549e+01
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	3.3308e+01	1.8894e+02	-3.0048e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	2.7735e+01	2.0027e+02	-2.6096e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	3.0428e+01	2.2521e+02	-2.2586e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	3.7856e+01	2.0743e+02	-2.6545e+01
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	2.9540e+01	1.4668e+02	-3.4207e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	2.4801e+01	1.5188e+02	-3.5350e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	2.4984e+01	1.8874e+02	-2.9934e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	3.1828e+01	1.7796e+02	-2.9979e+01
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	2.9174e+01	9.6572e+01	-3.5225e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	2.5832e+01	9.6496e+01	-3.9304e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	2.1993e+01	1.3647e+02	-3.7673e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	2.8375e+01	1.3206e+02	-3.3939e+01
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	3.2469e+01	4.9369e+01	-3.2113e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	3.0935e+01	4.4056e+01	-3.6478e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	2.3405e+01	8.0782e+01	-3.9170e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	2.8881e+01	8.1559e+01	-3.4383e+01
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	3.5835e+01	1.9807e+01	-2.5332e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	3.6735e+01	-1.9739e+01	-2.6652e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	2.8968e+01	3.2258e+01	-3.3539e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	3.3006e+01	3.7285e+01	-3.0726e+01
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	3.3537e+01	-2.2825e+01	-1.9560e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	3.6347e+01	-3.6227e+01	-1.7091e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	3.4623e+01	-2.3809e+01	-2.1463e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	3.5839e+01	1.8951e+01	-2.3665e+01
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	2.0825e+01	-1.8340e+01	2.1865e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	2.2466e+01	-2.8866e+01	3.0938e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	3.3602e+01	-3.6318e+01	2.1432e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	3.0687e+01	-2.2929e+01	-1.7633e+01
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	-6.6995e+00	1.2381e+01	2.3726e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-7.9810e+00	1.0365e+01	4.4938e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	1.9341e+01	-2.0586e+01	3.9859e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	1.4110e+01	-1.2085e+01	2.0260e+01
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	5.7570e+01	1.7934e+02	-3.0822e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	5.6335e+01	1.8795e+02	3.4537e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	7.4243e+01	1.5382e+02	3.8342e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	7.4256e+01	1.4151e+02	-2.8147e+01
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	4.7790e+01	1.9649e+02	-3.3817e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	4.3538e+01	2.0505e+02	-2.7954e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	5.2568e+01	1.9993e+02	2.8306e+01



	722	0.0000e+00	0.0000e+00	0.0000e+00	5.5358e+01	1.9037e+02	-3.0730e+01
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	4.2061e+01	1.7981e+02	-3.5776e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	3.6871e+01	1.8494e+02	-3.1312e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	4.0617e+01	2.0312e+02	-2.8826e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	4.6201e+01	1.9562e+02	-3.3148e+01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	3.7928e+01	1.4272e+02	-3.6441e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	3.2776e+01	1.4465e+02	-3.5347e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	3.4512e+01	1.7558e+02	-3.3448e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	4.0529e+01	1.7093e+02	-3.4951e+01
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	3.5785e+01	9.7533e+01	-3.5563e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	3.1529e+01	9.6363e+01	-3.6472e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	3.0444e+01	1.3151e+02	-3.6424e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	3.6465e+01	1.2987e+02	-3.5587e+01
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	3.5857e+01	5.4590e+01	-3.3110e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	3.3133e+01	5.0729e+01	-3.3904e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	2.9437e+01	8.2870e+01	-3.5875e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	3.4675e+01	8.4146e+01	-3.4683e+01
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	3.5727e+01	2.5687e+01	-2.9310e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	3.4418e+01	2.1559e+01	-2.8050e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	3.1315e+01	4.0315e+01	-3.1610e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	3.4979e+01	4.4075e+01	-3.2236e+01
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	3.1170e+01	-2.1577e+01	-2.4317e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	3.0225e+01	-2.1524e+01	-2.0871e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	3.2299e+01	1.9983e+01	-2.4774e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	3.4261e+01	2.2681e+01	-2.8373e+01
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	1.9825e+01	-1.9528e+01	-1.7850e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	1.7196e+01	-1.7025e+01	1.6999e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	2.7096e+01	-2.1810e+01	-1.9246e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	2.8209e+01	-2.1541e+01	-2.2887e+01
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.3191e+01	2.0201e+01	-1.0132e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-9.5401e+00	1.5645e+01	1.7410e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	1.3242e+01	-1.3834e+01	1.8301e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	1.6113e+01	1.7996e+01	-1.5535e+01
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	5.8088e+01	1.7890e+02	-4.1103e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	5.9132e+01	1.7291e+02	-3.1373e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	8.6707e+01	1.4027e+02	-2.7820e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	6.0636e+01	1.3351e+02	-3.8187e+01
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	5.1548e+01	1.9597e+02	-4.2572e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	4.9789e+01	1.9599e+02	-3.4734e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	5.5818e+01	1.8745e+02	-3.3369e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	5.8022e+01	1.8944e+02	-4.1621e+01
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	4.7440e+01	1.7976e+02	-4.0702e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	4.4234e+01	1.7915e+02	-3.6979e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	4.7806e+01	1.9405e+02	-3.6566e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	5.0551e+01	1.9588e+02	-4.0283e+01
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	4.3817e+01	1.4344e+02	-3.9722e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	4.0080e+01	1.4244e+02	-3.7844e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	4.2350e+01	1.7030e+02	-3.7986e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	4.6239e+01	1.7126e+02	-3.9726e+01
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	4.1302e+01	9.9660e+01	-3.8272e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	3.7540e+01	9.7750e+01	-3.7180e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	3.8113e+01	1.3017e+02	-3.7999e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	4.2463e+01	1.3105e+02	-3.8887e+01
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	4.0205e+01	5.7686e+01	-3.6199e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	3.6810e+01	5.5528e+01	-3.5102e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	3.5728e+01	8.5171e+01	-3.6512e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	3.9988e+01	8.6742e+01	-3.7381e+01
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	3.9363e+01	2.9064e+01	-3.3637e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	3.5950e+01	2.7407e+01	-3.1913e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	3.5292e+01	4.5473e+01	-3.3642e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	3.8885e+01	4.7619e+01	-3.5328e+01
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	3.5738e+01	-2.7103e+01	-3.0947e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	3.1310e+01	2.3157e+01	-2.7558e+01

	716	0.0000e+00	0.0000e+00	0.0000e+00	3.4279e+01	2.4424e+01	-2.9673e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	3.7703e+01	2.6960e+01	-3.3095e+01
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	2.6830e+01	-2.8081e+01	-2.9389e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	2.0532e+01	2.1705e+01	-2.1475e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	2.8413e+01	-2.3923e+01	-2.4573e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	3.3526e+01	-2.8426e+01	-3.1472e+01
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	-2.1969e+01	2.9583e+01	-2.7808e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.4401e+01	2.3097e+01	-1.3350e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	1.6594e+01	2.1010e+01	-1.8254e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	2.4802e+01	2.7370e+01	-3.0708e+01
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	5.2658e+01	1.9542e+02	-5.5281e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	5.5754e+01	1.7246e+02	-4.0730e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	9.4146e+01	1.3813e+02	-4.6164e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	4.4828e+01	1.3909e+02	-6.2867e+01
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	4.9517e+01	2.0659e+02	-4.8383e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	5.1916e+01	2.0057e+02	-4.2550e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	5.4045e+01	1.8946e+02	-4.6822e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	5.4226e+01	2.0607e+02	-5.3383e+01
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	4.6930e+01	1.8537e+02	-4.3829e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	4.8173e+01	1.8185e+02	-4.1648e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	5.0974e+01	1.9665e+02	-4.3352e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	4.9249e+01	2.0697e+02	-4.5133e+01
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	4.4577e+01	1.4638e+02	-4.2693e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	4.4660e+01	1.4432e+02	-4.1049e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	4.6721e+01	1.7207e+02	-4.2038e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	4.6339e+01	1.7706e+02	-4.3301e+01
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	4.3126e+01	1.0201e+02	-4.0954e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	4.2119e+01	1.0002e+02	-3.9645e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	4.3050e+01	1.3209e+02	-4.0971e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	4.3806e+01	1.3501e+02	-4.2015e+01
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	4.2909e+01	5.9335e+01	-3.8488e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	4.0933e+01	5.8195e+01	-3.7581e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	4.0636e+01	8.7656e+01	-3.9178e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	4.2364e+01	9.0312e+01	-3.9929e+01
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	4.3872e+01	3.0332e+01	-3.5779e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	4.0420e+01	3.0578e+01	-3.5380e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	3.9894e+01	4.7738e+01	-3.6706e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	4.2202e+01	5.0112e+01	-3.7291e+01
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	4.4799e+01	-3.6921e+01	-3.4810e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	3.8121e+01	-3.0016e+01	-3.4329e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	3.9824e+01	2.7588e+01	-3.3966e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	4.3138e+01	3.0295e+01	-3.4999e+01
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	4.0589e+01	-4.4333e+01	-4.2253e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	3.0539e+01	-3.1843e+01	-3.6118e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	3.6469e+01	-3.2234e+01	-3.2118e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	4.4032e+01	-3.9512e+01	-3.7628e+01
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	-3.6755e+01	4.0154e+01	-5.3062e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	2.2934e+01	3.2809e+01	-3.4709e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	2.6172e+01	3.1337e+01	-3.3357e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	4.0393e+01	-4.1495e+01	-5.0404e+01
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	4.0487e+01	2.4754e+02	-6.2511e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	4.9448e+01	1.9314e+02	-4.9298e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	9.2764e+01	1.5091e+02	-7.5257e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	-5.0246e+01	1.6631e+02	-9.0154e+01
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	3.6400e+01	2.3566e+02	-4.7672e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	4.9232e+01	2.1701e+02	-4.6836e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	4.8388e+01	2.0841e+02	-5.6528e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	4.2007e+01	2.2963e+02	-5.6135e+01
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	3.5646e+01	2.0182e+02	-4.4969e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	4.5733e+01	1.8890e+02	-4.4224e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	4.7352e+01	2.0911e+02	-4.6278e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	3.6924e+01	2.1128e+02	-4.6380e+01
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	3.5939e+01	1.5867e+02	-4.3565e+01

	699	0.0000e+00	0.0000e+00	0.0000e+00	4.3317e+01	1.4757e+02	-4.3231e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	4.4274e+01	1.7847e+02	-4.4831e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	3.5865e+01	1.7390e+02	-4.5008e+01
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	3.7613e+01	1.1381e+02	-4.0727e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	4.2049e+01	1.0247e+02	-4.1207e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	4.2268e+01	1.3624e+02	-4.3511e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	3.6275e+01	1.3037e+02	-4.2949e+01
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	4.1038e+01	7.0536e+01	-3.6876e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	4.2226e+01	5.9842e+01	-3.8364e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	4.1554e+01	9.1213e+01	-4.1055e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	3.8352e+01	8.5813e+01	-3.9493e+01
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	4.6724e+01	3.6508e+01	-3.2698e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	4.4154e+01	3.2493e+01	-3.5407e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	4.2596e+01	4.9785e+01	-3.7861e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	4.2408e+01	4.6455e+01	-3.5139e+01
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	5.5390e+01	-3.9321e+01	-3.0191e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	4.7265e+01	-4.1526e+01	-3.4739e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	4.5940e+01	3.0200e+01	-3.4718e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	4.8798e+01	-3.8640e+01	-3.0741e+01
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	6.4057e+01	-6.1046e+01	-4.3269e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	4.7582e+01	-5.0518e+01	-4.7947e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	5.0946e+01	-4.6820e+01	-3.4743e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	5.7747e+01	-7.0898e+01	-3.0955e+01
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	6.8851e+01	5.5294e+01	-8.3602e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	3.9853e+01	4.5521e+01	-6.1377e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	4.4571e+01	-5.0141e+01	-4.6232e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	6.8786e+01	-9.2410e+01	-6.6767e+01
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	2.7729e+01	1.7844e+02	-5.0682e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-3.7038e+01	2.5695e+02	-6.1334e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	6.6240e+01	1.9234e+02	-1.2338e+02
	11	0.0000e+00	0.0000e+00	0.0000e+00	-6.5667e+01	4.2072e+02	-1.0093e+02
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	1.7297e+01	1.5564e+02	-4.7817e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	2.8653e+01	2.3881e+02	-5.0692e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-4.5124e+01	2.4273e+02	-5.9851e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	3.2235e+01	3.6235e+02	-5.4935e+01
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	9.7272e+00	1.1779e+02	-4.3979e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	3.0837e+01	1.9716e+02	-4.6774e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	3.2258e+01	2.2079e+02	-4.9153e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	2.0248e+01	3.1757e+02	-4.6083e+01
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	1.2508e+01	7.6875e+01	-4.0538e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	3.1966e+01	1.5371e+02	-4.5545e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	3.0338e+01	1.8054e+02	-4.7799e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	1.3124e+01	2.7490e+02	-4.2750e+01
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	-2.2057e+01	4.9103e+01	-3.6475e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	3.4224e+01	1.0906e+02	-4.2890e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	-3.2317e+01	1.3622e+02	-4.5927e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	1.4770e+01	2.3152e+02	-3.9521e+01
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	-3.4964e+01	-6.2875e+01	-3.1723e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	3.8522e+01	6.6110e+01	-3.8806e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-3.7173e+01	9.1630e+01	-4.2535e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	2.3525e+01	1.8755e+02	-3.5435e+01
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	-5.2706e+01	-1.0516e+02	-2.7304e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	4.6007e+01	3.6775e+01	-3.4401e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	-4.4961e+01	5.1017e+01	-3.8209e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-3.6441e+01	1.4395e+02	-3.0761e+01
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	-7.8907e+01	-1.5804e+02	-2.6937e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	5.8461e+01	-5.3188e+01	-3.2974e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	-5.6249e+01	3.4871e+01	-3.4919e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-5.5112e+01	1.0222e+02	-2.7180e+01
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	-1.1943e+02	-2.2349e+02	-3.9732e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	8.2197e+01	-8.5050e+01	-4.7323e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	-7.1667e+01	-6.7001e+01	-3.9550e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-8.3385e+01	6.6696e+01	-2.9173e+01

1921	10	0.0000e+00	0.0000e+00	0.0000e+00	-2.1196e+02	-3.2734e+02	-1.0357e+02
	577	0.0000e+00	0.0000e+00	0.0000e+00	7.5836e+01	6.7265e+01	-1.3806e+02
	675	0.0000e+00	0.0000e+00	0.0000e+00	9.4892e+01	-1.1966e+02	-6.8312e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-1.2913e+02	5.4270e+01	-3.9120e+01
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	-1.0599e+02	7.5093e+02	6.4879e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	4.7683e+02	9.6391e+01	-1.4480e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	5.8327e+02	2.0556e+03	4.3701e+02
	665	0.0000e+00	0.0000e+00	0.0000e+00	-3.9761e+02	2.9043e+02	6.2052e+02
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	1.4101e+02	1.7828e+02	-6.4065e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	2.0967e+02	1.7510e+02	-2.6256e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	2.8970e+02	3.7542e+02	-4.1161e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	1.7916e+02	3.9924e+02	-7.8626e+01
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	8.7522e+01	8.5630e+01	-4.9581e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	1.0969e+02	8.3187e+01	-1.5545e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	1.6787e+02	1.5678e+02	-2.7506e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	1.1312e+02	1.7814e+02	-6.2182e+01
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	4.5141e+01	3.8002e+01	-4.0413e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	5.1934e+01	3.8212e+01	-1.2683e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	8.7690e+01	7.5548e+01	-1.8454e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	6.8082e+01	8.5154e+01	-4.5397e+01
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	1.6188e+01	6.2791e+00	-3.7853e+01
	670	0.0000e+00	0.0000e+00	0.0000e+00	1.5144e+01	7.8942e+00	-1.3721e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	3.7584e+01	3.3657e+01	-1.4776e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	3.1832e+01	3.7155e+01	-3.8394e+01
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	-3.0954e+01	-2.9020e+01	-4.1517e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	-3.8977e+01	-2.2732e+01	-1.6563e+01
	670	0.0000e+00	0.0000e+00	0.0000e+00	-1.5365e+01	4.2739e+00	-1.3612e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.5883e+01	5.4628e+00	-3.8542e+01
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	-6.8200e+01	-8.1690e+01	-5.2939e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-9.3073e+01	-6.8016e+01	-2.2193e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	-5.4093e+01	-2.7979e+01	-1.3872e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-4.5066e+01	-3.0043e+01	-4.4929e+01
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	-1.1378e+02	-1.8454e+02	-7.5465e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.7993e+02	-1.5636e+02	-3.4024e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-1.1657e+02	-7.7669e+01	-1.7015e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-8.9056e+01	-8.2696e+01	-5.8429e+01
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	-1.6430e+02	-4.2413e+02	-9.8077e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-3.1547e+02	-3.9066e+02	-5.0176e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-2.2413e+02	-1.7979e+02	-2.8685e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-1.4187e+02	-1.8778e+02	-7.6714e+01
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	4.0277e+02	-3.0171e+02	6.3696e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	-5.0545e+02	-2.1357e+03	4.2118e+02
	666	0.0000e+00	0.0000e+00	0.0000e+00	-5.0574e+02	-1.1528e+02	-1.7347e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	-7.3414e+01	-7.9035e+02	5.3633e+01
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	-1.2003e+02	2.4126e+02	4.4620e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-6.4270e+01	5.4297e+02	1.2023e+02
	665	0.0000e+00	0.0000e+00	0.0000e+00	7.4947e+01	1.2805e+02	2.7388e+02
	654	0.0000e+00	0.0000e+00	0.0000e+00	-4.4678e+01	1.2196e+02	1.9797e+02
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	-5.9015e+01	2.0366e+02	-2.6881e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	7.3699e+01	2.2781e+02	-9.3953e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-8.3473e+01	3.1506e+02	-3.4135e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-6.4620e+01	2.2013e+02	3.5714e+01
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	2.5558e+01	1.0611e+02	-5.2538e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	5.8410e+01	1.0487e+02	-6.4401e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	6.3065e+01	1.5578e+02	-6.8951e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-3.2521e+01	1.6372e+02	-5.7289e+01
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	2.2339e+01	4.6499e+01	-5.6488e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	3.4987e+01	4.6620e+01	-5.1106e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	5.0259e+01	7.6954e+01	-5.7529e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	2.3537e+01	8.9850e+01	-6.2895e+01
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	1.6300e+01	7.2769e+00	-5.7679e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	1.6196e+01	1.0654e+01	-4.8068e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	2.8140e+01	3.2329e+01	-4.9380e+01

	650	0.0000e+00	0.0000e+00	0.0000e+00	1.8657e+01	3.9541e+01	-5.8961e+01
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.4968e+01	-3.5641e+01	-6.2775e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-2.5379e+01	-2.4960e+01	-5.3212e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.5379e+01	-4.3019e+00	-4.8562e+01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-1.4966e+01	4.8745e+00	-5.8125e+01
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	-1.6854e+01	-9.0548e+01	-7.0970e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-4.6834e+01	-7.3718e+01	-6.5999e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-3.2136e+01	-4.0410e+01	-5.6061e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.7043e+01	-4.3306e+01	-6.1038e+01
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	3.2087e+01	-1.7235e+02	-6.8387e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-5.5651e+01	-1.6138e+02	-8.2110e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-5.5162e+01	-1.0458e+02	-7.4515e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	-1.8247e+01	-1.0873e+02	-6.0721e+01
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	7.1696e+01	-2.3578e+02	2.7222e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	8.4907e+01	-3.3735e+02	-4.6481e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-6.7308e+01	-2.3915e+02	-1.0910e+02
	646	0.0000e+00	0.0000e+00	0.0000e+00	6.5006e+01	-2.1659e+02	-3.6686e+01
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	5.0703e+01	-1.3552e+02	1.9436e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	-5.7304e+01	-1.3958e+02	2.7297e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	5.3644e+01	-5.6844e+02	1.1481e+02
	645	0.0000e+00	0.0000e+00	0.0000e+00	1.3239e+02	-2.5746e+02	3.6378e+01
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	-5.2551e+01	1.1069e+02	5.5169e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-6.1841e+01	1.8524e+02	1.0108e+02
	654	0.0000e+00	0.0000e+00	0.0000e+00	2.6519e+01	8.2718e+01	1.5220e+02
	643	0.0000e+00	0.0000e+00	0.0000e+00	-2.6581e+01	5.4252e+01	1.0634e+02
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	-5.9590e+01	1.3542e+02	-7.9293e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	-3.8706e+01	1.6704e+02	-1.9914e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-6.2068e+01	2.0267e+02	3.8257e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-5.8054e+01	1.2408e+02	5.1471e+01
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	-3.5687e+01	9.5301e+01	-3.8580e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-2.1805e+01	1.0404e+02	-5.8876e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-4.1439e+01	1.5111e+02	-3.7785e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	-4.6142e+01	1.1736e+02	-1.8476e+01
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.7561e+01	4.7624e+01	-5.1031e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	-1.7896e+01	5.0924e+01	-6.1941e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-2.1173e+01	8.2238e+01	-5.8223e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	-2.7204e+01	7.7900e+01	-4.7404e+01
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	1.3761e+01	7.3276e+00	-5.5671e+01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-1.5401e+01	1.0974e+01	-6.1564e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	-1.6745e+01	3.4038e+01	-6.0569e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.5454e+01	3.5813e+01	-5.4700e+01
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	2.0715e+01	-3.5561e+01	-5.7691e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	1.4988e+01	-3.0929e+01	-6.4064e+01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-1.4689e+01	-7.5172e+00	-6.2224e+01
	638	0.0000e+00	0.0000e+00	0.0000e+00	1.3932e+01	-6.2117e+00	-5.5855e+01
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	3.6188e+01	-8.1425e+01	-5.3045e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	2.1030e+01	-8.3379e+01	-6.5498e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.4658e+01	-4.8980e+01	-6.6756e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	2.3613e+01	-4.8306e+01	-5.4284e+01
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	5.8856e+01	-1.2635e+02	-2.4300e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	4.8158e+01	-1.5970e+02	-4.7146e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	1.9626e+01	-1.0747e+02	-6.7252e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	4.6151e+01	-1.0077e+02	-4.4201e+01
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	7.3976e+01	-1.3760e+02	4.4800e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	7.3065e+01	-2.1768e+02	2.9548e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	4.3963e+01	-1.7827e+02	-2.7751e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	7.4055e+01	-1.4662e+02	-1.2344e+01
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	4.2222e+01	-6.8404e+01	9.9799e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	-1.7970e+01	-9.5128e+01	1.4646e+02
	645	0.0000e+00	0.0000e+00	0.0000e+00	7.2365e+01	-2.0026e+02	9.5056e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	6.8792e+01	-1.2438e+02	4.8394e+01
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	-3.6180e+01	6.0845e+01	3.4607e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-4.4937e+01	9.5028e+01	6.3957e+01

	643	0.0000e+00	0.0000e+00	0.0000e+00	-1.2214e+01	3.8392e+01	8.3847e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.6140e+01	3.2061e+01	5.4606e+01
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	-4.9911e+01	8.5551e+01	6.1335e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	-4.6811e+01	1.1385e+02	9.1742e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	-4.5530e+01	1.0835e+02	3.6939e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-4.3818e+01	7.4888e+01	3.3445e+01
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	-3.9198e+01	7.2188e+01	-2.3086e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	-3.1238e+01	8.5708e+01	-3.5124e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	-4.8257e+01	1.0744e+02	-1.6055e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-4.5415e+01	8.0901e+01	-7.3414e+00
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.9871e+01	4.1160e+01	-3.5117e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.6648e+01	4.6547e+01	-4.9978e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	-3.0927e+01	7.1886e+01	-4.1792e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-3.2072e+01	6.0454e+01	-2.7145e+01
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	1.0043e+01	6.0892e+00	-3.9720e+01
	638	0.0000e+00	0.0000e+00	0.0000e+00	1.2702e+01	8.8577e+00	-5.3964e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.5466e+01	3.1662e+01	-5.1486e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.4746e+01	2.8766e+01	-3.7310e+01
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	2.6728e+01	-3.0997e+01	-3.8975e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	2.3674e+01	-3.2033e+01	-5.3808e+01
	638	0.0000e+00	0.0000e+00	0.0000e+00	1.3300e+01	-8.4007e+00	-5.4522e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	1.3124e+01	-7.3472e+00	-3.9708e+01
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	4.7053e+01	-6.5768e+01	-2.9958e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	4.2832e+01	-7.5832e+01	-4.6487e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	2.5038e+01	-4.7916e+01	-5.3300e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	3.2941e+01	-4.4289e+01	-3.6747e+01
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	6.3233e+01	-9.0545e+01	-7.3520e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	6.3395e+01	-1.1651e+02	-2.1222e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	4.3172e+01	-9.1379e+01	-4.0272e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	5.5090e+01	-7.9072e+01	-2.5890e+01
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	6.4315e+01	-8.8401e+01	2.8371e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	6.2848e+01	-1.2145e+02	3.0064e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	6.2049e+01	-1.2472e+02	-4.2465e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	6.8631e+01	-9.6772e+01	-3.9489e+00
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	3.8221e+01	-4.7446e+01	4.8657e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	2.5203e+01	-5.2140e+01	7.7054e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	6.2566e+01	-1.0902e+02	5.7838e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	5.7139e+01	-7.5078e+01	2.9441e+01
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	-2.9101e+01	4.2162e+01	1.5573e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-3.4053e+01	5.5434e+01	3.5632e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.0243e+01	2.5977e+01	4.3220e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.4145e+01	2.5375e+01	2.3507e+01
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	-4.0836e+01	6.0594e+01	5.0455e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	-4.2554e+01	7.5227e+01	1.0241e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-3.5731e+01	6.6363e+01	2.3246e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-3.4928e+01	5.2451e+01	1.6868e+01
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	-3.5222e+01	5.5706e+01	-1.0882e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-3.3929e+01	6.4941e+01	-1.7446e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-4.3001e+01	7.4567e+01	-7.6804e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	-3.9904e+01	6.0139e+01	6.3656e+00
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.8451e+01	3.4191e+01	-1.6589e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.7370e+01	3.8455e+01	-3.0318e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-3.2333e+01	5.6490e+01	-2.4264e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-3.0503e+01	4.7867e+01	-1.1224e+01
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	7.3728e+00	4.8919e+00	-1.8498e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	9.4488e+00	6.1413e+00	-3.5009e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.4562e+01	2.6406e+01	-3.3067e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.2950e+01	2.3050e+01	-1.6781e+01
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	2.7961e+01	-2.6550e+01	-1.6907e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	2.8169e+01	-2.9025e+01	-3.4032e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	1.1900e+01	-7.9071e+00	-3.5379e+01
	616	0.0000e+00	0.0000e+00	0.0000e+00	1.2276e+01	-7.6119e+00	-1.8323e+01
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	4.7768e+01	-5.4170e+01	-1.0864e+01

	625	0.0000e+00	0.0000e+00	0.0000e+00	4.8564e+01	-6.2100e+01	-2.6258e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	3.1423e+01	-4.1929e+01	-3.1911e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	3.4145e+01	-3.8525e+01	-1.6440e+01
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	5.9718e+01	-7.0442e+01	2.8889e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	6.1865e+01	-8.4330e+01	-8.6660e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	5.0554e+01	-7.2001e+01	-1.9565e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	5.3074e+01	-6.3426e+01	-1.0616e+01
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	5.7395e+01	-6.6414e+01	1.4270e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	5.7076e+01	-7.9796e+01	1.8610e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	6.1938e+01	-8.6566e+01	5.4538e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	6.1258e+01	-7.2403e+01	-2.3864e+00
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	3.8279e+01	-4.0367e+01	1.9460e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	3.2972e+01	-4.1108e+01	3.7803e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	5.6004e+01	-6.9987e+01	3.1063e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	5.2080e+01	-5.7085e+01	1.2724e+01
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.8328e+01	4.0078e+01	-2.6468e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	-2.8843e+01	4.1293e+01	1.4689e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.2756e+01	2.4300e+01	1.6159e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.6197e+01	2.7843e+01	-6.8970e+00
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	-3.6918e+01	5.4161e+01	3.5264e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	-3.8062e+01	5.7172e+01	7.5890e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	-3.1571e+01	4.9361e+01	9.1671e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	-3.1622e+01	4.7969e+01	3.2599e+00
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	-3.2017e+01	5.0099e+01	5.3425e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	-3.2534e+01	5.2573e+01	-6.4593e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	-3.8054e+01	5.7474e+01	5.2507e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	-3.6780e+01	5.4444e+01	6.6048e+00
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.7451e+01	3.1360e+01	5.1819e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.6881e+01	3.2506e+01	-1.0930e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-2.9984e+01	4.6203e+01	-9.8804e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	-2.8937e+01	4.3678e+01	7.1308e+00
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	8.6275e+00	5.1718e+00	4.4666e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	7.7059e+00	4.5800e+00	-1.2961e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.2995e+01	2.2298e+01	-1.2876e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.3210e+01	2.1077e+01	5.9452e+00
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	2.7056e+01	-2.4706e+01	4.6598e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	2.8223e+01	-2.5972e+01	-1.2253e+01
	616	0.0000e+00	0.0000e+00	0.0000e+00	1.1506e+01	-7.4033e+00	-1.3123e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	1.2331e+01	-7.8233e+00	4.5045e+00
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	4.5044e+01	-5.0134e+01	5.8089e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	4.7309e+01	-5.2675e+01	-8.7281e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	3.2572e+01	-3.6949e+01	-1.0510e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	3.1870e+01	-3.5820e+01	3.7554e+00
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	5.5224e+01	-6.5010e+01	6.1189e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	5.7833e+01	-6.7908e+01	-2.9981e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	5.0389e+01	-6.0414e+01	-4.6605e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	4.8421e+01	-5.8004e+01	3.4484e+00
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	5.2419e+01	-6.1997e+01	3.5958e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	5.3977e+01	-6.3332e+01	7.2985e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	5.8572e+01	-6.9156e+01	5.4677e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	5.5622e+01	-6.6314e+01	2.3884e+00
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	3.6512e+01	-4.0346e+01	-2.0850e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	3.6710e+01	-3.8557e+01	1.2282e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	5.1982e+01	-5.6223e+01	1.2519e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	4.9211e+01	-5.4835e+01	-1.7861e+00
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	-3.3333e+01	5.1088e+01	-1.7762e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.8997e+01	4.2310e+01	-3.4235e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.7575e+01	3.0107e+01	-1.1092e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-2.2448e+01	3.6671e+01	-2.4525e+01
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	-3.8145e+01	6.3201e+01	-2.8452e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	-3.7683e+01	5.5816e+01	4.8453e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	-3.2597e+01	4.9358e+01	-4.0905e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	-3.4190e+01	5.8117e+01	-8.8903e+00

1984	596	0.0000e+00	0.0000e+00	0.0000e+00	-3.1615e+01	5.4995e+01	1.3331e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-3.2480e+01	5.0837e+01	8.5149e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	-3.6895e+01	5.5349e+01	4.6439e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	-3.7905e+01	6.2105e+01	8.1172e+00
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.9440e+01	3.3522e+01	2.0569e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.8129e+01	3.1325e+01	9.3975e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	-2.8990e+01	4.4383e+01	7.6633e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.9673e+01	4.7513e+01	1.8114e+01
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	1.3424e+01	6.7793e+00	2.3475e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	9.8433e+00	4.9918e+00	9.2057e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.4138e+01	2.1728e+01	8.7602e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.6969e+01	2.2631e+01	2.2616e+01
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	2.5105e+01	-2.5398e+01	2.3583e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	2.6547e+01	-2.5386e+01	8.7780e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	1.2839e+01	-7.3630e+00	9.0376e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	1.4614e+01	-8.4250e+00	2.3694e+01
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	4.0006e+01	-5.3181e+01	2.0263e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	4.3740e+01	-5.0933e+01	7.5899e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	3.1233e+01	-3.5653e+01	9.2152e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	2.7867e+01	-3.7142e+01	2.1976e+01
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	4.9894e+01	-7.2275e+01	1.1104e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	5.3840e+01	-6.6063e+01	4.3321e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	4.7764e+01	-5.8704e+01	8.6529e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	4.1723e+01	-6.2263e+01	1.5823e+01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	4.7706e+01	-7.2099e+01	-5.8337e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	5.1879e+01	-6.3452e+01	-3.2200e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	5.5491e+01	-6.8100e+01	5.5685e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	4.9672e+01	-7.5236e+01	3.3124e+00
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	3.1710e+01	-4.6062e+01	-2.1745e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	3.6919e+01	-4.1817e+01	-8.1891e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	4.9078e+01	-5.6873e+01	-1.8269e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	4.6037e+01	-6.5627e+01	-1.5225e+01
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	-4.5713e+01	7.5595e+01	-3.4746e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-3.5037e+01	5.6784e+01	-1.7545e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-2.6293e+01	4.1859e+01	-3.2429e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	3.5521e+01	5.3900e+01	-4.9243e+01
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	-4.2879e+01	8.4120e+01	1.6944e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	-4.2120e+01	6.9966e+01	3.2402e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	-3.9421e+01	6.3698e+01	-1.5930e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-4.3593e+01	8.6775e+01	-1.7375e+01
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	-3.2878e+01	6.5743e+01	2.4806e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-3.4372e+01	5.8864e+01	1.7306e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-3.9510e+01	6.6425e+01	6.2509e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	-4.1948e+01	8.2430e+01	1.3186e+01
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	-2.3897e+01	3.7518e+01	3.4664e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-2.1539e+01	3.4432e+01	2.4461e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-3.0245e+01	5.0588e+01	1.9506e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-3.1434e+01	5.7588e+01	2.9587e+01
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	1.9636e+01	7.5746e+00	3.8158e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	1.5196e+01	6.2517e+00	2.7163e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.8587e+01	2.4715e+01	2.5479e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-2.2497e+01	2.7106e+01	3.6420e+01
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	2.2542e+01	-2.8504e+01	3.7845e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	2.4208e+01	-2.7479e+01	2.6777e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	1.6033e+01	-7.4423e+00	2.7172e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	1.9226e+01	-7.9178e+00	3.8219e+01
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	3.0434e+01	-6.1751e+01	3.2697e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	3.7574e+01	-5.6386e+01	2.2211e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	2.7505e+01	-3.7670e+01	2.5750e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	2.2934e+01	-3.9569e+01	3.6253e+01
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	3.9653e+01	-9.1401e+01	1.8204e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	4.7962e+01	-7.6889e+01	1.0031e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	4.1751e+01	-6.5777e+01	1.9880e+01



	581	0.0000e+00	0.0000e+00	0.0000e+00	3.0485e+01	-7.1353e+01	2.8219e+01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	4.1047e+01	-1.0144e+02	-1.1592e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	4.9260e+01	-7.8087e+01	-1.1974e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	5.1156e+01	-8.2070e+01	6.8010e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	3.8819e+01	-9.5078e+01	7.2781e+00
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	2.5642e+01	-6.2341e+01	-4.5489e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	3.4707e+01	-5.1245e+01	-2.9563e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	4.5877e+01	-7.1499e+01	-1.4076e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	4.0979e+01	-9.1349e+01	-3.0013e+01
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	-6.8856e+01	1.5397e+02	-4.5667e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-5.3869e+01	9.0285e+01	-2.5728e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	-4.2029e+01	6.2525e+01	-5.8544e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	6.5700e+01	6.7466e+01	-7.8394e+01
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	5.0410e+01	1.2922e+02	1.8565e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-5.1490e+01	9.8016e+01	8.2303e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	-5.1769e+01	9.5337e+01	-2.0169e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	-6.2712e+01	1.1781e+02	-1.2862e+01
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	3.8479e+01	8.9808e+01	3.5315e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-3.6478e+01	7.1019e+01	2.7798e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-4.2277e+01	8.9283e+01	1.7230e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	4.6953e+01	9.1185e+01	2.4990e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	3.0440e+01	5.1802e+01	4.1446e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-2.6221e+01	3.8266e+01	3.6936e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-3.1467e+01	6.2334e+01	3.3109e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	3.5309e+01	5.6311e+01	3.7710e+01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	2.5690e+01	1.5945e+01	4.3609e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	2.1279e+01	6.3654e+00	4.0367e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	2.3944e+01	3.0121e+01	3.9092e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	2.8330e+01	2.1212e+01	4.2372e+01
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	2.4147e+01	-2.1199e+01	4.3071e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	2.1527e+01	-3.1603e+01	4.0283e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	2.1073e+01	-6.4359e+00	4.0434e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	2.4895e+01	-1.5671e+01	4.3227e+01
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	2.5778e+01	-5.8278e+01	3.8903e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	2.6086e+01	-6.6776e+01	3.5853e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	2.3333e+01	-3.9903e+01	3.8267e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-2.4856e+01	-5.3096e+01	4.1312e+01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	3.0265e+01	-9.6810e+01	2.7055e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	3.3925e+01	-9.8815e+01	2.2218e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	3.0582e+01	-7.5928e+01	3.0593e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-2.7966e+01	-9.4598e+01	3.5486e+01
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	3.6843e+01	-1.2894e+02	-5.3680e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	4.0462e+01	-1.1097e+02	-1.3073e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	4.3376e+01	-1.0833e+02	1.2487e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-3.3143e+01	-1.4011e+02	1.9889e+01
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	-4.2581e+01	-7.4856e+01	-7.4610e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	3.0514e+01	-7.2356e+01	-5.5174e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	4.7227e+01	-1.0755e+02	-1.9956e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	3.9632e+01	-1.7529e+02	-3.9375e+01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	1.2412e+02	3.7468e+01	-5.0703e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	9.4456e+01	1.8976e+02	-5.3510e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	-8.2328e+01	9.2481e+01	-1.3340e+02
	10	0.0000e+00	0.0000e+00	0.0000e+00	2.0080e+02	3.9703e+02	-9.4809e+01
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	8.5302e+01	2.6382e+01	-3.1439e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	6.6136e+01	1.3018e+02	-1.4757e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	7.5096e+01	1.4520e+02	-2.6333e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	1.2142e+02	2.8534e+02	-3.6852e+01
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	5.6922e+01	-7.9465e+00	2.6459e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	5.0261e+01	8.4605e+01	2.1562e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	4.8910e+01	1.0970e+02	1.9930e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	8.4642e+01	2.1257e+02	2.7058e+01
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	3.7408e+01	-3.5643e+01	2.6592e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	3.8061e+01	4.5032e+01	2.7106e+01

	571	0.0000e+00	0.0000e+00	0.0000e+00	3.6389e+01	6.9095e+01	2.5653e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	5.6829e+01	1.5638e+02	2.6243e+01
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	3.0362e+01	-7.1312e+01	2.6422e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	2.9645e+01	7.9189e+00	2.8747e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	-3.0120e+01	3.0628e+01	2.8667e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	3.7268e+01	1.1090e+02	2.6772e+01
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	-4.0023e+01	-1.1359e+02	2.3703e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	2.5783e+01	-3.1231e+01	2.7056e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-3.0113e+01	-7.8473e+00	2.8677e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	2.9398e+01	7.2817e+01	2.5439e+01
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	-6.1824e+01	-1.6517e+02	1.7568e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-2.7715e+01	-7.2131e+01	2.1604e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-3.6145e+01	-4.6108e+01	2.5367e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-3.8615e+01	3.9556e+01	2.1054e+01
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	-9.3621e+01	-2.2972e+02	1.0588e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-3.4933e+01	-1.1716e+02	1.0772e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-4.7008e+01	-8.8424e+01	1.7228e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-6.0858e+01	1.0452e+01	1.3747e+01
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	-1.3703e+02	-3.1415e+02	-2.6099e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	4.6196e+01	-1.6030e+02	-2.0474e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-5.9526e+01	-1.3796e+02	-4.4351e+00
	562	0.0000e+00	0.0000e+00	0.0000e+00	-9.3605e+01	-2.0749e+01	-1.3906e+01
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.9586e+02	-4.4716e+02	-9.8602e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	6.7463e+01	-1.0624e+02	-1.2769e+02
	559	0.0000e+00	0.0000e+00	0.0000e+00	-6.2329e+01	-2.0995e+02	-5.2631e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-1.3938e+02	-2.7608e+01	-3.4296e+01
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	6.0736e+01	7.8888e+02	5.6186e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	5.1853e+02	9.6293e+01	-1.4438e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	5.7184e+02	2.1533e+03	4.3780e+02
	548	0.0000e+00	0.0000e+00	0.0000e+00	-3.9793e+02	3.1858e+02	6.3117e+02
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	1.5113e+02	1.8099e+02	-7.4826e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	2.3015e+02	1.7568e+02	-1.9977e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	3.2211e+02	3.9143e+02	-3.7453e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	1.8235e+02	4.2117e+02	-9.2734e+01
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	9.3165e+01	7.7893e+01	-5.6366e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	1.1941e+02	7.3973e+01	-1.2787e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	1.8435e+02	1.5468e+02	-2.7262e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	1.2075e+02	1.8001e+02	-7.1251e+01
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	4.6150e+01	2.5304e+01	-4.4079e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	5.5003e+01	2.4305e+01	-1.2309e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	9.5102e+01	6.5172e+01	-1.8995e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	7.1268e+01	7.7088e+01	-5.0607e+01
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	9.7614e+00	-9.4567e+00	-3.8940e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	9.7865e+00	-7.9204e+00	-1.3577e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	3.8997e+01	1.9301e+01	-1.5534e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	3.0671e+01	2.4298e+01	-4.0768e+01
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	-2.5527e+01	-4.1704e+01	-4.0072e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-3.3550e+01	-3.6975e+01	-1.5578e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	-5.9576e+00	-1.1446e+01	-1.3995e+01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-6.3648e+00	-1.0184e+01	-3.8454e+01
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	-6.1857e+01	-8.9167e+01	-4.8528e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-8.5085e+01	-7.7657e+01	-1.9427e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-4.8342e+01	-4.1484e+01	-1.3164e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-3.9860e+01	-4.2320e+01	-4.2307e+01
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.0289e+02	-1.8078e+02	-6.7148e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.6436e+02	-1.5626e+02	-2.7993e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-1.0659e+02	-8.5590e+01	-1.3695e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-8.1098e+01	-8.9325e+01	-5.2865e+01
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	-1.4519e+02	-3.9788e+02	-8.5481e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-2.8529e+02	-3.6957e+02	-3.7987e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-2.0455e+02	-1.7623e+02	-2.0814e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.2792e+02	-1.8182e+02	-6.8323e+01
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	4.0034e+02	-2.6020e+02	6.1836e+02

	18	0.0000e+00	0.0000e+00	0.0000e+00	-4.4249e+02	-2.0207e+03	4.1085e+02
	549	0.0000e+00	0.0000e+00	0.0000e+00	-4.6470e+02	-9.3395e+01	-1.4972e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	2.4342e+01	-7.4513e+02	5.9093e+01
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.2292e+02	2.6117e+02	3.3408e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-3.3653e+01	5.7271e+02	1.1141e+02
	548	0.0000e+00	0.0000e+00	0.0000e+00	6.5342e+01	1.4923e+02	2.7174e+02
	537	0.0000e+00	0.0000e+00	0.0000e+00	-4.0754e+01	1.4220e+02	1.9350e+02
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	-5.3685e+01	2.1215e+02	-3.8224e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	7.4100e+01	2.3470e+02	-1.0777e+02
	547	0.0000e+00	0.0000e+00	0.0000e+00	-6.7723e+01	3.3272e+02	-4.7909e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-5.9145e+01	2.3652e+02	2.2868e+01
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	1.2254e+01	1.0342e+02	-6.1421e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	5.8698e+01	9.9479e+01	-7.2720e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	6.1142e+01	1.5669e+02	-8.0785e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-2.1483e+01	1.6876e+02	-6.9542e+01
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	1.3294e+01	3.7633e+01	-6.1667e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	3.2485e+01	3.5244e+01	-5.5322e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	4.9414e+01	6.8940e+01	-6.4943e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	1.1588e+01	8.5623e+01	-7.1289e+01
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	6.0717e+00	-6.6519e+00	-5.9082e+01
	543	0.0000e+00	0.0000e+00	0.0000e+00	7.2294e+00	-4.7257e+00	-4.8932e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	2.4354e+01	1.9933e+01	-5.3053e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	8.2892e+00	3.0110e+01	-6.3196e+01
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	-6.5022e+00	-4.4983e+01	-6.0461e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-2.0244e+01	-3.7102e+01	-5.0881e+01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-5.2114e+00	-1.5090e+01	-4.8955e+01
	532	0.0000e+00	0.0000e+00	0.0000e+00	-5.5725e+00	-1.1220e+01	-5.8532e+01
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	-7.0107e+00	-9.4784e+01	-6.4967e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-4.1764e+01	-8.1201e+01	-6.0223e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-2.7511e+01	-5.1405e+01	-5.3145e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-1.0836e+01	-5.1861e+01	-5.7890e+01
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	2.1966e+01	-1.6662e+02	-5.9387e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-4.7031e+01	-1.5874e+02	-7.2674e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-4.9325e+01	-1.0904e+02	-6.7739e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	-6.0720e+00	-1.1094e+02	-5.4446e+01
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	6.0667e+01	-2.1721e+02	3.2742e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	7.8256e+01	-3.1548e+02	-3.6337e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-5.7488e+01	-2.3005e+02	-9.7902e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	5.5962e+01	-2.0630e+02	-2.8928e+01
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	5.7524e+01	-1.0827e+02	1.9178e+02
	538	0.0000e+00	0.0000e+00	0.0000e+00	-5.4234e+01	-1.0887e+02	2.6781e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	3.8756e+01	-5.2971e+02	1.1981e+02
	528	0.0000e+00	0.0000e+00	0.0000e+00	1.2134e+02	-2.3678e+02	4.3787e+01
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	-6.4001e+01	1.2608e+02	4.5730e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-6.2623e+01	2.0291e+02	9.1974e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	1.3825e+01	1.0006e+02	1.4509e+02
	526	0.0000e+00	0.0000e+00	0.0000e+00	-3.7252e+01	7.1171e+01	9.8752e+01
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	-6.8357e+01	1.4455e+02	-1.5383e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-3.4280e+01	1.7522e+02	-3.0607e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-6.4597e+01	2.1793e+02	2.6187e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-6.8298e+01	1.3791e+02	4.1503e+01
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	-4.0536e+01	9.6408e+01	-4.6551e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	-1.0578e+01	1.0269e+02	-6.8523e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-3.9305e+01	1.5587e+02	-4.9255e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	-5.3150e+01	1.2375e+02	-2.7506e+01
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	-1.7630e+01	4.2937e+01	-5.6015e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	-6.3256e+00	4.3433e+01	-6.7575e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	-1.2320e+01	7.8307e+01	-6.6750e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	-3.0742e+01	7.7051e+01	-5.5216e+01
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	-5.0942e+00	-3.2135e+00	-5.7142e+01
	532	0.0000e+00	0.0000e+00	0.0000e+00	-4.7315e+00	3.2757e+00	-6.3089e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	-5.9347e+00	2.5253e+01	-6.5092e+01
	522	0.0000e+00	0.0000e+00	0.0000e+00	-1.4593e+01	3.0200e+01	-5.9153e+01

2047	520	0.0000e+00	0.0000e+00	0.0000e+00	9.3851e+00	-4.1426e+01	-5.5635e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-4.1825e+00	-3.9509e+01	-6.1670e+01
	532	0.0000e+00	0.0000e+00	0.0000e+00	-4.8040e+00	-1.5804e+01	-6.2718e+01
	521	0.0000e+00	0.0000e+00	0.0000e+00	-4.2695e+00	-1.1798e+01	-5.6685e+01
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	2.5104e+01	-8.2939e+01	-4.7887e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	9.8202e+00	-8.7296e+01	-5.9518e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-4.5271e+00	-5.6448e+01	-6.3339e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	1.2406e+01	-5.3211e+01	-5.1707e+01
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	4.6882e+01	-1.2025e+02	-1.7353e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	3.7895e+01	-1.5426e+02	-3.8798e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	7.7313e+00	-1.0880e+02	-6.0328e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	3.4917e+01	-1.0011e+02	-3.8860e+01
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	6.0150e+01	-1.2237e+02	4.9938e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	6.3415e+01	-1.9997e+02	3.5890e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	3.3853e+01	-1.6942e+02	-1.9601e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	6.1582e+01	-1.3721e+02	-5.5570e+00
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	3.3640e+01	-4.4145e+01	1.0425e+02
	527	0.0000e+00	0.0000e+00	0.0000e+00	-9.7392e+00	-7.2376e+01	1.5027e+02
	528	0.0000e+00	0.0000e+00	0.0000e+00	6.2373e+01	-1.7953e+02	9.9906e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	5.5847e+01	-1.0788e+02	5.3882e+01
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	-5.4731e+01	7.5124e+01	2.7031e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-5.7802e+01	1.0993e+02	5.5245e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	-2.0307e+01	5.4031e+01	7.5598e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-3.5630e+01	4.8097e+01	4.7234e+01
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	-6.6000e+01	9.4991e+01	-7.5907e+00
	524	0.0000e+00	0.0000e+00	0.0000e+00	-5.7139e+01	1.2274e+02	-6.7957e+00
	525	0.0000e+00	0.0000e+00	0.0000e+00	-5.8592e+01	1.2142e+02	2.7057e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-6.1591e+01	8.7849e+01	2.5587e+01
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	-5.2380e+01	7.5626e+01	-2.9060e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	-3.8536e+01	8.7407e+01	-4.3087e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	-5.8939e+01	1.1378e+02	-2.4588e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	-6.0431e+01	8.8262e+01	-1.1193e+01
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	-3.0112e+01	3.9778e+01	-3.9094e+01
	522	0.0000e+00	0.0000e+00	0.0000e+00	-2.0233e+01	4.2835e+01	-5.5222e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	-3.8519e+01	7.1438e+01	-4.9076e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-4.4346e+01	6.2098e+01	-3.3012e+01
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	-8.3273e+00	2.6518e+00	-4.1088e+01
	521	0.0000e+00	0.0000e+00	0.0000e+00	-5.6566e+00	3.2071e+00	-5.5729e+01
	522	0.0000e+00	0.0000e+00	0.0000e+00	-1.8876e+01	2.6719e+01	-5.5656e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	-2.3760e+01	2.6381e+01	-4.1035e+01
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	1.3058e+01	-3.3920e+01	-3.7616e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	1.1470e+01	-3.7156e+01	-5.2071e+01
	521	0.0000e+00	0.0000e+00	0.0000e+00	-4.2691e+00	-1.3771e+01	-5.5177e+01
	510	0.0000e+00	0.0000e+00	0.0000e+00	-3.4716e+00	-1.0734e+01	-4.0730e+01
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	3.2816e+01	-6.5092e+01	-2.6193e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	3.0458e+01	-7.6888e+01	-4.1699e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	1.2979e+01	-5.2084e+01	-5.0558e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	1.9263e+01	-4.6289e+01	-3.5053e+01
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	4.7758e+01	-8.3769e+01	-1.6656e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	4.9781e+01	-1.1042e+02	-1.4427e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	3.0910e+01	-9.0409e+01	-3.4832e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	4.0556e+01	-7.6552e+01	-2.1875e+01
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	4.7582e+01	-7.4135e+01	3.3446e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	4.8882e+01	-1.0684e+02	3.5989e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	4.8756e+01	-1.1594e+02	5.2779e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	5.2861e+01	-8.7580e+01	2.7122e+00
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	2.3076e+01	-2.5470e+01	5.3393e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	8.4072e+00	-2.9314e+01	8.2217e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	4.8819e+01	-9.2194e+01	6.3520e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	4.0679e+01	-5.8900e+01	3.4691e+01
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	-5.1208e+01	5.5885e+01	1.0771e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-5.3693e+01	6.9504e+01	2.8647e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-3.0547e+01	4.1205e+01	3.6166e+01

	504	0.0000e+00	0.0000e+00	0.0000e+00	-3.7209e+01	3.9530e+01	1.7864e+01
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	-6.0507e+01	7.0427e+01	-5.8336e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	-5.9650e+01	8.4620e+01	5.1160e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	-5.5074e+01	7.8949e+01	1.6040e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-5.6403e+01	6.4989e+01	1.1945e+01
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	-5.2374e+01	6.0607e+01	-1.4379e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-4.8425e+01	6.8707e+01	-2.3034e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	-5.9905e+01	8.1983e+01	-1.2639e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-5.8830e+01	6.8221e+01	-5.6481e+00
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	-3.3401e+01	3.5005e+01	-1.9151e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	-2.9328e+01	3.7688e+01	-3.4390e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-4.6682e+01	5.8506e+01	-2.9507e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-4.7000e+01	5.1185e+01	-1.4468e+01
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.0666e+01	3.5893e+00	-1.9587e+01
	510	0.0000e+00	0.0000e+00	0.0000e+00	-8.2490e+00	3.1930e+00	-3.6681e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	-2.6122e+01	2.4582e+01	-3.6300e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-2.7121e+01	2.2919e+01	-1.9265e+01
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	1.2269e+01	-2.7177e+01	-1.6226e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	1.3554e+01	-3.1312e+01	-3.3071e+01
	510	0.0000e+00	0.0000e+00	0.0000e+00	-4.6906e+00	-1.0764e+01	-3.6108e+01
	499	0.0000e+00	0.0000e+00	0.0000e+00	-4.6342e+00	-8.8016e+00	-1.9281e+01
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	3.1294e+01	-5.1631e+01	-8.3021e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	3.3222e+01	-6.0933e+01	-2.2851e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	1.6850e+01	-4.3399e+01	-3.0094e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	1.8374e+01	-3.8322e+01	-1.5539e+01
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	4.2076e+01	-6.2563e+01	4.7548e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	4.5269e+01	-7.7338e+01	-3.1800e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	3.5223e+01	-6.9194e+01	-1.5554e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	3.6405e+01	-5.9283e+01	-7.7618e+00
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	3.8796e+01	-5.1962e+01	1.8879e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	3.9715e+01	-6.5692e+01	2.4062e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	4.5497e+01	-7.7434e+01	9.5997e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	4.3477e+01	-6.2459e+01	4.4225e+00
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	2.0361e+01	-1.9250e+01	2.4639e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	1.4547e+01	-1.9736e+01	4.3309e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	3.8964e+01	-5.3775e+01	3.6492e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	3.3606e+01	-4.0717e+01	1.7815e+01
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	-4.9747e+01	5.2498e+01	-6.3714e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	-5.1225e+01	5.4585e+01	1.0511e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-3.5812e+01	3.7237e+01	1.0818e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-3.6802e+01	3.8096e+01	-5.4303e+00
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	-5.6436e+01	6.4094e+01	-5.5178e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	-5.8053e+01	6.6986e+01	4.9991e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	-5.3501e+01	6.1626e+01	6.1258e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	-5.2862e+01	5.9731e+01	4.8291e+00
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	-4.9307e+01	5.5758e+01	4.1259e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	-5.0110e+01	5.7681e+01	-8.7132e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	-5.7612e+01	6.5638e+01	-7.2001e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	-5.5907e+01	6.2848e+01	5.0952e+00
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	-3.2547e+01	3.3345e+01	2.9743e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	-3.2374e+01	3.3691e+01	-1.3330e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-4.7240e+01	4.9814e+01	-1.2503e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-4.5809e+01	4.7892e+01	4.3903e+00
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.1732e+01	4.8034e+00	3.0079e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.0584e+01	3.6640e+00	-1.4264e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-2.8081e+01	2.2576e+01	-1.4753e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-2.7552e+01	2.2164e+01	3.3773e+00
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	1.0686e+01	-2.3617e+01	4.6257e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	1.2027e+01	-2.6061e+01	-1.1923e+01
	499	0.0000e+00	0.0000e+00	0.0000e+00	-6.0159e+00	-8.1123e+00	-1.3714e+01
	488	0.0000e+00	0.0000e+00	0.0000e+00	-6.7755e+00	-7.1311e+00	3.1272e+00
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	2.7959e+01	-4.6005e+01	6.8676e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	3.0283e+01	-4.9633e+01	-6.4478e+00

	498	0.0000e+00	0.0000e+00	0.0000e+00	1.6307e+01	-3.6308e+01	-9.4474e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	1.5445e+01	-3.3974e+01	3.8749e+00
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	3.7181e+01	-5.5699e+01	8.3620e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	3.9669e+01	-5.9619e+01	2.3194e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	3.3293e+01	-5.5907e+01	-1.6413e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	3.1295e+01	-5.2360e+01	4.6107e+00
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	3.3675e+01	-4.6338e+01	7.5347e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	3.5021e+01	-4.8605e+01	1.2169e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	4.0450e+01	-5.8960e+01	9.0598e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	3.7609e+01	-5.5046e+01	4.4423e+00
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	1.8191e+01	-1.8611e+01	4.2797e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	1.7519e+01	-1.7386e+01	1.8271e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	3.3330e+01	-3.9636e+01	1.7706e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	3.0664e+01	-3.7322e+01	3.6631e+00
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	-4.8280e+01	6.1991e+01	-1.9098e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-4.9762e+01	5.4045e+01	-6.4931e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	-3.7449e+01	3.8986e+01	-1.0913e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-3.3429e+01	4.2049e+01	-2.4374e+01
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	-5.2075e+01	7.2912e+01	4.9953e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	-5.6567e+01	6.5712e+01	4.8340e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	-5.2895e+01	6.0860e+01	-8.0330e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	-4.9759e+01	6.8987e+01	-1.0622e+01
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	-4.3706e+01	6.0727e+01	1.2630e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-4.9016e+01	5.6603e+01	6.2621e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	-5.5163e+01	6.3838e+01	4.8326e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	-5.2087e+01	7.0374e+01	8.1004e+00
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.8727e+01	3.5808e+01	1.9597e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-3.2220e+01	3.3505e+01	7.0946e+00
	490	0.0000e+00	0.0000e+00	0.0000e+00	-4.5069e+01	4.8826e+01	5.4282e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	-4.1742e+01	5.1848e+01	1.7135e+01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	-1.1704e+01	6.4330e+00	2.2667e+01
	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.2032e+01	4.7297e+00	7.7753e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	-2.7395e+01	2.3117e+01	6.8559e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.5485e+01	2.4047e+01	2.1516e+01
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	9.4435e+00	-2.3158e+01	2.3273e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	1.0213e+01	-2.3828e+01	8.5303e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	-7.4682e+00	-6.2680e+00	8.2227e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	-8.6046e+00	-6.4041e+00	2.2911e+01
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	2.4095e+01	-4.7781e+01	2.0736e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	2.6720e+01	-4.6262e+01	8.4990e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	1.4757e+01	-3.3426e+01	9.6110e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	1.2251e+01	-3.4146e+01	2.1848e+01
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	3.3466e+01	-6.1338e+01	1.2722e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	3.5939e+01	-5.6142e+01	6.3111e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	3.0673e+01	-5.2615e+01	1.0243e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	2.5963e+01	-5.5256e+01	1.6664e+01
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	3.0785e+01	-5.4228e+01	-1.6103e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	3.3262e+01	-4.7109e+01	1.9984e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	3.7552e+01	-5.6263e+01	8.5381e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	3.3451e+01	-6.2166e+01	5.1463e+00
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	1.4572e+01	-2.1919e+01	-1.4691e+01
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.8590e+01	-1.9383e+01	-1.4723e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	3.0677e+01	-3.8714e+01	3.6864e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	2.9412e+01	-4.5743e+01	-9.8688e+00
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	-4.4741e+01	8.6164e+01	-3.3965e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-4.8275e+01	6.7191e+01	-1.8072e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-3.6825e+01	4.6364e+01	-3.1934e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-2.6429e+01	5.5704e+01	-4.8018e+01
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	-4.1683e+01	9.3224e+01	4.9703e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	-5.3959e+01	7.9726e+01	4.9550e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	-5.2106e+01	7.4533e+01	-1.6646e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-4.4414e+01	9.7660e+01	-1.6236e+01
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	-3.1170e+01	7.0774e+01	2.5345e+01

	479	0.0000e+00	0.0000e+00	0.0000e+00	-4.3987e+01	6.4573e+01	1.6704e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-5.0697e+01	7.4849e+01	7.1127e+00
	469	0.0000e+00	0.0000e+00	0.0000e+00	-4.2299e+01	9.0144e+01	1.4815e+01
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	-2.0330e+01	3.9455e+01	3.4376e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.8130e+01	3.6778e+01	2.3442e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-3.9470e+01	5.5155e+01	1.9134e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-3.0790e+01	6.1397e+01	2.9967e+01
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	-1.0599e+01	7.0443e+00	3.7605e+01
	477	0.0000e+00	0.0000e+00	0.0000e+00	-1.1936e+01	5.8932e+00	2.6240e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.4154e+01	2.6435e+01	2.4828e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-1.9199e+01	2.8359e+01	3.6164e+01
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	8.0013e+00	-2.5569e+01	3.7503e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	8.9395e+00	-2.4799e+01	2.6359e+01
	477	0.0000e+00	0.0000e+00	0.0000e+00	-8.8366e+00	-5.0917e+00	2.6733e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-9.5548e+00	-5.3331e+00	3.7868e+01
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	1.6384e+01	-5.5263e+01	3.2966e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	2.2210e+01	-5.0332e+01	2.2636e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	1.2150e+01	-3.4346e+01	2.5934e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	8.4907e+00	-3.5983e+01	3.6265e+01
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	2.6121e+01	-7.8680e+01	1.9560e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	3.2303e+01	-6.5072e+01	1.1646e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	2.6540e+01	-5.8295e+01	2.1069e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.6581e+01	-6.3412e+01	2.8993e+01
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	2.7246e+01	-8.0172e+01	-7.7129e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	3.2971e+01	-5.9082e+01	-7.4109e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	3.5561e+01	-6.8120e+01	9.4697e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	2.5382e+01	-8.0344e+01	9.2229e+00
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	8.4104e+00	-3.3890e+01	-3.7286e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.8926e+01	-2.5621e+01	-2.1441e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	2.9682e+01	-5.0406e+01	-8.6180e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	2.7320e+01	-6.7598e+01	-2.4466e+01
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	-3.2360e+01	1.6819e+02	-4.2974e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-5.1654e+01	1.0149e+02	-2.3874e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-3.2350e+01	6.4209e+01	-5.7436e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	2.8033e+01	6.4804e+01	-7.6679e+01
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	1.9670e+01	1.3849e+02	1.8376e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-4.6769e+01	1.0711e+02	9.6047e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	-4.4086e+01	1.0652e+02	-1.8046e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	-3.2870e+01	1.2752e+02	-8.7281e+00
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	1.4505e+01	9.4431e+01	3.4663e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-3.0477e+01	7.5875e+01	2.8057e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-3.5409e+01	9.7295e+01	1.9101e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	-1.9287e+01	9.6805e+01	2.5573e+01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	1.0964e+01	5.3601e+01	4.0770e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-1.9126e+01	4.0273e+01	3.6518e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-2.4326e+01	6.6448e+01	3.3615e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	1.3386e+01	5.8923e+01	3.7854e+01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	8.9320e+00	1.6645e+01	4.3198e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-1.1119e+01	5.9911e+00	3.9777e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-1.5470e+01	3.1775e+01	3.8989e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-1.0550e+01	2.2340e+01	4.2409e+01
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	-8.4735e+00	-1.8533e+01	4.3212e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	7.5018e+00	-2.8197e+01	3.9980e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-8.9397e+00	-3.6690e+00	4.0314e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-9.6603e+00	-1.3287e+01	4.3546e+01
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	-8.9547e+00	-5.2154e+01	3.9863e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.1692e+01	-5.9495e+01	3.6206e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	8.6455e+00	-3.5942e+01	3.8604e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-1.0368e+01	-4.8015e+01	4.2260e+01
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	9.1850e+00	-8.4648e+01	2.9097e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	2.0421e+01	-8.4969e+01	2.3571e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.6782e+01	-6.7473e+01	3.1811e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-1.1694e+01	-8.4133e+01	3.7343e+01

2110	442	0.0000e+00	0.0000e+00	0.0000e+00	1.6728e+01	-1.0808e+02	-1.9339e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	2.6963e+01	-8.8141e+01	-9.4670e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	3.0842e+01	-9.2680e+01	1.5152e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-1.1452e+01	-1.2128e+02	2.2792e+01
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	-1.7035e+01	-3.9915e+01	-6.4840e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	1.7040e+01	-4.1085e+01	-4.5318e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	3.4446e+01	-8.1734e+01	-1.4885e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	1.4229e+01	-1.4332e+02	-3.4400e+01
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	1.1293e+02	2.9238e+01	-2.2457e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	3.8806e+01	2.0548e+02	-5.1522e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	-7.4356e+01	9.1657e+01	-1.3164e+02
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.2943e+02	4.2909e+02	-9.0958e+01
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	7.6955e+01	2.3047e+01	1.0950e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	4.0393e+01	1.3807e+02	-3.9359e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	-3.2683e+01	1.5697e+02	-1.9063e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	1.1449e+02	3.0532e+02	-1.8947e+01
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	4.8094e+01	-6.7647e+00	1.6341e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	3.2915e+01	8.8806e+01	1.7476e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	1.9317e+01	1.1648e+02	1.1160e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	7.8796e+01	2.2451e+02	1.1488e+01
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	2.5221e+01	-3.5661e+01	2.3178e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	2.3177e+01	4.7137e+01	2.5618e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	1.3394e+01	7.2469e+01	2.2251e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	5.0119e+01	1.6202e+02	2.0030e+01
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	8.9470e+00	-6.7669e+01	2.6529e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	1.4739e+01	9.4734e+00	2.8970e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-1.1826e+01	3.2433e+01	2.7694e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	2.7302e+01	1.1174e+02	2.5314e+01
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.8889e+01	-1.0360e+02	2.6164e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	8.8250e+00	-2.7401e+01	2.8930e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-1.5643e+01	-5.3821e+00	2.9531e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	9.6255e+00	7.0405e+01	2.6785e+01
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	-4.0663e+01	-1.4596e+02	2.1666e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-8.8059e+00	-6.4117e+01	2.5184e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-2.2606e+01	-4.0949e+01	2.7994e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.6983e+01	3.5514e+01	2.4472e+01
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	-6.8377e+01	-1.9808e+02	1.1682e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-1.2435e+01	-1.0230e+02	1.5308e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-3.1009e+01	-7.8155e+01	2.1652e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-3.9318e+01	5.6979e+00	1.7914e+01
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	-1.0283e+02	-2.6625e+02	-1.0510e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	1.3410e+01	-1.3519e+02	-1.0907e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-3.6363e+01	-1.2011e+02	5.0351e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	-6.7683e+01	-2.0412e+01	6.8654e+00
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.0778e+02	-3.7541e+02	-8.3147e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	6.0412e+01	-6.4470e+01	-1.1686e+02
	442	0.0000e+00	0.0000e+00	0.0000e+00	-1.8323e+01	-1.7829e+02	-4.0821e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	-1.0310e+02	-1.8963e+01	-1.0097e+01
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	-2.4435e+01	7.4515e+02	5.9088e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	4.6462e+02	9.3455e+01	-1.4981e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	4.4224e+02	2.0207e+03	4.1080e+02
	431	0.0000e+00	0.0000e+00	0.0000e+00	-4.0045e+02	2.6017e+02	6.1838e+02
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	1.2780e+02	1.8183e+02	-6.8328e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	2.0448e+02	1.7623e+02	-2.0842e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	2.8522e+02	3.6957e+02	-3.8027e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	1.4503e+02	3.9790e+02	-8.5499e+01
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	8.0983e+01	8.9320e+01	-5.2871e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	1.0652e+02	8.5581e+01	-1.3706e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	1.6429e+02	1.5626e+02	-2.8012e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	1.0277e+02	1.8078e+02	-6.7162e+01
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	3.9739e+01	4.2306e+01	-4.2312e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	4.8264e+01	4.1467e+01	-1.3167e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	8.5012e+01	7.7643e+01	-1.9435e+01



	428	0.0000e+00	0.0000e+00	0.0000e+00	6.1741e+01	8.9160e+01	-4.8538e+01
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	6.2051e+00	1.0172e+01	-3.8461e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	5.8626e+00	1.1425e+01	-1.3997e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	3.3469e+01	3.6956e+01	-1.5583e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	2.5399e+01	4.1690e+01	-4.0081e+01
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	-3.0778e+01	-2.4326e+01	-4.0777e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-3.9081e+01	-1.9331e+01	-1.5537e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	-9.8413e+00	7.9027e+00	-1.3581e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	-9.8182e+00	9.4452e+00	-3.8951e+01
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	-7.1402e+01	-7.7112e+01	-5.0616e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-9.5201e+01	-6.5202e+01	-1.9002e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-5.5092e+01	-2.4333e+01	-1.2319e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	-4.6268e+01	-2.5332e+01	-4.4092e+01
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	-1.2091e+02	-1.8002e+02	-7.1260e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.8447e+02	-1.5471e+02	-2.7271e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-1.1951e+02	-7.3997e+01	-1.2810e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	-9.3306e+01	-7.7914e+01	-5.6380e+01
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	-1.8256e+02	-4.2118e+02	-9.2740e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-3.2224e+02	-3.9145e+02	-3.7465e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-2.3027e+02	-1.7569e+02	-2.0010e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	-1.5130e+02	-1.8099e+02	-7.4842e+01
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	3.9771e+02	-3.1864e+02	6.3112e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	-5.7227e+02	-2.1534e+03	4.3785e+02
	432	0.0000e+00	0.0000e+00	0.0000e+00	-5.1868e+02	-9.6279e+01	-1.4435e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	-6.0816e+01	-7.8888e+02	5.6175e+01
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	-1.2151e+02	2.3678e+02	4.3797e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	-3.8889e+01	5.2970e+02	1.1982e+02
	431	0.0000e+00	0.0000e+00	0.0000e+00	5.4071e+01	1.0886e+02	2.6782e+02
	420	0.0000e+00	0.0000e+00	0.0000e+00	-5.7690e+01	1.0827e+02	1.9178e+02
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	-5.6126e+01	2.0631e+02	-2.8925e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	5.7342e+01	2.3005e+02	-9.7907e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	-7.8395e+01	3.1550e+02	-3.6337e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	-6.0835e+01	2.1721e+02	3.2752e+01
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	5.8243e+00	1.1094e+02	-5.4449e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	4.9186e+01	1.0903e+02	-6.7747e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	4.6884e+01	1.5874e+02	-7.2682e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	-2.2096e+01	1.6662e+02	-5.9391e+01
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	1.0590e+01	5.1846e+01	-5.7899e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	2.7364e+01	5.1389e+01	-5.3153e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	4.1623e+01	8.1191e+01	-6.0233e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	6.7491e+00	9.4774e+01	-6.4977e+01
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	5.2845e+00	1.1208e+01	-5.8548e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	5.0329e+00	1.5073e+01	-4.8965e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	2.0090e+01	3.7085e+01	-5.0892e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	6.2262e+00	4.4967e+01	-6.0477e+01
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	-8.2635e+00	-3.0143e+01	-6.3219e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	-2.4464e+01	-1.9968e+01	-5.3066e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	-7.2394e+00	4.7321e+00	-4.8946e+01
	415	0.0000e+00	0.0000e+00	0.0000e+00	-6.0061e+00	6.6533e+00	-5.9105e+01
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	-1.1552e+01	-8.5650e+01	-7.1320e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	-4.9554e+01	-6.8970e+01	-6.4959e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	-3.2608e+01	-3.5273e+01	-5.5338e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	-1.3358e+01	-3.7663e+01	-6.1699e+01
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	2.1112e+01	-1.6878e+02	-6.9579e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	-6.1295e+01	-1.5671e+02	-8.0802e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	-5.8846e+01	-9.9503e+01	-7.2739e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	-1.2175e+01	-1.0344e+02	-6.1460e+01
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	5.8774e+01	-2.3654e+02	2.2801e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	6.7442e+01	-3.3273e+02	-4.7933e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	-7.4266e+01	-2.3471e+02	-1.0779e+02
	412	0.0000e+00	0.0000e+00	0.0000e+00	5.3345e+01	-2.1216e+02	-3.8266e+01
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	4.0337e+01	-1.4223e+02	1.9345e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	-6.5504e+01	-1.4927e+02	2.7171e+02

	422	0.0000e+00	0.0000e+00	0.0000e+00	3.3399e+01	-5.7273e+02	1.1137e+02
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.2259e+02	-2.6119e+02	3.3343e+01
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	-5.6092e+01	1.0788e+02	5.3891e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	-6.2559e+01	1.7953e+02	9.9916e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	9.4600e+00	7.2371e+01	1.5027e+02
	409	0.0000e+00	0.0000e+00	0.0000e+00	-3.3877e+01	4.4151e+01	1.0425e+02
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	-6.1825e+01	1.3721e+02	-5.5530e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	-3.4020e+01	1.6942e+02	-1.9596e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	-6.3600e+01	1.9997e+02	3.5895e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	-6.0395e+01	1.2237e+02	4.9943e+01
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	-3.5144e+01	1.0010e+02	-3.8863e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	-7.7635e+00	1.0879e+02	-6.0332e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	-3.8066e+01	1.5425e+02	-3.8800e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	-4.7120e+01	1.2025e+02	-1.7355e+01
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	-1.2565e+01	5.3186e+01	-5.1721e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	4.2245e+00	5.6426e+01	-6.3351e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	-9.8991e+00	8.7281e+01	-5.9528e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	-2.5319e+01	8.2922e+01	-4.7899e+01
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	3.7904e+00	1.1778e+01	-5.6714e+01
	415	0.0000e+00	0.0000e+00	0.0000e+00	4.4872e+00	1.5784e+01	-6.2739e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	3.9336e+00	3.9487e+01	-6.1687e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	-9.5048e+00	4.1400e+01	-5.5660e+01
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	1.4176e+01	-3.0244e+01	-5.9197e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	5.6183e+00	-2.5296e+01	-6.5123e+01
	415	0.0000e+00	0.0000e+00	0.0000e+00	4.4750e+00	-3.3283e+00	-6.3116e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	4.6016e+00	3.2546e+00	-5.7183e+01
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	3.0331e+01	-7.7088e+01	-5.5273e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.1931e+01	-7.8343e+01	-6.6789e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	6.0839e+00	-4.3469e+01	-6.7612e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.7212e+01	-4.2977e+01	-5.6069e+01
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	5.2721e+01	-1.2378e+02	-2.7563e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	3.8937e+01	-1.5590e+02	-4.9299e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.0177e+01	-1.0272e+02	-6.8568e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	4.0125e+01	-9.6440e+01	-4.6615e+01
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	6.7839e+01	-1.3794e+02	4.1410e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	6.4217e+01	-2.1796e+02	2.6116e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	3.3883e+01	-1.7524e+02	-3.0654e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	6.7929e+01	-1.4457e+02	-1.5430e+01
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	3.6719e+01	-7.1193e+01	9.8674e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	-1.3602e+01	-1.0010e+02	1.4503e+02
	411	0.0000e+00	0.0000e+00	0.0000e+00	6.2221e+01	-2.0294e+02	9.1905e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	6.3538e+01	-1.2610e+02	4.5635e+01
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	-4.1028e+01	5.8904e+01	3.4698e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	-4.9089e+01	9.2191e+01	6.3528e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	-8.6026e+00	2.9317e+01	8.2216e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-2.3421e+01	2.5484e+01	5.3390e+01
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	-5.3208e+01	8.7570e+01	2.7200e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	-4.9022e+01	1.1593e+02	5.2860e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	-4.9151e+01	1.0684e+02	3.5992e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-4.7932e+01	7.4137e+01	3.3449e+01
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	-4.0893e+01	7.6524e+01	-2.1879e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	-3.1161e+01	9.0386e+01	-3.4837e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	-5.0047e+01	1.1040e+02	-1.4429e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	-4.8103e+01	8.3754e+01	-1.6740e+00
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.9572e+01	4.6247e+01	-3.5075e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	-1.3173e+01	5.2050e+01	-5.0578e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	-3.0709e+01	7.6863e+01	-4.1711e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-3.3149e+01	6.5060e+01	-2.6209e+01
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	2.7471e+00	1.0692e+01	-4.0774e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	3.7182e+00	1.3739e+01	-5.5213e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	-1.1650e+01	3.7122e+01	-5.2098e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.3336e+01	3.3876e+01	-3.7653e+01
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	2.3280e+01	-2.6444e+01	-4.1101e+01

	403	0.0000e+00	0.0000e+00	0.0000e+00	1.8454e+01	-2.6776e+01	-5.5709e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	5.1262e+00	-3.2904e+00	-5.5773e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	7.7695e+00	-2.7465e+00	-4.1147e+01
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	4.3851e+01	-6.2151e+01	-3.3092e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	3.8097e+01	-7.1487e+01	-4.9141e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.9802e+01	-4.2884e+01	-5.5282e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	2.9633e+01	-3.9836e+01	-3.9173e+01
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	5.9901e+01	-8.8301e+01	-1.1228e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	5.8490e+01	-1.1382e+02	-2.4649e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	3.8096e+01	-8.7447e+01	-4.3158e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	5.1881e+01	-7.5671e+01	-2.9148e+01
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	6.1016e+01	-8.7873e+01	2.5445e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	5.8101e+01	-1.2146e+02	2.6950e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	5.6670e+01	-1.2277e+02	-6.7686e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	6.5465e+01	-9.5022e+01	-7.5837e+00
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	3.4983e+01	-4.8108e+01	4.7117e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	1.9654e+01	-5.4057e+01	7.5510e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	5.7291e+01	-1.0995e+02	5.5140e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	5.4147e+01	-7.5141e+01	2.6886e+01
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	-3.4082e+01	4.0727e+01	1.7824e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-3.9347e+01	5.3775e+01	3.6500e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.4919e+01	1.9745e+01	4.3304e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-2.0845e+01	1.9273e+01	2.4634e+01
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	-4.3945e+01	6.2443e+01	4.4326e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	-4.5874e+01	7.7418e+01	9.6065e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	-4.0097e+01	6.5687e+01	2.4064e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-3.9272e+01	5.1965e+01	1.8884e+01
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	-3.6865e+01	5.9237e+01	-7.7664e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	-3.5590e+01	6.9157e+01	-1.5561e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	-4.5645e+01	7.7314e+01	-3.1845e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-4.2543e+01	6.2538e+01	4.7566e+00
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.8822e+01	3.8251e+01	-1.5569e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.7189e+01	4.3345e+01	-3.0122e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-3.3589e+01	6.0891e+01	-2.2867e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-3.1753e+01	5.1578e+01	-8.3213e+00
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	4.0605e+00	8.7209e+00	-1.9340e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	4.0490e+00	1.0709e+01	-3.6161e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.3881e+01	3.1255e+01	-3.3109e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.2702e+01	2.7104e+01	-1.6273e+01
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	2.6576e+01	-2.3009e+01	-1.9348e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	2.5631e+01	-2.4661e+01	-3.6376e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	7.6921e+00	-3.2970e+00	-3.6743e+01
	382	0.0000e+00	0.0000e+00	0.0000e+00	1.0115e+01	-3.6905e+00	-1.9662e+01
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	4.6420e+01	-5.1260e+01	-1.4547e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	4.6170e+01	-5.8573e+01	-2.9595e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	2.8828e+01	-3.7757e+01	-3.4474e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	3.2849e+01	-3.5087e+01	-1.9246e+01
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	5.8202e+01	-6.8270e+01	-5.5400e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	5.9353e+01	-8.2033e+01	-1.2690e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	4.7897e+01	-6.8762e+01	-2.3122e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	5.1786e+01	-6.0671e+01	-1.4463e+01
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	5.5722e+01	-6.5009e+01	1.1712e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	5.4471e+01	-7.8980e+01	1.5870e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	5.9076e+01	-8.4657e+01	4.9167e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	5.9872e+01	-7.0463e+01	-5.7398e+00
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	3.6474e+01	-3.9525e+01	1.7683e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	2.9849e+01	-4.1220e+01	3.6036e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	5.3067e+01	-6.9524e+01	2.8489e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	5.0520e+01	-5.5892e+01	1.0532e+01
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	-3.1275e+01	3.7343e+01	3.6791e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	-3.3845e+01	3.9644e+01	1.7716e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.8044e+01	1.7407e+01	1.8263e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.8830e+01	1.8651e+01	4.2749e+00

2173	374	0.0000e+00	0.0000e+00	0.0000e+00	-3.8202e+01	5.5022e+01	4.4614e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-4.0953e+01	5.8938e+01	9.0698e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	-3.5532e+01	4.8603e+01	1.2174e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-3.4284e+01	4.6347e+01	7.5489e+00
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	-3.1883e+01	5.2287e+01	4.6110e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-3.3787e+01	5.5851e+01	-1.6508e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-4.0170e+01	5.9584e+01	2.3234e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-3.7775e+01	5.5661e+01	8.3710e+00
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.6053e+01	3.3861e+01	3.8292e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.6796e+01	3.6223e+01	-9.4826e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-3.0777e+01	4.9566e+01	-6.4660e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.8550e+01	4.5920e+01	6.8498e+00
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	6.4428e+00	6.9798e+00	2.9865e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	5.5234e+00	8.0129e+00	-1.3779e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.2515e+01	2.5970e+01	-1.1969e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.1303e+01	2.3497e+01	4.5519e+00
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	2.6990e+01	-2.2286e+01	3.1218e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	2.7536e+01	-2.2682e+01	-1.4838e+01
	382	0.0000e+00	0.0000e+00	0.0000e+00	1.0067e+01	-3.7708e+00	-1.4338e+01
	371	0.0000e+00	0.0000e+00	0.0000e+00	1.1259e+01	-4.9026e+00	2.8160e+00
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	4.5187e+01	-4.7996e+01	4.0608e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	4.6653e+01	-4.9903e+01	-1.2580e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	3.1816e+01	-3.3787e+01	-1.3416e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	3.1970e+01	-3.3461e+01	2.6812e+00
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	5.5227e+01	-6.2909e+01	4.7338e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	5.6973e+01	-6.5699e+01	-7.1664e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	4.9504e+01	-5.7754e+01	-8.7481e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	4.8677e+01	-5.5845e+01	3.8662e+00
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	5.2127e+01	-5.9739e+01	4.5371e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	5.2805e+01	-6.1651e+01	5.8299e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	5.7390e+01	-6.7027e+01	4.7066e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	5.5752e+01	-6.4134e+01	-5.3540e+00
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	3.6044e+01	-3.8060e+01	-5.3822e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	3.5053e+01	-3.7231e+01	1.0602e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	5.0505e+01	-5.4592e+01	1.0248e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	4.9012e+01	-5.2485e+01	-6.3161e+00
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	-3.0139e+01	4.5784e+01	-9.8482e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-3.1326e+01	3.8738e+01	3.7070e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.9266e+01	1.9425e+01	-1.4726e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.5380e+01	2.1989e+01	-1.4693e+01
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	-3.4150e+01	6.2131e+01	5.1816e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-3.8179e+01	5.6235e+01	8.5570e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-3.3901e+01	4.7114e+01	2.0174e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	-3.1511e+01	5.4247e+01	-1.5934e+00
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.6665e+01	5.5146e+01	1.6671e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-3.1292e+01	5.2530e+01	1.0239e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-3.6561e+01	5.6093e+01	6.3243e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	-3.4166e+01	6.1279e+01	1.2747e+01
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.3015e+01	3.3974e+01	2.1803e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.5407e+01	3.3296e+01	9.5608e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.7343e+01	4.6161e+01	8.4843e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.4804e+01	4.7651e+01	2.0724e+01
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	8.5015e+00	6.1415e+00	2.2795e+01
	371	0.0000e+00	0.0000e+00	0.0000e+00	7.2090e+00	6.0870e+00	8.0994e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.0885e+01	2.3686e+01	8.4630e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.0225e+01	2.2971e+01	2.3202e+01
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	2.4998e+01	-2.4210e+01	2.1317e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	2.6855e+01	-2.3255e+01	6.6257e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	1.1623e+01	-4.8262e+00	7.6272e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	1.1429e+01	-6.5352e+00	2.2522e+01
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	4.1171e+01	-5.1991e+01	1.6837e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	4.4464e+01	-4.8944e+01	5.0695e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	3.1660e+01	-3.3636e+01	6.8403e+00

	359	0.0000e+00	0.0000e+00	0.0000e+00	2.8221e+01	-3.5967e+01	1.9363e+01
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	5.1457e+01	-7.0454e+01	7.6440e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	5.4498e+01	-6.3908e+01	4.5208e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	4.8390e+01	-5.6702e+01	5.8975e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	4.3132e+01	-6.0847e+01	1.2277e+01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	4.9084e+01	-6.8975e+01	-1.0678e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	5.2174e+01	-6.0869e+01	-8.0172e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	5.5875e+01	-6.5755e+01	4.4344e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	5.1450e+01	-7.2957e+01	-4.6974e+00
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	3.2807e+01	-4.1955e+01	-2.4538e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	3.6694e+01	-3.8939e+01	-1.0997e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	4.9015e+01	-5.4025e+01	-6.4381e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	4.7619e+01	-6.1940e+01	-1.9256e+01
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	-2.8102e+01	6.7672e+01	-2.4423e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-3.0437e+01	5.0459e+01	-8.5924e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.9732e+01	2.5701e+01	-2.1449e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-9.3952e+00	3.4017e+01	-3.7280e+01
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	-2.6141e+01	8.0285e+01	9.2806e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	-3.6274e+01	6.8083e+01	9.5029e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	-3.3706e+01	5.9101e+01	-7.3788e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	-2.8034e+01	8.0208e+01	-7.6544e+00
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.7371e+01	6.3248e+01	2.9009e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.7256e+01	5.8172e+01	2.1070e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-3.3016e+01	6.5004e+01	1.1677e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-2.6878e+01	7.8592e+01	1.9605e+01
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	-9.3061e+00	3.5736e+01	3.6217e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.2937e+01	3.4155e+01	2.5881e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.2938e+01	5.0186e+01	2.2627e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.7176e+01	5.5077e+01	3.2963e+01
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	9.6904e+00	4.9072e+00	3.7742e+01
	360	0.0000e+00	0.0000e+00	0.0000e+00	8.8271e+00	4.7790e+00	2.6608e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-9.7452e+00	2.4589e+01	2.6291e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-8.7955e+00	2.5303e+01	3.7432e+01
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	1.8959e+01	-2.8575e+01	3.5954e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	2.3727e+01	-2.6614e+01	2.4620e+01
	360	0.0000e+00	0.0000e+00	0.0000e+00	1.1746e+01	-5.9790e+00	2.6097e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	1.0659e+01	-7.1431e+00	3.7454e+01
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	3.0445e+01	-6.1588e+01	2.9668e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	3.8955e+01	-5.5309e+01	1.8827e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	2.7678e+01	-3.6953e+01	2.3215e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	2.0086e+01	-3.9670e+01	3.4141e+01
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	4.1906e+01	-9.0248e+01	1.4386e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	5.0125e+01	-7.4931e+01	6.6038e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	4.3454e+01	-6.4706e+01	1.6377e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	3.0842e+01	-7.0942e+01	2.5018e+01
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	4.4000e+01	-9.7614e+01	-1.6403e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	5.1490e+01	-7.4510e+01	-1.6788e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	5.3362e+01	-7.9772e+01	4.4166e+00
	346	0.0000e+00	0.0000e+00	0.0000e+00	4.1317e+01	-9.3288e+01	4.3315e+00
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	2.6298e+01	-5.5493e+01	-4.8232e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	3.6227e+01	-4.6237e+01	-3.2111e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	4.7633e+01	-6.7120e+01	-1.8233e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	4.4362e+01	-8.6055e+01	-3.4199e+01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.4972e+01	1.4348e+02	-3.4317e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-3.5203e+01	8.1836e+01	-1.4829e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.7916e+01	4.1240e+01	-4.5322e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	1.7148e+01	4.0127e+01	-6.4819e+01
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	1.1710e+01	1.2124e+02	2.2864e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-3.1568e+01	9.2616e+01	1.5208e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-2.7717e+01	8.8185e+01	-9.3850e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.7489e+01	1.0806e+02	-1.8752e+00
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	1.1790e+01	8.3940e+01	3.7362e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.7558e+01	6.7297e+01	3.1823e+01

	352	0.0000e+00	0.0000e+00	0.0000e+00	-2.1181e+01	8.4875e+01	2.3627e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	-9.7338e+00	8.4481e+01	2.9162e+01
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	1.0506e+01	4.7713e+01	4.2210e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-9.4324e+00	3.5678e+01	3.8550e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.2497e+01	5.9295e+01	3.6210e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	9.2770e+00	5.1877e+01	3.9871e+01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	9.9261e+00	1.2855e+01	4.3418e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	9.2304e+00	3.1571e+00	4.0182e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-8.1427e+00	2.7910e+01	3.9914e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	8.8401e+00	1.8150e+01	4.3149e+01
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	1.0942e+01	-2.2609e+01	4.2202e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	1.5404e+01	-3.2006e+01	3.8774e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	1.1212e+01	-6.0483e+00	3.9631e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-9.4110e+00	-1.6888e+01	4.3058e+01
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	-1.3825e+01	-5.9192e+01	3.7577e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	2.4142e+01	-6.6646e+01	3.3316e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	1.8980e+01	-4.0502e+01	3.6288e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-1.1514e+01	-5.3870e+01	4.0556e+01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	1.9639e+01	-9.6988e+01	2.5231e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	3.5167e+01	-9.7393e+01	1.8691e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	3.0235e+01	-7.6057e+01	2.7744e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-1.5057e+01	-9.4621e+01	3.4387e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	3.2986e+01	-1.2754e+02	-8.8968e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	4.3832e+01	-1.0645e+02	-1.8230e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	4.6454e+01	-1.0718e+02	9.1306e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	-2.0132e+01	-1.3852e+02	1.8031e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	-2.8487e+01	-6.4421e+01	-7.6914e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	3.2197e+01	-6.3927e+01	-5.7647e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	5.1282e+01	-1.0134e+02	-2.4101e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	3.2562e+01	-1.6795e+02	-4.3258e+01
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	1.0302e+02	1.8368e+01	-1.0160e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	1.8616e+01	1.7843e+02	-4.0842e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	-6.1106e+01	6.4760e+01	-1.1684e+02
	5	0.0000e+00	0.0000e+00	0.0000e+00	1.0807e+02	3.7618e+02	-8.3169e+01
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	6.7573e+01	1.9808e+01	6.9448e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	3.6221e+01	1.2003e+02	5.0584e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.4050e+01	1.3522e+02	-1.0909e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	1.0275e+02	2.6668e+02	-1.0536e+01
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	3.9216e+01	-5.8007e+00	1.7919e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	3.0829e+01	7.7942e+01	2.1631e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	1.2600e+01	1.0215e+02	1.5321e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	6.8284e+01	1.9820e+02	1.1733e+01
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	1.6948e+01	-3.5970e+01	2.4418e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	2.2454e+01	4.0628e+01	2.7924e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	9.1133e+00	6.3850e+01	2.5158e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	4.0571e+01	1.4584e+02	2.1659e+01
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	-9.8584e+00	-7.0831e+01	2.6678e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	1.5600e+01	4.8194e+00	2.9406e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-9.3828e+00	2.7034e+01	2.8851e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	1.8847e+01	1.0328e+02	2.6102e+01
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.7429e+01	-1.1205e+02	2.5168e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	1.2028e+01	-3.2724e+01	2.7520e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-1.5253e+01	-9.6594e+00	2.8835e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-9.1553e+00	6.7195e+01	2.6418e+01
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-5.0138e+01	-1.6213e+02	1.9885e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-1.3813e+01	-7.2723e+01	2.2051e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-2.3612e+01	-4.7423e+01	2.5437e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.5346e+01	3.5043e+01	2.3039e+01
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-7.8678e+01	-2.2432e+02	1.1505e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-1.9749e+01	-1.1661e+02	1.1016e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-3.3266e+01	-8.9022e+01	1.7275e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-4.8113e+01	5.6570e+00	1.6239e+01
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-1.1417e+02	-3.0469e+02	-1.9230e+01

	325	0.0000e+00	0.0000e+00	0.0000e+00	3.2923e+01	-1.5689e+02	-1.9323e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-4.0638e+01	-1.3815e+02	-4.1399e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-7.6839e+01	-2.3398e+01	-1.1130e+01
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2803e+02	-4.2788e+02	-9.1095e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	7.4069e+01	-9.1091e+01	-1.3185e+02
	325	0.0000e+00	0.0000e+00	0.0000e+00	-3.8888e+01	-2.0526e+02	-5.1703e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	-1.1259e+02	-2.9384e+01	-2.2613e+01
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	7.3273e+01	7.9039e+02	5.3639e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	5.0555e+02	1.1539e+02	-1.7361e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	5.0510e+02	2.1357e+03	4.2111e+02
	314	0.0000e+00	0.0000e+00	0.0000e+00	-4.0299e+02	3.0171e+02	6.3698e+02
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	1.4165e+02	1.8782e+02	-7.6705e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	2.2398e+02	1.7982e+02	-2.8766e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	3.1531e+02	3.9067e+02	-5.0261e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	1.6400e+02	4.2417e+02	-9.8094e+01
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	8.8893e+01	8.2722e+01	-5.8413e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	1.1645e+02	7.7685e+01	-1.7076e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	1.7979e+02	1.5637e+02	-3.4083e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	1.1357e+02	1.8457e+02	-7.5466e+01
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	4.4942e+01	3.0063e+01	-4.4899e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	5.3988e+01	2.7989e+01	-1.3894e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	9.2962e+01	6.8018e+01	-2.2231e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	6.8043e+01	8.1710e+01	-5.2924e+01
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	1.5734e+01	-5.4997e+00	-3.8498e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	1.5167e+01	-4.2719e+00	-1.3596e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	3.8868e+01	2.2730e+01	-1.6571e+01
	310	0.0000e+00	0.0000e+00	0.0000e+00	3.0822e+01	2.9035e+01	-4.1486e+01
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	-3.1731e+01	-3.7166e+01	-3.8341e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-3.7468e+01	-3.3658e+01	-1.4734e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	-1.4946e+01	-7.9035e+00	-1.3693e+01
	309	0.0000e+00	0.0000e+00	0.0000e+00	-1.6045e+01	-6.3169e+00	-3.7808e+01
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	-6.7971e+01	-8.5171e+01	-4.5346e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-8.7578e+01	-7.5554e+01	-1.8411e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-5.1827e+01	-3.8222e+01	-1.2623e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	-4.5043e+01	-3.8019e+01	-4.0362e+01
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	-1.1300e+02	-1.7816e+02	-6.2147e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.6774e+02	-1.5680e+02	-2.7497e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-1.0958e+02	-8.3200e+01	-1.5491e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	-8.7406e+01	-8.5650e+01	-4.9537e+01
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	-1.7911e+02	-3.9928e+02	-7.8620e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-2.8957e+02	-3.7546e+02	-4.1227e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-2.0954e+02	-1.7511e+02	-2.6263e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	-1.4089e+02	-1.7830e+02	-6.4044e+01
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	3.9784e+02	-2.9057e+02	6.2049e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	-5.8358e+02	-2.0557e+03	4.3705e+02
	315	0.0000e+00	0.0000e+00	0.0000e+00	-4.7671e+02	-9.6391e+01	-1.4487e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	1.0621e+02	-7.5099e+02	6.4885e+01
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	-1.3264e+02	2.5750e+02	3.6425e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-5.3625e+01	5.6846e+02	1.1484e+02
	314	0.0000e+00	0.0000e+00	0.0000e+00	5.6909e+01	1.3960e+02	2.7298e+02
	304	0.0000e+00	0.0000e+00	0.0000e+00	-5.0854e+01	1.3556e+02	1.9439e+02
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	-6.5126e+01	2.1664e+02	-3.6606e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	6.7025e+01	2.3919e+02	-1.0907e+02
	313	0.0000e+00	0.0000e+00	0.0000e+00	-8.5033e+01	3.3739e+02	-4.6457e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	-7.1849e+01	2.3583e+02	2.7266e+01
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	1.7989e+01	1.0878e+02	-6.0629e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	5.4955e+01	1.0461e+02	-7.4480e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	5.5379e+01	1.6141e+02	-8.2085e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	-3.2071e+01	1.7239e+02	-6.8306e+01
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	1.6844e+01	4.3335e+01	-6.0935e+01
	310	0.0000e+00	0.0000e+00	0.0000e+00	3.1978e+01	4.0435e+01	-5.6013e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	4.6643e+01	7.3736e+01	-6.5960e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.6594e+01	9.0579e+01	-7.0877e+01

2236 299 0.0000e+00 0.0000e+00 0.0000e+00 1.4882e+01 -4.9464e+00 -5.8016e+01  
309 0.0000e+00 0.0000e+00 0.0000e+00 1.5237e+01 4.3630e+00 -4.8504e+01  
310 0.0000e+00 0.0000e+00 0.0000e+00 2.5232e+01 2.4975e+01 -5.3160e+01  
300 0.0000e+00 0.0000e+00 0.0000e+00 1.4801e+01 3.5663e+01 -6.2672e+01

2237 298 0.0000e+00 0.0000e+00 0.0000e+00 -1.8646e+01 -3.9562e+01 -5.8856e+01  
308 0.0000e+00 0.0000e+00 0.0000e+00 -2.8049e+01 -3.2337e+01 -4.9318e+01  
309 0.0000e+00 0.0000e+00 0.0000e+00 -1.6078e+01 -1.0689e+01 -4.8005e+01  
299 0.0000e+00 0.0000e+00 0.0000e+00 -1.6238e+01 -7.3336e+00 -5.7574e+01

2238 297 0.0000e+00 0.0000e+00 0.0000e+00 -2.3603e+01 -8.9883e+01 -6.2805e+01  
307 0.0000e+00 0.0000e+00 0.0000e+00 -5.0159e+01 -7.6967e+01 -5.7474e+01  
308 0.0000e+00 0.0000e+00 0.0000e+00 -3.4897e+01 -4.6642e+01 -5.1040e+01  
298 0.0000e+00 0.0000e+00 0.0000e+00 -2.2325e+01 -4.6528e+01 -5.6388e+01

2239 296 0.0000e+00 0.0000e+00 0.0000e+00 3.2828e+01 -1.6376e+02 -5.7231e+01  
306 0.0000e+00 0.0000e+00 0.0000e+00 -6.2984e+01 -1.5580e+02 -6.8917e+01  
307 0.0000e+00 0.0000e+00 0.0000e+00 -5.8307e+01 -1.0490e+02 -6.4342e+01  
297 0.0000e+00 0.0000e+00 0.0000e+00 -2.5663e+01 -1.0615e+02 -5.2458e+01

2240 295 0.0000e+00 0.0000e+00 0.0000e+00 6.5023e+01 -2.2020e+02 3.5779e+01  
305 0.0000e+00 0.0000e+00 0.0000e+00 8.3728e+01 -3.1509e+02 -3.4140e+01  
306 0.0000e+00 0.0000e+00 0.0000e+00 -7.3612e+01 -2.2785e+02 -9.3920e+01  
296 0.0000e+00 0.0000e+00 0.0000e+00 5.9349e+01 -2.0371e+02 -2.6844e+01

2241 195 0.0000e+00 0.0000e+00 0.0000e+00 4.5172e+01 -1.2207e+02 1.9798e+02  
206 0.0000e+00 0.0000e+00 0.0000e+00 -7.5012e+01 -1.2818e+02 2.7387e+02  
305 0.0000e+00 0.0000e+00 0.0000e+00 6.4544e+01 -5.4304e+02 1.2024e+02  
295 0.0000e+00 0.0000e+00 0.0000e+00 1.2039e+02 -2.4134e+02 4.4662e+01

2242 293 0.0000e+00 0.0000e+00 0.0000e+00 -6.9088e+01 1.2447e+02 4.8500e+01  
303 0.0000e+00 0.0000e+00 0.0000e+00 -7.2569e+01 2.0031e+02 9.5128e+01  
304 0.0000e+00 0.0000e+00 0.0000e+00 1.7561e+01 9.5173e+01 1.4650e+02  
294 0.0000e+00 0.0000e+00 0.0000e+00 -4.2489e+01 6.8493e+01 9.9878e+01

2243 292 0.0000e+00 0.0000e+00 0.0000e+00 -7.4282e+01 1.4670e+02 -1.2155e+01  
302 0.0000e+00 0.0000e+00 0.0000e+00 -4.4047e+01 1.7833e+02 -2.7632e+01  
303 0.0000e+00 0.0000e+00 0.0000e+00 -7.3266e+01 2.1773e+02 2.9607e+01  
293 0.0000e+00 0.0000e+00 0.0000e+00 -7.4251e+01 1.3768e+02 4.4914e+01

2244 291 0.0000e+00 0.0000e+00 0.0000e+00 -4.6264e+01 1.0083e+02 -4.4012e+01  
301 0.0000e+00 0.0000e+00 0.0000e+00 -1.9498e+01 1.0752e+02 -6.7133e+01  
302 0.0000e+00 0.0000e+00 0.0000e+00 -4.8255e+01 1.5974e+02 -4.7040e+01  
292 0.0000e+00 0.0000e+00 0.0000e+00 -5.9041e+01 1.2641e+02 -2.4112e+01

2245 290 0.0000e+00 0.0000e+00 0.0000e+00 -2.3609e+01 4.8344e+01 -5.4086e+01  
300 0.0000e+00 0.0000e+00 0.0000e+00 1.4492e+01 4.9015e+01 -6.6629e+01  
301 0.0000e+00 0.0000e+00 0.0000e+00 -2.0947e+01 8.3407e+01 -6.5378e+01  
291 0.0000e+00 0.0000e+00 0.0000e+00 -3.6261e+01 8.1471e+01 -5.2853e+01

2246 289 0.0000e+00 0.0000e+00 0.0000e+00 -1.3921e+01 6.2591e+00 -5.5660e+01  
299 0.0000e+00 0.0000e+00 0.0000e+00 1.4621e+01 7.5671e+00 -6.2095e+01  
300 0.0000e+00 0.0000e+00 0.0000e+00 -1.4866e+01 3.0949e+01 -6.3934e+01  
290 0.0000e+00 0.0000e+00 0.0000e+00 -2.0695e+01 3.5586e+01 -5.7494e+01

2247 288 0.0000e+00 0.0000e+00 0.0000e+00 1.5654e+01 -3.5845e+01 -5.4523e+01  
298 0.0000e+00 0.0000e+00 0.0000e+00 1.6787e+01 -3.4054e+01 -6.0449e+01  
299 0.0000e+00 0.0000e+00 0.0000e+00 1.5367e+01 -1.1020e+01 -6.1433e+01  
289 0.0000e+00 0.0000e+00 0.0000e+00 -1.3783e+01 -7.3799e+00 -5.5482e+01

2248 287 0.0000e+00 0.0000e+00 0.0000e+00 2.7583e+01 -7.7957e+01 -4.7265e+01  
297 0.0000e+00 0.0000e+00 0.0000e+00 2.1390e+01 -8.2268e+01 -5.8124e+01  
298 0.0000e+00 0.0000e+00 0.0000e+00 1.7964e+01 -5.0961e+01 -6.1819e+01  
288 0.0000e+00 0.0000e+00 0.0000e+00 1.7815e+01 -4.7671e+01 -5.0865e+01

2249 286 0.0000e+00 0.0000e+00 0.0000e+00 4.6625e+01 -1.1745e+02 -1.8460e+01  
296 0.0000e+00 0.0000e+00 0.0000e+00 4.1814e+01 -1.5116e+02 -3.7730e+01  
297 0.0000e+00 0.0000e+00 0.0000e+00 2.2048e+01 -1.0409e+02 -5.8779e+01  
287 0.0000e+00 0.0000e+00 0.0000e+00 3.6086e+01 -9.5372e+01 -3.8459e+01

2250 285 0.0000e+00 0.0000e+00 0.0000e+00 5.8619e+01 -1.2418e+02 5.1590e+01  
295 0.0000e+00 0.0000e+00 0.0000e+00 6.2512e+01 -2.0274e+02 3.8327e+01  
296 0.0000e+00 0.0000e+00 0.0000e+00 3.9129e+01 -1.6710e+02 -1.9911e+01  
286 0.0000e+00 0.0000e+00 0.0000e+00 6.0072e+01 -1.3552e+02 -8.0576e+00

2251 184 0.0000e+00 0.0000e+00 0.0000e+00 2.7348e+01 -5.4363e+01 1.0638e+02  
195 0.0000e+00 0.0000e+00 0.0000e+00 -2.6857e+01 -8.2815e+01 1.5222e+02  
295 0.0000e+00 0.0000e+00 0.0000e+00 6.2323e+01 -1.8533e+02 1.0114e+02



	285	0.0000e+00	0.0000e+00	0.0000e+00	5.3137e+01	-1.1080e+02	5.5262e+01
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	-5.7545e+01	7.5229e+01	2.9622e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	-6.2880e+01	1.0912e+02	5.7972e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	-2.5382e+01	5.2237e+01	7.7143e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-3.8631e+01	4.7604e+01	4.8799e+01
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	-6.8952e+01	9.6898e+01	-3.6395e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	-6.2290e+01	1.2481e+02	-4.0342e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	-6.3149e+01	1.2153e+02	3.0189e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-6.4701e+01	8.8538e+01	2.8567e+01
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	-5.5290e+01	7.9163e+01	-2.5580e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	-4.3303e+01	9.1450e+01	-4.0046e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	-6.3617e+01	1.1657e+02	-2.1007e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-6.3519e+01	9.0652e+01	-7.0139e+00
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	-3.3016e+01	4.4341e+01	-3.6436e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	-2.5058e+01	4.7962e+01	-5.3070e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	-4.2943e+01	7.5876e+01	-4.6263e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-4.7216e+01	6.5838e+01	-2.9642e+01
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	-1.3162e+01	7.3653e+00	-3.9417e+01
	289	0.0000e+00	0.0000e+00	0.0000e+00	-1.3301e+01	8.4358e+00	-5.4301e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	-2.3682e+01	3.2053e+01	-5.3579e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-2.6774e+01	3.1025e+01	-3.8666e+01
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	1.5093e+01	-2.8811e+01	-3.7064e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	1.5708e+01	-3.1689e+01	-5.1290e+01
	289	0.0000e+00	0.0000e+00	0.0000e+00	-1.2750e+01	-8.9065e+00	-5.3745e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-1.0150e+01	-6.1275e+00	-3.9439e+01
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	3.2554e+01	-6.0545e+01	-2.6989e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	3.1328e+01	-7.1942e+01	-4.1644e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	1.6965e+01	-4.6604e+01	-4.9787e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	2.0246e+01	-4.1230e+01	-3.4888e+01
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	4.6025e+01	-8.1036e+01	-7.6897e+00
	286	0.0000e+00	0.0000e+00	0.0000e+00	4.8770e+01	-1.0753e+02	-1.6048e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	3.1705e+01	-8.5793e+01	-3.4995e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	3.9695e+01	-7.2303e+01	-2.2958e+01
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	4.4557e+01	-7.5054e+01	3.3653e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	4.6169e+01	-1.0845e+02	3.7078e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	4.7383e+01	-1.1396e+02	9.5048e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	5.0533e+01	-8.5704e+01	6.5818e+00
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	1.7182e+01	-3.2237e+01	5.4682e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	1.3264e+01	-3.8506e+01	8.3896e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	4.5621e+01	-9.5150e+01	6.4074e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	3.6957e+01	-6.1020e+01	3.4765e+01
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	-5.2614e+01	5.7331e+01	1.3017e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-5.6447e+01	7.0162e+01	3.1283e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-3.3406e+01	4.1279e+01	3.7959e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-3.8853e+01	4.0618e+01	1.9698e+01
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	-6.1675e+01	7.2605e+01	2.3125e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	-6.2287e+01	8.6713e+01	5.5972e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	-5.7495e+01	7.9944e+01	1.8822e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-5.7902e+01	6.6637e+01	1.4579e+01
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	-5.3342e+01	6.3568e+01	-1.0179e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-5.0775e+01	7.2110e+01	-1.9210e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-6.2181e+01	8.4444e+01	-8.3106e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-6.0097e+01	7.0613e+01	2.8810e+00
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	-3.4260e+01	3.8600e+01	-1.6041e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-3.1512e+01	4.1992e+01	-3.1565e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-4.8748e+01	6.2170e+01	-2.5906e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-4.7996e+01	5.4277e+01	-1.0427e+01
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.2319e+01	7.6128e+00	-1.8007e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-1.1944e+01	7.9265e+00	-3.5063e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-2.8226e+01	2.9049e+01	-3.3689e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-2.8041e+01	2.6587e+01	-1.6521e+01
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	1.3355e+01	-2.3109e+01	-1.6604e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	1.4922e+01	-2.6448e+01	-3.2808e+01

	279	0.0000e+00	0.0000e+00	0.0000e+00	-9.5636e+00	-6.1796e+00	-3.4701e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-7.5087e+00	-4.9035e+00	-1.8203e+01
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	3.1036e+01	-4.8006e+01	-1.1333e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	3.2826e+01	-5.6585e+01	-2.4107e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	1.7799e+01	-3.8538e+01	-3.0080e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	1.8865e+01	-3.4290e+01	-1.6433e+01
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	4.0596e+01	-6.0359e+01	7.1230e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	4.3639e+01	-7.4712e+01	-7.9400e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	3.4491e+01	-6.5076e+01	-1.7371e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	3.5775e+01	-5.5884e+01	-1.0975e+01
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	3.5771e+01	-5.2744e+01	1.7191e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	3.6538e+01	-6.6546e+01	2.3478e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	4.3258e+01	-7.5406e+01	1.0718e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	4.1541e+01	-6.0849e+01	5.7430e+00
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	1.5099e+01	-2.5732e+01	2.3561e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	1.1593e+01	-2.6183e+01	4.3289e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	3.4917e+01	-5.5641e+01	3.5818e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	2.9955e+01	-4.2485e+01	1.5782e+01
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	-4.9872e+01	5.5206e+01	-1.7812e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	-5.2562e+01	5.6502e+01	1.2867e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-3.7339e+01	3.8831e+01	1.2553e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-3.7247e+01	4.0720e+01	-2.2758e+00
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	-5.6126e+01	6.6617e+01	2.6540e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-5.9027e+01	6.9388e+01	5.8197e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	-5.4522e+01	6.3575e+01	7.6305e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	-5.3042e+01	6.2336e+01	4.0421e+00
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	-4.8744e+01	5.8213e+01	4.1164e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	-5.0685e+01	6.0578e+01	-4.2560e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-5.8240e+01	6.8093e+01	-2.6607e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	-5.5685e+01	6.5266e+01	6.6150e+00
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	-3.2007e+01	3.5931e+01	4.8959e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	-3.2702e+01	3.7038e+01	-1.0138e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-4.7554e+01	5.2788e+01	-8.2729e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	-4.5322e+01	5.0290e+01	6.5332e+00
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.2315e+01	7.8232e+00	5.9308e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.1539e+01	7.4112e+00	-1.2867e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-2.8307e+01	2.6009e+01	-1.1883e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.7150e+01	2.4760e+01	5.8012e+00
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	1.3457e+01	-2.1152e+01	7.3804e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	1.3359e+01	-2.2358e+01	-1.2793e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-7.7978e+00	-4.5859e+00	-1.2741e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-8.6160e+00	-5.1579e+00	5.9365e+00
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	2.9378e+01	-4.3877e+01	8.4437e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	3.0496e+01	-4.6351e+01	-1.0071e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	1.7303e+01	-3.2618e+01	-1.0957e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	1.7734e+01	-3.1491e+01	6.6548e+00
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	3.7392e+01	-5.4789e+01	7.6911e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	3.8737e+01	-5.7717e+01	5.9632e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	3.3116e+01	-5.2778e+01	-7.0307e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	3.2475e+01	-5.0360e+01	6.6458e+00
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	3.2344e+01	-4.8480e+01	3.7538e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	3.2418e+01	-4.9695e+01	9.5167e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	3.8818e+01	-5.7472e+01	8.3041e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	3.7522e+01	-5.4573e+01	4.4898e+00
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	1.6565e+01	-2.8507e+01	-6.2484e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	1.3761e+01	-2.4722e+01	1.6133e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	2.9755e+01	-4.1683e+01	1.4915e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	2.8980e+01	-4.0664e+01	-1.7945e+00
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	-4.6773e+01	6.6159e+01	-1.4746e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-4.9786e+01	5.7290e+01	-1.8545e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	-3.7718e+01	4.2227e+01	-8.0124e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	-3.2569e+01	4.6593e+01	-2.1411e+01
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	-5.0209e+01	7.5661e+01	3.8723e+00

	262	0.0000e+00	0.0000e+00	0.0000e+00	-5.6033e+01	6.8441e+01	6.1430e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	-5.2537e+01	6.3825e+01	-2.8832e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-4.8400e+01	7.2584e+01	-5.2790e+00
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	-4.2052e+01	6.2550e+01	1.6694e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-4.8112e+01	5.8938e+01	9.3987e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	-5.4320e+01	6.6344e+01	4.8188e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	-5.0387e+01	7.2629e+01	1.1834e+01
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.7982e+01	3.7297e+01	2.2974e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-3.1380e+01	3.5777e+01	1.0187e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-4.4025e+01	5.1106e+01	8.3739e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	-4.0288e+01	5.3393e+01	2.1150e+01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.4487e+01	8.4428e+00	2.4788e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.2794e+01	7.3684e+00	1.0238e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.6633e+01	2.5448e+01	9.8095e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.5166e+01	2.5475e+01	2.4585e+01
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	1.6904e+01	-2.2724e+01	2.3780e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	1.4281e+01	-2.1812e+01	1.0111e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-9.7721e+00	-4.9722e+00	1.0428e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.3251e+01	-6.7697e+00	2.4570e+01
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	2.9808e+01	-4.7775e+01	1.9326e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	2.9348e+01	-4.4603e+01	9.0481e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	1.8346e+01	-3.1469e+01	1.0697e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	1.9399e+01	-3.3691e+01	2.1742e+01
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	3.8166e+01	-6.2594e+01	9.4323e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	3.7420e+01	-5.5734e+01	5.8784e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	3.2903e+01	-5.1130e+01	9.7657e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	3.1741e+01	-5.5349e+01	1.4605e+01
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	3.4440e+01	-5.8916e+01	-8.3765e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	3.3217e+01	-4.9941e+01	-3.7128e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	3.8278e+01	-5.6294e+01	5.9049e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	3.8356e+01	-6.3807e+01	-3.9793e+00
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	2.1958e+01	-3.7775e+01	-2.3970e+01
	151	0.0000e+00	0.0000e+00	0.0000e+00	1.7932e+01	-3.0871e+01	-1.0466e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	2.9656e+01	-4.3007e+01	-2.4843e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	3.3453e+01	-5.2034e+01	-1.7143e+01
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	-4.1584e+01	9.2084e+01	-2.9353e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-4.6648e+01	7.2093e+01	-1.3551e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-3.5612e+01	5.1831e+01	-2.9213e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-2.6374e+01	6.3081e+01	-4.5028e+01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	-3.9205e+01	9.5619e+01	8.1699e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	-5.1706e+01	8.2536e+01	7.6033e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-4.9953e+01	7.8623e+01	-1.1330e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-4.1632e+01	1.0210e+02	-1.0797e+01
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	-3.0675e+01	7.1702e+01	2.9277e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-4.2079e+01	6.6081e+01	2.0805e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-4.8441e+01	7.7283e+01	1.0806e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-4.0008e+01	9.1859e+01	1.9157e+01
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	-2.2918e+01	3.9755e+01	3.7376e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.7606e+01	3.7828e+01	2.6774e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-3.7837e+01	5.6627e+01	2.3158e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-3.0588e+01	6.2020e+01	3.3753e+01
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	-1.9003e+01	7.9572e+00	3.9373e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.5878e+01	7.4537e+00	2.8272e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.4242e+01	2.7577e+01	2.7821e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-2.2481e+01	2.8612e+01	3.8952e+01
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	2.2189e+01	-2.7230e+01	3.7576e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	1.8432e+01	-2.4830e+01	2.6634e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.4987e+01	-6.2414e+00	2.8270e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-1.9370e+01	-7.5833e+00	3.9283e+01
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	3.1141e+01	-5.7917e+01	3.0723e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	3.0251e+01	-5.0888e+01	2.0712e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	2.1421e+01	-3.4606e+01	2.5601e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	2.3556e+01	-3.7716e+01	3.5780e+01

2299	236	0.0000e+00	0.0000e+00	0.0000e+00	4.1668e+01	-8.3056e+01	1.4336e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	3.9620e+01	-6.6977e+01	7.7388e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	3.4418e+01	-5.9244e+01	1.8454e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	3.2535e+01	-6.6170e+01	2.5901e+01
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	4.3203e+01	-8.7878e+01	-1.6656e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	3.9527e+01	-6.4600e+01	-1.5350e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	4.2274e+01	-7.0640e+01	4.5694e+00
	236	0.0000e+00	0.0000e+00	0.0000e+00	4.2521e+01	-8.4883e+01	3.5679e+00
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	-3.4423e+01	-5.5639e+01	-4.8673e+01
	140	0.0000e+00	0.0000e+00	0.0000e+00	2.5911e+01	-4.3125e+01	-3.1899e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	3.5118e+01	-5.7888e+01	-1.6826e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	4.5234e+01	-7.6959e+01	-3.4036e+01
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	-3.9410e+01	1.7634e+02	-3.8570e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-4.7794e+01	1.0837e+02	-1.9255e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-3.1204e+01	7.3181e+01	-5.4708e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	4.2497e+01	7.5831e+01	-7.4055e+01
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	3.2952e+01	1.4084e+02	2.1124e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-4.3697e+01	1.0890e+02	1.3537e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-4.0872e+01	1.1171e+02	-1.2131e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-3.6717e+01	1.2968e+02	-4.8518e+00
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	2.7775e+01	9.5066e+01	3.6709e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-3.0709e+01	7.6283e+01	3.1693e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-3.4158e+01	9.9328e+01	2.3255e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-3.0079e+01	9.7273e+01	2.8243e+01
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	2.4635e+01	5.3364e+01	4.2514e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-2.3275e+01	4.0080e+01	3.9406e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-2.6139e+01	6.7086e+01	3.6974e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-2.5579e+01	5.8527e+01	4.0089e+01
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.4625e+01	1.5781e+01	4.4377e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-2.0839e+01	6.4556e+00	4.1582e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-2.1401e+01	3.1743e+01	4.1433e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-2.3915e+01	2.1271e+01	4.4223e+01
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	-2.7999e+01	-2.1314e+01	4.3424e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-2.3596e+01	-3.0279e+01	4.0215e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-2.1000e+01	-6.3831e+00	4.1511e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.5412e+01	-1.6045e+01	4.4687e+01
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	-3.4910e+01	-5.6624e+01	3.8599e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	3.1065e+01	-6.2719e+01	3.4175e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	2.5865e+01	-3.8465e+01	3.8034e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-3.0107e+01	-5.2111e+01	4.2390e+01
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	-4.6496e+01	-9.1802e+01	2.5566e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	4.1849e+01	-8.9995e+01	1.8238e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	3.6106e+01	-7.1460e+01	2.8800e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-3.8087e+01	-9.0403e+01	3.6035e+01
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	6.2197e+01	-1.1891e+02	-1.1471e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	5.1280e+01	-9.6584e+01	-1.9478e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	5.1157e+01	-9.8810e+01	8.9144e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	-4.9968e+01	-1.3025e+02	1.8820e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	-6.5032e+01	-7.0149e+01	-7.7781e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	4.1105e+01	-6.4542e+01	-5.7996e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	5.3487e+01	-9.1842e+01	-2.4851e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	6.8399e+01	-1.5576e+02	-4.4794e+01
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	1.3969e+02	2.7750e+01	-3.4662e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	6.1871e+01	2.1106e+02	-5.2181e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-6.7847e+01	1.0735e+02	-1.2707e+02
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.9580e+02	4.4949e+02	-9.8248e+01
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	9.3770e+01	2.0689e+01	1.4972e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	5.9436e+01	1.3865e+02	-5.6585e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	-4.5847e+01	1.6120e+02	-2.0224e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	1.3738e+02	3.1586e+02	-2.6262e+01
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	6.0841e+01	-1.0509e+01	1.5290e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	4.6916e+01	8.8848e+01	1.8525e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	3.4696e+01	1.1774e+02	1.2368e+01

	231	0.0000e+00	0.0000e+00	0.0000e+00	9.3816e+01	2.3092e+02	1.2157e+01
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	3.8407e+01	-3.9808e+01	2.2201e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	3.5987e+01	4.6319e+01	2.6487e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	2.7478e+01	7.2475e+01	2.2881e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	6.1826e+01	1.6600e+02	1.8900e+01
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.9170e+01	-7.3248e+01	2.6258e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	2.9873e+01	7.8854e+00	2.9619e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-2.5559e+01	3.1380e+01	2.8166e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	3.9834e+01	1.1417e+02	2.4708e+01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-3.7368e+01	-1.1161e+02	2.7173e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	2.9819e+01	-3.0814e+01	2.9336e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.9480e+01	-7.9858e+00	2.9654e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-3.0144e+01	7.1745e+01	2.7086e+01
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-5.7297e+01	-1.5752e+02	2.5998e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-3.6064e+01	-6.9536e+01	2.5847e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-3.7979e+01	-4.5299e+01	2.7696e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-3.7498e+01	3.6002e+01	2.6756e+01
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-8.5453e+01	-2.1438e+02	2.5936e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-4.8576e+01	-1.1050e+02	1.9162e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-5.0268e+01	-8.5159e+01	2.1543e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-5.7366e+01	8.4091e+00	2.5850e+01
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-1.2260e+02	-2.8810e+02	-3.5337e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-7.4812e+01	-1.4658e+02	-2.4841e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-6.6242e+01	-1.3112e+02	-1.3145e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-8.6069e+01	-2.6444e+01	-3.0110e+01
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.0369e+02	-4.0107e+02	-9.3996e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	8.2018e+01	-9.5614e+01	-1.3288e+02
	216	0.0000e+00	0.0000e+00	0.0000e+00	-9.4602e+01	-1.9149e+02	-5.2581e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	-1.2527e+02	-3.7620e+01	-4.9625e+01
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	-1.7086e+02	6.9473e+02	6.7318e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	4.8874e+02	2.1271e+02	-1.9081e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	4.0554e+02	1.9671e+03	4.1669e+02
	206	0.0000e+00	0.0000e+00	0.0000e+00	-3.7803e+02	2.0649e+02	6.5285e+02
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	1.1730e+02	1.8671e+02	-4.7480e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	1.9420e+02	1.5374e+02	-3.1850e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	3.0918e+02	3.5950e+02	-5.8446e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	9.7141e+01	3.9057e+02	-7.7428e+01
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	7.8773e+01	5.5427e+01	-4.2759e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	1.0694e+02	5.1323e+01	-1.6825e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	1.5693e+02	1.3474e+02	-3.1804e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	9.5753e+01	1.6676e+02	-5.9620e+01
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	4.1193e+01	-2.9383e+01	-2.9838e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	5.1803e+01	-3.0291e+01	-7.0230e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	8.4042e+01	3.1085e+01	-1.6029e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	6.0130e+01	4.9211e+01	-3.9384e+01
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	1.1123e+01	-9.4617e+01	-2.0949e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	1.3345e+01	-9.6152e+01	1.4335e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	3.5421e+01	-4.5760e+01	-6.1701e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	2.6556e+01	-3.8443e+01	-2.6149e+01
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	-2.1308e+01	-1.6394e+02	-1.6431e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	-2.5161e+01	-1.6455e+02	6.0342e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	-8.7976e+00	-1.1236e+02	1.4965e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	-9.0284e+00	-1.0695e+02	-1.8571e+01
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	-4.7570e+01	-2.4339e+02	-1.5792e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-5.8908e+01	-2.4211e+02	1.1797e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	-3.8839e+01	-1.8224e+02	8.1152e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	-3.3805e+01	-1.7782e+02	-1.5228e+01
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	-7.1021e+01	-3.4549e+02	-1.7180e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	-9.8158e+01	-3.4154e+02	1.7770e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-7.4938e+01	-2.6270e+02	1.4700e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	-6.0817e+01	-2.5815e+02	-1.4609e+01
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	-6.1997e+01	-5.0172e+02	1.7796e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.5610e+02	-5.0894e+02	2.3430e+01

	208	0.0000e+00	0.0000e+00	0.0000e+00	-1.1939e+02	-3.6370e+02	1.9754e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	-8.2648e+01	-3.6790e+02	-1.4176e+01
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	1.1787e+02	-5.4123e+02	3.3685e+02
	12	0.0000e+00	0.0000e+00	0.0000e+00	-1.3649e+02	-1.2772e+03	2.1990e+02
	207	0.0000e+00	0.0000e+00	0.0000e+00	-2.3221e+02	-4.7384e+02	-5.1762e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	2.2931e+01	-6.4249e+02	7.9613e+01
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	-1.0776e+02	1.8401e+02	7.4662e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	-1.0250e+02	4.4338e+02	1.6211e+02
	206	0.0000e+00	0.0000e+00	0.0000e+00	7.1671e+01	8.0846e+01	2.8980e+02
	195	0.0000e+00	0.0000e+00	0.0000e+00	-7.6374e+01	5.9488e+01	2.0198e+02
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	-8.5435e+01	1.8043e+02	-1.0439e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	5.2010e+01	2.2300e+02	-7.9171e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	-1.1417e+02	3.1122e+02	-7.4099e+00
	194	0.0000e+00	0.0000e+00	0.0000e+00	-7.8037e+01	1.7953e+02	7.3339e+01
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	-2.5340e+01	7.8643e+01	-3.7734e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	4.3885e+01	7.8451e+01	-5.9549e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	4.3172e+01	1.3983e+02	-5.8749e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	-5.0356e+01	1.3789e+02	-3.7283e+01
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	1.2335e+01	-2.1815e+01	-4.3018e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	2.6150e+01	-2.1283e+01	-4.2971e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	3.5714e+01	4.0130e+01	-5.0546e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	-1.9615e+01	5.3872e+01	-5.0406e+01
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	-8.1831e+00	-8.6617e+01	-3.9929e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	8.8120e+00	-8.7604e+01	-3.2920e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	1.7864e+01	-4.2671e+01	-3.9082e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	-1.1073e+01	-3.2935e+01	-4.5866e+01
2337	189	0.0000e+00	0.0000e+00	0.0000e+00	-1.4434e+01	-1.5781e+02	-3.5395e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	-2.0273e+01	-1.5792e+02	-2.7579e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	-1.0995e+01	-1.0991e+02	-3.1381e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	-1.2827e+01	-1.0148e+02	-3.9100e+01
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	-1.9878e+01	-2.3431e+02	-2.8916e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	-3.7637e+01	-2.3526e+02	-2.4520e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	-2.9496e+01	-1.8167e+02	-2.7561e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	-2.0310e+01	-1.7440e+02	-3.1955e+01
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	-1.3402e+01	-3.1643e+02	-1.5249e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	-4.5148e+01	-3.2920e+02	-1.8652e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	-4.7193e+01	-2.6513e+02	-2.6410e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	-2.1450e+01	-2.5574e+02	-2.1096e+01
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	1.0374e+01	-3.7858e+02	6.6174e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	-9.4250e+00	-4.6084e+02	3.6413e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	-5.6539e+01	-3.7660e+02	-2.2278e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	9.2010e+00	-3.4694e+02	1.9180e+01
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	-4.1333e+01	-3.4170e+02	1.9680e+02
	196	0.0000e+00	0.0000e+00	0.0000e+00	-4.4361e+01	-4.6419e+02	2.2052e+02
	197	0.0000e+00	0.0000e+00	0.0000e+00	-2.2432e+01	-5.3129e+02	1.0330e+02
	186	0.0000e+00	0.0000e+00	0.0000e+00	2.8594e+01	-3.9605e+02	8.0037e+01
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	-4.4316e+01	6.6324e+01	6.9415e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	-6.6616e+01	1.3492e+02	1.2079e+02
	195	0.0000e+00	0.0000e+00	0.0000e+00	2.6715e+01	3.0407e+01	1.5951e+02
	184	0.0000e+00	0.0000e+00	0.0000e+00	-2.4196e+01	1.2874e+01	1.0797e+02
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	-6.1772e+01	9.6045e+01	1.7643e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	-4.9131e+01	1.3461e+02	1.3664e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	-6.5656e+01	1.6256e+02	6.3048e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	-5.4492e+01	8.2263e+01	6.8862e+01
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	-4.5088e+01	5.7642e+01	-2.5612e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	-2.4342e+01	7.0134e+01	-4.3313e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	-5.0955e+01	1.2727e+02	-1.8408e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	-5.3275e+01	8.1697e+01	1.4016e+01
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	-2.6043e+01	-2.2008e+01	-3.9434e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	-1.3571e+01	-2.0471e+01	-5.0493e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	-2.6124e+01	4.7495e+01	-4.4722e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	-3.6865e+01	3.7673e+01	-3.3992e+01
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	-1.6086e+01	-8.0797e+01	-4.2273e+01

190 0.0000e+00 0.0000e+00 0.0000e+00 -1.0930e+01 -8.1434e+01 -4.7026e+01  
191 0.0000e+00 0.0000e+00 0.0000e+00 -1.5699e+01 -3.6846e+01 -4.8418e+01  
180 0.0000e+00 0.0000e+00 0.0000e+00 -2.3682e+01 -3.4951e+01 -4.3564e+01

2347 178 0.0000e+00 0.0000e+00 0.0000e+00 -1.2794e+01 -1.4780e+02 -3.8412e+01  
189 0.0000e+00 0.0000e+00 0.0000e+00 -1.3991e+01 -1.5169e+02 -4.0898e+01  
190 0.0000e+00 0.0000e+00 0.0000e+00 -1.5369e+01 -1.0394e+02 -4.5265e+01  
179 0.0000e+00 0.0000e+00 0.0000e+00 -1.7053e+01 -9.8091e+01 -4.2556e+01

2348 177 0.0000e+00 0.0000e+00 0.0000e+00 -1.2436e+01 -2.1415e+02 -2.7303e+01  
188 0.0000e+00 0.0000e+00 0.0000e+00 -1.5909e+01 -2.2631e+02 -3.0573e+01  
189 0.0000e+00 0.0000e+00 0.0000e+00 -1.9722e+01 -1.7468e+02 -3.9416e+01  
178 0.0000e+00 0.0000e+00 0.0000e+00 -1.4063e+01 -1.6599e+02 -3.5461e+01

2349 176 0.0000e+00 0.0000e+00 0.0000e+00 -1.4823e+01 -2.7067e+02 1.8069e+01  
187 0.0000e+00 0.0000e+00 0.0000e+00 -1.1800e+01 -3.0473e+02 -1.3926e+01  
188 0.0000e+00 0.0000e+00 0.0000e+00 -2.2241e+01 -2.4929e+02 -2.7410e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 -1.2390e+01 -2.3358e+02 -2.2069e+01

2350 175 0.0000e+00 0.0000e+00 0.0000e+00 -1.5862e+01 -2.9295e+02 6.6359e+01  
186 0.0000e+00 0.0000e+00 0.0000e+00 -1.4236e+01 -3.5990e+02 6.2630e+01  
187 0.0000e+00 0.0000e+00 0.0000e+00 -1.7963e+01 -3.1967e+02 2.0589e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 -1.5753e+01 -2.8694e+02 2.4781e+01

2351 174 0.0000e+00 0.0000e+00 0.0000e+00 -6.5979e+01 -2.4607e+02 1.3064e+02  
185 0.0000e+00 0.0000e+00 0.0000e+00 -3.0883e+01 -3.0213e+02 1.6033e+02  
186 0.0000e+00 0.0000e+00 0.0000e+00 -1.6309e+01 -3.5805e+02 1.0215e+02  
175 0.0000e+00 0.0000e+00 0.0000e+00 -1.8277e+01 -2.8557e+02 7.3184e+01

2352 172 0.0000e+00 0.0000e+00 0.0000e+00 -2.2283e+01 2.3601e+01 4.1914e+01  
183 0.0000e+00 0.0000e+00 0.0000e+00 -3.6167e+01 5.4192e+01 7.3875e+01  
184 0.0000e+00 0.0000e+00 0.0000e+00 1.3542e+01 -9.5605e+00 8.7483e+01  
173 0.0000e+00 0.0000e+00 0.0000e+00 -7.3444e+00 -6.2874e+00 5.5097e+01

2353 171 0.0000e+00 0.0000e+00 0.0000e+00 -4.2183e+01 4.5031e+01 1.8409e+01  
182 0.0000e+00 0.0000e+00 0.0000e+00 -4.4936e+01 7.4467e+01 2.5635e+01  
183 0.0000e+00 0.0000e+00 0.0000e+00 -3.7670e+01 6.7919e+01 5.1362e+01  
172 0.0000e+00 0.0000e+00 0.0000e+00 -3.1739e+01 3.6293e+01 4.1877e+01

2354 170 0.0000e+00 0.0000e+00 0.0000e+00 -4.1660e+01 2.9824e+01 -2.1339e+01  
181 0.0000e+00 0.0000e+00 0.0000e+00 -3.5802e+01 4.4750e+01 -2.4513e+01  
182 0.0000e+00 0.0000e+00 0.0000e+00 -4.7115e+01 7.2542e+01 -1.4056e+01  
171 0.0000e+00 0.0000e+00 0.0000e+00 -4.2415e+01 4.1827e+01 1.8255e+01

2355 169 0.0000e+00 0.0000e+00 0.0000e+00 -3.1672e+01 -2.7976e+01 -3.3190e+01  
180 0.0000e+00 0.0000e+00 0.0000e+00 -2.4337e+01 -2.3895e+01 -4.1467e+01  
181 0.0000e+00 0.0000e+00 0.0000e+00 -3.7849e+01 3.3262e+01 -3.1744e+01  
170 0.0000e+00 0.0000e+00 0.0000e+00 -3.8281e+01 2.0512e+01 -2.4893e+01

2356 168 0.0000e+00 0.0000e+00 0.0000e+00 -2.2277e+01 -7.9566e+01 -3.7790e+01  
179 0.0000e+00 0.0000e+00 0.0000e+00 -1.6877e+01 -7.9496e+01 -4.5298e+01  
180 0.0000e+00 0.0000e+00 0.0000e+00 -2.6592e+01 -3.7729e+01 -4.3216e+01  
169 0.0000e+00 0.0000e+00 0.0000e+00 -2.9227e+01 -4.1731e+01 -3.5858e+01

2357 167 0.0000e+00 0.0000e+00 0.0000e+00 -1.8320e+01 -1.3809e+02 -3.5380e+01  
178 0.0000e+00 0.0000e+00 0.0000e+00 -1.3902e+01 -1.4381e+02 -4.1073e+01  
179 0.0000e+00 0.0000e+00 0.0000e+00 -1.9982e+01 -9.8722e+01 -4.4498e+01  
168 0.0000e+00 0.0000e+00 0.0000e+00 -2.1743e+01 -9.6473e+01 -3.8468e+01

2358 166 0.0000e+00 0.0000e+00 0.0000e+00 -2.0068e+01 -1.9288e+02 -2.6491e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 -1.4453e+01 -2.0772e+02 -2.9234e+01  
178 0.0000e+00 0.0000e+00 0.0000e+00 -1.7716e+01 -1.6292e+02 -3.8310e+01  
167 0.0000e+00 0.0000e+00 0.0000e+00 -1.8959e+01 -1.5502e+02 -3.4173e+01

2359 165 0.0000e+00 0.0000e+00 0.0000e+00 -2.5028e+01 -2.3233e+02 2.2048e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 -1.7371e+01 -2.6058e+02 -1.7879e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 -1.8096e+01 -2.2370e+02 -2.3744e+01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -2.1109e+01 -2.0753e+02 -2.4727e+01

2360 164 0.0000e+00 0.0000e+00 0.0000e+00 -3.0886e+01 -2.3856e+02 4.7965e+01  
175 0.0000e+00 0.0000e+00 0.0000e+00 -2.8760e+01 -2.7794e+02 5.4720e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 -2.0838e+01 -2.6759e+02 2.7253e+01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -2.6022e+01 -2.3973e+02 2.4348e+01

2361 163 0.0000e+00 0.0000e+00 0.0000e+00 -7.6676e+01 -1.9297e+02 8.3434e+01  
174 0.0000e+00 0.0000e+00 0.0000e+00 -4.0264e+01 -2.2352e+02 1.0986e+02  
175 0.0000e+00 0.0000e+00 0.0000e+00 -3.1703e+01 -2.7011e+02 7.7406e+01  
164 0.0000e+00 0.0000e+00 0.0000e+00 -3.5551e+01 -2.2706e+02 5.2472e+01

2362	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.3492e+01	1.2102e+01	2.0136e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-1.9080e+01	2.0453e+01	3.9827e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	9.3935e+00	-1.0596e+01	4.4987e+01
	162	0.0000e+00	0.0000e+00	0.0000e+00	7.5259e+00	-1.2780e+01	2.3710e+01
2363	160	0.0000e+00	0.0000e+00	0.0000e+00	-2.9806e+01	2.2740e+01	-1.7483e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-3.3069e+01	3.6167e+01	2.1324e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-2.2072e+01	2.8727e+01	3.0877e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-2.0067e+01	1.8235e+01	2.1721e+01
2364	159	0.0000e+00	0.0000e+00	0.0000e+00	-3.4815e+01	-1.8545e+01	-2.3636e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-3.3950e+01	2.3491e+01	-2.1444e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-3.5747e+01	3.6070e+01	-1.6974e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-3.2611e+01	2.2606e+01	-1.9418e+01
2365	158	0.0000e+00	0.0000e+00	0.0000e+00	-3.1750e+01	-3.6867e+01	-3.0741e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-2.8069e+01	-3.1801e+01	-3.3578e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-3.6002e+01	1.9292e+01	-2.6653e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-3.4744e+01	-1.9355e+01	-2.5294e+01
2366	157	0.0000e+00	0.0000e+00	0.0000e+00	-2.7280e+01	-8.1197e+01	-3.4362e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-2.2116e+01	-8.0441e+01	-3.9194e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-2.9972e+01	-4.3649e+01	-3.6509e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-3.1115e+01	-4.8994e+01	-3.2100e+01
2367	156	0.0000e+00	0.0000e+00	0.0000e+00	-2.6483e+01	-1.3172e+02	-3.3816e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-2.0306e+01	-1.3616e+02	-3.7633e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-2.4501e+01	-9.6164e+01	-3.9306e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-2.7479e+01	-9.6226e+01	-3.5161e+01
2368	155	0.0000e+00	0.0000e+00	0.0000e+00	-2.9787e+01	-1.7767e+02	-2.9682e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	-2.3081e+01	-1.8847e+02	-2.9758e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-2.3105e+01	-1.5158e+02	-3.5270e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	-2.7596e+01	-1.4636e+02	-3.4029e+01
2369	154	0.0000e+00	0.0000e+00	0.0000e+00	-3.5698e+01	-2.0722e+02	-2.6037e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-2.8375e+01	-2.2502e+02	-2.2183e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	-2.5813e+01	-2.0002e+02	-2.5834e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	-3.1238e+01	-1.8867e+02	-2.9689e+01
2370	153	0.0000e+00	0.0000e+00	0.0000e+00	-4.4561e+01	-2.0608e+02	3.2062e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	-4.1934e+01	-2.2829e+02	3.8364e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-3.1729e+01	-2.2835e+02	2.5852e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	-3.7356e+01	-2.1032e+02	-2.6169e+01
2371	152	0.0000e+00	0.0000e+00	0.0000e+00	-7.8400e+01	-1.6067e+02	4.7758e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	-5.7068e+01	-1.7977e+02	6.9180e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	-4.5528e+01	-2.1830e+02	5.2248e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	-4.8635e+01	-1.9459e+02	3.4618e+01
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	-1.4982e+01	-1.8339e+01	-1.5184e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.2607e+01	1.3915e+01	1.8116e+01
	162	0.0000e+00	0.0000e+00	0.0000e+00	1.0352e+01	-1.6094e+01	1.7323e+01
	151	0.0000e+00	0.0000e+00	0.0000e+00	1.3175e+01	-2.0875e+01	-9.5933e+00
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	-2.6823e+01	2.1447e+01	-2.2748e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-2.6106e+01	2.1626e+01	-1.9071e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.6356e+01	1.6972e+01	1.6764e+01
	150	0.0000e+00	0.0000e+00	0.0000e+00	-1.8546e+01	1.9679e+01	-1.7565e+01
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	-3.2739e+01	-2.2328e+01	-2.8337e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-3.1124e+01	-1.9577e+01	-2.4713e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-2.9159e+01	2.1290e+01	-2.0726e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	-2.9738e+01	2.1411e+01	-2.4192e+01
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	-3.3265e+01	-4.3662e+01	-3.2205e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-2.9896e+01	-3.9899e+01	-3.1593e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-3.3184e+01	-2.1099e+01	-2.8010e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	-3.4149e+01	-2.5304e+01	-2.9253e+01
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	-3.2752e+01	-8.3734e+01	-3.4581e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-2.7722e+01	-8.2490e+01	-3.5824e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-3.1661e+01	-5.0325e+01	-3.3881e+01
	147	0.0000e+00	0.0000e+00	0.0000e+00	-3.4078e+01	-5.4190e+01	-3.3039e+01
2377	145	0.0000e+00	0.0000e+00	0.0000e+00	-3.4409e+01	-1.2946e+02	-3.5361e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	-2.8519e+01	-1.3115e+02	-3.6277e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-2.9779e+01	-9.5983e+01	-3.6392e+01



146 0.0000e+00 0.0000e+00 0.0000e+00 -3.3813e+01 -9.7129e+01 -3.5412e+01

2378 144 0.0000e+00 0.0000e+00 0.0000e+00 -3.8397e+01 -1.7057e+02 -3.4567e+01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -3.2472e+01 -1.7526e+02 -3.3147e+01  
156 0.0000e+00 0.0000e+00 0.0000e+00 -3.0825e+01 -1.4430e+02 -3.5147e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -3.5844e+01 -1.4233e+02 -3.6165e+01

2379 143 0.0000e+00 0.0000e+00 0.0000e+00 -4.4006e+01 -1.9536e+02 -3.2608e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -3.8475e+01 -2.0289e+02 -2.8329e+01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -3.4801e+01 -1.8464e+02 -3.0930e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -3.9918e+01 -1.7948e+02 -3.5353e+01

2380 142 0.0000e+00 0.0000e+00 0.0000e+00 -5.3169e+01 -1.9028e+02 -3.0101e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -5.0486e+01 -1.9984e+02 2.7746e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -4.1394e+01 -2.0485e+02 -2.7393e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -4.5615e+01 -1.9627e+02 -3.3256e+01

2381 141 0.0000e+00 0.0000e+00 0.0000e+00 -7.2425e+01 -1.4161e+02 -2.7679e+01  
152 0.0000e+00 0.0000e+00 0.0000e+00 -7.2598e+01 -1.5390e+02 3.7998e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -5.4290e+01 -1.8791e+02 3.4058e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -5.5503e+01 -1.7932e+02 -3.0269e+01

2382 139 0.0000e+00 0.0000e+00 0.0000e+00 -2.3294e+01 -2.7947e+01 -3.0424e+01  
150 0.0000e+00 0.0000e+00 0.0000e+00 -1.5424e+01 -2.1418e+01 -1.7905e+01  
151 0.0000e+00 0.0000e+00 0.0000e+00 1.4243e+01 -2.3862e+01 -1.2764e+01  
140 0.0000e+00 0.0000e+00 0.0000e+00 2.1260e+01 -3.0671e+01 -2.7348e+01

2383 138 0.0000e+00 0.0000e+00 0.0000e+00 -3.1833e+01 2.8423e+01 -3.1401e+01  
149 0.0000e+00 0.0000e+00 0.0000e+00 -2.6938e+01 2.3867e+01 -2.4418e+01  
150 0.0000e+00 0.0000e+00 0.0000e+00 -1.9177e+01 -2.1914e+01 -2.1183e+01  
139 0.0000e+00 0.0000e+00 0.0000e+00 -2.5206e+01 2.8418e+01 -2.9181e+01

2384 137 0.0000e+00 0.0000e+00 0.0000e+00 -3.5919e+01 -2.6628e+01 -3.3077e+01  
148 0.0000e+00 0.0000e+00 0.0000e+00 -3.2663e+01 -2.4084e+01 -2.9605e+01  
149 0.0000e+00 0.0000e+00 0.0000e+00 -2.9780e+01 -2.3005e+01 -2.7448e+01  
138 0.0000e+00 0.0000e+00 0.0000e+00 -3.3995e+01 2.6996e+01 -3.0887e+01

2385 136 0.0000e+00 0.0000e+00 0.0000e+00 -3.6991e+01 -4.7160e+01 -3.5257e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -3.3504e+01 -4.5048e+01 -3.3575e+01  
148 0.0000e+00 0.0000e+00 0.0000e+00 -3.4287e+01 -2.7011e+01 -3.1866e+01  
137 0.0000e+00 0.0000e+00 0.0000e+00 -3.7533e+01 -2.8666e+01 -3.3588e+01

2386 135 0.0000e+00 0.0000e+00 0.0000e+00 -3.7997e+01 -8.6264e+01 -3.7208e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -3.3780e+01 -8.4738e+01 -3.6381e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -3.4982e+01 -5.5098e+01 -3.5030e+01  
136 0.0000e+00 0.0000e+00 0.0000e+00 -3.8268e+01 -5.7228e+01 -3.6087e+01

2387 134 0.0000e+00 0.0000e+00 0.0000e+00 -4.0419e+01 -1.3058e+02 -3.8588e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -3.6072e+01 -1.2975e+02 -3.7758e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -3.5561e+01 -9.7315e+01 -3.7021e+01  
135 0.0000e+00 0.0000e+00 0.0000e+00 -3.9278e+01 -9.9186e+01 -3.8057e+01

2388 133 0.0000e+00 0.0000e+00 0.0000e+00 -4.4170e+01 -1.7085e+02 -3.9308e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -4.0258e+01 -1.6992e+02 -3.7617e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -3.8014e+01 -1.4202e+02 -3.7558e+01  
134 0.0000e+00 0.0000e+00 0.0000e+00 -4.1754e+01 -1.4298e+02 -3.9389e+01

2389 132 0.0000e+00 0.0000e+00 0.0000e+00 -4.8471e+01 -1.9559e+02 -3.9798e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -4.5645e+01 -1.9378e+02 -3.6084e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -4.2119e+01 -1.7879e+02 -3.6555e+01  
133 0.0000e+00 0.0000e+00 0.0000e+00 -4.5371e+01 -1.7937e+02 -4.0274e+01

2390 131 0.0000e+00 0.0000e+00 0.0000e+00 -5.5886e+01 -1.8934e+02 -4.1163e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -5.3743e+01 -1.8736e+02 -3.2836e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -4.7628e+01 -1.9576e+02 -3.4195e+01  
132 0.0000e+00 0.0000e+00 0.0000e+00 -4.9498e+01 -1.9572e+02 -4.2105e+01

2391 130 0.0000e+00 0.0000e+00 0.0000e+00 -5.9238e+01 -1.3362e+02 -3.7963e+01  
141 0.0000e+00 0.0000e+00 0.0000e+00 -8.4717e+01 -1.4038e+02 -2.7408e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -5.7076e+01 -1.7289e+02 -3.0864e+01  
131 0.0000e+00 0.0000e+00 0.0000e+00 -5.6107e+01 -1.7887e+02 -4.0783e+01

2392 128 0.0000e+00 0.0000e+00 0.0000e+00 -3.8883e+01 4.2149e+01 -5.0206e+01  
139 0.0000e+00 0.0000e+00 0.0000e+00 -2.4613e+01 -3.1994e+01 -3.3081e+01  
140 0.0000e+00 0.0000e+00 0.0000e+00 -2.1880e+01 -3.4039e+01 -3.4222e+01  
129 0.0000e+00 0.0000e+00 0.0000e+00 3.5660e+01 -4.1830e+01 -5.2645e+01

2393 127 0.0000e+00 0.0000e+00 0.0000e+00 -4.2478e+01 3.9447e+01 -3.7644e+01  
138 0.0000e+00 0.0000e+00 0.0000e+00 -3.4764e+01 3.2236e+01 -3.2018e+01

	139	0.0000e+00	0.0000e+00	0.0000e+00	-2.8885e+01	3.2207e+01	-3.5921e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-3.8996e+01	4.4571e+01	-4.2158e+01
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	-4.1534e+01	-2.9894e+01	-3.4976e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-3.8057e+01	-2.7246e+01	-3.3905e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-3.6388e+01	2.9920e+01	-3.4293e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-4.3182e+01	3.6747e+01	-3.4817e+01
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	-4.0538e+01	-4.9560e+01	-3.7168e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-3.8043e+01	-4.7261e+01	-3.6596e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-3.8619e+01	-3.0170e+01	-3.5341e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-4.2212e+01	-2.9850e+01	-3.5728e+01
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	-4.0647e+01	-8.9752e+01	-3.9694e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	-3.8717e+01	-8.7162e+01	-3.8978e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-3.9050e+01	-5.7712e+01	-3.7468e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-4.1198e+01	-5.8790e+01	-3.8339e+01
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	-4.2060e+01	-1.3448e+02	-4.1668e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-4.1098e+01	-1.3160e+02	-4.0666e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	-4.0170e+01	-9.9526e+01	-3.9429e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-4.1376e+01	-1.0146e+02	-4.0696e+01
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	-4.4599e+01	-1.7660e+02	-4.2875e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-4.4762e+01	-1.7165e+02	-4.1645e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-4.2685e+01	-1.4384e+02	-4.0722e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-4.2816e+01	-1.4586e+02	-4.2334e+01
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	-4.7576e+01	-2.0666e+02	-4.4719e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-4.8985e+01	-1.9635e+02	-4.2940e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-4.6207e+01	-1.8145e+02	-4.1240e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-4.5200e+01	-1.8493e+02	-4.3421e+01
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	-5.2411e+01	-2.0596e+02	-5.3107e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-5.2203e+01	-1.8937e+02	-4.6496e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-4.9948e+01	-2.0031e+02	-4.2127e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-4.7874e+01	-2.0631e+02	-4.8019e+01
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	-4.4404e+01	-1.3915e+02	-6.2873e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-9.1858e+01	-1.3823e+02	-4.6040e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-5.3889e+01	-1.7245e+02	-4.0491e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-5.1038e+01	-1.9536e+02	-5.5219e+01
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	-6.8168e+01	9.2428e+01	-6.6704e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-4.3054e+01	5.0748e+01	-4.6051e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	-3.8502e+01	-4.7394e+01	-6.0917e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-6.8186e+01	-5.7820e+01	-8.3234e+01
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	-5.7031e+01	7.0615e+01	-3.0937e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-4.9501e+01	4.6665e+01	-3.4702e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-4.6175e+01	5.0774e+01	-4.7914e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-6.3249e+01	6.0885e+01	-4.3273e+01
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	-4.7986e+01	3.8227e+01	-3.0629e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-4.4479e+01	-2.9781e+01	-3.4646e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-4.5838e+01	4.1361e+01	-3.4761e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-5.4563e+01	3.9018e+01	-3.0182e+01
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	-4.1507e+01	-4.5793e+01	-3.4946e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-4.1096e+01	-4.9229e+01	-3.7702e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-4.2695e+01	-3.2013e+01	-3.5351e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	-4.5815e+01	-3.5896e+01	-3.2608e+01
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	-3.7378e+01	-8.5150e+01	-3.9203e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-4.0015e+01	-9.0650e+01	-4.0793e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-4.0715e+01	-5.9281e+01	-3.8214e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-4.0061e+01	-6.9893e+01	-3.6699e+01
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	-3.5262e+01	-1.2974e+02	-4.2566e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-4.0705e+01	-1.3570e+02	-4.3149e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-4.0492e+01	-1.0191e+02	-4.0953e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	-3.6592e+01	-1.1319e+02	-4.0451e+01
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	-3.4858e+01	-1.7337e+02	-4.4572e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-4.2728e+01	-1.7801e+02	-4.4409e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-4.1740e+01	-1.4705e+02	-4.2884e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-3.4913e+01	-1.5811e+02	-4.3205e+01
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	-3.6027e+01	-2.1092e+02	-4.5986e+01

	121	0.0000e+00	0.0000e+00	0.0000e+00	-4.5849e+01	-2.0880e+02	-4.5891e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-4.4202e+01	-1.8848e+02	-4.3838e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-3.4660e+01	-2.0139e+02	-4.4581e+01
2410	100	0.0000e+00	0.0000e+00	0.0000e+00	-4.1024e+01	-2.2949e+02	-5.5941e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-4.7212e+01	-2.0831e+02	-5.6331e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-4.7815e+01	-2.1674e+02	-4.6499e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-3.5537e+01	-2.3541e+02	-4.7341e+01
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	5.0610e+01	-1.6632e+02	-9.0273e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-9.0289e+01	-1.5097e+02	-7.5318e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-4.8238e+01	-1.9313e+02	-4.9292e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-3.9737e+01	-2.4745e+02	-6.2607e+01
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	1.2928e+02	-5.3819e+01	-3.9157e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-9.5105e+01	1.1925e+02	-6.7904e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-7.4592e+01	-6.9836e+01	-1.3769e+02
	2	0.0000e+00	0.0000e+00	0.0000e+00	2.1371e+02	3.2588e+02	-1.0337e+02
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	8.3515e+01	-6.5595e+01	-2.9056e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	7.1520e+01	6.6654e+01	-3.9263e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-8.1779e+01	8.4836e+01	-4.7022e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	1.1954e+02	2.2240e+02	-3.9616e+01
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	5.5289e+01	-1.0108e+02	-2.7024e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	5.5966e+01	-3.4452e+01	-3.4654e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-5.7876e+01	5.2900e+01	-3.2717e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	7.9039e+01	1.5735e+02	-2.6808e+01
2415	111	0.0000e+00	0.0000e+00	0.0000e+00	3.6665e+01	-1.4291e+02	-3.0553e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	4.4595e+01	-5.0406e+01	-3.7954e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	-4.5354e+01	-3.6211e+01	-3.4186e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	5.2881e+01	1.0471e+02	-2.7143e+01
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	-2.3796e+01	-1.8668e+02	-3.5178e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	3.6736e+01	-9.1007e+01	-4.2271e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-3.7843e+01	-6.5472e+01	-3.8597e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	3.5172e+01	6.2298e+01	-3.1521e+01
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.5045e+01	-2.3089e+02	-3.9227e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	3.1815e+01	-1.3564e+02	-4.5658e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	-3.3565e+01	-1.0844e+02	-4.2672e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	2.2297e+01	-4.7834e+01	-3.6229e+01
2418	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.3153e+01	-2.7453e+02	-4.2452e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-2.9783e+01	-1.8006e+02	-4.7568e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-3.1363e+01	-1.5317e+02	-4.5335e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.2757e+01	-7.5471e+01	-4.0260e+01
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	-1.9999e+01	-3.1744e+02	-4.5841e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-3.1692e+01	-2.2047e+02	-4.9048e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-3.0307e+01	-1.9676e+02	-4.6632e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-9.7354e+00	-1.1648e+02	-4.3697e+01
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	-3.1898e+01	-3.6231e+02	-5.4828e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	4.4875e+01	-2.4259e+02	-5.9932e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-2.8247e+01	-2.3857e+02	-5.0690e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-1.7072e+01	-1.5453e+02	-4.7603e+01
2421	1	0.0000e+00	0.0000e+00	0.0000e+00	6.5174e+01	-4.2048e+02	-1.0097e+02
	99	0.0000e+00	0.0000e+00	0.0000e+00	-6.3445e+01	-1.9236e+02	-1.2355e+02
	100	0.0000e+00	0.0000e+00	0.0000e+00	3.7020e+01	-2.5689e+02	-6.1673e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	-2.7455e+01	-1.7772e+02	-5.0793e+01

SFORZI "Dinamica SLVh X" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	-6.4615e+01	4.7879e+02	9.2798e+02
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-5.0221e+02	-3.7997e+02	3.5745e+02
	84	0.0000e+00	0.0000e+00	0.0000e+00	3.6862e+02	-1.0061e+03	-1.2119e+02
	29	0.0000e+00	0.0000e+00	0.0000e+00	-2.0446e+03	-8.8041e+02	4.4936e+02
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	1.3373e+02	2.3475e+02	4.7133e+02
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-7.0884e+01	1.3640e+02	3.5997e+02
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-1.2885e+02	7.0571e+00	4.6500e+02
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-2.5802e+01	-3.0956e+02	5.7637e+02

676	1701	0.0000e+00	0.0000e+00	0.0000e+00	1.6315e+02	1.8410e+02	2.4643e+02
	1891	0.0000e+00	0.0000e+00	0.0000e+00	7.6522e+00	1.9478e+02	2.4080e+02
	1892	0.0000e+00	0.0000e+00	0.0000e+00	2.6054e+01	1.8548e+02	3.8208e+02
	1702	0.0000e+00	0.0000e+00	0.0000e+00	1.3350e+02	-9.4512e+01	3.8771e+02
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	1.5709e+02	1.4354e+02	6.5931e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	2.5158e+01	2.2787e+02	7.0636e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	3.5162e+01	2.2777e+02	2.0868e+02
	1701	0.0000e+00	0.0000e+00	0.0000e+00	1.5619e+02	2.8160e+01	2.0398e+02
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	1.5532e+02	8.3353e+01	-1.0375e+02
	1889	0.0000e+00	0.0000e+00	0.0000e+00	3.0516e+01	2.3654e+02	-1.0413e+02
	1890	0.0000e+00	0.0000e+00	0.0000e+00	3.0306e+01	2.3582e+02	3.2486e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	1.5478e+02	1.0851e+02	3.2861e+01
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	1.3600e+02	-1.2713e+01	-2.8127e+02
	1888	0.0000e+00	0.0000e+00	0.0000e+00	2.3884e+01	2.1421e+02	-2.7466e+02
	1889	0.0000e+00	0.0000e+00	0.0000e+00	1.4836e+01	2.2041e+02	-1.3721e+02
	1699	0.0000e+00	0.0000e+00	0.0000e+00	1.5796e+02	1.6466e+02	-1.4382e+02
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	8.3495e+00	-1.8563e+02	-4.6303e+02
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-1.0308e+02	7.6490e+01	-3.7027e+02
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-5.0105e+01	1.8226e+02	-2.6277e+02
	1698	0.0000e+00	0.0000e+00	0.0000e+00	1.3397e+02	2.2329e+02	-3.5553e+02
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-1.6562e+03	-6.5198e+02	-3.8797e+02
	83	0.0000e+00	0.0000e+00	0.0000e+00	3.0528e+02	-7.4435e+02	8.3737e+01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-4.0565e+02	-2.3388e+02	-2.8745e+02
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-2.8388e+01	4.3725e+02	-7.5916e+02
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	-2.8369e+01	4.3725e+02	7.5917e+02
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-4.0564e+02	-2.3379e+02	2.8745e+02
	83	0.0000e+00	0.0000e+00	0.0000e+00	3.0525e+02	-7.4434e+02	-8.3765e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	-1.6562e+03	-6.5182e+02	3.8796e+02
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	1.3398e+02	2.2329e+02	3.5553e+02
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-5.0094e+01	1.8232e+02	2.6277e+02
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-1.0308e+02	7.6546e+01	3.7027e+02
	1654	0.0000e+00	0.0000e+00	0.0000e+00	8.3636e+00	-1.8552e+02	4.6303e+02
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	1.5796e+02	1.6465e+02	1.4382e+02
	1884	0.0000e+00	0.0000e+00	0.0000e+00	1.4844e+01	2.2044e+02	1.3720e+02
	1885	0.0000e+00	0.0000e+00	0.0000e+00	2.3881e+01	2.1425e+02	2.7465e+02
	1653	0.0000e+00	0.0000e+00	0.0000e+00	1.3602e+02	-1.2635e+01	2.8127e+02
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	1.5478e+02	1.0848e+02	-3.2853e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	3.0313e+01	2.3583e+02	-3.2479e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	3.0512e+01	2.3655e+02	1.0413e+02
	1652	0.0000e+00	0.0000e+00	0.0000e+00	1.5532e+02	8.3405e+01	1.0374e+02
686	1650	0.0000e+00	0.0000e+00	0.0000e+00	1.5618e+02	2.8111e+01	-2.0398e+02
	1882	0.0000e+00	0.0000e+00	0.0000e+00	3.5167e+01	2.2776e+02	-2.0869e+02
	1883	0.0000e+00	0.0000e+00	0.0000e+00	2.5152e+01	2.2787e+02	-7.0635e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	1.5709e+02	1.4357e+02	-6.5929e+01
687	1649	0.0000e+00	0.0000e+00	0.0000e+00	1.3349e+02	-9.4576e+01	-3.8771e+02
	1881	0.0000e+00	0.0000e+00	0.0000e+00	2.6057e+01	1.8544e+02	-3.8208e+02
	1882	0.0000e+00	0.0000e+00	0.0000e+00	7.6414e+00	1.9475e+02	-2.4080e+02
	1650	0.0000e+00	0.0000e+00	0.0000e+00	1.6315e+02	1.8411e+02	-2.4643e+02
688	1648	0.0000e+00	0.0000e+00	0.0000e+00	-2.5805e+01	-3.0965e+02	-5.7637e+02
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-1.2885e+02	6.9842e+00	-4.6500e+02
	1881	0.0000e+00	0.0000e+00	0.0000e+00	-7.0892e+01	1.3635e+02	-3.5997e+02
	1649	0.0000e+00	0.0000e+00	0.0000e+00	1.3373e+02	2.3475e+02	-4.7133e+02
689	27	0.0000e+00	0.0000e+00	0.0000e+00	-2.0446e+03	-8.8053e+02	-4.4938e+02
	82	0.0000e+00	0.0000e+00	0.0000e+00	3.6864e+02	-1.0061e+03	1.2116e+02
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-5.0221e+02	-3.8005e+02	-3.5745e+02
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-6.4628e+01	4.7879e+02	-9.2798e+02
690	1879	0.0000e+00	0.0000e+00	0.0000e+00	4.9605e+02	2.3802e+02	-1.7722e+02
	882	0.0000e+00	0.0000e+00	0.0000e+00	2.1395e+02	-4.5164e+02	7.9552e+02
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.8104e+03	7.3137e+02	4.2822e+02
	73	0.0000e+00	0.0000e+00	0.0000e+00	3.1747e+02	8.1508e+02	-2.5557e+02
691	1878	0.0000e+00	0.0000e+00	0.0000e+00	7.5128e+01	-1.2534e+02	2.5152e+02
	880	0.0000e+00	0.0000e+00	0.0000e+00	-1.0985e+02	-2.0580e+02	3.8516e+02
	882	0.0000e+00	0.0000e+00	0.0000e+00	1.2097e+02	2.3518e+02	4.6483e+02

	1879	0.0000e+00	0.0000e+00	0.0000e+00	1.3497e+02	-1.4357e+01	3.3275e+02
692	1877	0.0000e+00	0.0000e+00	0.0000e+00	-1.0860e+01	-1.7871e+02	1.5439e+02
	878	0.0000e+00	0.0000e+00	0.0000e+00	-1.6414e+02	-1.4362e+02	1.7371e+02
	880	0.0000e+00	0.0000e+00	0.0000e+00	-1.2071e+02	5.5534e+01	2.9901e+02
	1878	0.0000e+00	0.0000e+00	0.0000e+00	-1.7309e+01	-1.6662e+02	2.7995e+02
693	1876	0.0000e+00	0.0000e+00	0.0000e+00	-2.9877e+01	-2.0102e+02	2.1273e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	-1.6842e+02	-1.0077e+02	5.0378e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	-1.6357e+02	-3.9675e+01	1.3030e+02
	1877	0.0000e+00	0.0000e+00	0.0000e+00	-3.2250e+01	-1.9967e+02	1.2943e+02
694	1875	0.0000e+00	0.0000e+00	0.0000e+00	-3.1991e+01	-2.0092e+02	-1.6127e+02
	874	0.0000e+00	0.0000e+00	0.0000e+00	-1.6351e+02	-4.1700e+01	-1.6226e+02
	876	0.0000e+00	0.0000e+00	0.0000e+00	-1.6832e+02	-9.9654e+01	-3.3213e+01
	1876	0.0000e+00	0.0000e+00	0.0000e+00	-2.9949e+01	-2.0118e+02	-3.2410e+01
695	1874	0.0000e+00	0.0000e+00	0.0000e+00	-1.6559e+01	-1.6878e+02	-3.1293e+02
	872	0.0000e+00	0.0000e+00	0.0000e+00	-1.2002e+02	5.3817e+01	-3.3210e+02
	874	0.0000e+00	0.0000e+00	0.0000e+00	-1.6389e+02	-1.4459e+02	-2.0572e+02
	1875	0.0000e+00	0.0000e+00	0.0000e+00	-1.0609e+01	-1.7999e+02	-1.8648e+02
696	1873	0.0000e+00	0.0000e+00	0.0000e+00	1.3491e+02	-1.6332e+01	-3.6725e+02
	870	0.0000e+00	0.0000e+00	0.0000e+00	1.2279e+02	2.3713e+02	-4.9979e+02
	872	0.0000e+00	0.0000e+00	0.0000e+00	-1.0877e+02	-2.0936e+02	-4.1869e+02
	1874	0.0000e+00	0.0000e+00	0.0000e+00	7.6188e+01	-1.2636e+02	-2.8487e+02
697	72	0.0000e+00	0.0000e+00	0.0000e+00	3.2430e+02	8.1477e+02	2.2554e+02
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.8062e+03	7.3952e+02	-4.6742e+02
	870	0.0000e+00	0.0000e+00	0.0000e+00	2.1657e+02	-4.5606e+02	-8.3108e+02
	1873	0.0000e+00	0.0000e+00	0.0000e+00	4.9901e+02	2.3248e+02	-2.0313e+02
698	1872	0.0000e+00	0.0000e+00	0.0000e+00	4.9902e+02	2.3258e+02	2.0370e+02
	796	0.0000e+00	0.0000e+00	0.0000e+00	2.1661e+02	-4.5606e+02	8.3109e+02
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.8062e+03	7.3966e+02	4.6739e+02
	72	0.0000e+00	0.0000e+00	0.0000e+00	3.2422e+02	8.1487e+02	-2.2578e+02
699	1871	0.0000e+00	0.0000e+00	0.0000e+00	7.6201e+01	-1.2628e+02	2.8505e+02
	794	0.0000e+00	0.0000e+00	0.0000e+00	-1.0877e+02	-2.0930e+02	4.1873e+02
	796	0.0000e+00	0.0000e+00	0.0000e+00	1.2283e+02	2.3724e+02	4.9986e+02
	1872	0.0000e+00	0.0000e+00	0.0000e+00	1.3492e+02	-1.6240e+01	3.6743e+02
700	1870	0.0000e+00	0.0000e+00	0.0000e+00	-1.0595e+01	-1.7992e+02	1.8662e+02
	792	0.0000e+00	0.0000e+00	0.0000e+00	-1.6388e+02	-1.4451e+02	2.0579e+02
	794	0.0000e+00	0.0000e+00	0.0000e+00	-1.2000e+02	5.3933e+01	3.3219e+02
	1871	0.0000e+00	0.0000e+00	0.0000e+00	-1.6559e+01	-1.6871e+02	3.1305e+02
701	1869	0.0000e+00	0.0000e+00	0.0000e+00	-2.9942e+01	-2.0111e+02	3.2663e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	-1.6832e+02	-9.9611e+01	3.3379e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	-1.6350e+02	-4.1563e+01	1.6236e+02
	1870	0.0000e+00	0.0000e+00	0.0000e+00	-3.1995e+01	-2.0085e+02	1.6140e+02
702	1868	0.0000e+00	0.0000e+00	0.0000e+00	-3.2245e+01	-1.9963e+02	-1.2933e+02
	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.6358e+02	-3.9710e+01	-1.3024e+02
	790	0.0000e+00	0.0000e+00	0.0000e+00	-1.6841e+02	-1.0062e+02	-6.0138e+00
	1869	0.0000e+00	0.0000e+00	0.0000e+00	-2.9881e+01	-2.0097e+02	-3.0242e+00
703	1867	0.0000e+00	0.0000e+00	0.0000e+00	-1.7224e+01	-1.6660e+02	-2.7978e+02
	786	0.0000e+00	0.0000e+00	0.0000e+00	-1.2071e+02	5.5381e+01	-2.9892e+02
	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.6414e+02	-1.4348e+02	-1.7368e+02
	1868	0.0000e+00	0.0000e+00	0.0000e+00	-1.0878e+01	-1.7870e+02	-1.5425e+02
704	1866	0.0000e+00	0.0000e+00	0.0000e+00	1.3490e+02	-1.4398e+01	-3.3236e+02
	784	0.0000e+00	0.0000e+00	0.0000e+00	1.2038e+02	2.3495e+02	-4.6473e+02
	786	0.0000e+00	0.0000e+00	0.0000e+00	-1.0979e+02	-2.0576e+02	-3.8512e+02
	1867	0.0000e+00	0.0000e+00	0.0000e+00	7.5108e+01	-1.2536e+02	-2.5122e+02
705	71	0.0000e+00	0.0000e+00	0.0000e+00	3.1465e+02	8.1454e+02	2.5505e+02
	5	0.0000e+00	0.0000e+00	0.0000e+00	1.8103e+03	7.3110e+02	-4.2825e+02
	784	0.0000e+00	0.0000e+00	0.0000e+00	2.1308e+02	-4.5164e+02	-7.9550e+02
	1866	0.0000e+00	0.0000e+00	0.0000e+00	4.9602e+02	2.3788e+02	1.7532e+02
706	1865	0.0000e+00	0.0000e+00	0.0000e+00	5.4447e+02	3.5303e+02	-1.1140e+02
	1023	0.0000e+00	0.0000e+00	0.0000e+00	2.6254e+02	-4.5957e+02	7.2762e+02
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.8530e+03	7.8222e+02	3.8623e+02
	75	0.0000e+00	0.0000e+00	0.0000e+00	2.8467e+02	7.5632e+02	-3.0989e+02
707	1864	0.0000e+00	0.0000e+00	0.0000e+00	1.0056e+02	-9.2896e+01	1.5587e+02
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-8.5530e+01	-1.7376e+02	3.3180e+02

	1023	0.0000e+00	0.0000e+00	0.0000e+00	1.4358e+02	2.7708e+02	4.0153e+02
	1865	0.0000e+00	0.0000e+00	0.0000e+00	2.1029e+02	3.6852e+01	2.2719e+02
708	1863	0.0000e+00	0.0000e+00	0.0000e+00	-6.4352e+00	-1.4464e+02	7.8470e+01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-1.6660e+02	-8.1891e+01	1.1579e+02
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-1.0744e+02	8.9098e+01	2.3944e+02
	1864	0.0000e+00	0.0000e+00	0.0000e+00	9.8965e+00	-1.2879e+02	2.0268e+02
709	1862	0.0000e+00	0.0000e+00	0.0000e+00	-2.5718e+01	-1.5882e+02	-7.0110e+01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-1.7097e+02	-1.1996e+01	-7.0249e+01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-1.7085e+02	-8.6920e+00	6.2169e+01
	1863	0.0000e+00	0.0000e+00	0.0000e+00	-2.6127e+01	-1.5851e+02	6.2342e+01
710	1861	0.0000e+00	0.0000e+00	0.0000e+00	1.0610e+01	-1.3072e+02	-2.1119e+02
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-1.0746e+02	8.5140e+01	-2.4745e+02
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-1.6640e+02	-8.0315e+01	-1.2316e+02
	1862	0.0000e+00	0.0000e+00	0.0000e+00	-6.7846e+00	-1.4599e+02	-8.7286e+01
711	1860	0.0000e+00	0.0000e+00	0.0000e+00	2.1087e+02	3.4347e+01	-2.3735e+02
	1013	0.0000e+00	0.0000e+00	0.0000e+00	1.4601e+02	2.7177e+02	-4.0977e+02
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-8.5451e+01	-1.7372e+02	-3.3944e+02
	1861	0.0000e+00	0.0000e+00	0.0000e+00	1.0043e+02	-9.5749e+01	-1.6585e+02
712	74	0.0000e+00	0.0000e+00	0.0000e+00	2.9599e+02	7.5478e+02	3.0617e+02
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.8524e+03	7.7568e+02	-3.9377e+02
	1013	0.0000e+00	0.0000e+00	0.0000e+00	2.6596e+02	-4.6118e+02	-7.3549e+02
	1860	0.0000e+00	0.0000e+00	0.0000e+00	5.4483e+02	3.4810e+02	1.2832e+02
713	1599	0.0000e+00	0.0000e+00	0.0000e+00	-1.0187e+02	4.7765e+02	8.0783e+02
	1859	0.0000e+00	0.0000e+00	0.0000e+00	-5.3979e+02	-5.0716e+02	2.3876e+02
	86	0.0000e+00	0.0000e+00	0.0000e+00	4.3112e+02	-9.6147e+02	-2.1637e+02
	31	0.0000e+00	0.0000e+00	0.0000e+00	-2.0843e+03	-9.2233e+02	3.5273e+02
714	1598	0.0000e+00	0.0000e+00	0.0000e+00	1.2335e+02	1.7894e+02	3.6503e+02
	1858	0.0000e+00	0.0000e+00	0.0000e+00	-8.8294e+01	1.1541e+02	2.1444e+02
	1859	0.0000e+00	0.0000e+00	0.0000e+00	-2.1177e+02	-5.5736e+01	3.1212e+02
	1599	0.0000e+00	0.0000e+00	0.0000e+00	-2.1779e+01	-3.3903e+02	4.6270e+02
715	1597	0.0000e+00	0.0000e+00	0.0000e+00	1.7818e+02	9.0844e+01	1.2679e+02
	1857	0.0000e+00	0.0000e+00	0.0000e+00	1.2739e+01	1.6166e+02	1.0321e+02
	1858	0.0000e+00	0.0000e+00	0.0000e+00	1.4471e+01	1.4579e+02	2.5300e+02
	1598	0.0000e+00	0.0000e+00	0.0000e+00	1.3448e+02	-1.2043e+02	2.7658e+02
716	1596	0.0000e+00	0.0000e+00	0.0000e+00	1.7946e+02	5.1920e+00	-8.1071e+01
	1856	0.0000e+00	0.0000e+00	0.0000e+00	3.1792e+01	1.7803e+02	-8.0946e+01
	1857	0.0000e+00	0.0000e+00	0.0000e+00	3.2166e+01	1.7773e+02	7.4008e+01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	1.7931e+02	2.2680e+00	7.3884e+01
717	1595	0.0000e+00	0.0000e+00	0.0000e+00	1.3468e+02	-1.1587e+02	-2.8393e+02
	1855	0.0000e+00	0.0000e+00	0.0000e+00	1.4126e+01	1.4771e+02	-2.6011e+02
	1856	0.0000e+00	0.0000e+00	0.0000e+00	1.3131e+01	1.6297e+02	-1.1017e+02
	1596	0.0000e+00	0.0000e+00	0.0000e+00	1.7808e+02	8.9153e+01	-1.3399e+02
718	1594	0.0000e+00	0.0000e+00	0.0000e+00	-2.1595e+01	-3.3329e+02	-4.7044e+02
	1854	0.0000e+00	0.0000e+00	0.0000e+00	-2.1195e+02	-5.2229e+01	-3.1968e+02
	1855	0.0000e+00	0.0000e+00	0.0000e+00	-8.7884e+01	1.1828e+02	-2.2167e+02
	1595	0.0000e+00	0.0000e+00	0.0000e+00	1.2330e+02	1.7883e+02	-3.7242e+02
719	30	0.0000e+00	0.0000e+00	0.0000e+00	-2.0830e+03	-9.1556e+02	-3.6131e+02
	85	0.0000e+00	0.0000e+00	0.0000e+00	4.3073e+02	-9.5571e+02	2.0763e+02
	1854	0.0000e+00	0.0000e+00	0.0000e+00	-5.3913e+02	-5.0259e+02	-2.4655e+02
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-1.0183e+02	4.7910e+02	-8.1548e+02
720	1853	0.0000e+00	0.0000e+00	0.0000e+00	5.4480e+02	3.4789e+02	-1.2636e+02
	957	0.0000e+00	0.0000e+00	0.0000e+00	2.6487e+02	-4.6120e+02	7.3550e+02
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.8523e+03	7.7524e+02	3.9360e+02
	70	0.0000e+00	0.0000e+00	0.0000e+00	2.9002e+02	7.5374e+02	-3.0591e+02
721	1852	0.0000e+00	0.0000e+00	0.0000e+00	1.0043e+02	-9.5684e+01	1.6586e+02
	955	0.0000e+00	0.0000e+00	0.0000e+00	-8.5357e+01	-1.7363e+02	3.3948e+02
	957	0.0000e+00	0.0000e+00	0.0000e+00	1.4522e+02	2.7132e+02	4.0980e+02
	1853	0.0000e+00	0.0000e+00	0.0000e+00	2.1079e+02	3.4243e+01	2.3722e+02
722	1851	0.0000e+00	0.0000e+00	0.0000e+00	-6.7911e+00	-1.4592e+02	8.7503e+01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-1.6640e+02	-8.0022e+01	1.2325e+02
	955	0.0000e+00	0.0000e+00	0.0000e+00	-1.0745e+02	8.4900e+01	2.4751e+02
	1852	0.0000e+00	0.0000e+00	0.0000e+00	1.0310e+01	-1.3065e+02	2.1126e+02
723	1850	0.0000e+00	0.0000e+00	0.0000e+00	-2.6124e+01	-1.5842e+02	-6.2389e+01

	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.7084e+02	-8.5816e+00	-6.2213e+01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-1.7095e+02	-1.1960e+01	7.0455e+01
	1851	0.0000e+00	0.0000e+00	0.0000e+00	-2.5721e+01	-1.5873e+02	7.0322e+01
724	1849	0.0000e+00	0.0000e+00	0.0000e+00	9.5741e+00	-1.2873e+02	-2.0245e+02
	949	0.0000e+00	0.0000e+00	0.0000e+00	-1.0743e+02	8.9043e+01	-2.3938e+02
	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.6660e+02	-8.1644e+01	-1.1586e+02
	1850	0.0000e+00	0.0000e+00	0.0000e+00	-6.4348e+00	-1.4457e+02	-7.8308e+01
725	1848	0.0000e+00	0.0000e+00	0.0000e+00	2.1021e+02	3.6949e+01	-2.2642e+02
	947	0.0000e+00	0.0000e+00	0.0000e+00	1.4242e+02	2.7675e+02	-4.0145e+02
	949	0.0000e+00	0.0000e+00	0.0000e+00	-8.5392e+01	-1.7366e+02	-3.3181e+02
	1849	0.0000e+00	0.0000e+00	0.0000e+00	1.0052e+02	-9.2849e+01	-1.5526e+02
726	69	0.0000e+00	0.0000e+00	0.0000e+00	2.7743e+02	7.5522e+02	3.0916e+02
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.8529e+03	7.8174e+02	-3.8622e+02
	947	0.0000e+00	0.0000e+00	0.0000e+00	2.6107e+02	-4.5957e+02	-7.2763e+02
	1848	0.0000e+00	0.0000e+00	0.0000e+00	5.4443e+02	3.5283e+02	1.0617e+02
727	1557	0.0000e+00	0.0000e+00	0.0000e+00	-1.0181e+02	4.7907e+02	8.1549e+02
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-5.3913e+02	-5.0254e+02	2.4655e+02
	81	0.0000e+00	0.0000e+00	0.0000e+00	4.3071e+02	-9.5572e+02	-2.0766e+02
	26	0.0000e+00	0.0000e+00	0.0000e+00	-2.0830e+03	-9.1543e+02	3.6129e+02
728	1556	0.0000e+00	0.0000e+00	0.0000e+00	1.2331e+02	1.7878e+02	3.7243e+02
	1846	0.0000e+00	0.0000e+00	0.0000e+00	-8.7873e+01	1.1834e+02	2.2168e+02
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-2.1196e+02	-5.2261e+01	3.1969e+02
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-2.1566e+01	-3.3320e+02	4.7044e+02
729	1555	0.0000e+00	0.0000e+00	0.0000e+00	1.7808e+02	8.9075e+01	1.3400e+02
	1845	0.0000e+00	0.0000e+00	0.0000e+00	1.3125e+01	1.6299e+02	1.1019e+02
	1846	0.0000e+00	0.0000e+00	0.0000e+00	1.4129e+01	1.4774e+02	2.6012e+02
	1556	0.0000e+00	0.0000e+00	0.0000e+00	1.3469e+02	-1.1582e+02	2.8394e+02
730	1554	0.0000e+00	0.0000e+00	0.0000e+00	1.7931e+02	2.4573e+00	-7.3900e+01
	1844	0.0000e+00	0.0000e+00	0.0000e+00	3.2168e+01	1.7773e+02	-7.4024e+01
	1845	0.0000e+00	0.0000e+00	0.0000e+00	3.1791e+01	1.7804e+02	8.0961e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	1.7947e+02	5.2661e+00	8.1088e+01
731	1553	0.0000e+00	0.0000e+00	0.0000e+00	1.3447e+02	-1.2057e+02	-2.7658e+02
	1843	0.0000e+00	0.0000e+00	0.0000e+00	1.4469e+01	1.4579e+02	-2.5300e+02
	1844	0.0000e+00	0.0000e+00	0.0000e+00	1.2739e+01	1.6165e+02	-1.0322e+02
	1554	0.0000e+00	0.0000e+00	0.0000e+00	1.7818e+02	9.0834e+01	-1.2680e+02
732	1552	0.0000e+00	0.0000e+00	0.0000e+00	-2.1762e+01	-3.3918e+02	-4.6270e+02
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-2.1177e+02	-5.5940e+01	-3.1212e+02
	1843	0.0000e+00	0.0000e+00	0.0000e+00	-8.8302e+01	1.1543e+02	-2.1444e+02
	1553	0.0000e+00	0.0000e+00	0.0000e+00	1.2334e+02	1.7892e+02	-3.6503e+02
733	25	0.0000e+00	0.0000e+00	0.0000e+00	-2.0843e+03	-9.2248e+02	-3.5277e+02
	80	0.0000e+00	0.0000e+00	0.0000e+00	4.3113e+02	-9.6148e+02	2.1636e+02
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-5.3979e+02	-5.0726e+02	-2.3877e+02
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-1.0189e+02	4.7765e+02	-8.0783e+02
734	1515	0.0000e+00	0.0000e+00	0.0000e+00	-7.5625e+01	4.0536e+02	3.5296e+02
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-2.0758e+02	-9.4330e+01	2.0173e+02
	88	0.0000e+00	0.0000e+00	0.0000e+00	1.7406e+02	-3.0717e+02	5.5122e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-7.2609e+02	-4.7683e+02	2.0634e+02
735	1514	0.0000e+00	0.0000e+00	0.0000e+00	-4.6159e+00	3.5294e+02	1.9873e+02
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-5.8189e+01	1.9474e+02	1.6274e+02
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-5.7581e+01	1.1439e+02	2.1012e+02
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-6.8838e+01	-1.5055e+02	2.4612e+02
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	2.5196e+01	3.3105e+02	1.0193e+02
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-1.7165e+01	2.7045e+02	9.6504e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	7.9674e+00	2.5112e+02	1.6447e+02
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-9.8479e+00	3.7582e+01	1.6990e+02
737	1512	0.0000e+00	0.0000e+00	0.0000e+00	4.3650e+01	2.9246e+02	1.0141e+01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	1.1746e+00	3.1535e+02	6.0915e+00
	1839	0.0000e+00	0.0000e+00	0.0000e+00	1.2374e+01	3.0606e+02	7.6688e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	2.2408e+01	1.6337e+02	8.2290e+01
738	1511	0.0000e+00	0.0000e+00	0.0000e+00	6.4136e+01	2.3404e+02	-8.9790e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	1.4486e+01	3.3236e+02	-1.0139e+02
	1838	0.0000e+00	0.0000e+00	0.0000e+00	1.2534e+01	3.2786e+02	-2.1952e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	4.5433e+01	2.4628e+02	-1.1117e+01

739 1510 0.0000e+00 0.0000e+00 0.0000e+00 8.8689e+01 1.5367e+02 -2.0008e+02  
1836 0.0000e+00 0.0000e+00 0.0000e+00 2.5855e+01 3.2657e+02 -2.1789e+02  
1837 0.0000e+00 0.0000e+00 0.0000e+00 1.1966e+01 3.2517e+02 -1.2785e+02  
1511 0.0000e+00 0.0000e+00 0.0000e+00 7.0921e+01 2.9544e+02 -1.1004e+02

740 1509 0.0000e+00 0.0000e+00 0.0000e+00 1.1023e+02 4.7795e+01 -3.2969e+02  
1835 0.0000e+00 0.0000e+00 0.0000e+00 3.0759e+01 2.9810e+02 -3.4812e+02  
1836 0.0000e+00 0.0000e+00 0.0000e+00 8.8848e+00 3.0086e+02 -2.4465e+02  
1510 0.0000e+00 0.0000e+00 0.0000e+00 9.9448e+01 3.1894e+02 -2.2623e+02

741 1508 0.0000e+00 0.0000e+00 0.0000e+00 8.9538e+01 -1.0029e+02 -4.8328e+02  
1834 0.0000e+00 0.0000e+00 0.0000e+00 1.3241e+01 2.3309e+02 -4.7880e+02  
1835 0.0000e+00 0.0000e+00 0.0000e+00 -1.0337e+01 2.5038e+02 -3.6675e+02  
1509 0.0000e+00 0.0000e+00 0.0000e+00 1.2078e+02 3.3070e+02 -3.7122e+02

742 1507 0.0000e+00 0.0000e+00 0.0000e+00 -4.9385e+01 -3.3978e+02 -6.3722e+02  
1833 0.0000e+00 0.0000e+00 0.0000e+00 -2.1344e+02 1.0938e+01 -4.9999e+02  
1834 0.0000e+00 0.0000e+00 0.0000e+00 -1.0663e+02 1.7638e+02 -4.2936e+02  
1508 0.0000e+00 0.0000e+00 0.0000e+00 8.8255e+01 3.5803e+02 -5.6659e+02

743 32 0.0000e+00 0.0000e+00 0.0000e+00 -2.1257e+03 -9.4331e+02 -5.0240e+02  
87 0.0000e+00 0.0000e+00 0.0000e+00 4.4021e+02 -9.3704e+02 6.2502e+01  
1833 0.0000e+00 0.0000e+00 0.0000e+00 -5.5808e+02 -4.7732e+02 -4.1792e+02  
1507 0.0000e+00 0.0000e+00 0.0000e+00 -1.2329e+02 6.0973e+02 -9.8276e+02

744 1446 0.0000e+00 0.0000e+00 0.0000e+00 -6.4230e+01 5.1824e+02 9.4696e+02  
1832 0.0000e+00 0.0000e+00 0.0000e+00 -5.0111e+02 -3.5802e+02 3.7947e+02  
87 0.0000e+00 0.0000e+00 0.0000e+00 4.1426e+02 -9.7213e+02 -1.1013e+02  
32 0.0000e+00 0.0000e+00 0.0000e+00 -2.0892e+03 -8.4708e+02 4.5740e+02

745 1445 0.0000e+00 0.0000e+00 0.0000e+00 1.2981e+02 2.8274e+02 4.9165e+02  
1831 0.0000e+00 0.0000e+00 0.0000e+00 -7.1933e+01 1.6789e+02 3.8347e+02  
1832 0.0000e+00 0.0000e+00 0.0000e+00 -1.2666e+02 3.9759e+01 4.8315e+02  
1446 0.0000e+00 0.0000e+00 0.0000e+00 -2.7759e+01 -2.8049e+02 5.9133e+02

746 1444 0.0000e+00 0.0000e+00 0.0000e+00 1.5252e+02 2.4815e+02 2.7622e+02  
1830 0.0000e+00 0.0000e+00 0.0000e+00 4.0003e+00 2.2959e+02 2.7533e+02  
1831 0.0000e+00 0.0000e+00 0.0000e+00 2.6988e+01 2.2191e+02 4.0769e+02  
1445 0.0000e+00 0.0000e+00 0.0000e+00 1.2709e+02 -6.8032e+01 4.0857e+02

747 1443 0.0000e+00 0.0000e+00 0.0000e+00 1.3636e+02 2.2812e+02 1.1073e+02  
1829 0.0000e+00 0.0000e+00 0.0000e+00 1.8597e+01 2.6873e+02 1.2185e+02  
1830 0.0000e+00 0.0000e+00 0.0000e+00 3.4812e+01 2.7056e+02 2.4638e+02  
1444 0.0000e+00 0.0000e+00 0.0000e+00 1.4184e+02 5.6713e+01 2.3526e+02

748 1442 0.0000e+00 0.0000e+00 0.0000e+00 1.2598e+02 1.9315e+02 -3.5386e+01  
1828 0.0000e+00 0.0000e+00 0.0000e+00 2.4354e+01 2.8690e+02 -3.0616e+01  
1829 0.0000e+00 0.0000e+00 0.0000e+00 2.9995e+01 2.8722e+02 8.6699e+01  
1443 0.0000e+00 0.0000e+00 0.0000e+00 1.2966e+02 1.4122e+02 8.1928e+01

749 1441 0.0000e+00 0.0000e+00 0.0000e+00 1.2884e+02 1.3309e+02 -1.7994e+02  
1827 0.0000e+00 0.0000e+00 0.0000e+00 3.0401e+01 2.8816e+02 -1.8478e+02  
1828 0.0000e+00 0.0000e+00 0.0000e+00 2.3687e+01 2.8548e+02 -6.6542e+01  
1442 0.0000e+00 0.0000e+00 0.0000e+00 1.2608e+02 1.9877e+02 -6.1695e+01

750 1440 0.0000e+00 0.0000e+00 0.0000e+00 1.4058e+02 4.1493e+01 -3.3661e+02  
1826 0.0000e+00 0.0000e+00 0.0000e+00 3.5517e+01 2.7020e+02 -3.4831e+02  
1827 0.0000e+00 0.0000e+00 0.0000e+00 1.7274e+01 2.6618e+02 -2.2069e+02  
1441 0.0000e+00 0.0000e+00 0.0000e+00 1.3596e+02 2.3397e+02 -2.0899e+02

751 1439 0.0000e+00 0.0000e+00 0.0000e+00 1.2664e+02 -9.5423e+01 -5.1595e+02  
1825 0.0000e+00 0.0000e+00 0.0000e+00 2.8808e+01 2.1810e+02 -5.1690e+02  
1826 0.0000e+00 0.0000e+00 0.0000e+00 -2.1599e+00 2.2379e+02 -3.7893e+02  
1440 0.0000e+00 0.0000e+00 0.0000e+00 1.5238e+02 2.5518e+02 -3.7798e+02

752 1438 0.0000e+00 0.0000e+00 0.0000e+00 -2.3758e+01 -3.2819e+02 -7.0840e+02  
1824 0.0000e+00 0.0000e+00 0.0000e+00 -1.2124e+02 2.9649e+01 -6.0510e+02  
1825 0.0000e+00 0.0000e+00 0.0000e+00 -7.4118e+01 1.5527e+02 -4.9600e+02  
1439 0.0000e+00 0.0000e+00 0.0000e+00 1.3181e+02 2.8987e+02 -5.9930e+02

753 31 0.0000e+00 0.0000e+00 0.0000e+00 -2.0559e+03 -9.2079e+02 -5.9330e+02  
86 0.0000e+00 0.0000e+00 0.0000e+00 4.1742e+02 -9.8109e+02 -3.9029e+01  
1824 0.0000e+00 0.0000e+00 0.0000e+00 -4.9899e+02 -3.7685e+02 -5.0728e+02  
1438 0.0000e+00 0.0000e+00 0.0000e+00 -5.5675e+01 5.2064e+02 -1.0616e+03

754 1823 0.0000e+00 0.0000e+00 0.0000e+00 2.8812e+02 8.0066e+01 -9.8096e+01  
692 0.0000e+00 0.0000e+00 0.0000e+00 2.5077e+02 -4.1575e+02 3.4370e+02  
11 0.0000e+00 0.0000e+00 0.0000e+00 8.5795e+02 4.8737e+02 2.1293e+02



	77	0.0000e+00	0.0000e+00	0.0000e+00	2.9205e+02	3.1646e+02	-1.2835e+02
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	8.3918e+01	-1.5121e+02	1.1269e+02
	690	0.0000e+00	0.0000e+00	0.0000e+00	4.4967e+01	-3.2595e+02	1.8937e+02
	692	0.0000e+00	0.0000e+00	0.0000e+00	1.9309e+02	1.5266e+02	2.1330e+02
	1823	0.0000e+00	0.0000e+00	0.0000e+00	9.5281e+01	-8.2382e+01	1.3968e+02
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	2.2041e+01	-2.3034e+02	7.2938e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-2.6387e+01	-2.8784e+02	9.4208e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	3.2116e+01	-2.8953e+01	1.4910e+02
	1822	0.0000e+00	0.0000e+00	0.0000e+00	1.4307e+01	-2.1003e+02	1.2812e+02
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	-2.6609e+00	-2.7196e+02	-6.0544e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	-5.5067e+01	-2.5181e+02	6.9533e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	-2.8380e+01	-1.3826e+02	7.1630e+01
	1821	0.0000e+00	0.0000e+00	0.0000e+00	-9.5661e+00	-2.6299e+02	6.1510e+01
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	-1.5612e+01	-2.8803e+02	-9.4098e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-7.6230e+01	-2.0507e+02	-8.2981e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-5.7855e+01	-2.0723e+02	-1.1547e+01
	1820	0.0000e+00	0.0000e+00	0.0000e+00	-1.4221e+01	-2.8398e+02	-2.2677e+01
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	-2.4414e+01	-2.8518e+02	-1.9581e+02
	682	0.0000e+00	0.0000e+00	0.0000e+00	-9.6135e+01	-1.4357e+02	-1.8222e+02
	684	0.0000e+00	0.0000e+00	0.0000e+00	-8.1548e+01	-2.4725e+02	-1.0233e+02
	1819	0.0000e+00	0.0000e+00	0.0000e+00	-1.5458e+01	-2.8391e+02	-1.1591e+02
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	-2.5352e+01	-2.6387e+02	-3.0668e+02
	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.0734e+02	-6.2829e+01	-2.9640e+02
	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.0330e+02	-2.6756e+02	-2.0687e+02
	1818	0.0000e+00	0.0000e+00	0.0000e+00	-1.1951e+01	-2.6634e+02	-2.1713e+02
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	1.5232e+01	-2.1075e+02	-4.1038e+02
	678	0.0000e+00	0.0000e+00	0.0000e+00	-7.0215e+01	5.5532e+01	-4.2852e+02
	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.1191e+02	-2.8269e+02	-3.3601e+02
	1817	0.0000e+00	0.0000e+00	0.0000e+00	1.0354e+01	-2.2679e+02	-3.1770e+02
762	1815	0.0000e+00	0.0000e+00	0.0000e+00	2.0838e+02	-2.0344e+01	-4.0714e+02
	676	0.0000e+00	0.0000e+00	0.0000e+00	1.5451e+02	2.5820e+02	-5.5915e+02
	678	0.0000e+00	0.0000e+00	0.0000e+00	-6.3166e+01	-3.2550e+02	-5.1111e+02
	1816	0.0000e+00	0.0000e+00	0.0000e+00	1.1120e+02	-1.5827e+02	-3.5779e+02
763	76	0.0000e+00	0.0000e+00	0.0000e+00	2.7085e+02	7.9273e+02	1.9078e+02
	10	0.0000e+00	0.0000e+00	0.0000e+00	1.8579e+03	7.7897e+02	-4.8761e+02
	676	0.0000e+00	0.0000e+00	0.0000e+00	2.5860e+02	-5.6264e+02	-8.7953e+02
	1815	0.0000e+00	0.0000e+00	0.0000e+00	5.5413e+02	3.1971e+02	-2.5901e+02
764	1814	0.0000e+00	0.0000e+00	0.0000e+00	4.9077e+02	2.2148e+02	2.3313e+02
	576	0.0000e+00	0.0000e+00	0.0000e+00	2.0360e+02	-4.6588e+02	8.5378e+02
	10	0.0000e+00	0.0000e+00	0.0000e+00	1.8284e+03	6.8929e+02	4.5914e+02
	76	0.0000e+00	0.0000e+00	0.0000e+00	2.7749e+02	8.2192e+02	-2.1156e+02
765	1813	0.0000e+00	0.0000e+00	0.0000e+00	7.3622e+01	-1.4241e+02	3.2625e+02
	574	0.0000e+00	0.0000e+00	0.0000e+00	-1.0537e+02	-2.3132e+02	4.5255e+02
	576	0.0000e+00	0.0000e+00	0.0000e+00	1.1907e+02	2.0388e+02	5.2343e+02
	1814	0.0000e+00	0.0000e+00	0.0000e+00	1.3092e+02	-3.4079e+01	3.9843e+02
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	-7.0606e+00	-1.9251e+02	2.4507e+02
	572	0.0000e+00	0.0000e+00	0.0000e+00	-1.4707e+02	-1.8379e+02	2.5873e+02
	574	0.0000e+00	0.0000e+00	0.0000e+00	-1.1230e+02	3.5606e+01	3.7032e+02
	1813	0.0000e+00	0.0000e+00	0.0000e+00	-1.8379e+01	-1.8435e+02	3.5688e+02
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	-2.3803e+01	-2.1744e+02	1.1460e+02
	570	0.0000e+00	0.0000e+00	0.0000e+00	-1.4225e+02	-1.6313e+02	1.1041e+02
	572	0.0000e+00	0.0000e+00	0.0000e+00	-1.4324e+02	-5.3295e+01	2.1965e+02
	1812	0.0000e+00	0.0000e+00	0.0000e+00	-3.0803e+01	-2.1919e+02	2.2398e+02
768	1810	0.0000e+00	0.0000e+00	0.0000e+00	-2.8390e+01	-2.2763e+02	-2.1100e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	-1.3661e+02	-1.3706e+02	-2.3728e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	-1.3906e+02	-1.0880e+02	8.3146e+01
	1811	0.0000e+00	0.0000e+00	0.0000e+00	-3.0339e+01	-2.2832e+02	8.5444e+01
769	1809	0.0000e+00	0.0000e+00	0.0000e+00	-3.1522e+01	-2.2730e+02	-1.5614e+02
	566	0.0000e+00	0.0000e+00	0.0000e+00	-1.3874e+02	-9.5421e+01	-1.5297e+02
	568	0.0000e+00	0.0000e+00	0.0000e+00	-1.3709e+02	-1.4575e+02	-4.7787e+01
	1810	0.0000e+00	0.0000e+00	0.0000e+00	-2.7121e+01	-2.2542e+02	-5.0939e+01
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	-3.2078e+01	-2.1414e+02	-2.9782e+02
	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.4292e+02	-3.1200e+01	-2.9234e+02

	566	0.0000e+00	0.0000e+00	0.0000e+00	-1.4299e+02	-1.6951e+02	-1.8045e+02
	1809	0.0000e+00	0.0000e+00	0.0000e+00	-2.2226e+01	-2.1147e+02	-1.8597e+02
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	-1.8894e+01	-1.7299e+02	-4.3581e+02
	562	0.0000e+00	0.0000e+00	0.0000e+00	-1.1076e+02	6.9952e+01	-4.4791e+02
	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.4805e+02	-1.8871e+02	-3.3201e+02
	1808	0.0000e+00	0.0000e+00	0.0000e+00	-5.3643e+00	-1.8093e+02	-3.1991e+02
772	1806	0.0000e+00	0.0000e+00	0.0000e+00	1.2805e+02	-1.2801e+01	-4.8363e+02
	560	0.0000e+00	0.0000e+00	0.0000e+00	1.2052e+02	2.5931e+02	-6.0816e+02
	562	0.0000e+00	0.0000e+00	0.0000e+00	-1.0480e+02	-2.3449e+02	-5.3190e+02
	1807	0.0000e+00	0.0000e+00	0.0000e+00	7.8271e+01	-1.2096e+02	-4.0654e+02
773	75	0.0000e+00	0.0000e+00	0.0000e+00	2.9617e+02	8.5596e+02	1.4204e+02
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.8113e+03	7.7005e+02	-5.6064e+02
	560	0.0000e+00	0.0000e+00	0.0000e+00	2.0649e+02	-4.6284e+02	-9.4090e+02
	1806	0.0000e+00	0.0000e+00	0.0000e+00	5.0040e+02	2.4035e+02	-3.0305e+02
774	1805	0.0000e+00	0.0000e+00	0.0000e+00	5.0090e+02	2.3280e+02	2.8961e+02
	459	0.0000e+00	0.0000e+00	0.0000e+00	2.0995e+02	-4.7272e+02	9.2899e+02
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.8126e+03	7.6730e+02	5.5252e+02
	74	0.0000e+00	0.0000e+00	0.0000e+00	3.0817e+02	8.4397e+02	-1.4666e+02
775	1804	0.0000e+00	0.0000e+00	0.0000e+00	7.8751e+01	-1.3028e+02	3.9202e+02
	457	0.0000e+00	0.0000e+00	0.0000e+00	-1.0466e+02	-2.4588e+02	5.1845e+02
	459	0.0000e+00	0.0000e+00	0.0000e+00	1.2244e+02	2.5451e+02	5.9549e+02
	1805	0.0000e+00	0.0000e+00	0.0000e+00	1.2853e+02	-2.2230e+01	4.7012e+02
776	1803	0.0000e+00	0.0000e+00	0.0000e+00	-5.8785e+00	-1.9198e+02	3.0406e+02
	455	0.0000e+00	0.0000e+00	0.0000e+00	-1.4822e+02	-2.0091e+02	3.1657e+02
	457	0.0000e+00	0.0000e+00	0.0000e+00	-1.1051e+02	6.2219e+01	4.3371e+02
	1804	0.0000e+00	0.0000e+00	0.0000e+00	-1.9259e+01	-1.8336e+02	4.2132e+02
777	1802	0.0000e+00	0.0000e+00	0.0000e+00	-2.2473e+01	-2.2345e+02	1.6801e+02
	453	0.0000e+00	0.0000e+00	0.0000e+00	-1.4314e+02	-1.8026e+02	1.6271e+02
	455	0.0000e+00	0.0000e+00	0.0000e+00	-1.4315e+02	-4.2016e+01	2.7631e+02
	1803	0.0000e+00	0.0000e+00	0.0000e+00	-3.1908e+01	-2.2552e+02	2.8165e+02
778	1801	0.0000e+00	0.0000e+00	0.0000e+00	-2.7524e+01	-2.3703e+02	3.0090e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	-1.3710e+02	-1.5264e+02	2.7239e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	-1.3912e+02	-1.0894e+02	1.3466e+02
	1802	0.0000e+00	0.0000e+00	0.0000e+00	-3.1051e+01	-2.3858e+02	1.3762e+02
779	1800	0.0000e+00	0.0000e+00	0.0000e+00	-3.1001e+01	-2.3778e+02	-1.0904e+02
	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.3892e+02	-1.0900e+02	-1.0616e+02
	451	0.0000e+00	0.0000e+00	0.0000e+00	-1.3708e+02	-1.5247e+02	4.4891e+00
	1801	0.0000e+00	0.0000e+00	0.0000e+00	-2.7614e+01	-2.3714e+02	5.2769e+00
780	1799	0.0000e+00	0.0000e+00	0.0000e+00	-3.1817e+01	-2.2434e+02	-2.5175e+02
	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.4277e+02	-4.3445e+01	-2.4647e+02
	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.4284e+02	-1.7921e+02	-1.3397e+02
	1800	0.0000e+00	0.0000e+00	0.0000e+00	-2.2741e+01	-2.2308e+02	-1.3929e+02
781	1798	0.0000e+00	0.0000e+00	0.0000e+00	-1.9677e+01	-1.8266e+02	-3.8937e+02
	445	0.0000e+00	0.0000e+00	0.0000e+00	-1.1040e+02	5.8725e+01	-4.0151e+02
	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.4762e+02	-1.9859e+02	-2.8617e+02
	1799	0.0000e+00	0.0000e+00	0.0000e+00	-6.3831e+00	-1.9191e+02	-2.7399e+02
782	1797	0.0000e+00	0.0000e+00	0.0000e+00	1.2840e+02	-2.2355e+01	-4.3629e+02
	443	0.0000e+00	0.0000e+00	0.0000e+00	1.2388e+02	2.4433e+02	-5.5957e+02
	445	0.0000e+00	0.0000e+00	0.0000e+00	-1.0460e+02	-2.4203e+02	-4.8502e+02
	1798	0.0000e+00	0.0000e+00	0.0000e+00	7.7305e+01	-1.3194e+02	-3.6057e+02
783	73	0.0000e+00	0.0000e+00	0.0000e+00	3.1885e+02	8.4895e+02	1.8494e+02
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.8020e+03	7.4789e+02	-5.0669e+02
	443	0.0000e+00	0.0000e+00	0.0000e+00	2.1210e+02	-4.6853e+02	-8.8911e+02
	1797	0.0000e+00	0.0000e+00	0.0000e+00	4.9737e+02	2.2786e+02	-2.6579e+02
784	1371	0.0000e+00	0.0000e+00	0.0000e+00	-5.5162e+01	5.2853e+02	1.0514e+03
	1796	0.0000e+00	0.0000e+00	0.0000e+00	-4.9904e+02	-3.6939e+02	4.9751e+02
	85	0.0000e+00	0.0000e+00	0.0000e+00	4.1751e+02	-9.7433e+02	3.0126e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	-2.0546e+03	-9.1630e+02	5.8397e+02
785	1370	0.0000e+00	0.0000e+00	0.0000e+00	1.3199e+02	2.9797e+02	5.8800e+02
	1795	0.0000e+00	0.0000e+00	0.0000e+00	-7.4274e+01	1.6348e+02	4.8495e+02
	1796	0.0000e+00	0.0000e+00	0.0000e+00	-1.2095e+02	3.7415e+01	5.9503e+02
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-2.3594e+01	-3.2228e+02	6.9807e+02
786	1369	0.0000e+00	0.0000e+00	0.0000e+00	1.5222e+02	2.6236e+02	3.6526e+02

	1794	0.0000e+00	0.0000e+00	0.0000e+00	-2.2563e+00	2.3248e+02	3.6634e+02
	1795	0.0000e+00	0.0000e+00	0.0000e+00	2.8779e+01	2.2645e+02	5.0547e+02
	1370	0.0000e+00	0.0000e+00	0.0000e+00	1.2668e+02	-8.7922e+01	5.0439e+02
787	1368	0.0000e+00	0.0000e+00	0.0000e+00	1.3539e+02	2.3896e+02	1.9459e+02
	1793	0.0000e+00	0.0000e+00	0.0000e+00	1.7327e+01	2.7463e+02	2.0631e+02
	1794	0.0000e+00	0.0000e+00	0.0000e+00	3.5162e+01	2.7844e+02	3.3531e+02
	1369	0.0000e+00	0.0000e+00	0.0000e+00	1.4043e+02	5.0365e+01	3.2359e+02
788	1367	0.0000e+00	0.0000e+00	0.0000e+00	1.2503e+02	1.9994e+02	4.5360e+01
	1792	0.0000e+00	0.0000e+00	0.0000e+00	2.3943e+01	2.9268e+02	5.0048e+01
	1793	0.0000e+00	0.0000e+00	0.0000e+00	2.9638e+01	2.9536e+02	1.6990e+02
	1368	0.0000e+00	0.0000e+00	0.0000e+00	1.2849e+02	1.4305e+02	1.6522e+02
789	1366	0.0000e+00	0.0000e+00	0.0000e+00	1.2816e+02	1.3653e+02	-1.0043e+02
	1791	0.0000e+00	0.0000e+00	0.0000e+00	3.0560e+01	2.9189e+02	-1.0564e+02
	1792	0.0000e+00	0.0000e+00	0.0000e+00	2.3099e+01	2.9180e+02	1.3504e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	1.2545e+02	2.0358e+02	1.8710e+01
790	1365	0.0000e+00	0.0000e+00	0.0000e+00	1.4009e+02	4.3537e+01	-2.5635e+02
	1790	0.0000e+00	0.0000e+00	0.0000e+00	3.5852e+01	2.7110e+02	-2.6832e+02
	1791	0.0000e+00	0.0000e+00	0.0000e+00	1.6798e+01	2.6979e+02	-1.4153e+02
	1366	0.0000e+00	0.0000e+00	0.0000e+00	1.3577e+02	2.3813e+02	-1.2956e+02
791	1364	0.0000e+00	0.0000e+00	0.0000e+00	1.2578e+02	-9.1594e+01	-4.3275e+02
	1789	0.0000e+00	0.0000e+00	0.0000e+00	2.8624e+01	2.1639e+02	-4.3338e+02
	1790	0.0000e+00	0.0000e+00	0.0000e+00	-2.4344e+00	2.2496e+02	-2.9821e+02
	1365	0.0000e+00	0.0000e+00	0.0000e+00	1.5220e+02	2.5644e+02	-2.9758e+02
792	1363	0.0000e+00	0.0000e+00	0.0000e+00	-2.9510e+01	-3.1837e+02	-6.1908e+02
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-1.2075e+02	2.5663e+01	-5.1390e+02
	1789	0.0000e+00	0.0000e+00	0.0000e+00	-7.4531e+01	1.5456e+02	-4.1099e+02
	1364	0.0000e+00	0.0000e+00	0.0000e+00	1.3069e+02	2.8755e+02	-5.1616e+02
793	29	0.0000e+00	0.0000e+00	0.0000e+00	-2.0445e+03	-9.0121e+02	-4.9151e+02
	84	0.0000e+00	0.0000e+00	0.0000e+00	3.7085e+02	-1.0027e+03	7.5239e+01
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-5.0286e+02	-3.6605e+02	-4.0444e+02
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-6.2689e+01	5.1348e+02	-9.7118e+02
794	1296	0.0000e+00	0.0000e+00	0.0000e+00	-6.2667e+01	5.1349e+02	9.7118e+02
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-5.0286e+02	-3.6594e+02	4.0443e+02
	82	0.0000e+00	0.0000e+00	0.0000e+00	3.7082e+02	-1.0027e+03	-7.5268e+01
	27	0.0000e+00	0.0000e+00	0.0000e+00	-2.0445e+03	-9.0104e+02	4.9149e+02
795	1295	0.0000e+00	0.0000e+00	0.0000e+00	1.3070e+02	2.8756e+02	5.1616e+02
	1786	0.0000e+00	0.0000e+00	0.0000e+00	-7.4518e+01	1.5463e+02	4.1099e+02
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-1.2074e+02	2.5736e+01	5.1390e+02
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-2.9479e+01	-3.1825e+02	6.1907e+02
796	1294	0.0000e+00	0.0000e+00	0.0000e+00	1.5220e+02	2.5643e+02	2.9758e+02
	1785	0.0000e+00	0.0000e+00	0.0000e+00	-2.4148e+00	2.2500e+02	2.9820e+02
	1786	0.0000e+00	0.0000e+00	0.0000e+00	2.8622e+01	2.1643e+02	4.3337e+02
	1295	0.0000e+00	0.0000e+00	0.0000e+00	1.2579e+02	-9.1502e+01	4.3275e+02
797	1293	0.0000e+00	0.0000e+00	0.0000e+00	1.3577e+02	2.3810e+02	1.2955e+02
	1784	0.0000e+00	0.0000e+00	0.0000e+00	1.6802e+01	2.6981e+02	1.4152e+02
	1785	0.0000e+00	0.0000e+00	0.0000e+00	3.5848e+01	2.7113e+02	2.6832e+02
	1294	0.0000e+00	0.0000e+00	0.0000e+00	1.4009e+02	4.3603e+01	2.5634e+02
798	1292	0.0000e+00	0.0000e+00	0.0000e+00	1.2545e+02	2.0353e+02	-1.8723e+01
	1783	0.0000e+00	0.0000e+00	0.0000e+00	2.3103e+01	2.9180e+02	-1.3521e+01
	1784	0.0000e+00	0.0000e+00	0.0000e+00	3.0555e+01	2.9189e+02	1.0563e+02
	1293	0.0000e+00	0.0000e+00	0.0000e+00	1.2816e+02	1.3657e+02	1.0043e+02
799	1291	0.0000e+00	0.0000e+00	0.0000e+00	1.2849e+02	1.4298e+02	-1.6522e+02
	1782	0.0000e+00	0.0000e+00	0.0000e+00	2.9642e+01	2.9533e+02	-1.6991e+02
	1783	0.0000e+00	0.0000e+00	0.0000e+00	2.3938e+01	2.9266e+02	-5.0058e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	1.2503e+02	1.9996e+02	-4.5369e+01
800	1290	0.0000e+00	0.0000e+00	0.0000e+00	1.4042e+02	5.0279e+01	-3.2359e+02
	1781	0.0000e+00	0.0000e+00	0.0000e+00	3.5166e+01	2.7840e+02	-3.3531e+02
	1782	0.0000e+00	0.0000e+00	0.0000e+00	1.7320e+01	2.7459e+02	-2.0631e+02
	1291	0.0000e+00	0.0000e+00	0.0000e+00	1.3539e+02	2.3896e+02	-1.9460e+02
801	1289	0.0000e+00	0.0000e+00	0.0000e+00	1.2667e+02	-8.8031e+01	-5.0439e+02
	1780	0.0000e+00	0.0000e+00	0.0000e+00	2.8781e+01	2.2638e+02	-5.0548e+02
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-2.2425e+00	2.3242e+02	-3.6635e+02
	1290	0.0000e+00	0.0000e+00	0.0000e+00	1.5222e+02	2.6234e+02	-3.6526e+02

802 1288 0.0000e+00 0.0000e+00 0.0000e+00 -2.3611e+01 -3.2242e+02 -6.9807e+02  
1779 0.0000e+00 0.0000e+00 0.0000e+00 -1.2095e+02 3.7346e+01 -5.9502e+02  
1780 0.0000e+00 0.0000e+00 0.0000e+00 -7.4286e+01 1.6340e+02 -4.8495e+02  
1289 0.0000e+00 0.0000e+00 0.0000e+00 1.3198e+02 2.9794e+02 -5.8800e+02

803 26 0.0000e+00 0.0000e+00 0.0000e+00 -2.0547e+03 -9.1649e+02 -5.8399e+02  
81 0.0000e+00 0.0000e+00 0.0000e+00 4.1753e+02 -9.7438e+02 -3.0141e+01  
1779 0.0000e+00 0.0000e+00 0.0000e+00 -4.9905e+02 -3.6951e+02 -4.9751e+02  
1288 0.0000e+00 0.0000e+00 0.0000e+00 -5.5185e+01 5.2851e+02 -1.0514e+03

804 1778 0.0000e+00 0.0000e+00 0.0000e+00 4.9736e+02 2.2795e+02 2.6532e+02  
342 0.0000e+00 0.0000e+00 0.0000e+00 2.1127e+02 -4.6851e+02 8.8913e+02  
5 0.0000e+00 0.0000e+00 0.0000e+00 1.8020e+03 7.4784e+02 5.0666e+02  
71 0.0000e+00 0.0000e+00 0.0000e+00 3.1588e+02 8.4860e+02 -1.8477e+02

805 1777 0.0000e+00 0.0000e+00 0.0000e+00 7.7313e+01 -1.3175e+02 3.6063e+02  
340 0.0000e+00 0.0000e+00 0.0000e+00 -1.0449e+02 -2.4171e+02 4.8508e+02  
342 0.0000e+00 0.0000e+00 0.0000e+00 1.2337e+02 2.4427e+02 5.5961e+02  
1778 0.0000e+00 0.0000e+00 0.0000e+00 1.2830e+02 -2.2169e+01 4.3628e+02

806 1776 0.0000e+00 0.0000e+00 0.0000e+00 -6.3382e+00 -1.9163e+02 2.7411e+02  
338 0.0000e+00 0.0000e+00 0.0000e+00 -1.4761e+02 -1.9799e+02 2.8628e+02  
340 0.0000e+00 0.0000e+00 0.0000e+00 -1.1036e+02 5.8848e+01 4.0159e+02  
1777 0.0000e+00 0.0000e+00 0.0000e+00 -1.9555e+01 -1.8239e+02 3.8944e+02

807 1775 0.0000e+00 0.0000e+00 0.0000e+00 -2.2718e+01 -2.2270e+02 1.3948e+02  
336 0.0000e+00 0.0000e+00 0.0000e+00 -1.4284e+02 -1.7857e+02 1.3413e+02  
338 0.0000e+00 0.0000e+00 0.0000e+00 -1.4276e+02 -4.3193e+01 2.4659e+02  
1776 0.0000e+00 0.0000e+00 0.0000e+00 -3.1813e+01 -2.2398e+02 2.5188e+02

808 1774 0.0000e+00 0.0000e+00 0.0000e+00 -2.7603e+01 -2.3671e+02 -6.7026e+00  
334 0.0000e+00 0.0000e+00 0.0000e+00 -1.3707e+02 -1.5193e+02 -5.8627e+00  
336 0.0000e+00 0.0000e+00 0.0000e+00 -1.3891e+02 -1.0850e+02 1.0636e+02  
1775 0.0000e+00 0.0000e+00 0.0000e+00 -3.1005e+01 -2.3737e+02 1.0924e+02

809 1773 0.0000e+00 0.0000e+00 0.0000e+00 -3.1047e+01 -2.3819e+02 -1.3748e+02  
332 0.0000e+00 0.0000e+00 0.0000e+00 -1.3911e+02 -1.0862e+02 -1.3454e+02  
334 0.0000e+00 0.0000e+00 0.0000e+00 -1.3710e+02 -1.5197e+02 -2.7382e+01  
1774 0.0000e+00 0.0000e+00 0.0000e+00 -2.7520e+01 -2.3663e+02 -3.0172e+01

810 1772 0.0000e+00 0.0000e+00 0.0000e+00 -3.1897e+01 -2.2525e+02 -2.8144e+02  
330 0.0000e+00 0.0000e+00 0.0000e+00 -1.4315e+02 -4.2052e+01 -2.7614e+02  
332 0.0000e+00 0.0000e+00 0.0000e+00 -1.4314e+02 -1.7951e+02 -1.6259e+02  
1773 0.0000e+00 0.0000e+00 0.0000e+00 -2.2448e+01 -2.2315e+02 -1.6784e+02

811 1771 0.0000e+00 0.0000e+00 0.0000e+00 -1.9069e+01 -1.8325e+02 -4.2101e+02  
328 0.0000e+00 0.0000e+00 0.0000e+00 -1.1053e+02 6.1757e+01 -4.3350e+02  
330 0.0000e+00 0.0000e+00 0.0000e+00 -1.4822e+02 -2.0022e+02 -3.1643e+02  
1772 0.0000e+00 0.0000e+00 0.0000e+00 -5.7769e+00 -1.9185e+02 -3.0380e+02

812 1770 0.0000e+00 0.0000e+00 0.0000e+00 1.2835e+02 -2.2394e+01 -4.6949e+02  
326 0.0000e+00 0.0000e+00 0.0000e+00 1.2162e+02 2.5371e+02 -5.9527e+02  
328 0.0000e+00 0.0000e+00 0.0000e+00 -1.0457e+02 -2.4555e+02 -5.1833e+02  
1771 0.0000e+00 0.0000e+00 0.0000e+00 7.8733e+01 -1.3032e+02 -3.9154e+02

813 70 0.0000e+00 0.0000e+00 0.0000e+00 3.0278e+02 8.4262e+02 1.4473e+02  
4 0.0000e+00 0.0000e+00 0.0000e+00 1.8125e+03 7.6643e+02 -5.5252e+02  
326 0.0000e+00 0.0000e+00 0.0000e+00 2.0847e+02 -4.7273e+02 -9.2893e+02  
1770 0.0000e+00 0.0000e+00 0.0000e+00 5.0088e+02 2.3244e+02 -2.8721e+02

814 1769 0.0000e+00 0.0000e+00 0.0000e+00 5.0039e+02 2.4047e+02 3.0152e+02  
233 0.0000e+00 0.0000e+00 0.0000e+00 2.0478e+02 -4.6281e+02 9.4091e+02  
3 0.0000e+00 0.0000e+00 0.0000e+00 1.8112e+03 7.6966e+02 5.6061e+02  
69 0.0000e+00 0.0000e+00 0.0000e+00 2.8920e+02 8.5501e+02 -1.4097e+02

815 1768 0.0000e+00 0.0000e+00 0.0000e+00 7.8287e+01 -1.2054e+02 4.0646e+02  
231 0.0000e+00 0.0000e+00 0.0000e+00 -1.0470e+02 -2.3363e+02 5.3196e+02  
233 0.0000e+00 0.0000e+00 0.0000e+00 1.1962e+02 2.5910e+02 6.0816e+02  
1769 0.0000e+00 0.0000e+00 0.0000e+00 1.2784e+02 -1.2148e+01 4.8338e+02

816 1767 0.0000e+00 0.0000e+00 0.0000e+00 -5.1711e+00 -1.8029e+02 3.2001e+02  
229 0.0000e+00 0.0000e+00 0.0000e+00 -1.4805e+02 -1.8726e+02 3.3213e+02  
231 0.0000e+00 0.0000e+00 0.0000e+00 -1.1075e+02 7.0326e+01 4.4797e+02  
1768 0.0000e+00 0.0000e+00 0.0000e+00 -1.8713e+01 -1.7234e+02 4.3581e+02

817 1766 0.0000e+00 0.0000e+00 0.0000e+00 -2.2166e+01 -2.1061e+02 1.8620e+02  
227 0.0000e+00 0.0000e+00 0.0000e+00 -1.4296e+02 -1.6816e+02 1.8069e+02  
229 0.0000e+00 0.0000e+00 0.0000e+00 -1.4289e+02 -3.0298e+01 2.9249e+02

	1767	0.0000e+00	0.0000e+00	0.0000e+00	-3.2089e+01	-2.1332e+02	2.9795e+02
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	-2.7098e+01	-2.2456e+02	5.1532e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-1.3705e+02	-1.4493e+02	4.8417e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-1.3870e+02	-9.3917e+01	1.5324e+02
	1766	0.0000e+00	0.0000e+00	0.0000e+00	-3.1523e+01	-2.2643e+02	1.5640e+02
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	-3.0335e+01	-2.2769e+02	-8.5467e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.3903e+02	-1.0883e+02	-8.3209e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-1.3658e+02	-1.3523e+02	2.4837e+01
	1765	0.0000e+00	0.0000e+00	0.0000e+00	-2.8348e+01	-2.2694e+02	2.2232e+01
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	-3.0784e+01	-2.1899e+02	-2.2378e+02
	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.4325e+02	-5.4264e+01	-2.1951e+02
	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.4224e+02	-1.6127e+02	-1.1043e+02
	1764	0.0000e+00	0.0000e+00	0.0000e+00	-2.3692e+01	-2.1715e+02	-1.1452e+02
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	-1.8009e+01	-1.8470e+02	-3.5652e+02
	219	0.0000e+00	0.0000e+00	0.0000e+00	-1.1257e+02	3.2355e+01	-3.7013e+02
	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.4713e+02	-1.8229e+02	-2.5863e+02
	1763	0.0000e+00	0.0000e+00	0.0000e+00	-6.8829e+00	-1.9273e+02	-2.4478e+02
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	1.3063e+02	-3.6410e+01	-3.9765e+02
	217	0.0000e+00	0.0000e+00	0.0000e+00	1.1905e+02	2.0073e+02	-5.2323e+02
	219	0.0000e+00	0.0000e+00	0.0000e+00	-1.0560e+02	-2.3073e+02	-4.5246e+02
	1762	0.0000e+00	0.0000e+00	0.0000e+00	7.3750e+01	-1.4321e+02	-3.2563e+02
823	68	0.0000e+00	0.0000e+00	0.0000e+00	2.6532e+02	8.1850e+02	2.1041e+02
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.8284e+03	6.8673e+02	-4.5899e+02
	217	0.0000e+00	0.0000e+00	0.0000e+00	2.0203e+02	-4.6590e+02	-8.5374e+02
	1761	0.0000e+00	0.0000e+00	0.0000e+00	4.9081e+02	2.2016e+02	-2.2932e+02
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	5.5417e+02	3.1850e+02	2.5480e+02
	117	0.0000e+00	0.0000e+00	0.0000e+00	2.5717e+02	-5.6264e+02	8.7945e+02
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.8579e+03	7.7687e+02	4.8757e+02
	68	0.0000e+00	0.0000e+00	0.0000e+00	2.5831e+02	7.8890e+02	-1.8887e+02
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	1.1130e+02	-1.5912e+02	3.5690e+02
	115	0.0000e+00	0.0000e+00	0.0000e+00	-6.3545e+01	-3.2532e+02	5.1096e+02
	117	0.0000e+00	0.0000e+00	0.0000e+00	1.5412e+02	2.5562e+02	5.5889e+02
	1760	0.0000e+00	0.0000e+00	0.0000e+00	2.0824e+02	-2.2012e+01	4.0610e+02
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	1.0471e+01	-2.2715e+02	3.1721e+02
	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.1199e+02	-2.8205e+02	3.3580e+02
	115	0.0000e+00	0.0000e+00	0.0000e+00	-7.0662e+01	5.2283e+01	4.2823e+02
	1759	0.0000e+00	0.0000e+00	0.0000e+00	1.4648e+01	-2.1123e+02	4.0983e+02
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	-1.1762e+01	-2.6639e+02	2.1679e+02
	111	0.0000e+00	0.0000e+00	0.0000e+00	-1.0327e+02	-2.6677e+02	2.0665e+02
	113	0.0000e+00	0.0000e+00	0.0000e+00	-1.0735e+02	-6.3482e+01	2.9612e+02
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-2.5331e+01	-2.6399e+02	3.0631e+02
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	-1.5354e+01	-2.8369e+02	1.1569e+02
	109	0.0000e+00	0.0000e+00	0.0000e+00	-8.1486e+01	-2.4649e+02	1.0216e+02
	111	0.0000e+00	0.0000e+00	0.0000e+00	-9.6054e+01	-1.4398e+02	1.8197e+02
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-2.4420e+01	-2.8502e+02	1.9553e+02
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	-1.4196e+01	-2.8358e+02	2.2911e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-5.7818e+01	-2.0662e+02	1.2016e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-7.6146e+01	-2.0503e+02	8.2789e+01
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-1.5616e+01	-2.8768e+02	9.3945e+01
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	-9.5057e+00	-2.6249e+02	-6.1851e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-2.8445e+01	-1.3785e+02	-7.1914e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-5.5040e+01	-2.5146e+02	-7.6936e+00
	1755	0.0000e+00	0.0000e+00	0.0000e+00	-2.7468e+00	-2.7150e+02	7.9329e+00
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	1.3410e+01	-2.0940e+02	-1.2809e+02
	103	0.0000e+00	0.0000e+00	0.0000e+00	3.1058e+01	-2.8512e+01	-1.4924e+02
	105	0.0000e+00	0.0000e+00	0.0000e+00	-2.6367e+01	-2.8744e+02	-9.4388e+01
	1754	0.0000e+00	0.0000e+00	0.0000e+00	2.2006e+01	-2.2980e+02	-7.3204e+01
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	9.4617e+01	-8.1641e+01	-1.3847e+02
	101	0.0000e+00	0.0000e+00	0.0000e+00	1.9020e+02	1.5260e+02	-2.1333e+02
	103	0.0000e+00	0.0000e+00	0.0000e+00	4.3102e+01	-3.2584e+02	-1.8948e+02
	1753	0.0000e+00	0.0000e+00	0.0000e+00	8.3664e+01	-1.5022e+02	-1.1219e+02
833	67	0.0000e+00	0.0000e+00	0.0000e+00	2.8504e+02	3.1268e+02	1.2693e+02
	1	0.0000e+00	0.0000e+00	0.0000e+00	8.5581e+02	4.8734e+02	-2.1233e+02

	101	0.0000e+00	0.0000e+00	0.0000e+00	2.4625e+02	-4.1592e+02	-3.4376e+02
	1752	0.0000e+00	0.0000e+00	0.0000e+00	2.8783e+02	7.9500e+01	9.1951e+01
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	-5.5635e+01	5.2061e+02	1.0616e+03
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-4.9898e+02	-3.7678e+02	5.0729e+02
	80	0.0000e+00	0.0000e+00	0.0000e+00	4.1739e+02	-9.8107e+02	3.9143e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	-2.0559e+03	-9.2062e+02	5.9329e+02
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	1.3181e+02	2.8980e+02	5.9931e+02
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-7.4098e+01	1.5537e+02	4.9602e+02
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-1.2124e+02	2.9993e+01	6.0512e+02
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-2.3646e+01	-3.2813e+02	7.0842e+02
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	1.5237e+02	2.5509e+02	3.7800e+02
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-2.0069e+00	2.2381e+02	3.7896e+02
	1750	0.0000e+00	0.0000e+00	0.0000e+00	2.8805e+01	2.1813e+02	5.1691e+02
	1220	0.0000e+00	0.0000e+00	0.0000e+00	1.2664e+02	-9.5464e+01	5.1596e+02
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	1.3594e+02	2.3390e+02	2.0903e+02
	1748	0.0000e+00	0.0000e+00	0.0000e+00	1.7270e+01	2.6616e+02	2.2072e+02
	1749	0.0000e+00	0.0000e+00	0.0000e+00	3.5510e+01	2.7018e+02	3.4834e+02
	1219	0.0000e+00	0.0000e+00	0.0000e+00	1.4057e+02	4.1512e+01	3.3664e+02
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	1.2605e+02	1.9875e+02	6.1818e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	2.3689e+01	2.8544e+02	6.6648e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	3.0387e+01	2.8813e+02	1.8483e+02
	1218	0.0000e+00	0.0000e+00	0.0000e+00	1.2883e+02	1.3301e+02	1.7998e+02
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	1.2962e+02	1.4128e+02	-8.2002e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	2.9998e+01	2.8720e+02	-8.6766e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	2.4323e+01	2.8688e+02	3.0836e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	1.2596e+02	1.9303e+02	3.5589e+01
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	1.4178e+02	5.6874e+01	-2.3528e+02
	1745	0.0000e+00	0.0000e+00	0.0000e+00	3.4816e+01	2.7057e+02	-2.4640e+02
	1746	0.0000e+00	0.0000e+00	0.0000e+00	1.8525e+01	2.6874e+02	-1.2189e+02
	1216	0.0000e+00	0.0000e+00	0.0000e+00	1.3634e+02	2.2800e+02	-1.1078e+02
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	1.2700e+02	-6.7751e+01	-4.0858e+02
	1744	0.0000e+00	0.0000e+00	0.0000e+00	2.6990e+01	2.2194e+02	-4.0769e+02
	1745	0.0000e+00	0.0000e+00	0.0000e+00	3.3776e+00	2.2961e+02	-2.7534e+02
	1215	0.0000e+00	0.0000e+00	0.0000e+00	1.5248e+02	2.4804e+02	-2.7623e+02
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	-2.7173e+01	-2.8012e+02	-5.9133e+02
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-1.2666e+02	3.9587e+01	-4.8315e+02
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-7.1888e+01	1.6786e+02	-3.8347e+02
	1214	0.0000e+00	0.0000e+00	0.0000e+00	1.2975e+02	2.8269e+02	-4.9165e+02
843	24	0.0000e+00	0.0000e+00	0.0000e+00	-2.0892e+03	-8.4678e+02	-4.5740e+02
	79	0.0000e+00	0.0000e+00	0.0000e+00	4.1426e+02	-9.7204e+02	1.1009e+02
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-5.0110e+02	-3.5794e+02	-3.7947e+02
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-6.4118e+01	5.1823e+02	-9.4695e+02
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	-1.2319e+02	6.0974e+02	9.8276e+02
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-5.5807e+02	-4.7708e+02	4.1790e+02
	79	0.0000e+00	0.0000e+00	0.0000e+00	4.4016e+02	-9.3691e+02	-6.2494e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	-2.1256e+03	-9.4276e+02	5.0238e+02
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	8.8175e+01	3.5807e+02	5.6658e+02
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-1.0659e+02	1.7640e+02	4.2934e+02
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-2.1344e+02	-9.0154e+00	4.9998e+02
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-4.9050e+01	-3.3923e+02	6.3722e+02
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	1.2074e+02	3.3072e+02	3.7120e+02
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-1.0159e+01	2.5048e+02	3.6672e+02
	1741	0.0000e+00	0.0000e+00	0.0000e+00	1.3237e+01	2.3318e+02	4.7878e+02
	1151	0.0000e+00	0.0000e+00	0.0000e+00	8.9435e+01	-9.9746e+01	4.8327e+02
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	9.9418e+01	3.1893e+02	2.2620e+02
	1739	0.0000e+00	0.0000e+00	0.0000e+00	8.7869e+00	3.0094e+02	2.4461e+02
	1740	0.0000e+00	0.0000e+00	0.0000e+00	3.0753e+01	2.9819e+02	3.4809e+02
	1150	0.0000e+00	0.0000e+00	0.0000e+00	1.1018e+02	4.7898e+01	3.2967e+02
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	7.0906e+01	2.9540e+02	1.0998e+02
	1738	0.0000e+00	0.0000e+00	0.0000e+00	1.1936e+01	3.2522e+02	1.2778e+02
	1739	0.0000e+00	0.0000e+00	0.0000e+00	2.5850e+01	3.2663e+02	2.1785e+02
	1149	0.0000e+00	0.0000e+00	0.0000e+00	8.8654e+01	1.5384e+02	2.0004e+02
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	4.5461e+01	2.4620e+02	1.0543e+01

	1737	0.0000e+00	0.0000e+00	0.0000e+00	1.2527e+01	3.2786e+02	2.1633e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	1.4490e+01	3.3238e+02	1.0132e+02
	1148	0.0000e+00	0.0000e+00	0.0000e+00	6.4123e+01	2.3418e+02	8.9717e+01
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.2601e+01	1.6324e+02	-8.2209e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	1.2381e+01	3.0602e+02	-7.6604e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	1.4892e+00	3.1532e+02	-4.9148e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	4.3683e+01	2.9256e+02	-9.4887e+00
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	-1.0659e+01	3.7326e+01	-1.6985e+02
	1735	0.0000e+00	0.0000e+00	0.0000e+00	7.9823e+00	2.5103e+02	-1.6443e+02
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-1.7226e+01	2.7038e+02	-9.6441e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.5362e+01	3.3112e+02	-1.0186e+02
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	-6.9032e+01	-1.5078e+02	-2.4608e+02
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-5.7573e+01	1.1424e+02	-2.1009e+02
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-5.8224e+01	1.9461e+02	-1.6270e+02
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-5.9911e+00	3.5297e+02	-1.9868e+02
853	23	0.0000e+00	0.0000e+00	0.0000e+00	-7.2608e+02	-4.7715e+02	-2.0632e+02
	78	0.0000e+00	0.0000e+00	0.0000e+00	1.7408e+02	-3.0722e+02	-5.5134e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-2.0758e+02	-9.4420e+01	-2.0172e+02
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-7.5759e+01	4.0535e+02	-3.5292e+02
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	7.9244e+02	8.1334e+01	-6.9163e+01
	90	0.0000e+00	0.0000e+00	0.0000e+00	3.4882e+02	-1.8385e+02	6.7306e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	1.4465e+03	2.1669e+02	-3.5783e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	4.9455e+01	1.4909e+02	-1.7091e+02
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	4.7205e+02	1.0664e+02	-8.6325e+01
	1733	0.0000e+00	0.0000e+00	0.0000e+00	4.9585e+02	-1.5446e+01	-1.0794e+02
	196	0.0000e+00	0.0000e+00	0.0000e+00	1.0136e+03	1.8382e+02	-1.2462e+02
	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.0580e+02	9.4177e+01	-1.0300e+02
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	2.3273e+02	8.6846e+01	-5.0552e+01
	1732	0.0000e+00	0.0000e+00	0.0000e+00	2.8337e+02	-2.9572e+01	-7.2916e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	6.9957e+02	1.3701e+02	-9.2474e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	-2.4491e+02	5.8454e+01	-6.9972e+01
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	5.4355e+01	7.1522e+01	-3.2064e+01
	1731	0.0000e+00	0.0000e+00	0.0000e+00	8.1797e+01	-3.2091e+01	-4.3427e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	4.4131e+02	9.9654e+01	-6.5319e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	-3.8737e+02	3.8869e+01	-5.3406e+01
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	-1.7437e+02	6.1028e+01	-2.5396e+01
	1730	0.0000e+00	0.0000e+00	0.0000e+00	-1.3625e+02	-3.1796e+01	-2.9212e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	2.2014e+02	7.6873e+01	-5.0961e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-5.2019e+02	2.8435e+01	-4.6438e+01
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	-3.3425e+02	5.3100e+01	-2.5588e+01
	1729	0.0000e+00	0.0000e+00	0.0000e+00	-2.9806e+02	-3.0027e+01	-2.4997e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	5.6394e+01	6.3041e+01	-4.5053e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-6.3924e+02	2.3880e+01	-4.5618e+01
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	-4.7981e+02	4.5631e+01	-3.2299e+01
	1728	0.0000e+00	0.0000e+00	0.0000e+00	-4.4525e+02	-2.8048e+01	-2.7145e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.7692e+02	5.4133e+01	-4.4522e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-7.4166e+02	2.2214e+01	-5.0240e+01
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	-6.0739e+02	3.6662e+01	-4.8866e+01
	1727	0.0000e+00	0.0000e+00	0.0000e+00	-5.7730e+02	-2.7275e+01	-3.6983e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-3.3518e+02	4.5567e+01	-4.9459e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-8.2658e+02	-2.2582e+01	-6.1658e+01
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	-6.7475e+02	2.0882e+01	-5.8659e+01
	1726	0.0000e+00	0.0000e+00	0.0000e+00	-6.9385e+02	-2.4818e+01	-5.6475e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-4.6711e+02	3.1986e+01	-6.5946e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-9.0091e+02	-3.0032e+01	-6.8148e+01
863	89	0.0000e+00	0.0000e+00	0.0000e+00	-2.2223e+02	1.5980e+02	2.1489e+02
	1725	0.0000e+00	0.0000e+00	0.0000e+00	-8.1294e+02	5.8374e+01	1.9347e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-5.0510e+02	-2.8077e+01	-1.1130e+02
	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.8773e+02	1.1550e+02	1.0980e+02
864	773	0.0000e+00	0.0000e+00	0.0000e+00	4.8257e+01	1.4907e+02	1.7125e+02
	22	0.0000e+00	0.0000e+00	0.0000e+00	1.4463e+03	2.1636e+02	3.6749e+01
	96	0.0000e+00	0.0000e+00	0.0000e+00	3.4840e+02	-1.8380e+02	-6.7711e+01
	1724	0.0000e+00	0.0000e+00	0.0000e+00	7.9228e+02	8.1262e+01	6.9609e+01

865	763	0.0000e+00	0.0000e+00	0.0000e+00	-1.0555e+02	9.4191e+01	1.0338e+02
	773	0.0000e+00	0.0000e+00	0.0000e+00	1.0135e+03	1.8382e+02	1.2497e+02
	1724	0.0000e+00	0.0000e+00	0.0000e+00	4.9568e+02	-1.5481e+01	1.0827e+02
	1723	0.0000e+00	0.0000e+00	0.0000e+00	4.7190e+02	1.0663e+02	8.6678e+01
866	753	0.0000e+00	0.0000e+00	0.0000e+00	-2.4500e+02	5.8469e+01	7.0398e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	6.9946e+02	1.3703e+02	9.2872e+01
	1723	0.0000e+00	0.0000e+00	0.0000e+00	2.8314e+02	-2.9580e+01	7.3307e+01
	1722	0.0000e+00	0.0000e+00	0.0000e+00	2.3247e+02	8.6854e+01	5.0997e+01
867	743	0.0000e+00	0.0000e+00	0.0000e+00	-3.8758e+02	3.8902e+01	5.3788e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	4.4115e+02	9.9679e+01	6.5747e+01
	1722	0.0000e+00	0.0000e+00	0.0000e+00	8.1266e+01	-3.2092e+01	4.3895e+01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	5.3702e+01	7.1537e+01	3.2499e+01
868	733	0.0000e+00	0.0000e+00	0.0000e+00	-5.2046e+02	2.8542e+01	4.6649e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	2.1990e+02	7.6918e+01	5.1313e+01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	-1.3619e+02	-3.1793e+01	2.9615e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	-1.7439e+02	6.1050e+01	2.5592e+01
869	723	0.0000e+00	0.0000e+00	0.0000e+00	-6.3952e+02	2.4134e+01	4.5592e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	5.6075e+01	6.3133e+01	4.5205e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	-2.9818e+02	-3.0021e+01	2.5109e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	-3.3440e+02	5.3127e+01	2.5431e+01
870	713	0.0000e+00	0.0000e+00	0.0000e+00	-7.4190e+02	2.2674e+01	5.0020e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-1.7715e+02	5.4301e+01	4.4429e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	-4.4542e+02	-2.8046e+01	2.6921e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	-4.8000e+02	4.5663e+01	3.1930e+01
871	703	0.0000e+00	0.0000e+00	0.0000e+00	-8.2673e+02	-2.3284e+01	6.1370e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-3.3552e+02	4.5851e+01	4.9193e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	-5.7747e+02	-2.7294e+01	3.6615e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	-6.0758e+02	3.6696e+01	4.8508e+01
872	693	0.0000e+00	0.0000e+00	0.0000e+00	-9.0093e+02	-3.0718e+01	6.7855e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	-4.6754e+02	3.2543e+01	6.5655e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	-6.9399e+02	-2.4883e+01	5.6157e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	-6.7492e+02	2.0974e+01	5.8344e+01
873	11	0.0000e+00	0.0000e+00	0.0000e+00	-9.8765e+02	1.1589e+02	-1.0978e+02
	693	0.0000e+00	0.0000e+00	0.0000e+00	-5.0579e+02	-2.8908e+01	1.1107e+02
	1716	0.0000e+00	0.0000e+00	0.0000e+00	-8.1297e+02	5.8290e+01	-1.8545e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	-2.2348e+02	1.6014e+02	-2.1495e+02
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	4.7470e+02	-4.2862e+01	1.4645e+02
	33	0.0000e+00	0.0000e+00	0.0000e+00	9.1413e+02	-1.6539e+02	-4.7595e+01
	97	0.0000e+00	0.0000e+00	0.0000e+00	2.5200e+02	-1.2072e+02	-1.4172e+02
	1715	0.0000e+00	0.0000e+00	0.0000e+00	7.3507e+02	-6.1344e+01	5.2263e+01
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	3.8261e+02	-6.2415e+01	1.1361e+02
	1506	0.0000e+00	0.0000e+00	0.0000e+00	8.6410e+02	-4.1757e+01	1.1018e+02
	1715	0.0000e+00	0.0000e+00	0.0000e+00	6.1655e+02	-3.9260e+01	9.3117e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	6.2299e+02	1.4430e+01	9.6548e+01
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	2.0939e+02	-7.4263e+01	1.0953e+02
	1496	0.0000e+00	0.0000e+00	0.0000e+00	7.9587e+02	-3.7371e+01	1.1232e+02
	1714	0.0000e+00	0.0000e+00	0.0000e+00	5.2520e+02	-5.1776e+01	9.2539e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	4.8566e+02	2.3366e+01	8.9747e+01
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	1.5494e+01	-8.3365e+01	1.1973e+02
	1486	0.0000e+00	0.0000e+00	0.0000e+00	6.9984e+02	-4.1222e+01	1.1298e+02
	1713	0.0000e+00	0.0000e+00	0.0000e+00	3.7003e+02	-6.1416e+01	8.9073e+01
	1712	0.0000e+00	0.0000e+00	0.0000e+00	3.2378e+02	2.6923e+01	9.5827e+01
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	-2.1340e+02	-1.0160e+02	1.3983e+02
	1476	0.0000e+00	0.0000e+00	0.0000e+00	5.7766e+02	-4.6303e+01	1.2339e+02
	1712	0.0000e+00	0.0000e+00	0.0000e+00	1.8932e+02	-7.1556e+01	1.0097e+02
	1711	0.0000e+00	0.0000e+00	0.0000e+00	1.4231e+02	2.7051e+01	1.1741e+02
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	-4.6368e+02	-1.2910e+02	1.5753e+02
	1466	0.0000e+00	0.0000e+00	0.0000e+00	4.4664e+02	-6.4923e+01	1.4651e+02
	1711	0.0000e+00	0.0000e+00	0.0000e+00	2.0194e+01	-8.2624e+01	1.2832e+02
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-2.9061e+01	1.6661e+01	1.3935e+02
880	22	0.0000e+00	0.0000e+00	0.0000e+00	-7.9903e+02	-1.0470e+02	3.1432e+01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	3.9287e+02	-1.0663e+02	1.9950e+02
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-2.6577e+02	-4.2043e+01	1.0183e+02



	96	0.0000e+00	0.0000e+00	0.0000e+00	2.1160e+02	1.4482e+02	-6.8633e+01
881	1709	0.0000e+00	0.0000e+00	0.0000e+00	7.3511e+02	-6.1405e+01	-5.2249e+01
	91	0.0000e+00	0.0000e+00	0.0000e+00	2.5214e+02	-1.2079e+02	1.4174e+02
	23	0.0000e+00	0.0000e+00	0.0000e+00	9.1447e+02	-1.6553e+02	4.7571e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	4.7473e+02	-4.2983e+01	-1.4636e+02
882	1708	0.0000e+00	0.0000e+00	0.0000e+00	6.2296e+02	1.4631e+01	-9.6487e+01
	1709	0.0000e+00	0.0000e+00	0.0000e+00	6.1653e+02	-3.9247e+01	-9.3062e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	8.6421e+02	-4.1998e+01	-1.1011e+02
	1122	0.0000e+00	0.0000e+00	0.0000e+00	3.8271e+02	-6.2447e+01	-1.1354e+02
883	1707	0.0000e+00	0.0000e+00	0.0000e+00	4.8564e+02	2.3424e+01	-8.9662e+01
	1708	0.0000e+00	0.0000e+00	0.0000e+00	5.2518e+02	-5.1776e+01	-9.2469e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	7.9588e+02	-3.7483e+01	-1.1225e+02
	1111	0.0000e+00	0.0000e+00	0.0000e+00	2.0967e+02	-7.4264e+01	-1.0945e+02
884	1706	0.0000e+00	0.0000e+00	0.0000e+00	3.2382e+02	2.6942e+01	-9.5723e+01
	1707	0.0000e+00	0.0000e+00	0.0000e+00	3.7005e+02	-6.1416e+01	-8.8981e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	6.9982e+02	-4.1244e+01	-1.1290e+02
	1100	0.0000e+00	0.0000e+00	0.0000e+00	1.9771e+01	-8.3360e+01	-1.1964e+02
885	1705	0.0000e+00	0.0000e+00	0.0000e+00	1.4259e+02	2.7057e+01	-1.1731e+02
	1706	0.0000e+00	0.0000e+00	0.0000e+00	1.8950e+02	-7.1554e+01	-1.0087e+02
	1100	0.0000e+00	0.0000e+00	0.0000e+00	5.7764e+02	-4.6297e+01	-1.2330e+02
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-2.1378e+02	-1.0160e+02	-1.3974e+02
886	1704	0.0000e+00	0.0000e+00	0.0000e+00	-3.1207e+01	1.6685e+01	-1.3925e+02
	1705	0.0000e+00	0.0000e+00	0.0000e+00	2.3006e+01	-8.2611e+01	-1.2823e+02
	1089	0.0000e+00	0.0000e+00	0.0000e+00	4.4664e+02	-6.4921e+01	-1.4643e+02
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-4.6383e+02	-1.2908e+02	-1.5745e+02
887	90	0.0000e+00	0.0000e+00	0.0000e+00	2.1215e+02	1.4476e+02	6.8269e+01
	1704	0.0000e+00	0.0000e+00	0.0000e+00	-2.6602e+02	-4.1968e+01	-1.0164e+02
	1078	0.0000e+00	0.0000e+00	0.0000e+00	3.9288e+02	-1.0661e+02	-1.9950e+02
	12	0.0000e+00	0.0000e+00	0.0000e+00	-7.9901e+02	-1.0441e+02	-3.0490e+01
888	33	0.0000e+00	0.0000e+00	0.0000e+00	-7.3286e+02	-4.6471e+02	-4.6323e+01
	88	0.0000e+00	0.0000e+00	0.0000e+00	1.6912e+02	-3.4829e+02	1.0792e+02
	94	0.0000e+00	0.0000e+00	0.0000e+00	-2.6406e+02	-1.8338e+02	9.7680e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	9.6578e+00	1.2960e+02	-1.4453e+02
889	77	0.0000e+00	0.0000e+00	0.0000e+00	2.9388e+02	2.6073e+02	1.6434e+02
	11	0.0000e+00	0.0000e+00	0.0000e+00	8.8562e+02	4.6413e+02	-1.4890e+02
	95	0.0000e+00	0.0000e+00	0.0000e+00	1.7868e+02	-1.6296e+02	-1.9640e+02
	98	0.0000e+00	0.0000e+00	0.0000e+00	3.5586e+02	1.3915e+02	1.2096e+02
890	91	0.0000e+00	0.0000e+00	0.0000e+00	1.2135e+01	1.2958e+02	1.4456e+02
	93	0.0000e+00	0.0000e+00	0.0000e+00	-2.6404e+02	-1.8335e+02	-9.6861e+00
	78	0.0000e+00	0.0000e+00	0.0000e+00	1.6910e+02	-3.4831e+02	-1.0794e+02
	23	0.0000e+00	0.0000e+00	0.0000e+00	-7.3281e+02	-4.6465e+02	4.6379e+01
891	92	0.0000e+00	0.0000e+00	0.0000e+00	3.5527e+02	1.3905e+02	-1.1845e+02
	89	0.0000e+00	0.0000e+00	0.0000e+00	1.7304e+02	-1.6291e+02	1.9638e+02
	1	0.0000e+00	0.0000e+00	0.0000e+00	8.8420e+02	4.6435e+02	1.4897e+02
	67	0.0000e+00	0.0000e+00	0.0000e+00	2.8479e+02	2.6097e+02	-1.6249e+02
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	1.8508e+03	-9.8600e+01	1.1420e+02
	1703	0.0000e+00	0.0000e+00	0.0000e+00	1.5383e+03	-4.0101e+02	8.2292e+02
	29	0.0000e+00	0.0000e+00	0.0000e+00	3.5243e+03	1.3364e+02	5.1284e+02
	1352	0.0000e+00	0.0000e+00	0.0000e+00	1.2927e+03	4.4393e+02	-1.9589e+02
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	1.2075e+03	-1.8913e+02	9.7388e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	1.0197e+03	9.7189e+00	4.3227e+02
	1703	0.0000e+00	0.0000e+00	0.0000e+00	1.3152e+03	-1.1212e+02	5.0068e+02
	1696	0.0000e+00	0.0000e+00	0.0000e+00	1.5868e+03	-5.4723e+01	1.6579e+02
894	1694	0.0000e+00	0.0000e+00	0.0000e+00	9.3900e+02	-7.7659e+01	8.3139e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	7.8831e+02	8.1835e+01	2.3435e+02
	1702	0.0000e+00	0.0000e+00	0.0000e+00	9.1632e+02	-5.6969e+01	3.2382e+02
	1695	0.0000e+00	0.0000e+00	0.0000e+00	1.1157e+03	-7.5270e+01	1.7259e+02
895	1693	0.0000e+00	0.0000e+00	0.0000e+00	8.4797e+02	-2.8706e+01	2.4427e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	7.0180e+02	9.1853e+01	7.6280e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	7.4151e+02	1.5625e+01	1.6240e+02
	1694	0.0000e+00	0.0000e+00	0.0000e+00	9.1284e+02	-3.5617e+01	1.1050e+02
896	1692	0.0000e+00	0.0000e+00	0.0000e+00	8.7816e+02	-2.1104e+01	-4.3870e+01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	7.2200e+02	6.3241e+01	-7.1735e+01

	1700	0.0000e+00	0.0000e+00	0.0000e+00	6.9589e+02	6.4625e+01	1.4396e+01
	1693	0.0000e+00	0.0000e+00	0.0000e+00	8.4815e+02	-2.2628e+01	4.1995e+01
897	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.0361e+03	-4.1142e+01	-1.1014e+02
	1698	0.0000e+00	0.0000e+00	0.0000e+00	8.6135e+02	1.1430e+01	-2.2899e+02
	1699	0.0000e+00	0.0000e+00	0.0000e+00	7.5527e+02	7.5980e+01	-1.4010e+02
	1692	0.0000e+00	0.0000e+00	0.0000e+00	9.0272e+02	-4.8761e+01	-2.1298e+01
898	1690	0.0000e+00	0.0000e+00	0.0000e+00	1.4245e+03	-1.5124e+01	-1.2307e+02
	1697	0.0000e+00	0.0000e+00	0.0000e+00	1.1939e+03	-2.8667e+01	-3.9955e+02
	1698	0.0000e+00	0.0000e+00	0.0000e+00	9.4496e+02	2.7484e+01	-3.2688e+02
	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.1163e+03	-1.3131e+02	-5.0402e+01
899	1647	0.0000e+00	0.0000e+00	0.0000e+00	1.1734e+03	4.0485e+02	1.5432e+02
	28	0.0000e+00	0.0000e+00	0.0000e+00	3.0382e+03	1.7910e+02	-4.3397e+02
	1697	0.0000e+00	0.0000e+00	0.0000e+00	1.3786e+03	-2.9907e+02	-6.7499e+02
	1690	0.0000e+00	0.0000e+00	0.0000e+00	1.6476e+03	-4.7172e+01	-8.6700e+01
900	1689	0.0000e+00	0.0000e+00	0.0000e+00	1.0488e+03	8.7890e+01	-7.8476e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	1.4438e+03	8.6494e+01	-7.3765e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	1.4496e+03	2.3599e+02	-4.1259e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	1.0526e+03	1.6998e+02	-4.5996e+01
901	1688	0.0000e+00	0.0000e+00	0.0000e+00	1.0288e+03	-9.0753e+01	-4.8195e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	1.1540e+03	-1.0387e+02	7.1915e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	1.3374e+03	-1.2843e+02	-1.4498e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	1.0871e+03	2.9135e+01	-1.3393e+02
902	1687	0.0000e+00	0.0000e+00	0.0000e+00	9.1154e+02	-7.2674e+01	-1.4511e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	9.6414e+02	-7.6678e+01	8.9622e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	1.1103e+03	-9.4096e+01	6.3674e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	9.7473e+02	-4.6462e+01	-4.0445e+01
903	1686	0.0000e+00	0.0000e+00	0.0000e+00	8.4451e+02	-4.4013e+01	8.5548e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	8.8368e+02	-4.0686e+01	5.1452e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	9.3697e+02	-4.7651e+01	5.1154e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	8.7785e+02	-4.3498e+01	8.4334e+00
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	8.5271e+02	-3.4508e+01	2.8757e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	9.0623e+02	-3.6411e+01	8.9930e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	8.8018e+02	-3.2487e+01	1.1770e+01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	8.3880e+02	-3.9344e+01	3.1432e+01
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	9.2007e+02	-2.9758e+01	6.3011e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.0380e+03	-6.3374e+01	-1.5411e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	9.2607e+02	-4.9334e+01	-2.9917e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	8.7406e+02	-5.4076e+01	4.8520e+01
906	1683	0.0000e+00	0.0000e+00	0.0000e+00	1.0085e+03	3.5215e+01	1.2724e+02
	1690	0.0000e+00	0.0000e+00	0.0000e+00	1.2223e+03	-8.4298e+01	3.0232e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.0743e+03	-6.3672e+01	-2.9431e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	9.6087e+02	-6.4796e+01	6.7626e+01
907	1639	0.0000e+00	0.0000e+00	0.0000e+00	9.7904e+02	1.5201e+02	3.2544e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	1.3179e+03	2.2444e+02	2.7487e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	1.3126e+03	9.9097e+01	7.1228e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	9.7415e+02	8.4689e+01	7.6283e+01
908	1682	0.0000e+00	0.0000e+00	0.0000e+00	6.8860e+02	1.5001e+01	-9.6434e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	9.8718e+02	4.7355e+01	-9.8358e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	9.6948e+02	1.0444e+02	-4.0126e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	7.0246e+02	2.1913e+01	-3.8213e+01
909	1681	0.0000e+00	0.0000e+00	0.0000e+00	6.8312e+02	-1.0871e+01	-1.1579e+02
	1688	0.0000e+00	0.0000e+00	0.0000e+00	9.2855e+02	-5.5414e+01	-9.1766e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	9.4581e+02	-5.7118e+00	-1.1706e+02
	1682	0.0000e+00	0.0000e+00	0.0000e+00	7.1435e+02	-3.4295e+00	-1.4109e+02
910	1680	0.0000e+00	0.0000e+00	0.0000e+00	6.5444e+02	-5.3930e+00	-6.8624e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	8.3805e+02	-5.1765e+01	-2.4968e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	8.9774e+02	-6.3422e+01	-8.1040e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	6.8291e+02	1.5407e+00	-1.2476e+02
911	1679	0.0000e+00	0.0000e+00	0.0000e+00	6.2975e+02	1.0215e+01	-1.4241e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	7.8888e+02	-3.7546e+01	2.2128e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	8.2051e+02	-4.9496e+01	-3.2300e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	6.4505e+02	1.1358e+01	-5.5536e+01
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	6.2910e+02	1.3622e+01	6.7209e+01

	1685	0.0000e+00	0.0000e+00	0.0000e+00	7.9666e+02	-3.9712e+01	6.0447e+01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	7.8613e+02	-3.5655e+01	9.4045e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	6.2601e+02	1.3414e+01	1.6120e+01
913	1677	0.0000e+00	0.0000e+00	0.0000e+00	6.5088e+02	4.5462e+00	1.2665e+02
	1684	0.0000e+00	0.0000e+00	0.0000e+00	8.4941e+02	-4.6801e+01	9.6927e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	8.0879e+02	-3.9536e+01	5.0064e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	6.3160e+02	3.3954e+00	7.9793e+01
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	6.7418e+02	-3.2717e+00	1.3287e+02
	1683	0.0000e+00	0.0000e+00	0.0000e+00	8.8561e+02	2.8263e+00	1.1430e+02
	1684	0.0000e+00	0.0000e+00	0.0000e+00	8.7515e+02	-4.0350e+01	9.9754e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	6.4720e+02	-6.4656e+00	1.1833e+02
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	6.6382e+02	8.4635e+00	2.9954e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	9.0753e+02	8.9633e+01	3.0330e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	9.2157e+02	4.3766e+01	9.0843e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	6.5052e+02	6.1843e+00	9.0466e+01
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	3.3542e+02	-8.3231e+01	-1.1972e+02
	1682	0.0000e+00	0.0000e+00	0.0000e+00	6.3070e+02	-3.8073e+01	-1.0538e+02
	1330	0.0000e+00	0.0000e+00	0.0000e+00	6.2511e+02	-3.6599e+01	-3.4008e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	3.6992e+02	-1.3276e+02	-4.8360e+01
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	3.2266e+02	2.6210e+01	-1.4792e+02
	1681	0.0000e+00	0.0000e+00	0.0000e+00	5.9423e+02	-1.6584e+01	-1.2751e+02
	1682	0.0000e+00	0.0000e+00	0.0000e+00	5.9550e+02	-2.6659e+01	-1.4151e+02
	1675	0.0000e+00	0.0000e+00	0.0000e+00	3.6256e+02	-4.1484e+01	-1.6193e+02
918	1673	0.0000e+00	0.0000e+00	0.0000e+00	3.3709e+02	7.3492e+01	-8.0631e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	5.5745e+02	1.1437e+01	-7.2463e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	5.7194e+02	-9.4271e+00	-1.3536e+02
	1674	0.0000e+00	0.0000e+00	0.0000e+00	3.3911e+02	5.3347e+01	-1.4354e+02
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	3.4494e+02	8.6890e+01	-2.4261e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	5.3867e+02	2.2868e+01	1.9299e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	5.5029e+02	1.2041e+01	-6.8110e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	3.4176e+02	8.6477e+01	-7.2281e+01
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	3.3374e+02	8.5100e+01	7.0823e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	5.3626e+02	1.5400e+01	7.5709e+01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	5.3702e+02	2.3520e+01	7.8012e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	3.4283e+02	8.8354e+01	2.9204e+00
921	1670	0.0000e+00	0.0000e+00	0.0000e+00	3.2318e+02	5.0167e+01	1.3756e+02
	1677	0.0000e+00	0.0000e+00	0.0000e+00	5.4593e+02	-6.3976e+00	1.3593e+02
	1678	0.0000e+00	0.0000e+00	0.0000e+00	5.4021e+02	1.5206e+01	7.7701e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	3.2558e+02	7.4184e+01	7.9338e+01
922	1669	0.0000e+00	0.0000e+00	0.0000e+00	3.4262e+02	-4.8805e+01	1.5270e+02
	1676	0.0000e+00	0.0000e+00	0.0000e+00	5.6426e+02	-3.0731e+01	1.3467e+02
	1677	0.0000e+00	0.0000e+00	0.0000e+00	5.6528e+02	-1.5196e+01	1.2461e+02
	1670	0.0000e+00	0.0000e+00	0.0000e+00	3.0527e+02	2.2877e+01	1.4263e+02
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	3.4842e+02	-1.4303e+02	4.0431e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	5.9281e+02	-4.8565e+01	2.6437e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	5.9698e+02	-4.5536e+01	9.7640e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	3.1604e+02	-9.2296e+01	1.1163e+02
924	1668	0.0000e+00	0.0000e+00	0.0000e+00	-9.0730e+01	-1.9048e+02	-1.6915e+02
	1675	0.0000e+00	0.0000e+00	0.0000e+00	2.8293e+02	-1.4499e+02	-1.3150e+02
	1319	0.0000e+00	0.0000e+00	0.0000e+00	2.9182e+02	-2.0196e+02	-3.7001e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-2.5144e+01	-3.4406e+02	-7.4652e+01
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	-4.7697e+01	1.0767e+02	-1.3974e+02
	1674	0.0000e+00	0.0000e+00	0.0000e+00	2.2193e+02	2.8681e+01	-1.2920e+02
	1675	0.0000e+00	0.0000e+00	0.0000e+00	2.2585e+02	-6.9585e+01	-1.7987e+02
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-3.0964e+01	-4.7987e+01	-1.9041e+02
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	6.1993e+01	1.4014e+02	-2.8959e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	2.3393e+02	9.6680e+01	-7.3849e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	2.2399e+02	4.0668e+01	-1.4386e+02
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-2.0645e+01	1.3620e+02	-9.8970e+01
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	1.0752e+02	1.3765e+02	7.8612e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.5529e+02	9.9843e+01	-1.0757e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	2.4876e+02	8.5632e+01	-5.9689e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	7.6691e+01	1.4496e+02	-4.1075e+01

928	1664	0.0000e+00	0.0000e+00	0.0000e+00	7.3583e+01	1.4208e+02	3.3700e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.4202e+02	8.5252e+01	5.6287e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.5443e+02	9.9581e+01	8.3018e+00
	1665	0.0000e+00	0.0000e+00	0.0000e+00	1.0656e+02	1.3800e+02	-1.4287e+01
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	-2.6418e+01	1.3051e+02	8.9564e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	2.1164e+02	3.7890e+01	1.3725e+02
	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.2551e+02	9.5466e+01	6.9371e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	5.7355e+01	1.3760e+02	2.1686e+01
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	-3.9082e+01	-5.6168e+01	1.7964e+02
	1669	0.0000e+00	0.0000e+00	0.0000e+00	2.1040e+02	-7.6536e+01	1.7060e+02
	1670	0.0000e+00	0.0000e+00	0.0000e+00	2.0796e+02	2.4558e+01	1.2150e+02
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-5.4516e+01	1.0167e+02	1.3053e+02
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	-3.5581e+01	-3.5243e+02	6.4207e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	2.7400e+02	-2.1121e+02	2.8225e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	2.6605e+02	-1.5296e+02	1.2260e+02
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-9.9385e+01	-1.9909e+02	1.5858e+02
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	-7.9147e+02	-2.6722e+02	-2.1594e+02
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.3986e+02	-2.6145e+02	-1.6742e+02
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-1.1567e+02	-4.5493e+02	-5.9260e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-7.1798e+02	-6.6389e+02	-1.0779e+02
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	-2.8396e+02	1.9322e+02	1.1095e+02
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-1.9370e+02	1.9435e+02	-6.7982e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-2.6298e+02	-8.4345e+01	-2.5430e+02
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-5.7510e+02	2.8670e+02	-7.5383e+01
934	1659	0.0000e+00	0.0000e+00	0.0000e+00	-4.9767e+01	1.4751e+02	1.1444e+02
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-2.0095e+01	1.6755e+02	-1.9557e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-9.1846e+01	1.1614e+02	-4.1641e+01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-2.4628e+02	1.8003e+02	9.2359e+01
935	1658	0.0000e+00	0.0000e+00	0.0000e+00	2.8840e+01	1.0651e+02	2.5287e+01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	6.0556e+01	1.3884e+02	-1.5599e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	2.7336e+01	1.3359e+02	8.7215e+00
	1659	0.0000e+00	0.0000e+00	0.0000e+00	-2.2497e+01	1.1764e+02	4.9606e+01
936	1657	0.0000e+00	0.0000e+00	0.0000e+00	-2.2616e+01	1.1409e+02	-5.8689e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	2.5066e+01	1.3141e+02	-1.6894e+01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	6.0249e+01	1.3818e+02	7.9221e+00
	1658	0.0000e+00	0.0000e+00	0.0000e+00	2.8537e+01	1.0625e+02	-3.3874e+01
937	1656	0.0000e+00	0.0000e+00	0.0000e+00	-2.4666e+02	1.7290e+02	-1.0271e+02
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-9.6014e+01	1.1087e+02	3.1821e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	-2.2705e+01	1.6401e+02	1.0977e+01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-5.0386e+01	1.4337e+02	-1.2355e+02
938	1655	0.0000e+00	0.0000e+00	0.0000e+00	-5.7540e+02	2.7715e+02	6.3403e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-2.6899e+02	-9.2122e+01	2.4278e+02
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-1.9850e+02	1.8789e+02	5.7930e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-2.8456e+02	1.8561e+02	-1.2145e+02
939	1607	0.0000e+00	0.0000e+00	0.0000e+00	-7.2122e+02	-6.7328e+02	9.3349e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.2454e+02	-4.6297e+02	4.7077e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-1.4665e+02	-2.6957e+02	1.5661e+02
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-7.9226e+02	-2.7671e+02	2.0288e+02
940	945	0.0000e+00	0.0000e+00	0.0000e+00	-3.9989e+02	1.1353e+03	1.7402e+03
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-1.7450e+03	1.6562e+02	1.7234e+02
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-5.6575e+01	-1.1579e+03	-4.1727e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	-5.2479e+03	-9.5708e+02	1.1506e+03
941	944	0.0000e+00	0.0000e+00	0.0000e+00	-3.0601e+01	1.4213e+02	5.0704e+02
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-3.4018e+02	3.2959e+02	1.2211e+02
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-1.1306e+03	1.8079e+02	3.6106e+02
	945	0.0000e+00	0.0000e+00	0.0000e+00	-1.6843e+01	-1.0617e+02	7.4599e+02
942	943	0.0000e+00	0.0000e+00	0.0000e+00	1.1892e+02	2.3828e+01	2.2348e+02
	1659	0.0000e+00	0.0000e+00	0.0000e+00	-2.2166e+01	1.1871e+02	1.0574e+02
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-1.9578e+02	1.6413e+02	2.6206e+02
	944	0.0000e+00	0.0000e+00	0.0000e+00	5.7457e+01	-5.1289e+01	3.7980e+02
943	942	0.0000e+00	0.0000e+00	0.0000e+00	1.5182e+02	-2.9604e+01	2.4182e+01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	6.3549e+01	7.6197e+01	-3.1766e+00
	1659	0.0000e+00	0.0000e+00	0.0000e+00	1.5390e+01	9.5122e+01	1.1887e+02

	943	0.0000e+00	0.0000e+00	0.0000e+00	1.4713e+02	-4.1501e+01	1.4621e+02
944	941	0.0000e+00	0.0000e+00	0.0000e+00	1.4862e+02	-4.5454e+01	-1.5450e+02
	1657	0.0000e+00	0.0000e+00	0.0000e+00	1.5636e+01	9.1986e+01	-1.2802e+02
	1658	0.0000e+00	0.0000e+00	0.0000e+00	6.3594e+01	7.5358e+01	-5.6911e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	1.5185e+02	-3.0228e+01	-3.2179e+01
945	940	0.0000e+00	0.0000e+00	0.0000e+00	6.0672e+01	-5.9497e+01	-3.8898e+02
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.9478e+02	1.5730e+02	-2.7231e+02
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-2.1757e+01	1.1389e+02	-1.1513e+02
	941	0.0000e+00	0.0000e+00	0.0000e+00	1.2053e+02	1.8700e+01	-2.3180e+02
946	939	0.0000e+00	0.0000e+00	0.0000e+00	1.2845e+01	-1.1753e+02	-7.5682e+02
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-1.1293e+03	1.7155e+02	-3.7319e+02
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-3.3888e+02	3.2126e+02	-1.3262e+02
	940	0.0000e+00	0.0000e+00	0.0000e+00	-2.7531e+01	1.3273e+02	-5.1625e+02
947	17	0.0000e+00	0.0000e+00	0.0000e+00	-5.2468e+03	-9.6846e+02	-1.1648e+03
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-4.9379e+01	-1.1660e+03	4.0278e+02
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-1.7431e+03	1.5403e+02	-1.8515e+02
	939	0.0000e+00	0.0000e+00	0.0000e+00	-3.9369e+02	1.1237e+03	-1.7527e+03
948	1646	0.0000e+00	0.0000e+00	0.0000e+00	1.6476e+03	-4.7103e+01	8.6717e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	1.3786e+03	-2.9907e+02	6.7499e+02
	28	0.0000e+00	0.0000e+00	0.0000e+00	3.0382e+03	1.7925e+02	4.3401e+02
	1647	0.0000e+00	0.0000e+00	0.0000e+00	1.1734e+03	4.0487e+02	-1.5427e+02
949	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.1164e+03	-1.3126e+02	5.0403e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	9.4498e+02	2.7473e+01	3.2688e+02
	1654	0.0000e+00	0.0000e+00	0.0000e+00	1.1939e+03	-2.8565e+01	3.9956e+02
	1646	0.0000e+00	0.0000e+00	0.0000e+00	1.4245e+03	-1.5074e+01	1.2308e+02
950	1644	0.0000e+00	0.0000e+00	0.0000e+00	9.0272e+02	-4.8735e+01	2.1289e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	7.5528e+02	7.5963e+01	1.4010e+02
	1653	0.0000e+00	0.0000e+00	0.0000e+00	8.6137e+02	1.1508e+01	2.2899e+02
	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.0361e+03	-4.1105e+01	1.1014e+02
951	1643	0.0000e+00	0.0000e+00	0.0000e+00	8.4815e+02	-2.2621e+01	-4.1988e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	6.9589e+02	6.4593e+01	-1.4370e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	7.2201e+02	6.3294e+01	7.1730e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	8.7816e+02	-2.1084e+01	4.3865e+01
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	9.1285e+02	-3.5632e+01	-1.1050e+02
	1650	0.0000e+00	0.0000e+00	0.0000e+00	7.4150e+02	1.5575e+01	-1.6240e+02
	1651	0.0000e+00	0.0000e+00	0.0000e+00	7.0181e+02	9.1883e+01	-7.6276e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	8.4796e+02	-2.8708e+01	-2.4415e+01
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.1157e+03	-7.5302e+01	-1.7259e+02
	1649	0.0000e+00	0.0000e+00	0.0000e+00	9.1631e+02	-5.7029e+01	-3.2382e+02
	1650	0.0000e+00	0.0000e+00	0.0000e+00	7.8831e+02	8.1846e+01	-2.3435e+02
	1642	0.0000e+00	0.0000e+00	0.0000e+00	9.3900e+02	-7.7681e+01	-8.3136e+01
954	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.5868e+03	-5.4761e+01	-1.6578e+02
	1648	0.0000e+00	0.0000e+00	0.0000e+00	1.3152e+03	-1.1219e+02	-5.0068e+02
	1649	0.0000e+00	0.0000e+00	0.0000e+00	1.0197e+03	9.6765e+00	-4.3227e+02
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.2075e+03	-1.8917e+02	-9.7385e+01
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	1.2927e+03	4.4392e+02	1.9593e+02
	27	0.0000e+00	0.0000e+00	0.0000e+00	3.5243e+03	1.3346e+02	-5.1280e+02
	1648	0.0000e+00	0.0000e+00	0.0000e+00	1.5382e+03	-4.0101e+02	-8.2292e+02
	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.8508e+03	-9.8651e+01	-1.1419e+02
956	1638	0.0000e+00	0.0000e+00	0.0000e+00	9.7414e+02	8.4721e+01	-7.6281e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	1.3126e+03	9.9152e+01	-7.1215e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	1.3179e+03	2.2445e+02	-2.7465e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	9.7904e+02	1.5202e+02	-3.2531e+01
957	1637	0.0000e+00	0.0000e+00	0.0000e+00	9.6085e+02	-6.4757e+01	-6.7629e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.0743e+03	-6.3624e+01	2.9430e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	1.2223e+03	-8.4256e+01	-3.0237e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	1.0084e+03	3.5252e+01	-1.2724e+02
958	1636	0.0000e+00	0.0000e+00	0.0000e+00	8.7405e+02	-5.4051e+01	-4.8522e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	9.2606e+02	-4.9305e+01	2.9906e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.0380e+03	-6.3343e+01	1.5407e+01
	1637	0.0000e+00	0.0000e+00	0.0000e+00	9.2006e+02	-2.9722e+01	-6.3015e+01
959	1635	0.0000e+00	0.0000e+00	0.0000e+00	8.3880e+02	-3.9341e+01	-3.1428e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	8.8018e+02	-3.2476e+01	-1.1751e+01

	1644	0.0000e+00	0.0000e+00	0.0000e+00	9.0622e+02	-3.6397e+01	-8.9839e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	8.5270e+02	-3.4489e+01	-2.8757e+01
960	1634	0.0000e+00	0.0000e+00	0.0000e+00	8.7785e+02	-4.3516e+01	-8.3989e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	9.3697e+02	-4.7662e+01	-5.1153e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	8.8368e+02	-4.0693e+01	-5.1453e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	8.4450e+02	-4.4016e+01	-8.5352e+00
961	1633	0.0000e+00	0.0000e+00	0.0000e+00	9.7473e+02	-4.6493e+01	4.0431e+01
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.1103e+03	-9.4123e+01	-6.3673e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	9.6414e+02	-7.6704e+01	-8.9624e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	9.1155e+02	-7.2697e+01	1.4487e+01
962	1632	0.0000e+00	0.0000e+00	0.0000e+00	1.0871e+03	2.9095e+01	1.3393e+02
	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.3374e+03	-1.2846e+02	1.4456e+01
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.1540e+03	-1.0391e+02	-7.1914e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	1.0288e+03	-9.0787e+01	4.8183e+01
963	1276	0.0000e+00	0.0000e+00	0.0000e+00	1.0526e+03	1.6997e+02	4.6005e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	1.4496e+03	2.3599e+02	4.1277e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.4438e+03	8.6439e+01	7.3771e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	1.0488e+03	8.7859e+01	7.8473e+01
964	1630	0.0000e+00	0.0000e+00	0.0000e+00	6.5050e+02	6.2098e+00	-9.0471e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	9.2156e+02	4.3794e+01	-9.0837e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	9.0753e+02	8.9642e+01	-3.0323e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	6.6382e+02	8.4697e+00	-2.9957e+01
965	1629	0.0000e+00	0.0000e+00	0.0000e+00	6.4718e+02	-6.4275e+00	-1.1833e+02
	1637	0.0000e+00	0.0000e+00	0.0000e+00	8.7513e+02	-4.0313e+01	-9.9753e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	8.8559e+02	2.8574e+00	-1.1430e+02
	1630	0.0000e+00	0.0000e+00	0.0000e+00	6.7416e+02	-3.2447e+00	-1.3287e+02
966	1628	0.0000e+00	0.0000e+00	0.0000e+00	6.3159e+02	3.4106e+00	-7.9787e+01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	8.0877e+02	-3.9511e+01	-5.0063e+01
	1637	0.0000e+00	0.0000e+00	0.0000e+00	8.4940e+02	-4.6766e+01	-9.6929e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	6.5086e+02	4.5801e+00	-1.2665e+02
967	1627	0.0000e+00	0.0000e+00	0.0000e+00	6.2601e+02	1.3418e+01	-1.6107e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	7.8613e+02	-3.5651e+01	-9.3908e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	7.9665e+02	-3.9694e+01	-6.0447e+01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	6.2909e+02	1.3640e+01	-6.7202e+01
968	1626	0.0000e+00	0.0000e+00	0.0000e+00	6.4505e+02	1.1342e+01	5.5540e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	8.2051e+02	-4.9513e+01	3.2291e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	7.8888e+02	-3.7549e+01	-2.2120e+01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	6.2974e+02	1.0213e+01	1.3766e+00
969	1625	0.0000e+00	0.0000e+00	0.0000e+00	6.8292e+02	1.5029e+00	1.2476e+02
	1633	0.0000e+00	0.0000e+00	0.0000e+00	8.9776e+02	-6.3454e+01	8.1033e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	8.3805e+02	-5.1789e+01	2.4956e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	6.5445e+02	-5.4230e+00	6.8626e+01
970	1624	0.0000e+00	0.0000e+00	0.0000e+00	7.1436e+02	-3.3644e+00	1.4109e+02
	1632	0.0000e+00	0.0000e+00	0.0000e+00	9.4582e+02	-5.6889e+00	1.1705e+02
	1633	0.0000e+00	0.0000e+00	0.0000e+00	9.2856e+02	-5.5445e+01	9.1762e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	6.8313e+02	-1.0900e+01	1.1579e+02
971	1265	0.0000e+00	0.0000e+00	0.0000e+00	7.0246e+02	2.1897e+01	3.8205e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	9.6947e+02	1.0443e+02	4.0129e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	9.8719e+02	4.7325e+01	9.8360e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	6.8861e+02	1.4961e+01	9.6425e+01
972	1622	0.0000e+00	0.0000e+00	0.0000e+00	3.1602e+02	-9.2257e+01	-1.1165e+02
	1630	0.0000e+00	0.0000e+00	0.0000e+00	5.9696e+02	-4.5509e+01	-9.7645e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	5.9280e+02	-4.8556e+01	-2.6448e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	3.4842e+02	-1.4302e+02	-4.0457e+01
973	1621	0.0000e+00	0.0000e+00	0.0000e+00	3.0524e+02	2.2926e+01	-1.4263e+02
	1629	0.0000e+00	0.0000e+00	0.0000e+00	5.6526e+02	-1.5156e+01	-1.2461e+02
	1630	0.0000e+00	0.0000e+00	0.0000e+00	5.6424e+02	-3.0696e+01	-1.3468e+02
	1622	0.0000e+00	0.0000e+00	0.0000e+00	3.4260e+02	-4.8759e+01	-1.5271e+02
974	1620	0.0000e+00	0.0000e+00	0.0000e+00	3.2556e+02	7.4215e+01	-7.9322e+01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	5.4020e+02	1.5233e+01	-7.7693e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	5.4591e+02	-6.3610e+00	-1.3592e+02
	1621	0.0000e+00	0.0000e+00	0.0000e+00	3.2315e+02	5.0212e+01	-1.3755e+02
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	3.4283e+02	8.8358e+01	-2.8927e+00

	1627	0.0000e+00	0.0000e+00	0.0000e+00	5.3701e+02	2.3524e+01	-7.7860e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	5.3625e+02	1.5419e+01	-7.5700e+01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	3.3373e+02	8.5123e+01	-7.0804e+01
976	1618	0.0000e+00	0.0000e+00	0.0000e+00	3.4176e+02	8.6454e+01	7.2297e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	5.5030e+02	1.2024e+01	6.8116e+01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	5.3867e+02	2.2864e+01	-1.8804e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	3.4494e+02	8.6884e+01	2.4385e+00
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	3.3912e+02	5.3303e+01	1.4354e+02
	1625	0.0000e+00	0.0000e+00	0.0000e+00	5.7195e+02	-9.4612e+00	1.3536e+02
	1626	0.0000e+00	0.0000e+00	0.0000e+00	5.5746e+02	1.1412e+01	7.2468e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	3.3709e+02	7.3460e+01	8.0645e+01
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	3.6258e+02	-4.1524e+01	1.6191e+02
	1624	0.0000e+00	0.0000e+00	0.0000e+00	5.9551e+02	-2.6683e+01	1.4150e+02
	1625	0.0000e+00	0.0000e+00	0.0000e+00	5.9425e+02	-1.6618e+01	1.2751e+02
	1617	0.0000e+00	0.0000e+00	0.0000e+00	3.2268e+02	2.6162e+01	1.4791e+02
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	3.6992e+02	-1.3277e+02	4.8331e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	6.2510e+02	-3.6591e+01	3.3994e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	6.3070e+02	-3.8088e+01	1.0537e+02
	1616	0.0000e+00	0.0000e+00	0.0000e+00	3.3543e+02	-8.3263e+01	1.1970e+02
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	-9.9412e+01	-1.9902e+02	-1.5862e+02
	1622	0.0000e+00	0.0000e+00	0.0000e+00	2.6603e+02	-1.5292e+02	-1.2261e+02
	1623	0.0000e+00	0.0000e+00	0.0000e+00	2.7399e+02	-2.1119e+02	-2.8262e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-3.5576e+01	-3.5240e+02	-6.4266e+01
981	1613	0.0000e+00	0.0000e+00	0.0000e+00	-5.4531e+01	1.0174e+02	-1.3052e+02
	1621	0.0000e+00	0.0000e+00	0.0000e+00	2.0793e+02	2.4615e+01	-1.2149e+02
	1622	0.0000e+00	0.0000e+00	0.0000e+00	2.1037e+02	-7.6484e+01	-1.7062e+02
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-3.9109e+01	-5.6083e+01	-1.7965e+02
982	1612	0.0000e+00	0.0000e+00	0.0000e+00	5.7345e+01	1.3764e+02	-2.1657e+01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	2.2549e+02	9.5501e+01	-6.9353e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	2.1162e+02	3.7938e+01	-1.3724e+02
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-2.6432e+01	1.3057e+02	-8.9544e+01
983	1611	0.0000e+00	0.0000e+00	0.0000e+00	1.0656e+02	1.3801e+02	1.4316e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	2.5442e+02	9.9584e+01	-8.2799e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	2.4200e+02	8.5276e+01	-5.6266e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	7.3572e+01	1.4210e+02	-3.3672e+01
984	1610	0.0000e+00	0.0000e+00	0.0000e+00	7.6691e+01	1.4493e+02	4.1102e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.4876e+02	8.5606e+01	5.9708e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	2.5529e+02	9.9837e+01	1.0777e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	1.0751e+02	1.3764e+02	-7.8334e+00
985	1609	0.0000e+00	0.0000e+00	0.0000e+00	-2.0607e+01	1.3614e+02	9.8987e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	2.2401e+02	4.0620e+01	1.4387e+02
	1618	0.0000e+00	0.0000e+00	0.0000e+00	2.3394e+02	9.6645e+01	7.3865e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	6.1990e+01	1.4010e+02	2.8986e+01
986	1608	0.0000e+00	0.0000e+00	0.0000e+00	-3.0918e+01	-4.8066e+01	1.9040e+02
	1616	0.0000e+00	0.0000e+00	0.0000e+00	2.2587e+02	-6.9632e+01	1.7986e+02
	1617	0.0000e+00	0.0000e+00	0.0000e+00	2.2195e+02	2.8625e+01	1.2921e+02
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-4.7672e+01	1.0760e+02	1.3975e+02
987	1243	0.0000e+00	0.0000e+00	0.0000e+00	-2.5119e+01	-3.4408e+02	7.4590e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	2.9182e+02	-2.0197e+02	3.6961e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	2.8294e+02	-1.4503e+02	1.3148e+02
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-9.0698e+01	-1.9055e+02	1.6911e+02
988	1606	0.0000e+00	0.0000e+00	0.0000e+00	-7.9228e+02	-2.7649e+02	-2.0293e+02
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-1.4671e+02	-2.6947e+02	-1.5662e+02
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.2456e+02	-4.6292e+02	-4.7156e+01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-7.2120e+02	-6.7323e+02	-9.3464e+01
989	1605	0.0000e+00	0.0000e+00	0.0000e+00	-2.8454e+02	1.8571e+02	1.2150e+02
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-1.9853e+02	1.8798e+02	-5.7914e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-2.6902e+02	-9.2030e+01	-2.4279e+02
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-5.7544e+02	2.7728e+02	-6.3384e+01
990	1604	0.0000e+00	0.0000e+00	0.0000e+00	-5.0370e+01	1.4340e+02	1.2358e+02
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-2.2701e+01	1.6405e+02	-1.0950e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-9.6026e+01	1.1094e+02	-3.1792e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	-2.4664e+02	1.7296e+02	1.0274e+02

991 1603 0.0000e+00 0.0000e+00 0.0000e+00 2.8530e+01 1.0625e+02 3.3900e+01  
1611 0.0000e+00 0.0000e+00 0.0000e+00 6.0245e+01 1.3818e+02 -7.8950e+00  
1612 0.0000e+00 0.0000e+00 0.0000e+00 2.5054e+01 1.3144e+02 1.6924e+01  
1604 0.0000e+00 0.0000e+00 0.0000e+00 -2.2598e+01 1.1411e+02 5.8717e+01

992 1602 0.0000e+00 0.0000e+00 0.0000e+00 -2.2491e+01 1.1761e+02 -4.9580e+01  
1610 0.0000e+00 0.0000e+00 0.0000e+00 2.7326e+01 1.3356e+02 -8.6948e+00  
1611 0.0000e+00 0.0000e+00 0.0000e+00 6.0550e+01 1.3883e+02 1.5628e+01  
1603 0.0000e+00 0.0000e+00 0.0000e+00 2.8828e+01 1.0650e+02 -2.5262e+01

993 1601 0.0000e+00 0.0000e+00 0.0000e+00 -2.4629e+02 1.7996e+02 -9.2330e+01  
1609 0.0000e+00 0.0000e+00 0.0000e+00 -9.1830e+01 1.1608e+02 4.1666e+01  
1610 0.0000e+00 0.0000e+00 0.0000e+00 -2.0077e+01 1.6751e+02 1.9582e+01  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -4.9772e+01 1.4747e+02 -1.1441e+02

994 1600 0.0000e+00 0.0000e+00 0.0000e+00 -5.7506e+02 2.8657e+02 7.5397e+01  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -2.6295e+02 -8.4431e+01 2.5428e+02  
1609 0.0000e+00 0.0000e+00 0.0000e+00 -1.9367e+02 1.9426e+02 6.7995e+01  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -2.8398e+02 1.9312e+02 -1.1091e+02

995 1232 0.0000e+00 0.0000e+00 0.0000e+00 -7.1800e+02 -6.6393e+02 1.0767e+02  
1243 0.0000e+00 0.0000e+00 0.0000e+00 -1.1565e+02 -4.5496e+02 5.9179e+01  
1608 0.0000e+00 0.0000e+00 0.0000e+00 -1.3981e+02 -2.6155e+02 1.6740e+02  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -7.9145e+02 -2.6743e+02 2.1589e+02

996 868 0.0000e+00 0.0000e+00 0.0000e+00 -3.9350e+02 1.1237e+03 1.7528e+03  
1606 0.0000e+00 0.0000e+00 0.0000e+00 -1.7431e+03 1.5435e+02 1.8513e+02  
1607 0.0000e+00 0.0000e+00 0.0000e+00 -4.9550e+01 -1.1659e+03 -4.0306e+02  
17 0.0000e+00 0.0000e+00 0.0000e+00 -5.2466e+03 -9.6758e+02 1.1646e+03

997 867 0.0000e+00 0.0000e+00 0.0000e+00 -2.7452e+01 1.3280e+02 5.1626e+02  
1605 0.0000e+00 0.0000e+00 0.0000e+00 -3.3883e+02 3.2134e+02 1.3265e+02  
1606 0.0000e+00 0.0000e+00 0.0000e+00 -1.1292e+03 1.7172e+02 3.7323e+02  
868 0.0000e+00 0.0000e+00 0.0000e+00 1.2777e+01 -1.1737e+02 7.5683e+02

998 866 0.0000e+00 0.0000e+00 0.0000e+00 1.2056e+02 1.8727e+01 2.3180e+02  
1604 0.0000e+00 0.0000e+00 0.0000e+00 -2.1724e+01 1.1392e+02 1.1515e+02  
1605 0.0000e+00 0.0000e+00 0.0000e+00 -1.9475e+02 1.5737e+02 2.7234e+02  
867 0.0000e+00 0.0000e+00 0.0000e+00 6.0730e+01 -5.9435e+01 3.8899e+02

999 865 0.0000e+00 0.0000e+00 0.0000e+00 1.5185e+02 -3.0230e+01 3.2184e+01  
1603 0.0000e+00 0.0000e+00 0.0000e+00 6.3594e+01 7.5355e+01 5.7110e+00  
1604 0.0000e+00 0.0000e+00 0.0000e+00 1.5634e+01 9.2013e+01 1.2804e+02  
866 0.0000e+00 0.0000e+00 0.0000e+00 1.4864e+02 -4.5433e+01 1.5451e+02

1000 864 0.0000e+00 0.0000e+00 0.0000e+00 1.4710e+02 -4.1529e+01 -1.4621e+02  
1602 0.0000e+00 0.0000e+00 0.0000e+00 1.5354e+01 9.5090e+01 -1.1884e+02  
1603 0.0000e+00 0.0000e+00 0.0000e+00 6.3540e+01 7.6193e+01 3.2025e+00  
865 0.0000e+00 0.0000e+00 0.0000e+00 1.5181e+02 -2.9610e+01 -2.4178e+01

1001 863 0.0000e+00 0.0000e+00 0.0000e+00 5.7387e+01 -5.1354e+01 -3.7979e+02  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -1.9581e+02 1.6406e+02 -2.6203e+02  
1602 0.0000e+00 0.0000e+00 0.0000e+00 -2.2171e+01 1.1868e+02 -1.0572e+02  
864 0.0000e+00 0.0000e+00 0.0000e+00 1.1888e+02 2.3796e+01 -2.2348e+02

1002 862 0.0000e+00 0.0000e+00 0.0000e+00 -1.6892e+01 -1.0633e+02 -7.4598e+02  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.1306e+03 1.8063e+02 -3.6103e+02  
1601 0.0000e+00 0.0000e+00 0.0000e+00 -3.4022e+02 3.2951e+02 -1.2208e+02  
863 0.0000e+00 0.0000e+00 0.0000e+00 -3.0649e+01 1.4206e+02 -5.0703e+02

1003 16 0.0000e+00 0.0000e+00 0.0000e+00 -5.2481e+03 -9.5792e+02 -1.1507e+03  
1232 0.0000e+00 0.0000e+00 0.0000e+00 -5.6393e+01 -1.1580e+03 4.1700e+02  
1600 0.0000e+00 0.0000e+00 0.0000e+00 -1.7450e+03 1.6531e+02 -1.7237e+02  
862 0.0000e+00 0.0000e+00 0.0000e+00 -4.0007e+02 1.1352e+03 -1.7401e+03

1004 1593 0.0000e+00 0.0000e+00 0.0000e+00 1.9950e+03 -5.1782e+01 3.5832e+01  
1599 0.0000e+00 0.0000e+00 0.0000e+00 1.6647e+03 -4.9598e+02 7.1692e+02  
31 0.0000e+00 0.0000e+00 0.0000e+00 3.6182e+03 1.9415e+02 4.2080e+02  
1427 0.0000e+00 0.0000e+00 0.0000e+00 1.2962e+03 3.9176e+02 -2.6035e+02

1005 1592 0.0000e+00 0.0000e+00 0.0000e+00 1.4162e+03 -2.5126e+02 8.6101e+00  
1598 0.0000e+00 0.0000e+00 0.0000e+00 1.1725e+03 -8.3351e+01 3.3626e+02  
1599 0.0000e+00 0.0000e+00 0.0000e+00 1.4364e+03 -1.0188e+02 3.9662e+02  
1593 0.0000e+00 0.0000e+00 0.0000e+00 1.7560e+03 -6.4443e+01 6.8914e+01

1006 1591 0.0000e+00 0.0000e+00 0.0000e+00 1.1835e+03 -1.6311e+02 1.9150e+00  
1597 0.0000e+00 0.0000e+00 0.0000e+00 9.8166e+02 -2.3171e+01 1.2956e+02  
1598 0.0000e+00 0.0000e+00 0.0000e+00 1.0855e+03 -8.0483e+01 2.2337e+02



	1592	0.0000e+00	0.0000e+00	0.0000e+00	1.3152e+03	-1.4387e+02	9.5494e+01
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	1.1609e+03	-1.3840e+02	-5.1184e+01
	1596	0.0000e+00	0.0000e+00	0.0000e+00	9.5585e+02	-3.3317e+01	-5.1342e+01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	9.5553e+02	-3.6800e+01	4.4008e+01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	1.1609e+03	-1.3872e+02	4.4166e+01
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	1.3161e+03	-1.4235e+02	-1.0270e+02
	1595	0.0000e+00	0.0000e+00	0.0000e+00	1.0864e+03	-7.5762e+01	-2.3087e+02
	1596	0.0000e+00	0.0000e+00	0.0000e+00	9.8199e+02	-2.5209e+01	-1.3691e+02
	1590	0.0000e+00	0.0000e+00	0.0000e+00	1.1845e+03	-1.6220e+02	-8.7562e+00
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	1.7578e+03	-6.1872e+01	-7.6539e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	1.4378e+03	-9.6233e+01	-4.0448e+02
	1595	0.0000e+00	0.0000e+00	0.0000e+00	1.1734e+03	-8.3754e+01	-3.4380e+02
	1589	0.0000e+00	0.0000e+00	0.0000e+00	1.4180e+03	-2.4914e+02	-1.5867e+01
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	1.2997e+03	3.9539e+02	2.5210e+02
	30	0.0000e+00	0.0000e+00	0.0000e+00	3.6190e+03	2.0061e+02	-4.2919e+02
	1594	0.0000e+00	0.0000e+00	0.0000e+00	1.6660e+03	-4.9445e+02	-7.2476e+02
	1588	0.0000e+00	0.0000e+00	0.0000e+00	1.9976e+03	-4.8870e+01	-4.3481e+01
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	1.1360e+03	7.2730e+01	-1.3858e+02
	1593	0.0000e+00	0.0000e+00	0.0000e+00	1.5419e+03	1.3095e+02	-1.4792e+02
	1427	0.0000e+00	0.0000e+00	0.0000e+00	1.5293e+03	1.8672e+02	-1.0720e+02
	1416	0.0000e+00	0.0000e+00	0.0000e+00	1.1315e+03	1.5646e+02	-9.7871e+01
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	1.1732e+03	-1.1225e+02	-9.5704e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	1.3290e+03	-1.2911e+02	-2.0537e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	1.4486e+03	-1.6750e+02	-1.0822e+02
	1587	0.0000e+00	0.0000e+00	0.0000e+00	1.1921e+03	7.0048e+00	-1.8340e+02
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	1.1194e+03	-1.3212e+02	-4.4608e+01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	1.1979e+03	-1.4833e+02	2.2465e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	1.2967e+03	-1.7123e+02	-2.0164e+01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	1.1441e+03	-9.4951e+01	-8.7204e+01
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	1.1055e+03	-1.2178e+02	9.3814e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	1.1854e+03	-1.4788e+02	8.9530e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	1.1851e+03	-1.4815e+02	-1.5114e+01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	1.1050e+03	-1.2216e+02	-1.4678e+01
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	1.1459e+03	-9.3619e+01	8.1661e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	1.2981e+03	-1.6979e+02	1.3806e+01
	1590	0.0000e+00	0.0000e+00	0.0000e+00	1.1987e+03	-1.4744e+02	-2.8715e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	1.1202e+03	-1.3153e+02	3.9247e+01
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	1.1952e+03	9.2290e+00	1.7743e+02
	1588	0.0000e+00	0.0000e+00	0.0000e+00	1.4513e+03	-1.6494e+02	1.0134e+02
	1589	0.0000e+00	0.0000e+00	0.0000e+00	1.3310e+03	-1.2714e+02	1.4065e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	1.1753e+03	-1.1073e+02	9.0091e+01
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	1.1361e+03	1.5962e+02	9.1351e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	1.5331e+03	1.9032e+02	9.9732e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	1.5451e+03	1.3387e+02	1.4090e+02
	1582	0.0000e+00	0.0000e+00	0.0000e+00	1.1396e+03	7.5141e+01	1.3251e+02
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	7.6400e+02	6.7279e+00	-1.1647e+02
	1587	0.0000e+00	0.0000e+00	0.0000e+00	1.0750e+03	3.0755e+01	-1.3559e+02
	1416	0.0000e+00	0.0000e+00	0.0000e+00	1.0387e+03	9.3222e+01	-8.5801e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	7.6508e+02	1.0075e+01	-6.6692e+01
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	7.7995e+02	-2.2534e+01	-1.2405e+02
	1586	0.0000e+00	0.0000e+00	0.0000e+00	1.0612e+03	-8.0702e+01	-1.2463e+02
	1587	0.0000e+00	0.0000e+00	0.0000e+00	1.0489e+03	-2.0516e+01	-1.5381e+02
	1581	0.0000e+00	0.0000e+00	0.0000e+00	7.9116e+02	-1.5350e+01	-1.5322e+02
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	7.8063e+02	-3.0857e+01	-5.8791e+01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	1.0182e+03	-1.0775e+02	-4.1504e+01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	1.0401e+03	-1.0435e+02	-1.1273e+02
	1580	0.0000e+00	0.0000e+00	0.0000e+00	7.9059e+02	-2.6612e+01	-1.3001e+02
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	7.8203e+02	-2.8260e+01	3.7650e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	1.0107e+03	-1.1418e+02	3.7164e+01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	1.0102e+03	-1.1459e+02	-4.2035e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	7.8157e+02	-2.8575e+01	-4.1545e+01
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	7.9243e+02	-2.5569e+01	1.2595e+02
	1583	0.0000e+00	0.0000e+00	0.0000e+00	1.0419e+03	-1.0305e+02	1.0767e+02

	1584	0.0000e+00	0.0000e+00	0.0000e+00	1.0191e+03	-1.0727e+02	3.6600e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	7.8152e+02	-3.0434e+01	5.4867e+01
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	7.9440e+02	-1.3672e+01	1.4882e+02
	1582	0.0000e+00	0.0000e+00	0.0000e+00	1.0522e+03	-1.8476e+01	1.4837e+02
	1583	0.0000e+00	0.0000e+00	0.0000e+00	1.0635e+03	-7.9340e+01	1.1947e+02
	1577	0.0000e+00	0.0000e+00	0.0000e+00	7.8222e+02	-2.1409e+01	1.1991e+02
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	7.6981e+02	1.2588e+01	6.1768e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	1.0434e+03	9.6249e+01	7.9824e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	1.0788e+03	3.3014e+01	1.3001e+02
	1576	0.0000e+00	0.0000e+00	0.0000e+00	7.6769e+02	8.6037e+00	1.1195e+02
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	3.7997e+02	-8.1218e+01	-1.2720e+02
	1581	0.0000e+00	0.0000e+00	0.0000e+00	6.9156e+02	-4.6690e+01	-1.1880e+02
	1405	0.0000e+00	0.0000e+00	0.0000e+00	6.7608e+02	-4.0579e+01	-5.9422e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	4.1091e+02	-1.3489e+02	-6.7812e+01
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	3.6348e+02	2.3708e+01	-1.4671e+02
	1580	0.0000e+00	0.0000e+00	0.0000e+00	6.7293e+02	-3.5102e+01	-1.2974e+02
	1581	0.0000e+00	0.0000e+00	0.0000e+00	6.6645e+02	-3.4932e+01	-1.4866e+02
	1575	0.0000e+00	0.0000e+00	0.0000e+00	4.0120e+02	-5.2560e+01	-1.6562e+02
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	3.6872e+02	7.8161e+01	-6.4347e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	6.5090e+02	-1.6874e+01	-5.7268e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	6.5264e+02	-2.5971e+01	-1.3479e+02
	1574	0.0000e+00	0.0000e+00	0.0000e+00	3.8003e+02	4.7365e+01	-1.4187e+02
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	3.7492e+02	8.8056e+01	4.6020e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	6.4499e+02	-1.4521e+01	4.5546e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	6.4455e+02	-1.4803e+01	-4.8946e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	3.7448e+02	8.7798e+01	-4.8470e+01
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	3.8171e+02	4.8179e+01	1.3927e+02
	1577	0.0000e+00	0.0000e+00	0.0000e+00	6.5447e+02	-2.5026e+01	1.3124e+02
	1578	0.0000e+00	0.0000e+00	0.0000e+00	6.5183e+02	-1.6482e+01	5.3837e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	3.6954e+02	7.8452e+01	6.1869e+01
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	4.0415e+02	-5.1203e+01	1.6273e+02
	1576	0.0000e+00	0.0000e+00	0.0000e+00	6.6970e+02	-3.3339e+01	1.4479e+02
	1577	0.0000e+00	0.0000e+00	0.0000e+00	6.7524e+02	-3.4047e+01	1.2609e+02
	1571	0.0000e+00	0.0000e+00	0.0000e+00	3.6556e+02	2.4562e+01	1.4403e+02
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	4.1519e+02	-1.3297e+02	6.4464e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	6.8074e+02	-3.8338e+01	5.5064e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	6.9530e+02	-4.4980e+01	1.1478e+02
	1570	0.0000e+00	0.0000e+00	0.0000e+00	3.8333e+02	-7.9837e+01	1.2418e+02
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	-7.1425e+01	-1.8837e+02	-1.8565e+02
	1575	0.0000e+00	0.0000e+00	0.0000e+00	3.1223e+02	-1.4436e+02	-1.4257e+02
	1394	0.0000e+00	0.0000e+00	0.0000e+00	3.2087e+02	-1.9718e+02	-5.2953e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	9.6757e+00	-3.4779e+02	-9.6018e+01
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	-6.5631e+01	1.0239e+02	-1.6490e+02
	1574	0.0000e+00	0.0000e+00	0.0000e+00	2.4728e+02	1.7404e+01	-1.3570e+02
	1575	0.0000e+00	0.0000e+00	0.0000e+00	2.6171e+02	-7.3981e+01	-1.8206e+02
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-2.7365e+01	-5.8344e+01	-2.1126e+02
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	9.5398e+00	1.7615e+02	-3.9907e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	2.3145e+02	9.9981e+01	-6.0841e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	2.3562e+02	4.6045e+01	-1.4756e+02
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-4.1321e+01	1.5818e+02	-1.2663e+02
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	1.5353e+01	1.9371e+02	4.1165e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	2.3456e+02	1.0303e+02	4.0756e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	2.3416e+02	1.0284e+02	-4.2768e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	1.5055e+01	1.9351e+02	-4.2356e+01
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	-3.9981e+01	1.5875e+02	1.2531e+02
	1571	0.0000e+00	0.0000e+00	0.0000e+00	2.3724e+02	4.6732e+01	1.4542e+02
	1572	0.0000e+00	0.0000e+00	0.0000e+00	2.3228e+02	1.0027e+02	5.8799e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	9.7742e+00	1.7634e+02	3.8688e+01
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	-2.5149e+01	-5.7380e+01	2.0967e+02
	1570	0.0000e+00	0.0000e+00	0.0000e+00	2.6458e+02	-7.2807e+01	1.7962e+02
	1571	0.0000e+00	0.0000e+00	0.0000e+00	2.4933e+02	1.8203e+01	1.3346e+02
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-6.3949e+01	1.0296e+02	1.6351e+02
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	1.0448e+01	-3.4638e+02	9.4017e+01

	1329	0.0000e+00	0.0000e+00	0.0000e+00	3.2499e+02	-1.9550e+02	5.0095e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	3.1552e+02	-1.4307e+02	1.4000e+02
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-6.8697e+01	-1.8741e+02	1.8392e+02
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	-7.8467e+02	-4.1595e+02	-2.4395e+02
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.0855e+02	-2.6266e+02	-2.1358e+02
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-1.0944e+02	-4.6400e+02	-8.2911e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-7.2783e+02	-5.9445e+02	-1.1328e+02
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	-3.5702e+02	2.0116e+02	3.1082e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-2.2288e+02	1.8382e+02	-1.0147e+02
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-2.4809e+02	-9.0534e+01	-2.8605e+02
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-5.7588e+02	2.9294e+02	-1.5353e+02
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.5119e+02	2.0164e+02	7.2464e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.0975e+02	2.1423e+02	-4.1590e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.4743e+02	1.4030e+02	-8.1213e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-3.2336e+02	2.3892e+02	3.2857e+01
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.3191e+02	1.9680e+02	-8.8190e-01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-8.1237e+01	1.9839e+02	-1.1983e+00
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-8.1554e+01	1.9827e+02	-7.0852e-01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.3217e+02	1.9665e+02	-8.7173e-01
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	-3.2234e+02	2.3931e+02	-3.3132e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.4613e+02	1.4074e+02	8.0269e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-1.0910e+02	2.1443e+02	4.0721e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.5071e+02	2.0174e+02	-7.2678e+01
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	-5.7401e+02	2.9351e+02	1.5299e+02
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-2.4577e+02	-8.9762e+01	2.8482e+02
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-2.2122e+02	1.8434e+02	1.0044e+02
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-3.5578e+02	2.0147e+02	-3.1402e+01
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	-7.2521e+02	-5.9348e+02	1.1230e+02
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-1.0614e+02	-4.6284e+02	8.1290e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-1.0591e+02	-2.6179e+02	2.1222e+02
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-7.8256e+02	-4.1545e+02	2.4323e+02
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	-4.4745e+02	1.3017e+03	1.7540e+03
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.8942e+03	9.1728e+00	1.5472e+02
	1372	0.0000e+00	0.0000e+00	0.0000e+00	1.2095e+02	-1.0851e+03	-4.1652e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	-5.4081e+03	-1.1376e+03	1.1828e+03
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	-7.9529e+01	1.7117e+02	4.9300e+02
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-4.5862e+02	4.1405e+02	6.5019e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.3223e+03	1.1916e+02	2.9545e+02
	1077	0.0000e+00	0.0000e+00	0.0000e+00	1.0337e+01	-1.3836e+02	7.2344e+02
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	9.6854e+01	5.9527e+01	1.8704e+02
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-1.1871e+02	1.8778e+02	4.8966e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-2.8072e+02	2.0565e+02	2.2867e+02
	1076	0.0000e+00	0.0000e+00	0.0000e+00	1.1845e+01	-5.6311e+01	3.6674e+02
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	1.2268e+02	-9.5026e+00	-8.1713e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-8.4473e+01	1.6841e+02	-8.1911e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-8.4689e+01	1.6836e+02	8.1958e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	1.2253e+02	-9.6105e+00	8.2156e+01
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	1.2147e+01	-5.6064e+01	-3.6636e+02
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-2.7983e+02	2.0589e+02	-2.2869e+02
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.1827e+02	1.8793e+02	-4.8937e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	9.7129e+01	5.9574e+01	-1.8661e+02
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	1.0199e+01	-1.3805e+02	-7.2319e+02
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.3206e+03	1.1952e+02	-2.9564e+02
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-4.5749e+02	4.1436e+02	-6.5119e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-7.8861e+01	1.7134e+02	-4.9267e+02
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	-5.4063e+03	-1.1379e+03	-1.1830e+03
	1307	0.0000e+00	0.0000e+00	0.0000e+00	1.2347e+02	-1.0844e+03	4.1563e+02
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.8921e+03	9.5323e+00	-1.5511e+02
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-4.4642e+02	1.3019e+03	-1.7537e+03
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	1.9976e+03	-4.8864e+01	4.3492e+01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	1.6660e+03	-4.9445e+02	7.2477e+02
	26	0.0000e+00	0.0000e+00	0.0000e+00	3.6190e+03	2.0065e+02	4.2923e+02
	1277	0.0000e+00	0.0000e+00	0.0000e+00	1.2996e+03	3.9537e+02	-2.5205e+02

1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	1.4180e+03	-2.4912e+02	1.5920e+01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	1.1734e+03	-8.3677e+01	3.4381e+02
	1557	0.0000e+00	0.0000e+00	0.0000e+00	1.4378e+03	-9.6126e+01	4.0449e+02
	1551	0.0000e+00	0.0000e+00	0.0000e+00	1.7578e+03	-6.1875e+01	7.6559e+01
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.1845e+03	-1.6219e+02	8.8822e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	9.8199e+02	-2.5018e+01	1.3692e+02
	1556	0.0000e+00	0.0000e+00	0.0000e+00	1.0864e+03	-7.5718e+01	2.3088e+02
	1550	0.0000e+00	0.0000e+00	0.0000e+00	1.3161e+03	-1.4233e+02	1.0271e+02
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.1609e+03	-1.3872e+02	-4.4197e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	9.5553e+02	-3.6848e+01	-4.4037e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	9.5586e+02	-3.3277e+01	5.1371e+01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.1608e+03	-1.3839e+02	5.1213e+01
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.3152e+03	-1.4390e+02	-9.5511e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	1.0855e+03	-8.0663e+01	-2.2337e+02
	1554	0.0000e+00	0.0000e+00	0.0000e+00	9.8166e+02	-2.3004e+01	-1.2957e+02
	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.1835e+03	-1.6312e+02	-2.7086e+00
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.7560e+03	-6.4577e+01	-6.8943e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	1.4363e+03	-1.0218e+02	-3.9662e+02
	1553	0.0000e+00	0.0000e+00	0.0000e+00	1.1725e+03	-8.3255e+01	-3.3627e+02
	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.4162e+03	-2.5131e+02	-8.8905e+00
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	1.2963e+03	3.9180e+02	2.6042e+02
	25	0.0000e+00	0.0000e+00	0.0000e+00	3.6182e+03	1.9420e+02	-4.2077e+02
	1552	0.0000e+00	0.0000e+00	0.0000e+00	1.6646e+03	-4.9594e+02	-7.1692e+02
	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.9950e+03	-5.2019e+01	-3.5956e+01
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	1.1396e+03	7.5161e+01	-1.3251e+02
	1551	0.0000e+00	0.0000e+00	0.0000e+00	1.5451e+03	1.3390e+02	-1.4089e+02
	1277	0.0000e+00	0.0000e+00	0.0000e+00	1.5331e+03	1.9031e+02	-9.9703e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	1.1361e+03	1.5960e+02	-9.1332e+01
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	1.1753e+03	-1.1072e+02	-9.0100e+01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	1.3310e+03	-1.2712e+02	-1.4164e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	1.4512e+03	-1.6493e+02	-1.0134e+02
	1545	0.0000e+00	0.0000e+00	0.0000e+00	1.1952e+03	9.3543e+00	-1.7743e+02
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	1.1202e+03	-1.3152e+02	-3.9274e+01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.1987e+03	-1.4742e+02	2.8757e+01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	1.2981e+03	-1.6978e+02	-1.3920e+01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	1.1459e+03	-9.3612e+01	-8.1675e+01
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	1.1050e+03	-1.2217e+02	1.4737e+01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.1851e+03	-1.4815e+02	1.5178e+01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	1.1854e+03	-1.4787e+02	-9.1219e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	1.1055e+03	-1.2177e+02	-9.5203e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	1.1441e+03	-9.4987e+01	8.7212e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.2967e+03	-1.7125e+02	2.0190e+01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	1.1979e+03	-1.4834e+02	-2.2522e+01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	1.1193e+03	-1.3213e+02	4.4634e+01
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	1.1921e+03	7.6521e+00	1.8342e+02
	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.4486e+03	-1.6754e+02	1.0823e+02
	1547	0.0000e+00	0.0000e+00	0.0000e+00	1.3290e+03	-1.2916e+02	2.0571e+01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	1.1732e+03	-1.1229e+02	9.5717e+01
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	1.1314e+03	1.5653e+02	9.7940e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	1.5293e+03	1.8680e+02	1.0727e+02
	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.5419e+03	1.3099e+02	1.4795e+02
	1540	0.0000e+00	0.0000e+00	0.0000e+00	1.1360e+03	7.2807e+01	1.3860e+02
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	7.6768e+02	8.6517e+00	-1.1196e+02
	1545	0.0000e+00	0.0000e+00	0.0000e+00	1.0788e+03	3.3040e+01	-1.3001e+02
	1266	0.0000e+00	0.0000e+00	0.0000e+00	1.0434e+03	9.6235e+01	-7.9811e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	7.6981e+02	1.2576e+01	-6.1766e+01
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	7.8220e+02	-2.1421e+01	-1.1991e+02
	1544	0.0000e+00	0.0000e+00	0.0000e+00	1.0635e+03	-7.9335e+01	-1.1947e+02
	1545	0.0000e+00	0.0000e+00	0.0000e+00	1.0522e+03	-1.8507e+01	-1.4837e+02
	1539	0.0000e+00	0.0000e+00	0.0000e+00	7.9438e+02	-1.3696e+01	-1.4882e+02
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	7.8150e+02	-3.0439e+01	-5.4873e+01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	1.0191e+03	-1.0726e+02	-3.6627e+01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	1.0419e+03	-1.0304e+02	-1.0768e+02

	1538	0.0000e+00	0.0000e+00	0.0000e+00	7.9240e+02	-2.5574e+01	-1.2595e+02
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	7.8155e+02	-2.8596e+01	4.1571e+01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	1.0102e+03	-1.1460e+02	4.2059e+01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	1.0106e+03	-1.1417e+02	-3.7190e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	7.8201e+02	-2.8267e+01	-3.7665e+01
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	7.9058e+02	-2.6675e+01	1.3003e+02
	1541	0.0000e+00	0.0000e+00	0.0000e+00	1.0401e+03	-1.0438e+02	1.1274e+02
	1542	0.0000e+00	0.0000e+00	0.0000e+00	1.0182e+03	-1.0777e+02	4.1528e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	7.8061e+02	-3.0886e+01	5.8814e+01
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	7.9114e+02	-1.5542e+01	1.5324e+02
	1540	0.0000e+00	0.0000e+00	0.0000e+00	1.0489e+03	-2.0730e+01	1.5382e+02
	1541	0.0000e+00	0.0000e+00	0.0000e+00	1.0612e+03	-8.0743e+01	1.2464e+02
	1535	0.0000e+00	0.0000e+00	0.0000e+00	7.7994e+02	-2.2626e+01	1.2406e+02
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	7.6504e+02	1.0518e+01	6.6752e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	1.0387e+03	9.3311e+01	8.5863e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	1.0750e+03	3.0908e+01	1.3562e+02
	1534	0.0000e+00	0.0000e+00	0.0000e+00	7.6397e+02	7.2104e+00	1.1649e+02
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	3.8330e+02	-7.9821e+01	-1.2420e+02
	1539	0.0000e+00	0.0000e+00	0.0000e+00	6.9528e+02	-4.4980e+01	-1.1478e+02
	1255	0.0000e+00	0.0000e+00	0.0000e+00	6.8074e+02	-3.8351e+01	-5.5070e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	4.1518e+02	-1.3298e+02	-6.4487e+01
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	3.6552e+02	2.4602e+01	-1.4403e+02
	1538	0.0000e+00	0.0000e+00	0.0000e+00	6.7522e+02	-3.4042e+01	-1.2609e+02
	1539	0.0000e+00	0.0000e+00	0.0000e+00	6.6967e+02	-3.3336e+01	-1.4479e+02
	1533	0.0000e+00	0.0000e+00	0.0000e+00	4.0412e+02	-5.1181e+01	-1.6274e+02
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	3.6950e+02	7.8470e+01	-6.1858e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	6.5181e+02	-1.6492e+01	-5.3839e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	6.5444e+02	-2.5026e+01	-1.3124e+02
	1532	0.0000e+00	0.0000e+00	0.0000e+00	3.8168e+02	4.8212e+01	-1.3926e+02
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	3.7446e+02	8.7791e+01	4.8501e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	6.4453e+02	-1.4834e+01	4.8972e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	6.4497e+02	-1.4537e+01	-4.5550e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	3.7488e+02	8.8066e+01	-4.6011e+01
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	3.8001e+02	4.7351e+01	1.4188e+02
	1535	0.0000e+00	0.0000e+00	0.0000e+00	6.5262e+02	-2.6030e+01	1.3480e+02
	1536	0.0000e+00	0.0000e+00	0.0000e+00	6.5089e+02	-1.6915e+01	5.7291e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	3.6869e+02	7.8150e+01	6.4375e+01
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	4.0117e+02	-5.2614e+01	1.6562e+02
	1534	0.0000e+00	0.0000e+00	0.0000e+00	6.6643e+02	-3.5014e+01	1.4867e+02
	1535	0.0000e+00	0.0000e+00	0.0000e+00	6.7291e+02	-3.5160e+01	1.2976e+02
	1529	0.0000e+00	0.0000e+00	0.0000e+00	3.6345e+02	2.3718e+01	1.4671e+02
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	4.1085e+02	-1.3490e+02	6.7830e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	6.7603e+02	-4.0658e+01	5.9472e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	6.9153e+02	-4.6754e+01	1.1882e+02
	1528	0.0000e+00	0.0000e+00	0.0000e+00	3.7993e+02	-8.1258e+01	1.2719e+02
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	-6.8644e+01	-1.8735e+02	-1.8396e+02
	1533	0.0000e+00	0.0000e+00	0.0000e+00	3.1549e+02	-1.4305e+02	-1.4001e+02
	1244	0.0000e+00	0.0000e+00	0.0000e+00	3.2497e+02	-1.9551e+02	-5.0128e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	9.9662e+00	-3.4637e+02	-9.4076e+01
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	-6.3875e+01	1.0302e+02	-1.6350e+02
	1532	0.0000e+00	0.0000e+00	0.0000e+00	2.4928e+02	1.8251e+01	-1.3346e+02
	1533	0.0000e+00	0.0000e+00	0.0000e+00	2.6454e+02	-7.2778e+01	-1.7964e+02
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-2.4947e+01	-5.7315e+01	-2.0968e+02
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	9.0640e+00	1.7636e+02	-3.8661e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	2.3223e+02	1.0029e+02	-5.8784e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	2.3719e+02	4.6768e+01	-1.4541e+02
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-3.9846e+01	1.5880e+02	-1.2529e+02
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	1.4527e+01	1.9350e+02	4.2398e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	2.3412e+02	1.0283e+02	4.2802e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	2.3452e+02	1.0304e+02	-4.0742e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	1.4884e+01	1.9372e+02	-4.1138e+01
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	-4.1072e+01	1.5813e+02	1.2665e+02
	1529	0.0000e+00	0.0000e+00	0.0000e+00	2.3558e+02	4.6026e+01	1.4758e+02

	1530	0.0000e+00	0.0000e+00	0.0000e+00	2.3141e+02	9.9963e+01	6.0871e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	8.6250e+00	1.7613e+02	3.9951e+01
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	-2.6903e+01	-5.8425e+01	2.1125e+02
	1528	0.0000e+00	0.0000e+00	0.0000e+00	2.6167e+02	-7.4030e+01	1.8205e+02
	1529	0.0000e+00	0.0000e+00	0.0000e+00	2.4724e+02	1.7409e+01	1.3571e+02
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-6.5461e+01	1.0234e+02	1.6492e+02
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	8.0702e+00	-3.4780e+02	9.5977e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	3.2081e+02	-1.9718e+02	5.2961e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	3.1218e+02	-1.4439e+02	1.4257e+02
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-7.1229e+01	-1.8843e+02	1.8561e+02
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-7.8259e+02	-4.1526e+02	-2.4329e+02
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.0590e+02	-2.6171e+02	-2.1224e+02
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-1.0613e+02	-4.6282e+02	-8.1370e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-7.2518e+02	-5.9345e+02	-1.1242e+02
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	-3.5576e+02	2.0157e+02	3.1443e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-2.2123e+02	1.8441e+02	-1.0042e+02
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-2.4579e+02	-8.9688e+01	-2.8484e+02
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-5.7406e+02	2.9364e+02	-1.5298e+02
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.5067e+02	2.0177e+02	7.2717e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.0905e+02	2.1446e+02	-4.0693e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.4611e+02	1.4079e+02	-8.0241e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-3.2232e+02	2.3937e+02	3.3166e+01
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.3212e+02	1.9663e+02	1.0989e+00
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-8.1462e+01	1.9826e+02	1.0862e+00
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-8.1162e+01	1.9840e+02	1.3554e+00
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.3187e+02	1.9681e+02	1.0191e+00
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-3.2334e+02	2.3886e+02	-3.2838e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.4735e+02	1.4024e+02	8.1250e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-1.0968e+02	2.1420e+02	4.1632e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.5116e+02	2.0161e+02	-7.2430e+01
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	-5.7582e+02	2.9281e+02	1.5354e+02
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-2.4802e+02	-9.0615e+01	2.8603e+02
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-2.2281e+02	1.8375e+02	1.0150e+02
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-3.5701e+02	2.0107e+02	-3.1060e+01
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-7.2783e+02	-5.9447e+02	1.1317e+02
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.0929e+02	-4.6401e+02	8.2848e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.0840e+02	-2.6274e+02	2.1356e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-7.8462e+02	-4.1614e+02	2.4389e+02
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	-4.4621e+02	1.3020e+03	1.7538e+03
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.8922e+03	9.7732e+00	1.5509e+02
	1222	0.0000e+00	0.0000e+00	0.0000e+00	1.2326e+02	-1.0843e+03	-4.1591e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	-5.4061e+03	-1.1370e+03	1.1828e+03
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	-7.8728e+01	1.7141e+02	4.9268e+02
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-4.5744e+02	4.1444e+02	6.5146e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.3206e+03	1.1969e+02	2.9568e+02
	1011	0.0000e+00	0.0000e+00	0.0000e+00	9.7670e+00	-1.3789e+02	7.2321e+02
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	9.7080e+01	5.9595e+01	1.8662e+02
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-1.1821e+02	1.8795e+02	4.8967e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-2.7979e+02	2.0596e+02	2.2872e+02
	1010	0.0000e+00	0.0000e+00	0.0000e+00	1.1672e+01	-5.6004e+01	3.6637e+02
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	1.2246e+02	-9.6153e+00	-8.2146e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-8.4620e+01	1.6834e+02	-8.1930e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-8.4400e+01	1.6843e+02	8.1942e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	1.2263e+02	-9.4821e+00	8.1724e+01
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	1.1085e+01	-5.6372e+01	-3.6673e+02
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-2.8072e+02	2.0558e+02	-2.2863e+02
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.1868e+02	1.8776e+02	-4.8942e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	9.6743e+01	5.9503e+01	-1.8703e+02
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	9.5709e+00	-1.3851e+02	-7.2342e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.3223e+03	1.1900e+02	-2.9542e+02
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-4.5864e+02	4.1397e+02	-6.4998e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-7.9492e+01	1.7110e+02	-4.9299e+02
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-5.4082e+03	-1.1384e+03	-1.1830e+03

	1162	0.0000e+00	0.0000e+00	0.0000e+00	1.2101e+02	-1.0851e+03	4.1624e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.8941e+03	8.9504e+00	-1.5475e+02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-4.4764e+02	1.3016e+03	-1.7539e+03
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	6.5660e+02	2.2615e+01	1.5124e+02
	1515	0.0000e+00	0.0000e+00	0.0000e+00	4.7936e+02	1.4070e+02	3.0727e+02
	33	0.0000e+00	0.0000e+00	0.0000e+00	9.6671e+02	-1.8230e+02	2.7242e+02
	1506	0.0000e+00	0.0000e+00	0.0000e+00	4.5689e+02	1.1690e+01	1.1639e+02
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	5.3270e+02	5.3181e+01	9.7909e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	3.8090e+02	2.8244e+02	1.8548e+02
	1515	0.0000e+00	0.0000e+00	0.0000e+00	4.0980e+02	-9.6409e+01	2.2396e+02
	1505	0.0000e+00	0.0000e+00	0.0000e+00	6.6523e+02	4.9441e+01	1.3636e+02
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	4.9302e+02	1.2753e+02	7.4289e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	3.5581e+02	2.9701e+02	1.0257e+02
	1514	0.0000e+00	0.0000e+00	0.0000e+00	3.5621e+02	3.7397e+01	1.5027e+02
	1504	0.0000e+00	0.0000e+00	0.0000e+00	5.4482e+02	1.0313e+02	1.2196e+02
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	5.0643e+02	1.5872e+02	3.0607e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	3.7263e+02	2.7438e+02	2.1882e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	3.5056e+02	1.4296e+02	7.2829e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	5.1209e+02	1.4686e+02	8.1729e+01
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	5.6011e+02	1.5605e+02	-2.3619e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	4.2390e+02	2.2556e+02	-6.4924e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	3.8352e+02	2.1181e+02	-1.0106e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	5.2349e+02	1.5923e+02	3.3828e+01
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	6.5864e+02	1.2370e+02	-8.2552e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	5.1357e+02	1.5587e+02	-1.6116e+02
	1511	0.0000e+00	0.0000e+00	0.0000e+00	4.5044e+02	2.4454e+02	-9.8528e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	5.7676e+02	1.4053e+02	-2.0498e+01
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	8.2096e+02	6.6480e+01	-1.4494e+02
	1509	0.0000e+00	0.0000e+00	0.0000e+00	6.5771e+02	7.0158e+01	-2.7446e+02
	1510	0.0000e+00	0.0000e+00	0.0000e+00	5.5901e+02	2.4110e+02	-2.0371e+02
	1500	0.0000e+00	0.0000e+00	0.0000e+00	6.8095e+02	9.0727e+01	-7.4281e+01
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.0922e+03	5.4744e+00	-1.9775e+02
	1508	0.0000e+00	0.0000e+00	0.0000e+00	8.9691e+02	-2.6044e+01	-4.1197e+02
	1509	0.0000e+00	0.0000e+00	0.0000e+00	7.3097e+02	1.9569e+02	-3.3503e+02
	1499	0.0000e+00	0.0000e+00	0.0000e+00	8.6345e+02	6.9396e+00	-1.2086e+02
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	1.6127e+03	3.5701e+01	-1.6998e+02
	1507	0.0000e+00	0.0000e+00	0.0000e+00	1.3207e+03	-7.8463e+01	-5.5812e+02
	1508	0.0000e+00	0.0000e+00	0.0000e+00	1.0162e+03	8.1344e+01	-5.0974e+02
	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.2020e+03	-1.3404e+02	-1.2163e+02
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	1.1964e+03	4.6272e+02	1.6599e+02
	32	0.0000e+00	0.0000e+00	0.0000e+00	3.5738e+03	2.0392e+02	-5.6181e+02
	1507	0.0000e+00	0.0000e+00	0.0000e+00	1.5727e+03	-3.8298e+02	-8.7169e+02
	1497	0.0000e+00	0.0000e+00	0.0000e+00	1.8568e+03	3.1765e+01	-1.4396e+02
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	5.9751e+02	5.4988e+01	1.3530e+02
	1505	0.0000e+00	0.0000e+00	0.0000e+00	6.2157e+02	-1.0419e+01	1.4809e+02
	1506	0.0000e+00	0.0000e+00	0.0000e+00	8.7312e+02	1.8317e+01	1.4761e+02
	1496	0.0000e+00	0.0000e+00	0.0000e+00	3.6965e+02	-4.5754e+01	1.3482e+02
1113	1494	0.0000e+00	0.0000e+00	0.0000e+00	5.8112e+02	6.2194e+01	9.2456e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	5.7930e+02	7.2505e+01	1.1922e+02
	1505	0.0000e+00	0.0000e+00	0.0000e+00	5.9398e+02	3.4167e+01	1.1892e+02
	1495	0.0000e+00	0.0000e+00	0.0000e+00	6.1579e+02	4.5073e+01	9.2157e+01
1114	1493	0.0000e+00	0.0000e+00	0.0000e+00	5.7129e+02	1.0588e+02	8.5960e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	5.5211e+02	1.1773e+02	9.9733e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	5.7827e+02	1.0278e+02	1.1267e+02
	1494	0.0000e+00	0.0000e+00	0.0000e+00	5.7053e+02	8.6469e+01	9.8894e+01
1115	1492	0.0000e+00	0.0000e+00	0.0000e+00	5.7740e+02	1.2429e+02	6.6513e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	5.6192e+02	1.4506e+02	5.8010e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	5.5543e+02	1.4391e+02	8.0557e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	5.6812e+02	1.1549e+02	8.9086e+01
1116	1491	0.0000e+00	0.0000e+00	0.0000e+00	6.1164e+02	1.1908e+02	4.5445e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	6.0745e+02	1.4163e+02	1.2579e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	5.7247e+02	1.5254e+02	3.6183e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	5.8370e+02	1.2123e+02	7.0077e+01

1117	1490	0.0000e+00	0.0000e+00	0.0000e+00	6.7949e+02	9.2437e+01	3.0005e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	6.9544e+02	1.0926e+02	-3.5812e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	6.2684e+02	1.3113e+02	-1.5626e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	6.2927e+02	1.0259e+02	5.0580e+01
1118	1489	0.0000e+00	0.0000e+00	0.0000e+00	7.8606e+02	5.3813e+01	3.0734e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	8.3872e+02	4.9957e+01	-7.2024e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	7.2631e+02	8.3465e+01	-6.3811e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	7.1110e+02	6.1763e+01	3.8761e+01
1119	1488	0.0000e+00	0.0000e+00	0.0000e+00	9.1500e+02	3.2857e+01	6.5010e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.0594e+03	-2.8944e+01	-7.5108e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	8.8320e+02	1.8883e+01	-9.9674e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	8.3423e+02	1.1394e+01	4.0524e+01
1120	1487	0.0000e+00	0.0000e+00	0.0000e+00	1.0263e+03	9.6479e+01	1.3732e+02
	1497	0.0000e+00	0.0000e+00	0.0000e+00	1.2859e+03	-6.9571e+01	1.3404e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.1131e+03	-1.5671e+01	-6.7238e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	9.6797e+02	-1.0237e+01	5.8876e+01
1121	1426	0.0000e+00	0.0000e+00	0.0000e+00	1.0098e+03	2.1999e+02	3.6291e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	1.4166e+03	2.5713e+02	1.1742e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	1.3944e+03	2.1052e+02	5.7586e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	9.8616e+02	1.4764e+02	8.2362e+01
1122	1485	0.0000e+00	0.0000e+00	0.0000e+00	4.7476e+02	4.7127e+01	1.4430e+02
	1495	0.0000e+00	0.0000e+00	0.0000e+00	5.4771e+02	-2.1139e+01	1.3731e+02
	1496	0.0000e+00	0.0000e+00	0.0000e+00	8.0767e+02	-2.6307e+01	1.3501e+02
	1486	0.0000e+00	0.0000e+00	0.0000e+00	2.0219e+02	-8.9146e+01	1.4200e+02
1123	1484	0.0000e+00	0.0000e+00	0.0000e+00	4.7354e+02	6.6269e+01	9.0685e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	5.5955e+02	7.6778e+01	9.2226e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	5.3211e+02	2.6016e+01	9.3050e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	5.0383e+02	3.4710e+01	9.1508e+01
1124	1483	0.0000e+00	0.0000e+00	0.0000e+00	4.8570e+02	1.0318e+02	9.3424e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	5.5404e+02	1.0451e+02	9.3101e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	5.6197e+02	7.6721e+01	9.0260e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	4.7716e+02	8.4189e+01	9.0583e+01
1125	1482	0.0000e+00	0.0000e+00	0.0000e+00	4.9719e+02	1.1629e+02	9.0540e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	5.6514e+02	1.1708e+02	8.1979e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	5.5703e+02	1.0790e+02	8.1737e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	4.8945e+02	1.0917e+02	9.0300e+01
1126	1481	0.0000e+00	0.0000e+00	0.0000e+00	5.1599e+02	1.1528e+02	9.1281e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	5.9672e+02	1.0648e+02	7.0564e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	5.7166e+02	1.1762e+02	6.8475e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	5.0273e+02	1.1332e+02	8.9192e+01
1127	1480	0.0000e+00	0.0000e+00	0.0000e+00	5.4566e+02	1.0213e+02	1.0272e+02
	1490	0.0000e+00	0.0000e+00	0.0000e+00	6.5376e+02	7.5707e+01	6.6980e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	6.0767e+02	1.0522e+02	5.6276e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	5.2566e+02	1.0210e+02	9.1988e+01
1128	1479	0.0000e+00	0.0000e+00	0.0000e+00	5.8804e+02	7.9645e+01	1.3022e+02
	1489	0.0000e+00	0.0000e+00	0.0000e+00	7.3841e+02	3.2268e+01	7.8429e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	6.7117e+02	7.4473e+01	5.4427e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	5.5961e+02	7.9359e+01	1.0614e+02
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	6.3470e+02	5.6254e+01	1.6205e+02
	1488	0.0000e+00	0.0000e+00	0.0000e+00	8.3918e+02	6.0220e+00	1.0396e+02
	1489	0.0000e+00	0.0000e+00	0.0000e+00	7.6443e+02	3.7223e+01	7.2678e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	6.0224e+02	5.3008e+01	1.3071e+02
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	6.6563e+02	4.7462e+01	1.4656e+02
	1487	0.0000e+00	0.0000e+00	0.0000e+00	8.9860e+02	5.8003e+01	1.1684e+02
	1488	0.0000e+00	0.0000e+00	0.0000e+00	8.7269e+02	2.4641e+01	1.1351e+02
	1478	0.0000e+00	0.0000e+00	0.0000e+00	6.3665e+02	4.2081e+01	1.4322e+02
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	6.6473e+02	5.6338e+01	3.5641e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	9.2478e+02	1.4909e+02	3.1584e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	9.3371e+02	1.0544e+02	9.7332e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	6.4821e+02	5.5700e+01	1.0141e+02
1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	3.2376e+02	3.2855e+01	1.6344e+02
	1485	0.0000e+00	0.0000e+00	0.0000e+00	4.1096e+02	-5.2274e+01	1.5418e+02
	1486	0.0000e+00	0.0000e+00	0.0000e+00	7.1392e+02	-5.5659e+01	1.4558e+02



	1476	0.0000e+00	0.0000e+00	0.0000e+00	1.3966e+01	-1.2173e+02	1.5484e+02
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	3.2526e+02	6.3257e+01	1.0407e+02
	1484	0.0000e+00	0.0000e+00	0.0000e+00	4.3971e+02	7.1178e+01	9.7907e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	3.9759e+02	1.6508e+01	9.8661e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	3.5603e+02	2.2744e+01	1.0483e+02
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	3.4877e+02	1.0290e+02	1.0978e+02
	1483	0.0000e+00	0.0000e+00	0.0000e+00	4.4777e+02	9.8397e+01	9.9912e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	4.4615e+02	7.5209e+01	9.4263e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	3.3221e+02	8.2970e+01	1.0413e+02
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	3.6169e+02	1.1483e+02	1.0579e+02
	1482	0.0000e+00	0.0000e+00	0.0000e+00	4.6020e+02	1.0932e+02	9.7529e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	4.5210e+02	1.0258e+02	9.2574e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	3.5454e+02	1.0784e+02	1.0084e+02
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	3.6241e+02	1.2057e+02	1.0450e+02
	1481	0.0000e+00	0.0000e+00	0.0000e+00	4.7390e+02	1.0381e+02	9.9837e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	4.6318e+02	1.1218e+02	9.1420e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	3.6450e+02	1.1370e+02	9.6077e+01
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	3.5022e+02	1.2407e+02	1.1541e+02
	1480	0.0000e+00	0.0000e+00	0.0000e+00	4.9020e+02	8.7171e+01	1.1415e+02
	1481	0.0000e+00	0.0000e+00	0.0000e+00	4.7484e+02	1.0897e+02	9.4908e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	3.6319e+02	1.1391e+02	9.6162e+01
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	3.3009e+02	1.1767e+02	1.4540e+02
	1479	0.0000e+00	0.0000e+00	0.0000e+00	5.1152e+02	6.1394e+01	1.4429e+02
	1480	0.0000e+00	0.0000e+00	0.0000e+00	4.9122e+02	9.4519e+01	1.1092e+02
	1470	0.0000e+00	0.0000e+00	0.0000e+00	3.4826e+02	1.1074e+02	1.1202e+02
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	3.1895e+02	7.5290e+01	1.8062e+02
	1478	0.0000e+00	0.0000e+00	0.0000e+00	5.3823e+02	3.2573e+01	1.7213e+02
	1479	0.0000e+00	0.0000e+00	0.0000e+00	5.1877e+02	6.6983e+01	1.3988e+02
	1469	0.0000e+00	0.0000e+00	0.0000e+00	3.2268e+02	9.4167e+01	1.4836e+02
1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	3.3393e+02	-2.5487e+01	1.6800e+02
	1477	0.0000e+00	0.0000e+00	0.0000e+00	5.6701e+02	1.2757e+01	1.4690e+02
	1478	0.0000e+00	0.0000e+00	0.0000e+00	5.5849e+02	2.9274e+01	1.5722e+02
	1468	0.0000e+00	0.0000e+00	0.0000e+00	3.0350e+02	4.2994e+01	1.7832e+02
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	3.4617e+02	-1.0961e+02	4.8701e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	5.9068e+02	-8.0588e+00	3.3289e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	5.9314e+02	6.9371e+00	1.1049e+02
	1467	0.0000e+00	0.0000e+00	0.0000e+00	3.1525e+02	-6.0106e+01	1.2592e+02
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	1.5631e+02	2.4288e+01	1.8730e+02
	1475	0.0000e+00	0.0000e+00	0.0000e+00	2.4851e+02	-7.9401e+01	1.7465e+02
	1476	0.0000e+00	0.0000e+00	0.0000e+00	5.9330e+02	-8.2007e+01	1.6326e+02
	1466	0.0000e+00	0.0000e+00	0.0000e+00	-2.1285e+02	-1.6039e+02	1.7591e+02
1143	1464	0.0000e+00	0.0000e+00	0.0000e+00	1.7806e+02	6.1080e+01	1.3403e+02
	1474	0.0000e+00	0.0000e+00	0.0000e+00	2.8538e+02	7.1088e+01	1.1664e+02
	1475	0.0000e+00	0.0000e+00	0.0000e+00	2.3281e+02	5.1002e+00	1.1162e+02
	1465	0.0000e+00	0.0000e+00	0.0000e+00	1.9866e+02	2.3705e+01	1.2901e+02
1144	1463	0.0000e+00	0.0000e+00	0.0000e+00	2.2097e+02	9.1428e+01	1.3776e+02
	1473	0.0000e+00	0.0000e+00	0.0000e+00	3.0652e+02	9.7301e+01	1.1540e+02
	1474	0.0000e+00	0.0000e+00	0.0000e+00	2.9895e+02	7.2177e+01	1.1385e+02
	1464	0.0000e+00	0.0000e+00	0.0000e+00	1.8742e+02	8.1448e+01	1.3621e+02
1145	1462	0.0000e+00	0.0000e+00	0.0000e+00	2.3717e+02	9.6803e+01	1.1351e+02
	1472	0.0000e+00	0.0000e+00	0.0000e+00	3.2255e+02	1.0599e+02	1.0412e+02
	1473	0.0000e+00	0.0000e+00	0.0000e+00	3.1488e+02	9.8477e+01	1.1054e+02
	1463	0.0000e+00	0.0000e+00	0.0000e+00	2.2755e+02	9.3731e+01	1.1993e+02
1146	1461	0.0000e+00	0.0000e+00	0.0000e+00	2.2391e+02	1.0670e+02	8.6553e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	3.1916e+02	1.0738e+02	9.6040e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	3.2342e+02	1.0941e+02	1.0174e+02
	1462	0.0000e+00	0.0000e+00	0.0000e+00	2.3713e+02	9.7721e+01	9.2255e+01
1147	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.7517e+02	1.2802e+02	6.9446e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	2.9379e+02	1.0803e+02	1.0119e+02
	1471	0.0000e+00	0.0000e+00	0.0000e+00	3.1068e+02	1.1829e+02	9.6253e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	2.1676e+02	1.0905e+02	6.4523e+01
1148	1459	0.0000e+00	0.0000e+00	0.0000e+00	8.7751e+01	1.5483e+02	7.8116e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	2.4979e+02	9.8882e+01	1.3134e+02

	1470	0.0000e+00	0.0000e+00	0.0000e+00	2.7582e+02	1.2681e+02	1.0460e+02
	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.5966e+02	1.2898e+02	5.1409e+01
1149	1458	0.0000e+00	0.0000e+00	0.0000e+00	-2.7805e+01	1.4307e+02	1.2751e+02
	1468	0.0000e+00	0.0000e+00	0.0000e+00	2.1346e+02	5.1322e+01	1.8399e+02
	1469	0.0000e+00	0.0000e+00	0.0000e+00	2.2831e+02	1.1584e+02	1.3103e+02
	1459	0.0000e+00	0.0000e+00	0.0000e+00	6.2500e+01	1.3906e+02	7.4562e+01
1150	1457	0.0000e+00	0.0000e+00	0.0000e+00	-4.6653e+01	-5.6094e+01	1.9603e+02
	1467	0.0000e+00	0.0000e+00	0.0000e+00	2.1852e+02	-6.0342e+01	1.8541e+02
	1468	0.0000e+00	0.0000e+00	0.0000e+00	2.1353e+02	3.6510e+01	1.5822e+02
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-6.1025e+01	9.1246e+01	1.6883e+02
1151	1393	0.0000e+00	0.0000e+00	0.0000e+00	-3.5431e+01	-3.3707e+02	7.3060e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	2.7021e+02	-1.7990e+02	3.6533e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	2.6355e+02	-1.2297e+02	1.3710e+02
	1457	0.0000e+00	0.0000e+00	0.0000e+00	-9.5469e+01	-1.8409e+02	1.7364e+02
1152	1455	0.0000e+00	0.0000e+00	0.0000e+00	1.3123e+01	4.9804e+01	2.4443e+02
	1465	0.0000e+00	0.0000e+00	0.0000e+00	7.0198e+01	-9.1140e+01	2.1030e+02
	1466	0.0000e+00	0.0000e+00	0.0000e+00	4.6222e+02	-1.1965e+02	1.8594e+02
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-4.5308e+02	-2.0720e+02	2.2007e+02
1153	1454	0.0000e+00	0.0000e+00	0.0000e+00	9.6435e+01	5.6584e+01	2.1212e+02
	1464	0.0000e+00	0.0000e+00	0.0000e+00	1.3717e+02	8.4313e+01	1.5497e+02
	1465	0.0000e+00	0.0000e+00	0.0000e+00	6.0280e+01	5.4924e+00	1.4123e+02
	1455	0.0000e+00	0.0000e+00	0.0000e+00	6.9072e+01	5.7845e+01	1.9836e+02
1154	1453	0.0000e+00	0.0000e+00	0.0000e+00	1.5543e+02	5.4078e+01	1.8031e+02
	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.9214e+02	8.3422e+01	1.4160e+02
	1464	0.0000e+00	0.0000e+00	0.0000e+00	1.7012e+02	6.7472e+01	1.6130e+02
	1454	0.0000e+00	0.0000e+00	0.0000e+00	1.0645e+02	5.4204e+01	2.0002e+02
1155	1452	0.0000e+00	0.0000e+00	0.0000e+00	1.7212e+02	4.4981e+01	1.1638e+02
	1462	0.0000e+00	0.0000e+00	0.0000e+00	2.1642e+02	8.2404e+01	1.0533e+02
	1463	0.0000e+00	0.0000e+00	0.0000e+00	2.0589e+02	7.8757e+01	1.3820e+02
	1453	0.0000e+00	0.0000e+00	0.0000e+00	1.6241e+02	4.4994e+01	1.4925e+02
1156	1451	0.0000e+00	0.0000e+00	0.0000e+00	1.5564e+02	5.0747e+01	4.9541e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	2.0230e+02	8.9120e+01	6.5385e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	2.1694e+02	8.4358e+01	1.0099e+02
	1452	0.0000e+00	0.0000e+00	0.0000e+00	1.7033e+02	4.5495e+01	8.5110e+01
1157	1450	0.0000e+00	0.0000e+00	0.0000e+00	9.7521e+01	7.6091e+01	-1.8839e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.4538e+02	1.0935e+02	3.1078e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.8932e+02	1.0108e+02	6.3877e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	1.4426e+02	6.2968e+01	1.5103e+01
1158	1449	0.0000e+00	0.0000e+00	0.0000e+00	-2.6675e+01	1.2841e+02	-7.7934e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	3.2221e+01	1.3327e+02	2.0329e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.1361e+02	1.3625e+02	3.8570e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	7.3064e+01	1.0137e+02	-5.9675e+01
1159	1448	0.0000e+00	0.0000e+00	0.0000e+00	-2.9247e+02	2.1246e+02	-9.1400e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-1.1573e+02	1.1440e+02	7.6229e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	-2.9890e+01	1.7706e+02	3.8891e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-7.0271e+01	1.6023e+02	-1.2882e+02
1160	1447	0.0000e+00	0.0000e+00	0.0000e+00	-5.8296e+02	2.9247e+02	1.1023e+02
	1457	0.0000e+00	0.0000e+00	0.0000e+00	-2.5833e+02	-9.2848e+01	2.6987e+02
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-2.0768e+02	1.7285e+02	8.3668e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-3.3956e+02	1.9197e+02	-7.6010e+01
1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	-7.5070e+02	-5.8507e+02	8.0918e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-1.3758e+02	-4.5540e+02	6.1337e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	-1.2590e+02	-2.5789e+02	1.9037e+02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-7.9845e+02	-4.0840e+02	2.0995e+02
1162	782	0.0000e+00	0.0000e+00	0.0000e+00	1.7079e+02	2.0609e+02	5.3114e+02
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-1.6255e+02	-1.7082e+01	3.1856e+02
	1456	0.0000e+00	0.0000e+00	0.0000e+00	4.0467e+02	-1.6706e+02	1.9720e+02
	22	0.0000e+00	0.0000e+00	0.0000e+00	-7.8866e+02	-1.2475e+02	4.0973e+02
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	1.6763e+02	6.6216e+00	2.8741e+02
	1454	0.0000e+00	0.0000e+00	0.0000e+00	1.0104e+02	7.3991e+01	2.2188e+02
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-8.0672e+01	3.5850e+01	2.8427e+02
	782	0.0000e+00	0.0000e+00	0.0000e+00	2.2646e+02	-2.8563e+01	3.4980e+02
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	1.8161e+02	-2.4023e+01	2.0112e+02

	1453	0.0000e+00	0.0000e+00	0.0000e+00	1.6580e+02	2.6967e+01	1.7884e+02
	1454	0.0000e+00	0.0000e+00	0.0000e+00	1.3696e+02	4.4016e+01	2.4054e+02
	781	0.0000e+00	0.0000e+00	0.0000e+00	1.6977e+02	-4.1037e+01	2.6282e+02
1165	779	0.0000e+00	0.0000e+00	0.0000e+00	1.7783e+02	-4.1484e+01	1.0947e+02
	1452	0.0000e+00	0.0000e+00	0.0000e+00	1.8285e+02	1.9791e+01	1.0726e+02
	1453	0.0000e+00	0.0000e+00	0.0000e+00	1.7406e+02	2.6502e+01	1.6739e+02
	780	0.0000e+00	0.0000e+00	0.0000e+00	1.8279e+02	-4.4544e+01	1.6958e+02
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	1.6955e+02	-4.5297e+01	1.9185e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	1.6779e+02	2.8670e+01	2.9545e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	1.8252e+02	2.0737e+01	9.1987e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	1.7476e+02	-4.2618e+01	8.1271e+01
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	1.5408e+02	-4.2163e+01	-8.8114e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	1.1738e+02	5.8633e+01	-6.0186e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	1.6059e+02	3.1525e+01	1.5182e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	1.6235e+02	-3.0143e+01	-1.4395e+01
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	1.2238e+02	-3.7353e+01	-2.3154e+02
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-8.7668e+00	1.1395e+02	-1.6699e+02
	1450	0.0000e+00	0.0000e+00	0.0000e+00	9.7615e+01	6.7673e+01	-6.6171e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	1.3829e+02	2.9219e+00	-1.3068e+02
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.8206e+01	-5.4184e+01	-4.5592e+02
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-2.6715e+02	1.9244e+02	-2.9046e+02
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-5.9752e+01	1.4223e+02	-1.4599e+02
	776	0.0000e+00	0.0000e+00	0.0000e+00	8.1175e+01	7.5100e+01	-3.1143e+02
1170	774	0.0000e+00	0.0000e+00	0.0000e+00	-2.9785e+01	-1.2142e+02	-7.8029e+02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-1.3394e+03	1.2730e+02	-3.4051e+02
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-4.5251e+02	4.0360e+02	-1.2936e+02
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.0603e+02	1.9373e+02	-5.6912e+02
1171	21	0.0000e+00	0.0000e+00	0.0000e+00	-5.4471e+03	-1.1092e+03	-1.2200e+03
	1382	0.0000e+00	0.0000e+00	0.0000e+00	9.4726e+01	-1.0710e+03	3.8759e+02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-1.9158e+03	1.8989e+01	-1.9914e+02
	774	0.0000e+00	0.0000e+00	0.0000e+00	-4.7552e+02	1.3308e+03	-1.8068e+03
1172	1436	0.0000e+00	0.0000e+00	0.0000e+00	1.8082e+03	-5.4610e+01	1.2802e+02
	1446	0.0000e+00	0.0000e+00	0.0000e+00	1.5138e+03	-3.6472e+02	8.3901e+02
	32	0.0000e+00	0.0000e+00	0.0000e+00	3.5457e+03	1.6667e+02	5.2100e+02
	1437	0.0000e+00	0.0000e+00	0.0000e+00	1.2171e+03	4.8039e+02	-1.9001e+02
1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.1539e+03	-1.4733e+02	1.0553e+02
	1445	0.0000e+00	0.0000e+00	0.0000e+00	9.8555e+02	5.2452e+01	4.4718e+02
	1446	0.0000e+00	0.0000e+00	0.0000e+00	1.2879e+03	-8.3609e+01	5.1424e+02
	1436	0.0000e+00	0.0000e+00	0.0000e+00	1.5439e+03	-1.6463e+01	1.7259e+02
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	8.6402e+02	-2.7287e+01	8.7767e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	7.3544e+02	1.4327e+02	2.5442e+02
	1445	0.0000e+00	0.0000e+00	0.0000e+00	8.7615e+02	-2.7069e+01	3.4222e+02
	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.0610e+03	-2.8182e+01	1.7557e+02
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	7.3436e+02	3.6699e+01	2.5214e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	6.1307e+02	1.6963e+02	1.0619e+02
	1444	0.0000e+00	0.0000e+00	0.0000e+00	6.7727e+02	5.5023e+01	1.8870e+02
	1434	0.0000e+00	0.0000e+00	0.0000e+00	8.3433e+02	2.5038e+01	1.0769e+02
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	6.9749e+02	6.3283e+01	-4.6360e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	5.6977e+02	1.5739e+02	-2.3840e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	5.8790e+02	1.1956e+02	5.4755e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	7.2506e+02	5.8855e+01	3.2225e+01
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	7.3676e+02	5.6000e+01	-1.2133e+02
	1441	0.0000e+00	0.0000e+00	0.0000e+00	5.9261e+02	1.1375e+02	-1.5082e+02
	1442	0.0000e+00	0.0000e+00	0.0000e+00	5.7121e+02	1.6034e+02	-7.1749e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	6.9838e+02	6.2259e+01	-4.2275e+01
1178	1430	0.0000e+00	0.0000e+00	0.0000e+00	8.5988e+02	1.7294e+01	-1.9821e+02
	1440	0.0000e+00	0.0000e+00	0.0000e+00	6.8867e+02	4.1831e+01	-2.8707e+02
	1441	0.0000e+00	0.0000e+00	0.0000e+00	6.2096e+02	1.7235e+02	-2.0283e+02
	1431	0.0000e+00	0.0000e+00	0.0000e+00	7.4753e+02	3.1477e+01	-1.1398e+02
1179	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.1028e+03	-4.4897e+01	-2.6830e+02
	1439	0.0000e+00	0.0000e+00	0.0000e+00	8.9575e+02	-5.1382e+01	-4.4473e+02
	1440	0.0000e+00	0.0000e+00	0.0000e+00	7.5095e+02	1.4665e+02	-3.5397e+02
	1430	0.0000e+00	0.0000e+00	0.0000e+00	8.9009e+02	-3.9528e+01	-1.7755e+02

1180	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.6051e+03	-4.5763e+01	-2.6888e+02
	1438	0.0000e+00	0.0000e+00	0.0000e+00	1.3184e+03	-1.2938e+02	-6.2321e+02
	1439	0.0000e+00	0.0000e+00	0.0000e+00	1.0109e+03	5.5916e+01	-5.5153e+02
	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.1945e+03	-1.6978e+02	-1.9720e+02
1181	1427	0.0000e+00	0.0000e+00	0.0000e+00	1.3173e+03	4.2240e+02	8.6049e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	3.5751e+03	8.4588e+01	-6.4171e+02
	1438	0.0000e+00	0.0000e+00	0.0000e+00	1.5522e+03	-3.6155e+02	-9.4909e+02
	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.8655e+03	-9.5289e+01	-2.2140e+02
1182	1425	0.0000e+00	0.0000e+00	0.0000e+00	1.0070e+03	1.2112e+02	-7.2360e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	1.4000e+03	1.2240e+02	-6.2953e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	1.4174e+03	2.7704e+02	-2.8266e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	1.0088e+03	2.0965e+02	-3.7698e+01
1183	1424	0.0000e+00	0.0000e+00	0.0000e+00	9.7768e+02	-5.8635e+01	-5.1078e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.0997e+03	-6.5206e+01	7.5378e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	1.2911e+03	-8.8852e+01	-5.4361e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	1.0424e+03	6.3665e+01	-1.3132e+02
1184	1423	0.0000e+00	0.0000e+00	0.0000e+00	8.4579e+02	-3.4838e+01	-3.1654e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	8.8965e+02	-2.8936e+01	8.4904e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.0530e+03	-4.8579e+01	6.7929e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	9.1845e+02	-9.4360e+00	-4.8645e+01
1185	1422	0.0000e+00	0.0000e+00	0.0000e+00	7.5354e+02	5.1170e+00	-3.0919e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	7.7359e+02	2.3032e+01	3.4881e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	8.5604e+02	1.0431e+01	4.8128e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	8.0421e+02	3.4488e+00	-1.7755e+01
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	7.2244e+02	2.4218e+01	-4.2258e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	7.3618e+02	4.8600e+01	-2.4966e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	7.5839e+02	4.3607e+01	-2.4794e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	7.3533e+02	2.2355e+01	-1.9077e+01
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	7.5003e+02	1.9574e+01	-5.5730e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	7.7104e+02	4.2573e+01	-8.4239e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	7.3837e+02	4.5871e+01	-6.0655e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	7.2490e+02	2.2709e+01	-3.2157e+01
1188	1419	0.0000e+00	0.0000e+00	0.0000e+00	8.3681e+02	-7.2585e+00	-5.7765e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	8.8444e+02	6.4080e+00	-1.3531e+02
	1431	0.0000e+00	0.0000e+00	0.0000e+00	7.9067e+02	1.6294e+01	-1.2110e+02
	1420	0.0000e+00	0.0000e+00	0.0000e+00	7.7334e+02	5.5891e+00	-4.3544e+01
1189	1418	0.0000e+00	0.0000e+00	0.0000e+00	9.7096e+02	-2.6900e+01	-2.7493e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.0993e+03	-6.2765e+01	-1.5728e+02
	1430	0.0000e+00	0.0000e+00	0.0000e+00	9.2269e+02	-4.3273e+01	-1.7291e+02
	1419	0.0000e+00	0.0000e+00	0.0000e+00	8.8402e+02	-4.8173e+01	-4.2962e+01
1190	1417	0.0000e+00	0.0000e+00	0.0000e+00	1.1190e+03	3.1708e+01	5.6454e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.3603e+03	-1.1590e+02	-8.7477e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.1513e+03	-9.0753e+01	-1.6641e+02
	1418	0.0000e+00	0.0000e+00	0.0000e+00	1.0370e+03	-8.2302e+01	-2.3092e+01
1191	1416	0.0000e+00	0.0000e+00	0.0000e+00	1.1184e+03	1.5807e+02	-3.0727e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	1.5200e+03	2.2521e+02	-6.4934e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.4753e+03	7.6233e+01	-3.2765e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	1.0938e+03	7.9307e+01	-4.3125e+00
1192	1414	0.0000e+00	0.0000e+00	0.0000e+00	6.5372e+02	4.0256e+01	-9.1293e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	9.4555e+02	8.0430e+01	-9.5199e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	9.2913e+02	1.4042e+02	-3.0151e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	6.6223e+02	5.2535e+01	-2.6266e+01
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	6.5027e+02	8.4970e+00	-1.2415e+02
	1424	0.0000e+00	0.0000e+00	0.0000e+00	8.8171e+02	-2.4457e+01	-9.8858e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	9.0367e+02	2.7177e+01	-1.1485e+02
	1414	0.0000e+00	0.0000e+00	0.0000e+00	6.7960e+02	2.6443e+01	-1.4015e+02
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	6.2158e+02	1.0327e+01	-9.6904e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	7.8073e+02	-1.5543e+01	-4.9441e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	8.5054e+02	-3.2331e+01	-9.0041e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	6.4802e+02	2.2284e+01	-1.3752e+02
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	5.9463e+02	2.5696e+01	-6.0144e+01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	7.1325e+02	9.7223e+00	-2.9130e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	7.6157e+02	-1.3099e+01	-5.9798e+01

	1412	0.0000e+00	0.0000e+00	0.0000e+00	6.0923e+02	3.1232e+01	-9.0831e+01
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	5.8707e+02	3.5070e+01	-3.1963e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	6.9343e+02	2.0286e+01	-2.5573e+01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	7.0594e+02	1.2149e+01	-4.6018e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	5.8755e+02	3.6997e+01	-5.2420e+01
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	6.0211e+02	3.4396e+01	-5.2439e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	7.2099e+02	9.8910e+00	-2.3503e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	6.9593e+02	1.8564e+01	-4.3949e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	5.8952e+02	3.3213e+01	-2.5386e+01
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	6.4112e+02	2.3346e+01	3.4235e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	7.9491e+02	-2.2078e+01	-1.0041e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	7.3332e+02	5.1598e+00	-4.0663e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	6.1419e+02	1.9236e+01	-3.7925e+00
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	6.9807e+02	7.1833e+00	8.2851e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	9.0396e+02	-4.9867e+01	2.1896e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	8.1913e+02	-2.8714e+01	-2.0723e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	6.5881e+02	-3.5885e+00	4.0877e+01
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	7.4922e+02	-2.0719e+00	9.1098e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	9.8118e+02	-5.2321e+00	4.9962e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	9.4036e+02	-4.6954e+01	2.9920e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	7.0645e+02	-1.3379e+01	7.0960e+01
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	7.5513e+02	1.6019e+01	-1.0241e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	1.0352e+03	8.9504e+01	-2.5406e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	1.0286e+03	4.2723e+01	3.0439e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	7.3087e+02	7.2182e+00	4.5549e+01
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	3.1551e+02	-6.7749e+01	-1.1048e+02
	1414	0.0000e+00	0.0000e+00	0.0000e+00	6.0092e+02	-1.6326e+01	-9.9993e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	5.9646e+02	-1.0530e+01	-2.0873e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	3.4123e+02	-1.1202e+02	-3.1363e+01
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	3.1246e+02	3.1911e+01	-1.5031e+02
	1413	0.0000e+00	0.0000e+00	0.0000e+00	5.6831e+02	3.1979e+00	-1.3533e+02
	1414	0.0000e+00	0.0000e+00	0.0000e+00	5.6663e+02	-8.1564e+00	-1.3975e+02
	1403	0.0000e+00	0.0000e+00	0.0000e+00	3.4453e+02	-2.8633e+01	-1.5473e+02
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	3.4371e+02	6.6542e+01	-9.9649e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	5.3681e+02	2.5585e+01	-1.0005e+02
	1413	0.0000e+00	0.0000e+00	0.0000e+00	5.4917e+02	4.1382e+00	-1.4745e+02
	1402	0.0000e+00	0.0000e+00	0.0000e+00	3.3059e+02	5.6296e+01	-1.4706e+02
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	3.7594e+02	6.7872e+01	-4.9998e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	5.2474e+02	3.7150e+01	-5.7382e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	5.3459e+02	1.9949e+01	-1.0206e+02
	1401	0.0000e+00	0.0000e+00	0.0000e+00	3.5116e+02	7.7366e+01	-9.4680e+01
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	3.9232e+02	6.4912e+01	-1.8356e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	5.2831e+02	3.6887e+01	-2.5116e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	5.2796e+02	3.1517e+01	-5.8997e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	3.7897e+02	7.0246e+01	-5.2232e+01
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	3.9133e+02	6.7832e+01	1.0883e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	5.4216e+02	2.8503e+01	6.8666e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	5.3059e+02	3.5411e+01	-2.7557e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	3.9445e+02	6.3117e+01	-2.3381e+01
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	3.7776e+02	7.0443e+01	5.3984e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	5.6553e+02	1.1746e+01	5.0445e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	5.4345e+02	3.1084e+01	5.3423e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	3.9259e+02	6.1762e+01	8.6175e+00
1209	1396	0.0000e+00	0.0000e+00	0.0000e+00	3.7076e+02	4.4441e+01	1.0857e+02
	1407	0.0000e+00	0.0000e+00	0.0000e+00	5.9725e+02	-1.1949e+01	9.8097e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	5.7200e+02	1.4034e+01	4.8456e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	3.7472e+02	5.5624e+01	5.8909e+01
1210	1395	0.0000e+00	0.0000e+00	0.0000e+00	3.9652e+02	-4.5060e+01	1.2182e+02
	1406	0.0000e+00	0.0000e+00	0.0000e+00	6.3250e+02	-3.1272e+01	9.6353e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	6.2016e+02	-1.7569e+01	8.6557e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	3.5718e+02	1.5624e+01	1.1202e+02
1211	1394	0.0000e+00	0.0000e+00	0.0000e+00	4.0319e+02	-1.3234e+02	1.0422e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	6.7877e+02	-4.4167e+01	-9.7178e+00

1406	0.0000e+00	0.0000e+00	0.0000e+00	6.6969e+02	-4.2755e+01	5.8833e+01
1395	0.0000e+00	0.0000e+00	0.0000e+00	3.7213e+02	-8.9228e+01	7.8601e+01
1212	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.0118e+02	-1.8250e+02
	1403	0.0000e+00	0.0000e+00	0.0000e+00	2.6855e+02	-1.3241e+02
	1404	0.0000e+00	0.0000e+00	0.0000e+00	2.7547e+02	-1.8271e+02
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-4.0605e+01	-3.2926e+02
1213	1391	0.0000e+00	0.0000e+00	0.0000e+00	-4.1722e+01	1.0778e+02
	1402	0.0000e+00	0.0000e+00	0.0000e+00	2.1722e+02	3.4195e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	2.1216e+02	-5.9747e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-3.7018e+01	-4.0703e+01
1214	1390	0.0000e+00	0.0000e+00	0.0000e+00	9.4853e+01	1.2029e+02
	1401	0.0000e+00	0.0000e+00	0.0000e+00	2.5059e+02	8.8806e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	2.2576e+02	3.7839e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.1455e+01	1.2746e+02
1215	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.8662e+02	9.3730e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	3.0440e+02	7.9787e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	2.7600e+02	6.5954e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	1.1747e+02	1.1531e+02
1216	1388	0.0000e+00	0.0000e+00	0.0000e+00	2.2371e+02	7.5773e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	3.3363e+02	6.5322e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	3.2002e+02	6.3934e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.9821e+02	8.4680e+01
1217	1387	0.0000e+00	0.0000e+00	0.0000e+00	2.0787e+02	8.2151e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	3.3175e+02	6.0778e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	3.3551e+02	6.4170e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	2.2534e+02	7.4198e+01
1218	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.3788e+02	1.0869e+02
	1397	0.0000e+00	0.0000e+00	0.0000e+00	3.0106e+02	5.8197e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	3.1979e+02	7.4340e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	1.9949e+02	8.8062e+01
1219	1385	0.0000e+00	0.0000e+00	0.0000e+00	2.2248e+01	1.1717e+02
	1396	0.0000e+00	0.0000e+00	0.0000e+00	2.6315e+02	2.5164e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	2.7892e+02	7.8918e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.1832e+02	1.1066e+02
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	8.8040e+00	-5.2836e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	2.5961e+02	-7.6902e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	2.5701e+02	1.9965e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-1.1753e+01	9.4940e+01
1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	1.0431e+01	-3.4025e+02
	1394	0.0000e+00	0.0000e+00	0.0000e+00	3.2708e+02	-2.0334e+02
	1395	0.0000e+00	0.0000e+00	0.0000e+00	3.1671e+02	-1.4954e+02
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-6.4264e+01	-1.9616e+02
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	-7.9633e+02	-2.5539e+02
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.5297e+02	-2.5122e+02
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-1.2788e+02	-4.4512e+02
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-7.5513e+02	-6.5491e+02
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	-2.7611e+02	1.9424e+02
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.8522e+02	1.9475e+02
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-2.7351e+02	-7.7090e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-5.7200e+02	2.9366e+02
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	-2.0774e+01	1.3276e+02
	1390	0.0000e+00	0.0000e+00	0.0000e+00	1.8552e+01	1.4650e+02
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-7.7342e+01	1.0717e+02
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-2.3369e+02	1.7129e+02
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	1.0153e+02	6.7681e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.4433e+02	9.4287e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	7.3161e+01	1.0080e+02
	1379	0.0000e+00	0.0000e+00	0.0000e+00	1.9255e+01	8.8465e+01
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	1.4401e+02	3.7790e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.9191e+02	6.6156e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.6692e+02	7.2478e+01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	1.1875e+02	4.4802e+01
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	1.2610e+02	4.1740e+01

	1387	0.0000e+00	0.0000e+00	0.0000e+00	1.7594e+02	6.9144e+01	-3.9205e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.9338e+02	6.5183e+01	-1.0759e+01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	1.4515e+02	3.6418e+01	-2.8751e+01
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	3.4304e+01	8.0965e+01	-1.1986e+02
	1386	0.0000e+00	0.0000e+00	0.0000e+00	9.2144e+01	9.3214e+01	-5.0063e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	1.5620e+02	8.9031e+01	-3.0123e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	1.1109e+02	6.1917e+01	-9.9916e+01
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	-2.1111e+02	1.5975e+02	-1.5060e+02
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-5.0071e+01	9.5860e+01	-4.0575e+00
	1386	0.0000e+00	0.0000e+00	0.0000e+00	3.9557e+01	1.3717e+02	-2.9081e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	7.3303e+00	1.2285e+02	-1.7571e+02
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	-5.4515e+02	2.7946e+02	2.0660e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-2.4083e+02	-9.0178e+01	2.0722e+02
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-1.5586e+02	1.8225e+02	2.0518e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-2.5216e+02	1.8122e+02	-1.6607e+02
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	-7.2956e+02	-6.6730e+02	4.3988e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-9.7674e+01	-4.5656e+02	1.3255e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-1.2055e+02	-2.6370e+02	1.2187e+02
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-7.6890e+02	-2.6746e+02	1.5265e+02
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	-4.0275e+02	1.1621e+03	1.7885e+03
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.7469e+03	1.5538e+02	2.1149e+02
	1382	0.0000e+00	0.0000e+00	0.0000e+00	5.4401e+01	-1.1352e+03	-3.9443e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	-5.3990e+03	-9.4586e+02	1.1826e+03
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	-3.7747e+01	1.5160e+02	5.4157e+02
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-3.3171e+02	3.2798e+02	1.5797e+02
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.1339e+03	1.9351e+02	3.9093e+02
	674	0.0000e+00	0.0000e+00	0.0000e+00	-1.3880e+01	-9.0034e+01	7.7453e+02
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	1.1018e+02	3.1265e+01	2.8079e+02
	1379	0.0000e+00	0.0000e+00	0.0000e+00	6.5875e+00	1.0294e+02	1.5772e+02
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-1.8875e+02	1.6206e+02	2.9768e+02
	673	0.0000e+00	0.0000e+00	0.0000e+00	5.0476e+01	-4.2541e+01	4.2075e+02
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	1.4898e+02	-2.7531e+01	1.2064e+02
	1378	0.0000e+00	0.0000e+00	0.0000e+00	1.1892e+02	3.6102e+01	7.7098e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	3.6745e+01	7.6014e+01	1.6979e+02
	672	0.0000e+00	0.0000e+00	0.0000e+00	1.4337e+02	-4.3435e+01	2.1333e+02
1236	670	0.0000e+00	0.0000e+00	0.0000e+00	1.6302e+02	-4.9644e+01	1.0905e+01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	1.5284e+02	1.2529e+01	-2.2315e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	1.2949e+02	2.6663e+01	6.8944e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	1.6002e+02	-5.1780e+01	8.1951e+01
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	1.6564e+02	-5.5697e+01	-9.3736e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	1.3630e+02	2.2896e+01	-8.5922e+01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	1.5395e+02	1.1626e+01	-1.4678e+01
	670	0.0000e+00	0.0000e+00	0.0000e+00	1.6378e+02	-5.0911e+01	-2.2484e+01
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	1.5537e+02	-5.2602e+01	-2.2614e+02
	1375	0.0000e+00	0.0000e+00	0.0000e+00	5.1090e+01	6.7560e+01	-1.8770e+02
	1376	0.0000e+00	0.0000e+00	0.0000e+00	1.2793e+02	3.0440e+01	-9.4326e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	1.5611e+02	-3.3953e+01	-1.3277e+02
1239	667	0.0000e+00	0.0000e+00	0.0000e+00	6.8911e+01	-5.6858e+01	-4.3574e+02
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.6743e+02	1.4945e+02	-3.1750e+02
	1375	0.0000e+00	0.0000e+00	0.0000e+00	1.8778e+01	9.2572e+01	-1.7611e+02
	668	0.0000e+00	0.0000e+00	0.0000e+00	1.2362e+02	1.9829e+01	-2.9435e+02
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	1.5084e+01	-1.0876e+02	-7.9363e+02
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.1061e+03	1.7859e+02	-4.1445e+02
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-3.0817e+02	3.1325e+02	-1.7869e+02
	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.9483e+01	1.3522e+02	-5.5788e+02
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	-5.3568e+03	-9.6206e+02	-1.2084e+03
	1372	0.0000e+00	0.0000e+00	0.0000e+00	7.8049e+01	-1.1468e+03	3.6393e+02
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.7167e+03	1.4007e+02	-2.3577e+02
	666	0.0000e+00	0.0000e+00	0.0000e+00	-3.7669e+02	1.1391e+03	-1.8081e+03
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	1.8696e+03	-8.9924e+01	2.1206e+02
	1371	0.0000e+00	0.0000e+00	0.0000e+00	1.5554e+03	-3.5318e+02	9.3879e+02
	30	0.0000e+00	0.0000e+00	0.0000e+00	3.5763e+03	8.8455e+01	6.3254e+02
	1362	0.0000e+00	0.0000e+00	0.0000e+00	1.3213e+03	4.2663e+02	-9.4219e+01

1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	1.2005e+03	-1.6376e+02	1.8664e+02
	1370	0.0000e+00	0.0000e+00	0.0000e+00	1.0149e+03	6.4140e+01	5.4025e+02
	1371	0.0000e+00	0.0000e+00	0.0000e+00	1.3217e+03	-1.2424e+02	6.1285e+02
	1361	0.0000e+00	0.0000e+00	0.0000e+00	1.6102e+03	-4.0145e+01	2.5923e+02
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	8.9769e+02	-3.3626e+01	1.6568e+02
	1369	0.0000e+00	0.0000e+00	0.0000e+00	7.5540e+02	1.5386e+02	3.4141e+02
	1370	0.0000e+00	0.0000e+00	0.0000e+00	8.9988e+02	-4.4537e+01	4.3319e+02
	1360	0.0000e+00	0.0000e+00	0.0000e+00	1.1093e+03	-3.8872e+01	2.5746e+02
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	7.5687e+02	3.6755e+01	1.0078e+02
	1368	0.0000e+00	0.0000e+00	0.0000e+00	6.2576e+02	1.7731e+02	1.8882e+02
	1369	0.0000e+00	0.0000e+00	0.0000e+00	6.9342e+02	5.0078e+01	2.7418e+02
	1359	0.0000e+00	0.0000e+00	0.0000e+00	8.6762e+02	2.2968e+01	1.8614e+02
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	7.0970e+02	6.5781e+01	2.7709e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	5.7633e+02	1.6147e+02	5.6130e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	5.9790e+02	1.2305e+02	1.3643e+02
	1358	0.0000e+00	0.0000e+00	0.0000e+00	7.4572e+02	6.0605e+01	1.0801e+02
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	7.3878e+02	5.9243e+01	-4.7999e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	5.9347e+02	1.1483e+02	-7.2065e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	5.7569e+02	1.6712e+02	7.7425e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	7.0779e+02	6.5527e+01	3.1809e+01
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	8.5114e+02	2.0640e+01	-1.2468e+02
	1365	0.0000e+00	0.0000e+00	0.0000e+00	6.8375e+02	4.1842e+01	-2.0792e+02
	1366	0.0000e+00	0.0000e+00	0.0000e+00	6.1991e+02	1.7884e+02	-1.2404e+02
	1356	0.0000e+00	0.0000e+00	0.0000e+00	7.4629e+02	3.5096e+01	-4.0797e+01
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.0821e+03	-4.0093e+01	-1.9367e+02
	1364	0.0000e+00	0.0000e+00	0.0000e+00	8.8434e+02	-4.9448e+01	-3.6363e+02
	1365	0.0000e+00	0.0000e+00	0.0000e+00	7.4384e+02	1.5066e+02	-2.7429e+02
	1355	0.0000e+00	0.0000e+00	0.0000e+00	8.7815e+02	-3.5206e+01	-1.0433e+02
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	1.5701e+03	-3.8247e+01	-1.9256e+02
	1363	0.0000e+00	0.0000e+00	0.0000e+00	1.2992e+03	-1.2076e+02	-5.3879e+02
	1364	0.0000e+00	0.0000e+00	0.0000e+00	9.9664e+02	5.6388e+01	-4.6938e+02
	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.1711e+03	-1.6342e+02	-1.2315e+02
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	1.2961e+03	4.4891e+02	1.6861e+02
	29	0.0000e+00	0.0000e+00	0.0000e+00	3.5194e+03	1.0915e+02	-5.4994e+02
	1363	0.0000e+00	0.0000e+00	0.0000e+00	1.5278e+03	-3.6253e+02	-8.6037e+02
	1353	0.0000e+00	0.0000e+00	0.0000e+00	1.8317e+03	-9.3262e+01	-1.4183e+02
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	1.1000e+03	8.3518e+01	-9.7597e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	1.4805e+03	8.1262e+01	2.4281e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	1.5245e+03	2.2931e+02	5.7230e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	1.1233e+03	1.6140e+02	2.4022e+01
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	1.0450e+03	-7.7474e+01	1.4391e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	1.1583e+03	-8.4920e+01	1.5645e+02
	1361	0.0000e+00	0.0000e+00	0.0000e+00	1.3662e+03	-1.1060e+02	7.8552e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	1.1256e+03	3.5936e+01	-6.4046e+01
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	8.9412e+02	-4.3487e+01	3.2828e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	9.3153e+02	-3.7353e+01	1.6146e+02
	1360	0.0000e+00	0.0000e+00	0.0000e+00	1.1069e+03	-5.7205e+01	1.4694e+02
	1349	0.0000e+00	0.0000e+00	0.0000e+00	9.7957e+02	-2.2276e+01	1.8506e+01
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	7.8573e+02	5.6380e+00	3.1975e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	8.0141e+02	2.1622e+01	1.0808e+02
	1359	0.0000e+00	0.0000e+00	0.0000e+00	8.9381e+02	1.0605e+01	1.2348e+02
	1348	0.0000e+00	0.0000e+00	0.0000e+00	8.4757e+02	4.6387e+00	4.7388e+01
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	7.3982e+02	2.4939e+01	1.9185e+01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	7.5122e+02	4.9773e+01	4.6025e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	7.8227e+02	4.6541e+01	7.0820e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	7.6316e+02	2.2902e+01	4.3984e+01
1257	1345	0.0000e+00	0.0000e+00	0.0000e+00	7.5317e+02	2.1571e+01	5.0248e+00
	1356	0.0000e+00	0.0000e+00	0.0000e+00	7.7373e+02	4.4674e+01	-1.4570e+01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	7.4949e+02	5.0122e+01	9.8988e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	7.3824e+02	2.5481e+01	2.9227e+01
1258	1344	0.0000e+00	0.0000e+00	0.0000e+00	8.2556e+02	4.6167e+00	-3.6235e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	8.7450e+02	7.9233e+00	-6.5742e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	7.8938e+02	2.0730e+01	-5.1433e+01



	1345	0.0000e+00	0.0000e+00	0.0000e+00	7.7245e+02	5.1533e+00	1.6882e+01
1259	1343	0.0000e+00	0.0000e+00	0.0000e+00	9.4445e+02	-2.2066e+01	3.3304e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.0756e+03	-5.9275e+01	-8.6827e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	9.0864e+02	-3.7785e+01	-1.0297e+02
	1344	0.0000e+00	0.0000e+00	0.0000e+00	8.6850e+02	-4.3008e+01	1.7134e+01
1260	1342	0.0000e+00	0.0000e+00	0.0000e+00	1.0734e+03	4.0813e+01	1.1702e+02
	1353	0.0000e+00	0.0000e+00	0.0000e+00	1.3224e+03	-1.0982e+02	-1.5300e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.1231e+03	-8.3071e+01	-9.5329e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	1.0057e+03	-7.4525e+01	3.6610e+01
1261	1341	0.0000e+00	0.0000e+00	0.0000e+00	1.0500e+03	1.7186e+02	2.5649e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	1.4487e+03	2.4298e+02	1.2536e+01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	1.4312e+03	8.9202e+01	4.6065e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	1.0408e+03	9.4060e+01	5.9180e+01
1262	1339	0.0000e+00	0.0000e+00	0.0000e+00	7.3727e+02	1.0391e+01	-5.1175e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	1.0350e+03	4.6689e+01	-3.7155e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	1.0406e+03	9.2568e+01	1.9136e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	7.6030e+02	1.8593e+01	5.0938e+00
1263	1338	0.0000e+00	0.0000e+00	0.0000e+00	7.1472e+02	-9.6985e+00	-7.7613e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	9.4871e+02	-4.2444e+01	-3.7789e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	9.8822e+02	-2.2613e+00	-5.7108e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	7.5614e+02	4.7941e+00	-9.6973e+01
1264	1337	0.0000e+00	0.0000e+00	0.0000e+00	6.6921e+02	2.9601e+00	-4.8633e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	8.2966e+02	-2.4370e+01	1.1380e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	9.1295e+02	-4.5639e+01	-3.0169e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	7.0694e+02	1.0518e+01	-8.9773e+01
1265	1336	0.0000e+00	0.0000e+00	0.0000e+00	6.2697e+02	2.2041e+01	-1.2097e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	7.4623e+02	7.9961e+00	2.9939e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	8.0609e+02	-1.8298e+01	2.0548e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	6.5217e+02	2.6423e+01	-4.2260e+01
1266	1335	0.0000e+00	0.0000e+00	0.0000e+00	6.0494e+02	3.4397e+01	1.5313e+01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	7.1150e+02	2.0553e+01	3.1956e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	7.3457e+02	1.2784e+01	1.2262e+01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	6.1559e+02	3.6458e+01	-4.4679e+00
1267	1334	0.0000e+00	0.0000e+00	0.0000e+00	6.0590e+02	3.5410e+01	4.1619e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	7.2455e+02	1.1453e+01	3.2980e+01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	7.0968e+02	2.1280e+01	1.3091e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	6.0325e+02	3.5166e+01	2.1733e+01
1268	1333	0.0000e+00	0.0000e+00	0.0000e+00	6.3091e+02	2.5422e+01	7.9805e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	7.8377e+02	-1.9296e+01	4.6142e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	7.3254e+02	7.9519e+00	1.5697e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	6.1384e+02	2.2619e+01	4.9324e+01
1269	1332	0.0000e+00	0.0000e+00	0.0000e+00	6.7355e+02	1.0422e+01	1.2728e+02
	1343	0.0000e+00	0.0000e+00	0.0000e+00	8.7717e+02	-4.5246e+01	7.6579e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	8.0362e+02	-2.3536e+01	3.5461e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	6.4427e+02	2.9002e+00	8.6125e+01
1270	1331	0.0000e+00	0.0000e+00	0.0000e+00	7.0959e+02	7.0031e+00	1.3241e+02
	1342	0.0000e+00	0.0000e+00	0.0000e+00	9.3644e+02	5.4545e+00	1.0292e+02
	1343	0.0000e+00	0.0000e+00	0.0000e+00	9.0915e+02	-3.9586e+01	8.5151e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	6.7704e+02	-6.8791e+00	1.1463e+02
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	7.0110e+02	2.3382e+01	2.5101e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	9.6931e+02	1.0459e+02	2.2517e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	9.7912e+02	5.4191e+01	8.3220e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	6.8600e+02	1.6235e+01	8.5810e+01
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	3.7794e+02	-8.6759e+01	-8.2540e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	6.7604e+02	-3.9818e+01	-6.3857e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	6.8400e+02	-4.1864e+01	5.0520e+00
	1329	0.0000e+00	0.0000e+00	0.0000e+00	4.0788e+02	-1.3045e+02	-1.3815e+01
1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	3.6468e+02	1.8314e+01	-1.1676e+02
	1338	0.0000e+00	0.0000e+00	0.0000e+00	6.2840e+02	-1.4261e+01	-9.2533e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	6.3945e+02	-2.8391e+01	-1.0175e+02
	1328	0.0000e+00	0.0000e+00	0.0000e+00	4.0279e+02	-4.2742e+01	-1.2598e+02
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	3.8412e+02	5.8144e+01	-6.4555e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	5.8236e+02	1.7162e+01	-5.5495e+01

	1338	0.0000e+00	0.0000e+00	0.0000e+00	6.0611e+02	-8.8824e+00	-1.0451e+02
	1327	0.0000e+00	0.0000e+00	0.0000e+00	3.7880e+02	4.6845e+01	-1.1358e+02
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	4.0409e+02	6.3548e+01	-1.5061e+01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	5.5616e+02	3.3470e+01	-1.3117e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	5.7652e+02	1.4467e+01	-5.7957e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	3.8774e+02	7.2487e+01	-5.9919e+01
1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	4.0825e+02	6.3439e+01	1.5922e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	5.4589e+02	3.6202e+01	1.8308e+01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	5.5551e+02	3.0257e+01	-1.5271e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	4.0347e+02	6.8914e+01	-1.7654e+01
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	3.9524e+02	6.8165e+01	4.4281e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	5.4611e+02	2.9627e+01	4.9064e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	5.4422e+02	3.6733e+01	1.5433e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	4.0681e+02	6.4238e+01	1.0649e+01
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	3.7002e+02	7.1768e+01	8.6771e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	5.5591e+02	1.4018e+01	9.1965e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	5.4347e+02	3.3923e+01	4.7103e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	3.9295e+02	6.4433e+01	4.1905e+01
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	3.5211e+02	4.6009e+01	1.4017e+02
	1332	0.0000e+00	0.0000e+00	0.0000e+00	5.7397e+02	-8.1267e+00	1.3819e+02
	1333	0.0000e+00	0.0000e+00	0.0000e+00	5.5860e+02	1.7848e+01	8.9802e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	3.6340e+02	5.9193e+01	9.1775e+01
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	3.6755e+02	-4.3727e+01	1.5066e+02
	1331	0.0000e+00	0.0000e+00	0.0000e+00	5.9572e+02	-2.6004e+01	1.3340e+02
	1332	0.0000e+00	0.0000e+00	0.0000e+00	5.9335e+02	-1.2542e+01	1.2628e+02
	1321	0.0000e+00	0.0000e+00	0.0000e+00	3.3490e+02	1.9412e+01	1.4353e+02
1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	3.6951e+02	-1.3268e+02	3.4147e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	6.2610e+02	-3.7221e+01	2.1298e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	6.2974e+02	-3.6169e+01	9.5098e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	3.3979e+02	-8.6035e+01	1.0795e+02
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	-5.9582e+01	-1.9432e+02	-1.2820e+02
	1328	0.0000e+00	0.0000e+00	0.0000e+00	3.2229e+02	-1.4738e+02	-9.4674e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	3.3167e+02	-2.0160e+02	-1.5541e+00
	1318	0.0000e+00	0.0000e+00	0.0000e+00	9.7680e+00	-3.3886e+02	-3.4889e+01
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	8.4593e+00	9.6847e+01	-9.9565e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	2.6425e+02	2.2286e+01	-9.5414e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	2.6571e+02	-7.4803e+01	-1.4515e+02
	1317	0.0000e+00	0.0000e+00	0.0000e+00	1.0020e+01	-5.1174e+01	-1.4931e+02
1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	1.2601e+02	1.1231e+02	4.8160e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	2.8800e+02	8.1009e+01	-5.2171e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	2.7093e+02	2.7303e+01	-1.1438e+02
	1316	0.0000e+00	0.0000e+00	0.0000e+00	2.8555e+01	1.1879e+02	-5.7398e+01
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	2.0887e+02	8.8998e+01	2.6781e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	3.3088e+02	7.5670e+01	-1.4246e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	3.1068e+02	5.9962e+01	-4.6315e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	1.4604e+02	1.0990e+02	-5.2984e+00
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	2.3652e+02	7.3827e+01	2.0753e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	3.4879e+02	6.4048e+01	8.8153e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	3.4338e+02	6.1599e+01	-6.7477e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	2.1776e+02	8.2465e+01	5.1940e+00
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	2.1128e+02	8.2252e+01	1.2904e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	3.3561e+02	6.1466e+01	3.0642e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	3.4740e+02	6.4455e+01	1.4965e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	2.3543e+02	7.4552e+01	-2.8049e+00
1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.3234e+02	1.1000e+02	2.4035e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	2.9402e+02	6.0083e+01	7.0616e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	3.2042e+02	7.6300e+01	3.8283e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	2.0023e+02	9.0189e+01	-8.3365e+00
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	1.1078e+01	1.1850e+02	7.7099e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	2.4598e+02	2.7481e+01	1.3885e+02
	1322	0.0000e+00	0.0000e+00	0.0000e+00	2.6889e+02	8.1697e+01	7.6581e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.1028e+02	1.1361e+02	1.4834e+01
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	-2.0846e+01	-5.3871e+01	1.6874e+02

	1320	0.0000e+00	0.0000e+00	0.0000e+00	2.3410e+02	-7.4758e+01	1.6796e+02
	1321	0.0000e+00	0.0000e+00	0.0000e+00	2.3768e+02	2.2302e+01	1.1965e+02
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-2.5386e+01	9.6767e+01	1.2043e+02
1291	1308	0.0000e+00	0.0000e+00	0.0000e+00	-2.4535e+01	-3.4421e+02	5.3791e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	2.9324e+02	-2.0336e+02	2.1873e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	2.8868e+02	-1.4727e+02	1.1713e+02
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-8.3282e+01	-1.9446e+02	1.4906e+02
1292	1306	0.0000e+00	0.0000e+00	0.0000e+00	-7.6534e+02	-2.6603e+02	-1.5398e+02
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.1614e+02	-2.6214e+02	-1.2390e+02
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-9.4048e+01	-4.5528e+02	-1.5030e+01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-7.2665e+02	-6.6632e+02	-4.5098e+01
1293	1305	0.0000e+00	0.0000e+00	0.0000e+00	-2.4757e+02	1.8247e+02	1.6426e+02
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-1.5010e+02	1.8380e+02	-2.3149e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-2.3597e+02	-8.8693e+01	-2.0953e+02
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-5.4134e+02	2.8057e+02	-2.2142e+01
1294	1304	0.0000e+00	0.0000e+00	0.0000e+00	8.0465e+00	1.2375e+02	1.7326e+02
	1315	0.0000e+00	0.0000e+00	0.0000e+00	4.6727e+01	1.3840e+02	2.5689e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-4.3974e+01	9.7257e+01	9.7990e-01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-2.0622e+02	1.6070e+02	1.4854e+02
1295	1303	0.0000e+00	0.0000e+00	0.0000e+00	1.1806e+02	6.2125e+01	9.6802e+01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	1.6502e+02	8.9523e+01	2.5976e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	9.9794e+01	9.4181e+01	4.6300e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	4.0313e+01	8.1481e+01	1.1713e+02
1296	1302	0.0000e+00	0.0000e+00	0.0000e+00	1.5346e+02	3.5453e+01	2.5038e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	2.0388e+02	6.4378e+01	5.8980e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	1.8517e+02	6.9223e+01	3.4672e+01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	1.3343e+02	4.1432e+01	5.3815e+01
1297	1301	0.0000e+00	0.0000e+00	0.0000e+00	1.2845e+02	4.2016e+01	-4.2292e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	1.7916e+02	6.9660e+01	-1.8650e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	2.0278e+02	6.4745e+01	9.9108e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	1.5269e+02	3.6124e+01	-1.3747e+01
1298	1300	0.0000e+00	0.0000e+00	0.0000e+00	2.9921e+01	8.3190e+01	-1.0445e+02
	1311	0.0000e+00	0.0000e+00	0.0000e+00	8.7075e+01	9.5191e+01	-2.9328e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	1.5684e+02	9.0650e+01	-9.7539e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	1.1159e+02	6.4005e+01	-8.4863e+01
1299	1299	0.0000e+00	0.0000e+00	0.0000e+00	-2.2135e+02	1.6311e+02	-1.3345e+02
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-6.2724e+01	9.8013e+01	1.7754e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	3.2155e+01	1.4004e+02	-8.3670e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-1.1176e+01	1.2645e+02	-1.5954e+02
1300	1298	0.0000e+00	0.0000e+00	0.0000e+00	-5.6572e+02	2.8124e+02	4.0644e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-2.5360e+02	-9.0232e+01	2.3059e+02
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-1.7044e+02	1.8358e+02	4.1620e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-2.6407e+02	1.8517e+02	-1.4833e+02
1301	1297	0.0000e+00	0.0000e+00	0.0000e+00	-7.1714e+02	-6.7013e+02	7.9849e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-1.1403e+02	-4.5498e+02	3.6228e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-1.3418e+02	-2.6480e+02	1.4215e+02
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-7.8529e+02	-2.5874e+02	1.8577e+02
1302	557	0.0000e+00	0.0000e+00	0.0000e+00	-3.7424e+02	1.1397e+03	1.8076e+03
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-1.7134e+03	1.4128e+02	2.3474e+02
	1307	0.0000e+00	0.0000e+00	0.0000e+00	8.0485e+01	-1.1458e+03	-3.6493e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	-5.3544e+03	-9.6054e+02	1.2079e+03
1303	556	0.0000e+00	0.0000e+00	0.0000e+00	-1.7215e+01	1.3586e+02	5.5690e+02
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-3.0397e+02	3.1412e+02	1.7720e+02
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-1.1025e+03	1.7960e+02	4.1322e+02
	557	0.0000e+00	0.0000e+00	0.0000e+00	1.7426e+01	-1.0807e+02	7.9292e+02
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	1.2734e+02	2.0122e+01	2.9286e+02
	1304	0.0000e+00	0.0000e+00	0.0000e+00	2.3810e+01	9.3083e+01	1.7399e+02
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-1.6297e+02	1.5022e+02	3.1569e+02
	556	0.0000e+00	0.0000e+00	0.0000e+00	7.2117e+01	-5.6452e+01	4.3455e+02
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	1.6066e+02	-3.4454e+01	1.3073e+02
	1303	0.0000e+00	0.0000e+00	0.0000e+00	1.3430e+02	3.0270e+01	9.1563e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	5.6604e+01	6.7862e+01	1.8523e+02
	555	0.0000e+00	0.0000e+00	0.0000e+00	1.5930e+02	-5.2699e+01	2.2440e+02

1306	553	0.0000e+00	0.0000e+00	0.0000e+00	1.6930e+02	-5.2551e+01	1.9937e+01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	1.6156e+02	1.0463e+01	1.1300e+01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	1.4295e+02	2.2401e+01	8.2799e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	1.7042e+02	-5.6638e+01	9.1437e+01
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	1.6664e+02	-5.5099e+01	-8.4903e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	1.3839e+02	2.3574e+01	-7.2805e+01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	1.6071e+02	1.0839e+01	-1.6131e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	1.6879e+02	-5.1881e+01	-1.3692e+01
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	1.5111e+02	-4.9038e+01	-2.1658e+02
	1300	0.0000e+00	0.0000e+00	0.0000e+00	4.6905e+01	7.0488e+01	-1.7398e+02
	1301	0.0000e+00	0.0000e+00	0.0000e+00	1.2804e+02	3.2246e+01	-8.1245e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	1.5587e+02	-3.1580e+01	-1.2385e+02
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	6.0491e+01	-5.0929e+01	-4.2421e+02
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.7885e+02	1.5364e+02	-3.0194e+02
	1300	0.0000e+00	0.0000e+00	0.0000e+00	1.3329e+01	9.6697e+01	-1.6191e+02
	551	0.0000e+00	0.0000e+00	0.0000e+00	1.1821e+02	2.4883e+01	-2.8418e+02
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.6015e+01	-1.0276e+02	-7.7894e+02
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-1.1140e+03	1.8213e+02	-3.9495e+02
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-3.2171e+02	3.1698e+02	-1.6311e+02
	550	0.0000e+00	0.0000e+00	0.0000e+00	-2.9163e+01	1.4419e+02	-5.4710e+02
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	-5.2438e+03	-9.4529e+02	-1.1768e+03
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-5.9968e+01	-1.1610e+03	3.9015e+02
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-1.7303e+03	1.7252e+02	-2.0361e+02
	549	0.0000e+00	0.0000e+00	0.0000e+00	-3.9755e+02	1.1288e+03	-1.7706e+03
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	1.8316e+03	-9.3176e+01	1.4184e+02
	1296	0.0000e+00	0.0000e+00	0.0000e+00	1.5278e+03	-3.6252e+02	8.6037e+02
	27	0.0000e+00	0.0000e+00	0.0000e+00	3.5194e+03	1.0922e+02	5.4997e+02
	1287	0.0000e+00	0.0000e+00	0.0000e+00	1.2960e+03	4.4894e+02	-1.6856e+02
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.1711e+03	-1.6336e+02	1.2315e+02
	1295	0.0000e+00	0.0000e+00	0.0000e+00	9.9666e+02	5.6355e+01	4.6938e+02
	1296	0.0000e+00	0.0000e+00	0.0000e+00	1.2992e+03	-1.2062e+02	5.3879e+02
	1286	0.0000e+00	0.0000e+00	0.0000e+00	1.5701e+03	-3.8182e+01	1.9256e+02
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	8.7816e+02	-3.5158e+01	1.0433e+02
	1294	0.0000e+00	0.0000e+00	0.0000e+00	7.4384e+02	1.5064e+02	2.7428e+02
	1295	0.0000e+00	0.0000e+00	0.0000e+00	8.8436e+02	-4.9352e+01	3.6362e+02
	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.0821e+03	-4.0042e+01	1.9366e+02
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	7.4629e+02	3.5092e+01	4.0797e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	6.1991e+02	1.7881e+02	1.2403e+02
	1294	0.0000e+00	0.0000e+00	0.0000e+00	6.8376e+02	4.1908e+01	2.0792e+02
	1284	0.0000e+00	0.0000e+00	0.0000e+00	8.5113e+02	2.0646e+01	1.2467e+02
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	7.0779e+02	6.5511e+01	-3.1815e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	5.7569e+02	1.6707e+02	-7.7522e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	5.9348e+02	1.1488e+02	7.2061e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	7.3877e+02	5.9239e+01	4.7999e+01
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	7.4572e+02	6.0567e+01	-1.0801e+02
	1291	0.0000e+00	0.0000e+00	0.0000e+00	5.9789e+02	1.2299e+02	-1.3643e+02
	1292	0.0000e+00	0.0000e+00	0.0000e+00	5.7633e+02	1.6149e+02	-5.6136e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	7.0969e+02	6.5756e+01	-2.7713e+01
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	8.6763e+02	2.2888e+01	-1.8614e+02
	1290	0.0000e+00	0.0000e+00	0.0000e+00	6.9340e+02	4.9994e+01	-2.7419e+02
	1291	0.0000e+00	0.0000e+00	0.0000e+00	6.2576e+02	1.7731e+02	-1.8882e+02
	1281	0.0000e+00	0.0000e+00	0.0000e+00	7.5686e+02	3.6697e+01	-1.0078e+02
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.1093e+03	-3.8918e+01	-2.5746e+02
	1289	0.0000e+00	0.0000e+00	0.0000e+00	8.9985e+02	-4.4653e+01	-4.3319e+02
	1290	0.0000e+00	0.0000e+00	0.0000e+00	7.5538e+02	1.5384e+02	-3.4141e+02
	1280	0.0000e+00	0.0000e+00	0.0000e+00	8.9768e+02	-3.3644e+01	-1.6568e+02
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.6102e+03	-4.0223e+01	-2.5922e+02
	1288	0.0000e+00	0.0000e+00	0.0000e+00	1.3216e+03	-1.2438e+02	-6.1284e+02
	1289	0.0000e+00	0.0000e+00	0.0000e+00	1.0148e+03	6.4068e+01	-5.4025e+02
	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.2005e+03	-1.6382e+02	-1.8663e+02
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	1.3214e+03	4.2659e+02	9.4257e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	3.5763e+03	8.8218e+01	-6.3250e+02
	1288	0.0000e+00	0.0000e+00	0.0000e+00	1.5553e+03	-3.5318e+02	-9.3878e+02

	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.8696e+03	-9.0019e+01	-2.1204e+02
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.0408e+03	9.4099e+01	-5.9187e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	1.4312e+03	8.9261e+01	-4.6063e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	1.4487e+03	2.4300e+02	-1.2529e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	1.0500e+03	1.7187e+02	-2.5644e+01
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	1.0057e+03	-7.4473e+01	-3.6628e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.1231e+03	-8.3012e+01	9.5323e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	1.3223e+03	-1.0976e+02	1.5323e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	1.0734e+03	4.0857e+01	-1.1703e+02
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	8.6848e+02	-4.2964e+01	-1.7164e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	9.0863e+02	-3.7736e+01	1.0296e+02
	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.0756e+03	-5.9229e+01	8.6820e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	9.4443e+02	-2.2017e+01	-3.3325e+01
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	7.7244e+02	5.0512e+00	-1.6905e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	7.8937e+02	2.0720e+01	5.1429e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	8.7450e+02	7.8709e+00	6.5737e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	8.2555e+02	4.5375e+00	3.7319e+00
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	7.3823e+02	2.5452e+01	-2.9235e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	7.4949e+02	5.0106e+01	-9.9172e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	7.7372e+02	4.4662e+01	1.4582e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	7.5316e+02	2.1560e+01	-5.0852e+00
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	7.6317e+02	2.2851e+01	-4.3983e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	7.8227e+02	4.6502e+01	-7.0825e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	7.5122e+02	4.9741e+01	-4.6034e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	7.3982e+02	2.4905e+01	-1.9192e+01
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	8.4758e+02	4.5429e+00	-4.7378e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	8.9382e+02	1.0479e+01	-1.2348e+02
	1281	0.0000e+00	0.0000e+00	0.0000e+00	8.0141e+02	2.1546e+01	-1.0809e+02
	1270	0.0000e+00	0.0000e+00	0.0000e+00	7.8573e+02	5.5056e+00	-3.1970e+01
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	9.7958e+02	-2.2325e+01	-1.8438e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.1069e+03	-5.7245e+01	-1.4694e+02
	1280	0.0000e+00	0.0000e+00	0.0000e+00	9.3154e+02	-3.7385e+01	-1.6146e+02
	1269	0.0000e+00	0.0000e+00	0.0000e+00	8.9413e+02	-4.3521e+01	-3.2809e+01
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	1.1256e+03	3.5880e+01	6.4019e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.3663e+03	-1.1067e+02	-7.8524e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	1.1583e+03	-8.4988e+01	-1.5644e+02
	1268	0.0000e+00	0.0000e+00	0.0000e+00	1.0450e+03	-7.7532e+01	-1.4304e+01
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	1.1233e+03	1.6136e+02	-2.3978e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	1.5245e+03	2.2927e+02	-5.7184e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	1.4805e+03	8.1182e+01	-2.4181e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	1.1000e+03	8.3462e+01	9.6092e+00
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	6.8598e+02	1.6257e+01	-8.5822e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	9.7910e+02	5.4223e+01	-8.3221e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	9.6930e+02	1.0460e+02	-2.2518e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	7.0109e+02	2.3381e+01	-2.5112e+01
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	6.7701e+02	-6.8279e+00	-1.1464e+02
	1274	0.0000e+00	0.0000e+00	0.0000e+00	9.0913e+02	-3.9537e+01	-8.5159e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	9.3642e+02	5.4615e+00	-1.0293e+02
	1264	0.0000e+00	0.0000e+00	0.0000e+00	7.0956e+02	7.0257e+00	-1.3242e+02
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	6.4425e+02	2.9085e+00	-8.6128e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	8.0360e+02	-2.3490e+01	-3.5477e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	8.7715e+02	-4.5198e+01	-7.6591e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	6.7353e+02	1.0471e+01	-1.2729e+02
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	6.1383e+02	2.2632e+01	-4.9325e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	7.3253e+02	7.9149e+00	-1.5720e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	7.8375e+02	-1.9250e+01	-4.6155e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	6.3089e+02	2.5454e+01	-7.9807e+01
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	6.0325e+02	3.5158e+01	-2.1732e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	7.0967e+02	2.1253e+01	-1.3103e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	7.2454e+02	1.1425e+01	-3.2991e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	6.0589e+02	3.5419e+01	-4.1621e+01
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	6.1560e+02	3.6430e+01	4.4437e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	7.3458e+02	1.2717e+01	-1.2250e+01

	1271	0.0000e+00	0.0000e+00	0.0000e+00	7.1150e+02	2.0519e+01	-3.1960e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	6.0494e+02	3.4382e+01	-1.5312e+01
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	6.5219e+02	2.6377e+01	4.2254e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	8.0610e+02	-1.8310e+01	-1.7322e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	7.4624e+02	7.9086e+00	-2.9931e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	6.2698e+02	2.2003e+01	1.2087e+01
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	7.0696e+02	1.0462e+01	8.9766e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	9.1297e+02	-4.5689e+01	3.0128e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	8.2967e+02	-2.4401e+01	-1.1314e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	6.6923e+02	2.9067e+00	4.8626e+01
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	7.5616e+02	4.7385e+00	9.6964e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	9.8824e+02	-2.2932e+00	5.7083e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	9.4873e+02	-4.2499e+01	3.7753e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	7.1474e+02	-9.7553e+00	7.7602e+01
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	7.6030e+02	1.8564e+01	-5.0294e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	1.0406e+03	9.2536e+01	-1.9089e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	1.0351e+03	4.6638e+01	3.7131e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	7.3728e+02	1.0333e+01	5.1156e+01
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	3.3976e+02	-8.5985e+01	-1.0798e+02
	1264	0.0000e+00	0.0000e+00	0.0000e+00	6.2972e+02	-3.6126e+01	-9.5108e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	6.2609e+02	-3.7196e+01	-2.1316e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	3.6950e+02	-1.3266e+02	-3.4178e+01
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	3.3487e+02	1.9472e+01	-1.4354e+02
	1263	0.0000e+00	0.0000e+00	0.0000e+00	5.9332e+02	-1.2488e+01	-1.2628e+02
	1264	0.0000e+00	0.0000e+00	0.0000e+00	5.9569e+02	-2.5955e+01	-1.3342e+02
	1253	0.0000e+00	0.0000e+00	0.0000e+00	3.6752e+02	-4.3669e+01	-1.5068e+02
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	3.6338e+02	5.9240e+01	-9.1767e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	5.5858e+02	1.7890e+01	-8.9803e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	5.7394e+02	-8.0765e+00	-1.3820e+02
	1252	0.0000e+00	0.0000e+00	0.0000e+00	3.5208e+02	4.6066e+01	-1.4017e+02
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	3.9294e+02	6.4458e+01	-4.1895e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	5.4345e+02	3.3942e+01	-4.7102e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	5.5589e+02	1.4048e+01	-9.1965e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	3.7000e+02	7.1808e+01	-8.6761e+01
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	4.0680e+02	6.4240e+01	-1.0641e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	5.4422e+02	3.6730e+01	-1.5433e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	5.4610e+02	2.9637e+01	-4.9062e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	3.9523e+02	6.8182e+01	-4.4270e+01
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	4.0348e+02	6.8895e+01	1.7666e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	5.5551e+02	3.0231e+01	1.5273e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	5.4589e+02	3.6191e+01	-1.8303e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	4.0825e+02	6.3434e+01	-1.5910e+01
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	3.8776e+02	7.2446e+01	5.9931e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.7654e+02	1.4420e+01	5.7958e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	5.5617e+02	3.3438e+01	1.3109e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	4.0410e+02	6.3521e+01	1.5072e+01
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	3.7882e+02	4.6784e+01	1.1358e+02
	1257	0.0000e+00	0.0000e+00	0.0000e+00	6.0614e+02	-8.9357e+00	1.0450e+02
	1258	0.0000e+00	0.0000e+00	0.0000e+00	5.8238e+02	1.7112e+01	5.5492e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	3.8413e+02	5.8095e+01	6.4565e+01
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	4.0281e+02	-4.2805e+01	1.2597e+02
	1256	0.0000e+00	0.0000e+00	0.0000e+00	6.3947e+02	-2.8444e+01	1.0173e+02
	1257	0.0000e+00	0.0000e+00	0.0000e+00	6.2843e+02	-1.4319e+01	9.2528e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	3.6470e+02	1.8249e+01	1.1676e+02
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	4.0787e+02	-1.3048e+02	1.3781e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	6.8401e+02	-4.1891e+01	-4.9873e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	6.7606e+02	-3.9862e+01	6.3844e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	3.7795e+02	-8.6814e+01	8.2517e+01
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	-8.3301e+01	-1.9438e+02	-1.4910e+02
	1253	0.0000e+00	0.0000e+00	0.0000e+00	2.8865e+02	-1.4722e+02	-1.1715e+02
	1254	0.0000e+00	0.0000e+00	0.0000e+00	2.9322e+02	-2.0334e+02	-2.1916e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-2.4498e+01	-3.4418e+02	-5.3853e+01
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	-2.5372e+01	9.6845e+01	-1.2042e+02

	1252	0.0000e+00	0.0000e+00	0.0000e+00	2.3765e+02	2.2369e+01	-1.1965e+02
	1253	0.0000e+00	0.0000e+00	0.0000e+00	2.3407e+02	-7.4696e+01	-1.6798e+02
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-2.0832e+01	-5.3777e+01	-1.6875e+02
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.1027e+02	1.1366e+02	-1.4817e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	2.6887e+02	8.1747e+01	-7.6571e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	2.4595e+02	2.7542e+01	-1.3885e+02
	1241	0.0000e+00	0.0000e+00	0.0000e+00	1.0995e+01	1.1857e+02	-7.7085e+01
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	2.0023e+02	9.0216e+01	8.3633e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	3.2041e+02	7.6325e+01	-3.8272e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	2.9400e+02	6.0124e+01	-7.0604e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.3233e+02	1.1004e+02	-2.4018e+01
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	2.3543e+02	7.4557e+01	2.8366e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	3.4740e+02	6.4457e+01	-1.4955e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	3.3561e+02	6.1485e+01	-3.0630e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	2.1128e+02	8.2270e+01	-1.2890e+01
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	2.1775e+02	8.2450e+01	-5.1743e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	3.4338e+02	6.1579e+01	6.7626e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	3.4878e+02	6.4045e+01	-8.8034e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	2.3652e+02	7.3824e+01	-2.0735e+01
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.4604e+02	1.0986e+02	5.3185e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	3.1069e+02	5.9920e+01	4.6331e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	3.3089e+02	7.5645e+01	1.4258e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	2.0887e+02	8.8975e+01	-2.6758e+01
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	2.8493e+01	1.1871e+02	5.7418e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	2.7094e+02	2.7240e+01	1.1438e+02
	1247	0.0000e+00	0.0000e+00	0.0000e+00	2.8801e+02	8.0958e+01	5.2183e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.2600e+02	1.1226e+02	-4.7878e+00
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	9.6823e+00	-5.1273e+01	1.4930e+02
	1245	0.0000e+00	0.0000e+00	0.0000e+00	2.6573e+02	-7.4871e+01	1.4514e+02
	1246	0.0000e+00	0.0000e+00	0.0000e+00	2.6427e+02	2.2213e+01	9.5418e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	8.1394e+00	9.6764e+01	9.9577e+01
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	9.2772e+00	-3.3891e+02	3.4832e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	3.3167e+02	-2.0164e+02	1.4212e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	3.2231e+02	-1.4744e+02	9.4658e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-5.9489e+01	-1.9441e+02	1.2817e+02
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-7.8531e+02	-2.5851e+02	-1.8582e+02
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.3423e+02	-2.6469e+02	-1.4216e+02
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-1.1405e+02	-4.5492e+02	-3.6309e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-7.1711e+02	-6.7008e+02	-7.9963e+01
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	-2.6404e+02	1.8527e+02	1.4837e+02
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.7046e+02	1.8367e+02	-4.1609e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-2.5363e+02	-9.0132e+01	-2.3060e+02
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-5.6576e+02	2.8138e+02	-4.0627e+01
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	-1.1102e+01	1.2650e+02	1.5957e+02
	1240	0.0000e+00	0.0000e+00	0.0000e+00	3.2134e+01	1.4009e+02	8.3915e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-6.2724e+01	9.8090e+01	-1.7733e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-2.2133e+02	1.6318e+02	1.3348e+02
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	1.1160e+02	6.4028e+01	8.4879e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.5684e+02	9.0674e+01	9.7770e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	8.7067e+01	9.5236e+01	2.9352e+01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	2.9915e+01	8.3226e+01	1.0447e+02
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	1.5269e+02	3.6128e+01	1.3762e+01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	2.0278e+02	6.4748e+01	-9.8971e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.7915e+02	6.9680e+01	1.8671e+01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	1.2845e+02	4.2031e+01	4.2308e+01
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	1.3341e+02	4.1421e+01	-5.3798e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.8516e+02	6.9206e+01	-3.4652e+01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	2.0388e+02	6.4378e+01	-5.8850e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	1.5345e+02	3.5452e+01	-2.5024e+01
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	4.0258e+01	8.1448e+01	-1.1710e+02
	1236	0.0000e+00	0.0000e+00	0.0000e+00	9.9778e+01	9.4139e+01	-4.6274e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.6501e+02	8.9503e+01	-2.5956e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	1.1803e+02	6.2107e+01	-9.6784e+01

1369 1224 0.0000e+00 0.0000e+00 0.0000e+00 -2.0623e+02 1.6063e+02 -1.4850e+02  
1235 0.0000e+00 0.0000e+00 0.0000e+00 -4.3913e+01 9.7178e+01 -9.6672e-01  
1236 0.0000e+00 0.0000e+00 0.0000e+00 4.6692e+01 1.3835e+02 -2.5666e+01  
1225 0.0000e+00 0.0000e+00 0.0000e+00 7.8330e+00 1.2370e+02 -1.7323e+02

1370 1223 0.0000e+00 0.0000e+00 0.0000e+00 -5.4130e+02 2.8042e+02 2.2168e+01  
1234 0.0000e+00 0.0000e+00 0.0000e+00 -2.3593e+02 -8.8799e+01 2.0952e+02  
1235 0.0000e+00 0.0000e+00 0.0000e+00 -1.5005e+02 1.8370e+02 2.3166e+01  
1224 0.0000e+00 0.0000e+00 0.0000e+00 -2.4758e+02 1.8236e+02 -1.6421e+02

1371 1222 0.0000e+00 0.0000e+00 0.0000e+00 -7.2667e+02 -6.6638e+02 4.4986e+01  
1233 0.0000e+00 0.0000e+00 0.0000e+00 -9.3983e+01 -4.5534e+02 1.4949e+01  
1234 0.0000e+00 0.0000e+00 0.0000e+00 -1.1606e+02 -2.6226e+02 1.2389e+02  
1223 0.0000e+00 0.0000e+00 0.0000e+00 -7.6532e+02 -2.6628e+02 1.5393e+02

1372 440 0.0000e+00 0.0000e+00 0.0000e+00 -3.9735e+02 1.1289e+03 1.7707e+03  
1231 0.0000e+00 0.0000e+00 0.0000e+00 -1.7303e+03 1.7284e+02 2.0358e+02  
1232 0.0000e+00 0.0000e+00 0.0000e+00 -6.0124e+01 -1.1609e+03 -3.9041e+02  
16 0.0000e+00 0.0000e+00 0.0000e+00 -5.2436e+03 -9.4441e+02 1.1767e+03

1373 439 0.0000e+00 0.0000e+00 0.0000e+00 -2.9050e+01 1.4427e+02 5.4710e+02  
1230 0.0000e+00 0.0000e+00 0.0000e+00 -3.2165e+02 3.1706e+02 1.6314e+02  
1231 0.0000e+00 0.0000e+00 0.0000e+00 -1.1140e+03 1.8230e+02 3.9498e+02  
440 0.0000e+00 0.0000e+00 0.0000e+00 -1.5877e+01 -1.0260e+02 7.7895e+02

1374 438 0.0000e+00 0.0000e+00 0.0000e+00 1.1825e+02 2.4920e+01 2.8418e+02  
1229 0.0000e+00 0.0000e+00 0.0000e+00 1.3306e+01 9.6737e+01 1.6193e+02  
1230 0.0000e+00 0.0000e+00 0.0000e+00 -1.7880e+02 1.5372e+02 3.0196e+02  
439 0.0000e+00 0.0000e+00 0.0000e+00 6.0544e+01 -5.0861e+01 4.2421e+02

1375 437 0.0000e+00 0.0000e+00 0.0000e+00 1.5589e+02 -3.1561e+01 1.2385e+02  
1228 0.0000e+00 0.0000e+00 0.0000e+00 1.2805e+02 3.2263e+01 8.1257e+01  
1229 0.0000e+00 0.0000e+00 0.0000e+00 4.6914e+01 7.0528e+01 1.7399e+02  
438 0.0000e+00 0.0000e+00 0.0000e+00 1.5114e+02 -4.9004e+01 2.1658e+02

1376 436 0.0000e+00 0.0000e+00 0.0000e+00 1.6878e+02 -5.1875e+01 1.3692e+01  
1227 0.0000e+00 0.0000e+00 0.0000e+00 1.6071e+02 1.0837e+01 1.6332e+00  
1228 0.0000e+00 0.0000e+00 0.0000e+00 1.3839e+02 2.3590e+01 7.2816e+01  
437 0.0000e+00 0.0000e+00 0.0000e+00 1.6665e+02 -5.5083e+01 8.4903e+01

1377 435 0.0000e+00 0.0000e+00 0.0000e+00 1.7039e+02 -5.6647e+01 -9.1436e+01  
1226 0.0000e+00 0.0000e+00 0.0000e+00 1.4293e+02 2.2387e+01 -8.2787e+01  
1227 0.0000e+00 0.0000e+00 0.0000e+00 1.6155e+02 1.0462e+01 -1.1292e+01  
436 0.0000e+00 0.0000e+00 0.0000e+00 1.6928e+02 -5.2547e+01 -1.9938e+01

1378 434 0.0000e+00 0.0000e+00 0.0000e+00 1.5924e+02 -5.2728e+01 -2.2440e+02  
1225 0.0000e+00 0.0000e+00 0.0000e+00 5.6546e+01 6.7826e+01 -1.8521e+02  
1226 0.0000e+00 0.0000e+00 0.0000e+00 1.3427e+02 3.0257e+01 -9.1549e+01  
435 0.0000e+00 0.0000e+00 0.0000e+00 1.6062e+02 -3.4466e+01 -1.3073e+02

1379 433 0.0000e+00 0.0000e+00 0.0000e+00 7.1998e+01 -5.6520e+01 -4.3454e+02  
1224 0.0000e+00 0.0000e+00 0.0000e+00 -1.6300e+02 1.5014e+02 -3.1566e+02  
1225 0.0000e+00 0.0000e+00 0.0000e+00 2.3701e+01 9.3047e+01 -1.7397e+02  
434 0.0000e+00 0.0000e+00 0.0000e+00 1.2727e+02 2.0091e+01 -2.9285e+02

1380 432 0.0000e+00 0.0000e+00 0.0000e+00 1.7137e+01 -1.0823e+02 -7.9291e+02  
1223 0.0000e+00 0.0000e+00 0.0000e+00 -1.1026e+03 1.7941e+02 -4.1318e+02  
1224 0.0000e+00 0.0000e+00 0.0000e+00 -3.0402e+02 3.1404e+02 -1.7716e+02  
433 0.0000e+00 0.0000e+00 0.0000e+00 -1.7127e+01 1.3578e+02 -5.5689e+02

1381 15 0.0000e+00 0.0000e+00 0.0000e+00 -5.3546e+03 -9.6146e+02 -1.2081e+03  
1222 0.0000e+00 0.0000e+00 0.0000e+00 8.0608e+01 -1.1460e+03 3.6466e+02  
1223 0.0000e+00 0.0000e+00 0.0000e+00 -1.7134e+03 1.4094e+02 -2.3476e+02  
432 0.0000e+00 0.0000e+00 0.0000e+00 -3.7446e+02 1.1397e+03 -1.8075e+03

1382 1211 0.0000e+00 0.0000e+00 0.0000e+00 1.8655e+03 -9.5327e+01 2.2145e+02  
1221 0.0000e+00 0.0000e+00 0.0000e+00 1.5523e+03 -3.6146e+02 9.4910e+02  
25 0.0000e+00 0.0000e+00 0.0000e+00 3.5751e+03 8.5045e+01 6.4176e+02  
1212 0.0000e+00 0.0000e+00 0.0000e+00 1.3173e+03 4.2248e+02 -8.6092e+01

1383 1210 0.0000e+00 0.0000e+00 0.0000e+00 1.1946e+03 -1.6972e+02 1.9726e+02  
1220 0.0000e+00 0.0000e+00 0.0000e+00 1.0109e+03 5.5422e+01 5.5155e+02  
1221 0.0000e+00 0.0000e+00 0.0000e+00 1.3184e+03 -1.2944e+02 6.2323e+02  
1211 0.0000e+00 0.0000e+00 0.0000e+00 1.6051e+03 -4.5857e+01 2.6892e+02

1384 1209 0.0000e+00 0.0000e+00 0.0000e+00 8.9010e+02 -3.9313e+01 1.7761e+02  
1219 0.0000e+00 0.0000e+00 0.0000e+00 7.5096e+02 1.4648e+02 3.5399e+02  
1220 0.0000e+00 0.0000e+00 0.0000e+00 8.9577e+02 -5.1560e+01 4.4475e+02



	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.1028e+03	-4.4792e+01	2.6835e+02
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	7.4753e+02	3.1173e+01	1.1408e+02
	1218	0.0000e+00	0.0000e+00	0.0000e+00	6.2096e+02	1.7226e+02	2.0287e+02
	1219	0.0000e+00	0.0000e+00	0.0000e+00	6.8868e+02	4.1871e+01	2.8710e+02
	1209	0.0000e+00	0.0000e+00	0.0000e+00	8.5987e+02	1.6817e+01	1.9827e+02
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	6.9838e+02	6.2130e+01	4.2497e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	5.7121e+02	1.6032e+02	7.1857e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	5.9261e+02	1.1365e+02	1.5088e+02
	1208	0.0000e+00	0.0000e+00	0.0000e+00	7.3675e+02	5.5832e+01	1.2142e+02
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	7.2506e+02	5.8816e+01	-3.2439e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	5.8789e+02	1.1963e+02	-5.4862e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	5.6978e+02	1.5724e+02	2.4145e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	6.9748e+02	6.3182e+01	4.6547e+01
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	8.3433e+02	2.5272e+01	-1.0773e+02
	1215	0.0000e+00	0.0000e+00	0.0000e+00	6.7725e+02	5.5165e+01	-1.8872e+02
	1216	0.0000e+00	0.0000e+00	0.0000e+00	6.1307e+02	1.6945e+02	-1.0624e+02
	1206	0.0000e+00	0.0000e+00	0.0000e+00	7.3436e+02	3.6725e+01	-2.5455e+01
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.0610e+03	-2.8526e+01	-1.7558e+02
	1214	0.0000e+00	0.0000e+00	0.0000e+00	8.7611e+02	-2.6071e+01	-3.4223e+02
	1215	0.0000e+00	0.0000e+00	0.0000e+00	7.3542e+02	1.4305e+02	-2.5443e+02
	1205	0.0000e+00	0.0000e+00	0.0000e+00	8.6402e+02	-2.7640e+01	-8.7807e+01
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.5439e+03	-1.5756e+01	-1.7258e+02
	1213	0.0000e+00	0.0000e+00	0.0000e+00	1.2879e+03	-8.1989e+01	-5.1423e+02
	1214	0.0000e+00	0.0000e+00	0.0000e+00	9.8552e+02	5.2070e+01	-4.4718e+02
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.1539e+03	-1.4742e+02	-1.0554e+02
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	1.2171e+03	4.8016e+02	1.9006e+02
	24	0.0000e+00	0.0000e+00	0.0000e+00	3.5456e+03	1.6408e+02	-5.2096e+02
	1213	0.0000e+00	0.0000e+00	0.0000e+00	1.5137e+03	-3.6471e+02	-8.3900e+02
	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.8082e+03	-5.3967e+01	-1.2799e+02
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	1.0937e+03	7.9460e+01	6.3306e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	1.4752e+03	7.6471e+01	3.3161e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	1.5200e+03	2.2530e+02	6.5086e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	1.1184e+03	1.5816e+02	3.0957e+01
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	1.0370e+03	-8.2256e+01	2.3668e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.1513e+03	-9.0719e+01	1.6649e+02
	1211	0.0000e+00	0.0000e+00	0.0000e+00	1.3603e+03	-1.1587e+02	8.7638e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	1.1189e+03	3.1950e+01	-5.6673e+01
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	8.8398e+02	-4.8030e+01	4.3288e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	9.2268e+02	-4.3099e+01	1.7299e+02
	1210	0.0000e+00	0.0000e+00	0.0000e+00	1.0992e+03	-6.2647e+01	1.5737e+02
	1200	0.0000e+00	0.0000e+00	0.0000e+00	9.7092e+02	-2.6829e+01	2.8013e+01
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	7.7331e+02	4.0093e+00	4.3846e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	7.9065e+02	1.5685e+01	1.2121e+02
	1209	0.0000e+00	0.0000e+00	0.0000e+00	8.8443e+02	4.7452e+00	1.3542e+02
	1199	0.0000e+00	0.0000e+00	0.0000e+00	8.3677e+02	-6.3772e+00	5.8012e+01
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	7.2487e+02	2.2446e+01	3.2493e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	7.3836e+02	4.5667e+01	6.0836e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	7.7103e+02	4.2356e+01	8.4391e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	7.5000e+02	1.9198e+01	5.5960e+01
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	7.3530e+02	2.2298e+01	1.9462e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	7.5839e+02	4.3499e+01	4.6446e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	7.3617e+02	4.8488e+01	2.5372e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	7.2241e+02	2.4000e+01	4.2496e+01
1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	8.0420e+02	4.5560e+00	1.7948e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	8.5604e+02	1.0740e+01	-4.8212e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	7.7358e+02	2.3122e+01	-3.5077e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	7.5352e+02	5.1719e+00	3.1127e+01
1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	9.1844e+02	-9.8585e+00	4.8642e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.0530e+03	-4.8779e+01	-6.7938e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	8.8965e+02	-2.9258e+01	-8.4944e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	8.4578e+02	-3.5024e+01	3.1737e+01
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	1.0424e+03	6.3409e+01	1.3132e+02
	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.2911e+03	-8.8867e+01	5.1450e+00

	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.0998e+03	-6.5276e+01	-7.5378e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	9.7767e+02	-5.8713e+01	5.1074e+01
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	1.0087e+03	2.0943e+02	3.7694e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	1.4174e+03	2.7679e+02	2.8284e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.4000e+03	1.2201e+02	6.2954e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	1.0070e+03	1.2087e+02	7.2358e+01
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	7.3081e+02	7.8585e+00	-4.5712e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	1.0286e+03	4.2922e+01	-3.0738e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	1.0352e+03	8.9612e+01	2.5671e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	7.5509e+02	1.6329e+01	1.0687e+01
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	7.0638e+02	-1.3421e+01	-7.1094e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	9.4032e+02	-4.6925e+01	-3.0347e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	9.8113e+02	-6.0239e+00	-5.0181e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	7.4916e+02	-3.3342e+00	-9.1185e+01
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	6.5875e+02	-2.6975e+00	-4.1128e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	8.1909e+02	-2.8528e+01	2.1374e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	9.0391e+02	-4.9799e+01	-2.2492e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	6.9800e+02	7.2069e+00	-8.2970e+01
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	6.1414e+02	1.9003e+01	-5.8932e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	7.3328e+02	3.5999e+00	4.0979e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	7.9486e+02	-2.1797e+01	1.1297e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	6.4106e+02	2.3225e+01	-3.4542e+01
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	5.8948e+02	3.3091e+01	2.5731e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	6.9589e+02	1.8251e+01	4.4191e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	7.2095e+02	9.1815e+00	2.4012e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	6.0206e+02	3.4267e+01	6.8942e+00
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	5.8751e+02	3.6956e+01	5.2544e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	7.0591e+02	1.2015e+01	4.6178e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	6.9339e+02	2.0052e+01	2.5940e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	5.8703e+02	3.4971e+01	3.2221e+01
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	6.0920e+02	3.1273e+01	9.0872e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	7.6155e+02	-1.3392e+01	5.9856e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	7.1323e+02	9.7326e+00	2.9333e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	5.9459e+02	2.5685e+01	6.0240e+01
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	6.4798e+02	2.2288e+01	1.3753e+02
	1194	0.0000e+00	0.0000e+00	0.0000e+00	8.5052e+02	-3.2467e+01	9.0043e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	7.8071e+02	-1.5856e+01	4.9485e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	6.2155e+02	1.0559e+01	9.6934e+01
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	6.7956e+02	2.6075e+01	1.4015e+02
	1193	0.0000e+00	0.0000e+00	0.0000e+00	9.0365e+02	2.6715e+01	1.1485e+02
	1194	0.0000e+00	0.0000e+00	0.0000e+00	8.8170e+02	-2.4530e+01	9.8854e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	6.5023e+02	8.3195e+00	1.2415e+02
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	6.6216e+02	5.2130e+01	2.6234e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	9.2909e+02	1.4017e+02	3.0148e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	9.4553e+02	8.0160e+01	9.5204e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	6.5366e+02	3.9871e+01	9.1287e+01
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	3.7205e+02	-8.9201e+01	-7.8673e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	6.6963e+02	-4.2798e+01	-5.8938e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	6.7871e+02	-4.4223e+01	1.0164e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	4.0313e+02	-1.3233e+02	-1.0723e+01
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	3.5709e+02	1.5742e+01	-1.1206e+02
	1190	0.0000e+00	0.0000e+00	0.0000e+00	6.2009e+02	-1.7580e+01	-8.6651e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	6.3243e+02	-3.1308e+01	-9.6431e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	3.9643e+02	-4.5040e+01	-1.2186e+02
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	3.7464e+02	5.5641e+01	-5.9003e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	5.7193e+02	1.3917e+01	-4.8647e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	5.9718e+02	-1.1877e+01	-9.8184e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	3.7068e+02	4.4496e+01	-1.0862e+02
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	3.9253e+02	6.1733e+01	-9.3316e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	5.4339e+02	3.0969e+01	-6.8884e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	5.6546e+02	1.1504e+01	-5.0624e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	3.7768e+02	7.0446e+01	-5.4090e+01
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	3.9439e+02	6.3074e+01	2.3645e+01

	1187	0.0000e+00	0.0000e+00	0.0000e+00	5.3054e+02	3.5307e+01	2.7858e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	5.4211e+02	2.8368e+01	-8.0467e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	3.9126e+02	6.7799e+01	-1.1448e+01
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	3.7891e+02	7.0216e+01	5.2331e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	5.2791e+02	3.1466e+01	5.9105e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	5.2826e+02	3.6805e+01	2.5407e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	3.9226e+02	6.4872e+01	1.8668e+01
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	3.5109e+02	7.7341e+01	9.4723e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	5.3455e+02	2.0003e+01	1.0210e+02
	1186	0.0000e+00	0.0000e+00	0.0000e+00	5.2470e+02	3.7132e+01	5.7471e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	3.7588e+02	6.7846e+01	5.0091e+01
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	3.3052e+02	5.6240e+01	1.4708e+02
	1184	0.0000e+00	0.0000e+00	0.0000e+00	5.4912e+02	4.2480e+00	1.4746e+02
	1185	0.0000e+00	0.0000e+00	0.0000e+00	5.3677e+02	2.5629e+01	1.0007e+02
	1175	0.0000e+00	0.0000e+00	0.0000e+00	3.4364e+02	6.6515e+01	9.9684e+01
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	3.4444e+02	-2.8479e+01	1.5472e+02
	1183	0.0000e+00	0.0000e+00	0.0000e+00	5.6657e+02	-7.1746e+00	1.3974e+02
	1184	0.0000e+00	0.0000e+00	0.0000e+00	5.6827e+02	2.7010e+00	1.3533e+02
	1174	0.0000e+00	0.0000e+00	0.0000e+00	3.1237e+02	3.1805e+01	1.5031e+02
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	3.4111e+02	-1.1193e+02	3.1316e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	5.9639e+02	-8.7414e+00	2.0844e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	6.0087e+02	-1.5619e+01	9.9988e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	3.1541e+02	-6.7663e+01	1.1046e+02
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	-6.4062e+01	-1.9608e+02	-1.2578e+02
	1181	0.0000e+00	0.0000e+00	0.0000e+00	3.1661e+02	-1.4950e+02	-9.1318e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	3.2700e+02	-2.0332e+02	3.2976e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	8.9126e+00	-3.4021e+02	-3.2869e+01
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	-1.0395e+01	9.5026e+01	-9.6475e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	2.5690e+02	2.0073e+01	-9.1298e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	2.5950e+02	-7.6855e+01	-1.4146e+02
	1171	0.0000e+00	0.0000e+00	0.0000e+00	6.8055e+00	-5.2758e+01	-1.4666e+02
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.1818e+02	1.1070e+02	9.1275e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	2.7883e+02	7.8948e+01	-4.7251e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	2.6305e+02	2.5221e+01	-1.0986e+02
	1170	0.0000e+00	0.0000e+00	0.0000e+00	2.1521e+01	1.1724e+02	-5.4077e+01
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	1.9941e+02	8.8057e+01	3.1560e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	3.1972e+02	7.4324e+01	-9.0812e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	3.0098e+02	5.8201e+01	-4.0988e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.3776e+02	1.0871e+02	3.0861e+00
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	2.2526e+02	7.4170e+01	2.6219e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	3.3544e+02	6.4132e+01	1.5972e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	3.3168e+02	6.0748e+01	3.6295e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	2.0779e+02	8.2135e+01	1.0552e+01
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.9812e+02	8.4651e+01	1.8811e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	3.1995e+02	6.3902e+01	3.8070e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	3.3356e+02	6.5287e+01	2.2371e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	2.2363e+02	7.5744e+01	3.9427e+00
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	1.1730e+02	1.1527e+02	2.9830e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.7592e+02	6.5925e+01	7.7981e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	3.0433e+02	7.9760e+01	4.5956e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.8652e+02	9.3700e+01	-3.3748e+00
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	-9.4063e+00	1.2739e+02	8.2007e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	2.2565e+02	3.7773e+01	1.4533e+02
	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.5051e+02	8.8767e+01	8.3994e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	9.4645e+01	1.2024e+02	2.0734e+01
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	-3.6307e+01	-4.0689e+01	1.7255e+02
	1173	0.0000e+00	0.0000e+00	0.0000e+00	2.1202e+02	-5.9711e+01	1.7263e+02
	1174	0.0000e+00	0.0000e+00	0.0000e+00	2.1711e+02	3.4083e+01	1.2571e+02
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-4.1181e+01	1.0769e+02	1.2562e+02
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	-3.9933e+01	-3.2926e+02	5.3463e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.7535e+02	-1.8267e+02	1.9919e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	2.6845e+02	-1.3240e+02	1.1959e+02
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-1.0091e+02	-1.8255e+02	1.5314e+02

1432 1161 0.0000e+00 0.0000e+00 0.0000e+00 -7.6890e+02 -2.6722e+02 -1.5269e+02  
1171 0.0000e+00 0.0000e+00 0.0000e+00 -1.2049e+02 -2.6359e+02 -1.2189e+02  
1172 0.0000e+00 0.0000e+00 0.0000e+00 -9.7552e+01 -4.5650e+02 -1.3440e+01  
1162 0.0000e+00 0.0000e+00 0.0000e+00 -7.2952e+02 -6.6723e+02 -4.4113e+01

1433 1160 0.0000e+00 0.0000e+00 0.0000e+00 -2.5208e+02 1.8133e+02 1.6612e+02  
1170 0.0000e+00 0.0000e+00 0.0000e+00 -1.5580e+02 1.8235e+02 -2.0591e+01  
1171 0.0000e+00 0.0000e+00 0.0000e+00 -2.4080e+02 -9.0084e+01 -2.0723e+02  
1161 0.0000e+00 0.0000e+00 0.0000e+00 -5.4516e+02 2.7960e+02 -2.0649e+01

1434 1159 0.0000e+00 0.0000e+00 0.0000e+00 5.1888e+00 1.2288e+02 1.7575e+02  
1169 0.0000e+00 0.0000e+00 0.0000e+00 3.9186e+01 1.3721e+02 2.9194e+01  
1170 0.0000e+00 0.0000e+00 0.0000e+00 -4.9796e+01 9.5935e+01 4.5641e+00  
1160 0.0000e+00 0.0000e+00 0.0000e+00 -2.1104e+02 1.5982e+02 1.5065e+02

1435 1158 0.0000e+00 0.0000e+00 0.0000e+00 1.1096e+02 6.1903e+01 9.9951e+01  
1168 0.0000e+00 0.0000e+00 0.0000e+00 1.5610e+02 8.9025e+01 3.0242e+01  
1169 0.0000e+00 0.0000e+00 0.0000e+00 9.1977e+01 9.3238e+01 5.0146e+01  
1159 0.0000e+00 0.0000e+00 0.0000e+00 3.3915e+01 8.0978e+01 1.1990e+02

1436 1157 0.0000e+00 0.0000e+00 0.0000e+00 1.4504e+02 3.6370e+01 2.8820e+01  
1167 0.0000e+00 0.0000e+00 0.0000e+00 1.9329e+02 6.5152e+01 1.1030e+01  
1168 0.0000e+00 0.0000e+00 0.0000e+00 1.7585e+02 6.9129e+01 3.9302e+01  
1158 0.0000e+00 0.0000e+00 0.0000e+00 1.2598e+02 4.1706e+01 5.7274e+01

1437 1156 0.0000e+00 0.0000e+00 0.0000e+00 1.1860e+02 4.4766e+01 -3.8171e+01  
1166 0.0000e+00 0.0000e+00 0.0000e+00 1.6681e+02 7.2447e+01 -1.3507e+01  
1167 0.0000e+00 0.0000e+00 0.0000e+00 1.9182e+02 6.6129e+01 1.5303e+01  
1157 0.0000e+00 0.0000e+00 0.0000e+00 1.4389e+02 3.7748e+01 -9.9171e+00

1438 1155 0.0000e+00 0.0000e+00 0.0000e+00 1.8335e+01 8.8428e+01 -1.0013e+02  
1165 0.0000e+00 0.0000e+00 0.0000e+00 7.2905e+01 1.0076e+02 -2.3954e+01  
1166 0.0000e+00 0.0000e+00 0.0000e+00 1.4420e+02 9.4260e+01 -4.7044e+00  
1156 0.0000e+00 0.0000e+00 0.0000e+00 1.0135e+02 6.7652e+01 -8.0414e+01

1439 1154 0.0000e+00 0.0000e+00 0.0000e+00 -2.3365e+02 1.7122e+02 -1.2950e+02  
1164 0.0000e+00 0.0000e+00 0.0000e+00 -7.7084e+01 1.0709e+02 2.2686e+01  
1165 0.0000e+00 0.0000e+00 0.0000e+00 1.7575e+01 1.4645e+02 -3.4484e+00  
1155 0.0000e+00 0.0000e+00 0.0000e+00 -1.9962e+01 1.3271e+02 -1.5502e+02

1440 1153 0.0000e+00 0.0000e+00 0.0000e+00 -5.7194e+02 2.9352e+02 4.4468e+01  
1163 0.0000e+00 0.0000e+00 0.0000e+00 -2.7341e+02 -7.7133e+01 2.3406e+02  
1164 0.0000e+00 0.0000e+00 0.0000e+00 -1.8509e+02 1.9465e+02 4.6580e+01  
1154 0.0000e+00 0.0000e+00 0.0000e+00 -2.7608e+02 1.9413e+02 -1.4305e+02

1441 1088 0.0000e+00 0.0000e+00 0.0000e+00 -7.5512e+02 -6.5494e+02 7.1115e+01  
1099 0.0000e+00 0.0000e+00 0.0000e+00 -1.2768e+02 -4.4514e+02 3.8406e+01  
1163 0.0000e+00 0.0000e+00 0.0000e+00 -1.5277e+02 -2.5130e+02 1.4686e+02  
1153 0.0000e+00 0.0000e+00 0.0000e+00 -7.9631e+02 -2.5560e+02 1.7957e+02

1442 323 0.0000e+00 0.0000e+00 0.0000e+00 -3.7645e+02 1.1391e+03 1.8082e+03  
1161 0.0000e+00 0.0000e+00 0.0000e+00 -1.7167e+03 1.4042e+02 2.3575e+02  
1162 0.0000e+00 0.0000e+00 0.0000e+00 7.7706e+01 -1.1467e+03 -3.6420e+02  
14 0.0000e+00 0.0000e+00 0.0000e+00 -5.3565e+03 -9.6113e+02 1.2082e+03

1443 322 0.0000e+00 0.0000e+00 0.0000e+00 -1.8690e+01 1.3530e+02 5.5789e+02  
1160 0.0000e+00 0.0000e+00 0.0000e+00 -3.0808e+02 3.1333e+02 1.7873e+02  
1161 0.0000e+00 0.0000e+00 0.0000e+00 -1.1060e+03 1.7878e+02 4.1449e+02  
323 0.0000e+00 0.0000e+00 0.0000e+00 1.4443e+01 -1.0860e+02 7.9365e+02

1444 321 0.0000e+00 0.0000e+00 0.0000e+00 1.2353e+02 1.9803e+01 2.9436e+02  
1159 0.0000e+00 0.0000e+00 0.0000e+00 1.8072e+01 9.2592e+01 1.7614e+02  
1160 0.0000e+00 0.0000e+00 0.0000e+00 -1.6731e+02 1.4953e+02 3.1753e+02  
322 0.0000e+00 0.0000e+00 0.0000e+00 6.8771e+01 -5.6783e+01 4.3575e+02

1445 320 0.0000e+00 0.0000e+00 0.0000e+00 1.5600e+02 -3.3897e+01 1.3278e+02  
1158 0.0000e+00 0.0000e+00 0.0000e+00 1.2783e+02 3.0391e+01 9.4353e+01  
1159 0.0000e+00 0.0000e+00 0.0000e+00 5.0833e+01 6.7572e+01 1.8772e+02  
321 0.0000e+00 0.0000e+00 0.0000e+00 1.5530e+02 -5.2551e+01 2.2615e+02

1446 319 0.0000e+00 0.0000e+00 0.0000e+00 1.6365e+02 -5.0887e+01 2.2502e+01  
1157 0.0000e+00 0.0000e+00 0.0000e+00 1.5384e+02 1.1485e+01 1.4765e+01  
1158 0.0000e+00 0.0000e+00 0.0000e+00 1.3619e+02 2.2830e+01 8.5951e+01  
320 0.0000e+00 0.0000e+00 0.0000e+00 1.6553e+02 -5.5663e+01 9.3744e+01

1447 318 0.0000e+00 0.0000e+00 0.0000e+00 1.5986e+02 -5.1781e+01 -8.1953e+01  
1156 0.0000e+00 0.0000e+00 0.0000e+00 1.2934e+02 2.6615e+01 -6.8944e+01  
1157 0.0000e+00 0.0000e+00 0.0000e+00 1.5272e+02 1.2417e+01 2.7418e+00

	319	0.0000e+00	0.0000e+00	0.0000e+00	1.6288e+02	-4.9626e+01	-1.0956e+01
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	1.4316e+02	-4.3465e+01	-2.1333e+02
	1155	0.0000e+00	0.0000e+00	0.0000e+00	3.6217e+01	7.5974e+01	-1.6978e+02
	1156	0.0000e+00	0.0000e+00	0.0000e+00	1.1875e+02	3.6069e+01	-7.7098e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	1.4880e+02	-2.7530e+01	-1.2064e+02
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	4.9951e+01	-4.2608e+01	-4.2074e+02
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.8871e+02	1.6198e+02	-2.9765e+02
	1155	0.0000e+00	0.0000e+00	0.0000e+00	2.9524e+00	1.0290e+02	-1.5771e+02
	317	0.0000e+00	0.0000e+00	0.0000e+00	1.0991e+02	3.1227e+01	-2.8079e+02
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-1.2574e+01	-9.0177e+01	-7.7451e+02
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-1.1340e+03	1.9332e+02	-3.9089e+02
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-3.3172e+02	3.2790e+02	-1.5794e+02
	316	0.0000e+00	0.0000e+00	0.0000e+00	-3.7267e+01	1.5152e+02	-5.4156e+02
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-5.3991e+03	-9.4672e+02	-1.1827e+03
	1088	0.0000e+00	0.0000e+00	0.0000e+00	5.4116e+01	-1.1353e+03	3.9416e+02
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-1.7469e+03	1.5503e+02	-2.1152e+02
	315	0.0000e+00	0.0000e+00	0.0000e+00	-4.0292e+02	1.1620e+03	-1.7884e+03
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	1.8568e+03	3.0116e+01	1.4397e+02
	1152	0.0000e+00	0.0000e+00	0.0000e+00	1.5727e+03	-3.8305e+02	8.7169e+02
	24	0.0000e+00	0.0000e+00	0.0000e+00	3.5737e+03	2.0217e+02	5.6184e+02
	1143	0.0000e+00	0.0000e+00	0.0000e+00	1.1964e+03	4.6251e+02	-1.6591e+02
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.2020e+03	-1.3402e+02	1.2158e+02
	1151	0.0000e+00	0.0000e+00	0.0000e+00	1.0162e+03	8.1535e+01	5.0973e+02
	1152	0.0000e+00	0.0000e+00	0.0000e+00	1.3207e+03	-7.6322e+01	5.5812e+02
	1142	0.0000e+00	0.0000e+00	0.0000e+00	1.6126e+03	3.5072e+01	1.6995e+02
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	8.6345e+02	9.0547e+00	1.2082e+02
	1150	0.0000e+00	0.0000e+00	0.0000e+00	7.3096e+02	1.9573e+02	3.3502e+02
	1151	0.0000e+00	0.0000e+00	0.0000e+00	8.9690e+02	-2.3992e+01	4.1196e+02
	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.0922e+03	6.8335e+00	1.9772e+02
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	6.8095e+02	9.0955e+01	7.4227e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	5.5900e+02	2.4109e+02	2.0369e+02
	1150	0.0000e+00	0.0000e+00	0.0000e+00	6.5771e+02	7.0233e+01	2.7444e+02
	1140	0.0000e+00	0.0000e+00	0.0000e+00	8.2095e+02	6.6782e+01	1.4491e+02
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	5.7676e+02	1.4065e+02	2.0367e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	4.5044e+02	2.4450e+02	9.8481e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	5.1356e+02	1.5605e+02	1.6112e+02
	1139	0.0000e+00	0.0000e+00	0.0000e+00	6.5863e+02	1.2387e+02	8.2509e+01
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	5.2349e+02	1.5930e+02	-3.3759e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	3.8353e+02	2.1173e+02	9.5947e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	4.2390e+02	2.2571e+02	6.4840e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	5.6009e+02	1.5616e+02	2.3513e+01
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	5.1209e+02	1.4689e+02	-8.1686e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	3.5058e+02	1.4282e+02	-7.2742e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	3.7264e+02	2.7450e+02	-2.1606e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	5.0642e+02	1.5877e+02	-3.0521e+01
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	5.4482e+02	1.0310e+02	-1.2191e+02
	1145	0.0000e+00	0.0000e+00	0.0000e+00	3.5627e+02	3.7153e+01	-1.5021e+02
	1146	0.0000e+00	0.0000e+00	0.0000e+00	3.5584e+02	2.9710e+02	-1.0249e+02
	1136	0.0000e+00	0.0000e+00	0.0000e+00	4.9302e+02	1.2755e+02	-7.4231e+01
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	6.6525e+02	4.9295e+01	-1.3630e+02
	1144	0.0000e+00	0.0000e+00	0.0000e+00	4.0988e+02	-9.6702e+01	-2.2391e+02
	1145	0.0000e+00	0.0000e+00	0.0000e+00	3.8096e+02	2.8252e+02	-1.8542e+02
	1135	0.0000e+00	0.0000e+00	0.0000e+00	5.3271e+02	5.3168e+01	-9.7846e+01
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	4.5696e+02	1.1982e+01	-1.1627e+02
	23	0.0000e+00	0.0000e+00	0.0000e+00	9.6698e+02	-1.8297e+02	-2.7236e+02
	1144	0.0000e+00	0.0000e+00	0.0000e+00	4.7943e+02	1.4097e+02	-3.0722e+02
	1134	0.0000e+00	0.0000e+00	0.0000e+00	6.5663e+02	2.2525e+01	-1.5113e+02
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	9.8611e+02	1.4745e+02	-8.2253e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	1.3943e+03	2.1032e+02	-5.7347e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	1.4166e+03	2.5686e+02	-1.1361e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	1.0098e+03	2.1979e+02	-3.6223e+01
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	9.6793e+02	-1.0060e+01	-5.8682e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.1131e+03	-1.5338e+01	6.7006e+01

	1142	0.0000e+00	0.0000e+00	0.0000e+00	1.2859e+03	-6.9402e+01	-1.2162e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	1.0262e+03	9.6299e+01	-1.3722e+02
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	8.3420e+02	1.2413e+01	-4.0284e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	8.8319e+02	1.9649e+01	9.9552e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	1.0593e+03	-2.9300e+01	7.4899e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	9.1496e+02	3.2965e+01	-6.4810e+01
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	7.1108e+02	6.2040e+01	-3.8607e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	7.2630e+02	8.3718e+01	6.3689e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	8.3871e+02	5.0325e+01	7.1856e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	7.8603e+02	5.4084e+01	-3.0411e+01
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	6.2925e+02	1.0275e+02	-5.0544e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	6.2683e+02	1.3129e+02	1.5400e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	6.9543e+02	1.0943e+02	3.5603e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	6.7947e+02	9.2628e+01	-2.9821e+01
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	5.8369e+02	1.2134e+02	-7.0101e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	5.7247e+02	1.5264e+02	-3.6174e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	6.0744e+02	1.4173e+02	-1.2303e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	6.1162e+02	1.1921e+02	-4.5415e+01
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	5.6812e+02	1.1555e+02	-8.9127e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	5.5543e+02	1.4397e+02	-8.0573e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	5.6191e+02	1.4511e+02	-5.7996e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	5.7739e+02	1.2439e+02	-6.6539e+01
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	5.7053e+02	8.6492e+01	-9.8933e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	5.7827e+02	1.0281e+02	-1.1268e+02
	1136	0.0000e+00	0.0000e+00	0.0000e+00	5.5211e+02	1.1774e+02	-9.9733e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	5.7129e+02	1.0595e+02	-8.5994e+01
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	6.1579e+02	4.4982e+01	-9.2170e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	5.9398e+02	3.4100e+01	-1.1891e+02
	1135	0.0000e+00	0.0000e+00	0.0000e+00	5.7930e+02	7.2439e+01	-1.1922e+02
	1124	0.0000e+00	0.0000e+00	0.0000e+00	5.8112e+02	6.2252e+01	-9.2490e+01
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	3.6977e+02	-4.5802e+01	-1.3473e+02
	1133	0.0000e+00	0.0000e+00	0.0000e+00	8.7322e+02	1.8793e+01	-1.4752e+02
	1134	0.0000e+00	0.0000e+00	0.0000e+00	6.2157e+02	-1.0353e+01	-1.4801e+02
	1123	0.0000e+00	0.0000e+00	0.0000e+00	5.9751e+02	5.4859e+01	-1.3523e+02
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	6.4813e+02	5.5418e+01	-1.0139e+02
	1131	0.0000e+00	0.0000e+00	0.0000e+00	9.3366e+02	1.0523e+02	-9.7262e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	9.2474e+02	1.4887e+02	-3.1501e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	6.6466e+02	5.5974e+01	-3.5620e+01
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	6.3658e+02	4.2029e+01	-1.4318e+02
	1130	0.0000e+00	0.0000e+00	0.0000e+00	8.7265e+02	2.4582e+01	-1.1342e+02
	1131	0.0000e+00	0.0000e+00	0.0000e+00	8.9855e+02	5.7745e+01	-1.1676e+02
	1120	0.0000e+00	0.0000e+00	0.0000e+00	6.6555e+02	4.7237e+01	-1.4653e+02
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	6.0218e+02	5.3165e+01	-1.3066e+02
	1129	0.0000e+00	0.0000e+00	0.0000e+00	7.6439e+02	3.7521e+01	-7.2545e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	8.3913e+02	6.4509e+00	-1.0386e+02
	1119	0.0000e+00	0.0000e+00	0.0000e+00	6.3463e+02	5.6295e+01	-1.6201e+02
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	5.5957e+02	7.9527e+01	-1.0610e+02
	1128	0.0000e+00	0.0000e+00	0.0000e+00	6.7114e+02	7.4693e+01	-5.4316e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	7.3837e+02	3.2664e+01	-7.8321e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	5.8799e+02	7.9780e+01	-1.3018e+02
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	5.2564e+02	1.0223e+02	-9.1975e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	6.0765e+02	1.0538e+02	-5.6241e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	6.5373e+02	7.5920e+01	-6.6909e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	5.4562e+02	1.0227e+02	-1.0268e+02
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	5.0271e+02	1.1343e+02	-8.9207e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	5.7165e+02	1.1774e+02	-6.8498e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	5.9670e+02	1.0662e+02	-7.0551e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	5.1597e+02	1.1540e+02	-9.1269e+01
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	4.8945e+02	1.0926e+02	-9.0332e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	5.5702e+02	1.0799e+02	-8.1785e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	5.6512e+02	1.1718e+02	-8.2005e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	4.9718e+02	1.1639e+02	-9.0553e+01
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	4.7717e+02	8.4255e+01	-9.0613e+01

	1124	0.0000e+00	0.0000e+00	0.0000e+00	5.6197e+02	7.6794e+01	-9.0305e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	5.5404e+02	1.0458e+02	-9.3139e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	4.8570e+02	1.0326e+02	-9.3447e+01
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	5.0383e+02	3.4744e+01	-9.1506e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	5.3211e+02	2.6030e+01	-9.3066e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	5.5955e+02	7.6797e+01	-9.2271e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	4.7355e+02	6.6364e+01	-9.0708e+01
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	2.0251e+02	-8.9179e+01	-1.4192e+02
	1122	0.0000e+00	0.0000e+00	0.0000e+00	8.0769e+02	-2.6396e+01	-1.3492e+02
	1123	0.0000e+00	0.0000e+00	0.0000e+00	5.4771e+02	-2.1313e+01	-1.3724e+02
	1112	0.0000e+00	0.0000e+00	0.0000e+00	4.7477e+02	4.7019e+01	-1.4423e+02
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	3.1511e+02	-5.9904e+01	-1.2594e+02
	1120	0.0000e+00	0.0000e+00	0.0000e+00	5.9305e+02	4.5214e+00	-1.1048e+02
	1121	0.0000e+00	0.0000e+00	0.0000e+00	5.9060e+02	-5.4875e+00	-3.3267e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	3.4605e+02	-1.0949e+02	-4.8722e+01
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	3.0338e+02	4.2974e+01	-1.7832e+02
	1119	0.0000e+00	0.0000e+00	0.0000e+00	5.5841e+02	2.9205e+01	-1.5719e+02
	1120	0.0000e+00	0.0000e+00	0.0000e+00	5.6692e+02	1.1913e+01	-1.4688e+02
	1109	0.0000e+00	0.0000e+00	0.0000e+00	3.3381e+02	-2.5148e+01	-1.6801e+02
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	3.2260e+02	9.4247e+01	-1.4834e+02
	1118	0.0000e+00	0.0000e+00	0.0000e+00	5.1870e+02	6.7103e+01	-1.3984e+02
	1119	0.0000e+00	0.0000e+00	0.0000e+00	5.3815e+02	3.2611e+01	-1.7210e+02
	1108	0.0000e+00	0.0000e+00	0.0000e+00	3.1884e+02	7.5334e+01	-1.8061e+02
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	3.4821e+02	1.1084e+02	-1.1199e+02
	1117	0.0000e+00	0.0000e+00	0.0000e+00	4.9117e+02	9.4654e+01	-1.1088e+02
	1118	0.0000e+00	0.0000e+00	0.0000e+00	5.1146e+02	6.1546e+01	-1.4425e+02
	1107	0.0000e+00	0.0000e+00	0.0000e+00	3.3001e+02	1.1775e+02	-1.4537e+02
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	3.6315e+02	1.1401e+02	-9.6131e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	4.7481e+02	1.0910e+02	-9.4884e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	4.9016e+02	8.7315e+01	-1.1412e+02
	1106	0.0000e+00	0.0000e+00	0.0000e+00	3.5017e+02	1.2415e+02	-1.1538e+02
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	3.6449e+02	1.1380e+02	-9.6052e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	4.6316e+02	1.1229e+02	-9.1419e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	4.7388e+02	1.0393e+02	-9.9824e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	3.6238e+02	1.2067e+02	-1.0446e+02
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	3.5454e+02	1.0793e+02	-1.0081e+02
	1114	0.0000e+00	0.0000e+00	0.0000e+00	4.5210e+02	1.0269e+02	-9.2588e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	4.6019e+02	1.0942e+02	-9.7535e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	3.6168e+02	1.1492e+02	-1.0576e+02
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	3.3224e+02	8.3064e+01	-1.0409e+02
	1113	0.0000e+00	0.0000e+00	0.0000e+00	4.4616e+02	7.5324e+01	-9.4277e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	4.4777e+02	9.8490e+01	-9.9924e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	3.4879e+02	1.0299e+02	-1.0974e+02
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	3.5607e+02	2.3051e+01	-1.0478e+02
	1112	0.0000e+00	0.0000e+00	0.0000e+00	3.9763e+02	1.6872e+01	-9.8651e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	4.3973e+02	7.1247e+01	-9.7919e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	3.2530e+02	6.3401e+01	-1.0404e+02
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	1.8710e+01	-1.2181e+02	-1.5475e+02
	1111	0.0000e+00	0.0000e+00	0.0000e+00	7.1391e+02	-5.5677e+01	-1.4550e+02
	1112	0.0000e+00	0.0000e+00	0.0000e+00	4.1098e+02	-5.2489e+01	-1.5412e+02
	1101	0.0000e+00	0.0000e+00	0.0000e+00	3.2381e+02	3.2847e+01	-1.6336e+02
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	-9.5249e+01	-1.8399e+02	-1.7368e+02
	1109	0.0000e+00	0.0000e+00	0.0000e+00	2.6340e+02	-1.2286e+02	-1.3711e+02
	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.7006e+02	-1.7983e+02	-3.6557e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-3.4664e+01	-3.3702e+02	-7.3122e+01
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	-6.0731e+01	9.1295e+01	-1.6883e+02
	1108	0.0000e+00	0.0000e+00	0.0000e+00	2.1339e+02	3.6501e+01	-1.5822e+02
	1109	0.0000e+00	0.0000e+00	0.0000e+00	2.1836e+02	-6.0177e+01	-1.8543e+02
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-4.6177e+01	-5.5921e+01	-1.9605e+02
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	6.2234e+01	1.3913e+02	-7.4526e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	2.2821e+02	1.1591e+02	-1.3100e+02
	1108	0.0000e+00	0.0000e+00	0.0000e+00	2.1332e+02	5.1363e+01	-1.8398e+02
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-2.7159e+01	1.4313e+02	-1.2750e+02

1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.5958e+02	1.2906e+02	-5.1335e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	2.7575e+02	1.2689e+02	-1.0456e+02
	1107	0.0000e+00	0.0000e+00	0.0000e+00	2.4970e+02	9.8967e+01	-1.3131e+02
	1096	0.0000e+00	0.0000e+00	0.0000e+00	8.7569e+01	1.5489e+02	-7.8070e+01
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	2.1672e+02	1.0915e+02	-6.4437e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	3.1064e+02	1.1839e+02	-9.6206e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	2.9374e+02	1.0813e+02	-1.0114e+02
	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.7510e+02	1.2809e+02	-6.9372e+01
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	2.3712e+02	9.7843e+01	-9.2170e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	3.2341e+02	1.0952e+02	-1.0170e+02
	1105	0.0000e+00	0.0000e+00	0.0000e+00	3.1913e+02	1.0748e+02	-9.5996e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	2.2388e+02	1.0680e+02	-8.6470e+01
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	2.2757e+02	9.3855e+01	-1.1985e+02
	1103	0.0000e+00	0.0000e+00	0.0000e+00	3.1489e+02	9.8597e+01	-1.1049e+02
	1104	0.0000e+00	0.0000e+00	0.0000e+00	3.2254e+02	1.0609e+02	-1.0407e+02
	1093	0.0000e+00	0.0000e+00	0.0000e+00	2.3716e+02	9.6922e+01	-1.1342e+02
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.8750e+02	8.1564e+01	-1.3611e+02
	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.9899e+02	7.2326e+01	-1.1379e+02
	1103	0.0000e+00	0.0000e+00	0.0000e+00	3.0654e+02	9.7398e+01	-1.1535e+02
	1092	0.0000e+00	0.0000e+00	0.0000e+00	2.2100e+02	9.1544e+01	-1.3766e+02
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.9879e+02	2.4152e+01	-1.2891e+02
	1101	0.0000e+00	0.0000e+00	0.0000e+00	2.3291e+02	7.1316e+00	-1.1156e+02
	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.8543e+02	7.1187e+01	-1.1658e+02
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.7817e+02	6.1258e+01	-1.3393e+02
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	-2.1323e+02	-1.6054e+02	-1.7583e+02
	1100	0.0000e+00	0.0000e+00	0.0000e+00	5.9330e+02	-8.2094e+01	-1.6318e+02
	1101	0.0000e+00	0.0000e+00	0.0000e+00	2.4860e+02	-7.9659e+01	-1.7456e+02
	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.5651e+02	2.4477e+01	-1.8720e+02
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	-7.9847e+02	-4.0818e+02	-2.1002e+02
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.2577e+02	-2.5777e+02	-1.9040e+02
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-1.3744e+02	-4.5535e+02	-6.1414e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-7.5066e+02	-5.8501e+02	-8.1038e+01
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	-3.3950e+02	1.9207e+02	7.6044e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-2.0764e+02	1.7293e+02	-8.3656e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-2.5829e+02	-9.2707e+01	-2.6989e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-5.8298e+02	2.9260e+02	-1.1022e+02
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	-7.0044e+01	1.6030e+02	1.2883e+02
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-2.9428e+01	1.7713e+02	-3.8824e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.1561e+02	1.1447e+02	-7.6203e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-2.9241e+02	2.1253e+02	9.1418e+01
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	7.2889e+01	1.0146e+02	5.9620e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.1351e+02	1.3632e+02	-3.8452e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	3.1781e+01	1.3334e+02	-2.0195e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-2.6111e+01	1.2848e+02	7.7919e+01
1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.4419e+02	6.3154e+01	-1.4582e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	1.8927e+02	1.0119e+02	-6.3765e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	1.4530e+02	1.0944e+02	-3.0921e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	9.7400e+01	7.6210e+01	1.8547e+01
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.7030e+02	4.5839e+01	-8.4962e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	2.1692e+02	8.4515e+01	-1.0089e+02
	1094	0.0000e+00	0.0000e+00	0.0000e+00	2.0226e+02	8.9245e+01	-6.5268e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.5558e+02	5.0992e+01	-4.9337e+01
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	1.6244e+02	4.5390e+01	-1.4913e+02
	1092	0.0000e+00	0.0000e+00	0.0000e+00	2.0591e+02	7.8936e+01	-1.3810e+02
	1093	0.0000e+00	0.0000e+00	0.0000e+00	2.1641e+02	8.2558e+01	-1.0523e+02
	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.7211e+02	4.5330e+01	-1.1624e+02
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	1.0661e+02	5.4490e+01	-1.9990e+02
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.7021e+02	6.7659e+01	-1.6120e+02
	1092	0.0000e+00	0.0000e+00	0.0000e+00	1.9218e+02	8.3564e+01	-1.4149e+02
	1081	0.0000e+00	0.0000e+00	0.0000e+00	1.5548e+02	5.4371e+01	-1.8019e+02
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	6.9558e+01	5.7959e+01	-1.9824e+02
	1090	0.0000e+00	0.0000e+00	0.0000e+00	6.0841e+01	7.9873e+00	-1.4111e+02
	1091	0.0000e+00	0.0000e+00	0.0000e+00	1.3732e+02	8.4388e+01	-1.5486e+02



	1080	0.0000e+00	0.0000e+00	0.0000e+00	9.6658e+01	5.6805e+01	-2.1199e+02
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	-4.5325e+02	-2.0743e+02	-2.2000e+02
	1089	0.0000e+00	0.0000e+00	0.0000e+00	4.6226e+02	-1.1983e+02	-1.8587e+02
	1090	0.0000e+00	0.0000e+00	0.0000e+00	7.0712e+01	-9.1469e+01	-2.1018e+02
	1079	0.0000e+00	0.0000e+00	0.0000e+00	1.5839e+01	4.9806e+01	-2.4432e+02
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	-4.7528e+02	1.3308e+03	1.8068e+03
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-1.9158e+03	1.8977e+01	1.9911e+02
	1088	0.0000e+00	0.0000e+00	0.0000e+00	9.4295e+01	-1.0709e+03	-3.8786e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	-5.4469e+03	-1.1083e+03	1.2199e+03
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	-1.0576e+02	1.9381e+02	5.6913e+02
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-4.5243e+02	4.0368e+02	1.2937e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-1.3393e+03	1.2744e+02	3.4054e+02
	215	0.0000e+00	0.0000e+00	0.0000e+00	-2.9058e+01	-1.2124e+02	7.8030e+02
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	8.0964e+01	7.5193e+01	3.1143e+02
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-5.9474e+01	1.4229e+02	1.4599e+02
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-2.6706e+02	1.9253e+02	2.9048e+02
	214	0.0000e+00	0.0000e+00	0.0000e+00	-1.6978e+01	-5.4163e+01	4.5592e+02
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	1.3817e+02	5.1983e+00	1.3064e+02
	1084	0.0000e+00	0.0000e+00	0.0000e+00	9.7493e+01	6.7808e+01	6.6105e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-6.8483e+00	1.1402e+02	1.6699e+02
	213	0.0000e+00	0.0000e+00	0.0000e+00	1.2225e+02	-3.7491e+01	2.3153e+02
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	1.6227e+02	-3.0644e+01	1.3703e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.6053e+02	3.1941e+01	-1.4581e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	1.1728e+02	5.8798e+01	6.0092e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	1.5399e+02	-4.2413e+01	8.8035e+01
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	1.7472e+02	-4.3134e+01	-8.1083e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.8249e+02	2.1589e+01	-9.1834e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.6774e+02	2.9150e+01	-2.9189e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	1.6948e+02	-4.5668e+01	-1.8548e+01
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	1.8279e+02	-4.5170e+01	-1.6945e+02
	1081	0.0000e+00	0.0000e+00	0.0000e+00	1.7408e+02	2.7274e+01	-1.6727e+02
	1082	0.0000e+00	0.0000e+00	0.0000e+00	1.8283e+02	2.0696e+01	-1.0711e+02
	210	0.0000e+00	0.0000e+00	0.0000e+00	1.7779e+02	-4.2035e+01	-1.0930e+02
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	1.6984e+02	-4.1785e+01	-2.6271e+02
	1080	0.0000e+00	0.0000e+00	0.0000e+00	1.3708e+02	4.4420e+01	-2.4042e+02
	1081	0.0000e+00	0.0000e+00	0.0000e+00	1.6583e+02	2.7706e+01	-1.7871e+02
	209	0.0000e+00	0.0000e+00	0.0000e+00	1.8163e+02	-2.5090e+01	-2.0100e+02
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	2.2654e+02	-2.9479e+01	-3.4970e+02
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-8.1160e+01	3.6176e+01	-2.8416e+02
	1080	0.0000e+00	0.0000e+00	0.0000e+00	1.0123e+02	7.4136e+01	-2.2176e+02
	208	0.0000e+00	0.0000e+00	0.0000e+00	1.6773e+02	9.6273e+00	-2.8730e+02
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-7.8878e+02	-1.2531e+02	-4.0971e+02
	1078	0.0000e+00	0.0000e+00	0.0000e+00	4.0482e+02	-1.6734e+02	-1.9716e+02
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.6280e+02	-1.8190e+01	-3.1846e+02
	207	0.0000e+00	0.0000e+00	0.0000e+00	1.7092e+02	2.0597e+02	-5.3103e+02
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	2.3887e+03	1.4000e+02	1.2776e+02
	1077	0.0000e+00	0.0000e+00	0.0000e+00	1.0361e+03	-1.2657e+03	1.7279e+03
	20	0.0000e+00	0.0000e+00	0.0000e+00	6.1163e+03	1.5072e+03	1.1760e+03
	655	0.0000e+00	0.0000e+00	0.0000e+00	2.4515e+02	1.3048e+03	-4.2422e+02
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	9.5379e+02	-4.2913e+02	3.4597e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	5.8521e+02	-1.8837e+02	4.8812e+02
	1077	0.0000e+00	0.0000e+00	0.0000e+00	5.4794e+02	1.8895e+02	6.9931e+02
	1071	0.0000e+00	0.0000e+00	0.0000e+00	1.8231e+03	-3.0746e+01	2.4578e+02
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	5.9717e+02	-2.4669e+02	3.7628e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	3.8200e+02	-1.2298e+02	1.8645e+02
	1076	0.0000e+00	0.0000e+00	0.0000e+00	4.8837e+02	2.2087e+01	3.5595e+02
	1070	0.0000e+00	0.0000e+00	0.0000e+00	7.6374e+02	-2.2371e+02	2.0713e+02
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	5.5960e+02	-2.2869e+02	-7.7468e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	3.5219e+02	-5.9027e+01	-7.7553e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	3.5208e+02	-5.9041e+01	7.8125e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	5.5955e+02	-2.2874e+02	7.8210e+01
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	7.6392e+02	-2.2361e+02	-2.0645e+02
	1073	0.0000e+00	0.0000e+00	0.0000e+00	4.8881e+02	2.2193e+01	-3.5544e+02

	1074	0.0000e+00	0.0000e+00	0.0000e+00	3.8223e+02	-1.2287e+02	-1.8590e+02
	1068	0.0000e+00	0.0000e+00	0.0000e+00	5.9725e+02	-2.4668e+02	-3.6907e+01
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	1.8234e+03	-3.0714e+01	-2.4526e+02
	1072	0.0000e+00	0.0000e+00	0.0000e+00	5.4869e+02	1.8905e+02	-6.9895e+02
	1073	0.0000e+00	0.0000e+00	0.0000e+00	5.8576e+02	-1.8817e+02	-4.8766e+02
	1067	0.0000e+00	0.0000e+00	0.0000e+00	9.5399e+02	-4.2908e+02	-3.3995e+01
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	2.4605e+02	1.3049e+03	4.2481e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	6.1170e+03	1.5065e+03	-1.1756e+03
	1072	0.0000e+00	0.0000e+00	0.0000e+00	1.0368e+03	-1.2653e+03	-1.7276e+03
	1066	0.0000e+00	0.0000e+00	0.0000e+00	2.3890e+03	1.3981e+02	-1.2726e+02
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	5.2130e+02	3.6849e+02	-2.2627e+02
	1071	0.0000e+00	0.0000e+00	0.0000e+00	1.2340e+03	5.5539e+02	-2.8250e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	1.1481e+03	7.7784e+02	-1.1612e+02
	644	0.0000e+00	0.0000e+00	0.0000e+00	5.0404e+02	6.0202e+02	-5.9908e+01
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	6.8381e+02	-1.6591e+02	-1.1385e+02
	1070	0.0000e+00	0.0000e+00	0.0000e+00	8.2425e+02	-1.8685e+02	-1.0014e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	1.0148e+03	-2.2686e+02	-1.9939e+02
	1065	0.0000e+00	0.0000e+00	0.0000e+00	6.8375e+02	1.6511e+02	-3.0326e+02
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	5.9657e+02	-2.5195e+02	-4.5253e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	6.2002e+02	-2.4707e+02	5.8172e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	7.8914e+02	-2.6032e+02	6.3001e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	6.1709e+02	-1.4210e+02	-9.7255e+01
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	5.6973e+02	-2.4209e+02	5.0311e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	6.0094e+02	-2.5213e+02	5.0580e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	6.0091e+02	-2.5212e+02	-4.2283e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	5.6975e+02	-2.4211e+02	-4.2490e+00
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	6.1700e+02	-1.4213e+02	9.7967e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	7.8925e+02	-2.6032e+02	-5.7123e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	6.2008e+02	-2.4703e+02	-5.7413e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	5.9651e+02	-2.5200e+02	4.6012e+01
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	6.8358e+02	1.6503e+02	3.0386e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	1.0151e+03	-2.2693e+02	1.9997e+02
	1067	0.0000e+00	0.0000e+00	0.0000e+00	8.2440e+02	-1.8683e+02	1.0697e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	6.8369e+02	-1.6601e+02	1.1452e+02
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	5.0384e+02	6.0191e+02	6.0392e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	1.1484e+03	7.7778e+02	1.1663e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	1.2343e+03	5.5526e+02	2.8305e+02
	1060	0.0000e+00	0.0000e+00	0.0000e+00	5.2115e+02	3.6831e+02	2.2680e+02
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	1.7187e+02	2.2526e+02	-1.1330e+02
	1065	0.0000e+00	0.0000e+00	0.0000e+00	5.0454e+02	2.8580e+02	-1.8212e+02
	644	0.0000e+00	0.0000e+00	0.0000e+00	4.0879e+02	4.7319e+02	-7.5851e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	1.4260e+02	3.0201e+02	-7.7331e+00
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	2.7619e+02	-3.3117e+00	-1.1214e+02
	1064	0.0000e+00	0.0000e+00	0.0000e+00	5.3705e+02	-7.9317e+01	-1.7595e+02
	1065	0.0000e+00	0.0000e+00	0.0000e+00	4.6549e+02	1.3043e+02	-2.1282e+02
	1059	0.0000e+00	0.0000e+00	0.0000e+00	2.3148e+02	1.3356e+02	-1.4901e+02
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	3.2031e+02	-1.3717e+02	-4.8395e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	4.9328e+02	-2.0594e+02	-4.8102e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	5.1818e+02	-1.5896e+02	-1.2859e+02
	1058	0.0000e+00	0.0000e+00	0.0000e+00	2.9610e+02	-5.2356e+01	-1.2889e+02
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	3.2053e+02	-1.4842e+02	3.8977e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	4.8619e+02	-2.3282e+02	3.9078e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	4.8623e+02	-2.3276e+02	-3.8355e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	3.2060e+02	-1.4841e+02	-3.8458e+01
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	2.9579e+02	-5.2488e+01	1.2936e+02
	1061	0.0000e+00	0.0000e+00	0.0000e+00	5.1801e+02	-1.5910e+02	1.2926e+02
	1062	0.0000e+00	0.0000e+00	0.0000e+00	4.9320e+02	-2.0595e+02	4.8809e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	3.2015e+02	-1.3726e+02	4.8904e+01
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	2.3099e+02	1.3333e+02	1.4937e+02
	1060	0.0000e+00	0.0000e+00	0.0000e+00	4.6521e+02	1.3020e+02	2.1338e+02
	1061	0.0000e+00	0.0000e+00	0.0000e+00	5.3684e+02	-7.9403e+01	1.7658e+02
	1055	0.0000e+00	0.0000e+00	0.0000e+00	2.7580e+02	-3.5105e+00	1.1257e+02
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	1.4221e+02	3.0166e+02	7.6756e+00

	537	0.0000e+00	0.0000e+00	0.0000e+00	4.0836e+02	4.7290e+02	7.6259e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	5.0421e+02	2.8562e+02	1.8263e+02
	1054	0.0000e+00	0.0000e+00	0.0000e+00	1.7146e+02	2.2494e+02	1.1357e+02
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.1189e+02	1.2395e+02	-4.7196e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	1.3595e+02	1.6525e+02	-8.3093e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	8.8531e+01	2.4212e+02	-2.2920e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.2213e+02	1.5159e+02	1.4510e+01
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	7.5098e+01	2.8946e+01	-6.6503e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	1.9273e+02	-8.0968e+00	-1.1803e+02
	1059	0.0000e+00	0.0000e+00	0.0000e+00	1.2919e+02	1.1365e+02	-1.2071e+02
	1053	0.0000e+00	0.0000e+00	0.0000e+00	9.0731e+01	8.2926e+01	-6.9223e+01
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	6.7345e+01	-4.7976e+01	-2.9032e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	2.1656e+02	-1.1629e+02	-5.5618e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	1.8695e+02	-5.3475e+01	-1.0766e+02
	1052	0.0000e+00	0.0000e+00	0.0000e+00	6.7673e+01	-9.2539e+00	-8.1082e+01
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	6.8988e+01	-6.1171e+01	3.3568e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	2.1435e+02	-1.3429e+02	3.3770e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	2.1442e+02	-1.3419e+02	-3.3402e+01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	6.8648e+01	-6.1116e+01	-3.3617e+01
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	6.9289e+01	-9.5269e+00	8.0972e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	1.8671e+02	-5.3722e+01	1.0798e+02
	1056	0.0000e+00	0.0000e+00	0.0000e+00	2.1643e+02	-1.1634e+02	5.5988e+01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	6.8019e+01	-4.8119e+01	2.8982e+01
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	9.3637e+01	8.2491e+01	6.8934e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	1.2904e+02	1.1325e+02	1.2090e+02
	1055	0.0000e+00	0.0000e+00	0.0000e+00	1.9242e+02	-8.3184e+00	1.1831e+02
	1049	0.0000e+00	0.0000e+00	0.0000e+00	7.7206e+01	2.8629e+01	6.6329e+01
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.2594e+02	1.5095e+02	-1.4461e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	8.8879e+01	2.4157e+02	2.2795e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	1.3571e+02	1.6490e+02	8.3205e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.1501e+02	1.2342e+02	4.6777e+01
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	-3.2068e+02	5.8956e+01	-1.8380e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.5283e+02	8.3143e+01	-3.0416e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.7417e+02	1.1677e+02	8.4415e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	-3.1918e+02	6.3658e+01	1.9823e+01
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	-3.0324e+02	3.0085e+01	-3.7893e+01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.2510e+02	8.7418e+00	-6.1230e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.5610e+02	6.8218e+01	-5.9202e+01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-3.0907e+02	4.2374e+01	-3.6013e+01
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	-2.8625e+02	-5.2328e+00	-1.7470e+01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.0957e+02	-4.7905e+01	-3.3256e+01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.2828e+02	-8.6728e+00	-6.5187e+01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-2.9077e+02	1.3058e+01	-4.9392e+01
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	-2.8188e+02	-7.3496e+00	2.2173e+01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.1128e+02	-5.4779e+01	2.2469e+01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.1081e+02	-5.4644e+01	-2.2797e+01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-2.8143e+02	-7.2369e+00	-2.3148e+01
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	-2.9256e+02	1.2769e+01	4.8315e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.3000e+02	-9.0263e+00	6.4796e+01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-1.1045e+02	-4.8009e+01	3.2970e+01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-2.8714e+02	-5.2603e+00	1.6527e+01
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	-3.1217e+02	4.1704e+01	3.4553e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.5892e+02	6.7603e+01	5.8595e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-1.2724e+02	8.5071e+00	6.0805e+01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-3.0546e+02	2.9634e+01	3.6720e+01
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	-3.2360e+02	6.2655e+01	-2.0281e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.7806e+02	1.1590e+02	-7.7577e+00
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.5604e+02	8.2586e+01	2.9652e+01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-3.2420e+02	5.8177e+01	1.6489e+01
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	-5.3109e+02	1.4359e+01	-1.9340e+01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-3.6779e+02	2.7892e+01	-1.3810e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	-3.7226e+02	3.8882e+01	1.5642e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	-5.1629e+02	-9.3321e+00	1.3028e+01

1558 1040 0.0000e+00 0.0000e+00 0.0000e+00 -5.4008e+02 2.7928e+01 -3.6559e+01  
1046 0.0000e+00 0.0000e+00 0.0000e+00 -3.6406e+02 1.0320e+01 -3.5374e+01  
1047 0.0000e+00 0.0000e+00 0.0000e+00 -3.7452e+02 2.9917e+01 -3.5309e+01  
1041 0.0000e+00 0.0000e+00 0.0000e+00 -5.2720e+02 1.3828e+01 -3.6526e+01

1559 1039 0.0000e+00 0.0000e+00 0.0000e+00 -5.4173e+02 3.5911e+01 -1.8363e+01  
1045 0.0000e+00 0.0000e+00 0.0000e+00 -3.6207e+02 -6.5767e+00 -1.9010e+01  
1046 0.0000e+00 0.0000e+00 0.0000e+00 -3.7041e+02 1.0954e+01 -4.4754e+01  
1040 0.0000e+00 0.0000e+00 0.0000e+00 -5.3436e+02 2.6591e+01 -4.4091e+01

1560 1038 0.0000e+00 0.0000e+00 0.0000e+00 -5.3989e+02 3.5133e+01 1.7204e+01  
1044 0.0000e+00 0.0000e+00 0.0000e+00 -3.6510e+02 -6.5510e+00 1.7551e+01  
1045 0.0000e+00 0.0000e+00 0.0000e+00 -3.6463e+02 -6.4419e+00 -1.8898e+01  
1039 0.0000e+00 0.0000e+00 0.0000e+00 -5.3937e+02 3.5288e+01 -1.9395e+01

1561 1037 0.0000e+00 0.0000e+00 0.0000e+00 -5.3642e+02 2.6088e+01 4.1754e+01  
1043 0.0000e+00 0.0000e+00 0.0000e+00 -3.7226e+02 1.0516e+01 4.3274e+01  
1044 0.0000e+00 0.0000e+00 0.0000e+00 -3.6297e+02 -6.8273e+00 1.7717e+01  
1038 0.0000e+00 0.0000e+00 0.0000e+00 -5.4275e+02 3.5679e+01 1.6308e+01

1562 1036 0.0000e+00 0.0000e+00 0.0000e+00 -5.3085e+02 1.3272e+01 3.3581e+01  
1042 0.0000e+00 0.0000e+00 0.0000e+00 -3.7775e+02 2.9059e+01 3.3361e+01  
1043 0.0000e+00 0.0000e+00 0.0000e+00 -3.6635e+02 1.0036e+01 3.3825e+01  
1037 0.0000e+00 0.0000e+00 0.0000e+00 -5.4265e+02 2.7350e+01 3.4099e+01

1563 493 0.0000e+00 0.0000e+00 0.0000e+00 -5.2157e+02 -9.4753e+00 -1.2024e+01  
504 0.0000e+00 0.0000e+00 0.0000e+00 -3.7693e+02 3.7624e+01 -1.5734e+01  
1042 0.0000e+00 0.0000e+00 0.0000e+00 -3.7147e+02 2.7101e+01 1.1189e+01  
1036 0.0000e+00 0.0000e+00 0.0000e+00 -5.3527e+02 1.3709e+01 1.5616e+01

1564 1035 0.0000e+00 0.0000e+00 0.0000e+00 -7.5561e+02 -3.5856e+01 -4.4319e+01  
1041 0.0000e+00 0.0000e+00 0.0000e+00 -5.8031e+02 -2.0325e+01 -2.3652e+01  
600 0.0000e+00 0.0000e+00 0.0000e+00 -5.7084e+02 -2.5700e+01 1.2462e+01  
589 0.0000e+00 0.0000e+00 0.0000e+00 -7.2661e+02 -6.5256e+01 -2.2625e+01

1565 1034 0.0000e+00 0.0000e+00 0.0000e+00 -7.8243e+02 3.3355e+01 -5.7845e+01  
1040 0.0000e+00 0.0000e+00 0.0000e+00 -6.0220e+02 1.2138e+01 -3.7490e+01  
1041 0.0000e+00 0.0000e+00 0.0000e+00 -5.9403e+02 -9.3736e+00 -4.2725e+01  
1035 0.0000e+00 0.0000e+00 0.0000e+00 -7.5358e+02 -1.9429e+01 -6.2955e+01

1566 1033 0.0000e+00 0.0000e+00 0.0000e+00 -7.9190e+02 7.2493e+01 -2.7152e+01  
1039 0.0000e+00 0.0000e+00 0.0000e+00 -6.1701e+02 3.0848e+01 -1.7872e+01  
1040 0.0000e+00 0.0000e+00 0.0000e+00 -6.1310e+02 2.3632e+01 -4.8845e+01  
1034 0.0000e+00 0.0000e+00 0.0000e+00 -7.7883e+02 4.9188e+01 -5.8192e+01

1567 1032 0.0000e+00 0.0000e+00 0.0000e+00 -7.9100e+02 7.8530e+01 1.8615e+01  
1038 0.0000e+00 0.0000e+00 0.0000e+00 -6.2136e+02 3.5088e+01 1.8961e+01  
1039 0.0000e+00 0.0000e+00 0.0000e+00 -6.2083e+02 3.5323e+01 -2.1462e+01  
1033 0.0000e+00 0.0000e+00 0.0000e+00 -7.9046e+02 7.8784e+01 -2.2050e+01

1568 1031 0.0000e+00 0.0000e+00 0.0000e+00 -7.8105e+02 4.8402e+01 5.4566e+01  
1037 0.0000e+00 0.0000e+00 0.0000e+00 -6.1520e+02 2.3000e+01 4.6086e+01  
1038 0.0000e+00 0.0000e+00 0.0000e+00 -6.1803e+02 3.0649e+01 1.5317e+01  
1032 0.0000e+00 0.0000e+00 0.0000e+00 -7.9301e+02 7.2155e+01 2.3898e+01

1569 1030 0.0000e+00 0.0000e+00 0.0000e+00 -7.5758e+02 -2.0921e+01 5.8679e+01  
1036 0.0000e+00 0.0000e+00 0.0000e+00 -5.9777e+02 -9.9461e+00 3.9284e+01  
1037 0.0000e+00 0.0000e+00 0.0000e+00 -6.0481e+02 -1.1909e+01 3.4585e+01  
1031 0.0000e+00 0.0000e+00 0.0000e+00 -7.8522e+02 3.2610e+01 5.4097e+01

1570 482 0.0000e+00 0.0000e+00 0.0000e+00 -7.3243e+02 -6.7339e+01 1.5692e+01  
493 0.0000e+00 0.0000e+00 0.0000e+00 -5.7631e+02 -2.7281e+01 -9.5500e+00  
1036 0.0000e+00 0.0000e+00 0.0000e+00 -5.8459e+02 -2.1593e+01 1.9602e+01  
1030 0.0000e+00 0.0000e+00 0.0000e+00 -7.6020e+02 -3.7579e+01 3.9470e+01

1571 1029 0.0000e+00 0.0000e+00 0.0000e+00 -1.0180e+03 -8.3178e+01 -9.0432e+01  
1035 0.0000e+00 0.0000e+00 0.0000e+00 -8.0474e+02 -6.5836e+01 -5.5595e+01  
589 0.0000e+00 0.0000e+00 0.0000e+00 -7.8370e+02 -9.4786e+01 -2.6350e+01  
578 0.0000e+00 0.0000e+00 0.0000e+00 -9.7513e+02 -1.5152e+02 -5.8666e+01

1572 1028 0.0000e+00 0.0000e+00 0.0000e+00 -1.0319e+03 6.0757e+01 -8.1902e+01  
1034 0.0000e+00 0.0000e+00 0.0000e+00 -8.5002e+02 2.6245e+01 -5.6173e+01  
1035 0.0000e+00 0.0000e+00 0.0000e+00 -8.3026e+02 -3.1448e+01 -7.7303e+01  
1029 0.0000e+00 0.0000e+00 0.0000e+00 -1.0050e+03 -2.6518e+01 -1.0299e+02

1573 1027 0.0000e+00 0.0000e+00 0.0000e+00 -1.0134e+03 1.1573e+02 -2.5383e+01  
1033 0.0000e+00 0.0000e+00 0.0000e+00 -8.6966e+02 7.7251e+01 -2.5369e+01  
1034 0.0000e+00 0.0000e+00 0.0000e+00 -8.6005e+02 4.5120e+01 -6.6951e+01

	1028	0.0000e+00	0.0000e+00	0.0000e+00	-1.0230e+03	9.7154e+01	-6.7027e+01
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	-1.0106e+03	1.2752e+02	1.9476e+01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-8.7123e+02	8.1556e+01	1.9748e+01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-8.7067e+02	8.1846e+01	-2.3348e+01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-1.0101e+03	1.2793e+02	-2.3951e+01
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	-1.0251e+03	9.5935e+01	6.2222e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-8.6225e+02	4.4249e+01	6.2921e+01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-8.7071e+02	7.6883e+01	2.1481e+01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-1.0144e+03	1.1527e+02	2.1128e+01
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	-1.0088e+03	-2.8744e+01	9.7422e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-8.3420e+02	-3.3235e+01	7.2535e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-8.5276e+02	2.5608e+01	5.1917e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-1.0345e+03	5.9628e+01	7.6923e+01
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	-9.8073e+02	-1.5451e+02	5.1091e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-7.8955e+02	-9.7140e+01	1.8671e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-8.0928e+02	-6.7717e+01	5.0422e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-1.0224e+03	-8.5593e+01	8.4362e+01
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	-1.3951e+03	-1.7080e+02	-1.2141e+02
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-1.0592e+03	-1.1355e+02	-1.0243e+02
	578	0.0000e+00	0.0000e+00	0.0000e+00	-1.0429e+03	-2.0348e+02	-6.7785e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-1.3766e+03	-2.2869e+02	-8.5957e+01
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	-1.2157e+03	9.8806e+01	-5.7951e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-1.1142e+03	9.4204e+01	-5.8828e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-1.1142e+03	-4.5571e+01	-1.3724e+02
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-1.3133e+03	1.2769e+02	-8.4042e+01
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	-1.1085e+03	1.3333e+02	2.6191e+01
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-1.0792e+03	1.3630e+02	-2.5752e+01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-1.0895e+03	8.5791e+01	-5.3330e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-1.1920e+03	1.4913e+02	-2.5482e+00
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	-1.0997e+03	1.3699e+02	7.4535e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-1.0672e+03	1.2982e+02	6.8514e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-1.0666e+03	1.3019e+02	-6.7795e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-1.0993e+03	1.3725e+02	-7.4632e+00
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	-1.1936e+03	1.4767e+02	1.1124e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-1.0915e+03	8.4564e+01	4.8501e+01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-1.0801e+03	1.3572e+02	2.0734e+01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-1.1094e+03	1.3240e+02	-3.2839e+01
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	-1.3162e+03	1.2526e+02	7.7718e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-1.1178e+03	-4.8148e+01	1.3132e+02
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-1.1166e+03	9.2822e+01	5.3456e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-1.2178e+03	9.6962e+01	9.8316e+00
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	-1.3808e+03	-2.3268e+02	7.7110e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-1.0483e+03	-2.0671e+02	5.9507e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-1.0633e+03	-1.1623e+02	9.6094e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-1.3984e+03	-1.7432e+02	1.1433e+02
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	-1.4947e+03	4.7491e+02	6.6762e+02
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-1.8178e+03	-4.0029e+01	5.3053e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-1.1318e+03	-4.1541e+02	-2.2616e+02
	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.3164e+03	-3.0536e+02	3.9117e+02
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	-1.0594e+03	9.1417e+01	3.1042e+02
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-1.2946e+03	2.1521e+02	2.3511e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-1.5916e+03	3.8379e+01	8.1166e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-1.2909e+03	-8.0774e+01	3.6871e+02
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	-9.0134e+02	3.3527e+01	1.1683e+02
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-1.0878e+03	1.4587e+02	1.2119e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-1.1987e+03	1.2181e+02	1.0120e+02
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-9.8639e+02	5.2766e+01	2.0781e+02
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	-8.8069e+02	2.2021e+01	-5.0776e+01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-1.0664e+03	1.2531e+02	-5.0581e+01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-1.0664e+03	1.2565e+02	4.3295e+01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-8.8034e+02	2.5814e+01	4.3179e+01
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	-9.8736e+02	5.0461e+01	-2.1554e+02
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-1.1997e+03	1.2027e+02	-1.0848e+02

	1016	0.0000e+00	0.0000e+00	0.0000e+00	-1.0889e+03	1.4491e+02	-1.7697e+01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-9.0168e+02	3.6034e+01	-1.2437e+02
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	-1.2923e+03	-8.2748e+01	-3.7676e+02
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-1.5935e+03	-3.7692e+01	-8.8526e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-1.2966e+03	2.1301e+02	-3.0049e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-1.0604e+03	9.2284e+01	-3.1809e+02
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.3171e+03	-3.1496e+02	-3.9975e+02
	460	0.0000e+00	0.0000e+00	0.0000e+00	-1.1356e+03	-4.1952e+02	2.1700e+02
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-1.8205e+03	-4.2470e+01	-5.8918e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-1.4960e+03	4.7388e+02	-6.7542e+02
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	2.3890e+03	1.4011e+02	1.2729e+02
	1011	0.0000e+00	0.0000e+00	0.0000e+00	1.0370e+03	-1.2652e+03	1.7276e+03
	15	0.0000e+00	0.0000e+00	0.0000e+00	6.1171e+03	1.5073e+03	1.1758e+03
	421	0.0000e+00	0.0000e+00	0.0000e+00	2.4582e+02	1.3049e+03	-4.2452e+02
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	9.5401e+02	-4.2900e+02	3.3973e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	5.8581e+02	-1.8810e+02	4.8766e+02
	1011	0.0000e+00	0.0000e+00	0.0000e+00	5.4880e+02	1.8921e+02	6.9893e+02
	1005	0.0000e+00	0.0000e+00	0.0000e+00	1.8234e+03	-3.0536e+01	2.4523e+02
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	5.9724e+02	-2.4666e+02	3.6885e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	3.8223e+02	-1.2285e+02	1.8589e+02
	1010	0.0000e+00	0.0000e+00	0.0000e+00	4.8884e+02	2.2254e+01	3.5543e+02
	1004	0.0000e+00	0.0000e+00	0.0000e+00	7.6392e+02	-2.2354e+02	2.0642e+02
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	5.5951e+02	-2.2876e+02	-7.8233e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	3.5204e+02	-5.9054e+01	-7.8130e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	3.5217e+02	-5.9011e+01	7.7550e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	5.5957e+02	-2.2866e+02	7.7445e+01
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	7.6368e+02	-2.2378e+02	-2.0715e+02
	1007	0.0000e+00	0.0000e+00	0.0000e+00	4.8830e+02	2.2023e+01	-3.5596e+02
	1008	0.0000e+00	0.0000e+00	0.0000e+00	3.8195e+02	-1.2300e+02	-1.8646e+02
	1002	0.0000e+00	0.0000e+00	0.0000e+00	5.9712e+02	-2.4671e+02	-3.7651e+01
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	1.8231e+03	-3.0917e+01	-2.4581e+02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	5.4780e+02	1.8879e+02	-6.9932e+02
	1007	0.0000e+00	0.0000e+00	0.0000e+00	5.8512e+02	-1.8844e+02	-4.8813e+02
	1001	0.0000e+00	0.0000e+00	0.0000e+00	9.5373e+02	-4.2921e+02	-3.4615e+01
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	2.4522e+02	1.3047e+03	4.2450e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	6.1161e+03	1.5063e+03	-1.1758e+03
	1006	0.0000e+00	0.0000e+00	0.0000e+00	1.0358e+03	-1.2658e+03	-1.7280e+03
	1000	0.0000e+00	0.0000e+00	0.0000e+00	2.3887e+03	1.3970e+02	-1.2772e+02
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	5.2103e+02	3.6838e+02	-2.2677e+02
	1005	0.0000e+00	0.0000e+00	0.0000e+00	1.2342e+03	5.5544e+02	-2.8298e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	1.1484e+03	7.7781e+02	-1.1650e+02
	410	0.0000e+00	0.0000e+00	0.0000e+00	5.0374e+02	6.0193e+02	-6.0304e+01
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	6.8359e+02	-1.6594e+02	-1.1453e+02
	1004	0.0000e+00	0.0000e+00	0.0000e+00	8.2438e+02	-1.8674e+02	-1.0732e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	1.0150e+03	-2.2679e+02	-1.9997e+02
	999	0.0000e+00	0.0000e+00	0.0000e+00	6.8349e+02	1.6510e+02	-3.0383e+02
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	5.9643e+02	-2.5197e+02	-4.6035e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	6.2005e+02	-2.4700e+02	5.7381e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	7.8922e+02	-2.6027e+02	5.6791e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	6.1691e+02	-1.4207e+02	-9.7987e+01
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	5.6968e+02	-2.4212e+02	4.2166e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	6.0087e+02	-2.5213e+02	4.1902e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	6.0090e+02	-2.5212e+02	-5.0942e+00
	997	0.0000e+00	0.0000e+00	0.0000e+00	5.6965e+02	-2.4208e+02	-5.0559e+00
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	6.1703e+02	-1.4216e+02	9.7233e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	7.8910e+02	-2.6037e+02	-6.2989e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	6.1997e+02	-2.4710e+02	-5.8204e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	5.9650e+02	-2.5198e+02	4.5229e+01
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	6.8370e+02	1.6504e+02	3.0328e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	1.0148e+03	-2.2699e+02	1.9938e+02
	1001	0.0000e+00	0.0000e+00	0.0000e+00	8.2420e+02	-1.8695e+02	9.9625e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	6.8377e+02	-1.6598e+02	1.1384e+02
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	5.0396e+02	6.0200e+02	5.9990e+01

	314	0.0000e+00	0.0000e+00	0.0000e+00	1.1480e+03	7.7782e+02	1.1624e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	1.2340e+03	5.5520e+02	2.8256e+02
	994	0.0000e+00	0.0000e+00	0.0000e+00	5.2125e+02	3.6842e+02	2.2630e+02
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	1.7097e+02	2.2496e+02	-1.1354e+02
	999	0.0000e+00	0.0000e+00	0.0000e+00	5.0409e+02	2.8567e+02	-1.8258e+02
	410	0.0000e+00	0.0000e+00	0.0000e+00	4.0826e+02	4.7290e+02	-7.6189e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	1.4166e+02	3.0166e+02	-7.5683e+00
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	2.7547e+02	-3.3657e+00	-1.1256e+02
	998	0.0000e+00	0.0000e+00	0.0000e+00	5.3673e+02	-7.9348e+01	-1.7658e+02
	999	0.0000e+00	0.0000e+00	0.0000e+00	4.6508e+02	1.3026e+02	-2.1336e+02
	993	0.0000e+00	0.0000e+00	0.0000e+00	2.3062e+02	1.3335e+02	-1.4934e+02
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	3.1985e+02	-1.3724e+02	-4.8918e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	4.9308e+02	-2.0592e+02	-4.8833e+01
	998	0.0000e+00	0.0000e+00	0.0000e+00	5.1789e+02	-1.5905e+02	-1.2927e+02
	992	0.0000e+00	0.0000e+00	0.0000e+00	2.9548e+02	-5.2452e+01	-1.2936e+02
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	3.2031e+02	-1.4841e+02	3.8444e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	4.8612e+02	-2.3277e+02	3.8329e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	4.8607e+02	-2.3280e+02	-3.9104e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	3.2023e+02	-1.4841e+02	-3.8992e+01
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	2.9578e+02	-5.2384e+01	1.2888e+02
	995	0.0000e+00	0.0000e+00	0.0000e+00	5.1808e+02	-1.5901e+02	1.2858e+02
	996	0.0000e+00	0.0000e+00	0.0000e+00	4.9316e+02	-2.0596e+02	4.8077e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	3.2002e+02	-1.3719e+02	4.8382e+01
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	2.3105e+02	1.3354e+02	1.4904e+02
	994	0.0000e+00	0.0000e+00	0.0000e+00	4.6538e+02	1.3037e+02	2.1284e+02
	995	0.0000e+00	0.0000e+00	0.0000e+00	5.3695e+02	-7.9371e+01	1.7595e+02
	989	0.0000e+00	0.0000e+00	0.0000e+00	2.7584e+02	-3.3210e+00	1.1215e+02
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	1.4185e+02	3.0201e+02	7.7921e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	4.0862e+02	4.7319e+02	7.5915e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	5.0444e+02	2.8574e+02	1.8217e+02
	988	0.0000e+00	0.0000e+00	0.0000e+00	1.7127e+02	2.2524e+02	1.1333e+02
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.1361e+02	1.2341e+02	-4.6750e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	1.3496e+02	1.6492e+02	-8.3174e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	8.7809e+01	2.4156e+02	-2.2727e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.2471e+02	1.5094e+02	1.4393e+01
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	7.4981e+01	2.8618e+01	-6.6324e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	1.9185e+02	-8.2617e+00	-1.1830e+02
	993	0.0000e+00	0.0000e+00	0.0000e+00	1.2823e+02	1.1327e+02	-1.2087e+02
	987	0.0000e+00	0.0000e+00	0.0000e+00	9.1873e+01	8.2490e+01	-6.8909e+01
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	6.5366e+01	-4.8100e+01	-2.8993e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	2.1591e+02	-1.1633e+02	-5.5999e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	1.8612e+02	-5.3692e+01	-1.0798e+02
	986	0.0000e+00	0.0000e+00	0.0000e+00	6.6757e+01	-9.4443e+00	-8.0966e+01
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	6.5915e+01	-6.1114e+01	3.3620e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	2.1388e+02	-1.3420e+02	3.3392e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	2.1381e+02	-1.3428e+02	-3.3782e+01
	985	0.0000e+00	0.0000e+00	0.0000e+00	6.6337e+01	-6.1160e+01	-3.3576e+01
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	6.4790e+01	-9.2485e+00	8.1090e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	1.8631e+02	-5.3501e+01	1.0766e+02
	990	0.0000e+00	0.0000e+00	0.0000e+00	2.1602e+02	-1.1631e+02	5.5609e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	6.4521e+01	-4.7979e+01	2.9035e+01
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	8.8534e+01	8.2918e+01	6.9248e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	1.2822e+02	1.1363e+02	1.2073e+02
	989	0.0000e+00	0.0000e+00	0.0000e+00	1.9210e+02	-8.1260e+00	1.1804e+02
	983	0.0000e+00	0.0000e+00	0.0000e+00	7.2478e+01	2.8929e+01	6.6513e+01
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.2049e+02	1.5160e+02	-1.4569e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	8.7056e+01	2.4213e+02	2.2971e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	1.3502e+02	1.6523e+02	8.3124e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.1010e+02	1.2394e+02	4.7229e+01
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	-3.2333e+02	5.8144e+01	-1.6415e+01
	987	0.0000e+00	0.0000e+00	0.0000e+00	-1.5480e+02	8.2580e+01	-2.9617e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.7703e+02	1.1589e+02	7.5411e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-3.2276e+02	6.2617e+01	2.0159e+01

1621 980 0.0000e+00 0.0000e+00 0.0000e+00 -3.0450e+02 2.9595e+01 -3.6717e+01  
986 0.0000e+00 0.0000e+00 0.0000e+00 -1.2564e+02 8.4537e+00 -6.0799e+01  
987 0.0000e+00 0.0000e+00 0.0000e+00 -1.5769e+02 6.7599e+01 -5.8569e+01  
981 0.0000e+00 0.0000e+00 0.0000e+00 -3.1126e+02 4.1664e+01 -3.4514e+01

1622 979 0.0000e+00 0.0000e+00 0.0000e+00 -2.8609e+02 -5.1146e+00 -1.6560e+01  
985 0.0000e+00 0.0000e+00 0.0000e+00 -1.0853e+02 -4.7996e+01 -3.2981e+01  
986 0.0000e+00 0.0000e+00 0.0000e+00 -1.2843e+02 -8.9621e+00 -6.4791e+01  
980 0.0000e+00 0.0000e+00 0.0000e+00 -2.9155e+02 1.2681e+01 -4.8309e+01

1623 978 0.0000e+00 0.0000e+00 0.0000e+00 -2.8031e+02 -7.1763e+00 2.3185e+01  
984 0.0000e+00 0.0000e+00 0.0000e+00 -1.0883e+02 -5.4645e+01 2.2813e+01  
985 0.0000e+00 0.0000e+00 0.0000e+00 -1.0935e+02 -5.4769e+01 -2.2478e+01  
979 0.0000e+00 0.0000e+00 0.0000e+00 -2.8079e+02 -7.2573e+00 -2.2192e+01

1624 977 0.0000e+00 0.0000e+00 0.0000e+00 -2.8964e+02 1.3036e+01 4.9421e+01  
983 0.0000e+00 0.0000e+00 0.0000e+00 -1.2651e+02 -8.6855e+00 6.5198e+01  
984 0.0000e+00 0.0000e+00 0.0000e+00 -1.0753e+02 -4.7908e+01 3.3264e+01  
978 0.0000e+00 0.0000e+00 0.0000e+00 -2.8514e+02 -5.1577e+00 1.7515e+01

1625 976 0.0000e+00 0.0000e+00 0.0000e+00 -3.0798e+02 4.2376e+01 3.6078e+01  
982 0.0000e+00 0.0000e+00 0.0000e+00 -1.5461e+02 6.8215e+01 5.9231e+01  
983 0.0000e+00 0.0000e+00 0.0000e+00 -1.2326e+02 8.7348e+00 6.1247e+01  
977 0.0000e+00 0.0000e+00 0.0000e+00 -3.0216e+02 3.0075e+01 3.7932e+01

1626 274 0.0000e+00 0.0000e+00 0.0000e+00 -3.1812e+02 6.3681e+01 -1.9968e+01  
284 0.0000e+00 0.0000e+00 0.0000e+00 -1.7282e+02 1.1679e+02 -8.6260e+00  
982 0.0000e+00 0.0000e+00 0.0000e+00 -1.5129e+02 8.3144e+01 3.0470e+01  
976 0.0000e+00 0.0000e+00 0.0000e+00 -3.1963e+02 5.8963e+01 1.8514e+01

1627 975 0.0000e+00 0.0000e+00 0.0000e+00 -5.3447e+02 1.3436e+01 -1.5509e+01  
981 0.0000e+00 0.0000e+00 0.0000e+00 -3.7059e+02 2.7039e+01 -1.1083e+01  
377 0.0000e+00 0.0000e+00 0.0000e+00 -3.7610e+02 3.7568e+01 1.5518e+01  
366 0.0000e+00 0.0000e+00 0.0000e+00 -5.2078e+02 -9.0441e+00 1.1638e+01

1628 974 0.0000e+00 0.0000e+00 0.0000e+00 -5.4185e+02 2.7275e+01 -3.4113e+01  
980 0.0000e+00 0.0000e+00 0.0000e+00 -3.6543e+02 9.9286e+00 -3.3825e+01  
981 0.0000e+00 0.0000e+00 0.0000e+00 -3.7688e+02 2.9006e+01 -3.3317e+01  
975 0.0000e+00 0.0000e+00 0.0000e+00 -5.3004e+02 1.3008e+01 -3.3545e+01

1629 973 0.0000e+00 0.0000e+00 0.0000e+00 -5.4193e+02 3.5656e+01 -1.6395e+01  
979 0.0000e+00 0.0000e+00 0.0000e+00 -3.6202e+02 -6.7501e+00 -1.7757e+01  
980 0.0000e+00 0.0000e+00 0.0000e+00 -3.7135e+02 1.0432e+01 -4.3272e+01  
974 0.0000e+00 0.0000e+00 0.0000e+00 -5.3560e+02 2.6021e+01 -4.1765e+01

1630 972 0.0000e+00 0.0000e+00 0.0000e+00 -5.3852e+02 3.5277e+01 1.9494e+01  
978 0.0000e+00 0.0000e+00 0.0000e+00 -3.6365e+02 -6.4172e+00 1.8958e+01  
979 0.0000e+00 0.0000e+00 0.0000e+00 -3.6415e+02 -6.4822e+00 -1.7586e+01  
973 0.0000e+00 0.0000e+00 0.0000e+00 -5.3905e+02 3.5114e+01 -1.7273e+01

1631 971 0.0000e+00 0.0000e+00 0.0000e+00 -5.3346e+02 2.6581e+01 4.4154e+01  
977 0.0000e+00 0.0000e+00 0.0000e+00 -3.6941e+02 1.0956e+01 4.4795e+01  
978 0.0000e+00 0.0000e+00 0.0000e+00 -3.6107e+02 -6.5482e+00 1.9066e+01  
972 0.0000e+00 0.0000e+00 0.0000e+00 -5.4087e+02 3.5901e+01 1.8458e+01

1632 970 0.0000e+00 0.0000e+00 0.0000e+00 -5.2625e+02 1.3829e+01 3.6643e+01  
976 0.0000e+00 0.0000e+00 0.0000e+00 -3.7350e+02 2.9931e+01 3.5392e+01  
977 0.0000e+00 0.0000e+00 0.0000e+00 -3.6303e+02 1.0317e+01 3.5428e+01  
971 0.0000e+00 0.0000e+00 0.0000e+00 -5.3918e+02 2.7920e+01 3.6637e+01

1633 264 0.0000e+00 0.0000e+00 0.0000e+00 -5.1531e+02 -9.4489e+00 -1.3498e+01  
274 0.0000e+00 0.0000e+00 0.0000e+00 -3.7123e+02 3.8921e+01 -1.5891e+01  
976 0.0000e+00 0.0000e+00 0.0000e+00 -3.6674e+02 2.7911e+01 1.4028e+01  
970 0.0000e+00 0.0000e+00 0.0000e+00 -5.3014e+02 1.4373e+01 1.9587e+01

1634 969 0.0000e+00 0.0000e+00 0.0000e+00 -7.5950e+02 -3.7363e+01 -3.9442e+01  
975 0.0000e+00 0.0000e+00 0.0000e+00 -5.8379e+02 -2.1406e+01 -1.9532e+01  
366 0.0000e+00 0.0000e+00 0.0000e+00 -5.7553e+02 -2.7124e+01 8.9143e+00  
355 0.0000e+00 0.0000e+00 0.0000e+00 -7.3171e+02 -6.7196e+01 -1.5279e+01

1635 968 0.0000e+00 0.0000e+00 0.0000e+00 -7.8455e+02 3.2518e+01 -5.4142e+01  
974 0.0000e+00 0.0000e+00 0.0000e+00 -6.0402e+02 1.1726e+01 -3.4608e+01  
975 0.0000e+00 0.0000e+00 0.0000e+00 -5.9699e+02 -9.5915e+00 -3.9255e+01  
969 0.0000e+00 0.0000e+00 0.0000e+00 -7.5687e+02 -2.0579e+01 -5.8686e+01

1636 967 0.0000e+00 0.0000e+00 0.0000e+00 -7.9233e+02 7.2150e+01 -2.4032e+01  
973 0.0000e+00 0.0000e+00 0.0000e+00 -6.1725e+02 3.0630e+01 -1.5426e+01  
974 0.0000e+00 0.0000e+00 0.0000e+00 -6.1443e+02 2.2935e+01 -4.6108e+01



	968	0.0000e+00	0.0000e+00	0.0000e+00	-7.8036e+02	4.8359e+01	-5.4611e+01
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	-7.8976e+02	7.8785e+01	2.2205e+01
	972	0.0000e+00	0.0000e+00	0.0000e+00	-6.2003e+02	3.5321e+01	2.1564e+01
	973	0.0000e+00	0.0000e+00	0.0000e+00	-6.2059e+02	3.5076e+01	-1.9056e+01
	967	0.0000e+00	0.0000e+00	0.0000e+00	-7.9032e+02	7.8528e+01	-1.8769e+01
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	-7.7807e+02	4.9187e+01	5.8261e+01
	971	0.0000e+00	0.0000e+00	0.0000e+00	-6.1225e+02	2.3637e+01	4.8909e+01
	972	0.0000e+00	0.0000e+00	0.0000e+00	-6.1620e+02	3.0842e+01	1.8003e+01
	966	0.0000e+00	0.0000e+00	0.0000e+00	-7.9119e+02	7.2493e+01	2.7263e+01
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	-7.5275e+02	-1.9391e+01	6.3056e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-5.9312e+02	-9.4111e+00	4.2845e+01
	971	0.0000e+00	0.0000e+00	0.0000e+00	-6.0132e+02	1.2129e+01	3.7582e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-7.8167e+02	3.3350e+01	5.7916e+01
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	-7.2573e+02	-6.5245e+01	2.3085e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-5.6987e+02	-2.5743e+01	-1.3064e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-5.7936e+02	-2.0330e+01	2.3888e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-7.5478e+02	-3.5824e+01	4.4491e+01
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.0219e+03	-8.5370e+01	-8.4393e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-8.0860e+02	-6.7556e+01	-5.0421e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	-7.8887e+02	-9.7015e+01	-1.8225e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-9.8021e+02	-1.5433e+02	-5.0975e+01
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.0341e+03	5.9583e+01	-7.7004e+01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-8.5212e+02	2.5464e+01	-5.1971e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-8.3354e+02	-3.2996e+01	-7.2554e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.0083e+03	-2.8250e+01	-9.7474e+01
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.0139e+03	1.1528e+02	-2.1406e+01
	967	0.0000e+00	0.0000e+00	0.0000e+00	-8.7009e+02	7.6882e+01	-2.1643e+01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-8.6162e+02	4.4205e+01	-6.2980e+01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.0246e+03	9.5926e+01	-6.2317e+01
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	-1.0096e+03	1.2793e+02	2.4163e+01
	966	0.0000e+00	0.0000e+00	0.0000e+00	-8.7003e+02	8.1850e+01	2.3497e+01
	967	0.0000e+00	0.0000e+00	0.0000e+00	-8.7061e+02	8.1556e+01	-1.9952e+01
	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.0101e+03	1.2753e+02	-1.9763e+01
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	-1.0224e+03	9.7157e+01	6.7088e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-8.5936e+02	4.5126e+01	6.7008e+01
	966	0.0000e+00	0.0000e+00	0.0000e+00	-8.6901e+02	7.7252e+01	2.5532e+01
	960	0.0000e+00	0.0000e+00	0.0000e+00	-1.0129e+03	1.1573e+02	2.5562e+01
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.0044e+03	-2.6415e+01	1.0304e+02
	964	0.0000e+00	0.0000e+00	0.0000e+00	-8.2949e+02	-3.1426e+01	7.7390e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-8.4930e+02	2.6231e+01	5.6262e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	-1.0313e+03	6.0759e+01	8.1946e+01
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	-9.7449e+02	-1.5145e+02	5.8913e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-7.8286e+02	-9.4766e+01	2.6815e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-8.0392e+02	-6.5800e+01	5.5744e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.0174e+03	-8.3108e+01	9.0529e+01
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.3983e+03	-1.7399e+02	-1.1442e+02
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.0628e+03	-1.1597e+02	-9.6146e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-1.0479e+03	-2.0652e+02	-5.9365e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-1.3806e+03	-2.3233e+02	-7.7084e+01
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	-1.2176e+03	9.6931e+01	-1.0739e+01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.1162e+03	9.2793e+01	-5.3575e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.1174e+03	-4.7787e+01	-1.3138e+02
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.3160e+03	1.2520e+02	-7.7848e+01
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	-1.1092e+03	1.3242e+02	3.3102e+01
	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.0797e+03	1.3573e+02	-2.1025e+01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.0911e+03	8.4552e+01	-4.8657e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-1.1934e+03	1.4769e+02	-1.1978e+01
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	-1.0991e+03	1.3726e+02	8.2499e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	-1.0662e+03	1.3020e+02	7.4371e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.0668e+03	1.2983e+02	-7.8454e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-1.0994e+03	1.3699e+02	-8.5903e+00
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	-1.1918e+03	1.4913e+02	3.5026e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	-1.0890e+03	8.5795e+01	5.3381e+01

	960	0.0000e+00	0.0000e+00	0.0000e+00	-1.0788e+03	1.3630e+02	2.5992e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-1.1083e+03	1.3333e+02	-2.6445e+01
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.3131e+03	1.2768e+02	8.4055e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.1138e+03	-4.5479e+01	1.3726e+02
	959	0.0000e+00	0.0000e+00	0.0000e+00	-1.1137e+03	9.4197e+01	5.8919e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-1.2155e+03	9.8791e+01	6.3863e+00
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	-1.3764e+03	-2.2847e+02	8.6146e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.0423e+03	-2.0339e+02	6.8025e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-1.0586e+03	-1.1344e+02	1.0251e+02
	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.3949e+03	-1.7067e+02	1.2145e+02
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.4960e+03	4.7372e+02	6.7540e+02
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.8204e+03	-4.1013e+01	5.8776e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-1.1353e+03	-4.1922e+02	-2.1706e+02
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.3171e+03	-3.1270e+02	3.9970e+02
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	-1.0604e+03	9.1616e+01	3.1812e+02
	954	0.0000e+00	0.0000e+00	0.0000e+00	-1.2965e+03	2.1302e+02	3.0230e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.5934e+03	-3.7127e+01	8.8545e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	-1.2923e+03	-7.9933e+01	3.7677e+02
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	-9.0167e+02	3.5041e+01	1.2446e+02
	952	0.0000e+00	0.0000e+00	0.0000e+00	-1.0887e+03	1.4493e+02	1.8082e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-1.1996e+03	1.2029e+02	1.0855e+02
	955	0.0000e+00	0.0000e+00	0.0000e+00	-9.8734e+02	4.9729e+01	2.1559e+02
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-8.8034e+02	2.5761e+01	-4.3372e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-1.0663e+03	1.2565e+02	-4.3467e+01
	952	0.0000e+00	0.0000e+00	0.0000e+00	-1.0663e+03	1.2533e+02	5.0771e+01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-8.8067e+02	2.2075e+01	5.0983e+01
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-9.8638e+02	5.2588e+01	-2.0784e+02
	948	0.0000e+00	0.0000e+00	0.0000e+00	-1.1986e+03	1.2181e+02	-1.0130e+02
	950	0.0000e+00	0.0000e+00	0.0000e+00	-1.0877e+03	1.4587e+02	-1.2953e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-9.0133e+02	3.2790e+01	-1.1690e+02
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-1.2909e+03	-7.8991e+01	-3.6875e+02
	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.5915e+03	3.8190e+01	-8.1365e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-1.2945e+03	2.1519e+02	-2.4021e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-1.0594e+03	9.0792e+01	-3.1045e+02
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3163e+03	-3.0384e+02	-3.9126e+02
	234	0.0000e+00	0.0000e+00	0.0000e+00	-1.1313e+03	-4.1519e+02	2.2619e+02
	946	0.0000e+00	0.0000e+00	0.0000e+00	-1.8177e+03	-3.9214e+01	-5.3455e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-1.4947e+03	4.7475e+02	-6.6766e+02
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	2.1999e+03	-1.2529e+01	1.3947e+02
	945	0.0000e+00	0.0000e+00	0.0000e+00	9.3223e+02	-1.1075e+03	1.7163e+03
	18	0.0000e+00	0.0000e+00	0.0000e+00	5.9201e+03	1.3517e+03	1.1428e+03
	538	0.0000e+00	0.0000e+00	0.0000e+00	3.7694e+02	1.3994e+03	-4.3405e+02
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	7.7492e+02	-3.5651e+02	8.6197e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	4.7594e+02	-1.7035e+02	5.0139e+02
	945	0.0000e+00	0.0000e+00	0.0000e+00	5.0057e+02	1.5965e+02	7.2283e+02
	938	0.0000e+00	0.0000e+00	0.0000e+00	1.5834e+03	-9.5562e+01	3.0763e+02
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	4.3362e+02	-2.0597e+02	9.0648e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	2.9278e+02	-1.1503e+02	2.2173e+02
	944	0.0000e+00	0.0000e+00	0.0000e+00	3.7408e+02	2.3916e+00	3.6825e+02
	937	0.0000e+00	0.0000e+00	0.0000e+00	6.1516e+02	-1.9888e+02	2.3717e+02
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	3.4269e+02	-1.8816e+02	-4.8938e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	2.4900e+02	-8.6540e+01	2.5357e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	2.5805e+02	-5.9457e+01	1.4141e+02
	936	0.0000e+00	0.0000e+00	0.0000e+00	3.9424e+02	-1.8909e+02	1.1116e+02
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	3.9635e+02	-1.9324e+02	-1.1739e+02
	941	0.0000e+00	0.0000e+00	0.0000e+00	2.5973e+02	-6.3243e+01	-1.4932e+02
	942	0.0000e+00	0.0000e+00	0.0000e+00	2.4921e+02	-8.7433e+01	-3.3120e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	3.4287e+02	-1.8898e+02	-1.2040e+00
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	6.1978e+02	-2.0783e+02	-2.4389e+02
	940	0.0000e+00	0.0000e+00	0.0000e+00	3.7792e+02	-6.1414e+00	-3.7685e+02
	941	0.0000e+00	0.0000e+00	0.0000e+00	2.9494e+02	-1.2059e+02	-2.2983e+02
	934	0.0000e+00	0.0000e+00	0.0000e+00	4.3613e+02	-2.1173e+02	-9.6865e+01
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	1.5916e+03	-1.0879e+02	-3.1555e+02

	939	0.0000e+00	0.0000e+00	0.0000e+00	5.0617e+02	1.4798e+02	-7.3287e+02
	940	0.0000e+00	0.0000e+00	0.0000e+00	4.8044e+02	-1.8008e+02	-5.1025e+02
	933	0.0000e+00	0.0000e+00	0.0000e+00	7.7999e+02	-3.6705e+02	-9.2920e+01
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	3.8043e+02	1.3810e+03	4.2230e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	5.9372e+03	1.3409e+03	-1.1571e+03
	939	0.0000e+00	0.0000e+00	0.0000e+00	9.3939e+02	-1.1222e+03	-1.7280e+03
	932	0.0000e+00	0.0000e+00	0.0000e+00	2.2081e+03	-2.4374e+01	-1.4866e+02
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	4.9864e+02	3.8161e+02	-1.9765e+02
	938	0.0000e+00	0.0000e+00	0.0000e+00	1.1958e+03	4.1517e+02	-2.6737e+02
	538	0.0000e+00	0.0000e+00	0.0000e+00	1.0928e+03	8.6489e+02	-1.2422e+02
	527	0.0000e+00	0.0000e+00	0.0000e+00	4.6186e+02	6.1313e+02	-5.4507e+01
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	5.9771e+02	-1.8553e+02	-9.3191e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	6.9500e+02	-1.9279e+02	6.3786e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	9.6269e+02	-2.2069e+02	-1.3238e+02
	931	0.0000e+00	0.0000e+00	0.0000e+00	6.4486e+02	1.6300e+02	-2.8933e+02
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	4.4272e+02	-2.3461e+02	-3.1956e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	4.5661e+02	-2.2283e+02	9.5104e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	6.5375e+02	-2.1673e+02	5.9193e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	5.0024e+02	-1.3333e+02	-6.7897e+01
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	3.6735e+02	-2.3677e+02	-1.5445e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	3.7870e+02	-2.1262e+02	2.3568e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	4.2705e+02	-2.0881e+02	3.7900e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	3.9709e+02	-2.1319e+02	-1.5336e+00
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	3.9907e+02	-2.1733e+02	-2.7855e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	4.2916e+02	-2.1298e+02	-4.3584e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	3.7893e+02	-2.1347e+02	-2.9255e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	3.6755e+02	-2.3767e+02	1.1584e+01
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	5.0476e+02	-1.4253e+02	6.4021e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	6.5851e+02	-2.2576e+02	-6.5136e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	4.5925e+02	-2.2872e+02	-1.0095e+02
	927	0.0000e+00	0.0000e+00	0.0000e+00	4.4513e+02	-2.4054e+02	2.8190e+01
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	6.5329e+02	1.4856e+02	2.8513e+02
	932	0.0000e+00	0.0000e+00	0.0000e+00	9.7021e+02	-2.3424e+02	1.2552e+02
	933	0.0000e+00	0.0000e+00	0.0000e+00	7.0053e+02	-2.0357e+02	-7.0046e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	6.0279e+02	-1.9659e+02	8.9571e+01
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	4.7597e+02	5.9334e+02	4.9212e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	1.1071e+03	8.4680e+02	1.1398e+02
	932	0.0000e+00	0.0000e+00	0.0000e+00	1.2050e+03	4.0034e+02	2.5877e+02
	925	0.0000e+00	0.0000e+00	0.0000e+00	5.0793e+02	3.6521e+02	1.9400e+02
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	1.3917e+02	2.4407e+02	-1.3113e+02
	931	0.0000e+00	0.0000e+00	0.0000e+00	4.6809e+02	3.0149e+02	-1.8675e+02
	527	0.0000e+00	0.0000e+00	0.0000e+00	3.8096e+02	4.9064e+02	-7.6634e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	1.1667e+02	3.2856e+02	-2.1113e+01
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	2.3026e+02	-1.3378e+01	-1.2857e+02
	930	0.0000e+00	0.0000e+00	0.0000e+00	4.5762e+02	-9.1887e+01	-1.6734e+02
	931	0.0000e+00	0.0000e+00	0.0000e+00	4.0916e+02	1.2537e+02	-2.1322e+02
	924	0.0000e+00	0.0000e+00	0.0000e+00	2.0187e+02	1.3823e+02	-1.7445e+02
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	2.3993e+02	-1.5341e+02	-7.4354e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	3.6898e+02	-1.9846e+02	-4.5802e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	4.3215e+02	-1.5111e+02	-1.1654e+02
	923	0.0000e+00	0.0000e+00	0.0000e+00	2.3395e+02	-5.5208e+01	-1.4509e+02
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	2.2350e+02	-1.8852e+02	-1.0652e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	3.2891e+02	-2.2942e+02	4.2529e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	3.5498e+02	-2.1975e+02	-4.6947e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	2.2703e+02	-1.5863e+02	-6.1846e+01
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	2.2827e+02	-1.6243e+02	5.9757e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	3.5684e+02	-2.2402e+02	4.3526e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	3.2902e+02	-2.3015e+02	-7.8756e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	2.2365e+02	-1.8938e+02	8.4898e+00
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	2.3702e+02	-6.3752e+01	1.4376e+02
	926	0.0000e+00	0.0000e+00	0.0000e+00	4.3642e+02	-1.6042e+02	1.1350e+02
	927	0.0000e+00	0.0000e+00	0.0000e+00	3.7117e+02	-2.0425e+02	4.2280e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	2.4152e+02	-1.5897e+02	7.2548e+01

1684	918	0.0000e+00	0.0000e+00	0.0000e+00	2.0798e+02	1.2466e+02	1.7446e+02
	925	0.0000e+00	0.0000e+00	0.0000e+00	4.1698e+02	1.1081e+02	2.1064e+02
	926	0.0000e+00	0.0000e+00	0.0000e+00	4.6247e+02	-1.0291e+02	1.6399e+02
	919	0.0000e+00	0.0000e+00	0.0000e+00	2.3395e+02	-2.3798e+01	1.2781e+02
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	1.2764e+02	3.0958e+02	2.2928e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	3.9481e+02	4.7034e+02	7.4299e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	4.7704e+02	2.8503e+02	1.8343e+02
	918	0.0000e+00	0.0000e+00	0.0000e+00	1.4644e+02	2.2827e+02	1.3206e+02
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.2740e+02	1.3661e+02	-7.8723e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	1.1521e+02	1.8466e+02	-1.0896e+02
	516	0.0000e+00	0.0000e+00	0.0000e+00	7.5742e+01	2.6334e+02	-3.8223e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	-1.3736e+02	1.7027e+02	-8.6010e+00
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	8.7682e+01	2.0075e+01	-1.0468e+02
	923	0.0000e+00	0.0000e+00	0.0000e+00	1.5708e+02	-1.0432e+01	-1.4711e+02
	924	0.0000e+00	0.0000e+00	0.0000e+00	9.9904e+01	1.1445e+02	-1.4910e+02
	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.0203e+02	8.8052e+01	-1.0667e+02
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	7.2184e+01	-7.4198e+01	-6.9502e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	1.6173e+02	-1.2986e+02	-8.5584e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	1.4516e+02	-6.3014e+01	-1.3556e+02
	916	0.0000e+00	0.0000e+00	0.0000e+00	7.7118e+01	-1.9151e+01	-1.1948e+02
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	7.0811e+01	-1.1101e+02	-4.8927e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	1.5565e+02	-1.7348e+02	-6.8857e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	1.5566e+02	-1.5441e+02	-7.0262e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	7.1219e+01	-9.0556e+01	-6.8248e+01
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	7.2289e+01	-9.3648e+01	6.6658e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	1.5675e+02	-1.5843e+02	6.8363e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	1.5559e+02	-1.7399e+02	4.8219e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	7.1023e+01	-1.1172e+02	3.5192e+00
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	7.9402e+01	-2.6007e+01	1.1937e+02
	919	0.0000e+00	0.0000e+00	0.0000e+00	1.4774e+02	-7.1674e+01	1.3481e+02
	920	0.0000e+00	0.0000e+00	0.0000e+00	1.6276e+02	-1.3495e+02	8.3717e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	7.3679e+01	-7.8759e+01	6.8301e+01
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	1.0434e+02	7.7207e+01	1.0931e+02
	918	0.0000e+00	0.0000e+00	0.0000e+00	1.0511e+02	1.0089e+02	1.5035e+02
	919	0.0000e+00	0.0000e+00	0.0000e+00	1.5979e+02	-2.0248e+01	1.4637e+02
	912	0.0000e+00	0.0000e+00	0.0000e+00	9.0020e+01	1.1454e+01	1.0534e+02
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.3800e+02	1.5551e+02	1.4944e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	8.4968e+01	2.4448e+02	4.2442e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	1.2095e+02	1.6967e+02	1.1010e+02
	911	0.0000e+00	0.0000e+00	0.0000e+00	-1.2887e+02	1.2384e+02	8.2606e+01
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	-3.1501e+02	6.1280e+01	-5.0985e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.5965e+02	9.4628e+01	-6.3720e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	-1.8075e+02	1.2961e+02	-1.7846e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	-3.1644e+02	7.0950e+01	6.6615e+00
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	-2.9322e+02	1.9643e+01	-7.9526e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.3127e+02	4.2568e+00	-1.0337e+02
	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.6684e+02	6.8572e+01	-9.7444e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-2.9927e+02	4.1570e+01	-7.3603e+01
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	-2.7173e+02	-2.1744e+01	-5.6974e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.1613e+02	-6.9272e+01	-7.3355e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.3766e+02	-2.2280e+01	-1.0774e+02
	909	0.0000e+00	0.0000e+00	0.0000e+00	-2.7747e+02	-2.4180e+00	-9.1357e+01
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	-2.6221e+02	-4.1736e+01	-3.4172e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.1369e+02	-1.0062e+02	-8.0678e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.1947e+02	-8.3976e+01	-6.3086e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-2.6382e+02	-3.3127e+01	-5.8319e+01
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	-2.6637e+02	-3.5274e+01	5.5293e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	-1.2073e+02	-8.7343e+01	6.1175e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	-1.1412e+02	-1.0084e+02	5.9644e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	-2.6258e+02	-4.2186e+01	2.8862e+00
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	-2.8286e+02	-5.9206e+00	9.0246e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	-1.4030e+02	-2.9264e+01	1.0757e+02
	913	0.0000e+00	0.0000e+00	0.0000e+00	-1.1826e+02	-7.3069e+01	7.1659e+01

	906	0.0000e+00	0.0000e+00	0.0000e+00	-2.7497e+02	-2.4805e+01	5.4395e+01
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	-3.0720e+02	3.4673e+01	7.6047e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	-1.7012e+02	5.7846e+01	1.0048e+02
	912	0.0000e+00	0.0000e+00	0.0000e+00	-1.3476e+02	-3.3284e+00	1.0359e+02
	905	0.0000e+00	0.0000e+00	0.0000e+00	-2.9914e+02	1.3937e+01	7.9203e+01
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	-3.2661e+02	6.2408e+01	1.2822e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.8339e+02	1.1518e+02	2.5545e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	-1.6366e+02	8.3523e+01	6.7348e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	-3.2318e+02	5.3295e+01	5.4656e+01
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	-5.0325e+02	-9.0344e+00	-4.4870e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-3.5261e+02	2.8691e+01	-4.4671e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	-3.6058e+02	4.0696e+01	-1.1187e+01
	483	0.0000e+00	0.0000e+00	0.0000e+00	-4.9462e+02	-1.0956e+01	-1.1530e+01
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	-5.0278e+02	1.4229e+01	-7.1409e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-3.4211e+02	-2.6106e+00	-7.6351e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-3.6072e+02	2.4807e+01	-7.1865e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-4.9399e+02	-8.0425e+00	-6.6893e+01
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	-4.9512e+02	1.6506e+01	-5.1535e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-3.3442e+02	-2.3990e+01	-5.7591e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-3.4989e+02	-4.7401e+00	-8.6109e+01
	902	0.0000e+00	0.0000e+00	0.0000e+00	-4.9168e+02	1.1960e+01	-8.0043e+01
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	-4.9005e+02	1.5252e+01	-5.0284e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	-3.3369e+02	-3.6317e+01	-6.8373e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	-3.3867e+02	-2.8428e+01	-5.3738e+01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-4.8867e+02	1.4593e+01	-5.1859e+01
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	-4.9305e+02	1.3611e+01	4.5241e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	-3.4157e+02	-3.0885e+01	4.9770e+01
	907	0.0000e+00	0.0000e+00	0.0000e+00	-3.3444e+02	-3.6217e+01	3.4454e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	-4.9069e+02	1.5146e+01	4.6425e+00
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	-5.0130e+02	9.6705e+00	7.5345e+01
	905	0.0000e+00	0.0000e+00	0.0000e+00	-3.5641e+02	-9.2856e+00	8.4101e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	-3.3885e+02	-2.6173e+01	5.4009e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	-5.0078e+02	1.5238e+01	4.5382e+01
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	-5.0923e+02	-5.5021e+00	6.5710e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	-3.7080e+02	1.8059e+01	7.3513e+01
	905	0.0000e+00	0.0000e+00	0.0000e+00	-3.5022e+02	-3.0210e+00	7.5071e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-5.1364e+02	1.1696e+01	6.7345e+01
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	-5.1623e+02	-1.0141e+01	1.4262e+01
	829	0.0000e+00	0.0000e+00	0.0000e+00	-3.7397e+02	3.2576e+01	1.7234e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	-3.6436e+02	2.2696e+01	4.7476e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	-5.1973e+02	-6.7590e+00	4.4581e+01
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	-7.0828e+02	-5.1904e+01	-5.6674e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-5.4345e+02	-2.8728e+01	-4.5590e+01
	483	0.0000e+00	0.0000e+00	0.0000e+00	-5.4115e+02	-3.4689e+01	-1.3968e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	-6.8882e+02	-7.9146e+01	-2.4028e+01
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	-7.1740e+02	1.5516e+01	-7.7232e+01
	902	0.0000e+00	0.0000e+00	0.0000e+00	-5.5368e+02	-4.1498e+00	-6.8699e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-5.5662e+02	-1.5242e+01	-7.0235e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-6.9855e+02	-2.9221e+01	-7.8691e+01
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	-7.0893e+02	5.1050e+01	-4.9047e+01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-5.5733e+02	1.4978e+01	-5.0407e+01
	902	0.0000e+00	0.0000e+00	0.0000e+00	-5.6241e+02	6.9442e+00	-8.0482e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-7.0725e+02	3.0733e+01	-7.9116e+01
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	-7.0228e+02	6.2130e+01	-6.7469e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	-5.5874e+02	1.9424e+01	-7.9288e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	-5.6023e+02	1.7184e+01	-4.9375e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-7.0318e+02	5.7538e+01	-4.8212e+01
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	-7.0896e+02	5.7245e+01	3.6250e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	-5.6491e+02	1.6078e+01	4.1266e+01
	900	0.0000e+00	0.0000e+00	0.0000e+00	-5.5975e+02	1.9785e+01	3.7344e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	-7.0317e+02	6.2355e+01	-8.2468e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	-7.2020e+02	3.0608e+01	6.8547e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-5.7304e+02	4.7698e+00	7.4050e+01

	899	0.0000e+00	0.0000e+00	0.0000e+00	-5.6408e+02	1.4626e+01	4.2780e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-7.1653e+02	5.1266e+01	3.7564e+01
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	-7.1973e+02	-2.7073e+01	7.0664e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	-5.7383e+02	-1.6360e+01	6.7025e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-5.6659e+02	-3.3719e+00	6.3194e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-7.3229e+02	1.5738e+01	6.6954e+01
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	-7.1997e+02	-7.4540e+01	1.9031e+01
	821	0.0000e+00	0.0000e+00	0.0000e+00	-5.6578e+02	-3.5205e+01	1.4027e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	-5.6326e+02	-2.8531e+01	4.3835e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	-7.3163e+02	-4.8881e+01	4.8951e+01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	-9.5667e+02	-1.0335e+02	-8.0576e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-7.4933e+02	-8.2955e+01	-6.0710e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	-7.3975e+02	-1.1342e+02	-2.4516e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-9.2743e+02	-1.6992e+02	-4.3339e+01
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	-9.3670e+02	4.1103e+01	-7.2600e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-7.7567e+02	1.1193e+01	-6.7606e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-7.7217e+02	-4.6590e+01	-8.8216e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-9.3209e+02	-3.8827e+01	-9.3072e+01
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	-8.8525e+02	8.1260e+01	-2.4997e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-7.7060e+02	5.7482e+01	-4.4996e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-7.7614e+02	2.2233e+01	-7.9180e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-9.2065e+02	6.6685e+01	-5.9169e+01
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	-8.6211e+02	9.0623e+01	-4.5948e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	-7.6138e+02	6.6633e+01	-1.2640e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-7.6465e+02	5.6621e+01	-4.0462e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-8.7635e+02	8.9725e+01	-3.1752e+01
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	-8.8250e+02	8.9753e+01	1.5597e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-7.7055e+02	5.6281e+01	2.7030e+01
	893	0.0000e+00	0.0000e+00	0.0000e+00	-7.6249e+02	6.7123e+01	4.9860e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	-8.6313e+02	9.1118e+01	-1.7326e+01
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	-9.3464e+02	6.7591e+01	4.2371e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-7.8960e+02	2.2232e+01	6.6317e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-7.7882e+02	5.8225e+01	3.1805e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-8.9353e+02	8.2398e+01	1.3027e+01
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	-9.5552e+02	-3.4442e+01	7.6162e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	-7.9445e+02	-4.4429e+01	7.7150e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-7.9178e+02	1.1910e+01	5.5672e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-9.5303e+02	4.3363e+01	5.5153e+01
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	-9.6279e+02	-1.6169e+02	2.6949e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-7.7275e+02	-1.0839e+02	1.5116e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	-7.7480e+02	-7.8549e+01	5.1101e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-9.8289e+02	-9.7309e+01	6.3059e+01
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	-1.3276e+03	-1.3649e+02	-8.4601e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.0010e+03	-1.3309e+02	-7.3885e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-9.8949e+02	-2.2209e+02	-4.6985e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-1.3192e+03	-2.7805e+02	-5.6662e+01
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	-1.0892e+03	7.8712e+01	5.0332e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.0129e+03	7.6655e+01	-3.9105e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.0415e+03	-6.3512e+01	-1.1669e+02
	881	0.0000e+00	0.0000e+00	0.0000e+00	-1.2367e+03	9.3424e+01	-3.1220e+01
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	-9.4395e+02	8.4334e+01	5.6853e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-9.3272e+02	9.7479e+01	-1.8655e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-9.6815e+02	5.1151e+01	-3.2874e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-1.0589e+03	9.1637e+01	4.4581e+01
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	-8.9350e+02	7.2607e+01	7.0902e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	-8.9155e+02	9.1937e+01	-1.9076e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-9.0700e+02	8.1832e+01	-4.6105e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	-9.2657e+02	7.4688e+01	2.1301e+01
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	-9.3160e+02	7.4666e+01	-4.9131e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-9.1301e+02	8.2046e+01	-2.2129e+01
	886	0.0000e+00	0.0000e+00	0.0000e+00	-8.9256e+02	9.2352e+01	5.5248e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	-8.9444e+02	7.3256e+01	-3.2511e+01
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	-1.0704e+03	9.2233e+01	-7.3146e+01

	884	0.0000e+00	0.0000e+00	0.0000e+00	-9.8181e+02	5.2318e+01	2.0170e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-9.4083e+02	9.8589e+01	1.1950e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-9.5093e+02	8.5629e+01	-8.4439e+01
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	-1.2560e+03	9.5311e+01	2.2673e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-1.0644e+03	-5.9071e+01	9.6120e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-1.0290e+03	7.9061e+01	2.3497e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	-1.1029e+03	8.1004e+01	-7.9369e+01
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	-1.3501e+03	-2.7017e+02	2.7446e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-1.0248e+03	-2.1355e+02	2.5085e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-1.0273e+03	-1.2633e+02	5.4888e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	-1.3496e+03	-1.2954e+02	5.7851e+01
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	-1.3889e+03	3.8890e+02	7.2608e+02
	881	0.0000e+00	0.0000e+00	0.0000e+00	-1.7064e+03	5.9104e+01	9.0322e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-1.1445e+03	-4.6891e+02	-1.9759e+02
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.2326e+03	-2.7787e+02	4.3844e+02
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	-9.4220e+02	6.4313e+01	3.5720e+02
	879	0.0000e+00	0.0000e+00	0.0000e+00	-1.1372e+03	1.6158e+02	7.1702e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-1.4563e+03	3.0480e+01	1.3898e+02
	882	0.0000e+00	0.0000e+00	0.0000e+00	-1.1961e+03	-9.2900e+01	4.2447e+02
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	-7.5963e+02	6.9491e+01	1.6769e+02
	877	0.0000e+00	0.0000e+00	0.0000e+00	-9.1457e+02	8.4933e+01	5.0506e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-1.0489e+03	7.1004e+01	1.4063e+02
	880	0.0000e+00	0.0000e+00	0.0000e+00	-8.6078e+02	-3.5027e+01	2.5786e+02
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	-7.0057e+02	-6.1953e+01	1.3649e+01
	875	0.0000e+00	0.0000e+00	0.0000e+00	-8.5057e+02	6.0148e+01	-2.0197e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	-8.8909e+02	5.8962e+01	7.0669e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	-7.2725e+02	-2.3791e+01	1.0310e+02
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	-7.2952e+02	-2.7176e+01	-1.3452e+02
	873	0.0000e+00	0.0000e+00	0.0000e+00	-8.9335e+02	5.9481e+01	-9.9514e+01
	875	0.0000e+00	0.0000e+00	0.0000e+00	-8.5139e+02	6.0339e+01	-9.7394e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	-7.0102e+02	-5.9347e+01	-4.4038e+01
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	-8.6585e+02	-3.0281e+01	-2.9028e+02
	871	0.0000e+00	0.0000e+00	0.0000e+00	-1.0588e+03	7.2169e+01	-1.7016e+02
	873	0.0000e+00	0.0000e+00	0.0000e+00	-9.2036e+02	8.5624e+01	-7.9207e+01
	874	0.0000e+00	0.0000e+00	0.0000e+00	-7.6289e+02	6.8970e+01	-1.9923e+02
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	-1.2044e+03	-8.8786e+01	-4.5900e+02
	869	0.0000e+00	0.0000e+00	0.0000e+00	-1.4728e+03	3.0968e+01	-1.6998e+02
	871	0.0000e+00	0.0000e+00	0.0000e+00	-1.1483e+03	1.6301e+02	-1.0122e+02
	872	0.0000e+00	0.0000e+00	0.0000e+00	-9.4859e+02	6.5639e+01	-3.8998e+02
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	-3.2428e+03	-2.6961e+02	-4.7704e+02
	797	0.0000e+00	0.0000e+00	0.0000e+00	-1.1699e+03	-4.5944e+02	1.6345e+02
	869	0.0000e+00	0.0000e+00	0.0000e+00	-1.7235e+03	5.9826e+01	-1.2056e+02
	870	0.0000e+00	0.0000e+00	0.0000e+00	-1.3989e+03	3.8799e+02	-7.6078e+02
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	2.2081e+03	-2.4051e+01	1.4869e+02
	868	0.0000e+00	0.0000e+00	0.0000e+00	9.3959e+02	-1.1221e+03	1.7280e+03
	17	0.0000e+00	0.0000e+00	0.0000e+00	5.9374e+03	1.3418e+03	1.1573e+03
	861	0.0000e+00	0.0000e+00	0.0000e+00	3.8025e+02	1.3811e+03	-4.2203e+02
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	7.8004e+02	-3.6697e+02	9.2892e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	4.8052e+02	-1.8001e+02	5.1024e+02
	868	0.0000e+00	0.0000e+00	0.0000e+00	5.0628e+02	1.4814e+02	7.3286e+02
	860	0.0000e+00	0.0000e+00	0.0000e+00	1.5917e+03	-1.0862e+02	3.1551e+02
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	4.3615e+02	-2.1170e+02	9.6842e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	2.9498e+02	-1.2056e+02	2.2983e+02
	867	0.0000e+00	0.0000e+00	0.0000e+00	3.7798e+02	-6.0836e+00	3.7684e+02
	859	0.0000e+00	0.0000e+00	0.0000e+00	6.1981e+02	-2.0776e+02	2.4386e+02
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	3.4287e+02	-1.8898e+02	1.1776e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	2.4921e+02	-8.7435e+01	3.3116e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	2.5975e+02	-6.3222e+01	1.4931e+02
	858	0.0000e+00	0.0000e+00	0.0000e+00	3.9636e+02	-1.9322e+02	1.1736e+02
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	3.9421e+02	-1.8912e+02	-1.1118e+02
	864	0.0000e+00	0.0000e+00	0.0000e+00	2.5802e+02	-5.9485e+01	-1.4141e+02
	865	0.0000e+00	0.0000e+00	0.0000e+00	2.4899e+02	-8.6546e+01	-2.5362e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	3.4268e+02	-1.8817e+02	4.8751e+00

1747	855	0.0000e+00	0.0000e+00	0.0000e+00	6.1512e+02	-1.9896e+02	-2.3720e+02
	863	0.0000e+00	0.0000e+00	0.0000e+00	3.7402e+02	2.3357e+00	-3.6826e+02
	864	0.0000e+00	0.0000e+00	0.0000e+00	2.9274e+02	-1.1506e+02	-2.2173e+02
	856	0.0000e+00	0.0000e+00	0.0000e+00	4.3359e+02	-2.0600e+02	-9.0669e+01
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	1.5833e+03	-9.5726e+01	-3.0766e+02
	862	0.0000e+00	0.0000e+00	0.0000e+00	5.0046e+02	1.5950e+02	-7.2284e+02
	863	0.0000e+00	0.0000e+00	0.0000e+00	4.7586e+02	-1.7043e+02	-5.0140e+02
	855	0.0000e+00	0.0000e+00	0.0000e+00	7.7487e+02	-3.5658e+02	-8.6222e+01
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	3.7710e+02	1.3993e+03	4.3432e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	5.9200e+03	1.3509e+03	-1.1426e+03
	862	0.0000e+00	0.0000e+00	0.0000e+00	9.3204e+02	-1.1075e+03	-1.7164e+03
	854	0.0000e+00	0.0000e+00	0.0000e+00	2.1999e+03	-1.2825e+01	-1.3944e+02
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	5.0788e+02	3.6530e+02	-1.9398e+02
	860	0.0000e+00	0.0000e+00	0.0000e+00	1.2050e+03	4.0056e+02	-2.5872e+02
	861	0.0000e+00	0.0000e+00	0.0000e+00	1.1071e+03	8.4684e+02	-1.1386e+02
	853	0.0000e+00	0.0000e+00	0.0000e+00	4.7595e+02	5.9338e+02	-4.9129e+01
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	6.0275e+02	-1.9651e+02	-8.9584e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	7.0055e+02	-2.0347e+02	7.0004e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	9.7017e+02	-2.3411e+02	-1.2554e+02
	852	0.0000e+00	0.0000e+00	0.0000e+00	6.5326e+02	1.4865e+02	-2.8511e+02
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	4.4512e+02	-2.4050e+02	-2.8216e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	4.5926e+02	-2.2869e+02	1.0092e+02
	859	0.0000e+00	0.0000e+00	0.0000e+00	6.5852e+02	-2.2570e+02	6.5105e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	5.0474e+02	-1.4247e+02	-6.4048e+01
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	3.6754e+02	-2.3767e+02	-1.1612e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	3.7892e+02	-2.1347e+02	2.9228e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	4.2917e+02	-2.1296e+02	4.3556e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	3.9906e+02	-2.1730e+02	2.7565e+00
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	3.9707e+02	-2.1322e+02	1.5005e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	4.2703e+02	-2.0884e+02	-3.7926e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	3.7869e+02	-2.1262e+02	-2.3595e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	3.6733e+02	-2.3678e+02	1.5416e+01
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	5.0023e+02	-1.3340e+02	6.7873e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	6.5373e+02	-2.1679e+02	-5.9221e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	4.5658e+02	-2.2287e+02	-9.5133e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	4.4270e+02	-2.3465e+02	3.1931e+01
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	6.4487e+02	1.6292e+02	2.8935e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	9.6273e+02	-2.2082e+02	1.3237e+02
	855	0.0000e+00	0.0000e+00	0.0000e+00	6.9497e+02	-1.9288e+02	-6.3824e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	5.9772e+02	-1.8561e+02	9.3180e+01
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	4.6186e+02	6.1310e+02	5.4589e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	1.0927e+03	8.6486e+02	1.2434e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	1.1959e+03	4.1495e+02	2.6743e+02
	846	0.0000e+00	0.0000e+00	0.0000e+00	4.9867e+02	3.8151e+02	1.9767e+02
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	1.4640e+02	2.2831e+02	-1.3204e+02
	852	0.0000e+00	0.0000e+00	0.0000e+00	4.7701e+02	2.8510e+02	-1.8339e+02
	853	0.0000e+00	0.0000e+00	0.0000e+00	3.9482e+02	4.7036e+02	-7.4234e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	1.2762e+02	3.0960e+02	-2.2884e+01
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	2.3390e+02	-2.3748e+01	-1.2782e+02
	851	0.0000e+00	0.0000e+00	0.0000e+00	4.6245e+02	-1.0285e+02	-1.6400e+02
	852	0.0000e+00	0.0000e+00	0.0000e+00	4.1694e+02	1.1089e+02	-2.1063e+02
	844	0.0000e+00	0.0000e+00	0.0000e+00	2.0794e+02	1.2471e+02	-1.7444e+02
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	2.4147e+02	-1.5894e+02	-7.2568e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	3.7115e+02	-2.0422e+02	-4.2309e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	4.3639e+02	-1.6036e+02	-1.1352e+02
	843	0.0000e+00	0.0000e+00	0.0000e+00	2.3698e+02	-6.3710e+01	-1.4377e+02
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	2.2360e+02	-1.8937e+02	-8.5195e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	3.2900e+02	-2.3015e+02	7.8448e+00
	850	0.0000e+00	0.0000e+00	0.0000e+00	3.5682e+02	-2.2400e+02	-4.3556e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	2.2822e+02	-1.6241e+02	-5.9781e+01
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	2.2697e+02	-1.5865e+02	6.1825e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	3.5496e+02	-2.1977e+02	4.6919e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	3.2888e+02	-2.2943e+02	-4.2835e+00



	841	0.0000e+00	0.0000e+00	0.0000e+00	2.2345e+02	-1.8852e+02	1.0628e+01
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	2.3388e+02	-5.5251e+01	1.4508e+02
	847	0.0000e+00	0.0000e+00	0.0000e+00	4.3214e+02	-1.5117e+02	1.1652e+02
	848	0.0000e+00	0.0000e+00	0.0000e+00	3.6896e+02	-1.9850e+02	4.5775e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	2.3988e+02	-1.5344e+02	7.4336e+01
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	2.0178e+02	1.3818e+02	1.7447e+02
	846	0.0000e+00	0.0000e+00	0.0000e+00	4.0915e+02	1.2529e+02	2.1324e+02
	847	0.0000e+00	0.0000e+00	0.0000e+00	4.5761e+02	-9.1953e+01	1.6733e+02
	839	0.0000e+00	0.0000e+00	0.0000e+00	2.3020e+02	-1.3424e+01	1.2856e+02
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	1.1647e+02	3.2855e+02	2.1161e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	3.8091e+02	4.9061e+02	7.6700e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	4.6808e+02	3.0142e+02	1.8679e+02
	838	0.0000e+00	0.0000e+00	0.0000e+00	1.3903e+02	2.4403e+02	1.3115e+02
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.2884e+02	1.2386e+02	-8.2596e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	1.2091e+02	1.6971e+02	-1.1007e+02
	845	0.0000e+00	0.0000e+00	0.0000e+00	8.4962e+01	2.4449e+02	-4.2407e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.3800e+02	1.5551e+02	-1.4922e+01
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	8.9904e+01	1.1482e+01	-1.0534e+02
	843	0.0000e+00	0.0000e+00	0.0000e+00	1.5973e+02	-2.0207e+01	-1.4637e+02
	844	0.0000e+00	0.0000e+00	0.0000e+00	1.0505e+02	1.0093e+02	-1.5034e+02
	836	0.0000e+00	0.0000e+00	0.0000e+00	1.0428e+02	7.7232e+01	-1.0930e+02
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	7.3444e+01	-7.8740e+01	-6.8317e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	1.6269e+02	-1.3492e+02	-8.3737e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	1.4767e+02	-7.1637e+01	-1.3482e+02
	835	0.0000e+00	0.0000e+00	0.0000e+00	7.9242e+01	-2.5981e+01	-1.1937e+02
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	7.0689e+01	-1.1172e+02	-3.5967e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	1.5550e+02	-1.7399e+02	-4.8605e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	1.5666e+02	-1.5841e+02	-6.8385e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	7.2025e+01	-9.3635e+01	-6.6674e+01
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	7.0792e+01	-9.0571e+01	6.8238e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.5554e+02	-1.5443e+02	7.0243e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	1.5554e+02	-1.7348e+02	6.8663e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	7.0451e+01	-1.1101e+02	4.8924e+00
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	7.6632e+01	-1.9174e+01	1.1948e+02
	839	0.0000e+00	0.0000e+00	0.0000e+00	1.4501e+02	-6.3052e+01	1.3555e+02
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.6162e+02	-1.2989e+02	8.5568e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	7.1737e+01	-7.4219e+01	6.9491e+01
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.0160e+02	8.8028e+01	1.0669e+02
	838	0.0000e+00	0.0000e+00	0.0000e+00	9.9650e+01	1.1442e+02	1.4912e+02
	839	0.0000e+00	0.0000e+00	0.0000e+00	1.5694e+02	-1.0472e+01	1.4712e+02
	831	0.0000e+00	0.0000e+00	0.0000e+00	8.7231e+01	2.0044e+01	1.0468e+02
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.3700e+02	1.7027e+02	8.6636e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	7.5342e+01	2.6334e+02	3.8262e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	1.1498e+02	1.8463e+02	1.0899e+02
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.2704e+02	1.3659e+02	7.8740e+01
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	-3.2316e+02	5.3306e+01	-5.4662e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.6363e+02	8.3540e+01	-6.7339e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-1.8339e+02	1.1518e+02	-2.5527e+01
	829	0.0000e+00	0.0000e+00	0.0000e+00	-3.2660e+02	6.2412e+01	-1.2815e+01
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	-2.9908e+02	1.3956e+01	-7.9216e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.3468e+02	-3.3052e+00	-1.0360e+02
	836	0.0000e+00	0.0000e+00	0.0000e+00	-1.7008e+02	5.7867e+01	-1.0047e+02
	828	0.0000e+00	0.0000e+00	0.0000e+00	-3.0717e+02	3.4688e+01	-7.6049e+01
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	-2.7487e+02	-2.4792e+01	-5.4418e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.1810e+02	-7.3053e+01	-7.1675e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-1.4020e+02	-2.9241e+01	-1.0758e+02
	827	0.0000e+00	0.0000e+00	0.0000e+00	-2.8279e+02	-5.9046e+00	-9.0256e+01
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	-2.6243e+02	-4.2184e+01	-3.1048e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.1388e+02	-1.0084e+02	-6.0280e+00
	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.2055e+02	-8.7331e+01	-6.1192e+01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-2.6626e+02	-3.5265e+01	-5.5310e+01
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	-2.6362e+02	-3.3137e+01	5.8319e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.1917e+02	-8.3990e+01	6.3078e+01

	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.1342e+02	-1.0062e+02	8.0719e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-2.6205e+02	-4.1740e+01	3.4865e+00
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	-2.7722e+02	-2.3987e+00	9.1360e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.3734e+02	-2.2302e+01	1.0774e+02
	832	0.0000e+00	0.0000e+00	0.0000e+00	-1.1580e+02	-6.9291e+01	7.3347e+01
	824	0.0000e+00	0.0000e+00	0.0000e+00	-2.7152e+02	-2.1757e+01	5.6969e+01
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	-2.9901e+02	4.1553e+01	7.3616e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.6652e+02	6.8553e+01	9.7457e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	-1.3090e+02	4.2245e+00	1.0338e+02
	823	0.0000e+00	0.0000e+00	0.0000e+00	-2.9298e+02	1.9621e+01	7.9527e+01
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	-3.1617e+02	7.0949e+01	-6.8190e+00
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.8043e+02	1.2961e+02	1.7895e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	-1.5931e+02	9.4613e+01	6.3738e+01
	822	0.0000e+00	0.0000e+00	0.0000e+00	-3.1475e+02	6.1269e+01	5.1001e+01
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	-5.1971e+02	-6.7763e+00	-4.4615e+01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-3.6434e+02	2.2708e+01	-4.7489e+01
	829	0.0000e+00	0.0000e+00	0.0000e+00	-3.7396e+02	3.2578e+01	-1.7226e+01
	821	0.0000e+00	0.0000e+00	0.0000e+00	-5.1623e+02	-1.0136e+01	-1.4277e+01
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	-5.1360e+02	1.1714e+01	-6.7383e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-3.5017e+02	-3.0131e+00	-7.5087e+01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-3.7077e+02	1.8073e+01	-7.3521e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-5.0920e+02	-5.5115e+00	-6.5736e+01
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	-5.0070e+02	1.5245e+01	-4.5435e+01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-3.3876e+02	-2.6160e+01	-5.4035e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-3.5634e+02	-9.2700e+00	-8.4116e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-5.0124e+02	9.6854e+00	-7.5373e+01
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	-4.9056e+02	1.5144e+01	-4.9482e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-3.3431e+02	-3.6214e+01	-3.6625e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-3.4146e+02	-3.0876e+01	-4.9794e+01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-4.9295e+02	1.3616e+01	-4.5279e+01
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	-4.8850e+02	1.4586e+01	5.1867e+01
	824	0.0000e+00	0.0000e+00	0.0000e+00	-3.3849e+02	-2.8437e+01	5.3739e+01
	825	0.0000e+00	0.0000e+00	0.0000e+00	-3.3354e+02	-3.6320e+01	6.8996e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-4.8991e+02	1.5251e+01	5.1568e+00
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	-4.9147e+02	1.1941e+01	8.0044e+01
	823	0.0000e+00	0.0000e+00	0.0000e+00	-3.4968e+02	-4.7516e+00	8.6110e+01
	824	0.0000e+00	0.0000e+00	0.0000e+00	-3.3422e+02	-2.4003e+01	5.7588e+01
	816	0.0000e+00	0.0000e+00	0.0000e+00	-4.9495e+02	1.6497e+01	5.1528e+01
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	-4.9374e+02	-7.9886e+00	6.6903e+01
	822	0.0000e+00	0.0000e+00	0.0000e+00	-3.6047e+02	2.4793e+01	7.1878e+01
	823	0.0000e+00	0.0000e+00	0.0000e+00	-3.4187e+02	-2.5642e+00	7.6353e+01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-5.0256e+02	1.4203e+01	7.1404e+01
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	-4.9435e+02	-1.0920e+01	1.1715e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-3.6030e+02	4.0697e+01	1.1319e+01
	822	0.0000e+00	0.0000e+00	0.0000e+00	-3.5235e+02	2.8676e+01	4.4689e+01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-5.0300e+02	-8.9689e+00	4.4889e+01
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	-7.3161e+02	-4.8877e+01	-4.9029e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-5.6324e+02	-2.8529e+01	-4.3884e+01
	821	0.0000e+00	0.0000e+00	0.0000e+00	-5.6578e+02	-3.5200e+01	-1.4033e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-7.1996e+02	-7.4536e+01	-1.9085e+01
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	-7.3224e+02	1.5763e+01	-6.7039e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-5.6655e+02	-3.3840e+00	-6.3242e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-5.7381e+02	-1.6351e+01	-6.7059e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-7.1971e+02	-2.7065e+01	-7.0730e+01
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	-7.1646e+02	5.1273e+01	-3.7692e+01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-5.6401e+02	1.4628e+01	-4.2843e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-5.7298e+02	4.7822e+00	-7.4091e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-7.2015e+02	3.0625e+01	-6.8622e+01
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	-7.0306e+02	6.2353e+01	8.5746e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-5.5963e+02	1.9778e+01	-4.1224e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	-5.6482e+02	1.6082e+01	-4.1324e+01
	810	0.0000e+00	0.0000e+00	0.0000e+00	-7.0888e+02	5.7250e+01	-3.6352e+01
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	-7.0304e+02	5.7529e+01	4.8220e+01

	816	0.0000e+00	0.0000e+00	0.0000e+00	-5.6008e+02	1.7174e+01	4.9379e+01
	817	0.0000e+00	0.0000e+00	0.0000e+00	-5.5862e+02	1.9422e+01	8.0715e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-7.0216e+02	6.2127e+01	6.9498e+00
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	-7.0706e+02	3.0718e+01	7.9100e+01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-5.6221e+02	6.9286e+00	8.0478e+01
	816	0.0000e+00	0.0000e+00	0.0000e+00	-5.5716e+02	1.4972e+01	5.0406e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-7.0878e+02	5.1040e+01	4.9028e+01
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	-6.9832e+02	-2.9198e+01	7.8684e+01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-5.5638e+02	-1.5229e+01	7.0243e+01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-5.5346e+02	-4.0996e+00	6.8694e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-7.1720e+02	1.5482e+01	7.7207e+01
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	-6.8856e+02	-7.9125e+01	2.4171e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-5.4087e+02	-3.4677e+01	1.4170e+01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-5.4319e+02	-2.8708e+01	4.5606e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-7.0804e+02	-5.1880e+01	5.6681e+01
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	-9.8288e+02	-9.7300e+01	-6.3194e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-7.7479e+02	-7.8543e+01	-5.1199e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-7.7275e+02	-1.0839e+02	-1.5159e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-9.6279e+02	-1.6168e+02	-2.7063e+01
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	-9.5300e+02	4.3390e+01	-5.5353e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-7.9175e+02	1.1945e+01	-5.5785e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-7.9443e+02	-4.4417e+01	-7.7228e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-9.5551e+02	-3.4432e+01	-7.6302e+01
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	-8.9347e+02	8.2403e+01	-1.3668e+01
	810	0.0000e+00	0.0000e+00	0.0000e+00	-7.7876e+02	5.8232e+01	-3.1967e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-7.8956e+02	2.2249e+01	-6.6419e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-9.3460e+02	6.7613e+01	-4.2612e+01
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	-8.6305e+02	9.1108e+01	1.7576e+01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-7.6239e+02	6.7118e+01	-5.4879e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-7.7047e+02	5.6285e+01	-2.7215e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-8.8244e+02	8.9757e+01	-1.6051e+01
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	-8.7623e+02	8.9710e+01	3.1733e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-7.6451e+02	5.6610e+01	4.0455e+01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-7.6127e+02	6.6628e+01	1.2822e+01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-8.6202e+02	9.0614e+01	5.1152e+00
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	-9.2050e+02	6.6665e+01	5.9091e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-7.7596e+02	2.2217e+01	7.9150e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-7.7045e+02	5.7472e+01	4.4986e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	-8.8513e+02	8.1246e+01	2.4902e+01
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	-9.3190e+02	-3.8789e+01	9.3018e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-7.7196e+02	-4.6579e+01	8.8201e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-7.7548e+02	1.1142e+01	6.7579e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-9.3655e+02	4.1076e+01	7.2521e+01
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	-9.2723e+02	-1.6989e+02	4.3429e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-7.3949e+02	-1.1340e+02	2.4700e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-7.4910e+02	-8.2935e+01	6.0707e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-9.5649e+02	-1.0332e+02	8.0547e+01
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.3496e+03	-1.2951e+02	-5.8141e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.0273e+03	-1.2632e+02	-5.5083e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-1.0248e+03	-2.1354e+02	-2.5176e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-1.3501e+03	-2.7017e+02	-2.7693e+01
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	-1.1029e+03	8.1053e+01	7.9576e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.0290e+03	7.9093e+01	-2.3990e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.0644e+03	-5.9055e+01	-9.6270e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.2560e+03	9.5354e+01	-2.3458e+01
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	-9.5089e+02	8.5631e+01	8.4589e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-9.4078e+02	9.8596e+01	-1.2675e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-9.8178e+02	5.2341e+01	-2.0797e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	-1.0704e+03	9.2246e+01	7.3375e+01
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	-8.9439e+02	7.3221e+01	3.2681e+01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-8.9248e+02	9.2340e+01	-6.1760e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	-9.1295e+02	8.2047e+01	2.2550e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	-9.3156e+02	7.4643e+01	4.9374e+01

1810	787	0.0000e+00	0.0000e+00	0.0000e+00	-9.2650e+02	7.4650e+01	-2.1157e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	-9.0690e+02	8.1814e+01	4.1050e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-8.9147e+02	9.1926e+01	1.9285e+01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-8.9345e+02	7.2576e+01	-7.6504e+00
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.0588e+03	9.1612e+01	-4.4356e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-9.6803e+02	5.1129e+01	3.2660e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	-9.3261e+02	9.7464e+01	1.8561e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	-9.4388e+02	8.4312e+01	-5.6780e+01
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	-1.2366e+03	9.3384e+01	3.0813e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.0413e+03	-6.3488e+01	1.1662e+02
	799	0.0000e+00	0.0000e+00	0.0000e+00	-1.0128e+03	7.6627e+01	3.8962e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.0891e+03	7.8667e+01	-5.0134e+01
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	-1.3191e+03	-2.7797e+02	5.6695e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-9.8930e+02	-2.2205e+02	4.7100e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-1.0008e+03	-1.3306e+02	7.3826e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	-1.3275e+03	-1.3644e+02	8.4475e+01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	-1.3989e+03	3.8795e+02	7.6077e+02
	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.7235e+03	5.9914e+01	1.2056e+02
	797	0.0000e+00	0.0000e+00	0.0000e+00	-1.1700e+03	-4.5943e+02	-1.6355e+02
	6	0.0000e+00	0.0000e+00	0.0000e+00	-3.2428e+03	-2.6939e+02	4.7701e+02
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	-9.4856e+02	6.5383e+01	3.9002e+02
	793	0.0000e+00	0.0000e+00	0.0000e+00	-1.1483e+03	1.6305e+02	1.0132e+02
	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.4728e+03	3.1053e+01	1.7002e+02
	796	0.0000e+00	0.0000e+00	0.0000e+00	-1.2043e+03	-8.8801e+01	4.5902e+02
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	-7.6287e+02	6.8770e+01	1.9929e+02
	791	0.0000e+00	0.0000e+00	0.0000e+00	-9.2032e+02	8.5622e+01	7.9317e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	-1.0587e+03	7.2190e+01	1.7023e+02
	794	0.0000e+00	0.0000e+00	0.0000e+00	-8.6582e+02	-3.0389e+01	2.9034e+02
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	-7.0101e+02	-5.9250e+01	4.4180e+01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-8.5134e+02	6.0295e+01	1.0214e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	-8.9332e+02	5.9451e+01	9.9617e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	-7.2950e+02	-2.7035e+01	1.3461e+02
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-7.2725e+02	-2.3824e+01	-1.0308e+02
	787	0.0000e+00	0.0000e+00	0.0000e+00	-8.8903e+02	5.8923e+01	-7.0665e+01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-8.5054e+02	6.0107e+01	2.0480e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	-7.0056e+02	-6.1746e+01	-1.3992e+01
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-8.6078e+02	-3.4768e+01	-2.5783e+02
	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.0488e+03	7.0977e+01	-1.4062e+02
	787	0.0000e+00	0.0000e+00	0.0000e+00	-9.1453e+02	8.4909e+01	-5.0529e+01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-7.5962e+02	6.9201e+01	-1.6767e+02
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-1.1961e+03	-9.2233e+01	-4.2446e+02
	783	0.0000e+00	0.0000e+00	0.0000e+00	-1.4563e+03	3.0341e+01	-1.3899e+02
	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.1372e+03	1.6154e+02	-7.1692e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-9.4220e+02	6.3960e+01	-3.5718e+02
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-3.2326e+03	-2.7739e+02	-4.3849e+02
	343	0.0000e+00	0.0000e+00	0.0000e+00	-1.1443e+03	-4.6883e+02	1.9755e+02
	783	0.0000e+00	0.0000e+00	0.0000e+00	-1.7064e+03	5.8843e+01	-9.0419e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-1.3890e+03	3.8886e+02	-7.2610e+02
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	6.3481e+02	7.1851e+01	2.9815e+02
	782	0.0000e+00	0.0000e+00	0.0000e+00	3.4698e+02	-2.3475e+02	5.1349e+02
	22	0.0000e+00	0.0000e+00	0.0000e+00	1.4298e+03	3.2127e+02	3.9715e+02
	773	0.0000e+00	0.0000e+00	0.0000e+00	-6.7014e+01	2.6888e+02	1.8198e+02
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	3.4405e+02	-1.3394e+02	1.8238e+02
	781	0.0000e+00	0.0000e+00	0.0000e+00	2.8645e+02	-6.3296e+01	2.7997e+02
	782	0.0000e+00	0.0000e+00	0.0000e+00	2.6072e+02	2.1621e+01	3.3403e+02
	772	0.0000e+00	0.0000e+00	0.0000e+00	5.4922e+02	-2.7851e+01	2.3639e+02
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	2.4610e+02	-1.2422e+02	1.5118e+02
	780	0.0000e+00	0.0000e+00	0.0000e+00	2.3118e+02	-7.7880e+01	1.9659e+02
	781	0.0000e+00	0.0000e+00	0.0000e+00	2.6784e+02	-3.3698e+01	2.5244e+02
	771	0.0000e+00	0.0000e+00	0.0000e+00	2.9311e+02	-1.0864e+02	2.0698e+02
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	2.0640e+02	-1.3160e+02	8.9531e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	2.0846e+02	-7.4333e+01	1.0733e+02
	780	0.0000e+00	0.0000e+00	0.0000e+00	2.1957e+02	-6.1222e+01	1.6288e+02

	770	0.0000e+00	0.0000e+00	0.0000e+00	2.2838e+02	-1.2498e+02	1.4501e+02
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	2.0845e+02	-1.3767e+02	2.1452e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	2.0225e+02	-6.7689e+01	1.9317e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	2.0586e+02	-7.2920e+01	7.7396e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	2.0147e+02	-1.3085e+02	7.9400e+01
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	2.5495e+02	-1.4759e+02	-5.9688e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	2.1463e+02	-5.2149e+01	-8.5426e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	2.0791e+02	-7.8638e+01	-1.6074e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	2.1441e+02	-1.3609e+02	1.2346e+01
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	3.8357e+02	-1.6250e+02	-1.5423e+02
	776	0.0000e+00	0.0000e+00	0.0000e+00	2.5685e+02	-2.0778e+01	-2.2472e+02
	777	0.0000e+00	0.0000e+00	0.0000e+00	2.3330e+02	-8.5434e+01	-1.3017e+02
	767	0.0000e+00	0.0000e+00	0.0000e+00	2.7788e+02	-1.4978e+02	-5.9766e+01
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	6.6287e+02	-1.7274e+02	-2.5948e+02
	775	0.0000e+00	0.0000e+00	0.0000e+00	4.2551e+02	5.6205e+01	-4.4231e+02
	776	0.0000e+00	0.0000e+00	0.0000e+00	3.0716e+02	-1.1942e+02	-3.0826e+02
	766	0.0000e+00	0.0000e+00	0.0000e+00	4.4586e+02	-1.8273e+02	-1.2545e+02
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	1.7638e+03	1.4002e+01	-2.7947e+02
	774	0.0000e+00	0.0000e+00	0.0000e+00	5.0316e+02	2.2312e+02	-7.5304e+02
	775	0.0000e+00	0.0000e+00	0.0000e+00	5.3332e+02	-1.7028e+02	-5.6224e+02
	765	0.0000e+00	0.0000e+00	0.0000e+00	8.6478e+02	-3.7702e+02	-8.8690e+01
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	2.0022e+02	1.3467e+03	4.0115e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	6.1006e+03	1.5519e+03	-1.2144e+03
	774	0.0000e+00	0.0000e+00	0.0000e+00	9.9993e+02	-1.2446e+03	-1.7773e+03
	764	0.0000e+00	0.0000e+00	0.0000e+00	2.3362e+03	1.8769e+02	-1.6175e+02
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	3.5657e+02	1.2688e+02	1.6112e+02
	772	0.0000e+00	0.0000e+00	0.0000e+00	4.4623e+02	-3.3220e+01	2.0521e+02
	773	0.0000e+00	0.0000e+00	0.0000e+00	1.0014e+03	3.1423e+02	1.9185e+02
	763	0.0000e+00	0.0000e+00	0.0000e+00	-1.2880e+02	1.8496e+02	1.4776e+02
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	2.7721e+02	-1.2761e+02	9.4808e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	3.3503e+02	-1.0128e+02	1.5865e+02
	772	0.0000e+00	0.0000e+00	0.0000e+00	3.5854e+02	-6.1572e+01	1.4081e+02
	762	0.0000e+00	0.0000e+00	0.0000e+00	3.7195e+02	9.3010e+00	7.7238e+01
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	2.1461e+02	-1.6366e+02	9.6054e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	2.5024e+02	-1.4345e+02	1.4474e+02
	771	0.0000e+00	0.0000e+00	0.0000e+00	3.1445e+02	-1.2064e+02	1.5302e+02
	761	0.0000e+00	0.0000e+00	0.0000e+00	2.4064e+02	-1.1846e+02	1.0433e+02
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	1.8089e+02	-1.7991e+02	7.5327e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	2.1538e+02	-1.5088e+02	9.4811e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	2.3612e+02	-1.4274e+02	1.1699e+02
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.9660e+02	-1.6210e+02	9.7449e+01
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	1.8842e+02	-1.8501e+02	5.1010e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	2.2077e+02	-1.5513e+02	4.0737e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	2.1318e+02	-1.5341e+02	6.6634e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.7754e+02	-1.8031e+02	7.6931e+01
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	2.4125e+02	-1.8457e+02	3.1877e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	2.7440e+02	-1.6164e+02	-1.5867e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	2.3081e+02	-1.6347e+02	1.0798e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	2.0068e+02	-1.9147e+02	5.5078e+01
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	3.4994e+02	-1.6500e+02	3.7097e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	3.9811e+02	-1.7580e+02	-5.8462e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	2.9973e+02	-1.7588e+02	-5.1736e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	2.7411e+02	-2.0154e+02	4.3930e+01
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	4.8364e+02	-7.6011e+01	1.1091e+02
	765	0.0000e+00	0.0000e+00	0.0000e+00	6.6789e+02	-1.9716e+02	-4.9990e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	4.4480e+02	-1.8616e+02	-1.0247e+02
	756	0.0000e+00	0.0000e+00	0.0000e+00	4.1197e+02	-1.9282e+02	5.8447e+01
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	6.0309e+02	2.2018e+02	3.0976e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	9.4014e+02	-1.7457e+02	1.7179e+02
	765	0.0000e+00	0.0000e+00	0.0000e+00	7.2004e+02	-1.3523e+02	-2.1450e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	5.7007e+02	-1.0918e+02	1.1675e+02
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	4.5464e+02	6.4724e+02	6.1710e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	1.1022e+03	8.2293e+02	9.6912e+01

	764	0.0000e+00	0.0000e+00	0.0000e+00	1.1704e+03	6.0266e+02	2.6190e+02
	754	0.0000e+00	0.0000e+00	0.0000e+00	4.5101e+02	4.1868e+02	2.2669e+02
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	1.5630e+02	1.0186e+02	1.1731e+02
	762	0.0000e+00	0.0000e+00	0.0000e+00	2.5938e+02	-1.9153e+01	1.3355e+02
	763	0.0000e+00	0.0000e+00	0.0000e+00	6.9852e+02	2.2655e+02	1.3092e+02
	753	0.0000e+00	0.0000e+00	0.0000e+00	-2.6573e+02	1.1407e+02	1.1462e+02
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	1.2020e+02	-1.0189e+02	5.4044e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	2.3268e+02	-9.5610e+01	6.8664e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	2.0298e+02	-2.6796e+01	6.0670e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	1.7804e+02	8.7589e+00	4.6433e+01
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	1.0317e+02	-1.5768e+02	6.6578e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.8168e+02	-1.6308e+02	8.7907e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	2.1805e+02	-1.3193e+02	7.5793e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	1.0776e+02	-1.1029e+02	5.4874e+01
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	9.0088e+01	-1.8316e+02	7.2345e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.5935e+02	-1.8534e+02	8.1550e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.7167e+02	-1.7456e+02	7.5555e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	9.5420e+01	-1.6319e+02	6.6465e+01
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	9.6698e+01	-1.8556e+02	8.2116e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	1.6865e+02	-1.9451e+02	7.1905e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.5813e+02	-1.8990e+02	6.6088e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	8.9551e+01	-1.8578e+02	7.6280e+01
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	1.2515e+02	-1.6968e+02	1.0214e+02
	757	0.0000e+00	0.0000e+00	0.0000e+00	2.1460e+02	-1.9636e+02	7.0115e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	1.7630e+02	-1.9463e+02	5.6074e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	1.0578e+02	-1.9034e+02	8.8003e+01
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	1.6779e+02	-1.2145e+02	1.4151e+02
	756	0.0000e+00	0.0000e+00	0.0000e+00	2.9629e+02	-1.8154e+02	9.2669e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	2.3134e+02	-1.8766e+02	5.9687e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	1.4381e+02	-1.7567e+02	1.0845e+02
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	1.9167e+02	-1.0156e+01	1.9625e+02
	755	0.0000e+00	0.0000e+00	0.0000e+00	3.9571e+02	-1.0212e+02	1.5426e+02
	756	0.0000e+00	0.0000e+00	0.0000e+00	3.2207e+02	-1.4638e+02	9.8594e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	1.8834e+02	-1.1732e+02	1.4057e+02
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	1.6515e+02	1.7585e+02	1.9201e+02
	754	0.0000e+00	0.0000e+00	0.0000e+00	3.8881e+02	1.8228e+02	2.2603e+02
	755	0.0000e+00	0.0000e+00	0.0000e+00	4.2837e+02	-2.3238e+01	2.0334e+02
	745	0.0000e+00	0.0000e+00	0.0000e+00	1.8737e+02	3.2812e+01	1.6932e+02
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	1.0283e+02	3.3868e+02	3.3255e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	3.6189e+02	5.1675e+02	8.1979e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	4.3723e+02	3.3479e+02	1.9737e+02
	744	0.0000e+00	0.0000e+00	0.0000e+00	1.1593e+02	2.6131e+02	1.4863e+02
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	5.8486e+01	7.1433e+01	1.0067e+02
	752	0.0000e+00	0.0000e+00	0.0000e+00	7.8737e+01	-3.2482e+01	1.0734e+02
	753	0.0000e+00	0.0000e+00	0.0000e+00	4.4485e+02	1.5507e+02	1.0121e+02
	743	0.0000e+00	0.0000e+00	0.0000e+00	-4.0337e+02	6.5229e+01	9.4499e+01
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	-7.3102e+01	-9.0021e+01	4.3668e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	8.1299e+01	-8.7060e+01	4.2166e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	5.0805e+01	-2.6725e+01	3.9190e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	4.9629e+01	-1.6879e+01	4.0768e+01
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	-7.1852e+01	-1.3799e+02	5.7624e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	6.3253e+01	-1.5632e+02	6.1195e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	7.3787e+01	-1.1923e+02	4.5900e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-7.6112e+01	-1.0156e+02	4.2771e+01
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	-7.2892e+01	-1.6181e+02	7.4533e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	5.5603e+01	-1.8289e+02	7.5995e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	5.7906e+01	-1.6898e+02	5.6902e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	-7.2601e+01	-1.4697e+02	5.5572e+01
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	-6.9986e+01	-1.6039e+02	9.9583e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	6.0078e+01	-1.8884e+02	9.4165e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	5.4705e+01	-1.8644e+02	7.1426e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	-7.1964e+01	-1.6481e+02	7.6816e+01
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	-6.4261e+01	-1.3773e+02	1.3088e+02

	747	0.0000e+00	0.0000e+00	0.0000e+00	7.8442e+01	-1.7600e+02	1.1924e+02
	748	0.0000e+00	0.0000e+00	0.0000e+00	6.3395e+01	-1.8386e+02	9.1086e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	-6.6655e+01	-1.6074e+02	1.0269e+02
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	6.1947e+01	-8.8316e+01	1.6328e+02
	746	0.0000e+00	0.0000e+00	0.0000e+00	1.0260e+02	-1.3177e+02	1.5400e+02
	747	0.0000e+00	0.0000e+00	0.0000e+00	8.6227e+01	-1.5970e+02	1.2176e+02
	737	0.0000e+00	0.0000e+00	0.0000e+00	6.0823e+01	-1.3305e+02	1.3102e+02
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	-7.1688e+01	-6.7203e+00	1.7650e+02
	745	0.0000e+00	0.0000e+00	0.0000e+00	1.0832e+02	-2.7343e+01	1.8594e+02
	746	0.0000e+00	0.0000e+00	0.0000e+00	1.1403e+02	-9.7169e+01	1.6404e+02
	736	0.0000e+00	0.0000e+00	0.0000e+00	6.3022e+01	-7.1229e+01	1.5460e+02
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.0064e+02	9.7631e+01	1.3462e+02
	744	0.0000e+00	0.0000e+00	0.0000e+00	7.9268e+01	1.4588e+02	1.7014e+02
	745	0.0000e+00	0.0000e+00	0.0000e+00	1.2169e+02	2.5520e+01	1.9020e+02
	735	0.0000e+00	0.0000e+00	0.0000e+00	-8.3997e+01	3.0042e+01	1.5468e+02
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.2565e+02	1.6916e+02	2.8664e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	5.8734e+01	2.7225e+02	5.2556e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	9.1107e+01	1.9968e+02	1.2947e+02
	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.2030e+02	1.3507e+02	1.0557e+02
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	-2.0782e+02	4.6316e+01	9.3545e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.2408e+02	-4.7907e+01	9.6154e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	2.2490e+02	1.0611e+02	8.5857e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	-5.3211e+02	3.4234e+01	8.3234e+01
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	-2.2548e+02	-8.4026e+01	4.3542e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-1.0908e+02	-8.2751e+01	3.8713e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	-1.5208e+02	-3.5471e+01	3.6636e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-1.8990e+02	-2.8270e+01	4.1388e+01
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	-2.2132e+02	-1.1773e+02	5.6523e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	-1.1455e+02	-1.3974e+02	5.4743e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-1.1270e+02	-1.0709e+02	4.0269e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-2.2668e+02	-9.3445e+01	4.2057e+01
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	-2.2141e+02	-1.3357e+02	7.5634e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	-1.1654e+02	-1.6090e+02	7.5295e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	-1.1832e+02	-1.4880e+02	5.2988e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-2.2022e+02	-1.2575e+02	5.3332e+01
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	-2.2308e+02	-1.2839e+02	1.0305e+02
	738	0.0000e+00	0.0000e+00	0.0000e+00	-1.1577e+02	-1.6090e+02	1.0315e+02
	739	0.0000e+00	0.0000e+00	0.0000e+00	-1.1756e+02	-1.6222e+02	7.5944e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	-2.2081e+02	-1.3542e+02	7.5810e+01
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	-2.2782e+02	-1.0701e+02	1.3222e+02
	737	0.0000e+00	0.0000e+00	0.0000e+00	-1.1353e+02	-1.4061e+02	1.3393e+02
	738	0.0000e+00	0.0000e+00	0.0000e+00	-1.1457e+02	-1.5453e+02	1.0529e+02
	728	0.0000e+00	0.0000e+00	0.0000e+00	-2.2312e+02	-1.2629e+02	1.0356e+02
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	-2.3818e+02	-7.1262e+01	1.5336e+02
	736	0.0000e+00	0.0000e+00	0.0000e+00	-1.1589e+02	-9.5005e+01	1.6063e+02
	737	0.0000e+00	0.0000e+00	0.0000e+00	-1.1036e+02	-1.2645e+02	1.3736e+02
	727	0.0000e+00	0.0000e+00	0.0000e+00	-2.3034e+02	-1.0005e+02	1.3007e+02
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	-2.5597e+02	-2.4415e+01	1.5000e+02
	735	0.0000e+00	0.0000e+00	0.0000e+00	-1.2991e+02	-1.9741e+01	1.6660e+02
	736	0.0000e+00	0.0000e+00	0.0000e+00	-1.1112e+02	-7.3195e+01	1.6152e+02
	726	0.0000e+00	0.0000e+00	0.0000e+00	-2.4562e+02	-5.7536e+01	1.4493e+02
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	-2.7855e+02	2.4443e+01	1.0632e+02
	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.5221e+02	7.1304e+01	1.2816e+02
	735	0.0000e+00	0.0000e+00	0.0000e+00	-1.2416e+02	7.8113e+00	1.5466e+02
	725	0.0000e+00	0.0000e+00	0.0000e+00	-2.6836e+02	5.8252e+00	1.3282e+02
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	-2.9067e+02	5.6478e+01	2.7185e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.6595e+02	1.2540e+02	3.8409e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	-1.4768e+02	9.2048e+01	9.3547e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	-2.8922e+02	4.0750e+01	8.2339e+01
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	-3.5821e+02	2.5403e+01	8.8549e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-2.7964e+02	-5.9572e+01	8.9952e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	5.8451e+01	7.3794e+01	7.8357e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-6.4848e+02	1.7081e+01	7.6954e+01

1873	721	0.0000e+00	0.0000e+00	0.0000e+00	-3.7543e+02	-8.0319e+01	4.4194e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-2.6395e+02	-7.9991e+01	4.0399e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-3.0450e+02	-4.4253e+01	3.8409e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-3.4227e+02	-3.7907e+01	4.2098e+01
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	-3.7204e+02	-1.0069e+02	5.5853e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-2.6770e+02	-1.2128e+02	5.4258e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-2.6681e+02	-9.7311e+01	4.1203e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-3.7608e+02	-8.5821e+01	4.2608e+01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	-3.7386e+02	-1.0817e+02	7.2832e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	-2.7020e+02	-1.3357e+02	7.3976e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-2.7102e+02	-1.2631e+02	5.3230e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-3.7090e+02	-1.0582e+02	5.1999e+01
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	-3.8136e+02	-9.9814e+01	9.6026e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	-2.7495e+02	-1.2884e+02	1.0128e+02
	729	0.0000e+00	0.0000e+00	0.0000e+00	-2.7195e+02	-1.3273e+02	7.6235e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	-3.7454e+02	-1.0853e+02	7.0916e+01
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	-3.9560e+02	-8.1615e+01	1.1951e+02
	727	0.0000e+00	0.0000e+00	0.0000e+00	-2.8303e+02	-1.0947e+02	1.2933e+02
	728	0.0000e+00	0.0000e+00	0.0000e+00	-2.7594e+02	-1.2239e+02	1.0427e+02
	718	0.0000e+00	0.0000e+00	0.0000e+00	-3.8439e+02	-9.7465e+01	9.4398e+01
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	-4.1417e+02	-6.0618e+01	1.3551e+02
	726	0.0000e+00	0.0000e+00	0.0000e+00	-2.9529e+02	-7.7661e+01	1.4883e+02
	727	0.0000e+00	0.0000e+00	0.0000e+00	-2.8289e+02	-9.9132e+01	1.3046e+02
	717	0.0000e+00	0.0000e+00	0.0000e+00	-4.0174e+02	-7.7438e+01	1.1710e+02
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	-4.3190e+02	-4.5081e+01	1.3154e+02
	725	0.0000e+00	0.0000e+00	0.0000e+00	-3.1034e+02	-3.7692e+01	1.4528e+02
	726	0.0000e+00	0.0000e+00	0.0000e+00	-2.9312e+02	-6.6138e+01	1.4372e+02
	716	0.0000e+00	0.0000e+00	0.0000e+00	-4.2346e+02	-5.5597e+01	1.2997e+02
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	-4.4492e+02	-3.8602e+01	9.4930e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	-3.2255e+02	2.0732e+00	1.0503e+02
	725	0.0000e+00	0.0000e+00	0.0000e+00	-3.0597e+02	-2.8075e+01	1.2877e+02
	715	0.0000e+00	0.0000e+00	0.0000e+00	-4.4253e+02	-4.0362e+01	1.1868e+02
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	-4.5011e+02	-3.2682e+01	2.7432e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-3.2874e+02	2.2083e+01	3.1661e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	-3.1858e+02	7.0302e+00	7.6287e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	-4.5231e+02	-3.5844e+01	7.2094e+01
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	-4.9333e+02	5.6876e+00	8.2627e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-4.2238e+02	-6.8651e+01	8.3982e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-1.7138e+02	5.0408e+01	7.5415e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-7.4907e+02	-2.0826e+01	7.4071e+01
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	-5.0708e+02	-7.7094e+01	4.3934e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-4.1041e+02	-7.6984e+01	4.1374e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-4.4530e+02	-5.1927e+01	3.9203e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-4.7788e+02	-4.5228e+01	4.1610e+01
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	-5.0114e+02	-8.8960e+01	5.5194e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-4.1428e+02	-1.0404e+02	5.3348e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-4.1249e+02	-8.9311e+01	4.2104e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	-5.0693e+02	-7.8109e+01	4.3555e+01
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	-5.0352e+02	-9.2028e+01	6.6135e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	-4.1807e+02	-1.0910e+02	6.8673e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-4.1654e+02	-1.0676e+02	5.3110e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-5.0041e+02	-9.1407e+01	5.0398e+01
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	-5.1817e+02	-8.1571e+01	7.8835e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	-4.2840e+02	-1.0183e+02	8.9729e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	-4.2047e+02	-1.0682e+02	7.1752e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	-5.0590e+02	-9.1385e+01	6.0769e+01
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	-5.4643e+02	-6.3202e+01	9.2803e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	-4.4630e+02	-8.5887e+01	1.1221e+02
	718	0.0000e+00	0.0000e+00	0.0000e+00	-4.3245e+02	-9.4522e+01	9.3014e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	-5.2430e+02	-7.9467e+01	7.3514e+01
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	-5.8246e+02	-4.7661e+01	1.0694e+02
	716	0.0000e+00	0.0000e+00	0.0000e+00	-4.6809e+02	-6.8563e+01	1.3002e+02
	717	0.0000e+00	0.0000e+00	0.0000e+00	-4.5113e+02	-7.6281e+01	1.1248e+02



	707	0.0000e+00	0.0000e+00	0.0000e+00	-5.5640e+02	-6.2046e+01	8.9336e+01
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	-6.1238e+02	-5.3452e+01	1.1335e+02
	715	0.0000e+00	0.0000e+00	0.0000e+00	-4.8557e+02	-5.9029e+01	1.3034e+02
	716	0.0000e+00	0.0000e+00	0.0000e+00	-4.7047e+02	-6.1795e+01	1.2287e+02
	706	0.0000e+00	0.0000e+00	0.0000e+00	-5.9530e+02	-5.1808e+01	1.0587e+02
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	-6.2424e+02	-9.0691e+01	9.2953e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	-4.9116e+02	-6.1451e+01	9.6404e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	-4.8210e+02	-6.0098e+01	1.1232e+02
	705	0.0000e+00	0.0000e+00	0.0000e+00	-6.2574e+02	-6.5460e+01	1.0889e+02
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	-6.2728e+02	-1.1829e+02	2.8912e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-4.9043e+02	-6.5051e+01	2.8037e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	-4.8455e+02	-6.6641e+01	7.0054e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	-6.3411e+02	-1.0507e+02	7.0979e+01
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	-6.0543e+02	-1.5894e+01	7.9044e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-5.4622e+02	-7.7093e+01	7.7859e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-3.2718e+02	2.8832e+01	7.6245e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	-8.3132e+02	-4.7690e+01	7.7470e+01
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	-5.9940e+02	-7.3097e+01	5.1608e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	-5.3575e+02	-7.0420e+01	4.2940e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-5.6850e+02	-5.8424e+01	3.8432e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	-5.8450e+02	-4.3811e+01	4.6550e+01
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	-5.7899e+02	-8.7184e+01	6.1818e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-5.3347e+02	-8.9721e+01	5.2477e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	-5.3407e+02	-8.2262e+01	4.5183e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	-5.9634e+02	-6.9877e+01	5.3943e+01
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	-5.7813e+02	-9.3245e+01	5.7160e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	-5.3462e+02	-9.3781e+01	5.8403e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-5.3245e+02	-9.3842e+01	5.4638e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	-5.7799e+02	-8.8625e+01	5.3199e+01
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	-6.0145e+02	-8.2791e+01	4.8062e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	-5.5123e+02	-8.6272e+01	6.5816e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	-5.3731e+02	-9.1415e+01	6.2989e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	-5.8251e+02	-9.2323e+01	4.5115e+01
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	-6.5150e+02	-5.9636e+01	4.1636e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	-5.8526e+02	-7.0773e+01	7.6563e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	-5.5985e+02	-7.6811e+01	7.0467e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	-6.1195e+02	-7.9865e+01	3.5222e+01
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	-7.2522e+02	-3.3849e+01	4.6025e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	-6.3096e+02	-5.8726e+01	9.3155e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	-5.9944e+02	-5.6652e+01	7.9281e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	-6.6821e+02	-5.7914e+01	3.1965e+01
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	-8.0691e+02	-3.0368e+01	6.6453e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	-6.7039e+02	-6.9715e+01	1.1097e+02
	706	0.0000e+00	0.0000e+00	0.0000e+00	-6.4619e+02	-4.6679e+01	8.9229e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	-7.4709e+02	-4.1050e+01	4.5013e+01
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	-8.4405e+02	-1.1431e+02	8.7904e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	-6.8438e+02	-1.1427e+02	9.9069e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	-6.7454e+02	-7.4141e+01	9.2576e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	-8.3128e+02	-5.9867e+01	8.1583e+01
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	-8.5655e+02	-2.1964e+02	3.1414e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-6.7380e+02	-1.5550e+02	2.5787e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	-6.7023e+02	-1.3707e+02	7.0119e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	-8.6922e+02	-1.6949e+02	7.5791e+01
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	-6.6161e+02	-1.2661e+01	1.0718e+02
	702	0.0000e+00	0.0000e+00	0.0000e+00	-6.4752e+02	-7.8105e+01	8.4201e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	-4.5429e+02	-3.5078e+01	8.1863e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	-9.0190e+02	-9.2032e+01	1.0476e+02
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	-5.9373e+02	-6.0354e+01	9.7557e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	-6.1757e+02	-5.5477e+01	5.8456e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	-6.5977e+02	-5.8114e+01	4.9824e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-6.2440e+02	-3.4554e+01	8.8187e+01
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	-5.5167e+02	-9.5097e+01	8.4088e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	-5.8985e+02	-8.4943e+01	5.9236e+01

	701	0.0000e+00	0.0000e+00	0.0000e+00	-5.9967e+02	-7.5551e+01	6.8643e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	-5.8761e+02	-8.6073e+01	9.3335e+01
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	-5.4980e+02	-1.1739e+02	4.4864e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	-5.8237e+02	-9.7159e+01	4.4625e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	-5.8134e+02	-9.3434e+01	6.5953e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	-5.5112e+02	-1.1877e+02	6.6111e+01
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	-5.8319e+02	-1.1547e+02	3.8397e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	-6.0611e+02	-9.1292e+01	2.5599e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	-5.8469e+02	-9.5544e+01	5.0386e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	-5.5709e+02	-1.2521e+02	2.4508e+01
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	-6.5527e+02	-9.2158e+01	-4.6717e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	-6.6294e+02	-7.1168e+01	1.1341e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	-6.2001e+02	-7.9850e+01	3.1178e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-5.9911e+02	-1.0848e+02	-2.3494e+01
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	-7.7537e+02	-5.1313e+01	-8.2690e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	-7.5331e+02	-4.8500e+01	1.3600e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	-6.9024e+02	-5.0735e+01	1.7693e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	-6.8112e+02	-7.3840e+01	-7.1024e+01
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	-9.6295e+02	1.7707e+01	-8.3430e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	-8.5900e+02	-5.1883e+01	3.9087e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	-7.9592e+02	2.2397e+01	1.8195e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	-8.1215e+02	-3.0867e+01	-1.0507e+02
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	-1.1531e+03	2.3625e+01	2.2222e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	-9.4640e+02	-1.4280e+02	1.1150e+02
	695	0.0000e+00	0.0000e+00	0.0000e+00	-9.0538e+02	-2.4831e+01	3.5847e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	-1.0072e+03	-2.0479e+01	-7.2118e+01
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	-1.2656e+03	-3.0269e+02	1.7311e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	-9.2113e+02	-2.7602e+02	3.1862e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	-9.0631e+02	-1.9976e+02	6.9835e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	-1.2504e+03	-2.5519e+02	5.5309e+01
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	-4.6911e+02	-9.6566e+01	3.1508e+02
	691	0.0000e+00	0.0000e+00	0.0000e+00	-7.1323e+02	-2.7224e+01	1.3285e+02
	693	0.0000e+00	0.0000e+00	0.0000e+00	-4.8874e+02	-8.3835e+01	7.3277e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.0361e+03	1.1758e+02	2.5506e+02
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	-3.7282e+02	-2.3414e+02	1.7875e+02
	689	0.0000e+00	0.0000e+00	0.0000e+00	-5.4800e+02	-4.1624e+01	8.4858e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-6.9259e+02	-4.4710e+01	1.2589e+02
	692	0.0000e+00	0.0000e+00	0.0000e+00	-4.0050e+02	6.8575e+01	2.1978e+02
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	-3.5073e+02	-2.4882e+02	9.4658e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	-4.9160e+02	-1.0395e+02	6.4809e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	-5.4720e+02	-8.2914e+01	1.1376e+02
	690	0.0000e+00	0.0000e+00	0.0000e+00	-3.4997e+02	-3.9754e+01	1.4359e+02
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	-3.6539e+02	-2.3241e+02	1.7187e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	-4.9375e+02	-1.3027e+02	2.2329e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	-5.0376e+02	-1.1942e+02	7.2904e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-3.4604e+02	-1.2425e+02	6.7782e+01
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	-4.0877e+02	-1.9570e+02	-6.3197e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-5.3441e+02	-1.2862e+02	-2.9551e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	-5.0693e+02	-1.3062e+02	2.4817e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-3.7438e+02	-1.7887e+02	-9.0236e+00
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	-4.8331e+02	-1.4423e+02	-1.5204e+02
	681	0.0000e+00	0.0000e+00	0.0000e+00	-6.1480e+02	-1.0452e+02	-8.7528e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-5.4925e+02	-1.1717e+02	-2.7982e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-4.3035e+02	-2.0439e+02	-9.2459e+01
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	-6.0260e+02	-8.3583e+01	-2.5456e+02
	679	0.0000e+00	0.0000e+00	0.0000e+00	-7.5084e+02	-6.3551e+01	-1.4735e+02
	681	0.0000e+00	0.0000e+00	0.0000e+00	-6.3662e+02	-8.0422e+01	-8.1562e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-5.1993e+02	-2.0164e+02	-1.8875e+02
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	-8.0363e+02	-4.0571e+01	-3.7686e+02
	677	0.0000e+00	0.0000e+00	0.0000e+00	-9.8548e+02	-1.9483e+01	-1.9512e+02
	679	0.0000e+00	0.0000e+00	0.0000e+00	-7.9308e+02	2.2823e+01	-1.2558e+02
	680	0.0000e+00	0.0000e+00	0.0000e+00	-6.6240e+02	-1.6628e+02	-3.0725e+02
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	-1.1783e+03	-7.4132e+01	-5.0700e+02

	675	0.0000e+00	0.0000e+00	0.0000e+00	-1.4505e+03	-7.3094e+01	-1.6301e+02
	677	0.0000e+00	0.0000e+00	0.0000e+00	-1.0923e+03	9.7900e+01	-1.2210e+02
	678	0.0000e+00	0.0000e+00	0.0000e+00	-9.0515e+02	8.2701e+01	-4.6587e+02
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	-3.2636e+03	-3.2848e+02	-5.0278e+02
	577	0.0000e+00	0.0000e+00	0.0000e+00	-1.0333e+03	-4.8855e+02	1.5495e+02
	675	0.0000e+00	0.0000e+00	0.0000e+00	-1.6833e+03	-8.7421e+01	-1.3747e+02
	676	0.0000e+00	0.0000e+00	0.0000e+00	-1.4036e+03	3.7694e+02	-7.9485e+02
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	2.1749e+03	2.8958e+01	1.7554e+02
	674	0.0000e+00	0.0000e+00	0.0000e+00	9.0774e+02	-1.1061e+03	1.7642e+03
	21	0.0000e+00	0.0000e+00	0.0000e+00	6.0493e+03	1.3733e+03	1.1742e+03
	665	0.0000e+00	0.0000e+00	0.0000e+00	2.4011e+02	1.4078e+03	-4.1452e+02
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	7.3508e+02	-3.2896e+02	1.1892e+02
	673	0.0000e+00	0.0000e+00	0.0000e+00	4.5302e+02	-1.5382e+02	5.3532e+02
	674	0.0000e+00	0.0000e+00	0.0000e+00	4.7013e+02	1.7315e+02	7.5074e+02
	664	0.0000e+00	0.0000e+00	0.0000e+00	1.5583e+03	-7.8670e+01	3.3435e+02
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	3.7791e+02	-1.7317e+02	1.3974e+02
	672	0.0000e+00	0.0000e+00	0.0000e+00	2.6592e+02	-1.0510e+02	2.7815e+02
	673	0.0000e+00	0.0000e+00	0.0000e+00	3.4780e+02	1.7913e+01	4.0845e+02
	663	0.0000e+00	0.0000e+00	0.0000e+00	5.7525e+02	-1.7225e+02	2.7004e+02
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	2.4940e+02	-1.4816e+02	7.1594e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	2.1143e+02	-8.6959e+01	1.2003e+02
	672	0.0000e+00	0.0000e+00	0.0000e+00	2.2446e+02	-4.3487e+01	2.0768e+02
	662	0.0000e+00	0.0000e+00	0.0000e+00	3.3402e+02	-1.5597e+02	1.5924e+02
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	2.1523e+02	-1.4285e+02	9.9499e-01
	670	0.0000e+00	0.0000e+00	0.0000e+00	1.9601e+02	-8.3230e+01	1.2117e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	1.9785e+02	-7.0188e+01	7.9990e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	2.3598e+02	-1.4506e+02	6.8772e+01
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	2.4021e+02	-1.4967e+02	-7.5008e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	2.0302e+02	-7.4719e+01	-9.0214e+01
	670	0.0000e+00	0.0000e+00	0.0000e+00	1.9681e+02	-8.4178e+01	-2.2155e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	2.1574e+02	-1.4407e+02	-6.9801e+00
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	3.4340e+02	-1.6669e+02	-1.6628e+02
	668	0.0000e+00	0.0000e+00	0.0000e+00	2.3568e+02	-5.3514e+01	-2.1892e+02
	669	0.0000e+00	0.0000e+00	0.0000e+00	2.1825e+02	-9.3450e+01	-1.3062e+02
	659	0.0000e+00	0.0000e+00	0.0000e+00	2.5468e+02	-1.5523e+02	-7.7979e+01
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	5.9068e+02	-1.8959e+02	-2.7892e+02
	667	0.0000e+00	0.0000e+00	0.0000e+00	3.6509e+02	2.8416e+00	-4.2189e+02
	668	0.0000e+00	0.0000e+00	0.0000e+00	2.7892e+02	-1.1723e+02	-2.9011e+02
	658	0.0000e+00	0.0000e+00	0.0000e+00	3.8840e+02	-1.8632e+02	-1.4714e+02
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	1.5802e+03	-1.0356e+02	-3.4722e+02
	666	0.0000e+00	0.0000e+00	0.0000e+00	4.9379e+02	1.5270e+02	-7.6844e+02
	667	0.0000e+00	0.0000e+00	0.0000e+00	4.7233e+02	-1.7152e+02	-5.4993e+02
	657	0.0000e+00	0.0000e+00	0.0000e+00	7.5157e+02	-3.4834e+02	-1.2871e+02
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	2.7790e+02	1.3687e+03	3.8956e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	6.0648e+03	1.3501e+03	-1.2019e+03
	666	0.0000e+00	0.0000e+00	0.0000e+00	9.3360e+02	-1.1273e+03	-1.7813e+03
	656	0.0000e+00	0.0000e+00	0.0000e+00	2.1965e+03	3.4238e+00	-1.8989e+02
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	4.8259e+02	4.0247e+02	-1.8393e+02
	664	0.0000e+00	0.0000e+00	0.0000e+00	1.1730e+03	4.3345e+02	-2.3530e+02
	665	0.0000e+00	0.0000e+00	0.0000e+00	1.1075e+03	8.8744e+02	-9.3083e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	4.4447e+02	6.3656e+02	-4.1715e+01
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	5.5717e+02	-1.5941e+02	-7.8031e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	6.5586e+02	-1.6773e+02	9.1799e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	9.3036e+02	-1.9798e+02	-1.0618e+02
	653	0.0000e+00	0.0000e+00	0.0000e+00	6.2536e+02	1.8607e+02	-2.7601e+02
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	3.7302e+02	-1.9619e+02	-1.4521e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	3.9307e+02	-1.9075e+02	1.3174e+02
	663	0.0000e+00	0.0000e+00	0.0000e+00	6.0865e+02	-1.8357e+02	9.1972e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	4.5244e+02	-9.9318e+01	-5.4293e+01
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	2.5152e+02	-1.9346e+02	4.8307e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	2.6933e+02	-1.7308e+02	7.3424e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	3.5277e+02	-1.6662e+02	8.3757e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	3.1566e+02	-1.6671e+02	1.0522e+01

1936	649	0.0000e+00	0.0000e+00	0.0000e+00	2.0838e+02	-1.8616e+02	-6.4317e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	2.2925e+02	-1.6388e+02	1.4616e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	2.5154e+02	-1.6007e+02	3.5963e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	2.2826e+02	-1.8008e+02	1.5002e+01
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	2.3111e+02	-1.8492e+02	-1.7198e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	2.5542e+02	-1.6519e+02	-4.1026e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	2.2974e+02	-1.6479e+02	-1.9703e+01
	649	0.0000e+00	0.0000e+00	0.0000e+00	2.0871e+02	-1.8734e+02	4.4188e+00
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	3.2250e+02	-1.7796e+02	-1.2610e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	3.6153e+02	-1.7797e+02	-8.9266e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	2.7430e+02	-1.8017e+02	-7.8884e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	2.5513e+02	-2.0074e+02	-2.7720e+00
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	4.6538e+02	-1.1795e+02	5.2277e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	6.2351e+02	-2.0158e+02	-9.8766e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	4.0330e+02	-2.0449e+02	-1.3811e+02
	647	0.0000e+00	0.0000e+00	0.0000e+00	3.8093e+02	-2.1013e+02	1.3048e+01
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	6.4860e+02	1.5810e+02	2.7334e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	9.5400e+02	-2.2325e+02	9.6084e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	6.7302e+02	-1.8904e+02	-1.0031e+02
	646	0.0000e+00	0.0000e+00	0.0000e+00	5.7187e+02	-1.8116e+02	7.6964e+01
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	4.8680e+02	5.9713e+02	3.9942e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	1.1474e+03	8.4948e+02	7.7573e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	1.1999e+03	4.0199e+02	2.2126e+02
	645	0.0000e+00	0.0000e+00	0.0000e+00	5.1013e+02	3.6958e+02	1.8361e+02
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	1.1809e+02	2.6312e+02	-1.2858e+02
	653	0.0000e+00	0.0000e+00	0.0000e+00	4.4825e+02	3.2469e+02	-1.7884e+02
	654	0.0000e+00	0.0000e+00	0.0000e+00	3.6883e+02	5.0874e+02	-6.3332e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	9.7425e+01	3.4141e+02	-1.3085e+01
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	1.9915e+02	9.6358e+00	-1.3367e+02
	652	0.0000e+00	0.0000e+00	0.0000e+00	4.1897e+02	-6.4872e+01	-1.6029e+02
	653	0.0000e+00	0.0000e+00	0.0000e+00	3.8388e+02	1.4824e+02	-2.0341e+02
	642	0.0000e+00	0.0000e+00	0.0000e+00	1.8098e+02	1.5922e+02	-1.7679e+02
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	1.8654e+02	-1.2470e+02	-8.9844e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	3.0195e+02	-1.6047e+02	-4.2362e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	3.8801e+02	-1.1715e+02	-1.0663e+02
	641	0.0000e+00	0.0000e+00	0.0000e+00	1.9603e+02	-2.5563e+01	-1.5411e+02
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	1.4139e+02	-1.6443e+02	-4.4557e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	2.1878e+02	-1.8528e+02	-3.3871e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	2.7924e+02	-1.7651e+02	-4.1210e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	1.6328e+02	-1.2231e+02	-8.2422e+01
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	1.1831e+02	-1.7045e+02	-7.5365e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	1.8737e+02	-1.8915e+02	7.2409e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	2.0718e+02	-1.8643e+02	-1.6323e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	1.2719e+02	-1.5868e+02	-3.0881e+01
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	1.2836e+02	-1.6294e+02	3.0907e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	2.0970e+02	-1.9172e+02	1.4907e+01
	649	0.0000e+00	0.0000e+00	0.0000e+00	1.8751e+02	-1.8989e+02	-9.1249e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	1.1849e+02	-1.7149e+02	7.4658e+00
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	1.6658e+02	-1.3215e+02	8.4113e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	2.8528e+02	-1.8813e+02	4.0651e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	2.2169e+02	-1.9218e+02	2.6441e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	1.4302e+02	-1.7089e+02	4.5203e+01
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	2.0380e+02	-4.1669e+01	1.5903e+02
	646	0.0000e+00	0.0000e+00	0.0000e+00	3.9984e+02	-1.3598e+02	1.0745e+02
	647	0.0000e+00	0.0000e+00	0.0000e+00	3.0883e+02	-1.7420e+02	4.1224e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	1.9079e+02	-1.3716e+02	9.2811e+01
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	1.9772e+02	1.3593e+02	1.8744e+02
	645	0.0000e+00	0.0000e+00	0.0000e+00	4.0648e+02	1.2042e+02	2.0641e+02
	646	0.0000e+00	0.0000e+00	0.0000e+00	4.3255e+02	-8.6735e+01	1.5988e+02
	635	0.0000e+00	0.0000e+00	0.0000e+00	2.0915e+02	-1.0005e+01	1.4092e+02
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	1.3090e+02	3.1081e+02	3.3936e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	4.0941e+02	4.7003e+02	7.0859e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	4.7406e+02	2.9241e+02	1.8026e+02

	634	0.0000e+00	0.0000e+00	0.0000e+00	1.3968e+02	2.3483e+02	1.4326e+02
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	-1.1801e+02	1.4436e+02	-8.4197e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	9.7558e+01	2.0065e+02	-1.1000e+02
	643	0.0000e+00	0.0000e+00	0.0000e+00	6.3608e+01	2.7397e+02	-3.0163e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.2998e+02	1.7206e+02	-4.3888e+00
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	-7.6988e+01	3.2170e+01	-1.2397e+02
	641	0.0000e+00	0.0000e+00	0.0000e+00	1.2968e+02	1.2764e+01	-1.5917e+02
	642	0.0000e+00	0.0000e+00	0.0000e+00	7.8738e+01	1.3240e+02	-1.5188e+02
	631	0.0000e+00	0.0000e+00	0.0000e+00	-9.0215e+01	9.8554e+01	-1.1667e+02
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	5.8741e+01	-6.0998e+01	-1.0459e+02
	640	0.0000e+00	0.0000e+00	0.0000e+00	1.1652e+02	-1.0113e+02	-1.0994e+02
	641	0.0000e+00	0.0000e+00	0.0000e+00	1.1399e+02	-3.7913e+01	-1.4801e+02
	630	0.0000e+00	0.0000e+00	0.0000e+00	6.4210e+01	-2.6049e+00	-1.4266e+02
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	5.8743e+01	-1.0733e+02	-5.9401e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	8.9458e+01	-1.4859e+02	-5.0189e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	1.0560e+02	-1.2596e+02	-9.7247e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	5.8250e+01	-7.3981e+01	-1.0646e+02
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	6.2964e+01	-1.2062e+02	-6.6541e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	7.6619e+01	-1.6321e+02	2.0806e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	8.3822e+01	-1.5682e+02	-4.6042e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	6.1005e+01	-1.0986e+02	-5.1424e+01
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	6.4310e+01	-1.1268e+02	5.0966e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	8.4920e+01	-1.6151e+02	4.6200e+01
	638	0.0000e+00	0.0000e+00	0.0000e+00	7.6473e+01	-1.6355e+02	2.8153e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	6.3432e+01	-1.2133e+02	6.3217e+00
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	6.4893e+01	-8.0263e+01	1.0919e+02
	636	0.0000e+00	0.0000e+00	0.0000e+00	1.0819e+02	-1.3595e+02	9.9869e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	9.0244e+01	-1.5407e+02	5.0451e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	6.2870e+01	-1.1168e+02	5.9828e+01
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	7.3009e+01	-1.2216e+01	1.5163e+02
	635	0.0000e+00	0.0000e+00	0.0000e+00	1.2032e+02	-5.3783e+01	1.5529e+02
	636	0.0000e+00	0.0000e+00	0.0000e+00	1.1898e+02	-1.1215e+02	1.1266e+02
	625	0.0000e+00	0.0000e+00	0.0000e+00	6.5863e+01	-6.9143e+01	1.0905e+02
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	-9.7401e+01	8.6084e+01	1.3624e+02
	634	0.0000e+00	0.0000e+00	0.0000e+00	9.3375e+01	1.0987e+02	1.6709e+02
	635	0.0000e+00	0.0000e+00	0.0000e+00	1.3645e+02	-4.5991e+00	1.6669e+02
	624	0.0000e+00	0.0000e+00	0.0000e+00	-8.4733e+01	2.0095e+01	1.3586e+02
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.2899e+02	1.5852e+02	4.0878e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	8.9698e+01	2.4470e+02	5.8429e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	1.1363e+02	1.7645e+02	1.2614e+02
	623	0.0000e+00	0.0000e+00	0.0000e+00	-1.2143e+02	1.2850e+02	1.0847e+02
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	-2.8851e+02	5.4986e+01	-5.8926e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-1.4460e+02	9.9568e+01	-7.0665e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.6182e+02	1.2771e+02	-1.3512e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-2.9375e+02	5.9122e+01	-1.8018e+00
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	-2.6515e+02	1.7098e+01	-1.0326e+02
	630	0.0000e+00	0.0000e+00	0.0000e+00	-1.1740e+02	1.5439e+01	-1.2547e+02
	631	0.0000e+00	0.0000e+00	0.0000e+00	-1.5275e+02	7.4454e+01	-1.0767e+02
	620	0.0000e+00	0.0000e+00	0.0000e+00	-2.7173e+02	3.7555e+01	-8.5452e+01
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	-2.4210e+02	-2.4759e+01	-9.7184e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-1.0561e+02	-5.6485e+01	-1.1146e+02
	630	0.0000e+00	0.0000e+00	0.0000e+00	-1.2535e+02	-1.1500e+01	-1.3258e+02
	619	0.0000e+00	0.0000e+00	0.0000e+00	-2.4902e+02	-1.6196e+00	-1.1830e+02
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	-2.3018e+02	-5.2365e+01	-5.8982e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.0661e+02	-9.6436e+01	-6.3302e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-1.1115e+02	-7.4050e+01	-1.0502e+02
	618	0.0000e+00	0.0000e+00	0.0000e+00	-2.3372e+02	-3.5682e+01	-1.0070e+02
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	-2.2858e+02	-6.2608e+01	-7.3185e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	-1.1070e+02	-1.1138e+02	-6.4541e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.0980e+02	-1.0417e+02	-5.4507e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-2.2787e+02	-5.6520e+01	-5.5141e+01
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	-2.3429e+02	-5.7315e+01	5.0619e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	-1.1350e+02	-1.0745e+02	5.3249e+01

	627	0.0000e+00	0.0000e+00	0.0000e+00	-1.1177e+02	-1.1115e+02	5.3229e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	-2.2938e+02	-6.2776e+01	5.9957e+00
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	-2.4716e+02	-3.6902e+01	1.0032e+02
	625	0.0000e+00	0.0000e+00	0.0000e+00	-1.1905e+02	-8.0307e+01	1.0751e+02
	626	0.0000e+00	0.0000e+00	0.0000e+00	-1.1243e+02	-9.9216e+01	6.2532e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-2.3807e+02	-5.3512e+01	5.5518e+01
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	-2.6886e+02	-2.0007e+00	1.2587e+02
	624	0.0000e+00	0.0000e+00	0.0000e+00	-1.3597e+02	-2.0511e+01	1.4225e+02
	625	0.0000e+00	0.0000e+00	0.0000e+00	-1.1555e+02	-6.2148e+01	1.1489e+02
	614	0.0000e+00	0.0000e+00	0.0000e+00	-2.5659e+02	-2.6386e+01	9.8603e+01
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	-2.9712e+02	3.9668e+01	1.0610e+02
	623	0.0000e+00	0.0000e+00	0.0000e+00	-1.6339e+02	6.3279e+01	1.2923e+02
	624	0.0000e+00	0.0000e+00	0.0000e+00	-1.2987e+02	7.1826e+00	1.3680e+02
	613	0.0000e+00	0.0000e+00	0.0000e+00	-2.8533e+02	1.6064e+01	1.1371e+02
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	-3.2192e+02	6.7162e+01	4.2474e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	-1.7127e+02	1.1608e+02	5.3497e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	-1.5665e+02	8.9946e+01	9.5299e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-3.1330e+02	5.6400e+01	8.4111e+01
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	-4.5472e+02	-1.7496e+01	-4.9080e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-3.1840e+02	1.9491e+01	-5.1621e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-3.2556e+02	2.4738e+01	-5.6952e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	-4.5269e+02	-2.9996e+01	-3.1467e+00
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	-4.4625e+02	-3.4913e+00	-9.0495e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-3.0415e+02	-2.4381e+00	-9.9279e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-3.2533e+02	1.5807e+01	-8.2833e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-4.4293e+02	-1.5852e+01	-7.4037e+01
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	-4.2855e+02	5.1293e+00	-8.5751e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-2.9225e+02	-2.7795e+01	-9.6793e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-3.1069e+02	-1.0324e+01	-1.1258e+02
	608	0.0000e+00	0.0000e+00	0.0000e+00	-4.3241e+02	-5.0442e+00	-1.0153e+02
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	-4.1299e+02	1.0986e+01	-5.2788e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-2.8589e+02	-4.6627e+01	-6.0576e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-2.9577e+02	-3.5803e+01	-9.6125e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-4.1863e+02	7.4153e+00	-8.8345e+01
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	-4.0873e+02	-1.4434e+01	-9.8887e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	-2.8638e+02	-5.5298e+01	-1.0216e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-2.8764e+02	-5.1166e+01	-5.2858e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-4.0875e+02	1.2507e+01	-5.2094e+01
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	-4.1872e+02	1.1883e+01	3.9747e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-2.9465e+02	-5.2422e+01	4.6470e+01
	616	0.0000e+00	0.0000e+00	0.0000e+00	-2.8802e+02	-5.4398e+01	6.2219e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	-4.1003e+02	-1.3945e+01	1.0424e+01
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	-4.4027e+02	6.3026e+00	8.0163e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	-3.1130e+02	-3.6910e+01	9.3982e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-2.9621e+02	-4.5923e+01	5.5026e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-4.2553e+02	9.5291e+00	4.1753e+01
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	-4.6652e+02	4.5991e+00	1.0126e+02
	613	0.0000e+00	0.0000e+00	0.0000e+00	-3.3457e+02	-1.0049e+01	1.1861e+02
	614	0.0000e+00	0.0000e+00	0.0000e+00	-3.1122e+02	-2.6441e+01	9.6279e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-4.5264e+02	5.9834e+00	7.9146e+01
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	-4.9094e+02	-5.0831e+00	8.6692e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-3.5724e+02	1.9483e+01	1.0227e+02
	613	0.0000e+00	0.0000e+00	0.0000e+00	-3.3165e+02	1.2710e+00	1.0806e+02
	602	0.0000e+00	0.0000e+00	0.0000e+00	-4.8266e+02	7.7472e+00	9.2550e+01
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	-5.1488e+02	-8.8001e+00	3.5643e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	-3.6706e+02	3.5051e+01	4.5406e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-3.5411e+02	2.8050e+01	7.5610e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-5.0493e+02	-7.2155e+00	6.5486e+01
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	-6.4069e+02	-8.1890e+01	-5.1813e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-4.8757e+02	-4.9896e+01	-4.6474e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-4.8790e+02	-6.2058e+01	-3.7116e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	-6.3003e+02	-1.1494e+02	-8.9925e+00
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	-6.3567e+02	-1.4893e+01	-8.3590e+01

	608	0.0000e+00	0.0000e+00	0.0000e+00	-4.8778e+02	-2.0080e+01	-8.3811e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-4.9794e+02	-3.6570e+01	-7.5426e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-6.2691e+02	-5.8406e+01	-7.5181e+01
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	-6.0806e+02	2.0521e+01	-6.7588e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-4.7864e+02	7.2472e+00	-8.0522e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-4.9262e+02	-1.4865e+01	-9.9378e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-6.2068e+02	3.2365e+00	-8.6451e+01
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	-5.8026e+02	2.9681e+01	-3.9047e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-4.6622e+02	1.0698e+01	-5.2686e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-4.7735e+02	1.0172e+01	-8.2365e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-5.9655e+02	2.5672e+01	-6.8759e+01
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	-5.7124e+02	3.1361e+01	-1.3031e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	-4.6289e+02	1.3432e+01	-1.5121e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-4.6465e+02	1.2598e+01	-4.6286e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-5.7481e+02	3.0671e+01	-4.3556e+01
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	-5.8757e+02	3.3681e+01	2.2191e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-4.7514e+02	1.2532e+01	3.1523e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	-4.6500e+02	1.2717e+01	9.2860e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	-5.7303e+02	3.2266e+01	-1.9400e+01
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	-6.2479e+02	3.4031e+01	4.9819e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-5.0092e+02	8.3526e+00	7.1058e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-4.8104e+02	1.0391e+01	3.8864e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-5.9665e+02	3.4853e+01	2.1403e+01
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	-6.6651e+02	1.7638e+01	7.3087e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-5.3051e+02	-5.1178e+00	9.5357e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-5.0692e+02	7.2616e+00	7.1287e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-6.4011e+02	3.1852e+01	5.0060e+01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	-6.9401e+02	-2.8764e+01	7.1572e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-5.5209e+02	-1.8200e+01	8.3596e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-5.3104e+02	-4.7374e+00	8.3239e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-6.8569e+02	7.1162e+00	7.1440e+01
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	-7.2201e+02	-6.7304e+01	2.3572e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	-5.6272e+02	-3.1435e+01	3.1070e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-5.4805e+02	-2.4433e+01	6.0170e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-7.1269e+02	-4.6854e+01	5.0816e+01
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	-8.8010e+02	-1.4001e+02	-6.3219e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-6.7633e+02	-1.1532e+02	-5.0428e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-6.7247e+02	-1.5162e+02	-7.5745e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	-8.5902e+02	-2.1204e+02	-2.0248e+01
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	-8.4018e+02	4.9706e+00	-5.8992e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-6.8762e+02	-2.0413e+01	-6.6856e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-6.9544e+02	-7.9721e+01	-8.2283e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-8.5016e+02	-7.3814e+01	-7.4242e+01
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	-7.6077e+02	4.0676e+01	-1.8274e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-6.6050e+02	2.6654e+01	-5.5680e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-6.8137e+02	-1.3350e+01	-8.2264e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-8.1762e+02	2.6897e+01	-4.4472e+01
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	-7.0186e+02	4.4345e+01	-7.2248e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	-6.2572e+02	3.4958e+01	-3.8009e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-6.4612e+02	2.0774e+01	-5.4867e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-7.4358e+02	4.5345e+01	-2.4285e+01
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	-6.8234e+02	4.3736e+01	-1.5038e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	-6.1278e+02	3.3709e+01	-2.1793e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-6.1758e+02	3.0034e+01	-3.0958e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-6.9347e+02	4.4035e+01	-2.3064e+01
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	-7.0710e+02	4.7989e+01	2.5801e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-6.3057e+02	3.2800e+01	1.5849e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	-6.1510e+02	3.5113e+01	1.5094e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	-6.8440e+02	4.4981e+01	-3.2326e+01
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	-7.7412e+02	5.6413e+01	3.0196e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-6.7542e+02	2.8800e+01	3.4569e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-6.4350e+02	4.1245e+01	1.9067e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-7.1975e+02	5.1340e+01	-4.0238e+01

1999	580	0.0000e+00	0.0000e+00	0.0000e+00	-8.6799e+02	4.8780e+01	3.1403e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-7.2942e+02	6.3487e+00	6.4102e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-6.9510e+02	4.0002e+01	3.7082e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-7.9600e+02	5.5944e+01	3.6264e+01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	-9.2602e+02	-3.6771e+01	5.1259e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-7.6640e+02	-4.8571e+01	7.1378e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-7.4204e+02	4.8934e+00	5.2887e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-8.9612e+02	3.2568e+01	3.7798e+01
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	-9.6757e+02	-1.5210e+02	2.1763e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	-7.7353e+02	-1.0228e+02	1.7261e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-7.5546e+02	-7.4802e+01	4.6244e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-9.6295e+02	-9.4458e+01	4.0535e+01
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	-1.2569e+03	-1.6890e+02	-4.8463e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-9.2565e+02	-1.6868e+02	-4.9317e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	-9.2103e+02	-2.6627e+02	-2.3094e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	-1.2652e+03	-3.1806e+02	-2.1669e+01
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	-9.9667e+02	4.1989e+01	8.9446e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-9.1518e+02	3.9924e+01	-1.8208e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-9.6070e+02	-1.0080e+02	-9.4336e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	-1.1592e+03	5.3747e+01	-1.8014e+01
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	-8.1942e+02	4.4008e+01	9.9430e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-8.0514e+02	5.6400e+01	-6.5483e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	-8.6183e+02	1.0539e+01	-1.5933e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	-9.5880e+02	5.0124e+01	8.7003e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	-7.2276e+02	3.1690e+01	4.9074e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-7.2435e+02	4.6864e+01	-6.9374e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	-7.6752e+02	3.4466e+01	1.3259e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	-7.9164e+02	3.2256e+01	6.7967e+01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	-6.9164e+02	3.3906e+01	-1.5903e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	-6.9639e+02	4.0751e+01	-2.8662e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-7.0796e+02	3.7691e+01	3.2247e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	-7.0975e+02	3.2872e+01	1.6620e+01
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	-7.2131e+02	3.4119e+01	-7.5679e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-7.2114e+02	4.1403e+01	-5.1691e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	-6.9870e+02	4.2006e+01	-2.2745e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-6.9345e+02	3.3770e+01	-4.6281e+01
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	-8.1776e+02	3.9680e+01	-1.2815e+02
	581	0.0000e+00	0.0000e+00	0.0000e+00	-7.9739e+02	4.5310e+01	-6.4070e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-7.4232e+02	5.4148e+01	-4.4072e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-7.3809e+02	3.7171e+01	-1.0823e+02
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	-1.0022e+03	6.9565e+01	-1.4895e+02
	580	0.0000e+00	0.0000e+00	0.0000e+00	-9.1139e+02	3.1875e+01	4.7503e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-8.4037e+02	7.2544e+01	-5.3976e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-8.4984e+02	6.1372e+01	-1.5994e+02
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	-1.2256e+03	8.8806e+01	-8.1208e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-1.0355e+03	-6.2462e+01	6.1124e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-9.7128e+02	6.9241e+01	4.2777e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-1.0455e+03	7.3482e+01	-1.5313e+02
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	-1.3656e+03	-2.6031e+02	-5.1001e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	-1.0310e+03	-2.0548e+02	2.6358e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-1.0100e+03	-1.2059e+02	3.2553e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	-1.3303e+03	-1.1985e+02	4.0818e+01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	-1.3467e+03	3.7097e+02	7.7819e+02
	575	0.0000e+00	0.0000e+00	0.0000e+00	-1.6420e+03	-2.5679e+01	1.3562e+02
	577	0.0000e+00	0.0000e+00	0.0000e+00	-1.0512e+03	-5.0326e+02	-1.6537e+02
	10	0.0000e+00	0.0000e+00	0.0000e+00	-3.2379e+03	-2.9475e+02	4.7722e+02
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	-8.8137e+02	5.7855e+01	4.1898e+02
	573	0.0000e+00	0.0000e+00	0.0000e+00	-1.0514e+03	1.2424e+02	1.2032e+02
	575	0.0000e+00	0.0000e+00	0.0000e+00	-1.3858e+03	-1.7404e+01	1.7937e+02
	576	0.0000e+00	0.0000e+00	0.0000e+00	-1.1497e+03	-6.7150e+01	4.7806e+02
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	-6.7361e+02	-9.9952e+01	2.4377e+02
	571	0.0000e+00	0.0000e+00	0.0000e+00	-7.9731e+02	4.4479e+01	1.0600e+02
	573	0.0000e+00	0.0000e+00	0.0000e+00	-9.5669e+02	3.1507e+01	1.8685e+02



	574	0.0000e+00	0.0000e+00	0.0000e+00	-7.9234e+02	-2.6582e+01	3.2462e+02
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	-5.7664e+02	-1.1582e+02	1.0838e+02
	569	0.0000e+00	0.0000e+00	0.0000e+00	-6.8648e+02	3.0141e+01	4.4068e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	-7.6409e+02	2.5593e+01	1.2213e+02
	572	0.0000e+00	0.0000e+00	0.0000e+00	-6.2923e+02	-5.1089e+01	1.8661e+02
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	-5.4373e+02	-1.0703e+02	-1.5847e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-6.5450e+02	3.8039e+01	-3.1171e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	-6.7466e+02	3.6002e+01	4.6770e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	-5.5831e+02	-8.9162e+01	6.3849e+01
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	-5.6292e+02	-7.8061e+01	-1.3109e+02
	565	0.0000e+00	0.0000e+00	0.0000e+00	-6.8608e+02	3.4700e+01	-1.0711e+02
	567	0.0000e+00	0.0000e+00	0.0000e+00	-6.5467e+02	3.7703e+01	-3.1746e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	-5.4536e+02	-1.1323e+02	-5.5002e+01
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	-6.4094e+02	-3.0825e+01	-2.5598e+02
	563	0.0000e+00	0.0000e+00	0.0000e+00	-7.8854e+02	2.9995e+01	-1.8374e+02
	565	0.0000e+00	0.0000e+00	0.0000e+00	-6.9806e+02	3.1874e+01	-1.0412e+02
	566	0.0000e+00	0.0000e+00	0.0000e+00	-5.8483e+02	-1.1945e+02	-1.7610e+02
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	-8.1304e+02	-3.5971e+01	-3.9801e+02
	561	0.0000e+00	0.0000e+00	0.0000e+00	-9.9704e+02	5.2705e+01	-2.5042e+02
	563	0.0000e+00	0.0000e+00	0.0000e+00	-8.2141e+02	5.9875e+01	-1.6683e+02
	564	0.0000e+00	0.0000e+00	0.0000e+00	-6.8987e+02	-1.0209e+02	-3.1416e+02
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	-1.1825e+03	-9.3470e+01	-5.5904e+02
	559	0.0000e+00	0.0000e+00	0.0000e+00	-1.4463e+03	2.7522e+01	-2.4752e+02
	561	0.0000e+00	0.0000e+00	0.0000e+00	-1.0905e+03	1.5259e+02	-1.8323e+02
	562	0.0000e+00	0.0000e+00	0.0000e+00	-9.0830e+02	6.2906e+01	-4.9420e+02
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.2785e+03	-2.4139e+02	-5.7271e+02
	558	0.0000e+00	0.0000e+00	0.0000e+00	-1.1466e+03	-4.4159e+02	9.1464e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	-1.7005e+03	5.7446e+01	-2.0152e+02
	560	0.0000e+00	0.0000e+00	0.0000e+00	-1.3878e+03	3.8445e+02	-8.6073e+02
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	2.1972e+03	3.8962e+00	1.8990e+02
	557	0.0000e+00	0.0000e+00	0.0000e+00	9.3562e+02	-1.1268e+03	1.7808e+03
	19	0.0000e+00	0.0000e+00	0.0000e+00	6.0660e+03	1.3513e+03	1.2019e+03
	548	0.0000e+00	0.0000e+00	0.0000e+00	2.7848e+02	1.3689e+03	-3.8904e+02
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	7.5281e+02	-3.4816e+02	1.2825e+02
	556	0.0000e+00	0.0000e+00	0.0000e+00	4.7485e+02	-1.7118e+02	5.4914e+02
	557	0.0000e+00	0.0000e+00	0.0000e+00	4.9593e+02	1.5324e+02	7.6787e+02
	547	0.0000e+00	0.0000e+00	0.0000e+00	1.5811e+03	-1.0326e+02	3.4698e+02
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	3.9005e+02	-1.8660e+02	1.4623e+02
	555	0.0000e+00	0.0000e+00	0.0000e+00	2.8210e+02	-1.1733e+02	2.8883e+02
	556	0.0000e+00	0.0000e+00	0.0000e+00	3.6778e+02	3.1868e+00	4.2084e+02
	546	0.0000e+00	0.0000e+00	0.0000e+00	5.9202e+02	-1.8964e+02	2.7824e+02
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	2.5684e+02	-1.5620e+02	7.6636e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	2.2218e+02	-9.4292e+01	1.2881e+02
	555	0.0000e+00	0.0000e+00	0.0000e+00	2.3904e+02	-5.3813e+01	2.1734e+02
	545	0.0000e+00	0.0000e+00	0.0000e+00	3.4517e+02	-1.6726e+02	1.6516e+02
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	2.1857e+02	-1.4611e+02	5.2607e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	2.0164e+02	-8.6162e+01	1.9868e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	2.0713e+02	-7.5873e+01	8.8081e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	2.4253e+02	-1.5105e+02	7.3457e+01
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	2.3969e+02	-1.4862e+02	-7.0685e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	2.0371e+02	-7.3802e+01	-8.2659e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	2.0102e+02	-8.5685e+01	-1.4731e+01
	543	0.0000e+00	0.0000e+00	0.0000e+00	2.1826e+02	-1.4542e+02	-2.7566e+00
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	3.3890e+02	-1.6162e+02	-1.6116e+02
	551	0.0000e+00	0.0000e+00	0.0000e+00	2.3168e+02	-4.9255e+01	-2.1062e+02
	552	0.0000e+00	0.0000e+00	0.0000e+00	2.1751e+02	-9.1275e+01	-1.2305e+02
	542	0.0000e+00	0.0000e+00	0.0000e+00	2.5338e+02	-1.5239e+02	-7.3590e+01
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	5.8313e+02	-1.8052e+02	-2.7170e+02
	550	0.0000e+00	0.0000e+00	0.0000e+00	3.5562e+02	9.5495e+00	-4.1157e+02
	551	0.0000e+00	0.0000e+00	0.0000e+00	2.7339e+02	-1.1176e+02	-2.8132e+02
	541	0.0000e+00	0.0000e+00	0.0000e+00	3.8323e+02	-1.7987e+02	-1.4145e+02
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	1.5591e+03	-9.0139e+01	-3.3562e+02
	549	0.0000e+00	0.0000e+00	0.0000e+00	4.9215e+02	1.6324e+02	-7.5485e+02

	550	0.0000e+00	0.0000e+00	0.0000e+00	4.6185e+02	-1.6534e+02	-5.4056e+02
	540	0.0000e+00	0.0000e+00	0.0000e+00	7.4340e+02	-3.3667e+02	-1.2133e+02
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	3.7794e+02	1.4045e+03	4.1120e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	5.9164e+03	1.3477e+03	-1.1696e+03
	549	0.0000e+00	0.0000e+00	0.0000e+00	9.2426e+02	-1.0978e+03	-1.7457e+03
	539	0.0000e+00	0.0000e+00	0.0000e+00	2.1792e+03	-1.3300e+01	-1.6488e+02
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	5.0977e+02	3.6950e+02	-1.8348e+02
	547	0.0000e+00	0.0000e+00	0.0000e+00	1.2004e+03	4.0218e+02	-2.2112e+02
	548	0.0000e+00	0.0000e+00	0.0000e+00	1.1478e+03	8.4955e+02	-7.7198e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	4.8651e+02	5.9701e+02	-3.9578e+01
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	5.7145e+02	-1.8144e+02	-7.7241e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	6.7382e+02	-1.8916e+02	9.9929e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	9.5454e+02	-2.2310e+02	-9.6224e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	6.4819e+02	1.5792e+02	-2.7338e+02
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	3.8061e+02	-2.1084e+02	-1.3679e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	4.0444e+02	-2.0508e+02	1.3730e+02
	546	0.0000e+00	0.0000e+00	0.0000e+00	6.2436e+02	-2.0177e+02	9.8150e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	4.6500e+02	-1.1841e+02	-5.2763e+01
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	2.5502e+02	-2.0208e+02	1.5928e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	2.7587e+02	-1.8148e+02	7.7674e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	3.6273e+02	-1.7870e+02	8.8188e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	3.2223e+02	-1.7892e+02	1.1680e+01
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	2.0898e+02	-1.8957e+02	-5.4021e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	2.3190e+02	-1.6714e+02	1.8181e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	2.5706e+02	-1.6673e+02	3.9522e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	2.3111e+02	-1.8659e+02	1.5983e+01
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	2.2907e+02	-1.8353e+02	-1.6035e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	2.5448e+02	-1.6388e+02	-3.7565e+01
	543	0.0000e+00	0.0000e+00	0.0000e+00	2.3148e+02	-1.6659e+02	-1.6413e+01
	532	0.0000e+00	0.0000e+00	0.0000e+00	2.0880e+02	-1.8883e+02	5.1225e+00
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	3.1733e+02	-1.7180e+02	-1.0989e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	3.5695e+02	-1.7239e+02	-8.5159e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	2.7240e+02	-1.7746e+02	-7.5334e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	2.5256e+02	-1.9750e+02	-1.3641e+00
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	4.5629e+02	-1.0651e+02	5.5021e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	6.1407e+02	-1.9196e+02	-9.2663e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	3.9745e+02	-1.9729e+02	-1.3331e+02
	530	0.0000e+00	0.0000e+00	0.0000e+00	3.7511e+02	-2.0218e+02	1.4406e+01
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	6.2734e+02	1.7609e+02	2.7839e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	9.4484e+02	-2.0838e+02	1.0567e+02
	540	0.0000e+00	0.0000e+00	0.0000e+00	6.6223e+02	-1.7731e+02	-9.3759e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	5.6145e+02	-1.6654e+02	7.8963e+01
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	4.5910e+02	6.1486e+02	4.4477e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	1.0912e+03	8.7257e+02	1.0371e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	1.1835e+03	4.1241e+02	2.4479e+02
	528	0.0000e+00	0.0000e+00	0.0000e+00	4.8618e+02	3.9054e+02	1.8555e+02
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	1.3904e+02	2.3434e+02	-1.4337e+02
	536	0.0000e+00	0.0000e+00	0.0000e+00	4.7343e+02	2.9206e+02	-1.8014e+02
	537	0.0000e+00	0.0000e+00	0.0000e+00	4.0896e+02	4.6984e+02	-7.0564e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	1.3050e+02	3.1041e+02	-3.3841e+01
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	2.0776e+02	-1.0715e+01	-1.4142e+02
	535	0.0000e+00	0.0000e+00	0.0000e+00	4.3180e+02	-8.7328e+01	-1.6018e+02
	536	0.0000e+00	0.0000e+00	0.0000e+00	4.0583e+02	1.2013e+02	-2.0651e+02
	525	0.0000e+00	0.0000e+00	0.0000e+00	1.9663e+02	1.3536e+02	-1.8774e+02
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	1.8915e+02	-1.3825e+02	-9.3661e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	3.0810e+02	-1.7523e+02	-4.1902e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	3.9904e+02	-1.3657e+02	-1.0799e+02
	524	0.0000e+00	0.0000e+00	0.0000e+00	2.0234e+02	-4.2530e+01	-1.5975e+02
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	1.4157e+02	-1.7247e+02	-4.6254e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	2.2112e+02	-1.9384e+02	-2.8963e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	2.8450e+02	-1.8922e+02	-4.1581e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	1.6505e+02	-1.3343e+02	-8.5165e+01
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	1.1743e+02	-1.7366e+02	-8.1729e+00

	532	0.0000e+00	0.0000e+00	0.0000e+00	1.8723e+02	-1.9240e+02	7.8921e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	2.0909e+02	-1.9349e+02	-1.6095e+01
	522	0.0000e+00	0.0000e+00	0.0000e+00	1.2713e+02	-1.6474e+02	-3.2107e+01
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	1.2628e+02	-1.6158e+02	3.0182e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	2.0731e+02	-1.9008e+02	1.5442e+01
	532	0.0000e+00	0.0000e+00	0.0000e+00	1.8705e+02	-1.9186e+02	-8.4965e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	1.1738e+02	-1.7293e+02	6.2787e+00
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	1.6253e+02	-1.2614e+02	8.2947e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	2.8013e+02	-1.8163e+02	4.1175e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	2.1888e+02	-1.8925e+02	2.4778e+00
	520	0.0000e+00	0.0000e+00	0.0000e+00	1.4047e+02	-1.6774e+02	4.4120e+01
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	1.9662e+02	-3.0647e+01	1.5679e+02
	529	0.0000e+00	0.0000e+00	0.0000e+00	3.9012e+02	-1.2421e+02	1.0818e+02
	530	0.0000e+00	0.0000e+00	0.0000e+00	3.0290e+02	-1.6612e+02	4.2319e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	1.8597e+02	-1.2911e+02	9.0931e+01
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	1.8504e+02	1.5180e+02	1.8244e+02
	528	0.0000e+00	0.0000e+00	0.0000e+00	3.8960e+02	1.3881e+02	2.0647e+02
	529	0.0000e+00	0.0000e+00	0.0000e+00	4.2168e+02	-7.2301e+01	1.6150e+02
	518	0.0000e+00	0.0000e+00	0.0000e+00	2.0039e+02	3.9067e+00	1.3749e+02
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	1.1438e+02	3.3165e+02	2.6755e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	3.7931e+02	4.9253e+02	7.0803e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	4.5409e+02	3.1101e+02	1.8144e+02
	517	0.0000e+00	0.0000e+00	0.0000e+00	1.2663e+02	2.5264e+02	1.3736e+02
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.2646e+02	1.2760e+02	-1.0918e+02
	525	0.0000e+00	0.0000e+00	0.0000e+00	1.1331e+02	1.7569e+02	-1.2641e+02
	526	0.0000e+00	0.0000e+00	0.0000e+00	9.0019e+01	2.4422e+02	-5.8502e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.3312e+02	1.5781e+02	-4.1321e+01
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	-9.1553e+01	1.8925e+01	-1.3698e+02
	524	0.0000e+00	0.0000e+00	0.0000e+00	1.3546e+02	-5.7072e+00	-1.6735e+02
	525	0.0000e+00	0.0000e+00	0.0000e+00	9.3430e+01	1.0919e+02	-1.6756e+02
	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.0315e+02	8.5125e+01	-1.3718e+02
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	7.4329e+01	-7.0625e+01	-1.1052e+02
	523	0.0000e+00	0.0000e+00	0.0000e+00	1.1796e+02	-1.1358e+02	-1.1367e+02
	524	0.0000e+00	0.0000e+00	0.0000e+00	1.1945e+02	-5.4771e+01	-1.5617e+02
	513	0.0000e+00	0.0000e+00	0.0000e+00	8.0421e+01	-1.3495e+01	-1.5300e+02
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	7.3023e+01	-1.1343e+02	-6.1436e+01
	522	0.0000e+00	0.0000e+00	0.0000e+00	8.9915e+01	-1.5597e+02	-5.1622e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	1.0728e+02	-1.3732e+02	-1.0110e+02
	512	0.0000e+00	0.0000e+00	0.0000e+00	7.3846e+01	-8.1833e+01	-1.1090e+02
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	7.5432e+01	-1.2327e+02	-6.5627e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	7.7023e+01	-1.6600e+02	-1.4515e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	8.4747e+01	-1.6336e+02	-4.7596e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	7.4946e+01	-1.1453e+02	-5.2772e+01
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	7.5005e+01	-1.1183e+02	5.0453e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	8.4351e+01	-1.5987e+02	4.5434e+01
	521	0.0000e+00	0.0000e+00	0.0000e+00	7.7141e+01	-1.6561e+02	7.9690e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	7.5419e+01	-1.2266e+02	4.6337e+00
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	7.4281e+01	-7.5780e+01	1.0729e+02
	519	0.0000e+00	0.0000e+00	0.0000e+00	1.0586e+02	-1.2972e+02	9.8116e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	8.9664e+01	-1.5164e+02	4.9594e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	7.3159e+01	-1.0942e+02	5.8794e+01
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	8.1659e+01	-4.0418e+00	1.4676e+02
	518	0.0000e+00	0.0000e+00	0.0000e+00	1.1558e+02	-4.2587e+01	1.5155e+02
	519	0.0000e+00	0.0000e+00	0.0000e+00	1.1640e+02	-1.0498e+02	1.1094e+02
	508	0.0000e+00	0.0000e+00	0.0000e+00	7.5001e+01	-6.3009e+01	1.0618e+02
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	-1.0658e+02	9.7704e+01	1.2660e+02
	517	0.0000e+00	0.0000e+00	0.0000e+00	8.6588e+01	1.2584e+02	1.5994e+02
	518	0.0000e+00	0.0000e+00	0.0000e+00	1.3094e+02	7.7666e+00	1.6282e+02
	507	0.0000e+00	0.0000e+00	0.0000e+00	-9.3333e+01	3.0272e+01	1.2950e+02
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	-1.3871e+02	1.7285e+02	2.4306e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	7.4950e+01	2.6506e+02	4.6865e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	1.0442e+02	1.9397e+02	1.1966e+02
	506	0.0000e+00	0.0000e+00	0.0000e+00	-1.3127e+02	1.4200e+02	9.7006e+01

2062	503	0.0000e+00	0.0000e+00	0.0000e+00	-3.1925e+02	5.4996e+01	-8.5667e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.6196e+02	8.8755e+01	-9.6262e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-1.7555e+02	1.1529e+02	-5.4202e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-3.2682e+02	6.6093e+01	-4.3653e+01
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	-2.9302e+02	1.4385e+01	-1.1580e+02
	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.3683e+02	5.8108e+00	-1.3822e+02
	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.6903e+02	6.2212e+01	-1.3043e+02
	503	0.0000e+00	0.0000e+00	0.0000e+00	-3.0365e+02	3.8242e+01	-1.0798e+02
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	-2.6623e+02	-2.8473e+01	-1.0110e+02
	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.2419e+02	-6.4018e+01	-1.1667e+02
	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.4329e+02	-2.1955e+01	-1.4389e+02
	502	0.0000e+00	0.0000e+00	0.0000e+00	-2.7718e+02	-4.0467e+00	-1.2828e+02
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	-2.4987e+02	-5.5629e+01	-5.8121e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	-1.2275e+02	-1.0135e+02	-6.4439e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.2814e+02	-8.1994e+01	-1.0951e+02
	501	0.0000e+00	0.0000e+00	0.0000e+00	-2.5742e+02	-3.8947e+01	-1.0316e+02
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	-2.4352e+02	-6.4582e+01	-3.4286e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.2390e+02	-1.1340e+02	-5.1262e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	-1.2442e+02	-1.0932e+02	-5.5335e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-2.4666e+02	-5.9331e+01	-5.3560e+01
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	-2.4454e+02	-5.7464e+01	5.2920e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	-1.2391e+02	-1.0631e+02	5.3355e+01
	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.2358e+02	-1.1327e+02	3.7207e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	-2.4323e+02	-6.4206e+01	3.6393e+00
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	-2.5302e+02	-3.5000e+01	1.0065e+02
	508	0.0000e+00	0.0000e+00	0.0000e+00	-1.2716e+02	-7.5768e+01	1.0589e+02
	509	0.0000e+00	0.0000e+00	0.0000e+00	-1.2167e+02	-9.8070e+01	6.2361e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	-2.4722e+02	-5.2977e+01	5.7179e+01
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	-2.7077e+02	1.9924e+00	1.2218e+02
	507	0.0000e+00	0.0000e+00	0.0000e+00	-1.4244e+02	-1.2483e+01	1.3714e+02
	508	0.0000e+00	0.0000e+00	0.0000e+00	-1.2277e+02	-5.7538e+01	1.1278e+02
	497	0.0000e+00	0.0000e+00	0.0000e+00	-2.6147e+02	-2.3650e+01	9.7881e+01
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	-2.9588e+02	4.4787e+01	9.6099e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	-1.6916e+02	7.4654e+01	1.1857e+02
	507	0.0000e+00	0.0000e+00	0.0000e+00	-1.3573e+02	1.5245e+01	1.3092e+02
	496	0.0000e+00	0.0000e+00	0.0000e+00	-2.8651e+02	2.0921e+01	1.0848e+02
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	-3.1678e+02	7.2293e+01	2.3548e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	-1.8015e+02	1.2987e+02	3.5013e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	-1.6223e+02	1.0114e+02	8.3845e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	-3.1166e+02	6.2385e+01	7.2192e+01
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	-5.1207e+02	-5.9690e+00	-6.7924e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-3.6042e+02	2.6290e+01	-7.7471e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-3.7218e+02	3.3874e+01	-4.6881e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-5.2076e+02	-8.8430e+00	-3.7406e+01
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	-4.9185e+02	5.3765e+00	-9.5781e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-3.3975e+02	1.4616e+00	-1.1055e+02
	503	0.0000e+00	0.0000e+00	0.0000e+00	-3.6403e+02	1.7892e+01	-1.0445e+02
	492	0.0000e+00	0.0000e+00	0.0000e+00	-4.9876e+02	-3.8589e+00	-8.9635e+01
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	-4.6418e+02	7.4227e+00	-8.2881e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-3.2130e+02	-2.9036e+01	-9.9228e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-3.4322e+02	-1.2169e+01	-1.2136e+02
	491	0.0000e+00	0.0000e+00	0.0000e+00	-4.7644e+02	3.7585e+00	-1.0494e+02
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	-4.3978e+02	1.3627e+01	-4.5421e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-3.0850e+02	-4.8591e+01	-5.8105e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-3.2203e+02	-3.9186e+01	-9.7151e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-4.5257e+02	9.4111e+00	-8.4384e+01
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	-4.2737e+02	1.7548e+01	1.4471e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	-3.0280e+02	-5.6696e+01	-4.5555e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	-3.0773e+02	-5.4587e+01	-4.9688e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-4.3372e+02	1.5685e+01	-4.4082e+01
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	-4.2964e+02	1.4676e+01	4.7496e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	-3.0519e+02	-5.2437e+01	5.0103e+01
	499	0.0000e+00	0.0000e+00	0.0000e+00	-3.0212e+02	-5.6840e+01	5.6076e+00

	488	0.0000e+00	0.0000e+00	0.0000e+00	-4.2680e+02	1.7403e+01	3.8017e+00
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	-4.4365e+02	7.8123e+00	8.5878e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	-3.1634e+02	-3.5161e+01	9.5590e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	-3.0458e+02	-4.6790e+01	5.8249e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	-4.3455e+02	1.2371e+01	4.8676e+01
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	-4.6233e+02	3.5781e+00	1.0277e+02
	496	0.0000e+00	0.0000e+00	0.0000e+00	-3.3450e+02	-6.6468e+00	1.1605e+02
	497	0.0000e+00	0.0000e+00	0.0000e+00	-3.1421e+02	-2.5553e+01	9.7041e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	-4.5414e+02	6.3309e+00	8.3864e+01
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	-4.7901e+02	-5.7369e+00	8.1642e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	-3.5231e+02	2.4082e+01	9.3139e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	-3.2962e+02	3.5695e+00	1.0415e+02
	485	0.0000e+00	0.0000e+00	0.0000e+00	-4.7663e+02	6.4956e+00	9.2692e+01
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	-4.9353e+02	-1.0645e+01	2.1547e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	-3.5870e+02	3.9402e+01	2.7173e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	-3.4737e+02	3.1048e+01	6.4744e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	-4.9112e+02	-7.6959e+00	5.8745e+01
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	-7.2057e+02	-4.9333e+01	-5.3619e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-5.5547e+02	-2.6382e+01	-6.2850e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-5.6873e+02	-3.3026e+01	-3.2851e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-7.2852e+02	-6.9422e+01	-2.4104e+01
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	-6.9589e+02	3.9255e+00	-7.5474e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-5.4054e+02	-7.3957e+00	-8.6851e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-5.6007e+02	-2.0077e+01	-8.6831e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-7.0268e+02	-3.1122e+01	-7.5325e+01
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	-6.5302e+02	2.9936e+01	-5.4090e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-5.1881e+02	8.9872e+00	-7.5464e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-5.4068e+02	-8.3196e+00	-9.9334e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-6.7754e+02	1.5302e+01	-7.7641e+01
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	-6.1275e+02	3.4600e+01	-2.2645e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-4.9571e+02	1.4243e+01	-4.3024e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-5.1362e+02	1.2146e+01	-7.5492e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-6.3858e+02	3.2782e+01	-5.4619e+01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	-5.9284e+02	3.3855e+01	7.9038e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	-4.8292e+02	1.7161e+01	-2.0760e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	-4.9079e+02	1.6753e+01	-3.5655e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-6.0459e+02	3.4191e+01	-2.6068e+01
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	-5.9901e+02	3.3781e+01	3.5738e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	-4.8637e+02	1.5767e+01	4.0862e+01
	488	0.0000e+00	0.0000e+00	0.0000e+00	-4.8197e+02	1.7111e+01	7.6459e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	-5.9200e+02	3.3481e+01	3.9870e+00
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	-6.2613e+02	3.1403e+01	6.2812e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	-5.0360e+02	1.0366e+01	7.8897e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	-4.8934e+02	1.3187e+01	4.7863e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	-6.0547e+02	3.3415e+01	3.2250e+01
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	-6.5720e+02	1.2121e+01	8.2988e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	-5.2451e+02	-6.6079e+00	9.9263e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	-5.0666e+02	7.2284e+00	7.8052e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	-6.3874e+02	2.7624e+01	6.2100e+01
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	-6.7306e+02	-3.7550e+01	7.6036e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	-5.3679e+02	-2.1160e+01	8.1206e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	-5.2200e+02	-8.4336e+00	8.5429e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	-6.7348e+02	-1.6446e+00	8.0364e+01
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	-6.8638e+02	-8.0615e+01	1.8871e+01
	483	0.0000e+00	0.0000e+00	0.0000e+00	-5.3801e+02	-3.7016e+01	1.9736e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	-5.2951e+02	-3.0099e+01	5.5493e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	-6.8842e+02	-5.7738e+01	5.3780e+01
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	-9.7059e+02	-9.8041e+01	-4.1914e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-7.6340e+02	-7.7684e+01	-4.8862e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-7.7995e+02	-1.0463e+02	-1.4587e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-9.7391e+02	-1.5509e+02	-1.3717e+01
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	-9.0616e+02	2.8343e+01	-3.7496e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-7.5223e+02	1.6205e+00	-5.6431e+01

	481	0.0000e+00	0.0000e+00	0.0000e+00	-7.7493e+02	-5.1321e+01	-7.5323e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-9.3449e+02	-3.9950e+01	-5.3899e+01
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	-8.0892e+02	5.3138e+01	-2.3299e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-7.0799e+02	3.7677e+01	-4.0132e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-7.4037e+02	6.4994e+00	-6.8460e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-8.7891e+02	4.5122e+01	-2.7386e+01
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	-7.3600e+02	5.1030e+01	2.5521e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-6.5962e+02	4.0750e+01	-1.8961e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-6.8924e+02	2.8240e+01	-3.7524e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-7.8797e+02	5.4420e+01	-1.7241e+01
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	-7.0453e+02	4.7254e+01	1.7655e+01
	477	0.0000e+00	0.0000e+00	0.0000e+00	-6.3501e+02	3.6860e+01	1.8162e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	-6.4775e+02	3.3964e+01	-1.1243e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-7.2435e+02	4.8737e+01	9.7414e+00
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	-7.1821e+02	4.7916e+01	1.4562e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	-6.4201e+02	3.3513e+01	2.2860e+01
	477	0.0000e+00	0.0000e+00	0.0000e+00	-6.3393e+02	3.6273e+01	1.0663e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-7.0355e+02	4.6672e+01	4.2570e+00
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	-7.7410e+02	5.1928e+01	2.2676e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	-6.7615e+02	2.6525e+01	4.8262e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	-6.5162e+02	3.9076e+01	3.0391e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-7.2782e+02	4.8931e+01	1.5994e+01
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	-8.5583e+02	4.0071e+01	3.9859e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	-7.1880e+02	3.5700e+00	7.6989e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	-6.9239e+02	3.4486e+01	5.0024e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-7.9275e+02	4.9003e+01	2.3131e+01
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	-8.9952e+02	-5.0576e+01	6.6428e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	-7.4300e+02	-5.8121e+01	7.9733e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	-7.2757e+02	-4.8282e+00	6.3513e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-8.8038e+02	2.1053e+01	5.1703e+01
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	-9.2389e+02	-1.7216e+02	1.7743e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	-7.3580e+02	-1.1670e+02	1.3767e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	-7.2803e+02	-8.7947e+01	5.1540e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	-9.3203e+02	-1.1102e+02	5.4033e+01
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	-1.3361e+03	-1.2455e+02	-2.9663e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-1.0174e+03	-1.2450e+02	-2.9120e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-1.0368e+03	-2.0879e+02	-1.5692e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	-1.3705e+03	-2.6464e+02	3.9676e+01
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	-1.0537e+03	6.7491e+01	1.4067e+02
	469	0.0000e+00	0.0000e+00	0.0000e+00	-9.8085e+02	6.4532e+01	-3.0603e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-1.0433e+03	-6.6185e+01	-6.4328e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	-1.2324e+03	8.3326e+01	6.8871e+01
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	-8.6061e+02	5.7528e+01	1.4588e+02
	468	0.0000e+00	0.0000e+00	0.0000e+00	-8.5271e+02	6.9138e+01	3.9935e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-9.2172e+02	2.8282e+01	-3.4900e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	-1.0113e+03	6.5345e+01	1.3592e+02
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	-7.5170e+02	4.0736e+01	9.2149e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-7.5791e+02	5.3842e+01	2.8294e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-8.1065e+02	4.4017e+01	5.0098e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	-8.2937e+02	4.1716e+01	1.1326e+02
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	-7.1030e+02	4.2595e+01	2.8398e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-7.1803e+02	4.5103e+01	6.0837e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	-7.3779e+02	4.3395e+01	3.6322e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-7.3577e+02	4.2080e+01	5.8549e+01
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	-7.3046e+02	4.1404e+01	-3.6979e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-7.3176e+02	4.2331e+01	-2.0917e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-7.1699e+02	4.4610e+01	1.3403e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-7.0937e+02	4.2077e+01	-6.3819e+00
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	-8.1724e+02	3.9314e+01	-9.1054e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-7.9692e+02	4.1085e+01	-3.6003e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-7.4970e+02	5.1670e+01	1.6250e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-7.4445e+02	3.8248e+01	-6.9635e+01
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	-9.9093e+02	6.0648e+01	-1.1322e+02

	463	0.0000e+00	0.0000e+00	0.0000e+00	-8.9896e+02	2.2551e+01	2.9994e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-8.3653e+02	6.4879e+01	2.8792e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-8.4628e+02	5.2564e+01	-1.2285e+02
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	-1.2034e+03	7.5696e+01	4.9864e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	-1.0074e+03	-7.7200e+01	8.2434e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-9.5518e+02	5.6922e+01	2.8379e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-1.0306e+03	6.0141e+01	-1.1738e+02
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	-1.3153e+03	-2.8444e+02	1.9653e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-9.8503e+02	-2.2499e+02	1.4334e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	-9.7679e+02	-1.4008e+02	4.1818e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	-1.3025e+03	-1.3831e+02	3.9408e+01
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	-1.3908e+03	3.7658e+02	8.4946e+02
	458	0.0000e+00	0.0000e+00	0.0000e+00	-1.7047e+03	5.2934e+01	1.9054e+02
	460	0.0000e+00	0.0000e+00	0.0000e+00	-1.1515e+03	-4.4616e+02	-9.7969e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.2794e+03	-2.4987e+02	5.6265e+02
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	-9.1286e+02	7.5592e+01	4.8088e+02
	456	0.0000e+00	0.0000e+00	0.0000e+00	-1.0972e+03	1.4640e+02	1.7034e+02
	458	0.0000e+00	0.0000e+00	0.0000e+00	-1.4520e+03	2.1537e+01	2.3624e+02
	459	0.0000e+00	0.0000e+00	0.0000e+00	-1.1858e+03	-9.4800e+01	5.4701e+02
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	-6.9573e+02	-1.1674e+02	2.9896e+02
	454	0.0000e+00	0.0000e+00	0.0000e+00	-8.3055e+02	5.6492e+01	1.5229e+02
	456	0.0000e+00	0.0000e+00	0.0000e+00	-1.0048e+03	4.8003e+01	2.3748e+02
	457	0.0000e+00	0.0000e+00	0.0000e+00	-8.1795e+02	-3.1618e+01	3.8420e+02
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	-5.9180e+02	-1.3155e+02	1.5886e+02
	452	0.0000e+00	0.0000e+00	0.0000e+00	-7.0986e+02	3.9099e+01	8.7613e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	-7.9837e+02	3.4362e+01	1.6901e+02
	455	0.0000e+00	0.0000e+00	0.0000e+00	-6.4724e+02	-4.0438e+01	2.4023e+02
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	-5.5349e+02	-1.2091e+02	3.5375e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-6.6952e+02	4.7532e+01	1.2918e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-6.9805e+02	4.4652e+01	9.0529e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	-5.7055e+02	-9.0776e+01	1.1311e+02
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	-5.6793e+02	-8.9723e+01	-8.5335e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-6.9323e+02	4.3956e+01	-6.5977e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-6.6886e+02	4.7374e+01	1.2863e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	-5.5289e+02	-1.2196e+02	-8.1765e+00
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	-6.4106e+02	-4.1300e+01	-2.1130e+02
	446	0.0000e+00	0.0000e+00	0.0000e+00	-7.8740e+02	3.1578e+01	-1.4380e+02
	448	0.0000e+00	0.0000e+00	0.0000e+00	-7.0375e+02	3.7455e+01	-6.3365e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-5.8785e+02	-1.3198e+02	-1.3068e+02
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	-8.0737e+02	-3.6204e+01	-3.5310e+02
	444	0.0000e+00	0.0000e+00	0.0000e+00	-9.8636e+02	4.2298e+01	-2.1103e+02
	446	0.0000e+00	0.0000e+00	0.0000e+00	-8.1843e+02	5.2194e+01	-1.2753e+02
	447	0.0000e+00	0.0000e+00	0.0000e+00	-6.8781e+02	-1.1646e+02	-2.6939e+02
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	-1.1693e+03	-9.9176e+01	-5.1243e+02
	442	0.0000e+00	0.0000e+00	0.0000e+00	-1.4237e+03	-1.9630e+01	-2.0801e+02
	444	0.0000e+00	0.0000e+00	0.0000e+00	-1.0777e+03	1.3962e+02	-1.4475e+02
	445	0.0000e+00	0.0000e+00	0.0000e+00	-8.9989e+02	7.4650e+01	-4.4866e+02
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.2268e+03	-2.7130e+02	-5.2130e+02
	441	0.0000e+00	0.0000e+00	0.0000e+00	-1.1444e+03	-4.7300e+02	1.3319e+02
	442	0.0000e+00	0.0000e+00	0.0000e+00	-1.6780e+03	5.5006e+01	-1.5855e+02
	443	0.0000e+00	0.0000e+00	0.0000e+00	-1.3700e+03	3.7084e+02	-8.1078e+02
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	2.1792e+03	-1.2968e+01	1.6491e+02
	440	0.0000e+00	0.0000e+00	0.0000e+00	9.2446e+02	-1.0977e+03	1.7456e+03
	16	0.0000e+00	0.0000e+00	0.0000e+00	5.9166e+03	1.3486e+03	1.1698e+03
	431	0.0000e+00	0.0000e+00	0.0000e+00	3.7776e+02	1.4046e+03	-4.1094e+02
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	7.4345e+02	-3.3659e+02	1.2130e+02
	439	0.0000e+00	0.0000e+00	0.0000e+00	4.6194e+02	-1.6526e+02	5.4055e+02
	440	0.0000e+00	0.0000e+00	0.0000e+00	4.9227e+02	1.6340e+02	7.5483e+02
	430	0.0000e+00	0.0000e+00	0.0000e+00	1.5592e+03	-8.9966e+01	3.3558e+02
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	3.8325e+02	-1.7983e+02	1.4143e+02
	438	0.0000e+00	0.0000e+00	0.0000e+00	2.7343e+02	-1.1172e+02	2.8131e+02
	439	0.0000e+00	0.0000e+00	0.0000e+00	3.5568e+02	9.6174e+00	4.1156e+02
	429	0.0000e+00	0.0000e+00	0.0000e+00	5.8316e+02	-1.8044e+02	2.7167e+02

2125	427	0.0000e+00	0.0000e+00	0.0000e+00	2.5337e+02	-1.5238e+02	7.3572e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	2.1752e+02	-9.1256e+01	1.2305e+02
	438	0.0000e+00	0.0000e+00	0.0000e+00	2.3171e+02	-4.9221e+01	2.1062e+02
	428	0.0000e+00	0.0000e+00	0.0000e+00	3.3892e+02	-1.6158e+02	1.6114e+02
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	2.1824e+02	-1.4541e+02	2.7401e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	2.0101e+02	-8.5679e+01	1.4725e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	2.0372e+02	-7.3785e+01	8.2653e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	2.3968e+02	-1.4860e+02	7.0668e+01
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	2.4249e+02	-1.5106e+02	-7.3474e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	2.0710e+02	-7.5881e+01	-8.8088e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	2.0162e+02	-8.6159e+01	-1.9874e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	2.1854e+02	-1.4611e+02	-5.2758e+00
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	3.4511e+02	-1.6729e+02	-1.6518e+02
	434	0.0000e+00	0.0000e+00	0.0000e+00	2.3898e+02	-5.3842e+01	-2.1734e+02
	435	0.0000e+00	0.0000e+00	0.0000e+00	2.2214e+02	-9.4303e+01	-1.2882e+02
	425	0.0000e+00	0.0000e+00	0.0000e+00	2.5680e+02	-1.5621e+02	-7.6655e+01
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	5.9195e+02	-1.8972e+02	-2.7827e+02
	433	0.0000e+00	0.0000e+00	0.0000e+00	3.6769e+02	3.1482e+00	-4.2085e+02
	434	0.0000e+00	0.0000e+00	0.0000e+00	2.8203e+02	-1.1736e+02	-2.8883e+02
	424	0.0000e+00	0.0000e+00	0.0000e+00	3.8999e+02	-1.8663e+02	-1.4625e+02
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	1.5810e+03	-1.0344e+02	-3.4702e+02
	432	0.0000e+00	0.0000e+00	0.0000e+00	4.9578e+02	1.5307e+02	-7.6788e+02
	433	0.0000e+00	0.0000e+00	0.0000e+00	4.7474e+02	-1.7126e+02	-5.4914e+02
	423	0.0000e+00	0.0000e+00	0.0000e+00	7.5273e+02	-3.4824e+02	-1.2828e+02
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	2.7860e+02	1.3688e+03	3.8932e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	6.0658e+03	1.3504e+03	-1.2017e+03
	432	0.0000e+00	0.0000e+00	0.0000e+00	9.3539e+02	-1.1269e+03	-1.7809e+03
	422	0.0000e+00	0.0000e+00	0.0000e+00	2.1972e+03	3.5693e+00	-1.8987e+02
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	4.8611e+02	3.9064e+02	-1.8553e+02
	430	0.0000e+00	0.0000e+00	0.0000e+00	1.1835e+03	4.1264e+02	-2.4474e+02
	431	0.0000e+00	0.0000e+00	0.0000e+00	1.0912e+03	8.7261e+02	-1.0360e+02
	420	0.0000e+00	0.0000e+00	0.0000e+00	4.5906e+02	6.1491e+02	-4.4393e+01
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	5.6140e+02	-1.6645e+02	-7.8975e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	6.6224e+02	-1.7721e+02	9.3717e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	9.4480e+02	-2.0824e+02	-1.0569e+02
	419	0.0000e+00	0.0000e+00	0.0000e+00	6.2729e+02	1.7619e+02	-2.7837e+02
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	3.7508e+02	-2.0213e+02	-1.4431e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	3.9746e+02	-1.9725e+02	1.3328e+02
	429	0.0000e+00	0.0000e+00	0.0000e+00	6.1408e+02	-1.9189e+02	9.2632e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	4.5625e+02	-1.0644e+02	-5.5046e+01
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	2.5251e+02	-1.9748e+02	1.3695e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	2.7238e+02	-1.7743e+02	7.5311e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	3.5695e+02	-1.7235e+02	8.5134e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	3.1729e+02	-1.7176e+02	1.0962e+01
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	2.0873e+02	-1.8883e+02	-5.1514e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	2.3145e+02	-1.6659e+02	1.6392e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	2.5447e+02	-1.6386e+02	3.7543e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	2.2901e+02	-1.8351e+02	1.6009e+01
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	2.3103e+02	-1.8661e+02	-1.6009e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	2.5702e+02	-1.6674e+02	-3.9545e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	2.3186e+02	-1.6714e+02	-1.8202e+01
	415	0.0000e+00	0.0000e+00	0.0000e+00	2.0890e+02	-1.8957e+02	5.3675e+00
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	3.2216e+02	-1.7896e+02	-1.1706e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	3.6268e+02	-1.7873e+02	-8.8216e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	2.7583e+02	-1.8149e+02	-7.7698e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	2.5495e+02	-2.0209e+02	-1.5431e+00
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	4.6495e+02	-1.1849e+02	5.2732e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	6.2432e+02	-2.0184e+02	-9.8185e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	4.0439e+02	-2.0513e+02	-1.3733e+02
	413	0.0000e+00	0.0000e+00	0.0000e+00	3.8055e+02	-2.1089e+02	1.3642e+01
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	6.4817e+02	1.5782e+02	2.7339e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	9.5455e+02	-2.2324e+02	9.6204e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	6.7377e+02	-1.8927e+02	-9.9976e+01



	412	0.0000e+00	0.0000e+00	0.0000e+00	5.7143e+02	-1.8153e+02	7.7222e+01
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	4.8646e+02	5.9695e+02	3.9659e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	1.1478e+03	8.4949e+02	7.7315e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	1.2004e+03	4.0193e+02	2.2117e+02
	411	0.0000e+00	0.0000e+00	0.0000e+00	5.0976e+02	3.6939e+02	1.8350e+02
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	1.2640e+02	2.5269e+02	-1.3734e+02
	419	0.0000e+00	0.0000e+00	0.0000e+00	4.5403e+02	3.1109e+02	-1.8140e+02
	420	0.0000e+00	0.0000e+00	0.0000e+00	3.7928e+02	4.9256e+02	-7.0738e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	1.1414e+02	3.3167e+02	-2.6713e+01
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	2.0023e+02	3.9668e+00	-1.3749e+02
	418	0.0000e+00	0.0000e+00	0.0000e+00	4.2163e+02	-7.2228e+01	-1.6151e+02
	419	0.0000e+00	0.0000e+00	0.0000e+00	3.8953e+02	1.3889e+02	-2.0645e+02
	408	0.0000e+00	0.0000e+00	0.0000e+00	1.8487e+02	1.5186e+02	-1.8242e+02
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	1.8580e+02	-1.2906e+02	-9.0950e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	3.0285e+02	-1.6607e+02	-4.2347e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	3.9006e+02	-1.2414e+02	-1.0820e+02
	407	0.0000e+00	0.0000e+00	0.0000e+00	1.9646e+02	-3.0595e+01	-1.5680e+02
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	1.4024e+02	-1.6771e+02	-4.4147e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	2.1880e+02	-1.8922e+02	-2.5289e+00
	417	0.0000e+00	0.0000e+00	0.0000e+00	2.8007e+02	-1.8159e+02	-4.1202e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	1.6233e+02	-1.2610e+02	-8.2970e+01
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	1.1707e+02	-1.7292e+02	-6.3219e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	1.8695e+02	-1.9185e+02	8.4728e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	2.0723e+02	-1.9006e+02	-1.5470e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	1.2602e+02	-1.6156e+02	-3.0208e+01
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	1.2681e+02	-1.6476e+02	3.2079e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	2.0898e+02	-1.9350e+02	1.6065e+01
	415	0.0000e+00	0.0000e+00	0.0000e+00	1.8712e+02	-1.9240e+02	-7.9122e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	1.1712e+02	-1.7366e+02	8.1332e+00
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	1.6477e+02	-1.3346e+02	8.5138e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	2.8441e+02	-1.8925e+02	4.1550e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	2.2101e+02	-1.9386e+02	2.8172e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.4127e+02	-1.7249e+02	4.6221e+01
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	2.0208e+02	-4.2585e+01	1.5973e+02
	412	0.0000e+00	0.0000e+00	0.0000e+00	3.9898e+02	-1.3664e+02	1.0796e+02
	413	0.0000e+00	0.0000e+00	0.0000e+00	3.0801e+02	-1.7528e+02	4.1867e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	1.8890e+02	-1.3830e+02	9.3634e+01
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	1.9632e+02	1.3530e+02	1.8775e+02
	411	0.0000e+00	0.0000e+00	0.0000e+00	4.0577e+02	1.2004e+02	2.0652e+02
	412	0.0000e+00	0.0000e+00	0.0000e+00	4.3174e+02	-8.7405e+01	1.6017e+02
	401	0.0000e+00	0.0000e+00	0.0000e+00	2.0750e+02	-1.0779e+01	1.4141e+02
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	1.2994e+02	3.1038e+02	3.3871e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	4.0885e+02	4.6979e+02	7.0626e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	4.7337e+02	2.9197e+02	1.8018e+02
	400	0.0000e+00	0.0000e+00	0.0000e+00	1.3857e+02	2.3428e+02	1.4339e+02
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.3087e+02	1.4202e+02	-9.6997e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	1.0409e+02	1.9401e+02	-1.1964e+02
	409	0.0000e+00	0.0000e+00	0.0000e+00	7.4537e+01	2.6507e+02	-4.6832e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.3836e+02	1.7286e+02	-2.4299e+01
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	-9.2735e+01	3.0311e+01	-1.2951e+02
	407	0.0000e+00	0.0000e+00	0.0000e+00	1.3066e+02	7.8167e+00	-1.6282e+02
	408	0.0000e+00	0.0000e+00	0.0000e+00	8.6187e+01	1.2589e+02	-1.5992e+02
	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.0608e+02	9.7737e+01	-1.2659e+02
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	7.4197e+01	-6.2974e+01	-1.0620e+02
	406	0.0000e+00	0.0000e+00	0.0000e+00	1.1608e+02	-1.0494e+02	-1.1096e+02
	407	0.0000e+00	0.0000e+00	0.0000e+00	1.1525e+02	-4.2539e+01	-1.5156e+02
	396	0.0000e+00	0.0000e+00	0.0000e+00	8.0950e+01	-4.0039e+00	-1.4676e+02
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	7.2262e+01	-1.0940e+02	-5.8823e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	8.9218e+01	-1.5161e+02	-4.9622e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	1.0550e+02	-1.2969e+02	-9.8137e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	7.3444e+01	-7.5749e+01	-1.0731e+02
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	7.4444e+01	-1.2265e+02	-4.7358e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	7.6570e+01	-1.6560e+02	-9.3827e-01

	405	0.0000e+00	0.0000e+00	0.0000e+00	8.3864e+01	-1.5986e+02	-4.5461e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	7.4100e+01	-1.1181e+02	-5.0478e+01
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	7.3814e+01	-1.1454e+02	5.2748e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	8.4156e+01	-1.6337e+02	4.7568e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	7.6428e+01	-1.6600e+02	1.3599e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	7.4422e+01	-1.2327e+02	6.5121e+00
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	7.2496e+01	-8.1861e+01	1.1088e+02
	402	0.0000e+00	0.0000e+00	0.0000e+00	1.0674e+02	-1.3735e+02	1.0108e+02
	403	0.0000e+00	0.0000e+00	0.0000e+00	8.9330e+01	-1.5599e+02	5.1589e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	7.1817e+01	-1.1345e+02	6.1400e+01
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	7.8960e+01	-1.3542e+01	1.5298e+02
	401	0.0000e+00	0.0000e+00	0.0000e+00	1.1889e+02	-5.4822e+01	1.5616e+02
	402	0.0000e+00	0.0000e+00	0.0000e+00	1.1744e+02	-1.1362e+02	1.1365e+02
	391	0.0000e+00	0.0000e+00	0.0000e+00	7.2936e+01	-7.0660e+01	1.1049e+02
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.0183e+02	8.5085e+01	1.3718e+02
	400	0.0000e+00	0.0000e+00	0.0000e+00	9.2573e+01	1.0914e+02	1.6757e+02
	401	0.0000e+00	0.0000e+00	0.0000e+00	1.3494e+02	-5.7771e+00	1.6734e+02
	390	0.0000e+00	0.0000e+00	0.0000e+00	-9.0221e+01	1.8886e+01	1.3696e+02
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.3199e+02	1.5779e+02	4.1314e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	8.8987e+01	2.4419e+02	5.8527e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	1.1257e+02	1.7565e+02	1.2642e+02
	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.2535e+02	1.2756e+02	1.0917e+02
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	-3.1137e+02	6.2405e+01	-7.2206e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.6185e+02	1.0116e+02	-8.3839e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.7982e+02	1.2988e+02	-3.5008e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-3.1649e+02	7.2300e+01	-2.3584e+01
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	-2.8617e+02	2.0953e+01	-1.0849e+02
	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.3524e+02	1.5279e+01	-1.3092e+02
	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.6879e+02	7.4683e+01	-1.1857e+02
	386	0.0000e+00	0.0000e+00	0.0000e+00	-2.9556e+02	4.4812e+01	-9.6109e+01
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	-2.6107e+02	-2.3605e+01	-9.7909e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-1.2220e+02	-5.7502e+01	-1.1280e+02
	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.4197e+02	-1.2441e+01	-1.3715e+02
	385	0.0000e+00	0.0000e+00	0.0000e+00	-2.7040e+02	1.9983e+00	-1.2220e+02
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	-2.4676e+02	-5.2938e+01	-5.7224e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.2104e+02	-9.8043e+01	-6.2391e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-1.2659e+02	-7.5736e+01	-1.0591e+02
	384	0.0000e+00	0.0000e+00	0.0000e+00	-2.5260e+02	-3.4959e+01	-1.0068e+02
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	-2.4270e+02	-6.4179e+01	-3.9156e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	-1.2289e+02	-1.1325e+02	-3.8452e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.2327e+02	-1.0629e+02	-5.3384e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-2.4406e+02	-5.7430e+01	-5.2955e+01
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	-2.4606e+02	-5.9324e+01	5.3533e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	-1.2361e+02	-1.0933e+02	5.5308e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	-1.2317e+02	-1.1339e+02	5.0923e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-2.4297e+02	-6.4563e+01	3.3386e+00
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	-2.5674e+02	-3.8965e+01	1.0312e+02
	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.2723e+02	-8.2017e+01	1.0948e+02
	392	0.0000e+00	0.0000e+00	0.0000e+00	-1.2189e+02	-1.0136e+02	6.4404e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-2.4924e+02	-5.5633e+01	5.8066e+01
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	-2.7642e+02	-4.1201e+00	1.2824e+02
	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.4232e+02	-2.1996e+01	1.4387e+02
	391	0.0000e+00	0.0000e+00	0.0000e+00	-1.2319e+02	-6.4050e+01	1.1664e+02
	380	0.0000e+00	0.0000e+00	0.0000e+00	-2.6555e+02	-2.8503e+01	1.0105e+02
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	-3.0286e+02	3.8202e+01	1.0794e+02
	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.6808e+02	6.2177e+01	1.3042e+02
	390	0.0000e+00	0.0000e+00	0.0000e+00	-1.3576e+02	5.8004e+00	1.3820e+02
	379	0.0000e+00	0.0000e+00	0.0000e+00	-2.9229e+02	1.4360e+01	1.1575e+02
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	-3.2601e+02	6.6054e+01	4.3598e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-1.7452e+02	1.1527e+02	5.4193e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	-1.6092e+02	8.8722e+01	9.6246e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-3.1847e+02	5.4956e+01	8.5617e+01
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	-4.9083e+02	-7.7298e+00	-5.8807e+01

	386	0.0000e+00	0.0000e+00	0.0000e+00	-3.4706e+02	3.1072e+01	-6.4769e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-3.5841e+02	3.9408e+01	-2.7215e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-4.9325e+02	-1.0610e+01	-2.1665e+01
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	-4.7632e+02	6.5504e+00	-9.2743e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-3.2928e+02	3.6105e+00	-1.0417e+02
	386	0.0000e+00	0.0000e+00	0.0000e+00	-3.5201e+02	2.4108e+01	-9.3157e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-4.7870e+02	-5.7854e+00	-8.1689e+01
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	-4.5379e+02	6.1287e+00	-8.3928e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-3.1384e+02	-2.5495e+01	-9.7073e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-3.3416e+02	-6.5860e+00	-1.1607e+02
	374	0.0000e+00	0.0000e+00	0.0000e+00	-4.6199e+02	3.5551e+00	-1.0281e+02
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	-4.3416e+02	1.2095e+01	-4.8774e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-3.0416e+02	-4.6731e+01	-5.8298e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-3.1596e+02	-3.5105e+01	-9.5623e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-4.4328e+02	7.5647e+00	-8.5936e+01
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	-4.2635e+02	1.7162e+01	-4.3285e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-3.0164e+02	-5.6792e+01	-5.7879e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	-3.0476e+02	-5.2387e+01	-5.0151e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-4.2922e+02	1.4429e+01	-4.7569e+01
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	-4.3321e+02	1.5492e+01	4.4027e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-3.0719e+02	-5.4561e+01	4.9648e+01
	382	0.0000e+00	0.0000e+00	0.0000e+00	-3.0230e+02	-5.6660e+01	4.5637e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	-4.2690e+02	1.7338e+01	-1.3077e+00
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	-4.5198e+02	9.3188e+00	8.4294e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-3.2142e+02	-3.9190e+01	9.7100e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-3.0793e+02	-4.8582e+01	5.8049e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-4.3925e+02	1.3479e+01	4.5299e+01
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	-4.7578e+02	3.8244e+00	1.0483e+02
	379	0.0000e+00	0.0000e+00	0.0000e+00	-3.4253e+02	-1.2212e+01	1.2131e+02
	380	0.0000e+00	0.0000e+00	0.0000e+00	-3.2064e+02	-2.9062e+01	9.9167e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-4.6359e+02	7.4045e+00	8.2753e+01
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	-4.9802e+02	-3.5530e+00	8.9523e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-3.6328e+02	1.7852e+01	1.0440e+02
	379	0.0000e+00	0.0000e+00	0.0000e+00	-3.3902e+02	1.6081e+00	1.1049e+02
	368	0.0000e+00	0.0000e+00	0.0000e+00	-4.9119e+02	5.3755e+00	9.5650e+01
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	-5.1998e+02	-8.4240e+00	3.7254e+01
	377	0.0000e+00	0.0000e+00	0.0000e+00	-3.7136e+02	3.3819e+01	4.6821e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-3.5963e+02	2.6234e+01	7.7398e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-5.1134e+02	-5.5827e+00	6.7781e+01
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	-6.8815e+02	-5.7726e+01	-5.3922e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-5.2921e+02	-3.0095e+01	-5.5578e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-5.3772e+02	-3.6997e+01	-1.9887e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-6.8611e+02	-8.0589e+01	-1.9151e+01
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	-6.7320e+02	-1.8543e+00	-8.0484e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-5.2168e+02	-8.4338e+00	-8.5497e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-5.3649e+02	-2.1157e+01	-8.1266e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-6.7277e+02	-3.7543e+01	-7.6148e+01
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	-6.3843e+02	2.7522e+01	-6.2266e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-5.0633e+02	6.9528e+00	-7.8133e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-5.2420e+02	-6.5132e+00	-9.9324e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-6.5690e+02	1.2097e+01	-8.3106e+01
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	-6.0511e+02	3.3185e+01	-3.2525e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-4.8896e+02	1.2820e+01	-4.7975e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-5.0326e+02	1.0078e+01	-7.8976e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-6.2580e+02	3.1267e+01	-6.2967e+01
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	-5.9159e+02	3.3179e+01	-4.8480e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	-4.8154e+02	1.6756e+01	-7.8999e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-4.8598e+02	1.5438e+01	-4.0976e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-5.9863e+02	3.3532e+01	-3.5929e+01
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	-6.0413e+02	3.3944e+01	2.5881e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-4.9030e+02	1.6474e+01	3.5552e+01
	371	0.0000e+00	0.0000e+00	0.0000e+00	-4.8247e+02	1.6851e+01	2.3248e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-5.9241e+02	3.3580e+01	-7.9246e+00

2188	358	0.0000e+00	0.0000e+00	0.0000e+00	-6.3806e+02	3.2665e+01	5.4343e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-5.1307e+02	1.2008e+01	7.5360e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-4.9521e+02	1.4020e+01	4.2895e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	-6.1228e+02	3.4416e+01	2.2214e+01
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	-6.7696e+02	1.5301e+01	7.7352e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-5.4005e+02	-8.3782e+00	9.9195e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-5.1823e+02	8.9452e+00	7.5311e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-6.5250e+02	2.9877e+01	5.3724e+01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	-7.0201e+02	-3.1065e+01	7.5039e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-5.5937e+02	-2.0055e+01	8.6690e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-5.3988e+02	-7.4575e+00	8.6682e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-6.9531e+02	3.9688e+00	7.5145e+01
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	-7.2782e+02	-6.9301e+01	2.3651e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	-5.6794e+02	-3.2921e+01	3.2665e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-5.5472e+02	-2.6303e+01	6.2656e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-7.1991e+02	-4.9242e+01	5.3267e+01
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	-9.3183e+02	-1.1099e+02	-5.4288e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-7.2776e+02	-8.7930e+01	-5.1722e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-7.3554e+02	-1.1667e+02	-1.4177e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-9.2367e+02	-1.7211e+02	-1.8267e+01
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	-8.8017e+02	2.1089e+01	-5.2029e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-7.2730e+02	-4.8975e+00	-6.3691e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-7.4273e+02	-5.8109e+01	-7.9862e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-8.9930e+02	-5.0564e+01	-6.6659e+01
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	-7.9250e+02	4.8851e+01	-2.3889e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-6.9210e+02	3.4378e+01	-5.0261e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-7.1853e+02	3.2852e+00	-7.7143e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-8.5560e+02	4.0060e+01	-4.0292e+01
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	-7.2752e+02	4.8572e+01	-1.6891e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-6.5129e+02	3.8821e+01	-3.0707e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-6.7585e+02	2.6299e+01	-4.8508e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-7.7383e+02	5.1738e+01	-2.3418e+01
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	-7.0321e+02	4.6194e+01	-5.4420e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-6.3354e+02	3.5913e+01	-1.0969e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-6.4166e+02	3.3182e+01	-2.3243e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-7.1790e+02	4.7527e+01	-1.5368e+01
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	-7.2398e+02	4.8349e+01	-8.7800e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	-6.4732e+02	3.3644e+01	1.0603e+01
	360	0.0000e+00	0.0000e+00	0.0000e+00	-6.3462e+02	3.6529e+01	-2.4995e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-7.0418e+02	4.6811e+01	-1.7709e+01
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	-7.8757e+02	5.4242e+01	1.5651e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-6.8877e+02	2.8068e+01	3.7019e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	-6.5918e+02	4.0540e+01	1.8461e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-7.3562e+02	5.0726e+01	-2.4923e+01
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	-8.7848e+02	4.5089e+01	2.5882e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-7.3984e+02	6.5541e+00	6.8057e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-7.0750e+02	3.7606e+01	3.9615e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-8.0852e+02	5.3026e+01	2.1879e+01
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	-9.3401e+02	-3.9834e+01	5.3119e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-7.7432e+02	-5.1293e+01	7.4980e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-7.5168e+02	1.7994e+00	5.5950e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-9.0574e+02	2.8331e+01	3.6312e+01
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	-9.7340e+02	-1.5493e+02	1.2303e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	-7.7926e+02	-1.0453e+02	1.3842e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-7.6274e+02	-7.7609e+01	4.8391e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-9.7012e+02	-9.7933e+01	4.1095e+01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.3024e+03	-1.3822e+02	-3.9945e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-9.7660e+02	-1.4004e+02	-4.2203e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-9.8484e+02	-2.2493e+02	-1.4981e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	-1.3152e+03	-2.8436e+02	-2.0366e+01
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	-1.0305e+03	6.0222e+01	1.1760e+02
	352	0.0000e+00	0.0000e+00	0.0000e+00	-9.5499e+02	5.6963e+01	-2.9043e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-1.0073e+03	-7.7181e+01	-8.2655e+01

	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.2033e+03	7.5770e+01	-5.0318e+01
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	-8.4612e+02	5.2351e+01	1.2307e+02
	351	0.0000e+00	0.0000e+00	0.0000e+00	-8.3631e+02	6.4751e+01	-2.9471e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-8.9876e+02	2.2494e+01	-3.0665e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	-9.9080e+02	6.0524e+01	1.1346e+02
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	-7.4426e+02	3.7431e+01	6.9931e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-7.4944e+02	5.1272e+01	-1.7182e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-7.9669e+02	4.0785e+01	3.6565e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	-8.1707e+02	3.8636e+01	9.1337e+01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	-7.0916e+02	4.1059e+01	-7.3974e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-7.1669e+02	4.4027e+01	-1.3753e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-7.3148e+02	4.1795e+01	2.1620e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-7.3026e+02	4.0449e+01	3.7467e+01
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	-7.3555e+02	4.1120e+01	-5.8307e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-7.3747e+02	4.2894e+01	-3.5981e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	-7.1772e+02	4.4542e+01	-6.5461e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-7.1008e+02	4.1672e+01	-2.8487e+01
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	-8.2915e+02	4.1108e+01	-1.1291e+02
	347	0.0000e+00	0.0000e+00	0.0000e+00	-8.1031e+02	4.3778e+01	-4.9450e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-7.5757e+02	5.3492e+01	-2.7776e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-7.5148e+02	4.0095e+01	-9.1936e+01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	-1.0111e+03	6.5222e+01	-1.3548e+02
	346	0.0000e+00	0.0000e+00	0.0000e+00	-9.2137e+02	2.8257e+01	3.3473e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-8.5237e+02	6.9023e+01	-3.9097e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-8.6040e+02	5.7378e+01	-1.4559e+02
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	-1.2322e+03	8.3257e+01	-6.7884e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-1.0429e+03	-6.6103e+01	6.3490e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-9.8049e+02	6.4498e+01	2.9063e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-1.0535e+03	6.7432e+01	-1.4024e+02
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	-1.3703e+03	-2.6439e+02	-3.8981e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-1.0364e+03	-2.0862e+02	1.4569e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-1.0170e+03	-1.2436e+02	2.7640e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-1.3360e+03	-1.2426e+02	2.7644e+01
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	-1.3699e+03	3.7065e+02	8.1079e+02
	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.6780e+03	5.5003e+01	1.5862e+02
	343	0.0000e+00	0.0000e+00	0.0000e+00	-1.1442e+03	-4.7291e+02	-1.3336e+02
	5	0.0000e+00	0.0000e+00	0.0000e+00	-3.2267e+03	-2.7022e+02	5.2130e+02
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	-8.9983e+02	7.3157e+01	4.4872e+02
	339	0.0000e+00	0.0000e+00	0.0000e+00	-1.0776e+03	1.3967e+02	1.4490e+02
	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.4237e+03	-1.9825e+01	2.0809e+02
	342	0.0000e+00	0.0000e+00	0.0000e+00	-1.1692e+03	-9.8443e+01	5.1247e+02
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	-6.8775e+02	-1.1538e+02	2.6949e+02
	337	0.0000e+00	0.0000e+00	0.0000e+00	-8.1832e+02	5.1914e+01	1.2770e+02
	339	0.0000e+00	0.0000e+00	0.0000e+00	-9.8625e+02	4.2185e+01	2.1114e+02
	340	0.0000e+00	0.0000e+00	0.0000e+00	-8.0731e+02	-3.6188e+01	3.5318e+02
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	-5.8780e+02	-1.3112e+02	1.3083e+02
	335	0.0000e+00	0.0000e+00	0.0000e+00	-7.0362e+02	3.6501e+01	6.3633e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	-7.8726e+02	3.0749e+01	1.4397e+02
	338	0.0000e+00	0.0000e+00	0.0000e+00	-6.4100e+02	-4.1114e+01	2.1143e+02
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	-5.5284e+02	-1.2131e+02	9.0079e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-6.6870e+02	4.6420e+01	-1.3288e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-6.9308e+02	4.2994e+01	6.6229e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	-5.6788e+02	-8.9190e+01	8.5547e+01
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-5.7052e+02	-9.0434e+01	-1.1301e+02
	331	0.0000e+00	0.0000e+00	0.0000e+00	-6.9789e+02	4.3778e+01	-9.0409e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-6.6938e+02	4.6591e+01	-1.3227e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-5.5344e+02	-1.2013e+02	-3.5472e+01
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-6.4724e+02	-4.0505e+01	-2.4009e+02
	329	0.0000e+00	0.0000e+00	0.0000e+00	-7.9821e+02	3.3761e+01	-1.6885e+02
	331	0.0000e+00	0.0000e+00	0.0000e+00	-7.0973e+02	3.8283e+01	-8.7474e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-5.9177e+02	-1.3055e+02	-1.5875e+02
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-8.1797e+02	-3.0481e+01	-3.8407e+02
	327	0.0000e+00	0.0000e+00	0.0000e+00	-1.0047e+03	4.7926e+01	-2.3732e+02

	329	0.0000e+00	0.0000e+00	0.0000e+00	-8.3044e+02	5.6278e+01	-1.5211e+02
	330	0.0000e+00	0.0000e+00	0.0000e+00	-6.9572e+02	-1.1547e+02	-2.9883e+02
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-1.1858e+03	-9.2127e+01	-5.4694e+02
	325	0.0000e+00	0.0000e+00	0.0000e+00	-1.4519e+03	2.1057e+01	-2.3611e+02
	327	0.0000e+00	0.0000e+00	0.0000e+00	-1.0971e+03	1.4634e+02	-1.7015e+02
	328	0.0000e+00	0.0000e+00	0.0000e+00	-9.1287e+02	7.3735e+01	-4.8078e+02
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.2795e+03	-2.4719e+02	-5.6266e+02
	324	0.0000e+00	0.0000e+00	0.0000e+00	-1.1511e+03	-4.4590e+02	9.7644e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-1.7047e+03	5.2017e+01	-1.9047e+02
	326	0.0000e+00	0.0000e+00	0.0000e+00	-1.3908e+03	3.7632e+02	-8.4945e+02
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	2.1965e+03	-3.8536e+00	1.8991e+02
	323	0.0000e+00	0.0000e+00	0.0000e+00	9.3381e+02	-1.1273e+03	1.7813e+03
	14	0.0000e+00	0.0000e+00	0.0000e+00	6.0650e+03	1.3510e+03	1.2021e+03
	314	0.0000e+00	0.0000e+00	0.0000e+00	2.7764e+02	1.3689e+03	-3.8929e+02
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	7.5160e+02	-3.4826e+02	1.2867e+02
	322	0.0000e+00	0.0000e+00	0.0000e+00	4.7238e+02	-1.7145e+02	5.4992e+02
	323	0.0000e+00	0.0000e+00	0.0000e+00	4.9389e+02	1.5287e+02	7.6843e+02
	313	0.0000e+00	0.0000e+00	0.0000e+00	1.5802e+03	-1.0338e+02	3.4718e+02
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	3.8836e+02	-1.8629e+02	1.4711e+02
	321	0.0000e+00	0.0000e+00	0.0000e+00	2.7890e+02	-1.1719e+02	2.9010e+02
	322	0.0000e+00	0.0000e+00	0.0000e+00	3.6512e+02	2.6512e+00	4.2188e+02
	312	0.0000e+00	0.0000e+00	0.0000e+00	5.9068e+02	-1.8952e+02	2.7889e+02
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	2.5457e+02	-1.5521e+02	7.7957e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	2.1816e+02	-9.3423e+01	1.3061e+02
	321	0.0000e+00	0.0000e+00	0.0000e+00	2.3563e+02	-5.3461e+01	2.1892e+02
	311	0.0000e+00	0.0000e+00	0.0000e+00	3.4334e+02	-1.6665e+02	1.6626e+02
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	2.1558e+02	-1.4407e+02	6.9329e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	1.9669e+02	-8.4165e+01	2.2156e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	2.0292e+02	-7.4690e+01	9.0212e+01
	310	0.0000e+00	0.0000e+00	0.0000e+00	2.4008e+02	-1.4966e+02	7.4990e+01
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	2.3580e+02	-1.4507e+02	-6.8787e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	1.9769e+02	-7.0191e+01	-7.9996e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	1.9588e+02	-8.3220e+01	-1.2152e+01
	309	0.0000e+00	0.0000e+00	0.0000e+00	2.1506e+02	-1.4284e+02	-1.0076e+00
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	3.3386e+02	-1.5601e+02	-1.5926e+02
	317	0.0000e+00	0.0000e+00	0.0000e+00	2.2430e+02	-4.3516e+01	-2.0769e+02
	318	0.0000e+00	0.0000e+00	0.0000e+00	2.1127e+02	-8.6970e+01	-1.2004e+02
	308	0.0000e+00	0.0000e+00	0.0000e+00	2.4922e+02	-1.4817e+02	-7.1612e+01
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	5.7512e+02	-1.7233e+02	-2.7007e+02
	316	0.0000e+00	0.0000e+00	0.0000e+00	3.4764e+02	1.7848e+01	-4.0845e+02
	317	0.0000e+00	0.0000e+00	0.0000e+00	2.6576e+02	-1.0514e+02	-2.7815e+02
	307	0.0000e+00	0.0000e+00	0.0000e+00	3.7775e+02	-1.7320e+02	-1.3977e+02
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	1.5582e+03	-7.8825e+01	-3.3438e+02
	315	0.0000e+00	0.0000e+00	0.0000e+00	4.6995e+02	1.7298e+02	-7.5075e+02
	316	0.0000e+00	0.0000e+00	0.0000e+00	4.5287e+02	-1.5390e+02	-5.3532e+02
	306	0.0000e+00	0.0000e+00	0.0000e+00	7.3495e+02	-3.2904e+02	-1.1895e+02
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	2.4006e+02	1.4076e+03	4.1479e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	6.0491e+03	1.3724e+03	-1.1740e+03
	315	0.0000e+00	0.0000e+00	0.0000e+00	9.0750e+02	-1.1062e+03	-1.7643e+03
	305	0.0000e+00	0.0000e+00	0.0000e+00	2.1748e+03	2.8554e+01	-1.7552e+02
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	5.0996e+02	3.6969e+02	-1.8360e+02
	313	0.0000e+00	0.0000e+00	0.0000e+00	1.1999e+03	4.0223e+02	-2.2121e+02
	314	0.0000e+00	0.0000e+00	0.0000e+00	1.1474e+03	8.4954e+02	-7.7455e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	4.8667e+02	5.9719e+02	-3.9855e+01
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	5.7174e+02	-1.8107e+02	-7.6978e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	6.7300e+02	-1.8894e+02	1.0027e+02
	313	0.0000e+00	0.0000e+00	0.0000e+00	9.5393e+02	-2.2311e+02	-9.6106e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	6.4848e+02	1.5821e+02	-2.7333e+02
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	3.8078e+02	-2.1009e+02	-1.3054e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	4.0324e+02	-2.0444e+02	1.3808e+02
	312	0.0000e+00	0.0000e+00	0.0000e+00	6.2347e+02	-2.0151e+02	9.8730e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	4.6525e+02	-1.1788e+02	-5.2305e+01
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	2.5489e+02	-2.0072e+02	2.6375e+00

	310	0.0000e+00	0.0000e+00	0.0000e+00	2.7417e+02	-1.8014e+02	7.8856e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	3.6145e+02	-1.7793e+02	8.9237e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	3.2231e+02	-1.7792e+02	1.2566e+01
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	2.0839e+02	-1.8733e+02	-4.3822e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	2.2956e+02	-1.6478e+02	1.9666e+01
	310	0.0000e+00	0.0000e+00	0.0000e+00	2.5527e+02	-1.6518e+02	4.0999e+01
	300	0.0000e+00	0.0000e+00	0.0000e+00	2.3084e+02	-1.8490e+02	1.7160e+01
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	2.2794e+02	-1.8010e+02	-1.5015e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	2.5134e+02	-1.6008e+02	-3.5978e+01
	309	0.0000e+00	0.0000e+00	0.0000e+00	2.2905e+02	-1.6387e+02	-1.4630e+01
	299	0.0000e+00	0.0000e+00	0.0000e+00	2.0806e+02	-1.8616e+02	6.3857e+00
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	3.1541e+02	-1.6675e+02	-1.0536e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	3.5260e+02	-1.6665e+02	-8.3780e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	2.6914e+02	-1.7310e+02	-7.3446e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	2.5123e+02	-1.9348e+02	-3.1367e-01
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	4.5226e+02	-9.9388e+01	5.4265e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	6.0854e+02	-1.8364e+02	-9.2000e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	3.9291e+02	-1.9080e+02	-1.3177e+02
	297	0.0000e+00	0.0000e+00	0.0000e+00	3.7280e+02	-1.9624e+02	1.4496e+01
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	6.2523e+02	1.8597e+02	2.7602e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	9.3032e+02	-1.9811e+02	1.0616e+02
	306	0.0000e+00	0.0000e+00	0.0000e+00	6.5574e+02	-1.6783e+02	-9.1840e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	5.5703e+02	-1.5950e+02	7.8020e+01
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	4.4427e+02	6.3651e+02	4.1800e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	1.1074e+03	8.8739e+02	9.3201e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	1.1729e+03	4.3321e+02	2.3535e+02
	295	0.0000e+00	0.0000e+00	0.0000e+00	4.8245e+02	4.0237e+02	1.8395e+02
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	1.3887e+02	2.3489e+02	-1.4324e+02
	303	0.0000e+00	0.0000e+00	0.0000e+00	4.7389e+02	2.9249e+02	-1.8021e+02
	304	0.0000e+00	0.0000e+00	0.0000e+00	4.0925e+02	4.7007e+02	-7.0796e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	1.3006e+02	3.1084e+02	-3.3902e+01
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	2.0860e+02	-9.9793e+00	-1.4093e+02
	302	0.0000e+00	0.0000e+00	0.0000e+00	4.3237e+02	-8.6661e+01	-1.5989e+02
	303	0.0000e+00	0.0000e+00	0.0000e+00	4.0628e+02	1.2052e+02	-2.0640e+02
	293	0.0000e+00	0.0000e+00	0.0000e+00	1.9714e+02	1.3599e+02	-1.8742e+02
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	1.9019e+02	-1.3712e+02	-9.2837e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	3.0860e+02	-1.7415e+02	-4.1252e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	3.9964e+02	-1.3591e+02	-1.0747e+02
	292	0.0000e+00	0.0000e+00	0.0000e+00	2.0324e+02	-4.1618e+01	-1.5905e+02
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	1.4222e+02	-1.7087e+02	-4.5240e+01
	300	0.0000e+00	0.0000e+00	0.0000e+00	2.2136e+02	-1.9215e+02	-2.6094e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	2.8502e+02	-1.8809e+02	-4.0679e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	1.6589e+02	-1.3211e+02	-8.4144e+01
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	1.1747e+02	-1.7148e+02	-7.5596e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	1.8709e+02	-1.8988e+02	9.0820e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	2.0934e+02	-1.9170e+02	-1.4931e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	1.2746e+02	-1.6291e+02	-3.0952e+01
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	1.2617e+02	-1.5869e+02	3.0866e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	2.0677e+02	-1.8645e+02	1.6288e+01
	299	0.0000e+00	0.0000e+00	0.0000e+00	1.8694e+02	-1.8915e+02	-7.2595e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	1.1727e+02	-1.7044e+02	7.5628e+00
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	1.6242e+02	-1.2234e+02	8.2402e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	2.7891e+02	-1.7654e+02	4.1181e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	2.1838e+02	-1.8529e+02	3.3457e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	1.4046e+02	-1.6445e+02	4.4537e+01
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	1.9525e+02	-2.5612e+01	1.5410e+02
	296	0.0000e+00	0.0000e+00	0.0000e+00	3.8776e+02	-1.1722e+02	1.0661e+02
	297	0.0000e+00	0.0000e+00	0.0000e+00	3.0164e+02	-1.6051e+02	4.2335e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	1.8577e+02	-1.2474e+02	8.9825e+01
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	1.8008e+02	1.5917e+02	1.7681e+02
	295	0.0000e+00	0.0000e+00	0.0000e+00	3.8361e+02	1.4816e+02	2.0343e+02
	296	0.0000e+00	0.0000e+00	0.0000e+00	4.1873e+02	-6.4943e+01	1.6028e+02
	286	0.0000e+00	0.0000e+00	0.0000e+00	1.9837e+02	9.5640e+00	1.3367e+02

2251	184	0.0000e+00	0.0000e+00	0.0000e+00	9.5677e+01	3.4139e+02	1.3134e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	3.6852e+02	5.0870e+02	6.3399e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	4.4803e+02	3.2462e+02	1.7888e+02
	285	0.0000e+00	0.0000e+00	0.0000e+00	1.1667e+02	2.6307e+02	1.2860e+02
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.1979e+02	1.2854e+02	-1.0847e+02
	293	0.0000e+00	0.0000e+00	0.0000e+00	1.1246e+02	1.7650e+02	-1.2612e+02
	294	0.0000e+00	0.0000e+00	0.0000e+00	8.8228e+01	2.4472e+02	-5.8405e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.2743e+02	1.5855e+02	-4.0891e+01
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	-8.2383e+01	2.0160e+01	-1.3588e+02
	292	0.0000e+00	0.0000e+00	0.0000e+00	1.3547e+02	-4.5644e+00	-1.6669e+02
	293	0.0000e+00	0.0000e+00	0.0000e+00	9.1948e+01	1.0992e+02	-1.6709e+02
	283	0.0000e+00	0.0000e+00	0.0000e+00	-9.5329e+01	8.6129e+01	-1.3624e+02
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	6.2813e+01	-6.9100e+01	-1.0909e+02
	291	0.0000e+00	0.0000e+00	0.0000e+00	1.1786e+02	-1.1210e+02	-1.1269e+02
	292	0.0000e+00	0.0000e+00	0.0000e+00	1.1921e+02	-5.3726e+01	-1.5531e+02
	282	0.0000e+00	0.0000e+00	0.0000e+00	7.0240e+01	-1.2182e+01	-1.5165e+02
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	5.9609e+01	-1.1164e+02	-5.9897e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	8.8745e+01	-1.5403e+02	-5.0499e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	1.0695e+02	-1.3590e+02	-9.9901e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	6.1765e+01	-8.0220e+01	-1.0923e+02
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	6.0042e+01	-1.2131e+02	-6.7514e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	7.4614e+01	-1.6354e+02	-3.1432e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	8.3308e+01	-1.6149e+02	-4.6247e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	6.1086e+01	-1.1265e+02	-5.1040e+01
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	5.7186e+01	-1.0986e+02	5.1440e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	8.2000e+01	-1.5682e+02	4.6031e+01
	289	0.0000e+00	0.0000e+00	0.0000e+00	7.4725e+01	-1.6320e+02	-2.4135e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	5.9494e+01	-1.2061e+02	6.9343e+00
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	5.3830e+01	-7.4003e+01	1.0645e+02
	287	0.0000e+00	0.0000e+00	0.0000e+00	1.0403e+02	-1.2599e+02	9.7230e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	8.7705e+01	-1.4861e+02	5.0173e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	5.4697e+01	-1.0734e+02	5.9397e+01
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	5.9828e+01	-2.6853e+00	1.4266e+02
	286	0.0000e+00	0.0000e+00	0.0000e+00	1.1240e+02	-3.7960e+01	1.4800e+02
	287	0.0000e+00	0.0000e+00	0.0000e+00	1.1505e+02	-1.0116e+02	1.0992e+02
	277	0.0000e+00	0.0000e+00	0.0000e+00	5.4286e+01	-6.1029e+01	1.0458e+02
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	-8.6929e+01	9.8521e+01	1.1669e+02
	285	0.0000e+00	0.0000e+00	0.0000e+00	7.6227e+01	1.3236e+02	1.5190e+02
	286	0.0000e+00	0.0000e+00	0.0000e+00	1.2825e+02	1.2725e+01	1.5917e+02
	276	0.0000e+00	0.0000e+00	0.0000e+00	-7.3319e+01	3.2136e+01	1.2397e+02
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.2769e+02	1.7205e+02	4.4267e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	6.0375e+01	2.7396e+02	3.0203e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	9.5525e+01	2.0061e+02	1.1002e+02
	275	0.0000e+00	0.0000e+00	0.0000e+00	-1.1550e+02	1.4433e+02	8.4211e+01
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	-3.1224e+02	5.6450e+01	-8.4156e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.5516e+02	8.9985e+01	-9.5311e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.6989e+02	1.1610e+02	-5.3516e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-3.2087e+02	6.7193e+01	-4.2548e+01
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	-2.8420e+02	1.6143e+01	-1.1376e+02
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.2810e+02	7.2463e+00	-1.3683e+02
	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.6197e+02	6.3319e+01	-1.2925e+02
	273	0.0000e+00	0.0000e+00	0.0000e+00	-2.9600e+02	3.9729e+01	-1.0614e+02
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	-2.5535e+02	-2.6293e+01	-9.8683e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.1357e+02	-6.2094e+01	-1.1493e+02
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.3430e+02	-2.0441e+01	-1.4228e+02
	272	0.0000e+00	0.0000e+00	0.0000e+00	-2.6764e+02	-1.9349e+00	-1.2592e+02
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	-2.3672e+02	-5.3414e+01	-5.5672e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-1.1038e+02	-9.9166e+01	-6.2616e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.1713e+02	-8.0250e+01	-1.0757e+02
	271	0.0000e+00	0.0000e+00	0.0000e+00	-2.4586e+02	-3.6804e+01	-1.0041e+02
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	-2.2791e+02	-6.2693e+01	-7.0727e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	-1.0962e+02	-1.1111e+02	-5.9747e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	-1.1145e+02	-1.0740e+02	-5.3340e+01



	270	0.0000e+00	0.0000e+00	0.0000e+00	-2.3290e+02	-5.7219e+01	-5.0777e+01
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	-2.2627e+02	-5.6476e+01	5.5209e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	-1.0743e+02	-1.0416e+02	5.4530e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-1.0848e+02	-1.1135e+02	6.8825e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	-2.2709e+02	-6.2539e+01	8.0173e+00
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	-2.3201e+02	-3.5695e+01	1.0071e+02
	277	0.0000e+00	0.0000e+00	0.0000e+00	-1.0857e+02	-7.4065e+01	1.0502e+02
	278	0.0000e+00	0.0000e+00	0.0000e+00	-1.0409e+02	-9.6435e+01	6.3307e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	-2.2858e+02	-5.2342e+01	5.9007e+01
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	-2.4725e+02	-2.0211e+00	1.1830e+02
	276	0.0000e+00	0.0000e+00	0.0000e+00	-1.2283e+02	-1.1569e+01	1.3258e+02
	277	0.0000e+00	0.0000e+00	0.0000e+00	-1.0280e+02	-5.6513e+01	1.1145e+02
	267	0.0000e+00	0.0000e+00	0.0000e+00	-2.4043e+02	-2.4801e+01	9.7169e+01
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	-2.6998e+02	3.7513e+01	8.5453e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	-1.5053e+02	7.4432e+01	1.0768e+02
	276	0.0000e+00	0.0000e+00	0.0000e+00	-1.1463e+02	1.5440e+01	1.2547e+02
	266	0.0000e+00	0.0000e+00	0.0000e+00	-2.6347e+02	1.7100e+01	1.0324e+02
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	-2.9212e+02	5.9090e+01	1.8459e+00
	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.5968e+02	1.2770e+02	1.3538e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	-1.4221e+02	9.9549e+01	7.0676e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	-2.8686e+02	5.4946e+01	5.8925e+01
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	-5.0396e+02	-7.5996e+00	-6.5612e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-3.5303e+02	2.8135e+01	-7.5677e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-3.6600e+02	3.5099e+01	-4.5496e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-5.1390e+02	-8.9572e+00	-3.5838e+01
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	-4.8168e+02	7.9403e+00	-9.2669e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-3.3054e+02	1.6703e+00	-1.0813e+02
	273	0.0000e+00	0.0000e+00	0.0000e+00	-3.5619e+02	1.9569e+01	-1.0232e+02
	263	0.0000e+00	0.0000e+00	0.0000e+00	-4.8993e+02	-5.5555e+00	-8.6798e+01
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	-4.5163e+02	5.2355e+00	-7.9328e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-3.1007e+02	-2.6305e+01	-9.6379e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-3.3349e+02	-9.9132e+00	-1.1868e+02
	262	0.0000e+00	0.0000e+00	0.0000e+00	-4.6551e+02	4.5167e+00	-1.0138e+02
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	-4.2446e+02	8.4192e+00	-4.2140e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-2.9500e+02	-4.5767e+01	-5.5216e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-3.1016e+02	-3.6757e+01	-9.4089e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-4.3923e+02	5.1638e+00	-8.0354e+01
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	-4.0888e+02	-1.3129e+01	-1.1694e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-2.8673e+02	-5.4260e+01	-7.4658e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	-2.9343e+02	-5.2271e+01	-4.6682e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-4.1762e+02	1.0927e+01	-4.0132e+01
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	-4.0750e+02	1.1980e+01	5.2246e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	-2.8626e+02	-5.1084e+01	5.2941e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-2.8506e+02	-5.5180e+01	1.0890e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-4.0755e+02	-1.3738e+01	1.0957e+01
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	-4.1728e+02	7.4299e+00	8.8355e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	-2.9428e+02	-3.5806e+01	9.6128e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	-2.8445e+02	-4.6579e+01	6.0620e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-4.1174e+02	1.0626e+01	5.2860e+01
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	-4.3096e+02	-5.4888e+00	1.0150e+02
	266	0.0000e+00	0.0000e+00	0.0000e+00	-3.0911e+02	-1.0489e+01	1.1256e+02
	267	0.0000e+00	0.0000e+00	0.0000e+00	-2.9069e+02	-2.7846e+01	9.6782e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-4.2722e+02	5.4764e+00	8.5717e+01
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	-4.4138e+02	-1.5681e+01	7.4012e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	-3.2370e+02	1.5801e+01	8.2831e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	-3.0248e+02	-2.9177e+00	9.9259e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-4.4483e+02	-3.8886e+00	9.0445e+01
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	-4.5115e+02	-2.9756e+01	3.1660e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	-3.2387e+02	2.4701e+01	5.7086e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	-3.1669e+02	1.9434e+01	5.1611e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	-4.5321e+02	-1.7214e+01	4.9055e+01
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	-7.1183e+02	-4.6926e+01	-5.1087e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-5.4706e+02	-2.4546e+01	-6.0336e+01

	264	0.0000e+00	0.0000e+00	0.0000e+00	-5.6173e+02	-3.1473e+01	-3.1337e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-7.2113e+02	-6.7297e+01	-2.4075e+01
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	-6.8485e+02	7.4180e+00	-7.1686e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-5.3007e+02	-4.9734e+00	-8.3398e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-5.5113e+02	-1.8321e+01	-8.3728e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-6.9312e+02	-2.8890e+01	-7.1779e+01
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	-6.3925e+02	3.1557e+01	-5.0533e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-5.0596e+02	6.3825e+00	-7.1528e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-5.2957e+02	-4.7488e+00	-9.5508e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-6.6564e+02	1.7554e+01	-7.3358e+01
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	-5.9574e+02	3.4238e+01	-2.2639e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-4.8003e+02	9.0132e+00	-3.9349e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-4.9996e+02	7.1051e+00	-7.1309e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-6.2390e+02	3.3608e+01	-5.0324e+01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	-5.7205e+02	3.1520e+01	2.0576e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-4.6393e+02	1.1493e+01	-1.0870e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-4.7412e+02	1.1272e+01	-3.2100e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-5.8664e+02	3.2980e+01	-2.3335e+01
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	-5.7377e+02	3.0187e+01	4.3844e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-4.6351e+02	1.1869e+01	4.6469e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-4.6179e+02	1.2398e+01	1.6016e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-5.7025e+02	3.0672e+01	1.4421e+01
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	-5.9544e+02	2.5653e+01	6.8743e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-4.7611e+02	1.0173e+01	8.2363e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-4.6504e+02	1.0177e+01	5.2794e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	-5.7922e+02	2.9368e+01	3.9201e+01
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	-6.1948e+02	4.6941e+00	8.6338e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-4.9127e+02	-1.5137e+01	9.9332e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-4.7736e+02	7.6045e+00	8.0492e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-6.0697e+02	2.0709e+01	6.7482e+01
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	-6.2558e+02	-5.8265e+01	7.5090e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	-4.9647e+02	-3.6530e+01	7.5395e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-4.8635e+02	-2.0220e+01	8.3746e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-6.3449e+02	-1.5146e+01	8.3450e+01
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	-6.2867e+02	-1.1470e+02	8.9946e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	-4.8631e+02	-6.1925e+01	3.6968e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	-4.8601e+02	-4.9781e+01	4.6428e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-6.3940e+02	-8.1690e+01	5.1741e+01
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	-9.6235e+02	-9.4486e+01	-4.0999e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-7.5461e+02	-7.4838e+01	-4.6584e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-7.7267e+02	-1.0226e+02	-1.8034e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-9.6693e+02	-1.5203e+02	-2.2540e+01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	-8.9552e+02	3.2629e+01	-3.8423e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-7.4126e+02	5.3556e+00	-5.3275e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-7.6560e+02	-4.8647e+01	-7.1612e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-9.2538e+02	-3.6933e+01	-5.1625e+01
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	-7.9536e+02	5.5539e+01	-3.7207e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-6.9431e+02	3.9700e+01	-3.7813e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-7.2864e+02	5.8827e+00	-6.4443e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-8.6737e+02	4.8699e+01	-3.2259e+01
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	-7.1905e+02	5.0462e+01	4.1209e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-6.4267e+02	4.0596e+01	-2.0595e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-6.7462e+02	2.8149e+01	-3.5383e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-7.7345e+02	5.5878e+01	-3.1384e+01
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	-6.8365e+02	4.3893e+01	3.3334e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-6.1421e+02	3.4268e+01	1.6681e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-6.2971e+02	3.1887e+01	-1.7629e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-7.0638e+02	4.6985e+01	-2.7229e+01
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	-6.9269e+02	4.3335e+01	2.3730e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	-6.1663e+02	2.9433e+01	3.1352e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-6.1187e+02	3.2896e+01	2.2809e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-6.8159e+02	4.2702e+01	1.6757e+01
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	-7.4280e+02	4.5291e+01	2.4007e+01

	247	0.0000e+00	0.0000e+00	0.0000e+00	-6.4513e+02	2.0781e+01	5.4805e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	-6.2477e+02	3.4612e+01	3.8237e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-7.0110e+02	4.3846e+01	8.1729e+00
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	-8.1683e+02	2.7322e+01	4.3961e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-6.8030e+02	-1.3974e+01	8.2104e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-6.5949e+02	2.6831e+01	5.5574e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-7.6001e+02	4.0804e+01	1.7479e+01
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	-8.4927e+02	-7.3495e+01	7.3975e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-6.9425e+02	-7.9611e+01	8.2178e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-6.8650e+02	-2.0652e+01	6.6673e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-8.3942e+02	6.6437e+00	5.8553e+01
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	-8.5810e+02	-2.1159e+02	2.0230e+01
	140	0.0000e+00	0.0000e+00	0.0000e+00	-6.7111e+02	-1.5138e+02	7.5571e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	-6.7502e+02	-1.1511e+02	5.0315e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-8.7926e+02	-1.3967e+02	6.3052e+01
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	-1.3300e+03	-1.1975e+02	-4.1274e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-1.0095e+03	-1.2057e+02	-3.3145e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-1.0304e+03	-2.0539e+02	-2.7063e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-1.3654e+03	-2.6015e+02	5.1391e+01
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	-1.0452e+03	7.3627e+01	1.5333e+02
	242	0.0000e+00	0.0000e+00	0.0000e+00	-9.7078e+02	6.9294e+01	-4.3408e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-1.0350e+03	-6.2555e+01	-6.1415e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-1.2254e+03	8.8943e+01	8.1429e+01
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	-8.4949e+02	6.0838e+01	1.6022e+02
	241	0.0000e+00	0.0000e+00	0.0000e+00	-8.3981e+02	7.2188e+01	5.4679e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-9.1087e+02	3.1721e+01	-4.8102e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-1.0019e+03	6.9191e+01	1.4917e+02
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	-7.3769e+02	3.5069e+01	1.0868e+02
	240	0.0000e+00	0.0000e+00	0.0000e+00	-7.4171e+02	5.3193e+01	4.5019e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-7.9682e+02	4.4530e+01	6.4690e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-8.1739e+02	3.7880e+01	1.2850e+02
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	-6.9303e+02	3.0951e+01	4.7098e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-6.9805e+02	4.0680e+01	2.4182e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-7.2052e+02	4.0039e+01	5.2496e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-7.2091e+02	3.1368e+01	7.6285e+01
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	-7.0935e+02	3.0685e+01	-1.7435e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-7.0731e+02	3.6792e+01	-6.0901e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	-6.9573e+02	3.9452e+01	2.9729e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-6.9124e+02	3.1643e+01	1.7810e+01
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	-7.9128e+02	3.1564e+01	-6.7722e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-7.6688e+02	3.4457e+01	-1.2322e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-7.2369e+02	4.6307e+01	8.2431e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	-7.2238e+02	3.0750e+01	-4.9201e+01
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	-9.5851e+02	5.0476e+01	-8.6544e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-8.6121e+02	1.1936e+01	1.3874e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-8.0450e+02	5.6497e+01	4.0290e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	-8.1910e+02	4.4343e+01	-9.9210e+01
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	-1.1589e+03	5.3670e+01	1.5541e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-9.6008e+02	-1.0050e+02	9.4018e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-9.1453e+02	4.0172e+01	1.6696e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-9.9642e+02	4.2097e+01	-8.9005e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	-1.2650e+03	-3.1720e+02	2.1587e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	-9.2021e+02	-2.6574e+02	2.3081e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-9.2487e+02	-1.6821e+02	4.8983e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-1.2567e+03	-1.6797e+02	4.7870e+01
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	-1.3878e+03	3.8389e+02	8.6075e+02
	232	0.0000e+00	0.0000e+00	0.0000e+00	-1.7004e+03	5.7494e+01	2.0164e+02
	234	0.0000e+00	0.0000e+00	0.0000e+00	-1.1462e+03	-4.4138e+02	-9.1782e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2784e+03	-2.3844e+02	5.7271e+02
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	-9.0823e+02	5.8150e+01	4.9427e+02
	230	0.0000e+00	0.0000e+00	0.0000e+00	-1.0904e+03	1.5266e+02	1.8342e+02
	232	0.0000e+00	0.0000e+00	0.0000e+00	-1.4462e+03	2.8044e+01	2.4764e+02
	233	0.0000e+00	0.0000e+00	0.0000e+00	-1.1825e+03	-9.1789e+01	5.5909e+02

2314	229	0.0000e+00	0.0000e+00	0.0000e+00	-6.8980e+02	-9.9229e+01	3.1429e+02
	228	0.0000e+00	0.0000e+00	0.0000e+00	-8.2120e+02	5.9191e+01	1.6709e+02
	230	0.0000e+00	0.0000e+00	0.0000e+00	-9.9680e+02	5.2407e+01	2.5057e+02
	231	0.0000e+00	0.0000e+00	0.0000e+00	-8.1298e+02	-3.6492e+01	3.9810e+02
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	-5.8477e+02	-1.1758e+02	1.7634e+02
	226	0.0000e+00	0.0000e+00	0.0000e+00	-6.9781e+02	2.9134e+01	1.0452e+02
	228	0.0000e+00	0.0000e+00	0.0000e+00	-7.8828e+02	2.7732e+01	1.8398e+02
	229	0.0000e+00	0.0000e+00	0.0000e+00	-6.4088e+02	-3.0209e+01	2.5614e+02
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-5.4534e+02	-1.1226e+02	5.5559e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-6.5439e+02	3.5178e+01	3.2743e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-6.8582e+02	3.1874e+01	1.0750e+02
	227	0.0000e+00	0.0000e+00	0.0000e+00	-5.6286e+02	-7.6366e+01	1.3139e+02
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-5.5834e+02	-8.9240e+01	-6.4016e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-6.7439e+02	3.4285e+01	-4.7070e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-6.5427e+02	3.5766e+01	3.2120e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-5.4371e+02	-1.0475e+02	1.7399e+01
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-6.2931e+02	-5.1932e+01	-1.8655e+02
	220	0.0000e+00	0.0000e+00	0.0000e+00	-7.6385e+02	2.5342e+01	-1.2209e+02
	222	0.0000e+00	0.0000e+00	0.0000e+00	-6.8631e+02	2.8827e+01	-4.4339e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-5.7667e+02	-1.1314e+02	-1.0842e+02
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-7.9247e+02	-1.9678e+01	-3.2454e+02
	218	0.0000e+00	0.0000e+00	0.0000e+00	-9.5650e+02	3.2351e+01	-1.8677e+02
	220	0.0000e+00	0.0000e+00	0.0000e+00	-7.9721e+02	4.4732e+01	-1.0596e+02
	221	0.0000e+00	0.0000e+00	0.0000e+00	-6.7368e+02	-9.6775e+01	-2.4370e+02
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-1.1498e+03	-5.2563e+01	-4.7803e+02
	216	0.0000e+00	0.0000e+00	0.0000e+00	-1.3857e+03	-1.5238e+01	-1.7934e+02
	218	0.0000e+00	0.0000e+00	0.0000e+00	-1.0513e+03	1.2431e+02	-1.2024e+02
	219	0.0000e+00	0.0000e+00	0.0000e+00	-8.8149e+02	5.3376e+01	-4.1892e+02
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.2379e+03	-2.8711e+02	-4.7725e+02
	118	0.0000e+00	0.0000e+00	0.0000e+00	-1.0505e+03	-5.0238e+02	1.6532e+02
	216	0.0000e+00	0.0000e+00	0.0000e+00	-1.6420e+03	-1.7624e+01	-1.3563e+02
	217	0.0000e+00	0.0000e+00	0.0000e+00	-1.3468e+03	3.7059e+02	-7.7818e+02
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	2.3361e+03	1.8798e+02	1.6177e+02
	215	0.0000e+00	0.0000e+00	0.0000e+00	1.0001e+03	-1.2445e+03	1.7772e+03
	13	0.0000e+00	0.0000e+00	0.0000e+00	6.1007e+03	1.5528e+03	1.2146e+03
	206	0.0000e+00	0.0000e+00	0.0000e+00	1.9980e+02	1.3468e+03	-4.0087e+02
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	8.6478e+02	-3.7694e+02	8.8645e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	5.3335e+02	-1.7022e+02	5.6223e+02
	215	0.0000e+00	0.0000e+00	0.0000e+00	5.0325e+02	2.2327e+02	7.5302e+02
	205	0.0000e+00	0.0000e+00	0.0000e+00	1.7638e+03	1.4089e+01	2.7943e+02
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	4.4580e+02	-1.8273e+02	1.2541e+02
	213	0.0000e+00	0.0000e+00	0.0000e+00	3.0713e+02	-1.1944e+02	3.0824e+02
	214	0.0000e+00	0.0000e+00	0.0000e+00	4.2552e+02	5.6317e+01	4.4229e+02
	204	0.0000e+00	0.0000e+00	0.0000e+00	6.6284e+02	-1.7268e+02	2.5945e+02
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	2.7778e+02	-1.4985e+02	5.9651e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	2.3324e+02	-8.5552e+01	1.3012e+02
	213	0.0000e+00	0.0000e+00	0.0000e+00	2.5679e+02	-2.1064e+01	2.2470e+02
	203	0.0000e+00	0.0000e+00	0.0000e+00	3.8351e+02	-1.6251e+02	1.5418e+02
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	2.1431e+02	-1.3623e+02	-1.1491e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	2.0784e+02	-7.8859e+01	1.5413e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	2.1456e+02	-5.2365e+01	8.5332e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	2.5485e+02	-1.4766e+02	5.9548e+01
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	2.0139e+02	-1.3107e+02	-7.9203e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	2.0582e+02	-7.3260e+01	-7.7191e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	2.0219e+02	-6.7962e+01	-1.8672e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	2.0835e+02	-1.3782e+02	-2.0861e+01
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	2.2835e+02	-1.2527e+02	-1.4486e+02
	209	0.0000e+00	0.0000e+00	0.0000e+00	2.1957e+02	-6.1724e+01	-1.6274e+02
	210	0.0000e+00	0.0000e+00	0.0000e+00	2.0843e+02	-7.4684e+01	-1.0716e+02
	200	0.0000e+00	0.0000e+00	0.0000e+00	2.0634e+02	-1.3183e+02	-8.9321e+01
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	2.9314e+02	-1.0903e+02	-2.0684e+02
	208	0.0000e+00	0.0000e+00	0.0000e+00	2.6787e+02	-3.4612e+01	-2.5233e+02
	209	0.0000e+00	0.0000e+00	0.0000e+00	2.3118e+02	-7.8302e+01	-1.9647e+02

	199	0.0000e+00	0.0000e+00	0.0000e+00	2.4609e+02	-1.2452e+02	-1.5100e+02
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	5.4926e+02	-2.8822e+01	-2.3624e+02
	207	0.0000e+00	0.0000e+00	0.0000e+00	2.6080e+02	2.2449e+01	-3.3393e+02
	208	0.0000e+00	0.0000e+00	0.0000e+00	2.8648e+02	-6.3828e+01	-2.7986e+02
	198	0.0000e+00	0.0000e+00	0.0000e+00	3.4408e+02	-1.3428e+02	-1.8220e+02
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	-6.7931e+01	2.6871e+02	-1.8162e+02
	12	0.0000e+00	0.0000e+00	0.0000e+00	1.4298e+03	3.2073e+02	-3.9696e+02
	207	0.0000e+00	0.0000e+00	0.0000e+00	3.4699e+02	-2.3505e+02	-5.1342e+02
	197	0.0000e+00	0.0000e+00	0.0000e+00	6.3490e+02	7.1773e+01	-2.9797e+02
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	4.5076e+02	4.1876e+02	-2.2666e+02
	205	0.0000e+00	0.0000e+00	0.0000e+00	1.1703e+03	6.0286e+02	-2.6182e+02
	206	0.0000e+00	0.0000e+00	0.0000e+00	1.1021e+03	8.2296e+02	-9.6784e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	4.5440e+02	6.4726e+02	-6.1621e+01
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	5.6989e+02	-1.0912e+02	-1.1675e+02
	204	0.0000e+00	0.0000e+00	0.0000e+00	7.1998e+02	-1.3514e+02	2.1319e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	9.4003e+02	-1.7443e+02	-1.7178e+02
	194	0.0000e+00	0.0000e+00	0.0000e+00	6.0292e+02	2.2026e+02	-3.0973e+02
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	4.1179e+02	-1.9281e+02	-5.8420e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	4.4472e+02	-1.8616e+02	1.0241e+02
	204	0.0000e+00	0.0000e+00	0.0000e+00	6.6783e+02	-1.9711e+02	4.9909e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	4.8346e+02	-7.5984e+01	-1.1091e+02
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	2.7390e+02	-2.0158e+02	-4.3843e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	2.9962e+02	-1.7594e+02	5.1605e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	3.9802e+02	-1.7581e+02	5.8365e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	3.4975e+02	-1.6501e+02	-3.7029e+01
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	2.0045e+02	-1.9158e+02	-5.4939e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	2.3070e+02	-1.6359e+02	-9.8317e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	2.7428e+02	-1.6172e+02	1.5374e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	2.4102e+02	-1.8463e+02	-3.1705e+01
2337	189	0.0000e+00	0.0000e+00	0.0000e+00	1.7736e+02	-1.8049e+02	-7.6754e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	2.1310e+02	-1.5361e+02	-6.6401e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	2.2066e+02	-1.5527e+02	-4.0447e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	1.8820e+02	-1.8513e+02	-5.0813e+01
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	1.9651e+02	-1.6235e+02	-9.7226e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	2.3610e+02	-1.4302e+02	-1.1679e+02
	200	0.0000e+00	0.0000e+00	0.0000e+00	2.1531e+02	-1.5110e+02	-9.4621e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	1.8073e+02	-1.8010e+02	-7.5101e+01
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	2.4066e+02	-1.1882e+02	-1.0403e+02
	198	0.0000e+00	0.0000e+00	0.0000e+00	3.1449e+02	-1.2100e+02	-1.5282e+02
	199	0.0000e+00	0.0000e+00	0.0000e+00	2.5023e+02	-1.4374e+02	-1.4457e+02
	188	0.0000e+00	0.0000e+00	0.0000e+00	2.1456e+02	-1.6393e+02	-9.5781e+01
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	3.7204e+02	1.1564e+01	-7.6744e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	3.5865e+02	-6.2151e+01	-1.4054e+02
	198	0.0000e+00	0.0000e+00	0.0000e+00	3.3507e+02	-1.0168e+02	-1.5845e+02
	187	0.0000e+00	0.0000e+00	0.0000e+00	2.7726e+02	-1.2796e+02	-9.4445e+01
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.2895e+02	1.8492e+02	-1.4741e+02
	196	0.0000e+00	0.0000e+00	0.0000e+00	1.0014e+03	3.1409e+02	-1.9155e+02
	197	0.0000e+00	0.0000e+00	0.0000e+00	4.4632e+02	-3.4090e+01	-2.0494e+02
	186	0.0000e+00	0.0000e+00	0.0000e+00	3.5670e+02	1.2685e+02	-1.6080e+02
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	1.1450e+02	2.6134e+02	-1.4860e+02
	194	0.0000e+00	0.0000e+00	0.0000e+00	4.3696e+02	3.3486e+02	-1.9731e+02
	195	0.0000e+00	0.0000e+00	0.0000e+00	3.6159e+02	5.1677e+02	-8.1908e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	1.0116e+02	3.3869e+02	-3.3210e+01
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	1.8655e+02	3.2955e+01	-1.6931e+02
	193	0.0000e+00	0.0000e+00	0.0000e+00	4.2813e+02	-2.3296e+01	-2.0333e+02
	194	0.0000e+00	0.0000e+00	0.0000e+00	3.8852e+02	1.8236e+02	-2.2600e+02
	183	0.0000e+00	0.0000e+00	0.0000e+00	1.6415e+02	1.7590e+02	-1.9198e+02
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	1.8764e+02	-1.1735e+02	-1.4057e+02
	192	0.0000e+00	0.0000e+00	0.0000e+00	3.2180e+02	-1.4639e+02	-9.8591e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	3.9546e+02	-1.0210e+02	-1.5425e+02
	182	0.0000e+00	0.0000e+00	0.0000e+00	1.9090e+02	-1.0482e+01	-1.9624e+02
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	1.4305e+02	-1.7572e+02	-1.0845e+02
	191	0.0000e+00	0.0000e+00	0.0000e+00	2.3104e+02	-1.8771e+02	-5.9644e+01

	192	0.0000e+00	0.0000e+00	0.0000e+00	2.9602e+02	-1.8155e+02	-9.2656e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	1.6703e+02	-1.2149e+02	-1.4151e+02
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	1.0495e+02	-1.9045e+02	-8.7971e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	1.7599e+02	-1.9474e+02	-5.5960e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	2.1430e+02	-1.9643e+02	-7.0059e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	1.2431e+02	-1.6975e+02	-1.0213e+02
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	8.8796e+01	-1.8595e+02	-7.6171e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	1.5789e+02	-1.9008e+02	-6.5900e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	1.6836e+02	-1.9464e+02	-7.1789e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	9.5844e+01	-1.8568e+02	-8.2058e+01
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	9.4943e+01	-1.6345e+02	-6.6212e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	1.7155e+02	-1.7480e+02	-7.5278e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	1.5914e+02	-1.8553e+02	-8.1363e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	8.9414e+01	-1.8335e+02	-7.2184e+01
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	1.0755e+02	-1.1066e+02	-5.4386e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	2.1806e+02	-1.3227e+02	-7.5390e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	1.8160e+02	-1.6335e+02	-8.7628e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	1.0281e+02	-1.5794e+02	-6.6260e+01
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	1.7811e+02	1.1238e+01	-4.5714e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	2.0309e+02	-2.7860e+01	-6.0060e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	2.3271e+02	-9.6022e+01	-6.8177e+01
	176	0.0000e+00	0.0000e+00	0.0000e+00	1.2010e+02	-1.0228e+02	-5.3487e+01
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	-2.6560e+02	1.1411e+02	-1.1425e+02
	185	0.0000e+00	0.0000e+00	0.0000e+00	6.9861e+02	2.2650e+02	-1.3056e+02
	186	0.0000e+00	0.0000e+00	0.0000e+00	2.5950e+02	-2.0499e+01	-1.3317e+02
	175	0.0000e+00	0.0000e+00	0.0000e+00	1.5641e+02	1.0192e+02	-1.1692e+02
2352	172	0.0000e+00	0.0000e+00	0.0000e+00	-1.1793e+02	1.3510e+02	-1.0556e+02
	183	0.0000e+00	0.0000e+00	0.0000e+00	8.8954e+01	1.9972e+02	-1.2943e+02
	184	0.0000e+00	0.0000e+00	0.0000e+00	5.5265e+01	2.7225e+02	-5.2517e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.2329e+02	1.6916e+02	-2.8646e+01
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	-8.0872e+01	3.0224e+01	-1.5467e+02
	182	0.0000e+00	0.0000e+00	0.0000e+00	1.2022e+02	2.5712e+01	-1.9018e+02
	183	0.0000e+00	0.0000e+00	0.0000e+00	7.6850e+01	1.4593e+02	-1.7012e+02
	172	0.0000e+00	0.0000e+00	0.0000e+00	-9.7838e+01	9.7675e+01	-1.3460e+02
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	5.9327e+01	-7.1325e+01	-1.5461e+02
	181	0.0000e+00	0.0000e+00	0.0000e+00	1.1268e+02	-9.7218e+01	-1.6404e+02
	182	0.0000e+00	0.0000e+00	0.0000e+00	1.0674e+02	-2.7479e+01	-1.8593e+02
	171	0.0000e+00	0.0000e+00	0.0000e+00	-6.8087e+01	-7.4641e+00	-1.7650e+02
2355	169	0.0000e+00	0.0000e+00	0.0000e+00	5.7582e+01	-1.3314e+02	-1.3104e+02
	180	0.0000e+00	0.0000e+00	0.0000e+00	8.4731e+01	-1.5977e+02	-1.2177e+02
	181	0.0000e+00	0.0000e+00	0.0000e+00	1.0118e+02	-1.3181e+02	-1.5401e+02
	170	0.0000e+00	0.0000e+00	0.0000e+00	5.8310e+01	-8.8402e+01	-1.6329e+02
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	-6.4234e+01	-1.6087e+02	-1.0272e+02
	179	0.0000e+00	0.0000e+00	0.0000e+00	6.1754e+01	-1.8397e+02	-9.1077e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	7.6908e+01	-1.7608e+02	-1.1924e+02
	169	0.0000e+00	0.0000e+00	0.0000e+00	-6.1336e+01	-1.3783e+02	-1.3091e+02
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	-7.0178e+01	-1.6500e+02	-7.6819e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	5.3254e+01	-1.8662e+02	-7.1343e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	5.8489e+01	-1.8897e+02	-9.4139e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-6.7812e+01	-1.6052e+02	-9.9608e+01
2358	166	0.0000e+00	0.0000e+00	0.0000e+00	-7.1256e+01	-1.4724e+02	-5.5451e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	5.6963e+01	-1.6923e+02	-5.6654e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	5.4325e+01	-1.8308e+02	-7.5882e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-7.1263e+01	-1.6201e+02	-7.4504e+01
2359	165	0.0000e+00	0.0000e+00	0.0000e+00	-7.5208e+01	-1.0195e+02	-4.2390e+01
	176	0.0000e+00	0.0000e+00	0.0000e+00	7.3409e+01	-1.1958e+02	-4.5377e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	6.2515e+01	-1.5659e+02	-6.0903e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	-7.0642e+01	-1.3828e+02	-5.7438e+01
2360	164	0.0000e+00	0.0000e+00	0.0000e+00	4.9066e+01	-1.8280e+01	-4.0183e+01
	175	0.0000e+00	0.0000e+00	0.0000e+00	5.0605e+01	-2.7744e+01	-3.8407e+01
	176	0.0000e+00	0.0000e+00	0.0000e+00	8.1037e+01	-8.7491e+01	-4.1529e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-7.2332e+01	-9.0425e+01	-4.3211e+01
2361	163	0.0000e+00	0.0000e+00	0.0000e+00	-4.0313e+02	6.5283e+01	-9.4180e+01

	174	0.0000e+00	0.0000e+00	0.0000e+00	4.4499e+02	1.5505e+02	-1.0084e+02
	175	0.0000e+00	0.0000e+00	0.0000e+00	7.8733e+01	-3.3271e+01	-1.0693e+02
	164	0.0000e+00	0.0000e+00	0.0000e+00	5.8134e+01	7.1549e+01	-1.0032e+02
2362	161	0.0000e+00	0.0000e+00	0.0000e+00	-2.8764e+02	4.0806e+01	-8.2323e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-1.4543e+02	9.2089e+01	-9.3527e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.6389e+02	1.2541e+02	-3.8393e+01
	162	0.0000e+00	0.0000e+00	0.0000e+00	-2.8902e+02	5.6463e+01	-2.7179e+01
2363	160	0.0000e+00	0.0000e+00	0.0000e+00	-2.6681e+02	6.9363e+00	-1.3281e+02
	171	0.0000e+00	0.0000e+00	0.0000e+00	-1.2172e+02	8.5360e+00	-1.5465e+02
	172	0.0000e+00	0.0000e+00	0.0000e+00	-1.5007e+02	7.1371e+01	-1.2815e+02
	161	0.0000e+00	0.0000e+00	0.0000e+00	-2.7693e+02	2.4581e+01	-1.0630e+02
2364	159	0.0000e+00	0.0000e+00	0.0000e+00	-2.4414e+02	-5.7720e+01	-1.4493e+02
	170	0.0000e+00	0.0000e+00	0.0000e+00	-1.0874e+02	-7.3305e+01	-1.6153e+02
	171	0.0000e+00	0.0000e+00	0.0000e+00	-1.2767e+02	-2.0058e+01	-1.6660e+02
	160	0.0000e+00	0.0000e+00	0.0000e+00	-2.5438e+02	-2.4732e+01	-1.5000e+02
2365	158	0.0000e+00	0.0000e+00	0.0000e+00	-2.2900e+02	-1.0019e+02	-1.3011e+02
	169	0.0000e+00	0.0000e+00	0.0000e+00	-1.0834e+02	-1.2655e+02	-1.3739e+02
	170	0.0000e+00	0.0000e+00	0.0000e+00	-1.1373e+02	-9.5095e+01	-1.6065e+02
	159	0.0000e+00	0.0000e+00	0.0000e+00	-2.3669e+02	-7.1417e+01	-1.5337e+02
2366	157	0.0000e+00	0.0000e+00	0.0000e+00	-2.2196e+02	-1.2644e+02	-1.0364e+02
	168	0.0000e+00	0.0000e+00	0.0000e+00	-1.1298e+02	-1.5466e+02	-1.0534e+02
	169	0.0000e+00	0.0000e+00	0.0000e+00	-1.1170e+02	-1.4070e+02	-1.3396e+02
	158	0.0000e+00	0.0000e+00	0.0000e+00	-2.2652e+02	-1.0714e+02	-1.3228e+02
2367	156	0.0000e+00	0.0000e+00	0.0000e+00	-2.1985e+02	-1.3561e+02	-7.5951e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-1.1633e+02	-1.6240e+02	-7.5991e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-1.1432e+02	-1.6104e+02	-1.0320e+02
	157	0.0000e+00	0.0000e+00	0.0000e+00	-2.2197e+02	-1.2854e+02	-1.0316e+02
2368	155	0.0000e+00	0.0000e+00	0.0000e+00	-2.1946e+02	-1.2602e+02	-5.3467e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	-1.1739e+02	-1.4906e+02	-5.2941e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-1.1541e+02	-1.6109e+02	-7.5319e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	-2.2051e+02	-1.3377e+02	-7.5766e+01
2369	154	0.0000e+00	0.0000e+00	0.0000e+00	-2.2610e+02	-9.3828e+01	-4.2030e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-1.1202e+02	-1.0746e+02	-3.9974e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	-1.1368e+02	-1.4002e+02	-5.4638e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	-2.2063e+02	-1.1801e+02	-5.6595e+01
2370	153	0.0000e+00	0.0000e+00	0.0000e+00	-1.8947e+02	-2.9060e+01	-4.1148e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	-1.5171e+02	-3.6190e+01	-3.6101e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-1.0845e+02	-8.3181e+01	-3.8333e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	-2.2497e+02	-8.4418e+01	-4.3430e+01
2371	152	0.0000e+00	0.0000e+00	0.0000e+00	-5.3181e+02	3.4037e+01	-8.3032e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	2.2512e+02	1.0605e+02	-8.5556e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	-1.2372e+02	-4.8368e+01	-9.5832e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	-2.0749e+02	4.6478e+01	-9.3326e+01
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	-4.5084e+02	-3.5830e+01	-7.2055e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-3.1693e+02	7.4230e+00	-7.6263e+01
	162	0.0000e+00	0.0000e+00	0.0000e+00	-3.2709e+02	2.2083e+01	-3.1658e+01
	151	0.0000e+00	0.0000e+00	0.0000e+00	-4.4856e+02	-3.2495e+01	-2.7422e+01
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	-4.4119e+02	-4.0613e+01	-1.1862e+02
	160	0.0000e+00	0.0000e+00	0.0000e+00	-3.0442e+02	-2.8366e+01	-1.2874e+02
	161	0.0000e+00	0.0000e+00	0.0000e+00	-3.2096e+02	3.7425e+00	-1.0502e+02
	150	0.0000e+00	0.0000e+00	0.0000e+00	-4.4345e+02	-3.8658e+01	-9.4889e+01
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	-4.2225e+02	-5.5881e+01	-1.2994e+02
	159	0.0000e+00	0.0000e+00	0.0000e+00	-2.9172e+02	-6.6321e+01	-1.4372e+02
	160	0.0000e+00	0.0000e+00	0.0000e+00	-3.0888e+02	-3.7947e+01	-1.4527e+02
	149	0.0000e+00	0.0000e+00	0.0000e+00	-4.3055e+02	-4.5345e+01	-1.3149e+02
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	-4.0065e+02	-7.7640e+01	-1.1712e+02
	158	0.0000e+00	0.0000e+00	0.0000e+00	-2.8167e+02	-9.9276e+01	-1.3050e+02
	159	0.0000e+00	0.0000e+00	0.0000e+00	-2.9397e+02	-7.7818e+01	-1.4885e+02
	148	0.0000e+00	0.0000e+00	0.0000e+00	-4.1296e+02	-6.0873e+01	-1.3550e+02
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	-3.8343e+02	-9.7614e+01	-9.4529e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-2.7490e+02	-1.2254e+02	-1.0438e+02
	158	0.0000e+00	0.0000e+00	0.0000e+00	-2.8188e+02	-1.0959e+02	-1.2939e+02
	147	0.0000e+00	0.0000e+00	0.0000e+00	-3.9453e+02	-8.1786e+01	-1.1956e+02

2377 145 0.0000e+00 0.0000e+00 0.0000e+00 -3.7372e+02 -1.0868e+02 -7.1196e+01  
156 0.0000e+00 0.0000e+00 0.0000e+00 -2.7110e+02 -1.3291e+02 -7.6421e+01  
157 0.0000e+00 0.0000e+00 0.0000e+00 -2.7398e+02 -1.2898e+02 -1.0141e+02  
146 0.0000e+00 0.0000e+00 0.0000e+00 -3.8043e+02 -9.9945e+01 -9.6192e+01

2378 144 0.0000e+00 0.0000e+00 0.0000e+00 -3.7023e+02 -1.0604e+02 -5.2412e+01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -2.7035e+02 -1.2656e+02 -5.3454e+01  
156 0.0000e+00 0.0000e+00 0.0000e+00 -2.6940e+02 -1.3375e+02 -7.4165e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -3.7309e+02 -1.0833e+02 -7.3125e+01

2379 143 0.0000e+00 0.0000e+00 0.0000e+00 -3.7555e+02 -8.6156e+01 -4.2982e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -2.6629e+02 -9.7662e+01 -4.1304e+01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -2.6707e+02 -1.2154e+02 -5.4437e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -3.7142e+02 -1.0092e+02 -5.6211e+01

2380 142 0.0000e+00 0.0000e+00 0.0000e+00 -3.4186e+02 -3.8417e+01 -4.2253e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -3.0414e+02 -4.4756e+01 -3.8286e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -2.6347e+02 -8.0393e+01 -4.0437e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -3.7495e+02 -8.0654e+01 -4.4481e+01

2381 141 0.0000e+00 0.0000e+00 0.0000e+00 -6.4818e+02 1.5748e+01 -7.6917e+01  
152 0.0000e+00 0.0000e+00 0.0000e+00 5.8670e+01 7.3560e+01 -7.8198e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -2.7929e+02 -5.9845e+01 -8.9793e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -3.5786e+02 2.5632e+01 -8.8514e+01

2382 139 0.0000e+00 0.0000e+00 0.0000e+00 -6.3284e+02 -1.0495e+02 -7.0867e+01  
150 0.0000e+00 0.0000e+00 0.0000e+00 -4.8303e+02 -6.6619e+01 -6.9990e+01  
151 0.0000e+00 0.0000e+00 0.0000e+00 -4.8888e+02 -6.4942e+01 -2.8035e+01  
140 0.0000e+00 0.0000e+00 0.0000e+00 -6.2590e+02 -1.1807e+02 -2.8872e+01

2383 138 0.0000e+00 0.0000e+00 0.0000e+00 -6.2461e+02 -6.5675e+01 -1.0871e+02  
149 0.0000e+00 0.0000e+00 0.0000e+00 -4.8074e+02 -6.0289e+01 -1.1224e+02  
150 0.0000e+00 0.0000e+00 0.0000e+00 -4.8971e+02 -6.1510e+01 -9.6359e+01  
139 0.0000e+00 0.0000e+00 0.0000e+00 -6.2296e+02 -9.0642e+01 -9.2816e+01

2384 137 0.0000e+00 0.0000e+00 0.0000e+00 -5.9428e+02 -5.2257e+01 -1.0568e+02  
148 0.0000e+00 0.0000e+00 0.0000e+00 -4.6928e+02 -6.2085e+01 -1.2281e+02  
149 0.0000e+00 0.0000e+00 0.0000e+00 -4.8430e+02 -5.9280e+01 -1.3027e+02  
138 0.0000e+00 0.0000e+00 0.0000e+00 -6.1125e+02 -5.3791e+01 -1.1317e+02

2385 136 0.0000e+00 0.0000e+00 0.0000e+00 -5.5547e+02 -6.2321e+01 -8.9254e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -4.5010e+02 -7.6489e+01 -1.1250e+02  
148 0.0000e+00 0.0000e+00 0.0000e+00 -4.6697e+02 -6.8816e+01 -1.2999e+02  
137 0.0000e+00 0.0000e+00 0.0000e+00 -5.8144e+02 -4.8101e+01 -1.0680e+02

2386 135 0.0000e+00 0.0000e+00 0.0000e+00 -5.2345e+02 -7.9554e+01 -7.3642e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -4.3155e+02 -9.4649e+01 -9.3157e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -4.4532e+02 -8.6045e+01 -1.1226e+02  
136 0.0000e+00 0.0000e+00 0.0000e+00 -5.4550e+02 -6.3382e+01 -9.2794e+01

2387 134 0.0000e+00 0.0000e+00 0.0000e+00 -5.0516e+02 -9.1408e+01 -6.1159e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -4.1970e+02 -1.0693e+02 -7.2064e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -4.2754e+02 -1.0193e+02 -8.9915e+01  
135 0.0000e+00 0.0000e+00 0.0000e+00 -5.1734e+02 -8.1590e+01 -7.9027e+01

2388 133 0.0000e+00 0.0000e+00 0.0000e+00 -4.9978e+02 -9.1474e+01 -5.1019e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -4.1592e+02 -1.0694e+02 -5.3587e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -4.1736e+02 -1.0921e+02 -6.9023e+01  
134 0.0000e+00 0.0000e+00 0.0000e+00 -5.0281e+02 -9.2019e+01 -6.6546e+01

2389 132 0.0000e+00 0.0000e+00 0.0000e+00 -5.0643e+02 -7.8312e+01 -4.4245e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -4.1199e+02 -8.9593e+01 -4.2597e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -4.1370e+02 -1.0423e+02 -5.3808e+01  
133 0.0000e+00 0.0000e+00 0.0000e+00 -5.0056e+02 -8.9028e+01 -5.5769e+01

2390 131 0.0000e+00 0.0000e+00 0.0000e+00 -4.7748e+02 -4.5566e+01 -4.2132e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -4.4494e+02 -5.2275e+01 -3.9495e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -4.0996e+02 -7.7311e+01 -4.1822e+01  
132 0.0000e+00 0.0000e+00 0.0000e+00 -5.0663e+02 -7.7302e+01 -4.4575e+01

2391 130 0.0000e+00 0.0000e+00 0.0000e+00 -7.4881e+02 -1.8949e+01 -7.4191e+01  
141 0.0000e+00 0.0000e+00 0.0000e+00 -1.7111e+02 4.9785e+01 -7.5427e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -4.2203e+02 -6.8797e+01 -8.4019e+01  
131 0.0000e+00 0.0000e+00 0.0000e+00 -4.9299e+02 6.5216e+00 -8.2777e+01

2392 128 0.0000e+00 0.0000e+00 0.0000e+00 -8.6840e+02 -1.6920e+02 -7.5511e+01  
139 0.0000e+00 0.0000e+00 0.0000e+00 -6.6894e+02 -1.3692e+02 -6.9945e+01  
140 0.0000e+00 0.0000e+00 0.0000e+00 -6.7247e+02 -1.5527e+02 -2.5767e+01



	129	0.0000e+00	0.0000e+00	0.0000e+00	-8.5562e+02	-2.1921e+02	-3.1296e+01
2393	127	0.0000e+00	0.0000e+00	0.0000e+00	-8.3055e+02	-6.0209e+01	-8.0991e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-6.7346e+02	-7.4336e+01	-9.2315e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	-6.8320e+02	-1.1422e+02	-9.8914e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-8.4320e+02	-1.1408e+02	-8.7504e+01
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	-7.4638e+02	-4.1841e+01	-4.4046e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-6.4525e+02	-4.7231e+01	-8.8980e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-6.6936e+02	-7.0027e+01	-1.1073e+02
	127	0.0000e+00	0.0000e+00	0.0000e+00	-8.0616e+02	-3.1254e+01	-6.5726e+01
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	-6.6751e+02	-5.8183e+01	-3.1225e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-5.9858e+02	-5.6939e+01	-7.9172e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-6.3004e+02	-5.9142e+01	-9.2933e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-7.2450e+02	-3.4648e+01	-4.5201e+01
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	-6.1127e+02	-7.9786e+01	-3.5226e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	-5.5907e+02	-7.6840e+01	-7.0594e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-5.8442e+02	-7.0945e+01	-7.6504e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-6.5079e+02	-5.9728e+01	-4.1249e+01
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	-5.8188e+02	-9.2120e+01	-4.5556e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-5.3662e+02	-9.1356e+01	-6.3369e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	-5.5047e+02	-8.6261e+01	-6.6020e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-6.0078e+02	-8.2598e+01	-4.8201e+01
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	-5.7744e+02	-8.8429e+01	-5.3801e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-5.3187e+02	-9.3821e+01	-5.5234e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-5.3396e+02	-9.3717e+01	-5.8867e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-5.7752e+02	-9.2972e+01	-5.7579e+01
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	-5.9591e+02	-6.9814e+01	-5.4601e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-5.3361e+02	-8.2381e+01	-4.5902e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-5.3293e+02	-8.9716e+01	-5.3106e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-5.7848e+02	-8.6956e+01	-6.2356e+01
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	-5.8414e+02	-4.4013e+01	-4.7208e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-5.6816e+02	-5.8652e+01	-3.9070e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-5.3533e+02	-7.0591e+01	-4.3660e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-5.9901e+02	-7.3066e+01	-5.2299e+01
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	-8.3116e+02	-4.6702e+01	-7.7671e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-3.2681e+02	2.7338e+01	-7.6395e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-5.4589e+02	-7.7167e+01	-7.8065e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-6.0513e+02	-1.6239e+01	-7.9298e+01
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	-1.2502e+03	-2.5443e+02	-5.4343e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-9.0554e+02	-1.9933e+02	-6.9358e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	-9.2033e+02	-2.7551e+02	-3.1806e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-1.2654e+03	-3.0174e+02	-1.6785e+01
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	-1.0070e+03	-2.1149e+01	7.1048e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-9.0478e+02	-2.5687e+01	-3.4364e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-9.4577e+02	-1.4256e+02	-1.1106e+02
	116	0.0000e+00	0.0000e+00	0.0000e+00	-1.1529e+03	2.3455e+01	-1.8602e+01
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	-8.1186e+02	-3.2360e+01	1.0447e+02
	126	0.0000e+00	0.0000e+00	0.0000e+00	-7.9533e+02	2.3903e+01	-1.5485e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-8.5841e+02	-5.2483e+01	-3.7507e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-9.6268e+02	1.9998e+01	8.2478e+01
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	-6.8078e+02	-7.4132e+01	7.0482e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-6.8964e+02	-5.0997e+01	-1.6217e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-7.5272e+02	-4.9181e+01	-9.5681e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	-7.7505e+02	-5.1752e+01	8.1941e+01
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	-5.9872e+02	-1.0834e+02	2.3048e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-6.1941e+02	-7.9685e+01	-3.1153e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-6.6235e+02	-7.1295e+01	-9.1309e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	-6.5490e+02	-9.1980e+01	4.5990e+01
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	-5.5668e+02	-1.2490e+02	-2.5003e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-5.8412e+02	-9.5243e+01	-5.0762e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-6.0552e+02	-9.1126e+01	-2.5690e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	-5.8279e+02	-1.1507e+02	-1.8101e+00
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	-5.5071e+02	-1.1843e+02	-6.6491e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-5.8085e+02	-9.3132e+01	-6.6417e+01

123 0.0000e+00 0.0000e+00 0.0000e+00 -5.8182e+02 -9.6881e+01 -4.5100e+01  
106 0.0000e+00 0.0000e+00 0.0000e+00 -5.4939e+02 -1.1692e+02 -4.5186e+01  
2409 102 0.0000e+00 0.0000e+00 0.0000e+00 -5.8726e+02 -8.5765e+01 -9.3649e+01  
121 0.0000e+00 0.0000e+00 0.0000e+00 -5.9927e+02 -7.5379e+01 -6.9144e+01  
122 0.0000e+00 0.0000e+00 0.0000e+00 -5.8939e+02 -8.4658e+01 -5.9760e+01  
104 0.0000e+00 0.0000e+00 0.0000e+00 -5.5128e+02 -9.4617e+01 -8.4374e+01  
2410 100 0.0000e+00 0.0000e+00 0.0000e+00 -6.2411e+02 -3.4408e+01 -8.8522e+01  
120 0.0000e+00 0.0000e+00 0.0000e+00 -6.5950e+02 -5.8231e+01 -5.0447e+01  
121 0.0000e+00 0.0000e+00 0.0000e+00 -6.1721e+02 -5.5296e+01 -5.9034e+01  
102 0.0000e+00 0.0000e+00 0.0000e+00 -5.9342e+02 -5.9971e+01 -9.7857e+01  
2411 99 0.0000e+00 0.0000e+00 0.0000e+00 -9.0188e+02 -9.1581e+01 -1.0492e+02  
119 0.0000e+00 0.0000e+00 0.0000e+00 -4.5383e+02 -3.3843e+01 -8.2064e+01  
120 0.0000e+00 0.0000e+00 0.0000e+00 -6.4726e+02 -7.8169e+01 -8.4423e+01  
100 0.0000e+00 0.0000e+00 0.0000e+00 -6.6140e+02 -1.2772e+01 -1.0734e+02  
2412 117 0.0000e+00 0.0000e+00 0.0000e+00 -1.4036e+03 3.7666e+02 7.9484e+02  
116 0.0000e+00 0.0000e+00 0.0000e+00 -1.6833e+03 -8.5039e+01 1.3740e+02  
118 0.0000e+00 0.0000e+00 0.0000e+00 -1.0327e+03 -4.8761e+02 -1.5493e+02  
2 0.0000e+00 0.0000e+00 0.0000e+00 -3.2636e+03 -3.2091e+02 5.0273e+02  
2413 115 0.0000e+00 0.0000e+00 0.0000e+00 -9.0522e+02 8.0566e+01 4.6576e+02  
114 0.0000e+00 0.0000e+00 0.0000e+00 -1.0923e+03 9.8199e+01 1.2181e+02  
116 0.0000e+00 0.0000e+00 0.0000e+00 -1.4504e+03 -7.2342e+01 1.6286e+02  
117 0.0000e+00 0.0000e+00 0.0000e+00 -1.1784e+03 -5.8939e+01 5.0692e+02  
2414 113 0.0000e+00 0.0000e+00 0.0000e+00 -6.6245e+02 -1.6489e+02 3.0706e+02  
112 0.0000e+00 0.0000e+00 0.0000e+00 -7.9298e+02 2.4722e+01 1.2530e+02  
114 0.0000e+00 0.0000e+00 0.0000e+00 -9.8532e+02 -2.1799e+01 1.9492e+02  
115 0.0000e+00 0.0000e+00 0.0000e+00 -8.0370e+02 -3.3725e+01 3.7670e+02  
2415 111 0.0000e+00 0.0000e+00 0.0000e+00 -5.1994e+02 -2.0048e+02 1.8854e+02  
110 0.0000e+00 0.0000e+00 0.0000e+00 -6.3645e+02 -8.0586e+01 8.1283e+01  
112 0.0000e+00 0.0000e+00 0.0000e+00 -7.5063e+02 -6.4177e+01 1.4708e+02  
113 0.0000e+00 0.0000e+00 0.0000e+00 -6.0265e+02 -8.3905e+01 2.5435e+02  
2416 109 0.0000e+00 0.0000e+00 0.0000e+00 -4.3033e+02 -2.0346e+02 9.2286e+01  
108 0.0000e+00 0.0000e+00 0.0000e+00 -5.4902e+02 -1.1694e+02 2.7774e+01  
110 0.0000e+00 0.0000e+00 0.0000e+00 -6.1455e+02 -1.0453e+02 8.7251e+01  
111 0.0000e+00 0.0000e+00 0.0000e+00 -4.8332e+02 -1.4466e+02 1.5182e+02  
2417 107 0.0000e+00 0.0000e+00 0.0000e+00 -3.7432e+02 -1.7819e+02 9.3204e+00  
106 0.0000e+00 0.0000e+00 0.0000e+00 -5.0665e+02 -1.3022e+02 -2.5163e+01  
108 0.0000e+00 0.0000e+00 0.0000e+00 -5.3413e+02 -1.2837e+02 2.9334e+01  
109 0.0000e+00 0.0000e+00 0.0000e+00 -4.0874e+02 -1.9569e+02 6.3022e+01  
2418 105 0.0000e+00 0.0000e+00 0.0000e+00 -3.4595e+02 -1.2389e+02 -6.7983e+01  
104 0.0000e+00 0.0000e+00 0.0000e+00 -5.0344e+02 -1.1897e+02 -7.3115e+01  
106 0.0000e+00 0.0000e+00 0.0000e+00 -4.9346e+02 -1.2993e+02 -2.2630e+01  
107 0.0000e+00 0.0000e+00 0.0000e+00 -3.6532e+02 -2.3206e+02 -1.7576e+01  
2419 103 0.0000e+00 0.0000e+00 0.0000e+00 -3.4981e+02 -3.9789e+01 -1.4370e+02  
102 0.0000e+00 0.0000e+00 0.0000e+00 -5.4687e+02 -8.2452e+01 -1.1387e+02  
104 0.0000e+00 0.0000e+00 0.0000e+00 -4.9131e+02 -1.0360e+02 -6.4988e+01  
105 0.0000e+00 0.0000e+00 0.0000e+00 -3.5062e+02 -2.4827e+02 -9.4831e+01  
2420 101 0.0000e+00 0.0000e+00 0.0000e+00 -4.0019e+02 6.8255e+01 -2.1984e+02  
100 0.0000e+00 0.0000e+00 0.0000e+00 -6.9239e+02 -4.4537e+01 -1.2596e+02  
102 0.0000e+00 0.0000e+00 0.0000e+00 -5.4776e+02 -4.0992e+01 -8.5003e+01  
103 0.0000e+00 0.0000e+00 0.0000e+00 -3.7261e+02 -2.3352e+02 -1.7884e+02  
2421 1 0.0000e+00 0.0000e+00 0.0000e+00 -1.0362e+03 1.1708e+02 -2.5515e+02  
99 0.0000e+00 0.0000e+00 0.0000e+00 -4.8800e+02 -8.3494e+01 -7.3488e+01  
100 0.0000e+00 0.0000e+00 0.0000e+00 -7.1314e+02 -2.7392e+01 -1.3279e+02  
101 0.0000e+00 0.0000e+00 0.0000e+00 -4.6883e+02 -9.5590e+01 -3.1500e+02

## SFORZI "Dinamica SLVh Y" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	8.0762e+01	-1.0120e+01	4.5497e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	1.9063e+01	3.9170e+02	-3.1279e+01
	84	0.0000e+00	0.0000e+00	0.0000e+00	-1.0286e+02	2.4219e+01	-1.5513e+02
	29	0.0000e+00	0.0000e+00	0.0000e+00	9.4003e+01	6.6399e+02	-9.6762e+01
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	3.1698e+01	4.5298e+00	-2.1154e+01

	1892	0.0000e+00	0.0000e+00	0.0000e+00	4.4076e+01	2.4539e+02	-1.8109e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-3.7224e+00	2.4325e+02	2.0261e+01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	8.3242e+01	4.7132e+02	-2.2263e+01
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	2.6312e+00	-7.3415e+01	-2.4311e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	3.3758e+01	1.3455e+02	-2.6453e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-1.7334e+01	1.5976e+02	-2.1768e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	4.6495e+01	3.4800e+02	-2.0455e+01
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	-1.8471e+01	-1.6779e+02	-2.3723e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	2.6421e+01	2.9832e+01	-3.0295e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-2.5216e+01	5.5326e+01	-2.9346e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	1.8866e+01	2.4825e+02	-2.3191e+01
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	-3.7070e+01	-2.7419e+02	-1.8524e+01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	2.1339e+01	-7.6290e+01	-2.5381e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-3.2209e+01	-4.9988e+01	-2.9900e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	2.0079e+00	1.5699e+02	-2.2846e+01
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	-6.5762e+01	-3.9623e+02	-1.0655e+01
	1888	0.0000e+00	0.0000e+00	0.0000e+00	1.5276e+01	-1.8887e+02	-1.2338e+01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-4.1564e+01	-1.6112e+02	-2.1482e+01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.7574e+01	7.0634e+01	-1.7824e+01
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.0423e+02	-5.4933e+02	1.5743e+01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	5.1095e-01	-2.8837e+02	1.6500e+01
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-5.4259e+01	-2.8552e+02	1.0850e+01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-4.7877e+01	-3.7556e+00	-1.0524e+01
681	83	0.0000e+00	0.0000e+00	0.0000e+00	-1.1964e+02	-7.8170e+02	-7.7364e+01
	83	0.0000e+00	0.0000e+00	0.0000e+00	1.1444e+02	-7.9158e+01	-1.3967e+02
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-2.9724e+01	-4.5746e+02	-1.9892e+01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-9.7119e+01	-5.9483e+00	4.6220e+01
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	9.7141e+01	5.8819e+00	4.6179e+01
	1886	0.0000e+00	0.0000e+00	0.0000e+00	2.9750e+01	4.5747e+02	-1.9864e+01
	83	0.0000e+00	0.0000e+00	0.0000e+00	-1.1447e+02	7.9196e+01	-1.3967e+02
	28	0.0000e+00	0.0000e+00	0.0000e+00	1.1972e+02	7.8180e+02	-7.7351e+01
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	4.7896e+01	3.6912e+00	-1.0437e+01
	1885	0.0000e+00	0.0000e+00	0.0000e+00	5.4273e+01	2.8549e+02	1.0784e+01
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-4.9789e-01	2.8835e+02	1.6445e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	1.0426e+02	5.4936e+02	1.5676e+01
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	1.7594e+01	-7.0703e+01	-1.7773e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	4.1573e+01	1.6107e+02	-2.1437e+01
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-1.5275e+01	1.8882e+02	-1.2268e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	6.5785e+01	3.9622e+02	-1.0578e+01
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	-2.0363e+00	-1.5704e+02	-2.2804e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	3.2215e+01	4.9929e+01	-2.9857e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	-2.1334e+01	7.6231e+01	-2.5338e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	3.7090e+01	2.7414e+02	-1.8477e+01
686	1650	0.0000e+00	0.0000e+00	0.0000e+00	-1.8851e+01	-2.4827e+02	-2.3156e+01
	1882	0.0000e+00	0.0000e+00	0.0000e+00	2.5218e+01	-5.5382e+01	-2.9304e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	-2.6412e+01	-2.9891e+01	-3.0250e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	1.8491e+01	1.6772e+02	-2.3681e+01
687	1649	0.0000e+00	0.0000e+00	0.0000e+00	-4.6470e+01	-3.4796e+02	-2.0458e+01
	1881	0.0000e+00	0.0000e+00	0.0000e+00	1.7335e+01	-1.5979e+02	-2.1759e+01
	1882	0.0000e+00	0.0000e+00	0.0000e+00	-3.3744e+01	-1.3458e+02	-2.6414e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-2.6635e+00	7.3334e+01	-2.4278e+01
688	1648	0.0000e+00	0.0000e+00	0.0000e+00	-8.3195e+01	-4.7120e+02	-2.2334e+01
	1880	0.0000e+00	0.0000e+00	0.0000e+00	3.7445e+00	-2.4323e+02	2.0323e+01
	1881	0.0000e+00	0.0000e+00	0.0000e+00	-4.4051e+01	-2.4540e+02	-1.8126e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-3.1679e+01	-4.5962e+00	-2.1178e+01
689	27	0.0000e+00	0.0000e+00	0.0000e+00	-9.3938e+01	-6.6375e+02	-9.6719e+01
	82	0.0000e+00	0.0000e+00	0.0000e+00	1.0280e+02	-2.4254e+01	-1.5511e+02
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-1.9048e+01	-3.9161e+02	-3.1235e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-8.0723e+01	1.0209e+01	4.5655e+01
690	1879	0.0000e+00	0.0000e+00	0.0000e+00	2.7002e+01	4.0240e+02	3.1488e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	7.4641e+01	9.5244e+00	-3.5158e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.0371e+02	6.9394e+02	8.0536e+01
	73	0.0000e+00	0.0000e+00	0.0000e+00	-1.1183e+02	6.9478e+01	1.3883e+02

691	1878	0.0000e+00	0.0000e+00	0.0000e+00	4.5861e+01	2.4903e+02	1.4267e+01
	880	0.0000e+00	0.0000e+00	0.0000e+00	3.3814e+01	-4.4976e+00	1.6696e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	8.1955e+01	4.8552e+02	1.2919e+01
	1879	0.0000e+00	0.0000e+00	0.0000e+00	-5.2770e+00	2.5083e+02	9.1919e+00
692	1877	0.0000e+00	0.0000e+00	0.0000e+00	3.4919e+01	1.3575e+02	3.1234e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	4.3084e+00	-7.6407e+01	2.8539e+01
	880	0.0000e+00	0.0000e+00	0.0000e+00	5.0066e+01	3.5207e+02	1.9488e+01
	1878	0.0000e+00	0.0000e+00	0.0000e+00	-1.7234e+01	1.6160e+02	2.1817e+01
693	1876	0.0000e+00	0.0000e+00	0.0000e+00	2.6529e+01	2.9011e+01	3.6357e+01
	876	0.0000e+00	0.0000e+00	0.0000e+00	-1.9481e+01	-1.6675e+02	3.1015e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	2.1638e+01	2.4712e+02	2.9285e+01
	1877	0.0000e+00	0.0000e+00	0.0000e+00	-2.4965e+01	5.5720e+01	3.4569e+01
694	1875	0.0000e+00	0.0000e+00	0.0000e+00	2.0345e+01	-7.8378e+01	2.9290e+01
	874	0.0000e+00	0.0000e+00	0.0000e+00	-4.3063e+01	-2.7177e+02	2.3624e+01
	876	0.0000e+00	0.0000e+00	0.0000e+00	-2.1083e+00	1.5591e+02	3.0079e+01
	1876	0.0000e+00	0.0000e+00	0.0000e+00	-3.2912e+01	-5.0731e+01	3.5764e+01
695	1874	0.0000e+00	0.0000e+00	0.0000e+00	1.4050e+01	-1.9221e+02	1.0124e+01
	872	0.0000e+00	0.0000e+00	0.0000e+00	-7.3804e+01	-3.9717e+02	6.9212e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	-2.3994e+01	7.2953e+01	2.0853e+01
	1875	0.0000e+00	0.0000e+00	0.0000e+00	-4.3366e+01	-1.6362e+02	2.4685e+01
696	1873	0.0000e+00	0.0000e+00	0.0000e+00	1.0255e+00	-2.9494e+02	-1.5752e+01
	870	0.0000e+00	0.0000e+00	0.0000e+00	-1.0913e+02	-5.5798e+02	-1.7347e+01
	872	0.0000e+00	0.0000e+00	0.0000e+00	-5.5070e+01	2.3344e+00	-5.5275e+00
	1874	0.0000e+00	0.0000e+00	0.0000e+00	-5.6485e+01	-2.9039e+02	-5.2746e+00
697	72	0.0000e+00	0.0000e+00	0.0000e+00	1.0842e+02	-1.1282e+02	1.2426e+02
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.1419e+02	-8.0040e+02	5.9241e+01
	870	0.0000e+00	0.0000e+00	0.0000e+00	-9.8432e+01	-3.9988e+00	-5.2188e+01
	1873	0.0000e+00	0.0000e+00	0.0000e+00	-3.3937e+01	-4.6290e+02	1.4170e+01
698	1872	0.0000e+00	0.0000e+00	0.0000e+00	3.3638e+01	4.6309e+02	1.5039e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	9.7268e+01	3.8167e+00	-5.2025e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.1306e+02	8.0125e+02	5.8938e+01
	72	0.0000e+00	0.0000e+00	0.0000e+00	-1.1103e+02	1.1453e+02	1.2507e+02
699	1871	0.0000e+00	0.0000e+00	0.0000e+00	5.6399e+01	2.9005e+02	-4.8067e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	5.4851e+01	-2.3689e+00	-5.3132e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	1.0841e+02	5.5841e+02	-1.6910e+01
	1872	0.0000e+00	0.0000e+00	0.0000e+00	-1.4473e+00	2.9472e+02	-1.4887e+01
700	1870	0.0000e+00	0.0000e+00	0.0000e+00	4.3383e+01	1.6319e+02	2.4813e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	2.4012e+01	-7.3507e+01	2.0885e+01
	794	0.0000e+00	0.0000e+00	0.0000e+00	7.3707e+01	3.9721e+02	6.9076e+00
	1871	0.0000e+00	0.0000e+00	0.0000e+00	-1.4152e+01	1.9178e+02	1.0251e+01
701	1869	0.0000e+00	0.0000e+00	0.0000e+00	3.2937e+01	5.0239e+01	3.5739e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	2.0800e+00	-1.5634e+02	3.0034e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	4.3120e+01	2.7147e+02	2.3670e+01
	1870	0.0000e+00	0.0000e+00	0.0000e+00	-2.0345e+01	7.7882e+01	2.9362e+01
702	1868	0.0000e+00	0.0000e+00	0.0000e+00	2.4954e+01	-5.6180e+01	3.4416e+01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-2.1555e+01	-2.4728e+02	2.9164e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	1.9555e+01	1.6623e+02	3.0969e+01
	1869	0.0000e+00	0.0000e+00	0.0000e+00	-2.6488e+01	-2.9476e+01	3.6286e+01
703	1867	0.0000e+00	0.0000e+00	0.0000e+00	1.7119e+01	-1.6194e+02	2.1627e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-5.0133e+01	-3.5184e+02	1.9414e+01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-4.2790e+00	7.5793e+01	2.8441e+01
	1868	0.0000e+00	0.0000e+00	0.0000e+00	-3.4881e+01	-1.3610e+02	3.1032e+01
704	1866	0.0000e+00	0.0000e+00	0.0000e+00	4.7805e+00	-2.5088e+02	9.6506e+00
	784	0.0000e+00	0.0000e+00	0.0000e+00	-8.2571e+01	-4.8482e+02	1.3378e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-3.4017e+01	4.3074e+00	1.6777e+01
	1867	0.0000e+00	0.0000e+00	0.0000e+00	-4.5920e+01	-2.4922e+02	1.4098e+01
705	71	0.0000e+00	0.0000e+00	0.0000e+00	1.0869e+02	-6.7789e+01	1.3788e+02
	5	0.0000e+00	0.0000e+00	0.0000e+00	-1.0428e+02	-6.9274e+02	8.0776e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-7.5588e+01	-9.7097e+00	-3.5592e+01
	1866	0.0000e+00	0.0000e+00	0.0000e+00	-2.7157e+01	-4.0199e+02	3.0000e+01
706	1865	0.0000e+00	0.0000e+00	0.0000e+00	-3.3697e+01	3.0459e+02	1.0867e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	7.9631e+01	-7.0000e+01	-7.6750e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.4540e+02	6.2297e+02	7.8476e+01

75 0.0000e+00 0.0000e+00 0.0000e+00 -1.0615e+02 -4.6897e+01 1.3121e+02

707 1864 0.0000e+00 0.0000e+00 0.0000e+00 3.9702e+01 1.9017e+02 -2.5357e+01  
1021 0.0000e+00 0.0000e+00 0.0000e+00 3.2605e+01 -6.1691e+01 -3.6131e+01  
1023 0.0000e+00 0.0000e+00 0.0000e+00 7.5861e+01 4.3219e+02 -4.1902e+01  
1865 0.0000e+00 0.0000e+00 0.0000e+00 -1.7853e+01 1.8808e+02 -3.0914e+01

708 1863 0.0000e+00 0.0000e+00 0.0000e+00 3.0500e+01 8.2204e+01 -1.4916e+01  
1019 0.0000e+00 0.0000e+00 0.0000e+00 1.7083e+01 -1.2746e+02 -1.8981e+01  
1021 0.0000e+00 0.0000e+00 0.0000e+00 4.2073e+01 3.0723e+02 -2.8815e+01  
1864 0.0000e+00 0.0000e+00 0.0000e+00 -1.4948e+01 1.1201e+02 -2.4765e+01

709 1862 0.0000e+00 0.0000e+00 0.0000e+00 2.1821e+01 -2.1618e+01 -9.8098e+00  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -2.7335e+01 -2.1359e+02 -1.5443e+01  
1019 0.0000e+00 0.0000e+00 0.0000e+00 2.1155e+01 2.0862e+02 -1.6766e+01  
1863 0.0000e+00 0.0000e+00 0.0000e+00 -2.3449e+01 1.3143e+01 -1.3102e+01

710 1861 0.0000e+00 0.0000e+00 0.0000e+00 1.5477e+01 -1.2129e+02 -2.0954e+01  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -4.6735e+01 -3.1443e+02 -2.7993e+01  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -1.8258e+01 1.2344e+02 -1.7522e+01  
1862 0.0000e+00 0.0000e+00 0.0000e+00 -3.1642e+01 -9.1605e+01 -1.1385e+01

711 1860 0.0000e+00 0.0000e+00 0.0000e+00 2.3523e+01 -1.9595e+02 -2.6661e+01  
1013 0.0000e+00 0.0000e+00 0.0000e+00 -6.7010e+01 -4.3976e+02 -4.2818e+01  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -3.4724e+01 5.4537e+01 -3.7469e+01  
1861 0.0000e+00 0.0000e+00 0.0000e+00 -3.6275e+01 -1.9946e+02 -2.1915e+01

712 74 0.0000e+00 0.0000e+00 0.0000e+00 1.3979e+02 3.0986e+01 1.4788e+02  
8 0.0000e+00 0.0000e+00 0.0000e+00 -9.3310e+01 -6.2126e+02 5.4411e+01  
1013 0.0000e+00 0.0000e+00 0.0000e+00 -6.3125e+01 4.9305e+01 -8.6396e+01  
1860 0.0000e+00 0.0000e+00 0.0000e+00 3.1961e+01 -3.0665e+02 1.9132e+01

713 1599 0.0000e+00 0.0000e+00 0.0000e+00 9.2055e+01 -6.8387e+01 1.0238e+02  
1859 0.0000e+00 0.0000e+00 0.0000e+00 -4.0858e+01 2.8012e+02 -3.1503e+01  
86 0.0000e+00 0.0000e+00 0.0000e+00 -8.5475e+01 -1.1153e+02 -1.4966e+02  
31 0.0000e+00 0.0000e+00 0.0000e+00 1.4758e+02 5.7809e+02 -8.4618e+01

714 1598 0.0000e+00 0.0000e+00 0.0000e+00 4.0884e+01 -5.7527e+01 4.9270e+01  
1858 0.0000e+00 0.0000e+00 0.0000e+00 3.8436e+01 1.9065e+02 3.8602e+01  
1859 0.0000e+00 0.0000e+00 0.0000e+00 -2.1973e+01 1.7958e+02 4.8391e+01  
1599 0.0000e+00 0.0000e+00 0.0000e+00 8.7256e+01 4.0865e+02 5.8951e+01

715 1597 0.0000e+00 0.0000e+00 0.0000e+00 1.4293e+01 -1.2043e+02 2.7068e+01  
1857 0.0000e+00 0.0000e+00 0.0000e+00 3.1040e+01 8.6065e+01 2.4631e+01  
1858 0.0000e+00 0.0000e+00 0.0000e+00 -1.2270e+01 1.1490e+02 3.8665e+01  
1598 0.0000e+00 0.0000e+00 0.0000e+00 4.9105e+01 2.9354e+02 4.1277e+01

716 1596 0.0000e+00 0.0000e+00 0.0000e+00 -1.8390e+01 -2.0405e+02 1.4023e+01  
1856 0.0000e+00 0.0000e+00 0.0000e+00 2.1812e+01 -2.1584e+01 1.1816e+01  
1857 0.0000e+00 0.0000e+00 0.0000e+00 -2.0895e+01 2.3390e+01 2.1792e+01  
1597 0.0000e+00 0.0000e+00 0.0000e+00 2.2870e+01 2.0092e+02 2.3466e+01

717 1595 0.0000e+00 0.0000e+00 0.0000e+00 -4.5279e+01 -3.0056e+02 1.5297e+01  
1855 0.0000e+00 0.0000e+00 0.0000e+00 1.2741e+01 -1.1366e+02 1.3551e+01  
1856 0.0000e+00 0.0000e+00 0.0000e+00 -3.0726e+01 -8.4436e+01 1.1215e+01  
1596 0.0000e+00 0.0000e+00 0.0000e+00 -1.1497e+01 1.1996e+02 1.1413e+01

718 1594 0.0000e+00 0.0000e+00 0.0000e+00 -8.7739e+01 -4.2233e+02 2.5444e+01  
1854 0.0000e+00 0.0000e+00 0.0000e+00 1.4312e+01 -1.8460e+02 2.3068e+01  
1855 0.0000e+00 0.0000e+00 0.0000e+00 -4.0796e+01 -1.9046e+02 1.8305e+01  
1595 0.0000e+00 0.0000e+00 0.0000e+00 -3.7406e+01 5.8843e+01 1.8998e+01

719 30 0.0000e+00 0.0000e+00 0.0000e+00 -1.3564e+02 -6.0814e+02 -8.5396e+01  
85 0.0000e+00 0.0000e+00 0.0000e+00 9.5684e+01 7.8790e+01 -1.4533e+02  
1854 0.0000e+00 0.0000e+00 0.0000e+00 2.8075e+01 -2.9781e+02 -8.3763e+00  
1594 0.0000e+00 0.0000e+00 0.0000e+00 -9.4567e+01 7.2824e+01 5.8782e+01

720 1853 0.0000e+00 0.0000e+00 0.0000e+00 -3.2154e+01 3.0752e+02 1.9486e+01  
957 0.0000e+00 0.0000e+00 0.0000e+00 6.2944e+01 -4.9135e+01 -8.6551e+01  
4 0.0000e+00 0.0000e+00 0.0000e+00 9.3843e+01 6.2278e+02 5.3798e+01  
70 0.0000e+00 0.0000e+00 0.0000e+00 -1.4119e+02 -3.1156e+01 1.4828e+02

721 1852 0.0000e+00 0.0000e+00 0.0000e+00 3.6364e+01 1.9983e+02 -2.1683e+01  
955 0.0000e+00 0.0000e+00 0.0000e+00 3.4927e+01 -5.4339e+01 -3.7539e+01  
957 0.0000e+00 0.0000e+00 0.0000e+00 6.7090e+01 4.4055e+02 -4.2849e+01  
1853 0.0000e+00 0.0000e+00 0.0000e+00 -2.3608e+01 1.9647e+02 -2.6429e+01

722 1851 0.0000e+00 0.0000e+00 0.0000e+00 3.1748e+01 9.2047e+01 -1.1168e+01  
953 0.0000e+00 0.0000e+00 0.0000e+00 1.7648e+01 -1.2289e+02 -1.7472e+01

	955	0.0000e+00	0.0000e+00	0.0000e+00	4.7007e+01	3.1471e+02	-2.7983e+01
	1852	0.0000e+00	0.0000e+00	0.0000e+00	-1.5344e+01	1.2170e+02	-2.0857e+01
723	1850	0.0000e+00	0.0000e+00	0.0000e+00	2.3529e+01	-1.2287e+01	-1.2647e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.9462e+01	-2.0738e+02	-1.6373e+01
	953	0.0000e+00	0.0000e+00	0.0000e+00	2.7211e+01	2.1351e+02	-1.5275e+01
	1851	0.0000e+00	0.0000e+00	0.0000e+00	-2.1496e+01	2.2115e+01	-9.6061e+00
724	1849	0.0000e+00	0.0000e+00	0.0000e+00	1.4990e+01	-1.1072e+02	-2.4059e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-4.0536e+01	-3.0498e+02	-2.8074e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-1.5663e+01	1.2723e+02	-1.8467e+01
	1850	0.0000e+00	0.0000e+00	0.0000e+00	-3.0077e+01	-8.1104e+01	-1.4441e+01
725	1848	0.0000e+00	0.0000e+00	0.0000e+00	1.8028e+01	-1.8605e+02	-2.9883e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-7.4828e+01	-4.2866e+02	-4.0699e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-3.1146e+01	6.1574e+01	-3.5273e+01
	1849	0.0000e+00	0.0000e+00	0.0000e+00	-3.9327e+01	-1.8837e+02	-2.4676e+01
726	69	0.0000e+00	0.0000e+00	0.0000e+00	1.0526e+02	5.1862e+01	1.3196e+02
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4712e+02	-6.1802e+02	7.8948e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-7.9113e+01	7.0267e+01	-7.5349e+01
	1848	0.0000e+00	0.0000e+00	0.0000e+00	3.4606e+01	-3.0196e+02	1.0170e+01
727	1557	0.0000e+00	0.0000e+00	0.0000e+00	9.4672e+01	-7.2812e+01	5.8892e+01
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-2.8157e+01	2.9798e+02	-8.3856e+00
	81	0.0000e+00	0.0000e+00	0.0000e+00	-9.5755e+01	-7.8817e+01	-1.4526e+02
	26	0.0000e+00	0.0000e+00	0.0000e+00	1.3609e+02	6.0844e+02	-8.5365e+01
728	1556	0.0000e+00	0.0000e+00	0.0000e+00	3.7497e+01	-5.8780e+01	1.9054e+01
	1846	0.0000e+00	0.0000e+00	0.0000e+00	4.0838e+01	1.9051e+02	1.8285e+01
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-1.4324e+01	1.8467e+02	2.3101e+01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	8.7847e+01	4.2247e+02	2.5535e+01
729	1555	0.0000e+00	0.0000e+00	0.0000e+00	1.1532e+01	-1.1987e+02	1.1263e+01
	1845	0.0000e+00	0.0000e+00	0.0000e+00	3.0753e+01	8.4442e+01	1.1055e+01
	1846	0.0000e+00	0.0000e+00	0.0000e+00	-1.2710e+01	1.1369e+02	1.3541e+01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	4.5374e+01	3.0060e+02	1.5303e+01
730	1554	0.0000e+00	0.0000e+00	0.0000e+00	-2.2774e+01	-2.0074e+02	2.3280e+01
	1844	0.0000e+00	0.0000e+00	0.0000e+00	2.0915e+01	-2.3118e+01	2.1608e+01
	1845	0.0000e+00	0.0000e+00	0.0000e+00	-2.1772e+01	2.1421e+01	1.1632e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	1.8474e+01	2.0402e+02	1.3854e+01
731	1553	0.0000e+00	0.0000e+00	0.0000e+00	-4.8977e+01	-2.9323e+02	4.1097e+01
	1843	0.0000e+00	0.0000e+00	0.0000e+00	1.2286e+01	-1.1470e+02	3.8496e+01
	1844	0.0000e+00	0.0000e+00	0.0000e+00	-3.0988e+01	-8.5881e+01	2.4450e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-1.4238e+01	1.2036e+02	2.6879e+01
732	1552	0.0000e+00	0.0000e+00	0.0000e+00	-8.7095e+01	-4.0817e+02	5.8760e+01
	1842	0.0000e+00	0.0000e+00	0.0000e+00	2.2016e+01	-1.7929e+02	4.8198e+01
	1843	0.0000e+00	0.0000e+00	0.0000e+00	-3.8366e+01	-1.9040e+02	3.8426e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-4.0770e+01	5.7399e+01	4.9096e+01
733	25	0.0000e+00	0.0000e+00	0.0000e+00	-1.4786e+02	-5.7737e+02	-8.4611e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	8.5391e+01	1.1232e+02	-1.4980e+02
	1842	0.0000e+00	0.0000e+00	0.0000e+00	4.1001e+01	-2.7973e+02	-3.1255e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-9.1913e+01	6.8194e+01	1.0225e+02
734	1515	0.0000e+00	0.0000e+00	0.0000e+00	1.6848e+01	4.4446e+02	6.3085e+01
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-4.7204e+01	6.6542e+02	-1.7735e+01
	88	0.0000e+00	0.0000e+00	0.0000e+00	-9.6762e+01	3.1135e+02	-1.5562e+02
	33	0.0000e+00	0.0000e+00	0.0000e+00	-8.4747e+01	8.5720e+02	-9.2348e+01
735	1514	0.0000e+00	0.0000e+00	0.0000e+00	-2.2277e+01	3.9819e+02	3.3891e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	1.7364e+01	5.9708e+02	2.2195e+01
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-3.0178e+01	5.8902e+02	2.4506e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	1.4697e+01	7.8858e+02	3.6271e+01
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	-2.9119e+01	2.9449e+02	2.7841e+01
	1839	0.0000e+00	0.0000e+00	0.0000e+00	2.1128e+01	4.9950e+02	1.5184e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-2.6306e+01	5.2958e+02	1.9602e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-1.4273e+01	7.2043e+02	3.3296e+01
737	1512	0.0000e+00	0.0000e+00	0.0000e+00	-2.5899e+01	1.7483e+02	3.1591e+01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	2.2545e+01	3.9672e+02	1.9545e+01
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-2.9808e+01	4.2959e+02	1.4028e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-1.4672e+01	6.4354e+02	3.0682e+01
738	1511	0.0000e+00	0.0000e+00	0.0000e+00	-2.0141e+01	5.3579e+01	3.7673e+01

	1837	0.0000e+00	0.0000e+00	0.0000e+00	2.4584e+01	2.8893e+02	2.9705e+01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	-3.1194e+01	3.2188e+02	2.1694e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-9.7468e+00	5.5279e+02	3.3394e+01
739	1510	0.0000e+00	0.0000e+00	0.0000e+00	-1.7832e+01	-7.3760e+01	4.4820e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	2.5646e+01	1.7609e+02	4.0909e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	-3.1908e+01	2.0987e+02	3.2335e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-6.4587e+00	4.5079e+02	3.8452e+01
740	1509	0.0000e+00	0.0000e+00	0.0000e+00	-2.4621e+01	-1.9686e+02	5.4032e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	2.4004e+01	5.8703e+01	5.2312e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	-3.4279e+01	9.3735e+01	4.3353e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	6.0264e+00	3.4285e+02	4.5601e+01
741	1508	0.0000e+00	0.0000e+00	0.0000e+00	-4.8037e+01	-3.2947e+02	6.5855e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	1.8379e+01	-7.0905e+01	6.3031e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	-4.1066e+01	-3.6479e+01	5.3883e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-8.4370e+00	2.3639e+02	5.6169e+01
742	1507	0.0000e+00	0.0000e+00	0.0000e+00	-9.4600e+01	-4.8994e+02	7.5902e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	2.6297e+01	-1.8101e+02	6.2175e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	-5.3646e+01	-1.6906e+02	5.8617e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-3.4542e+01	1.4661e+02	7.2283e+01
743	32	0.0000e+00	0.0000e+00	0.0000e+00	-2.7263e+02	-7.2982e+02	-9.4045e+01
	87	0.0000e+00	0.0000e+00	0.0000e+00	1.2844e+02	1.6965e+02	-1.3715e+02
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-6.7841e+01	-3.3558e+02	-5.5209e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-9.7360e+01	1.3662e+02	1.1336e+02
744	1446	0.0000e+00	0.0000e+00	0.0000e+00	1.1218e+02	1.0428e+02	1.1620e+02
	1832	0.0000e+00	0.0000e+00	0.0000e+00	6.7895e+01	5.5549e+02	-4.7395e+01
	87	0.0000e+00	0.0000e+00	0.0000e+00	-1.1617e+02	2.3594e+02	-1.3373e+02
	32	0.0000e+00	0.0000e+00	0.0000e+00	2.5861e+02	8.9003e+02	-7.3279e+01
745	1445	0.0000e+00	0.0000e+00	0.0000e+00	6.1217e+01	9.5154e+01	-5.9914e+01
	1831	0.0000e+00	0.0000e+00	0.0000e+00	5.9353e+01	3.7846e+02	-5.0779e+01
	1832	0.0000e+00	0.0000e+00	0.0000e+00	1.2431e+01	3.8188e+02	5.9727e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	1.2168e+02	6.4188e+02	6.8257e+01
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	2.7212e+01	3.8395e+01	-4.8177e+01
	1830	0.0000e+00	0.0000e+00	0.0000e+00	4.4190e+01	2.5361e+02	-4.9763e+01
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-1.2744e+01	2.8053e+02	-5.4228e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	7.9066e+01	4.8065e+02	-5.3322e+01
747	1443	0.0000e+00	0.0000e+00	0.0000e+00	7.4463e+00	-7.0080e+01	-4.4753e+01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	3.3686e+01	1.4632e+02	-5.0335e+01
	1830	0.0000e+00	0.0000e+00	0.0000e+00	-1.9022e+01	1.6999e+02	-5.1002e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	4.5565e+01	3.5784e+02	-4.6494e+01
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.2061e+01	-1.5681e+02	-4.2646e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	2.7469e+01	5.1521e+01	-5.0494e+01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-2.3927e+01	7.0608e+01	-5.0922e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	2.4364e+01	2.5571e+02	-4.3948e+01
749	1441	0.0000e+00	0.0000e+00	0.0000e+00	-2.7300e+01	-2.5805e+02	-4.0427e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	2.3518e+01	-6.2995e+01	-4.9191e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-2.9244e+01	-4.4597e+01	-5.0320e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	9.8120e+00	1.6535e+02	-4.2167e+01
750	1440	0.0000e+00	0.0000e+00	0.0000e+00	-4.8516e+01	-3.7635e+02	-3.6874e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	1.9956e+01	-1.6711e+02	-4.4681e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	-3.6769e+01	-1.4229e+02	-4.7829e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-9.2381e+00	8.2781e+01	-4.0291e+01
751	1439	0.0000e+00	0.0000e+00	0.0000e+00	-8.3123e+01	-5.2049e+02	-3.1522e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	1.4561e+01	-2.8850e+02	-3.4823e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-4.8888e+01	-2.5896e+02	-4.0816e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-2.8154e+01	-2.9017e+01	-3.7111e+01
752	1438	0.0000e+00	0.0000e+00	0.0000e+00	-1.3098e+02	-7.0956e+02	-3.4749e+01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-9.1715e+00	-4.0923e+02	-2.7429e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	-6.7154e+01	-3.9831e+02	-2.5881e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-6.2487e+01	-8.0837e+01	-3.2859e+01
753	31	0.0000e+00	0.0000e+00	0.0000e+00	-2.5214e+02	-1.0013e+03	-8.7298e+01
	86	0.0000e+00	0.0000e+00	0.0000e+00	1.4260e+02	-2.6075e+02	-1.3910e+02
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-6.7021e+01	-6.1186e+02	-4.2029e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-1.1860e+02	-8.8100e+01	6.0817e+01

754 1823 0.0000e+00 0.0000e+00 0.0000e+00 -1.0379e+02 6.6205e+02 6.1868e+01  
692 0.0000e+00 0.0000e+00 0.0000e+00 -8.7279e+01 4.1548e+02 -1.3081e+02  
11 0.0000e+00 0.0000e+00 0.0000e+00 -2.3600e+02 9.2852e+02 6.0039e+01  
77 0.0000e+00 0.0000e+00 0.0000e+00 -2.1152e+02 4.2895e+02 1.6394e+02

755 1822 0.0000e+00 0.0000e+00 0.0000e+00 3.8170e+01 5.6106e+02 -8.0351e+01  
690 0.0000e+00 0.0000e+00 0.0000e+00 -4.5338e+01 3.5976e+02 -1.0315e+02  
692 0.0000e+00 0.0000e+00 0.0000e+00 -8.3567e+01 7.9797e+02 -9.5915e+01  
1823 0.0000e+00 0.0000e+00 0.0000e+00 -4.3835e+01 5.6345e+02 -7.3396e+01

756 1821 0.0000e+00 0.0000e+00 0.0000e+00 2.9648e+01 4.6275e+02 -8.2084e+01  
688 0.0000e+00 0.0000e+00 0.0000e+00 -2.7867e+01 2.6703e+02 -9.0336e+01  
690 0.0000e+00 0.0000e+00 0.0000e+00 -4.3880e+01 6.9551e+02 -9.5485e+01  
1822 0.0000e+00 0.0000e+00 0.0000e+00 -2.9012e+01 4.9199e+02 -8.6054e+01

757 1820 0.0000e+00 0.0000e+00 0.0000e+00 2.6308e+01 3.6232e+02 -7.4870e+01  
686 0.0000e+00 0.0000e+00 0.0000e+00 -1.8820e+01 1.7302e+02 -8.1054e+01  
688 0.0000e+00 0.0000e+00 0.0000e+00 -2.4715e+01 6.0046e+02 -8.8136e+01  
1821 0.0000e+00 0.0000e+00 0.0000e+00 -2.7783e+01 3.9408e+02 -8.1300e+01

758 1819 0.0000e+00 0.0000e+00 0.0000e+00 2.4461e+01 2.6293e+02 -6.4302e+01  
684 0.0000e+00 0.0000e+00 0.0000e+00 -1.8863e+01 1.0810e+02 -7.0991e+01  
686 0.0000e+00 0.0000e+00 0.0000e+00 -1.0567e+01 5.0468e+02 -7.9237e+01  
1820 0.0000e+00 0.0000e+00 0.0000e+00 -2.9006e+01 2.9370e+02 -7.2622e+01

759 1818 0.0000e+00 0.0000e+00 0.0000e+00 2.2778e+01 1.6968e+02 -5.1292e+01  
682 0.0000e+00 0.0000e+00 0.0000e+00 -2.8934e+01 -1.3462e+02 -5.9553e+01  
684 0.0000e+00 0.0000e+00 0.0000e+00 -4.6354e+00 4.0731e+02 -6.8577e+01  
1819 0.0000e+00 0.0000e+00 0.0000e+00 -3.1267e+01 1.9705e+02 -6.1430e+01

760 1817 0.0000e+00 0.0000e+00 0.0000e+00 2.0159e+01 1.1108e+02 -3.8749e+01  
680 0.0000e+00 0.0000e+00 0.0000e+00 -4.6150e+01 -2.2715e+02 -4.9314e+01  
682 0.0000e+00 0.0000e+00 0.0000e+00 -1.7728e+01 3.1039e+02 -5.6512e+01  
1818 0.0000e+00 0.0000e+00 0.0000e+00 -3.5463e+01 1.2120e+02 -4.8364e+01

761 1816 0.0000e+00 0.0000e+00 0.0000e+00 1.6096e+01 -1.5126e+02 -3.9958e+01  
678 0.0000e+00 0.0000e+00 0.0000e+00 -7.0895e+01 -3.4534e+02 -4.9947e+01  
680 0.0000e+00 0.0000e+00 0.0000e+00 -3.4996e+01 2.1889e+02 -4.6827e+01  
1817 0.0000e+00 0.0000e+00 0.0000e+00 -4.2553e+01 -1.2966e+02 -3.8203e+01

762 1815 0.0000e+00 0.0000e+00 0.0000e+00 2.5272e+01 -2.2326e+02 -4.9344e+01  
676 0.0000e+00 0.0000e+00 0.0000e+00 -1.0398e+02 -4.9212e+02 -6.3661e+01  
678 0.0000e+00 0.0000e+00 0.0000e+00 -5.9417e+01 1.4704e+02 -5.4907e+01  
1816 0.0000e+00 0.0000e+00 0.0000e+00 -4.8373e+01 -2.2833e+02 -4.2506e+01

763 76 0.0000e+00 0.0000e+00 0.0000e+00 1.0003e+02 6.1403e+01 1.2440e+02  
10 0.0000e+00 0.0000e+00 0.0000e+00 -1.3209e+02 -6.9366e+02 4.2096e+01  
676 0.0000e+00 0.0000e+00 0.0000e+00 -9.8671e+01 1.4003e+02 -1.1171e+02  
1815 0.0000e+00 0.0000e+00 0.0000e+00 -3.4551e+01 -3.2565e+02 -1.6982e+01

764 1814 0.0000e+00 0.0000e+00 0.0000e+00 6.0813e+01 5.5931e+02 7.7154e+01  
576 0.0000e+00 0.0000e+00 0.0000e+00 1.1849e+02 7.5502e+01 -1.1749e+02  
10 0.0000e+00 0.0000e+00 0.0000e+00 2.2313e+02 9.1084e+02 1.0044e+02  
76 0.0000e+00 0.0000e+00 0.0000e+00 -1.2469e+02 2.4442e+02 1.1948e+02

765 1813 0.0000e+00 0.0000e+00 0.0000e+00 6.2976e+01 3.7232e+02 6.4625e+01  
574 0.0000e+00 0.0000e+00 0.0000e+00 7.4894e+01 6.9086e+01 7.2654e+01  
576 0.0000e+00 0.0000e+00 0.0000e+00 1.3143e+02 6.4383e+02 -8.4599e+01  
1814 0.0000e+00 0.0000e+00 0.0000e+00 1.0575e+01 3.8069e+02 -7.6638e+01

766 1812 0.0000e+00 0.0000e+00 0.0000e+00 4.6992e+01 2.4511e+02 6.8356e+01  
572 0.0000e+00 0.0000e+00 0.0000e+00 4.5255e+01 1.0515e+01 6.7168e+01  
574 0.0000e+00 0.0000e+00 0.0000e+00 9.3018e+01 4.7105e+02 6.8642e+01  
1813 0.0000e+00 0.0000e+00 0.0000e+00 -1.1350e+01 2.7253e+02 6.9176e+01

767 1811 0.0000e+00 0.0000e+00 0.0000e+00 3.5021e+01 1.3642e+02 7.2652e+01  
570 0.0000e+00 0.0000e+00 0.0000e+00 2.8434e+01 -6.7104e+01 6.8867e+01  
572 0.0000e+00 0.0000e+00 0.0000e+00 6.0561e+01 3.4163e+02 6.7317e+01  
1812 0.0000e+00 0.0000e+00 0.0000e+00 -1.7584e+01 1.6118e+02 7.0764e+01

768 1810 0.0000e+00 0.0000e+00 0.0000e+00 2.6743e+01 3.8956e+01 7.2704e+01  
568 0.0000e+00 0.0000e+00 0.0000e+00 -2.9134e+01 -1.4894e+02 6.8293e+01  
570 0.0000e+00 0.0000e+00 0.0000e+00 3.7557e+01 2.3823e+02 6.9261e+01  
1811 0.0000e+00 0.0000e+00 0.0000e+00 -2.3367e+01 6.0840e+01 7.3553e+01

769 1809 0.0000e+00 0.0000e+00 0.0000e+00 2.0685e+01 -6.4426e+01 6.6246e+01  
566 0.0000e+00 0.0000e+00 0.0000e+00 -4.5999e+01 -2.4446e+02 6.1788e+01  
568 0.0000e+00 0.0000e+00 0.0000e+00 2.5221e+01 1.5117e+02 6.7442e+01



	1810	0.0000e+00	0.0000e+00	0.0000e+00	-3.0382e+01	-4.2059e+01	7.1875e+01
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	1.5596e+01	-1.7025e+02	5.1622e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-7.2050e+01	-3.6040e+02	4.7720e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-3.1945e+01	7.3752e+01	5.9224e+01
	1809	0.0000e+00	0.0000e+00	0.0000e+00	-3.9942e+01	-1.4353e+02	6.3271e+01
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	9.8946e+00	-2.9156e+02	3.0777e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-1.0820e+02	-5.0659e+02	3.0336e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-5.3438e+01	-8.4393e+00	4.3687e+01
	1808	0.0000e+00	0.0000e+00	0.0000e+00	-5.3449e+01	-2.6090e+02	4.5677e+01
772	1806	0.0000e+00	0.0000e+00	0.0000e+00	-8.2113e+00	-4.1091e+02	-3.0170e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-1.4906e+02	-6.9993e+02	-4.0320e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-8.6867e+01	-6.5951e+01	3.1498e+01
	1807	0.0000e+00	0.0000e+00	0.0000e+00	-7.0053e+01	-4.0209e+02	2.2854e+01
773	75	0.0000e+00	0.0000e+00	0.0000e+00	1.0648e+02	-2.5161e+02	1.2051e+02
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.8030e+02	-9.8584e+02	5.7162e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-1.3224e+02	-7.7194e+01	-8.6427e+01
	1806	0.0000e+00	0.0000e+00	0.0000e+00	-5.5997e+01	-5.9803e+02	1.9314e+01
774	1805	0.0000e+00	0.0000e+00	0.0000e+00	6.9540e+01	5.9339e+02	1.0908e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	1.4871e+02	6.1677e+01	-5.7416e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	2.2677e+02	9.8273e+02	7.2285e+01
	74	0.0000e+00	0.0000e+00	0.0000e+00	-7.7508e+01	2.4745e+02	1.0525e+02
775	1804	0.0000e+00	0.0000e+00	0.0000e+00	7.2193e+01	3.9494e+02	2.2069e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	8.3833e+01	6.3787e+01	3.1880e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	1.5711e+02	6.8964e+02	-2.7968e+01
	1805	0.0000e+00	0.0000e+00	0.0000e+00	1.2692e+01	4.0518e+02	-2.1132e+01
776	1803	0.0000e+00	0.0000e+00	0.0000e+00	5.2148e+01	2.5666e+02	5.1116e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	4.6035e+01	6.0169e+00	5.0325e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	1.0326e+02	4.9797e+02	3.3725e+01
	1804	0.0000e+00	0.0000e+00	0.0000e+00	-7.9643e+00	2.8672e+02	3.3998e+01
777	1802	0.0000e+00	0.0000e+00	0.0000e+00	3.8239e+01	1.4267e+02	6.7811e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	2.1103e+01	-6.6900e+01	6.3788e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	6.4897e+01	3.5472e+02	5.3619e+01
	1803	0.0000e+00	0.0000e+00	0.0000e+00	-1.4299e+01	1.6848e+02	5.7583e+01
778	1801	0.0000e+00	0.0000e+00	0.0000e+00	2.8843e+01	4.3263e+01	7.3811e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	-6.4833e+00	-1.4054e+02	6.9268e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	3.7868e+01	2.4125e+02	6.5879e+01
	1802	0.0000e+00	0.0000e+00	0.0000e+00	-1.9050e+01	6.5566e+01	7.0419e+01
779	1800	0.0000e+00	0.0000e+00	0.0000e+00	2.1907e+01	-5.1052e+01	7.0941e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-2.4239e+01	-2.2217e+02	6.6764e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	1.5761e+01	1.4771e+02	6.9664e+01
	1801	0.0000e+00	0.0000e+00	0.0000e+00	-2.4472e+01	-2.9527e+01	7.3846e+01
780	1799	0.0000e+00	0.0000e+00	0.0000e+00	1.6011e+01	-1.4726e+02	5.8554e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-4.9405e+01	-3.1801e+02	5.5360e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-9.1266e+00	6.7661e+01	6.5296e+01
	1800	0.0000e+00	0.0000e+00	0.0000e+00	-3.2066e+01	-1.2369e+02	6.8505e+01
781	1798	0.0000e+00	0.0000e+00	0.0000e+00	9.7157e+00	-2.5222e+02	3.4400e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	-8.3273e+01	-4.3735e+02	3.3470e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-3.2590e+01	-5.7407e+00	5.1737e+01
	1799	0.0000e+00	0.0000e+00	0.0000e+00	-4.3378e+01	-2.2638e+02	5.2772e+01
782	1797	0.0000e+00	0.0000e+00	0.0000e+00	-4.8009e+00	-3.5017e+02	6.8365e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-1.2235e+02	-5.9687e+02	1.0354e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	-6.6075e+01	-6.2182e+01	2.5611e+01
	1798	0.0000e+00	0.0000e+00	0.0000e+00	-5.8069e+01	-3.4607e+02	2.4163e+01
783	73	0.0000e+00	0.0000e+00	0.0000e+00	9.7662e+01	-1.7845e+02	1.3441e+02
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.3041e+02	-8.4286e+02	7.1527e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	-1.1153e+02	-5.9826e+01	-3.5809e+01
	1797	0.0000e+00	0.0000e+00	0.0000e+00	-4.0351e+01	-5.1423e+02	3.1431e+01
784	1371	0.0000e+00	0.0000e+00	0.0000e+00	1.1809e+02	9.1584e+01	8.0807e+01
	1796	0.0000e+00	0.0000e+00	0.0000e+00	4.9486e+01	5.9784e+02	-4.3163e+01
	85	0.0000e+00	0.0000e+00	0.0000e+00	-1.2843e+02	2.2728e+02	-1.3836e+02
	30	0.0000e+00	0.0000e+00	0.0000e+00	1.8172e+02	9.6797e+02	-7.8052e+01
785	1370	0.0000e+00	0.0000e+00	0.0000e+00	6.7911e+01	8.3903e+01	-4.1637e+01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	6.4886e+01	4.0064e+02	-3.6485e+01

	1796	0.0000e+00	0.0000e+00	0.0000e+00	6.5681e+00	4.0781e+02	4.2609e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	1.3124e+02	6.9495e+02	-4.7715e+01
786	1369	0.0000e+00	0.0000e+00	0.0000e+00	3.4639e+01	1.7207e+01	-4.1053e+01
	1794	0.0000e+00	0.0000e+00	0.0000e+00	4.9051e+01	2.6434e+02	-4.3767e+01
	1795	0.0000e+00	0.0000e+00	0.0000e+00	-1.2665e+01	2.9338e+02	-4.0373e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	8.8325e+01	5.1329e+02	-3.8971e+01
787	1368	0.0000e+00	0.0000e+00	0.0000e+00	1.5351e+01	-6.7819e+01	-4.3861e+01
	1793	0.0000e+00	0.0000e+00	0.0000e+00	3.7485e+01	1.4976e+02	-5.0730e+01
	1794	0.0000e+00	0.0000e+00	0.0000e+00	-1.7516e+01	1.7442e+02	-4.6989e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	5.4842e+01	3.7346e+02	-4.0918e+01
788	1367	0.0000e+00	0.0000e+00	0.0000e+00	-4.8018e+00	-1.4939e+02	-4.5475e+01
	1792	0.0000e+00	0.0000e+00	0.0000e+00	3.0159e+01	4.9337e+01	-5.3927e+01
	1793	0.0000e+00	0.0000e+00	0.0000e+00	-2.0768e+01	6.9872e+01	-5.2226e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	3.4175e+01	2.5791e+02	-4.4171e+01
789	1366	0.0000e+00	0.0000e+00	0.0000e+00	-1.4743e+01	-2.3616e+02	-4.5451e+01
	1791	0.0000e+00	0.0000e+00	0.0000e+00	2.4932e+01	-4.9873e+01	-5.3578e+01
	1792	0.0000e+00	0.0000e+00	0.0000e+00	-2.4291e+01	-3.0874e+01	-5.4013e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	1.9418e+01	1.5811e+02	-4.6092e+01
790	1365	0.0000e+00	0.0000e+00	0.0000e+00	-3.4408e+01	-3.3264e+02	-4.1912e+01
	1790	0.0000e+00	0.0000e+00	0.0000e+00	1.9932e+01	-1.4707e+02	-4.7819e+01
	1791	0.0000e+00	0.0000e+00	0.0000e+00	-2.9958e+01	-1.2474e+02	-5.2017e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	6.2187e+00	6.9680e+01	-4.6206e+01
791	1364	0.0000e+00	0.0000e+00	0.0000e+00	-6.7470e+01	-4.4774e+02	-3.1129e+01
	1789	0.0000e+00	0.0000e+00	0.0000e+00	1.3203e+01	-2.5282e+02	-3.2274e+01
	1790	0.0000e+00	0.0000e+00	0.0000e+00	-4.0017e+01	-2.2749e+02	-4.3287e+01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-1.7140e+01	-1.4111e+01	-4.2150e+01
792	1363	0.0000e+00	0.0000e+00	0.0000e+00	-1.1189e+02	-5.9985e+02	-1.7719e+01
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-4.6414e+00	-3.4955e+02	-1.2346e+01
	1789	0.0000e+00	0.0000e+00	0.0000e+00	-5.5087e+01	-3.4587e+02	-2.2628e+01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-5.1350e+01	-7.4700e+01	-2.7616e+01
793	29	0.0000e+00	0.0000e+00	0.0000e+00	-1.5872e+02	-8.4102e+02	-9.7281e+01
	84	0.0000e+00	0.0000e+00	0.0000e+00	1.1880e+02	-1.5705e+02	-1.5368e+02
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-3.9452e+01	-5.2196e+02	-4.1897e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-1.0515e+02	-6.6057e+01	1.9266e+01
794	1296	0.0000e+00	0.0000e+00	0.0000e+00	1.0519e+02	6.5947e+01	1.9334e+01
	1787	0.0000e+00	0.0000e+00	0.0000e+00	3.9538e+01	5.2204e+02	-4.1911e+01
	82	0.0000e+00	0.0000e+00	0.0000e+00	-1.1887e+02	1.5722e+02	-1.5365e+02
	27	0.0000e+00	0.0000e+00	0.0000e+00	1.5903e+02	8.4128e+02	-9.7278e+01
795	1295	0.0000e+00	0.0000e+00	0.0000e+00	5.1370e+01	7.4569e+01	-2.7631e+01
	1786	0.0000e+00	0.0000e+00	0.0000e+00	5.5116e+01	3.4584e+02	-2.2633e+01
	1787	0.0000e+00	0.0000e+00	0.0000e+00	4.6559e+00	3.4954e+02	-1.2378e+01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	1.1194e+02	5.9996e+02	-1.7764e+01
796	1294	0.0000e+00	0.0000e+00	0.0000e+00	1.7161e+01	1.4022e+01	-4.2132e+01
	1785	0.0000e+00	0.0000e+00	0.0000e+00	4.0035e+01	2.2741e+02	-4.3274e+01
	1786	0.0000e+00	0.0000e+00	0.0000e+00	-1.3207e+01	2.5275e+02	-3.2280e+01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	6.7499e+01	4.4777e+02	-3.1131e+01
797	1293	0.0000e+00	0.0000e+00	0.0000e+00	-6.2230e+00	-6.9829e+01	-4.6166e+01
	1784	0.0000e+00	0.0000e+00	0.0000e+00	2.9971e+01	1.2463e+02	-5.1983e+01
	1785	0.0000e+00	0.0000e+00	0.0000e+00	-1.9934e+01	1.4697e+02	-4.7800e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	3.4433e+01	3.3260e+02	-4.1888e+01
798	1292	0.0000e+00	0.0000e+00	0.0000e+00	-1.9400e+01	-1.5824e+02	-4.6036e+01
	1783	0.0000e+00	0.0000e+00	0.0000e+00	2.4300e+01	3.0766e+01	-5.3961e+01
	1784	0.0000e+00	0.0000e+00	0.0000e+00	-2.4929e+01	4.9757e+01	-5.3538e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	1.4769e+01	2.3607e+02	-4.5408e+01
799	1291	0.0000e+00	0.0000e+00	0.0000e+00	-3.4147e+01	-2.5801e+02	-4.4107e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	2.0774e+01	-7.0001e+01	-5.2162e+01
	1783	0.0000e+00	0.0000e+00	0.0000e+00	-3.0150e+01	-4.9467e+01	-5.3870e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	4.8166e+00	1.4926e+02	-4.5417e+01
800	1290	0.0000e+00	0.0000e+00	0.0000e+00	-5.4801e+01	-3.7351e+02	-4.0863e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	1.7519e+01	-1.7453e+02	-4.6928e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	-3.7468e+01	-1.4988e+02	-5.0664e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-1.5330e+01	6.7672e+01	-4.3797e+01
801	1289	0.0000e+00	0.0000e+00	0.0000e+00	-8.8265e+01	-5.1325e+02	-3.8966e+01

	1780	0.0000e+00	0.0000e+00	0.0000e+00	1.2666e+01	-2.9345e+02	-4.0358e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-4.9025e+01	-2.6442e+02	-4.3712e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-3.4606e+01	-1.7341e+01	-4.1003e+01
802	1288	0.0000e+00	0.0000e+00	0.0000e+00	-1.3114e+02	-6.9478e+02	-4.7777e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-6.5842e+00	-4.0780e+02	4.2658e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	-6.4845e+01	-4.0066e+02	-3.6491e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-6.7861e+01	-8.4069e+01	-4.1659e+01
803	26	0.0000e+00	0.0000e+00	0.0000e+00	-1.8170e+02	-9.6762e+02	-7.7989e+01
	81	0.0000e+00	0.0000e+00	0.0000e+00	1.2836e+02	-2.2715e+02	-1.3830e+02
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-4.9461e+01	-5.9773e+02	-4.3109e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-1.1802e+02	-9.1752e+01	8.0959e+01
804	1778	0.0000e+00	0.0000e+00	0.0000e+00	4.0093e+01	5.1457e+02	3.2657e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	1.1025e+02	5.9569e+01	-3.5913e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	1.2917e+02	8.4428e+02	7.1080e+01
	71	0.0000e+00	0.0000e+00	0.0000e+00	-9.9782e+01	1.8059e+02	1.3514e+02
805	1777	0.0000e+00	0.0000e+00	0.0000e+00	5.8038e+01	3.4569e+02	2.4831e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	6.5861e+01	6.1236e+01	2.5843e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	1.2165e+02	5.9764e+02	1.1140e+01
	1778	0.0000e+00	0.0000e+00	0.0000e+00	4.2823e+00	3.4995e+02	8.2518e+00
806	1776	0.0000e+00	0.0000e+00	0.0000e+00	4.3444e+01	2.2573e+02	5.2988e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	3.2601e+01	3.5991e+00	5.1799e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	8.3216e+01	4.3754e+02	3.3765e+01
	1777	0.0000e+00	0.0000e+00	0.0000e+00	-9.8548e+00	2.5161e+02	3.4856e+01
807	1775	0.0000e+00	0.0000e+00	0.0000e+00	3.2139e+01	1.2281e+02	6.8484e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	9.1364e+00	-6.8675e+01	6.5214e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	4.9482e+01	3.1769e+02	5.5424e+01
	1776	0.0000e+00	0.0000e+00	0.0000e+00	-1.6051e+01	1.4641e+02	5.8680e+01
808	1774	0.0000e+00	0.0000e+00	0.0000e+00	2.4526e+01	2.8487e+01	7.3659e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-1.5560e+01	-1.4867e+02	6.9449e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	2.4326e+01	2.2145e+02	6.6663e+01
	1775	0.0000e+00	0.0000e+00	0.0000e+00	-2.1888e+01	5.0042e+01	7.0869e+01
809	1773	0.0000e+00	0.0000e+00	0.0000e+00	1.9080e+01	-6.6525e+01	7.0108e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-3.7619e+01	-2.4198e+02	6.5560e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	6.3339e+00	1.3950e+02	6.9033e+01
	1774	0.0000e+00	0.0000e+00	0.0000e+00	-2.8774e+01	-4.4210e+01	7.3586e+01
810	1772	0.0000e+00	0.0000e+00	0.0000e+00	1.4297e+01	-1.6931e+02	5.7209e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-6.4591e+01	-3.5503e+02	5.3267e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.0850e+01	6.5601e+01	6.3464e+01
	1773	0.0000e+00	0.0000e+00	0.0000e+00	-3.8118e+01	-1.4354e+02	6.7469e+01
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	7.8834e+00	-2.8726e+02	3.3784e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-1.0298e+02	-4.9764e+02	3.3607e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-4.5792e+01	-5.2658e+00	5.0021e+01
	1772	0.0000e+00	0.0000e+00	0.0000e+00	-5.1991e+01	-2.5726e+02	5.0718e+01
812	1770	0.0000e+00	0.0000e+00	0.0000e+00	-1.2707e+01	-4.0516e+02	-2.2091e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	-1.5720e+02	-6.8847e+02	-2.8656e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-8.3717e+01	-6.4866e+01	3.2012e+01
	1771	0.0000e+00	0.0000e+00	0.0000e+00	-7.2071e+01	-3.9513e+02	2.2011e+01
813	70	0.0000e+00	0.0000e+00	0.0000e+00	7.5320e+01	-2.4529e+02	1.0449e+02
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2729e+02	-9.8054e+02	7.2385e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	-1.4921e+02	-6.2537e+01	-5.8094e+01
	1770	0.0000e+00	0.0000e+00	0.0000e+00	-6.9594e+01	-5.9281e+02	1.0019e+01
814	1769	0.0000e+00	0.0000e+00	0.0000e+00	5.6988e+01	6.0115e+02	2.2411e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	1.3257e+02	7.7819e+01	-8.7067e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.8238e+02	9.9139e+02	5.8384e+01
	69	0.0000e+00	0.0000e+00	0.0000e+00	-1.0738e+02	2.5752e+02	1.2149e+02
815	1768	0.0000e+00	0.0000e+00	0.0000e+00	7.0423e+01	4.0403e+02	2.6342e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	8.7114e+01	6.6085e+01	3.4657e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	1.4969e+02	7.0373e+02	-4.1960e+01
	1769	0.0000e+00	0.0000e+00	0.0000e+00	8.2407e+00	4.1318e+02	-3.1733e+01
816	1767	0.0000e+00	0.0000e+00	0.0000e+00	5.3699e+01	2.6210e+02	4.8629e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	5.3458e+01	8.3481e+00	4.6743e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	1.0861e+02	5.0922e+02	3.3838e+01
	1768	0.0000e+00	0.0000e+00	0.0000e+00	-9.9421e+00	2.9289e+02	3.4239e+01

817	1766	0.0000e+00	0.0000e+00	0.0000e+00	4.0108e+01	1.4412e+02	6.5614e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	3.1752e+01	-7.4240e+01	6.1628e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	7.2218e+01	3.6220e+02	5.0621e+01
	1767	0.0000e+00	0.0000e+00	0.0000e+00	-1.5657e+01	1.7094e+02	5.4413e+01
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	3.0482e+01	4.2049e+01	7.3660e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.5166e+01	-1.5208e+02	6.9248e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	4.5949e+01	2.4569e+02	6.4075e+01
	1766	0.0000e+00	0.0000e+00	0.0000e+00	-2.0810e+01	6.4549e+01	6.8471e+01
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	2.3423e+01	-6.1201e+01	7.4586e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-3.7988e+01	-2.3976e+02	7.0259e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	2.9012e+01	1.4980e+02	6.9950e+01
	1765	0.0000e+00	0.0000e+00	0.0000e+00	-2.6966e+01	-3.9190e+01	7.4350e+01
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	1.7614e+01	-1.6227e+02	7.0559e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-6.1341e+01	-3.4412e+02	6.7012e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-2.8665e+01	6.7712e+01	6.9625e+01
	1764	0.0000e+00	0.0000e+00	0.0000e+00	-3.5365e+01	-1.3738e+02	7.3462e+01
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	1.1361e+01	-2.7453e+02	6.6898e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-9.3882e+01	-4.7493e+02	6.6420e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-4.5802e+01	-1.0819e+01	6.6497e+01
	1763	0.0000e+00	0.0000e+00	0.0000e+00	-4.7439e+01	-2.4693e+02	6.7708e+01
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	-1.0910e+01	-3.8410e+02	-7.2205e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	-1.3167e+02	-6.4958e+02	-8.1116e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-7.5320e+01	-6.9354e+01	7.0168e+01
	1762	0.0000e+00	0.0000e+00	0.0000e+00	-6.3431e+01	-3.7523e+02	6.1456e+01
823	68	0.0000e+00	0.0000e+00	0.0000e+00	1.2473e+02	-2.5172e+02	1.1932e+02
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.2436e+02	-9.1884e+02	9.9953e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	-1.1765e+02	-7.7144e+01	-1.1430e+02
	1761	0.0000e+00	0.0000e+00	0.0000e+00	-6.1307e+01	-5.6400e+02	7.2336e+01
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	3.4648e+01	3.2380e+02	-1.8451e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	9.7857e+01	-1.3948e+02	-1.1193e+02
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.3228e+02	6.8903e+02	4.3074e+01
	68	0.0000e+00	0.0000e+00	0.0000e+00	-9.4220e+01	-7.2877e+01	1.2449e+02
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	4.8054e+01	2.2739e+02	-4.3290e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	5.9210e+01	-1.4483e+02	-5.4919e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	1.0330e+02	4.8941e+02	-6.3794e+01
	1760	0.0000e+00	0.0000e+00	0.0000e+00	-2.5374e+01	2.2248e+02	-4.9885e+01
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	4.2316e+01	1.2865e+02	-3.8586e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	3.5373e+01	-2.1637e+02	-4.6630e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	7.0739e+01	3.4375e+02	-5.0102e+01
	1759	0.0000e+00	0.0000e+00	0.0000e+00	-1.5873e+01	1.5039e+02	-4.0557e+01
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	3.5259e+01	-1.1945e+02	-4.8176e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	1.8476e+01	-3.0809e+02	-5.6103e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	4.6290e+01	2.2615e+02	-4.9207e+01
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-2.0147e+01	-1.0946e+02	-3.8867e+01
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	3.1085e+01	-1.9526e+02	-6.0887e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-5.3076e+00	-4.0540e+02	-6.7980e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	2.9061e+01	1.3333e+02	-5.9181e+01
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-2.2820e+01	-1.6787e+02	-5.0952e+01
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	2.8863e+01	-2.9208e+02	-7.1796e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	9.2593e+00	-5.0329e+02	-7.8465e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	1.8521e+01	-1.0534e+02	-7.0416e+01
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-2.4474e+01	-2.6127e+02	-6.3650e+01
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	2.7721e+01	-3.9274e+02	-8.0166e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	2.3303e+01	-5.9965e+02	-8.7201e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	1.7760e+01	-1.7005e+02	-8.0325e+01
	1755	0.0000e+00	0.0000e+00	0.0000e+00	-2.6203e+01	-3.6091e+02	-7.3927e+01
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	2.9134e+01	-4.9101e+02	-8.4471e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	4.2677e+01	-6.9516e+02	-9.4395e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	2.6700e+01	-2.6429e+02	-8.9515e+01
	1754	0.0000e+00	0.0000e+00	0.0000e+00	-2.9338e+01	-4.6167e+02	-8.0763e+01
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	4.4289e+01	-5.6307e+02	-7.1230e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	8.3570e+01	-7.9767e+02	-9.4803e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	4.4707e+01	-3.5756e+02	-1.0234e+02

	1753	0.0000e+00	0.0000e+00	0.0000e+00	-3.7654e+01	-5.6025e+02	-7.8451e+01
833	67	0.0000e+00	0.0000e+00	0.0000e+00	2.1341e+02	-4.2884e+02	1.6366e+02
	1	0.0000e+00	0.0000e+00	0.0000e+00	2.3701e+02	-9.2745e+02	6.0075e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	8.8647e+01	-4.1447e+02	-1.3017e+02
	1752	0.0000e+00	0.0000e+00	0.0000e+00	1.0304e+02	-6.6159e+02	6.0397e+01
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	1.1872e+02	8.7840e+01	6.1252e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	6.7160e+01	6.1232e+02	-4.2429e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	-1.4273e+02	2.6143e+02	-1.3921e+02
	25	0.0000e+00	0.0000e+00	0.0000e+00	2.5267e+02	1.0021e+03	-8.7572e+01
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	6.2592e+01	8.0638e+01	-3.3382e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	6.7219e+01	3.9852e+02	-2.6355e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	9.1763e+00	4.0949e+02	-2.7902e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	1.3113e+02	7.1007e+02	-3.5272e+01
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.8272e+01	2.8705e+01	-3.7459e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	4.8930e+01	2.5905e+02	-4.1160e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-1.4565e+01	2.8862e+02	-3.5281e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	8.3239e+01	5.2080e+02	-3.1999e+01
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	9.4271e+00	-8.2807e+01	-4.0492e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	3.6797e+01	1.4230e+02	-4.8055e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-1.9960e+01	1.6713e+02	-4.4997e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	4.8615e+01	3.7651e+02	-3.7188e+01
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	-9.8889e+00	-1.6542e+02	-4.2257e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	2.9260e+01	4.4581e+01	-5.0447e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	-2.3516e+01	6.2971e+01	-4.9391e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	2.7389e+01	2.5808e+02	-4.0607e+01
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	-2.4371e+01	-2.5575e+02	-4.3974e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	2.3935e+01	-7.0710e+01	-5.0978e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	-2.7456e+01	-5.1618e+01	-5.0598e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	1.2163e+01	1.5674e+02	-4.2730e+01
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	-4.5569e+01	-3.5778e+02	-4.6527e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	1.9023e+01	-1.7008e+02	-5.1033e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	-3.3657e+01	-1.4641e+02	-5.0372e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-7.5771e+00	6.9837e+01	-4.4792e+01
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	-7.9051e+01	-4.8040e+02	-5.3461e+01
	1744	0.0000e+00	0.0000e+00	0.0000e+00	1.2738e+01	-2.8056e+02	-5.4316e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	-4.4137e+01	-2.5365e+02	-4.9786e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-2.7276e+01	-3.8078e+01	-4.8249e+01
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	-1.2153e+02	-6.4131e+02	6.8629e+01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-1.2485e+01	-3.8168e+02	5.9978e+01
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-5.9225e+01	-3.7841e+02	-5.0866e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-6.1239e+01	-9.5150e+01	-6.0116e+01
843	24	0.0000e+00	0.0000e+00	0.0000e+00	-2.5719e+02	-8.8888e+02	-7.3990e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	1.1593e+02	-2.3273e+02	-1.3392e+02
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-6.7290e+01	-5.5495e+02	-4.7780e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-1.1207e+02	-1.0456e+02	1.1662e+02
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	9.7009e+01	-1.3693e+02	1.1206e+02
	1742	0.0000e+00	0.0000e+00	0.0000e+00	6.7403e+01	3.3386e+02	-5.3846e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	-1.2817e+02	-1.6464e+02	-1.3741e+02
	24	0.0000e+00	0.0000e+00	0.0000e+00	2.7133e+02	7.2767e+02	-9.3962e+01
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	3.4304e+01	-1.4641e+02	7.0526e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	5.3464e+01	1.6832e+02	5.6883e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-2.6176e+01	1.7972e+02	6.0733e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	9.4207e+01	4.8853e+02	7.4427e+01
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	8.4088e+00	-2.3601e+02	5.4064e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	4.0962e+01	3.5092e+01	5.1876e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-1.8375e+01	7.0005e+01	6.1246e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	4.7785e+01	3.2854e+02	6.3981e+01
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	-6.1418e+00	-3.4238e+02	4.3300e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	3.4208e+01	-9.3278e+01	4.1151e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-2.4015e+01	-5.8089e+01	5.0279e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	2.4478e+01	1.9623e+02	5.1864e+01
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	6.2100e+00	-4.5031e+02	3.6213e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	3.1853e+01	-2.0952e+02	2.9989e+01

	1739	0.0000e+00	0.0000e+00	0.0000e+00	-2.5663e+01	-1.7575e+02	3.8685e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	1.7701e+01	7.3039e+01	4.2525e+01
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	8.9840e+00	-5.5236e+02	3.1546e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	3.1144e+01	-3.2152e+02	1.9286e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	-2.4604e+01	-2.8857e+02	2.7333e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	1.9895e+01	-5.2581e+01	3.5498e+01
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	1.3540e+01	-6.4325e+02	2.9581e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	2.9757e+01	-4.2924e+02	1.2156e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	-2.2562e+01	-3.9637e+02	1.7147e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	2.5472e+01	-1.7425e+02	2.9838e+01
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	1.2473e+01	-7.2037e+02	3.3095e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	2.6258e+01	-5.2930e+02	1.9469e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-2.1140e+01	-4.9920e+02	1.3773e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.8439e+01	-2.9391e+02	2.6919e+01
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.2905e+01	-7.8884e+02	3.6664e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	3.0178e+01	-5.8890e+02	2.4922e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-1.7455e+01	-5.9690e+02	2.2052e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	2.1100e+01	-3.9761e+02	3.3940e+01
853	23	0.0000e+00	0.0000e+00	0.0000e+00	8.6441e+01	-8.5797e+02	-9.2551e+01
	78	0.0000e+00	0.0000e+00	0.0000e+00	9.6927e+01	-3.1173e+02	-1.5570e+02
	1734	0.0000e+00	0.0000e+00	0.0000e+00	4.7353e+01	-6.6551e+02	-1.8527e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-1.5956e+01	-4.4396e+02	6.3548e+01
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	2.0753e+02	3.8295e+02	3.5286e+02
	90	0.0000e+00	0.0000e+00	0.0000e+00	6.8055e+02	-2.7094e+02	-2.7907e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	5.3395e+02	1.5757e+03	4.2563e+02
	196	0.0000e+00	0.0000e+00	0.0000e+00	-4.2013e+02	4.8972e+01	8.0509e+02
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	-1.7582e+02	4.9010e+01	3.7155e+02
	1733	0.0000e+00	0.0000e+00	0.0000e+00	-8.2914e+01	1.0830e+02	4.4223e+02
	196	0.0000e+00	0.0000e+00	0.0000e+00	1.4059e+02	2.0993e+01	5.3217e+02
	185	0.0000e+00	0.0000e+00	0.0000e+00	-2.2760e+02	-1.0485e+02	4.6144e+02
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	-2.0188e+02	-1.4879e+01	3.0078e+02
	1732	0.0000e+00	0.0000e+00	0.0000e+00	-2.0054e+02	-1.7267e+01	3.9442e+02
	185	0.0000e+00	0.0000e+00	0.0000e+00	-4.9768e+01	-1.0904e+02	3.9661e+02
	174	0.0000e+00	0.0000e+00	0.0000e+00	-2.0671e+02	-1.1871e+02	3.0310e+02
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	-2.1955e+02	-2.0397e+01	1.9967e+02
	1731	0.0000e+00	0.0000e+00	0.0000e+00	-2.2478e+02	-2.4244e+01	2.8253e+02
	174	0.0000e+00	0.0000e+00	0.0000e+00	-8.6448e+01	-1.1384e+02	2.7291e+02
	163	0.0000e+00	0.0000e+00	0.0000e+00	-2.0299e+02	-9.9377e+01	1.9053e+02
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	-2.2741e+02	-2.0016e+01	1.1002e+02
	1730	0.0000e+00	0.0000e+00	0.0000e+00	-2.3183e+02	-1.9888e+01	1.7842e+02
	163	0.0000e+00	0.0000e+00	0.0000e+00	-1.3218e+02	-9.5275e+01	1.7109e+02
	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.9479e+02	-7.9897e+01	1.0423e+02
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	-2.2625e+02	-1.9292e+01	-5.1999e+01
	1729	0.0000e+00	0.0000e+00	0.0000e+00	-2.2978e+02	-1.3176e+01	9.2127e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.6969e+02	-7.8866e+01	9.0479e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.7401e+02	-6.5708e+01	-5.5464e+01
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	-2.1292e+02	-1.8729e+01	-8.5570e+01
	1728	0.0000e+00	0.0000e+00	0.0000e+00	-2.1704e+02	-7.5907e+00	-5.1643e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-1.9890e+02	-6.8096e+01	-5.5784e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.3784e+02	-5.6595e+01	-8.9319e+01
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	-1.8057e+02	-1.6039e+01	-1.5128e+02
	1727	0.0000e+00	0.0000e+00	0.0000e+00	-1.8931e+02	1.1154e+01	-9.9129e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-2.2025e+02	-6.1382e+01	-1.0256e+02
	119	0.0000e+00	0.0000e+00	0.0000e+00	-9.8190e+01	-4.7461e+01	-1.5444e+02
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	-1.0256e+02	2.3579e+01	-1.9346e+02
	1726	0.0000e+00	0.0000e+00	0.0000e+00	-1.4334e+02	3.5796e+01	-1.5290e+02
	119	0.0000e+00	0.0000e+00	0.0000e+00	-2.3533e+02	-5.0565e+01	-1.7759e+02
	99	0.0000e+00	0.0000e+00	0.0000e+00	1.4098e+02	5.4761e+01	-2.1862e+02
863	89	0.0000e+00	0.0000e+00	0.0000e+00	2.8743e+02	-1.1299e+02	-5.5669e+01
	1725	0.0000e+00	0.0000e+00	0.0000e+00	1.0763e+02	1.5418e+02	-1.7287e+02
	99	0.0000e+00	0.0000e+00	0.0000e+00	-2.7035e+02	4.6191e+01	-3.0715e+02
	1	0.0000e+00	0.0000e+00	0.0000e+00	3.6119e+02	5.5079e+02	-1.8430e+02
864	773	0.0000e+00	0.0000e+00	0.0000e+00	4.2175e+02	-4.8918e+01	8.0528e+02

	22	0.0000e+00	0.0000e+00	0.0000e+00	-5.3295e+02	-1.5758e+03	4.2585e+02
	96	0.0000e+00	0.0000e+00	0.0000e+00	-6.8009e+02	2.7100e+02	-2.7655e+01
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-2.0656e+02	-3.8298e+02	3.5306e+02
865	763	0.0000e+00	0.0000e+00	0.0000e+00	2.3031e+02	1.0484e+02	4.6164e+02
	773	0.0000e+00	0.0000e+00	0.0000e+00	-1.3873e+02	-2.0862e+01	5.3236e+02
	1724	0.0000e+00	0.0000e+00	0.0000e+00	8.4436e+01	-1.0828e+02	4.4243e+02
	1723	0.0000e+00	0.0000e+00	0.0000e+00	1.7703e+02	-4.9047e+01	3.7175e+02
866	753	0.0000e+00	0.0000e+00	0.0000e+00	2.1017e+02	1.1870e+02	3.0333e+02
	763	0.0000e+00	0.0000e+00	0.0000e+00	4.8636e+01	1.0901e+02	3.9680e+02
	1723	0.0000e+00	0.0000e+00	0.0000e+00	2.0237e+02	1.7320e+01	3.9463e+02
	1722	0.0000e+00	0.0000e+00	0.0000e+00	2.0389e+02	1.4888e+01	3.0102e+02
867	743	0.0000e+00	0.0000e+00	0.0000e+00	2.0690e+02	9.9342e+01	1.9086e+02
	753	0.0000e+00	0.0000e+00	0.0000e+00	8.8120e+01	1.1380e+02	2.7316e+02
	1722	0.0000e+00	0.0000e+00	0.0000e+00	2.2721e+02	2.4265e+01	2.8278e+02
	1721	0.0000e+00	0.0000e+00	0.0000e+00	2.2218e+02	2.0391e+01	1.9999e+02
868	733	0.0000e+00	0.0000e+00	0.0000e+00	1.9887e+02	7.9859e+01	1.0481e+02
	743	0.0000e+00	0.0000e+00	0.0000e+00	1.3488e+02	9.5225e+01	1.7145e+02
	1721	0.0000e+00	0.0000e+00	0.0000e+00	2.3476e+02	1.9882e+01	1.7876e+02
	1720	0.0000e+00	0.0000e+00	0.0000e+00	2.3049e+02	2.0011e+01	1.1052e+02
869	723	0.0000e+00	0.0000e+00	0.0000e+00	1.7789e+02	6.5764e+01	-5.6455e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	1.7313e+02	7.8832e+01	9.1142e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	2.3302e+02	1.3173e+01	9.2709e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	2.2957e+02	1.9290e+01	-5.2878e+01
870	713	0.0000e+00	0.0000e+00	0.0000e+00	1.4088e+02	5.6962e+01	-8.9774e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	2.0300e+02	6.8158e+01	-5.6707e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	2.2031e+02	7.8440e+00	-5.2485e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	2.1621e+02	1.8725e+01	-8.5932e+01
871	703	0.0000e+00	0.0000e+00	0.0000e+00	9.9137e+01	4.8592e+01	-1.5452e+02
	713	0.0000e+00	0.0000e+00	0.0000e+00	2.2485e+02	6.1672e+01	-1.0286e+02
	1718	0.0000e+00	0.0000e+00	0.0000e+00	1.9226e+02	-1.1831e+01	-9.9415e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	1.8345e+02	1.6035e+01	-1.5134e+02
872	693	0.0000e+00	0.0000e+00	0.0000e+00	-1.4027e+02	-5.7049e+01	-2.1849e+02
	703	0.0000e+00	0.0000e+00	0.0000e+00	2.4010e+02	5.1381e+01	-1.7758e+02
	1717	0.0000e+00	0.0000e+00	0.0000e+00	1.4546e+02	-3.6447e+01	-1.5294e+02
	1716	0.0000e+00	0.0000e+00	0.0000e+00	1.0443e+02	-2.3670e+01	-1.9337e+02
873	11	0.0000e+00	0.0000e+00	0.0000e+00	-3.6209e+02	-5.5277e+02	-1.8391e+02
	693	0.0000e+00	0.0000e+00	0.0000e+00	2.7462e+02	-4.8058e+01	-3.0701e+02
	1716	0.0000e+00	0.0000e+00	0.0000e+00	-1.0719e+02	-1.5484e+02	-1.7290e+02
	95	0.0000e+00	0.0000e+00	0.0000e+00	-2.8697e+02	1.1359e+02	-5.5295e+01
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	2.2950e+02	-1.3646e+01	2.0192e+02
	33	0.0000e+00	0.0000e+00	0.0000e+00	-3.4249e+02	-4.6887e+02	1.1850e+02
	97	0.0000e+00	0.0000e+00	0.0000e+00	-2.1191e+02	1.2134e+02	3.2577e+01
	1715	0.0000e+00	0.0000e+00	0.0000e+00	-1.2488e+02	-1.2653e+02	8.6082e+01
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	1.7081e+02	5.6048e+01	5.6789e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-1.6747e+02	-1.7481e+01	1.1854e+02
	1715	0.0000e+00	0.0000e+00	0.0000e+00	1.2637e+02	-1.9316e+01	9.2107e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	1.5892e+02	-2.3773e+01	3.1321e+01
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	1.3410e+02	8.1952e+01	-5.0796e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	1.2440e+02	5.5371e+01	3.1054e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	1.7252e+02	1.6603e+01	2.3177e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	1.8046e+02	1.1279e+01	-6.0559e+01
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	9.3511e+01	1.0134e+02	-1.6174e+02
	1486	0.0000e+00	0.0000e+00	0.0000e+00	1.3700e+02	8.3712e+01	-7.2796e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	1.8464e+02	1.8084e+01	-8.2198e+01
	1712	0.0000e+00	0.0000e+00	0.0000e+00	1.9013e+02	1.7877e+01	-1.7101e+02
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	7.7420e+01	9.6149e+01	-2.8879e+02
	1476	0.0000e+00	0.0000e+00	0.0000e+00	1.6062e+02	1.0517e+02	-1.9234e+02
	1712	0.0000e+00	0.0000e+00	0.0000e+00	1.7850e+02	1.1947e+01	-1.9012e+02
	1711	0.0000e+00	0.0000e+00	0.0000e+00	1.7603e+02	1.2974e+01	-2.8652e+02
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	-1.7904e+02	-2.8331e+01	-4.2480e+02
	1466	0.0000e+00	0.0000e+00	0.0000e+00	2.0019e+02	9.2204e+01	-3.5329e+02
	1711	0.0000e+00	0.0000e+00	0.0000e+00	1.5900e+02	-5.3922e+01	-2.6318e+02
	1710	0.0000e+00	0.0000e+00	0.0000e+00	7.3164e+01	-1.1384e+02	-3.3469e+02

880 22 0.0000e+00 0.0000e+00 0.0000e+00 -5.8631e+02 -1.5857e+03 -3.2529e+02  
1456 0.0000e+00 0.0000e+00 0.0000e+00 4.1047e+02 -6.1785e+01 -6.9497e+02  
1710 0.0000e+00 0.0000e+00 0.0000e+00 -2.5047e+02 -3.8724e+02 -2.4884e+02  
96 0.0000e+00 0.0000e+00 0.0000e+00 -6.8628e+02 2.7842e+02 1.2112e+02

881 1709 0.0000e+00 0.0000e+00 0.0000e+00 1.2150e+02 1.2617e+02 8.5384e+01  
91 0.0000e+00 0.0000e+00 0.0000e+00 2.1027e+02 -1.2084e+02 3.1034e+01  
23 0.0000e+00 0.0000e+00 0.0000e+00 3.3621e+02 4.6781e+02 1.1803e+02  
1133 0.0000e+00 0.0000e+00 0.0000e+00 -2.2915e+02 1.1602e+01 2.0156e+02

882 1708 0.0000e+00 0.0000e+00 0.0000e+00 -1.5862e+02 2.3101e+01 3.0312e+01  
1709 0.0000e+00 0.0000e+00 0.0000e+00 -1.2571e+02 1.9323e+01 9.1592e+01  
1133 0.0000e+00 0.0000e+00 0.0000e+00 1.6271e+02 1.4998e+01 1.1811e+02  
1122 0.0000e+00 0.0000e+00 0.0000e+00 -1.7020e+02 -5.6133e+01 5.6159e+01

883 1707 0.0000e+00 0.0000e+00 0.0000e+00 -1.8042e+02 -1.0711e+01 -6.0514e+01  
1708 0.0000e+00 0.0000e+00 0.0000e+00 -1.7250e+02 -1.6602e+01 2.1844e+01  
1122 0.0000e+00 0.0000e+00 0.0000e+00 -1.2258e+02 -5.5296e+01 3.0152e+01  
1111 0.0000e+00 0.0000e+00 0.0000e+00 -1.3273e+02 -8.2113e+01 -5.0785e+01

884 1706 0.0000e+00 0.0000e+00 0.0000e+00 -1.8978e+02 -1.7740e+01 -1.7125e+02  
1707 0.0000e+00 0.0000e+00 0.0000e+00 -1.8439e+02 -1.8081e+01 -8.2268e+01  
1111 0.0000e+00 0.0000e+00 0.0000e+00 -1.3690e+02 -8.3821e+01 -7.2917e+01  
1100 0.0000e+00 0.0000e+00 0.0000e+00 -9.0712e+01 -1.0146e+02 -1.6201e+02

885 1705 0.0000e+00 0.0000e+00 0.0000e+00 -1.7507e+02 -1.2886e+01 -2.8682e+02  
1706 0.0000e+00 0.0000e+00 0.0000e+00 -1.7770e+02 -1.1931e+01 -1.9038e+02  
1100 0.0000e+00 0.0000e+00 0.0000e+00 -1.6074e+02 -1.0528e+02 -1.9263e+02  
1089 0.0000e+00 0.0000e+00 0.0000e+00 -7.3211e+01 -9.6224e+01 -2.8911e+02

886 1704 0.0000e+00 0.0000e+00 0.0000e+00 -7.0178e+01 1.1381e+02 -3.3501e+02  
1705 0.0000e+00 0.0000e+00 0.0000e+00 -1.5737e+02 5.3921e+01 -2.6350e+02  
1089 0.0000e+00 0.0000e+00 0.0000e+00 -2.0000e+02 -9.2276e+01 -3.5361e+02  
1078 0.0000e+00 0.0000e+00 0.0000e+00 1.7715e+02 2.8346e+01 -4.2512e+02

887 90 0.0000e+00 0.0000e+00 0.0000e+00 6.8667e+02 -2.7843e+02 1.2084e+02  
1704 0.0000e+00 0.0000e+00 0.0000e+00 2.4981e+02 3.8725e+02 -2.4916e+02  
1078 0.0000e+00 0.0000e+00 0.0000e+00 -4.1001e+02 6.1790e+01 -6.9528e+02  
12 0.0000e+00 0.0000e+00 0.0000e+00 5.8601e+02 1.5857e+03 -3.2559e+02

888 33 0.0000e+00 0.0000e+00 0.0000e+00 -2.8531e+02 -4.6588e+02 -8.9828e+01  
88 0.0000e+00 0.0000e+00 0.0000e+00 9.7793e+01 1.0851e+02 -1.5324e+02  
94 0.0000e+00 0.0000e+00 0.0000e+00 -1.1266e+02 -1.7993e+02 -1.4996e+01  
97 0.0000e+00 0.0000e+00 0.0000e+00 -2.0795e+02 1.1483e+02 6.2145e+01

889 77 0.0000e+00 0.0000e+00 0.0000e+00 -5.3626e+01 8.6579e+01 1.0993e+02  
11 0.0000e+00 0.0000e+00 0.0000e+00 -4.1336e+02 -5.7665e+02 4.9975e+01  
95 0.0000e+00 0.0000e+00 0.0000e+00 -3.4457e+02 1.2334e+02 -1.0510e+02  
98 0.0000e+00 0.0000e+00 0.0000e+00 -1.6736e+02 -1.9216e+02 -5.4636e+01

890 91 0.0000e+00 0.0000e+00 0.0000e+00 2.0662e+02 -1.1477e+02 6.1091e+01  
93 0.0000e+00 0.0000e+00 0.0000e+00 1.1267e+02 1.7976e+02 -1.4854e+01  
78 0.0000e+00 0.0000e+00 0.0000e+00 -9.7773e+01 -1.0923e+02 -1.5335e+02  
23 0.0000e+00 0.0000e+00 0.0000e+00 2.8539e+02 4.6527e+02 -8.9565e+01

891 92 0.0000e+00 0.0000e+00 0.0000e+00 1.6747e+02 1.9119e+02 -5.6027e+01  
89 0.0000e+00 0.0000e+00 0.0000e+00 3.4557e+02 -1.2287e+02 -1.0534e+02  
1 0.0000e+00 0.0000e+00 0.0000e+00 4.1331e+02 5.7503e+02 4.9486e+01  
67 0.0000e+00 0.0000e+00 0.0000e+00 5.6672e+01 -8.5322e+01 1.0899e+02

892 1696 0.0000e+00 0.0000e+00 0.0000e+00 -4.6103e+01 3.0011e+02 7.2107e+01  
1703 0.0000e+00 0.0000e+00 0.0000e+00 1.4885e+02 -1.5711e+01 2.8876e+01  
29 0.0000e+00 0.0000e+00 0.0000e+00 1.4226e+02 6.5685e+02 1.6964e+02  
1352 0.0000e+00 0.0000e+00 0.0000e+00 -1.2327e+02 2.9886e+01 2.3111e+02

893 1695 0.0000e+00 0.0000e+00 0.0000e+00 4.2581e+01 1.9914e+02 1.0841e+01  
1702 0.0000e+00 0.0000e+00 0.0000e+00 6.9483e+01 -9.4430e+00 1.9809e+01  
1703 0.0000e+00 0.0000e+00 0.0000e+00 1.4183e+02 4.6513e+02 3.0988e+01  
1696 0.0000e+00 0.0000e+00 0.0000e+00 -4.8740e+01 2.2025e+02 2.4873e+01

894 1694 0.0000e+00 0.0000e+00 0.0000e+00 3.6280e+01 1.0826e+02 -1.1402e+01  
1701 0.0000e+00 0.0000e+00 0.0000e+00 1.8868e+01 -8.0054e+01 -1.5641e+01  
1702 0.0000e+00 0.0000e+00 0.0000e+00 7.0641e+01 3.4911e+02 -1.7065e+01  
1695 0.0000e+00 0.0000e+00 0.0000e+00 -2.7615e+01 1.6222e+02 -1.2907e+01

895 1693 0.0000e+00 0.0000e+00 0.0000e+00 2.9910e+01 1.2861e+01 -1.0365e+01  
1700 0.0000e+00 0.0000e+00 0.0000e+00 -2.2139e+01 -1.7107e+02 -1.3606e+01  
1701 0.0000e+00 0.0000e+00 0.0000e+00 2.5646e+01 2.5169e+02 -1.5487e+01



1694 0.0000e+00 0.0000e+00 0.0000e+00 -2.8259e+01 7.2966e+01 -1.1493e+01

896 1692 0.0000e+00 0.0000e+00 0.0000e+00 2.5261e+01 -8.7161e+01 1.0303e+01  
1699 0.0000e+00 0.0000e+00 0.0000e+00 -5.1651e+01 -2.7575e+02 -1.1613e+01  
1700 0.0000e+00 0.0000e+00 0.0000e+00 -1.0862e+01 1.6207e+02 -1.2658e+01  
1693 0.0000e+00 0.0000e+00 0.0000e+00 -3.2053e+01 -2.5044e+01 1.0951e+01

897 1691 0.0000e+00 0.0000e+00 0.0000e+00 2.1228e+01 -1.8547e+02 1.1521e+01  
1698 0.0000e+00 0.0000e+00 0.0000e+00 -9.7146e+01 -3.9530e+02 1.2509e+01  
1699 0.0000e+00 0.0000e+00 0.0000e+00 -4.0713e+01 7.9023e+01 1.1949e+01  
1692 0.0000e+00 0.0000e+00 0.0000e+00 -3.7364e+01 -1.2568e+02 1.0723e+01

898 1690 0.0000e+00 0.0000e+00 0.0000e+00 4.2582e+01 -2.5899e+02 4.2454e+01  
1697 0.0000e+00 0.0000e+00 0.0000e+00 -1.6747e+02 -5.4033e+02 3.9690e+01  
1698 0.0000e+00 0.0000e+00 0.0000e+00 -9.1995e+01 9.2062e+00 1.9471e+01  
1691 0.0000e+00 0.0000e+00 0.0000e+00 -3.9591e+01 -2.2890e+02 2.1616e+01

899 1647 0.0000e+00 0.0000e+00 0.0000e+00 1.4087e+02 -8.3832e+01 2.6221e+02  
28 0.0000e+00 0.0000e+00 0.0000e+00 -1.4501e+02 -7.6748e+02 1.9048e+02  
1697 0.0000e+00 0.0000e+00 0.0000e+00 -1.6859e+02 5.8303e+00 2.6911e+01  
1690 0.0000e+00 0.0000e+00 0.0000e+00 1.9808e+01 -3.5035e+02 9.7379e+01

900 1689 0.0000e+00 0.0000e+00 0.0000e+00 -6.2409e+01 1.2451e+02 3.6552e+00  
1696 0.0000e+00 0.0000e+00 0.0000e+00 -4.5376e+01 2.3099e+02 6.5309e+01  
1352 0.0000e+00 0.0000e+00 0.0000e+00 4.4856e+01 -1.1478e+01 1.1055e+02  
1341 0.0000e+00 0.0000e+00 0.0000e+00 2.5058e+01 7.8032e+00 4.7594e+01

901 1688 0.0000e+00 0.0000e+00 0.0000e+00 -6.8151e+01 1.7565e+02 -2.1094e+01  
1695 0.0000e+00 0.0000e+00 0.0000e+00 -2.5366e+01 2.0949e+02 -2.9759e+01  
1696 0.0000e+00 0.0000e+00 0.0000e+00 -5.4293e+01 1.7703e+02 -6.3847e+00  
1689 0.0000e+00 0.0000e+00 0.0000e+00 -5.1589e+01 1.5204e+02 9.1897e+00

902 1687 0.0000e+00 0.0000e+00 0.0000e+00 -3.3015e+01 1.1142e+02 -1.8031e+01  
1694 0.0000e+00 0.0000e+00 0.0000e+00 -1.6490e+01 1.2965e+02 -3.4633e+01  
1695 0.0000e+00 0.0000e+00 0.0000e+00 -3.0644e+01 1.3633e+02 -3.6688e+01  
1688 0.0000e+00 0.0000e+00 0.0000e+00 -4.7852e+01 1.5939e+02 -2.0044e+01

903 1686 0.0000e+00 0.0000e+00 0.0000e+00 1.2951e+01 1.1473e+01 -1.1366e+01  
1693 0.0000e+00 0.0000e+00 0.0000e+00 1.2079e+01 3.4191e+01 -3.0073e+01  
1694 0.0000e+00 0.0000e+00 0.0000e+00 -1.6989e+01 5.4246e+01 -3.4305e+01  
1687 0.0000e+00 0.0000e+00 0.0000e+00 -2.2516e+01 8.5956e+01 -1.5090e+01

904 1685 0.0000e+00 0.0000e+00 0.0000e+00 4.2511e+01 -9.4354e+01 -1.1421e+01  
1692 0.0000e+00 0.0000e+00 0.0000e+00 1.8680e+01 -6.4617e+01 -3.0435e+01  
1693 0.0000e+00 0.0000e+00 0.0000e+00 1.0535e+01 -4.3429e+01 -2.8823e+01  
1686 0.0000e+00 0.0000e+00 0.0000e+00 1.8481e+01 -1.7216e+01 -1.0237e+01

905 1684 0.0000e+00 0.0000e+00 0.0000e+00 6.9921e+01 -1.7719e+02 -1.0770e+01  
1691 0.0000e+00 0.0000e+00 0.0000e+00 3.2776e+01 -1.5485e+02 -2.7767e+01  
1692 0.0000e+00 0.0000e+00 0.0000e+00 1.4497e+01 -1.4497e+02 -2.8274e+01  
1685 0.0000e+00 0.0000e+00 0.0000e+00 5.3939e+01 -1.2192e+02 -1.1392e+01

906 1683 0.0000e+00 0.0000e+00 0.0000e+00 7.3614e+01 -1.8383e+02 2.7329e+01  
1690 0.0000e+00 0.0000e+00 0.0000e+00 5.9862e+01 -2.0988e+02 1.7927e+01  
1691 0.0000e+00 0.0000e+00 0.0000e+00 2.1406e+01 -2.3769e+02 -1.8642e+01  
1684 0.0000e+00 0.0000e+00 0.0000e+00 9.1719e+01 -1.9741e+02 -8.9359e+00

907 1639 0.0000e+00 0.0000e+00 0.0000e+00 2.2396e+01 -5.2200e+01 7.5253e+01  
1647 0.0000e+00 0.0000e+00 0.0000e+00 -1.4550e+01 -4.0029e+01 1.3677e+02  
1690 0.0000e+00 0.0000e+00 0.0000e+00 4.4588e+01 -2.7688e+02 8.4852e+01  
1683 0.0000e+00 0.0000e+00 0.0000e+00 8.7261e+01 -1.6140e+02 2.3621e+01

908 1682 0.0000e+00 0.0000e+00 0.0000e+00 -4.7441e+01 1.0790e+02 -4.5085e+01  
1689 0.0000e+00 0.0000e+00 0.0000e+00 -4.4830e+01 1.0519e+02 2.0485e+01  
1341 0.0000e+00 0.0000e+00 0.0000e+00 3.3670e+01 4.6597e+00 2.1867e+01  
1330 0.0000e+00 0.0000e+00 0.0000e+00 2.7058e+01 -1.7059e+00 -4.3821e+01

909 1681 0.0000e+00 0.0000e+00 0.0000e+00 -7.2702e+01 1.7784e+02 -1.4680e+01  
1688 0.0000e+00 0.0000e+00 0.0000e+00 -5.9244e+01 1.6344e+02 -3.8421e+00  
1689 0.0000e+00 0.0000e+00 0.0000e+00 -5.3390e+01 1.5038e+02 -7.6802e+00  
1682 0.0000e+00 0.0000e+00 0.0000e+00 -5.6071e+01 1.4578e+02 -1.9591e+01

910 1680 0.0000e+00 0.0000e+00 0.0000e+00 -4.1995e+01 1.2894e+02 2.0997e+01  
1687 0.0000e+00 0.0000e+00 0.0000e+00 -3.5423e+01 1.1494e+02 -6.8337e+00  
1688 0.0000e+00 0.0000e+00 0.0000e+00 -5.8960e+01 1.5858e+02 -1.7208e+01  
1681 0.0000e+00 0.0000e+00 0.0000e+00 -6.9027e+01 1.6905e+02 8.5480e+00

911 1679 0.0000e+00 0.0000e+00 0.0000e+00 1.4688e+01 2.0933e+01 4.0331e+01  
1686 0.0000e+00 0.0000e+00 0.0000e+00 1.2252e+01 1.7700e+01 -6.3616e+00

	1687	0.0000e+00	0.0000e+00	0.0000e+00	-2.7292e+01	8.4079e+01	-8.1608e+00
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-3.5328e+01	9.5888e+01	3.2678e+01
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	6.6601e+01	-9.7051e+01	3.9160e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	5.1579e+01	-8.9896e+01	-6.3854e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	2.0788e+01	-2.0868e+01	6.4564e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	2.0255e+01	-1.9416e+01	4.1984e+01
913	1677	0.0000e+00	0.0000e+00	0.0000e+00	1.0229e+02	-1.7994e+02	2.2625e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	8.5536e+01	-1.7394e+02	-7.5715e+00
	1685	0.0000e+00	0.0000e+00	0.0000e+00	6.0153e+01	-1.2280e+02	6.7392e+00
	1678	0.0000e+00	0.0000e+00	0.0000e+00	7.3070e+01	-1.3255e+02	3.0516e+01
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	8.9790e+01	-1.7043e+02	-3.1000e+00
	1683	0.0000e+00	0.0000e+00	0.0000e+00	8.0670e+01	-1.7985e+02	1.1699e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	8.5495e+01	-1.8216e+02	1.2639e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	1.0561e+02	-1.9294e+02	4.0390e+00
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	1.2360e+01	-3.6598e+01	-1.8120e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	5.0698e+00	-4.6854e+01	4.7920e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	6.9899e+01	-1.3808e+02	4.2232e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	8.0053e+01	-1.3692e+02	-2.3882e+01
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	-7.3006e+01	1.7238e+02	-1.2099e+02
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-5.1316e+01	1.1300e+02	-4.0270e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	1.8169e+01	6.2918e+00	-7.4809e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	2.9768e+01	1.5683e+01	-1.5551e+02
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	-8.6345e+01	2.3946e+02	-7.9643e+00
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-8.4333e+01	1.8965e+02	4.6340e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-6.7237e+01	1.5658e+02	-4.9751e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-7.8726e+01	2.1471e+02	-6.2291e+01
918	1673	0.0000e+00	0.0000e+00	0.0000e+00	-4.4640e+01	1.6338e+02	7.0656e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-5.2361e+01	1.3944e+02	3.7354e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	-7.5589e+01	1.7705e+02	1.4889e+00
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-8.8484e+01	2.2428e+02	3.4806e+01
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	1.2246e+01	3.0785e+01	9.9335e+01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	9.1726e+00	2.5793e+01	5.2648e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	-3.5648e+01	9.9171e+01	3.9545e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-4.1629e+01	1.2011e+02	8.6260e+01
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	7.0152e+01	-1.1274e+02	9.4297e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	6.6269e+01	-9.7960e+01	4.6856e+01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	2.4885e+01	-2.1831e+01	5.3471e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	1.6645e+01	-2.0317e+01	1.0095e+02
921	1670	0.0000e+00	0.0000e+00	0.0000e+00	1.1915e+02	-2.2854e+02	5.0976e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	1.0829e+02	-1.8593e+02	1.5963e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	8.3556e+01	-1.4085e+02	4.6276e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	7.2762e+01	-1.5891e+02	8.1519e+01
922	1669	0.0000e+00	0.0000e+00	0.0000e+00	1.1044e+02	-2.3540e+02	-4.1588e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	1.0103e+02	-1.7980e+02	-3.0722e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	1.1745e+02	-2.0291e+02	2.0690e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	1.1610e+02	-2.4864e+02	9.7862e+00
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	2.0098e-01	-5.0156e+01	-1.3372e+02
	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.1350e+01	-4.3416e+01	-5.1561e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	8.3949e+01	-1.4027e+02	-1.9238e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	1.0320e+02	-1.9791e+02	-1.0129e+02
924	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.2621e+02	3.5270e+02	-2.1645e+02
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-9.2591e+01	2.0298e+02	-1.0228e+02
	1319	0.0000e+00	0.0000e+00	0.0000e+00	-3.0482e+01	4.3959e+01	-2.0729e+02
	1308	0.0000e+00	0.0000e+00	0.0000e+00	4.1263e+01	1.0281e+02	-3.2146e+02
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	-7.7073e+01	3.5039e+02	3.9184e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-1.1731e+02	2.8064e+02	1.7786e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	-1.0624e+02	2.4437e+02	-1.0032e+02
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.3125e+02	4.0899e+02	-7.8961e+01
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	-1.9191e+01	2.0339e+02	1.3255e+02
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-5.8581e+01	1.8084e+02	8.4047e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-8.8509e+01	2.4320e+02	3.5637e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-8.6981e+01	3.1681e+02	8.4115e+01
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	9.3619e+00	4.1103e+01	1.4633e+02

	1672	0.0000e+00	0.0000e+00	0.0000e+00	5.7701e+00	3.0345e+01	1.0878e+02
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-3.6944e+01	1.3137e+02	9.7374e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-2.4462e+01	1.4326e+02	1.3492e+02
928	1664	0.0000e+00	0.0000e+00	0.0000e+00	4.0250e+01	-1.2601e+02	1.4413e+02
	1671	0.0000e+00	0.0000e+00	0.0000e+00	6.1234e+01	-1.2184e+02	1.0609e+02
	1672	0.0000e+00	0.0000e+00	0.0000e+00	1.8918e+01	-1.7344e+01	1.0970e+02
	1665	0.0000e+00	0.0000e+00	0.0000e+00	6.1291e+00	-2.0384e+01	1.4775e+02
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	1.0407e+02	-3.1423e+02	1.0243e+02
	1670	0.0000e+00	0.0000e+00	0.0000e+00	1.1474e+02	-2.4608e+02	5.2142e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	8.3318e+01	-1.7425e+02	9.4253e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	3.4152e+01	-1.8974e+02	1.4455e+02
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	1.5073e+02	-4.3035e+02	-5.7139e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	1.3446e+02	-2.6490e+02	-8.1081e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	1.4464e+02	-2.8919e+02	3.5045e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	9.2329e+01	-3.5413e+02	5.8947e+01
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	-2.7326e+01	-1.4020e+02	-3.0623e+02
	1623	0.0000e+00	0.0000e+00	0.0000e+00	5.5866e+01	-7.9740e+01	-1.8943e+02
	1669	0.0000e+00	0.0000e+00	0.0000e+00	1.2106e+02	-2.2888e+02	-8.2260e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	1.4281e+02	-3.8120e+02	-1.9905e+02
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	-1.1940e+02	1.1065e+03	-2.7793e+02
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-2.6058e+02	4.7298e+02	-9.8396e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-1.1517e+02	1.7432e+02	-4.1159e+02
	1297	0.0000e+00	0.0000e+00	0.0000e+00	9.9780e+01	1.6300e+02	-5.9114e+02
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	8.4464e+01	4.8688e+02	2.0424e+02
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-1.3543e+02	4.3052e+02	6.0719e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.3761e+02	4.4367e+02	-7.9921e+01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-2.0332e+02	6.6628e+02	6.3709e+01
934	1659	0.0000e+00	0.0000e+00	0.0000e+00	6.3616e+01	2.1244e+02	1.4930e+02
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-1.0930e+01	2.0712e+02	1.2147e+02
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-6.3628e+01	3.4410e+02	1.2395e+02
	1660	0.0000e+00	0.0000e+00	0.0000e+00	6.0753e+01	3.3386e+02	1.5176e+02
935	1658	0.0000e+00	0.0000e+00	0.0000e+00	9.8667e+00	4.3561e+01	1.3138e+02
	1665	0.0000e+00	0.0000e+00	0.0000e+00	1.0261e+01	2.8063e+01	1.3933e+02
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-8.7254e+00	1.6310e+02	1.4285e+02
	1659	0.0000e+00	0.0000e+00	0.0000e+00	4.4902e+01	1.4058e+02	1.3490e+02
936	1657	0.0000e+00	0.0000e+00	0.0000e+00	-4.6219e+01	-1.1350e+02	1.4306e+02
	1664	0.0000e+00	0.0000e+00	0.0000e+00	1.8213e+01	-1.4408e+02	1.5170e+02
	1665	0.0000e+00	0.0000e+00	0.0000e+00	-1.0381e+00	-4.7981e+00	1.4057e+02
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-9.8459e+00	-1.3116e+01	1.3194e+02
937	1656	0.0000e+00	0.0000e+00	0.0000e+00	-6.6568e+01	-3.2160e+02	1.6939e+02
	1663	0.0000e+00	0.0000e+00	0.0000e+00	7.3419e+01	-3.4092e+02	1.4268e+02
	1664	0.0000e+00	0.0000e+00	0.0000e+00	1.9532e+01	-1.9057e+02	1.3224e+02
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-6.6488e+01	-1.8916e+02	1.5896e+02
938	1655	0.0000e+00	0.0000e+00	0.0000e+00	1.9962e+02	-6.8579e+02	8.8870e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	1.4813e+02	-4.6604e+02	-5.7706e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	1.4606e+02	-4.3368e+02	7.9135e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-9.3597e+01	-4.8555e+02	2.2568e+02
939	1607	0.0000e+00	0.0000e+00	0.0000e+00	-1.1166e+02	-2.1195e+02	-5.8682e+02
	1615	0.0000e+00	0.0000e+00	0.0000e+00	1.2512e+02	-2.1695e+02	-4.0333e+02
	1662	0.0000e+00	0.0000e+00	0.0000e+00	2.7781e+02	-5.0616e+02	-7.7614e+01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	1.0535e+02	-1.1578e+03	-2.6110e+02
940	945	0.0000e+00	0.0000e+00	0.0000e+00	9.2732e+02	2.0308e+02	3.2648e+02
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-9.2562e+01	1.5810e+03	-1.3693e+02
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-8.9300e+02	4.7617e+02	-1.3619e+03
	18	0.0000e+00	0.0000e+00	0.0000e+00	8.1733e+02	4.2871e+03	-9.0140e+02
941	944	0.0000e+00	0.0000e+00	0.0000e+00	3.8020e+02	3.7547e+02	4.3714e+01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	2.2471e+02	3.8766e+02	1.3907e+02
	1661	0.0000e+00	0.0000e+00	0.0000e+00	2.5615e+02	8.3939e+02	1.7415e+02
	945	0.0000e+00	0.0000e+00	0.0000e+00	5.4562e+02	7.8223e+02	7.8779e+01
942	943	0.0000e+00	0.0000e+00	0.0000e+00	1.6672e+02	1.6497e+02	2.4945e+01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	1.2229e+02	1.6987e+02	1.1181e+02
	1660	0.0000e+00	0.0000e+00	0.0000e+00	1.7118e+02	3.8227e+02	1.4047e+02
	944	0.0000e+00	0.0000e+00	0.0000e+00	2.9468e+02	3.3046e+02	5.3438e+01

943	942	0.0000e+00	0.0000e+00	0.0000e+00	1.7816e+01	2.9217e+01	2.3796e+01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	1.9882e+01	2.0468e+01	9.8969e+01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	7.4668e+01	1.6373e+02	1.0664e+02
	943	0.0000e+00	0.0000e+00	0.0000e+00	1.1492e+02	1.3983e+02	3.1592e+01
944	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.2705e+02	-1.0803e+02	3.3881e+01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-8.1491e+01	-1.3572e+02	1.1160e+02
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-2.4761e+01	1.2156e+01	1.0052e+02
	942	0.0000e+00	0.0000e+00	0.0000e+00	-2.7157e+01	6.5073e+00	2.2918e+01
945	940	0.0000e+00	0.0000e+00	0.0000e+00	-3.1938e+02	-3.1386e+02	5.7670e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.8659e+02	-3.7102e+02	1.5296e+02
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-1.3206e+02	-1.4271e+02	1.2011e+02
	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.8193e+02	-1.3463e+02	2.4861e+01
946	939	0.0000e+00	0.0000e+00	0.0000e+00	-5.9447e+02	-8.0269e+02	8.4605e+01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-2.8862e+02	-8.6707e+02	1.9582e+02
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-2.4659e+02	-3.7750e+02	1.5573e+02
	940	0.0000e+00	0.0000e+00	0.0000e+00	-4.1242e+02	-3.6228e+02	4.4518e+01
947	17	0.0000e+00	0.0000e+00	0.0000e+00	-9.3714e+02	-4.4814e+03	-9.2193e+02
	1607	0.0000e+00	0.0000e+00	0.0000e+00	9.0959e+02	-5.4489e+02	-1.3789e+03
	1655	0.0000e+00	0.0000e+00	0.0000e+00	5.1105e+01	-1.6418e+03	-1.2441e+02
	939	0.0000e+00	0.0000e+00	0.0000e+00	-9.9939e+02	-1.9587e+02	3.3258e+02
948	1646	0.0000e+00	0.0000e+00	0.0000e+00	-1.9890e+01	3.5036e+02	9.7385e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	1.6858e+02	-5.8818e+00	2.6861e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	1.4503e+02	7.6758e+02	1.9047e+02
	1647	0.0000e+00	0.0000e+00	0.0000e+00	-1.4098e+02	8.3864e+01	2.6220e+02
949	1645	0.0000e+00	0.0000e+00	0.0000e+00	3.9559e+01	2.2888e+02	2.1615e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	9.1982e+01	-9.2793e+00	1.9437e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	1.6747e+02	5.4037e+02	3.9669e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	-4.2668e+01	2.5898e+02	4.2449e+01
950	1644	0.0000e+00	0.0000e+00	0.0000e+00	3.7334e+01	1.2565e+02	1.0709e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	4.0708e+01	-7.9091e+01	1.1910e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	9.7135e+01	3.9529e+02	1.2462e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	-2.1341e+01	1.8545e+02	1.1497e+01
951	1643	0.0000e+00	0.0000e+00	0.0000e+00	3.2034e+01	2.5007e+01	1.0944e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	1.0939e+01	-1.6212e+02	-1.2628e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	5.1643e+01	2.7571e+02	-1.1570e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	-2.5376e+01	8.7126e+01	1.0281e+01
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	2.8270e+01	-7.2991e+01	-1.1484e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-2.5736e+01	-2.5170e+02	-1.5470e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	2.2163e+01	1.7100e+02	-1.3582e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	-3.0033e+01	-1.2893e+01	-1.0349e+01
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	2.7697e+01	-1.6222e+02	-1.2897e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-7.0716e+01	-3.4907e+02	-1.7083e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-1.8994e+01	7.9979e+01	-1.5647e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	-3.6423e+01	-1.0827e+02	-1.1381e+01
954	1640	0.0000e+00	0.0000e+00	0.0000e+00	4.8827e+01	-2.2022e+02	2.4920e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-1.4192e+02	-4.6503e+02	3.1080e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-6.9579e+01	9.3735e+00	1.9868e+01
	1641	0.0000e+00	0.0000e+00	0.0000e+00	-4.2775e+01	-1.9913e+02	1.0852e+01
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	1.2315e+02	-2.9885e+01	2.3114e+02
	27	0.0000e+00	0.0000e+00	0.0000e+00	-1.4269e+02	-6.5668e+02	1.6972e+02
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-1.4897e+02	1.5718e+01	2.9004e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	4.6320e+01	-3.0005e+02	7.2144e+01
956	1638	0.0000e+00	0.0000e+00	0.0000e+00	-8.7370e+01	1.6141e+02	2.3621e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	-4.4680e+01	2.7689e+02	8.4847e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	1.4472e+01	4.0054e+01	1.3676e+02
	1639	0.0000e+00	0.0000e+00	0.0000e+00	-2.2504e+01	5.2222e+01	7.5254e+01
957	1637	0.0000e+00	0.0000e+00	0.0000e+00	-9.1825e+01	1.9740e+02	-8.9279e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	-2.1529e+01	2.3768e+02	-1.8630e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	-5.9958e+01	2.0987e+02	1.7919e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	-7.3719e+01	1.8384e+02	2.7330e+01
958	1636	0.0000e+00	0.0000e+00	0.0000e+00	-5.4055e+01	1.2190e+02	-1.1372e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	-1.4656e+01	1.4494e+02	-2.8250e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	-3.2889e+01	1.5483e+02	-2.7754e+01

1637 0.0000e+00 0.0000e+00 0.0000e+00 -7.0030e+01 1.7718e+02 -1.0760e+01

959 1635 0.0000e+00 0.0000e+00 0.0000e+00 -1.8654e+01 1.7189e+01 -1.0209e+01  
1643 0.0000e+00 0.0000e+00 0.0000e+00 -1.0718e+01 4.3394e+01 -2.8790e+01  
1644 0.0000e+00 0.0000e+00 0.0000e+00 -1.8829e+01 6.4582e+01 -3.0410e+01  
1636 0.0000e+00 0.0000e+00 0.0000e+00 -4.2636e+01 9.4328e+01 -1.1398e+01

960 1634 0.0000e+00 0.0000e+00 0.0000e+00 2.2531e+01 -8.5973e+01 -1.5054e+01  
1642 0.0000e+00 0.0000e+00 0.0000e+00 1.7086e+01 -5.4273e+01 -3.4263e+01  
1643 0.0000e+00 0.0000e+00 0.0000e+00 -1.2268e+01 -3.4220e+01 -3.0038e+01  
1635 0.0000e+00 0.0000e+00 0.0000e+00 -1.3148e+01 -1.1497e+01 -1.1336e+01

961 1633 0.0000e+00 0.0000e+00 0.0000e+00 4.7805e+01 -1.5938e+02 -2.0003e+01  
1641 0.0000e+00 0.0000e+00 0.0000e+00 3.0694e+01 -1.3634e+02 -3.6637e+01  
1642 0.0000e+00 0.0000e+00 0.0000e+00 1.6629e+01 -1.2966e+02 -3.4588e+01  
1634 0.0000e+00 0.0000e+00 0.0000e+00 3.2993e+01 -1.1143e+02 -1.7995e+01

962 1632 0.0000e+00 0.0000e+00 0.0000e+00 5.1547e+01 -1.5202e+02 9.2133e+00  
1640 0.0000e+00 0.0000e+00 0.0000e+00 5.4294e+01 -1.7701e+02 -6.3700e+00  
1641 0.0000e+00 0.0000e+00 0.0000e+00 2.5492e+01 -2.0948e+02 -2.9707e+01  
1633 0.0000e+00 0.0000e+00 0.0000e+00 6.8079e+01 -1.7564e+02 -2.1054e+01

963 1276 0.0000e+00 0.0000e+00 0.0000e+00 -2.5270e+01 -7.8141e+00 4.7616e+01  
1287 0.0000e+00 0.0000e+00 0.0000e+00 -4.5132e+01 1.1566e+01 1.1058e+02  
1640 0.0000e+00 0.0000e+00 0.0000e+00 4.5446e+01 -2.3095e+02 6.5350e+01  
1632 0.0000e+00 0.0000e+00 0.0000e+00 6.2335e+01 -1.2448e+02 3.6481e+00

964 1630 0.0000e+00 0.0000e+00 0.0000e+00 -8.0152e+01 1.3694e+02 -2.3879e+01  
1638 0.0000e+00 0.0000e+00 0.0000e+00 -7.0009e+01 1.3809e+02 4.2233e+01  
1639 0.0000e+00 0.0000e+00 0.0000e+00 -5.1956e+00 4.6875e+01 4.7919e+01  
1631 0.0000e+00 0.0000e+00 0.0000e+00 -1.2461e+01 3.6620e+01 -1.8118e+01

965 1629 0.0000e+00 0.0000e+00 0.0000e+00 -1.0570e+02 1.9293e+02 4.0471e+00  
1637 0.0000e+00 0.0000e+00 0.0000e+00 -8.5602e+01 1.8216e+02 1.2645e+01  
1638 0.0000e+00 0.0000e+00 0.0000e+00 -8.0780e+01 1.7986e+02 1.1705e+01  
1630 0.0000e+00 0.0000e+00 0.0000e+00 -8.9888e+01 1.7044e+02 -3.1135e+00

966 1628 0.0000e+00 0.0000e+00 0.0000e+00 -7.3166e+01 1.3253e+02 3.0531e+01  
1636 0.0000e+00 0.0000e+00 0.0000e+00 -6.0267e+01 1.2278e+02 6.7354e+00  
1637 0.0000e+00 0.0000e+00 0.0000e+00 -8.5644e+01 1.7393e+02 -7.5638e+00  
1629 0.0000e+00 0.0000e+00 0.0000e+00 -1.0239e+02 1.7993e+02 2.2638e+01

967 1627 0.0000e+00 0.0000e+00 0.0000e+00 -2.0389e+01 1.9393e+01 4.2000e+01  
1635 0.0000e+00 0.0000e+00 0.0000e+00 -2.0951e+01 2.0843e+01 6.4472e+00  
1636 0.0000e+00 0.0000e+00 0.0000e+00 -5.1698e+01 8.9872e+01 -6.3733e+00  
1628 0.0000e+00 0.0000e+00 0.0000e+00 -6.6700e+01 9.7030e+01 3.9174e+01

968 1626 0.0000e+00 0.0000e+00 0.0000e+00 3.5274e+01 -9.5903e+01 3.2693e+01  
1634 0.0000e+00 0.0000e+00 0.0000e+00 2.7271e+01 -8.4094e+01 -8.1275e+00  
1635 0.0000e+00 0.0000e+00 0.0000e+00 -1.2445e+01 -1.7723e+01 -6.3514e+00  
1627 0.0000e+00 0.0000e+00 0.0000e+00 -1.4844e+01 -2.0953e+01 4.0346e+01

969 1625 0.0000e+00 0.0000e+00 0.0000e+00 6.8943e+01 -1.6905e+02 8.5610e+00  
1633 0.0000e+00 0.0000e+00 0.0000e+00 5.8887e+01 -1.5857e+02 -1.7174e+01  
1634 0.0000e+00 0.0000e+00 0.0000e+00 3.5382e+01 -1.1495e+02 -6.7986e+00  
1626 0.0000e+00 0.0000e+00 0.0000e+00 4.1934e+01 -1.2895e+02 2.1011e+01

970 1624 0.0000e+00 0.0000e+00 0.0000e+00 5.5986e+01 -1.4575e+02 -1.9575e+01  
1632 0.0000e+00 0.0000e+00 0.0000e+00 5.3319e+01 -1.5036e+02 -7.6433e+00  
1633 0.0000e+00 0.0000e+00 0.0000e+00 5.9173e+01 -1.6343e+02 -3.7978e+00  
1625 0.0000e+00 0.0000e+00 0.0000e+00 7.2614e+01 -1.7782e+02 -1.4660e+01

971 1265 0.0000e+00 0.0000e+00 0.0000e+00 -2.7250e+01 1.7655e+00 -4.3803e+01  
1276 0.0000e+00 0.0000e+00 0.0000e+00 -3.3898e+01 -4.6716e+00 2.1889e+01  
1632 0.0000e+00 0.0000e+00 0.0000e+00 4.4784e+01 -1.0516e+02 2.0508e+01  
1624 0.0000e+00 0.0000e+00 0.0000e+00 4.7360e+01 -1.0787e+02 -4.5065e+01

972 1622 0.0000e+00 0.0000e+00 0.0000e+00 -1.0327e+02 1.9793e+02 -1.0128e+02  
1630 0.0000e+00 0.0000e+00 0.0000e+00 -8.4043e+01 1.4029e+02 -1.9232e+01  
1631 0.0000e+00 0.0000e+00 0.0000e+00 -2.1448e+01 4.3442e+01 -5.1560e+01  
1623 0.0000e+00 0.0000e+00 0.0000e+00 -2.9646e-01 5.0190e+01 -1.3371e+02

973 1621 0.0000e+00 0.0000e+00 0.0000e+00 -1.1616e+02 2.4864e+02 9.8048e+00  
1629 0.0000e+00 0.0000e+00 0.0000e+00 -1.1754e+02 2.0291e+02 2.0701e+01  
1630 0.0000e+00 0.0000e+00 0.0000e+00 -1.0113e+02 1.7981e+02 -3.0713e+01  
1622 0.0000e+00 0.0000e+00 0.0000e+00 -1.1051e+02 2.3542e+02 -4.1572e+01

974 1620 0.0000e+00 0.0000e+00 0.0000e+00 -7.2825e+01 1.5889e+02 8.1534e+01  
1628 0.0000e+00 0.0000e+00 0.0000e+00 -8.3643e+01 1.4083e+02 4.6288e+01

	1629	0.0000e+00	0.0000e+00	0.0000e+00	-1.0837e+02	1.8592e+02	1.5979e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	-1.1921e+02	2.2853e+02	5.0994e+01
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	-1.6730e+01	2.0293e+01	1.0096e+02
	1627	0.0000e+00	0.0000e+00	0.0000e+00	-2.4999e+01	2.1810e+01	5.3484e+01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	-6.6359e+01	9.7941e+01	4.6872e+01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	-7.0217e+01	1.1272e+02	9.4311e+01
976	1618	0.0000e+00	0.0000e+00	0.0000e+00	4.1574e+01	-1.2013e+02	8.6267e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	3.5590e+01	-9.9184e+01	3.9557e+01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	-9.3296e+00	-2.5813e+01	5.2664e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	-1.2344e+01	-3.0807e+01	9.9346e+01
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	8.8414e+01	-2.2428e+02	3.4810e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	7.5505e+01	-1.7704e+02	1.4934e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	5.2292e+01	-1.3945e+02	3.7368e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	4.4584e+01	-1.6339e+02	7.0663e+01
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	7.8645e+01	-2.1468e+02	-6.2290e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	6.7144e+01	-1.5655e+02	-4.9738e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	8.4244e+01	-1.8963e+02	4.6459e+00
	1617	0.0000e+00	0.0000e+00	0.0000e+00	8.6274e+01	-2.3945e+02	-7.9646e+00
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	-2.9890e+01	-1.5637e+01	-1.5550e+02
	1265	0.0000e+00	0.0000e+00	0.0000e+00	-1.8351e+01	-6.2551e+00	-7.4789e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	5.1231e+01	-1.1297e+02	-4.0255e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	7.2925e+01	-1.7234e+02	-1.2098e+02
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	-1.4284e+02	3.8124e+02	-1.9903e+02
	1622	0.0000e+00	0.0000e+00	0.0000e+00	-1.2113e+02	2.2891e+02	-8.2246e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	-5.5932e+01	7.9781e+01	-1.8943e+02
	1615	0.0000e+00	0.0000e+00	0.0000e+00	2.7293e+01	1.4026e+02	-3.0622e+02
981	1613	0.0000e+00	0.0000e+00	0.0000e+00	-9.2353e+01	3.5412e+02	5.8968e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	-1.4469e+02	2.8919e+02	3.5060e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	-1.3452e+02	2.6492e+02	-8.1062e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-1.5076e+02	4.3037e+02	-5.7115e+01
982	1612	0.0000e+00	0.0000e+00	0.0000e+00	-3.4187e+01	1.8972e+02	1.4456e+02
	1620	0.0000e+00	0.0000e+00	0.0000e+00	-8.3369e+01	1.7423e+02	9.4266e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	-1.1479e+02	2.4607e+02	5.2161e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-1.0410e+02	3.1421e+02	1.0244e+02
983	1611	0.0000e+00	0.0000e+00	0.0000e+00	-6.1794e+00	2.0359e+01	1.4775e+02
	1619	0.0000e+00	0.0000e+00	0.0000e+00	-1.8986e+01	1.7321e+01	1.0971e+02
	1620	0.0000e+00	0.0000e+00	0.0000e+00	-6.1289e+01	1.2181e+02	1.0610e+02
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-4.0286e+01	1.2598e+02	1.4415e+02
984	1610	0.0000e+00	0.0000e+00	0.0000e+00	2.4423e+01	-1.4328e+02	1.3492e+02
	1618	0.0000e+00	0.0000e+00	0.0000e+00	3.6894e+01	-1.3138e+02	9.7380e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	-5.8659e+00	-3.0368e+01	1.0879e+02
	1611	0.0000e+00	0.0000e+00	0.0000e+00	-9.4093e+00	-4.1128e+01	1.4634e+02
985	1609	0.0000e+00	0.0000e+00	0.0000e+00	8.6943e+01	-3.1682e+02	8.4113e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	8.8448e+01	-2.4320e+02	3.5637e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	5.8528e+01	-1.8085e+02	8.4054e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	1.9152e+01	-2.0341e+02	1.3255e+02
986	1608	0.0000e+00	0.0000e+00	0.0000e+00	1.3120e+02	-4.0896e+02	-7.8974e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.0617e+02	-2.4434e+02	-1.0032e+02
	1617	0.0000e+00	0.0000e+00	0.0000e+00	1.1725e+02	-2.8063e+02	1.7789e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	7.7036e+01	-3.5039e+02	3.9178e+01
987	1243	0.0000e+00	0.0000e+00	0.0000e+00	-4.1314e+01	-1.0274e+02	-3.2145e+02
	1254	0.0000e+00	0.0000e+00	0.0000e+00	3.0412e+01	-4.3907e+01	-2.0728e+02
	1616	0.0000e+00	0.0000e+00	0.0000e+00	9.2512e+01	-2.0294e+02	-1.0227e+02
	1608	0.0000e+00	0.0000e+00	0.0000e+00	1.2617e+02	-3.5265e+02	-2.1645e+02
988	1606	0.0000e+00	0.0000e+00	0.0000e+00	-1.0530e+02	1.1579e+03	-2.6107e+02
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-2.7783e+02	5.0621e+02	-7.7591e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.2514e+02	2.1702e+02	-4.0332e+02
	1607	0.0000e+00	0.0000e+00	0.0000e+00	1.1169e+02	2.1206e+02	-5.8681e+02
989	1605	0.0000e+00	0.0000e+00	0.0000e+00	9.3588e+01	4.8553e+02	2.2568e+02
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-1.4607e+02	4.3367e+02	7.9149e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-1.4814e+02	4.6606e+02	-5.7674e+01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-1.9960e+02	6.8578e+02	8.8887e+01
990	1604	0.0000e+00	0.0000e+00	0.0000e+00	6.6453e+01	1.8914e+02	1.5895e+02

	1612	0.0000e+00	0.0000e+00	0.0000e+00	-1.9561e+01	1.9054e+02	1.3225e+02
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-7.3440e+01	3.4091e+02	1.4269e+02
	1605	0.0000e+00	0.0000e+00	0.0000e+00	6.6555e+01	3.2158e+02	1.6939e+02
991	1603	0.0000e+00	0.0000e+00	0.0000e+00	9.8019e+00	1.3094e+01	1.3194e+02
	1611	0.0000e+00	0.0000e+00	0.0000e+00	1.0535e+00	4.7744e+00	1.4058e+02
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-1.8247e+01	1.4405e+02	1.5171e+02
	1604	0.0000e+00	0.0000e+00	0.0000e+00	4.6181e+01	1.1348e+02	1.4306e+02
992	1602	0.0000e+00	0.0000e+00	0.0000e+00	-4.4943e+01	-1.4060e+02	1.3491e+02
	1610	0.0000e+00	0.0000e+00	0.0000e+00	8.6855e+00	-1.6312e+02	1.4286e+02
	1611	0.0000e+00	0.0000e+00	0.0000e+00	-1.0299e+01	-2.8089e+01	1.3933e+02
	1603	0.0000e+00	0.0000e+00	0.0000e+00	-9.9125e+00	-4.3583e+01	1.3139e+02
993	1601	0.0000e+00	0.0000e+00	0.0000e+00	-6.0775e+01	-3.3387e+02	1.5177e+02
	1609	0.0000e+00	0.0000e+00	0.0000e+00	6.3597e+01	-3.4410e+02	1.2395e+02
	1610	0.0000e+00	0.0000e+00	0.0000e+00	1.0891e+01	-2.0714e+02	1.2148e+02
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-6.3655e+01	-2.1246e+02	1.4931e+02
994	1600	0.0000e+00	0.0000e+00	0.0000e+00	2.0333e+02	-6.6628e+02	6.3702e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	1.3759e+02	-4.4363e+02	-7.9943e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	1.3541e+02	-4.3052e+02	6.0718e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-8.4482e+01	-4.8689e+02	2.0425e+02
995	1232	0.0000e+00	0.0000e+00	0.0000e+00	-9.9775e+01	-1.6289e+02	-5.9114e+02
	1243	0.0000e+00	0.0000e+00	0.0000e+00	1.1513e+02	-1.7424e+02	-4.1158e+02
	1608	0.0000e+00	0.0000e+00	0.0000e+00	2.6055e+02	-4.7292e+02	-9.8407e+01
	1600	0.0000e+00	0.0000e+00	0.0000e+00	1.1945e+02	-1.1065e+03	-2.7795e+02
996	868	0.0000e+00	0.0000e+00	0.0000e+00	9.9938e+02	1.9576e+02	3.3241e+02
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-5.0967e+01	1.6418e+03	-1.2442e+02
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-9.0964e+02	5.4505e+02	-1.3789e+03
	17	0.0000e+00	0.0000e+00	0.0000e+00	9.3763e+02	4.4816e+03	-9.2204e+02
997	867	0.0000e+00	0.0000e+00	0.0000e+00	4.1235e+02	3.6227e+02	4.4468e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	2.4658e+02	3.7746e+02	1.5573e+02
	1606	0.0000e+00	0.0000e+00	0.0000e+00	2.8870e+02	8.6707e+02	1.9579e+02
	868	0.0000e+00	0.0000e+00	0.0000e+00	5.9440e+02	8.0271e+02	8.4532e+01
998	866	0.0000e+00	0.0000e+00	0.0000e+00	1.8184e+02	1.3462e+02	2.4839e+01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	1.3201e+02	1.4268e+02	1.2010e+02
	1605	0.0000e+00	0.0000e+00	0.0000e+00	1.8657e+02	3.7100e+02	1.5293e+02
	867	0.0000e+00	0.0000e+00	0.0000e+00	3.1930e+02	3.1386e+02	5.7632e+01
999	865	0.0000e+00	0.0000e+00	0.0000e+00	2.7052e+01	-6.5164e+00	2.2918e+01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	2.4704e+01	-1.2177e+01	1.0053e+02
	1604	0.0000e+00	0.0000e+00	0.0000e+00	8.1440e+01	1.3570e+02	1.1159e+02
	866	0.0000e+00	0.0000e+00	0.0000e+00	1.2695e+02	1.0802e+02	3.3866e+01
1000	864	0.0000e+00	0.0000e+00	0.0000e+00	-1.1502e+02	-1.3983e+02	3.1614e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-7.4722e+01	-1.6374e+02	1.0666e+02
	1603	0.0000e+00	0.0000e+00	0.0000e+00	-1.9940e+01	-2.0489e+01	9.8972e+01
	865	0.0000e+00	0.0000e+00	0.0000e+00	-1.7915e+01	-2.9225e+01	2.3802e+01
1001	863	0.0000e+00	0.0000e+00	0.0000e+00	-2.9477e+02	-3.3045e+02	5.3489e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-1.7121e+02	-3.8229e+02	1.4050e+02
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-1.2234e+02	-1.6989e+02	1.1183e+02
	864	0.0000e+00	0.0000e+00	0.0000e+00	-1.6682e+02	-1.6497e+02	2.4978e+01
1002	862	0.0000e+00	0.0000e+00	0.0000e+00	-5.4569e+02	-7.8220e+02	7.8878e+01
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-2.5610e+02	-8.3939e+02	1.7419e+02
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-2.2473e+02	-3.8768e+02	1.3908e+02
	863	0.0000e+00	0.0000e+00	0.0000e+00	-3.8028e+02	-3.7548e+02	4.3785e+01
1003	16	0.0000e+00	0.0000e+00	0.0000e+00	-8.1694e+02	-4.2869e+03	-9.0128e+02
	1232	0.0000e+00	0.0000e+00	0.0000e+00	8.9293e+02	-4.7600e+02	-1.3619e+03
	1600	0.0000e+00	0.0000e+00	0.0000e+00	9.2766e+01	-1.5809e+03	-1.3691e+02
	862	0.0000e+00	0.0000e+00	0.0000e+00	-9.2734e+02	-2.0320e+02	3.2669e+02
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	-1.4045e+02	2.0813e+02	1.0594e+02
	1599	0.0000e+00	0.0000e+00	0.0000e+00	2.0597e+02	-8.0556e+01	7.5451e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	2.7465e+02	5.8130e+02	2.0820e+02
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-1.2053e+02	-6.7058e+01	2.6882e+02
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	1.0931e+02	1.3616e+02	3.6804e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	1.2240e+02	-6.9006e+01	4.9295e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	1.9021e+02	4.0238e+02	7.0253e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-1.2428e+02	1.4449e+02	6.1442e+01

1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	9.1323e+01	5.0792e+01	1.9307e+01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	7.3616e+01	-1.2985e+02	3.0798e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	1.1495e+02	2.9446e+02	3.9167e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-8.8798e+01	1.0274e+02	2.7605e+01
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	8.0621e+01	-3.2888e+01	1.4687e+01
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-5.9399e+01	-2.0977e+02	1.8885e+01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	7.1278e+01	2.0556e+02	2.4244e+01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-7.4499e+01	2.5793e+01	2.0068e+01
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	8.3010e+01	-1.1017e+02	1.7881e+01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-8.4844e+01	-3.0025e+02	1.8503e+01
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-5.9723e+01	1.2616e+02	1.7209e+01
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-7.2602e+01	-5.8596e+01	1.8270e+01
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	1.2163e+02	-1.4987e+02	5.7336e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-1.4333e+02	-4.0915e+02	4.5650e+01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-8.8641e+01	6.3467e+01	2.2508e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-8.0359e+01	-1.4664e+02	3.5540e+01
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	1.3506e+02	6.8595e+01	2.7744e+02
	30	0.0000e+00	0.0000e+00	0.0000e+00	-1.8600e+02	-5.7955e+02	1.9143e+02
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-1.5080e+02	6.0891e+01	3.1939e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	1.2929e+02	-2.1338e+02	1.0446e+02
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	-8.1822e+01	3.7059e+01	3.6602e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-1.0909e+02	1.3238e+02	1.0461e+02
	1427	0.0000e+00	0.0000e+00	0.0000e+00	1.2911e+02	-9.0509e+01	1.4353e+02
	1416	0.0000e+00	0.0000e+00	0.0000e+00	9.4625e+01	-7.8583e+01	7.5489e+01
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	-8.6561e+01	9.2889e+01	5.7411e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-9.2277e+01	1.3701e+02	-1.0838e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-1.0233e+02	1.0313e+02	4.2166e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-8.4645e+01	6.2829e+01	4.3725e+01
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	-7.3899e+01	4.4655e+01	-6.6341e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	8.0609e+01	6.9220e+01	-2.0542e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-8.7985e+01	7.3347e+01	-1.3481e+01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-7.9117e+01	8.1301e+01	5.5081e+00
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	7.3732e+01	-3.2015e+01	-8.5322e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	7.6806e+01	-1.1528e+01	-2.1010e+01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-7.7571e+01	6.3021e+00	-2.1000e+01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-7.1980e+01	2.5585e+01	-7.9662e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	8.3425e+01	-8.7085e+01	1.3120e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	8.2616e+01	-8.1462e+01	-1.2663e+01
	1590	0.0000e+00	0.0000e+00	0.0000e+00	7.5057e+01	-7.6581e+01	-1.8776e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	7.8061e+01	-5.1302e+01	-9.7912e+00
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	7.9702e+01	-6.5652e+01	5.1823e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	9.7827e+01	-1.1149e+02	4.7370e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	8.0192e+01	-1.4404e+02	1.0342e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	9.4987e+01	-9.9260e+01	1.3832e+01
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	-6.2784e+01	7.8204e+01	8.0018e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-8.5033e+01	9.0313e+01	1.4783e+02
	1588	0.0000e+00	0.0000e+00	0.0000e+00	9.8549e+01	-1.3164e+02	1.1036e+02
	1582	0.0000e+00	0.0000e+00	0.0000e+00	7.6362e+01	-3.7233e+01	4.3283e+01
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	-5.6299e+01	1.9851e+01	-2.0704e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-7.8028e+01	1.9251e+01	4.8196e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	1.0469e+02	-7.8917e+01	4.9668e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	8.8988e+01	-8.2434e+01	-1.9465e+01
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	-6.2496e+01	8.4327e+01	3.6450e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-7.5481e+01	7.6511e+01	2.1509e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-7.4894e+01	5.9332e+01	2.1878e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-5.7771e+01	5.1058e+01	5.2635e+00
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	-5.3472e+01	4.8938e+01	2.7194e+01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-6.7462e+01	4.3746e+01	9.3997e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-7.3556e+01	7.7817e+01	4.1176e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-6.2183e+01	8.2195e+01	2.2905e+01
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	5.7988e+01	-3.0754e+01	3.7062e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	6.9119e+01	-2.7719e+01	9.8921e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-6.6104e+01	2.1745e+01	5.7146e+00



	1579	0.0000e+00	0.0000e+00	0.0000e+00	-5.1759e+01	2.7590e+01	3.5238e+01
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	7.2615e+01	-8.5461e+01	2.9053e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	7.9849e+01	-8.3782e+01	1.3684e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	7.1370e+01	-4.9657e+01	1.2569e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	6.0220e+01	-5.2223e+01	3.0038e+01
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	5.6619e+01	-5.4208e+01	1.3205e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	6.9613e+01	-6.2997e+01	2.9807e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	7.9564e+01	-8.1839e+01	2.8167e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	7.1834e+01	-8.7576e+01	1.1686e+01
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	-6.1281e+01	7.9326e+01	-1.6893e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-6.9677e+01	7.7304e+01	5.3942e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	6.5845e+01	-2.0368e+01	5.4260e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	4.8541e+01	-2.2028e+01	-1.8197e+01
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	-4.5530e+01	8.0459e+01	-1.0626e+02
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-5.1487e+01	2.2101e+01	-2.1175e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	7.6221e+01	-7.4675e+01	-4.9825e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	7.2177e+01	-7.0694e+01	-1.3497e+02
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	-6.4447e+01	1.4527e+02	-6.9990e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-6.5055e+01	9.3866e+01	1.9265e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-5.3306e+01	6.0584e+01	-3.2217e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-5.2401e+01	1.1899e+02	-5.3406e+01
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	-3.4503e+01	7.7674e+01	7.4466e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-4.9666e+01	5.8175e+01	4.4400e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-6.0234e+01	8.7221e+01	1.2150e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-6.7449e+01	1.4014e+02	4.1735e+01
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	4.1783e+01	-4.4527e+01	9.0759e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	4.8966e+01	-2.7869e+01	4.4729e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-4.3558e+01	2.5252e+01	4.2719e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-3.3556e+01	4.5600e+01	8.9004e+01
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	7.7733e+01	-1.4057e+02	4.7233e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	7.2037e+01	-9.0366e+01	1.8858e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	5.9921e+01	-6.0875e+01	4.6783e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	4.2265e+01	-7.7047e+01	7.6910e+01
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	6.0734e+01	-1.2300e+02	-4.7823e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	5.8043e+01	-6.4360e+01	-2.8132e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	7.7080e+01	-9.7366e+01	2.5325e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	7.3972e+01	-1.4658e+02	1.0076e+01
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	-5.6653e+01	6.3949e+01	-1.3153e+02
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-5.2168e+01	7.0314e+01	-4.6821e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	4.7197e+01	-2.6378e+01	-1.8240e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	5.2332e+01	-8.5544e+01	-1.0139e+02
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.2090e+02	2.5989e+02	-2.2138e+02
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-6.5047e+01	1.0492e+02	-9.4892e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-2.6908e+01	-4.5918e+01	-1.8533e+02
	1383	0.0000e+00	0.0000e+00	0.0000e+00	5.1700e+01	2.1590e+01	-3.1179e+02
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	-8.7826e+01	2.7592e+02	3.5602e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-1.0306e+02	1.8742e+02	2.5441e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-8.5762e+01	1.4878e+02	-9.8613e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.2401e+02	3.2715e+02	-8.9163e+01
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	-2.3130e+01	1.2887e+02	1.4994e+02
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-5.1486e+01	9.9734e+01	9.4744e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-8.0458e+01	1.5730e+02	3.6512e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-9.4784e+01	2.5665e+02	9.1195e+01
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	2.9408e+01	-6.1233e+01	1.5969e+02
	1572	0.0000e+00	0.0000e+00	0.0000e+00	3.1366e+01	-4.6082e+01	1.0382e+02
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-2.5708e+01	4.7624e+01	1.0228e+02
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-2.8815e+01	6.6115e+01	1.5817e+02
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	9.3634e+01	-2.5306e+02	9.5891e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	8.7464e+01	-1.5769e+02	4.2062e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	5.8316e+01	-9.8203e+01	9.7018e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	2.3414e+01	-1.2462e+02	1.5149e+02
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	1.2324e+02	-3.3090e+02	-8.1717e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	9.3061e+01	-1.5336e+02	-9.2145e+01

	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.1040e+02	-1.8878e+02	3.0897e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	8.5824e+01	-2.7426e+02	4.1579e+01
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	-5.1621e+01	-2.1611e+01	-3.0752e+02
	1329	0.0000e+00	0.0000e+00	0.0000e+00	2.2130e+01	3.7527e+01	-1.8237e+02
	1570	0.0000e+00	0.0000e+00	0.0000e+00	7.2567e+01	-1.1182e+02	-8.9560e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	1.1860e+02	-2.6785e+02	-2.1452e+02
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	-2.1962e+02	9.5849e+02	-3.3135e+02
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-2.3046e+02	3.6741e+02	-1.1985e+02
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-1.4327e+02	7.2108e+01	-4.0954e+02
	1372	0.0000e+00	0.0000e+00	0.0000e+00	1.0086e+02	1.1213e+02	-6.2131e+02
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	4.3662e+01	4.8261e+02	2.1935e+02
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.8596e+02	3.7474e+02	7.1669e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.5969e+02	3.6721e+02	-1.1751e+02
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-2.6368e+02	6.6731e+02	3.2685e+01
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	2.8112e+01	1.6406e+02	1.9429e+02
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-3.7613e+01	1.4169e+02	1.4869e+02
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.0638e+02	2.8553e+02	1.3262e+02
	1562	0.0000e+00	0.0000e+00	0.0000e+00	2.3269e+01	2.9827e+02	1.7810e+02
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.1968e+01	-5.6787e+01	1.8272e+02
	1566	0.0000e+00	0.0000e+00	0.0000e+00	1.9880e+01	-7.9799e+01	1.6972e+02
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-2.2399e+01	8.4840e+01	1.6964e+02
	1561	0.0000e+00	0.0000e+00	0.0000e+00	9.4238e+00	6.2103e+01	1.8263e+02
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	-2.6172e+01	-2.9165e+02	1.7742e+02
	1565	0.0000e+00	0.0000e+00	0.0000e+00	1.0162e+02	-2.8244e+02	1.3575e+02
	1566	0.0000e+00	0.0000e+00	0.0000e+00	3.4076e+01	-1.3599e+02	1.5030e+02
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-3.1943e+01	-1.5853e+02	1.9205e+02
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	2.4445e+02	-6.5935e+02	3.8314e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	1.5149e+02	-3.7188e+02	-1.0751e+02
	1565	0.0000e+00	0.0000e+00	0.0000e+00	1.7870e+02	-3.7027e+02	7.5664e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-5.1153e+01	-4.7736e+02	2.1882e+02
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	-1.1786e+02	-1.2995e+02	-6.1666e+02
	1318	0.0000e+00	0.0000e+00	0.0000e+00	1.3960e+02	-8.6403e+01	-4.0576e+02
	1564	0.0000e+00	0.0000e+00	0.0000e+00	2.2691e+02	-3.7753e+02	-1.1219e+02
	1558	0.0000e+00	0.0000e+00	0.0000e+00	1.9244e+02	-9.7314e+02	-3.2270e+02
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	1.0047e+03	4.3994e+02	4.1212e+02
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-3.5124e+02	1.5190e+03	-1.2400e+02
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-8.7136e+02	3.9073e+02	-1.4395e+03
	20	0.0000e+00	0.0000e+00	0.0000e+00	7.0571e+02	4.3308e+03	-9.2675e+02
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	3.4547e+02	3.4202e+02	7.4769e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	1.8169e+02	4.0140e+02	1.4321e+02
	1563	0.0000e+00	0.0000e+00	0.0000e+00	1.1001e+02	8.4670e+02	1.9753e+02
	1077	0.0000e+00	0.0000e+00	0.0000e+00	6.0396e+02	7.8973e+02	1.2949e+02
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	1.2491e+02	1.1628e+02	5.3093e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	8.2632e+01	1.0848e+02	1.4857e+02
	1562	0.0000e+00	0.0000e+00	0.0000e+00	1.3052e+02	3.6728e+02	1.7339e+02
	1076	0.0000e+00	0.0000e+00	0.0000e+00	2.5778e+02	3.0639e+02	7.9643e+01
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	-5.6315e+01	-7.5210e+01	5.0738e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-3.1423e+01	-1.0052e+02	1.4638e+02
	1561	0.0000e+00	0.0000e+00	0.0000e+00	2.9402e+01	1.0508e+02	1.4915e+02
	1075	0.0000e+00	0.0000e+00	0.0000e+00	6.1272e+01	7.4173e+01	5.4040e+01
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	-2.5664e+02	-3.0908e+02	6.5589e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.3832e+02	-3.6166e+02	1.6582e+02
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-8.5757e+01	-1.0322e+02	1.4709e+02
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.2080e+02	-1.1507e+02	4.5397e+01
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	-6.0327e+02	-7.9538e+02	1.0275e+02
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-1.2420e+02	-8.4430e+02	1.8798e+02
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.9457e+02	-3.8888e+02	1.4146e+02
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-3.4701e+02	-3.3743e+02	5.5544e+01
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	-8.1709e+02	-4.3678e+03	-9.6151e+02
	1307	0.0000e+00	0.0000e+00	0.0000e+00	8.7492e+02	-4.2405e+02	-1.4251e+03
	1558	0.0000e+00	0.0000e+00	0.0000e+00	2.8314e+02	-1.5201e+03	-1.2767e+02
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-1.0180e+03	-3.9584e+02	3.4959e+02
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	-1.2952e+02	2.1347e+02	1.0450e+02

	1557	0.0000e+00	0.0000e+00	0.0000e+00	1.5092e+02	-6.1008e+01	3.2125e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	1.8646e+02	5.7976e+02	1.9144e+02
	1277	0.0000e+00	0.0000e+00	0.0000e+00	-1.3525e+02	-6.8492e+01	2.7749e+02
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	8.0473e+01	1.4671e+02	3.5518e+01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	8.8734e+01	-6.3454e+01	2.2550e+01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	1.4345e+02	4.0926e+02	4.5690e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-1.2182e+02	1.4994e+02	5.7345e+01
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	7.2661e+01	5.8662e+01	1.8151e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	5.9758e+01	-1.2608e+02	1.7112e+01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	8.4935e+01	3.0028e+02	1.8483e+01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-8.3106e+01	1.1022e+02	1.7830e+01
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	7.4551e+01	-2.5759e+01	1.9884e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-7.1233e+01	-2.0539e+02	2.4066e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	5.9438e+01	2.0974e+02	1.8741e+01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	-8.0673e+01	3.2968e+01	1.4542e+01
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	8.8872e+01	-1.0261e+02	2.7396e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.1487e+02	-2.9415e+02	3.8973e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-7.3585e+01	1.2979e+02	3.0619e+01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	-9.1360e+01	-5.0731e+01	1.9118e+01
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.2441e+02	-1.4425e+02	6.1287e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-1.9013e+02	-4.0189e+02	7.0071e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.2234e+02	6.8954e+01	4.9107e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	-1.0937e+02	-1.3602e+02	3.6645e+01
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	1.2044e+02	6.7228e+01	2.6870e+02
	25	0.0000e+00	0.0000e+00	0.0000e+00	-2.7511e+02	-5.8058e+02	2.0807e+02
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-2.0594e+02	8.0696e+01	7.5269e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.4063e+02	-2.0782e+02	1.0578e+02
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	-7.6562e+01	3.7273e+01	4.3307e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-9.8747e+01	1.3170e+02	1.1038e+02
	1277	0.0000e+00	0.0000e+00	0.0000e+00	8.5147e+01	-9.0223e+01	1.4788e+02
	1266	0.0000e+00	0.0000e+00	0.0000e+00	6.2864e+01	-7.8148e+01	8.0075e+01
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	-9.5185e+01	9.9301e+01	1.3764e+01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-8.0320e+01	1.4409e+02	1.0225e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-9.8008e+01	1.1155e+02	4.7368e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-7.9898e+01	6.5692e+01	5.1839e+01
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	-7.8193e+01	5.1354e+01	-9.6362e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	-7.5135e+01	7.6626e+01	-1.8678e+01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-8.2737e+01	8.1511e+01	-1.2537e+01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-8.3597e+01	8.7122e+01	1.3033e+01
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	7.2014e+01	-2.5555e+01	-7.7672e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	7.7619e+01	-6.4670e+00	-2.0880e+01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	-7.6876e+01	1.1666e+01	-2.0902e+01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	-7.3834e+01	3.2079e+01	-8.3658e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	7.9067e+01	-8.1190e+01	5.3142e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	8.8022e+01	-7.3266e+01	-1.3263e+01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	-8.0653e+01	-6.9147e+01	-2.0396e+01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	7.3898e+01	-4.4609e+01	-6.4341e+00
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	8.4583e+01	-6.2618e+01	4.3694e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.0235e+02	-1.0296e+02	4.2088e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	9.2318e+01	-1.3684e+02	-1.0545e+01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	8.6469e+01	-9.2765e+01	5.5478e+00
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	-9.4638e+01	7.8759e+01	7.5344e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-1.2920e+02	9.0744e+01	1.4340e+02
	1546	0.0000e+00	0.0000e+00	0.0000e+00	1.0913e+02	-1.3208e+02	1.0455e+02
	1540	0.0000e+00	0.0000e+00	0.0000e+00	8.1731e+01	-3.6778e+01	3.6524e+01
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	-4.8689e+01	2.2057e+01	-1.8130e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-6.6016e+01	2.0398e+01	5.4296e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	6.9637e+01	-7.7258e+01	5.3992e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	6.1166e+01	-7.9295e+01	-1.6823e+01
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	-7.2035e+01	8.7595e+01	1.1643e+01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-7.9748e+01	8.1870e+01	2.8159e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-6.9792e+01	6.3035e+01	2.9817e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-5.6799e+01	5.4234e+01	1.3190e+01

1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	-6.0358e+01	5.2239e+01	3.0031e+01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	-7.1493e+01	4.9697e+01	1.2493e+01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-8.0021e+01	8.3814e+01	1.3612e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-7.2808e+01	8.5477e+01	2.9052e+01
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	5.1694e+01	-2.7543e+01	3.5227e+01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	6.6106e+01	-2.1731e+01	5.5592e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	-6.9214e+01	2.7776e+01	9.7670e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-5.8098e+01	3.0773e+01	3.7052e+01
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	6.1980e+01	-8.2110e+01	2.2897e+01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	7.3456e+01	-7.7724e+01	4.0364e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	6.7432e+01	-4.3698e+01	9.2909e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	5.3368e+01	-4.8886e+01	2.7172e+01
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	5.7587e+01	-5.0909e+01	5.3937e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	7.4791e+01	-5.9148e+01	2.1840e+01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	7.5372e+01	-7.6395e+01	2.1478e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	6.2273e+01	-8.4224e+01	3.7263e+00
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	-8.9053e+01	8.2582e+01	-1.9524e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	-1.0475e+02	7.9083e+01	4.9525e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	7.7943e+01	-1.8979e+01	4.8120e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	5.6149e+01	-1.9648e+01	-2.0785e+01
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	-5.2531e+01	8.5568e+01	-1.0134e+02
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-4.7356e+01	2.6411e+01	-1.8178e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	5.2057e+01	-7.0286e+01	-4.6765e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	5.6465e+01	-6.3926e+01	-1.3148e+02
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	-7.4177e+01	1.4658e+02	1.0051e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-7.7288e+01	9.7380e+01	2.5336e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-5.8236e+01	6.4385e+01	-2.8075e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-6.0939e+01	1.2301e+02	-4.7774e+01
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	-4.2416e+01	7.7032e+01	7.6920e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-6.0076e+01	6.0883e+01	4.6788e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-7.2232e+01	9.0378e+01	1.8849e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-7.7938e+01	1.4057e+02	4.7255e+01
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	3.3316e+01	-4.5570e+01	8.8990e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	4.3460e+01	-2.5213e+01	4.2710e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-4.9057e+01	2.7877e+01	4.4728e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-4.1923e+01	4.4506e+01	9.0760e+01
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	6.7144e+01	-1.4009e+02	4.1708e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	5.9973e+01	-8.7148e+01	1.2173e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	4.9476e+01	-5.8129e+01	4.4386e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	3.4245e+01	-7.7645e+01	7.4443e+01
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	5.2044e+01	-1.1890e+02	-5.3507e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	5.3028e+01	-6.0458e+01	-3.2310e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	6.4774e+01	-9.3778e+01	1.9253e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	6.4130e+01	-1.4520e+02	-7.1407e+00
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	-7.2279e+01	7.0839e+01	-1.3507e+02
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-7.6256e+01	7.4819e+01	-4.9911e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	5.1270e+01	-2.1955e+01	-2.1273e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	4.5157e+01	-8.0354e+01	-1.0635e+02
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.1879e+02	2.6787e+02	-2.1448e+02
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-7.2773e+01	1.1184e+02	-8.9514e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	-2.2222e+01	-3.7510e+01	-1.8233e+02
	1233	0.0000e+00	0.0000e+00	0.0000e+00	5.1429e+01	2.1679e+01	-3.0748e+02
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	-8.6021e+01	2.7423e+02	4.1608e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-1.1061e+02	1.8878e+02	3.0921e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-9.3266e+01	1.5338e+02	-9.2099e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.2343e+02	3.3090e+02	-8.1677e+01
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	-2.3604e+01	1.2458e+02	1.5149e+02
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-5.8504e+01	9.8180e+01	9.7026e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-8.7666e+01	1.5767e+02	4.2084e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-9.3837e+01	2.5303e+02	9.5911e+01
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	2.8559e+01	-6.6121e+01	1.5814e+02
	1530	0.0000e+00	0.0000e+00	0.0000e+00	2.5440e+01	-4.7605e+01	1.0227e+02
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-3.1498e+01	4.6052e+01	1.0382e+02

	1525	0.0000e+00	0.0000e+00	0.0000e+00	-2.9604e+01	6.1182e+01	1.5968e+02
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	9.4545e+01	-2.5664e+02	9.1140e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	8.0170e+01	-1.5726e+02	3.6484e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	5.1209e+01	-9.9716e+01	9.4719e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	2.2866e+01	-1.2887e+02	1.4990e+02
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	1.2376e+02	-3.2708e+02	-8.9269e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	8.5442e+01	-1.4869e+02	-9.8706e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.0277e+02	-1.8737e+02	2.5412e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	8.7592e+01	-2.7589e+02	3.5554e+01
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	-5.1900e+01	-2.1779e+01	-3.1189e+02
	1182	0.0000e+00	0.0000e+00	0.0000e+00	2.6588e+01	4.6083e+01	-1.8542e+02
	1528	0.0000e+00	0.0000e+00	0.0000e+00	6.4690e+01	-1.0483e+02	-9.4990e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	1.2066e+02	-2.5980e+02	-2.2147e+02
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.9261e+02	9.7318e+02	-3.2267e+02
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-2.2710e+02	3.7756e+02	-1.1216e+02
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-1.3978e+02	8.6480e+01	-4.0574e+02
	1222	0.0000e+00	0.0000e+00	0.0000e+00	1.1779e+02	1.3004e+02	-6.1664e+02
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	5.1024e+01	4.7731e+02	2.1881e+02
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.7889e+02	3.7023e+02	7.5684e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-1.5167e+02	3.7188e+02	-1.0747e+02
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-2.4463e+02	6.5931e+02	3.8346e+01
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	3.1740e+01	1.5847e+02	1.9202e+02
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-3.4293e+01	1.3593e+02	1.5030e+02
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.0183e+02	2.8240e+02	1.3576e+02
	1520	0.0000e+00	0.0000e+00	0.0000e+00	2.6101e+01	2.9159e+02	1.7741e+02
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-9.7391e+00	-6.2132e+01	1.8260e+02
	1524	0.0000e+00	0.0000e+00	0.0000e+00	2.2187e+01	-8.4859e+01	1.6961e+02
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-2.0100e+01	7.9744e+01	1.6971e+02
	1519	0.0000e+00	0.0000e+00	0.0000e+00	1.1816e+01	5.6719e+01	1.8270e+02
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-2.3634e+01	-2.9829e+02	1.7805e+02
	1523	0.0000e+00	0.0000e+00	0.0000e+00	1.0616e+02	-2.8552e+02	1.3257e+02
	1524	0.0000e+00	0.0000e+00	0.0000e+00	3.7411e+01	-1.4171e+02	1.4865e+02
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-2.8412e+01	-1.6409e+02	1.9426e+02
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	2.6352e+02	-6.6730e+02	3.2613e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	1.5949e+02	-3.6714e+02	-1.1762e+02
	1523	0.0000e+00	0.0000e+00	0.0000e+00	1.8576e+02	-3.7473e+02	7.1607e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-4.4012e+01	-4.8261e+02	2.1929e+02
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-1.0122e+02	-1.1203e+02	-6.2139e+02
	1172	0.0000e+00	0.0000e+00	0.0000e+00	1.4304e+02	-7.2051e+01	-4.0962e+02
	1522	0.0000e+00	0.0000e+00	0.0000e+00	2.3022e+02	-3.6732e+02	-1.1996e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	2.1955e+02	-9.5838e+02	-3.3145e+02
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	1.0178e+03	3.9570e+02	3.4942e+02
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-2.8327e+02	1.5201e+03	-1.2769e+02
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-8.7516e+02	4.2421e+02	-1.4251e+03
	15	0.0000e+00	0.0000e+00	0.0000e+00	8.1770e+02	4.3680e+03	-9.6167e+02
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	3.4671e+02	3.3737e+02	5.5459e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	1.9440e+02	3.8879e+02	1.4145e+02
	1521	0.0000e+00	0.0000e+00	0.0000e+00	1.2429e+02	8.4427e+02	1.8794e+02
	1011	0.0000e+00	0.0000e+00	0.0000e+00	6.0300e+02	7.9537e+02	1.0265e+02
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	1.2043e+02	1.1502e+02	4.5332e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	8.5510e+01	1.0315e+02	1.4706e+02
	1520	0.0000e+00	0.0000e+00	0.0000e+00	1.3811e+02	3.6160e+02	1.6577e+02
	1010	0.0000e+00	0.0000e+00	0.0000e+00	2.5632e+02	3.0905e+02	6.5507e+01
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	-6.1561e+01	-7.4205e+01	5.4016e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-2.9689e+01	-1.0512e+02	1.4913e+02
	1519	0.0000e+00	0.0000e+00	0.0000e+00	3.1165e+01	1.0045e+02	1.4634e+02
	1009	0.0000e+00	0.0000e+00	0.0000e+00	5.5900e+01	7.5169e+01	5.0687e+01
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	-2.5812e+02	-3.0639e+02	7.9660e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.3081e+02	-3.6730e+02	1.7337e+02
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-8.2914e+01	-1.0852e+02	1.4853e+02
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-1.2524e+02	-1.1631e+02	5.3090e+01
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	-6.0427e+02	-7.8968e+02	1.2955e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-1.1046e+02	-8.4667e+02	1.9750e+02

	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.8197e+02	-4.0144e+02	1.4316e+02
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-3.4580e+02	-3.4203e+02	7.4812e+01
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-7.0588e+02	-4.3305e+03	-9.2666e+02
	1162	0.0000e+00	0.0000e+00	0.0000e+00	8.7105e+02	-3.9054e+02	-1.4396e+03
	1516	0.0000e+00	0.0000e+00	0.0000e+00	3.5139e+02	-1.5189e+03	-1.2404e+02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-1.0050e+03	-4.4007e+02	4.1232e+02
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	-1.0347e+02	6.0968e+02	6.3478e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	9.8632e+01	4.4013e+02	3.9727e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-2.1927e+02	8.8429e+02	1.4335e+02
	1506	0.0000e+00	0.0000e+00	0.0000e+00	5.7514e+01	4.6580e+02	1.7711e+02
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	8.2154e+01	5.7852e+02	5.3819e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-6.8490e+01	3.9136e+02	4.4512e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	8.9230e+01	7.9044e+02	5.1775e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-1.0149e+02	5.8896e+02	5.9364e+01
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	7.4954e+01	4.8717e+02	6.3500e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-6.0304e+01	2.9299e+02	4.7703e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-6.4186e+01	7.2292e+02	4.0254e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-7.3225e+01	5.4375e+02	5.5244e+01
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	7.5456e+01	3.8090e+02	7.7275e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-5.1584e+01	1.7585e+02	5.1761e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-5.3813e+01	6.4427e+02	4.5639e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-6.4368e+01	4.4830e+02	7.1393e+01
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	8.2701e+01	2.6459e+02	8.1458e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-4.4818e+01	5.4955e+01	5.3539e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-4.7350e+01	5.5132e+02	5.2154e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	-5.9774e+01	3.3592e+02	8.1198e+01
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	9.3548e+01	1.4488e+02	7.5326e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-4.5120e+01	-7.4517e+01	5.3590e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	4.8204e+01	4.4859e+02	5.5707e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	-5.9705e+01	2.1732e+02	7.9939e+01
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	1.0634e+02	3.4714e+01	6.3728e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-5.1068e+01	-1.9846e+02	5.5388e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	5.2627e+01	3.4201e+02	5.7527e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	-6.5608e+01	9.9504e+01	6.9806e+01
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.2801e+02	-9.0758e+01	5.5751e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-7.4498e+01	-3.2769e+02	6.2535e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	5.7248e+01	2.3792e+02	6.1430e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	-7.8907e+01	-3.4525e+01	5.8092e+01
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	1.9312e+02	-1.5932e+02	7.1347e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-1.3613e+02	-4.7277e+02	7.9520e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-8.1594e+01	1.4846e+02	7.1098e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.0788e+02	-1.4297e+02	5.8639e+01
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	2.1496e+02	4.3974e+01	2.7185e+02
	32	0.0000e+00	0.0000e+00	0.0000e+00	-2.8718e+02	-6.7398e+02	1.9102e+02
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-1.5162e+02	1.2439e+02	9.4708e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	1.9541e+02	-2.3680e+02	1.1182e+02
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	-7.2126e+01	5.2617e+02	1.7460e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-8.4634e+01	6.0025e+02	5.9493e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-1.6094e+02	4.1981e+02	1.0038e+02
	1496	0.0000e+00	0.0000e+00	0.0000e+00	1.2694e+02	4.0395e+02	5.7082e+01
1113	1494	0.0000e+00	0.0000e+00	0.0000e+00	-6.6552e+01	5.7703e+02	3.6154e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-7.6312e+01	5.8716e+02	3.2882e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-7.5914e+01	5.7092e+02	4.0474e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	-7.5936e+01	5.6102e+02	4.3372e+01
1114	1493	0.0000e+00	0.0000e+00	0.0000e+00	6.5491e+01	5.0003e+02	5.1751e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-6.9131e+01	5.0683e+02	3.9272e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-7.3999e+01	5.3331e+02	3.0721e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-6.4783e+01	5.5928e+02	4.2936e+01
1115	1492	0.0000e+00	0.0000e+00	0.0000e+00	7.1926e+01	3.8242e+02	6.6086e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	6.9503e+01	3.9690e+02	5.1037e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-6.7323e+01	4.4073e+02	4.3277e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	6.5847e+01	4.7141e+02	5.8207e+01
1116	1491	0.0000e+00	0.0000e+00	0.0000e+00	8.5263e+01	2.5052e+02	6.8741e+01

	1501	0.0000e+00	0.0000e+00	0.0000e+00	7.7294e+01	2.7686e+02	5.3359e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	6.8852e+01	3.2564e+02	5.3283e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	7.3139e+01	3.4884e+02	6.9186e+01
1117	1490	0.0000e+00	0.0000e+00	0.0000e+00	1.0414e+02	1.1918e+02	5.8947e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	9.0960e+01	1.5592e+02	4.6614e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	7.7394e+01	2.0196e+02	5.3448e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	8.7892e+01	2.1582e+02	6.7802e+01
1118	1489	0.0000e+00	0.0000e+00	0.0000e+00	1.2722e+02	2.2441e+01	4.2248e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	1.0881e+02	4.5342e+01	3.8540e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	9.0995e+01	7.9632e+01	4.5980e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	1.0956e+02	8.6668e+01	5.4698e+01
1119	1488	0.0000e+00	0.0000e+00	0.0000e+00	1.4965e+02	-8.8699e+01	3.0226e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.3334e+02	-6.7772e+01	3.4538e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	1.0776e+02	-4.9811e+01	3.9150e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	1.3783e+02	-4.0371e+01	3.7278e+01
1120	1487	0.0000e+00	0.0000e+00	0.0000e+00	1.5242e+02	-8.9697e+01	4.8300e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	1.6494e+02	-1.2360e+02	4.7327e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	1.2959e+02	-1.4386e+02	3.4270e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	1.6734e+02	-1.0895e+02	2.6697e+01
1121	1426	0.0000e+00	0.0000e+00	0.0000e+00	1.2413e+02	5.1365e+01	7.2054e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	1.3937e+02	6.6879e+01	1.3904e+02
	1497	0.0000e+00	0.0000e+00	0.0000e+00	1.6536e+02	-1.5653e+02	1.0441e+02
	1487	0.0000e+00	0.0000e+00	0.0000e+00	1.5309e+02	-6.9560e+01	3.8460e+01
1122	1485	0.0000e+00	0.0000e+00	0.0000e+00	5.0221e+01	5.4137e+02	-2.1646e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	6.1881e+01	5.3564e+02	3.4543e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-1.2190e+02	3.9542e+02	2.0275e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	1.1682e+02	4.2054e+02	-3.4991e+01
1123	1484	0.0000e+00	0.0000e+00	0.0000e+00	-4.5016e+01	5.9695e+02	3.5189e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-6.1806e+01	5.7257e+02	4.6499e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	5.6246e+01	5.6831e+02	3.1258e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	5.1877e+01	5.7991e+02	2.1494e+01
1124	1483	0.0000e+00	0.0000e+00	0.0000e+00	5.0766e+01	5.2327e+02	6.9686e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	6.1617e+01	5.0520e+02	5.6526e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-6.1687e+01	5.6561e+02	4.1419e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-4.5634e+01	5.8357e+02	5.3832e+01
1125	1482	0.0000e+00	0.0000e+00	0.0000e+00	6.4341e+01	3.9518e+02	9.0613e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	6.9915e+01	3.8680e+02	6.8689e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	6.2210e+01	4.7561e+02	5.8809e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	5.1275e+01	4.9000e+02	8.0361e+01
1126	1481	0.0000e+00	0.0000e+00	0.0000e+00	8.5007e+01	2.4866e+02	9.5433e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	8.7035e+01	2.5120e+02	7.0969e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	7.2171e+01	3.4923e+02	7.0175e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	6.4087e+01	3.5366e+02	9.4595e+01
1127	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.1047e+02	1.0368e+02	8.6077e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	1.1043e+02	1.1651e+02	6.0951e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	9.0481e+01	2.1202e+02	6.9448e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	8.4919e+01	2.0564e+02	9.4857e+01
1128	1479	0.0000e+00	0.0000e+00	0.0000e+00	1.3722e+02	-2.9979e+01	6.4407e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	1.3650e+02	2.2968e+01	4.2431e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	1.1450e+02	8.0495e+01	5.7630e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.1162e+02	6.4679e+01	8.0458e+01
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	1.5169e+02	-1.0308e+02	3.5036e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	1.5623e+02	-9.3014e+01	2.6675e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	1.3925e+02	-3.9968e+01	4.1713e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	1.3943e+02	-5.8012e+01	5.1109e+01
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	1.3251e+02	-8.7166e+01	9.1951e+00
	1487	0.0000e+00	0.0000e+00	0.0000e+00	1.4699e+02	-9.1510e+01	2.7228e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	1.5437e+02	-9.3856e+01	3.5567e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	1.5070e+02	-1.1062e+02	1.5343e+01
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	-9.0983e+01	4.9583e+01	-2.7367e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	1.1092e+02	4.9891e+01	4.4454e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	1.4065e+02	-5.4952e+01	4.8390e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	1.2240e+02	-6.0651e+01	-2.4817e+01

1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	2.7766e+01	6.2947e+02	-7.2767e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	3.6572e+01	5.6239e+02	-1.4143e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	1.1175e+02	4.3668e+02	-7.1273e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	9.2205e+01	4.9753e+02	-1.3148e+02
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	2.2187e+01	6.5458e+02	3.0055e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-4.0149e+01	6.0982e+02	4.3205e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	3.1663e+01	5.9654e+02	-1.9661e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	2.6471e+01	6.6109e+02	-2.6550e+01
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	3.3636e+01	5.5663e+02	8.9994e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	-4.3329e+01	5.3331e+02	7.3880e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-4.1018e+01	5.9472e+02	4.4879e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	-2.4090e+01	6.3793e+02	5.9897e+01
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	5.1046e+01	4.0957e+02	1.1574e+02
	1482	0.0000e+00	0.0000e+00	0.0000e+00	5.7413e+01	3.9969e+02	9.1673e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	4.5588e+01	4.9643e+02	7.8295e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	3.3123e+01	5.1648e+02	1.0210e+02
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	6.9634e+01	2.4950e+02	1.2204e+02
	1481	0.0000e+00	0.0000e+00	0.0000e+00	8.0161e+01	2.4821e+02	9.6623e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	6.0652e+01	3.5575e+02	9.3807e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	4.9383e+01	3.6096e+02	1.1913e+02
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	9.1556e+01	9.0265e+01	1.1643e+02
	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.0759e+02	9.9366e+01	8.8579e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	8.3743e+01	2.0313e+02	9.4554e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	6.7945e+01	1.9945e+02	1.2232e+02
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	1.1978e+02	-6.0947e+01	9.3800e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	1.3676e+02	-3.6650e+01	6.4209e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.1331e+02	5.6743e+01	8.2962e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	9.0110e+01	4.4027e+01	1.1253e+02
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	1.4214e+02	-1.6686e+02	3.8631e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	1.5406e+02	-1.1419e+02	2.2182e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	1.4417e+02	-6.9494e+01	5.9017e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	1.1731e+02	-9.6883e+01	7.6528e+01
1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	1.2118e+02	-1.5984e+02	-5.7804e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	1.3438e+02	-1.0030e+02	-3.3393e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	1.5537e+02	-1.2302e+02	2.2906e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	1.3624e+02	-1.7465e+02	-1.0018e+01
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	-5.9519e+01	3.7775e+01	-1.4475e+02
	1415	0.0000e+00	0.0000e+00	0.0000e+00	8.6694e+01	4.2060e+01	-5.9125e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	1.2031e+02	-6.7270e+01	-2.6976e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	1.1212e+02	-1.2520e+02	-1.1207e+02
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	1.6159e+01	8.0740e+02	-1.2319e+02
	1475	0.0000e+00	0.0000e+00	0.0000e+00	-1.7445e+01	6.6371e+02	-5.7822e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	9.7595e+01	5.4048e+02	-1.7864e+02
	1466	0.0000e+00	0.0000e+00	0.0000e+00	8.2776e+01	6.5988e+02	-2.4411e+02
1143	1464	0.0000e+00	0.0000e+00	0.0000e+00	2.0582e+01	7.4594e+02	4.9448e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	-2.7213e+01	6.8858e+02	3.9619e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	-1.6478e+01	6.8905e+02	-5.0618e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-1.6680e+01	8.2172e+02	-3.8818e+01
1144	1463	0.0000e+00	0.0000e+00	0.0000e+00	4.1154e+01	5.9283e+02	1.1682e+02
	1473	0.0000e+00	0.0000e+00	0.0000e+00	2.3994e+01	5.7147e+02	9.1051e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	-2.0603e+01	6.5493e+02	5.4734e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	1.0311e+01	7.1340e+02	8.0105e+01
1145	1462	0.0000e+00	0.0000e+00	0.0000e+00	4.7657e+01	4.2125e+02	1.3077e+02
	1472	0.0000e+00	0.0000e+00	0.0000e+00	4.4692e+01	4.1134e+02	1.1238e+02
	1473	0.0000e+00	0.0000e+00	0.0000e+00	2.8868e+01	5.2668e+02	1.0201e+02
	1463	0.0000e+00	0.0000e+00	0.0000e+00	3.1700e+01	5.3930e+02	1.2040e+02
1146	1461	0.0000e+00	0.0000e+00	0.0000e+00	4.6854e+01	2.5363e+02	1.3352e+02
	1471	0.0000e+00	0.0000e+00	0.0000e+00	6.2544e+01	2.4509e+02	1.1997e+02
	1472	0.0000e+00	0.0000e+00	0.0000e+00	4.5489e+01	3.6738e+02	1.1661e+02
	1462	0.0000e+00	0.0000e+00	0.0000e+00	3.9799e+01	3.6610e+02	1.3018e+02
1147	1460	0.0000e+00	0.0000e+00	0.0000e+00	4.7162e+01	8.8010e+01	1.3559e+02
	1470	0.0000e+00	0.0000e+00	0.0000e+00	8.1181e+01	8.2369e+01	1.1912e+02
	1471	0.0000e+00	0.0000e+00	0.0000e+00	6.1402e+01	2.0210e+02	1.1814e+02



	1461	0.0000e+00	0.0000e+00	0.0000e+00	3.9983e+01	1.9852e+02	1.3459e+02
1148	1459	0.0000e+00	0.0000e+00	0.0000e+00	6.1580e+01	-8.7284e+01	1.2856e+02
	1469	0.0000e+00	0.0000e+00	0.0000e+00	1.0879e+02	-7.3033e+01	1.0040e+02
	1470	0.0000e+00	0.0000e+00	0.0000e+00	8.4101e+01	3.8322e+01	1.1045e+02
	1460	0.0000e+00	0.0000e+00	0.0000e+00	4.0571e+01	3.1973e+01	1.3860e+02
1149	1458	0.0000e+00	0.0000e+00	0.0000e+00	1.0815e+02	-2.7435e+02	7.3623e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	1.4173e+02	-1.8650e+02	3.2781e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	1.2369e+02	-1.2138e+02	8.3566e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	5.2785e+01	-1.4406e+02	1.2506e+02
1150	1457	0.0000e+00	0.0000e+00	0.0000e+00	1.3732e+02	-3.6293e+02	-9.1453e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	1.4053e+02	-1.9040e+02	-1.0083e+02
	1468	0.0000e+00	0.0000e+00	0.0000e+00	1.5998e+02	-2.1931e+02	1.6413e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	9.8148e+01	-2.9453e+02	2.5287e+01
1151	1393	0.0000e+00	0.0000e+00	0.0000e+00	-3.8731e+01	-7.6807e+01	-3.1630e+02
	1404	0.0000e+00	0.0000e+00	0.0000e+00	7.3442e+01	3.7022e+01	-1.9577e+02
	1467	0.0000e+00	0.0000e+00	0.0000e+00	1.2331e+02	-1.5546e+02	-1.0200e+02
	1457	0.0000e+00	0.0000e+00	0.0000e+00	1.3080e+02	-3.0553e+02	-2.2258e+02
1152	1455	0.0000e+00	0.0000e+00	0.0000e+00	4.2729e+01	1.1791e+03	-1.2048e+02
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-8.3574e+01	8.8877e+02	-7.0042e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	4.3949e+01	7.4374e+02	-3.2423e+02
	1456	0.0000e+00	0.0000e+00	0.0000e+00	1.0769e+02	1.0081e+03	-3.7433e+02
1153	1454	0.0000e+00	0.0000e+00	0.0000e+00	1.1179e+02	8.5056e+02	1.3122e+02
	1464	0.0000e+00	0.0000e+00	0.0000e+00	-2.3502e+01	7.9980e+02	5.7691e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-3.5217e+01	8.5804e+02	-4.5245e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-3.3908e+01	1.0292e+03	3.2215e+01
1154	1453	0.0000e+00	0.0000e+00	0.0000e+00	9.6894e+01	6.0713e+02	1.2459e+02
	1463	0.0000e+00	0.0000e+00	0.0000e+00	4.2998e+01	6.0032e+02	1.0418e+02
	1464	0.0000e+00	0.0000e+00	0.0000e+00	1.7871e+01	7.3388e+02	9.5317e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	8.7919e+01	7.4671e+02	1.1603e+02
1155	1452	0.0000e+00	0.0000e+00	0.0000e+00	6.3341e+01	4.2008e+02	1.1162e+02
	1462	0.0000e+00	0.0000e+00	0.0000e+00	5.0557e+01	4.1491e+02	1.1590e+02
	1463	0.0000e+00	0.0000e+00	0.0000e+00	4.2206e+01	5.5234e+02	1.1946e+02
	1453	0.0000e+00	0.0000e+00	0.0000e+00	7.7859e+01	5.3970e+02	1.1542e+02
1156	1451	0.0000e+00	0.0000e+00	0.0000e+00	2.4390e+01	2.5636e+02	1.0753e+02
	1461	0.0000e+00	0.0000e+00	0.0000e+00	4.0610e+01	2.4418e+02	1.2069e+02
	1462	0.0000e+00	0.0000e+00	0.0000e+00	3.9542e+01	3.7646e+02	1.2021e+02
	1452	0.0000e+00	0.0000e+00	0.0000e+00	4.4914e+01	3.6539e+02	1.0715e+02
1157	1450	0.0000e+00	0.0000e+00	0.0000e+00	-2.9870e+01	9.9828e+01	1.1585e+02
	1460	0.0000e+00	0.0000e+00	0.0000e+00	2.9854e+01	7.6476e+01	1.2940e+02
	1461	0.0000e+00	0.0000e+00	0.0000e+00	2.9027e+01	2.0898e+02	1.2061e+02
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-1.5260e+01	2.0462e+02	1.0701e+02
1158	1449	0.0000e+00	0.0000e+00	0.0000e+00	-6.7502e+01	-7.1509e+01	1.3654e+02
	1459	0.0000e+00	0.0000e+00	0.0000e+00	3.0163e+01	-1.0424e+02	1.3871e+02
	1460	0.0000e+00	0.0000e+00	0.0000e+00	2.1947e+01	3.9662e+01	1.2316e+02
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-4.7945e+01	4.1027e+01	1.2100e+02
1159	1448	0.0000e+00	0.0000e+00	0.0000e+00	-7.5622e+01	-2.9420e+02	1.5475e+02
	1458	0.0000e+00	0.0000e+00	0.0000e+00	9.2767e+01	-2.9886e+02	1.1492e+02
	1459	0.0000e+00	0.0000e+00	0.0000e+00	3.4875e+01	-1.5888e+02	1.1277e+02
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-8.6546e+01	-1.5818e+02	1.5296e+02
1160	1447	0.0000e+00	0.0000e+00	0.0000e+00	1.9805e+02	-6.6899e+02	3.5493e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	1.4295e+02	-4.0118e+02	-1.1222e+02
	1458	0.0000e+00	0.0000e+00	0.0000e+00	1.6779e+02	-3.8980e+02	5.3883e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-1.0151e+02	-4.7818e+02	1.9995e+02
1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	-1.5408e+02	-2.0226e+02	-6.0927e+02
	1393	0.0000e+00	0.0000e+00	0.0000e+00	1.4395e+02	-1.4674e+02	-4.1288e+02
	1457	0.0000e+00	0.0000e+00	0.0000e+00	2.2557e+02	-4.1975e+02	-1.2003e+02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	1.4879e+02	-1.0009e+03	-3.1616e+02
1162	782	0.0000e+00	0.0000e+00	0.0000e+00	5.0260e+02	1.0489e+03	2.2412e+02
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-7.4772e+01	1.4207e+03	-6.7220e+01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-2.5542e+02	1.1766e+03	-6.3070e+02
	22	0.0000e+00	0.0000e+00	0.0000e+00	2.5715e+02	2.7918e+03	-3.6314e+02
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	2.5780e+02	8.0273e+02	8.2431e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	1.7267e+02	8.2604e+02	8.9754e+01

	1455	0.0000e+00	0.0000e+00	0.0000e+00	1.2439e+02	1.1145e+03	1.0162e+02
	782	0.0000e+00	0.0000e+00	0.0000e+00	3.3633e+02	1.1169e+03	9.5260e+01
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	1.6153e+02	5.8077e+02	6.1033e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	1.3145e+02	5.8493e+02	9.4990e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	1.5019e+02	7.7725e+02	1.1032e+02
	781	0.0000e+00	0.0000e+00	0.0000e+00	2.1148e+02	7.5159e+02	7.7235e+01
1165	779	0.0000e+00	0.0000e+00	0.0000e+00	8.2982e+01	4.0364e+02	4.6214e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	7.6607e+01	4.0552e+02	8.4141e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	1.0342e+02	5.5258e+02	9.4798e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	1.2711e+02	5.3381e+02	5.7870e+01
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	1.5394e+01	2.4945e+02	3.8200e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	2.2446e+01	2.4542e+02	7.9367e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	4.9242e+01	3.7464e+02	8.3252e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	5.3606e+01	3.6339e+02	4.2645e+01
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	-7.7035e+01	1.0235e+02	3.8714e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-5.1520e+01	8.7826e+01	8.5972e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-2.0737e+01	2.1761e+02	8.1691e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	-2.6616e+01	2.1284e+02	3.3571e+01
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	-1.8483e+02	-6.8349e+01	4.9760e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-1.2766e+02	-9.4781e+01	1.0742e+02
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-8.5076e+01	6.5530e+01	9.2580e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-1.1282e+02	6.6601e+01	3.3335e+01
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	-3.5114e+02	-2.9848e+02	7.4269e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-2.1433e+02	-3.5452e+02	1.4570e+02
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-1.7139e+02	-1.0800e+02	1.1563e+02
	776	0.0000e+00	0.0000e+00	0.0000e+00	-2.3636e+02	-1.0443e+02	4.5235e+01
1170	774	0.0000e+00	0.0000e+00	0.0000e+00	-6.8463e+02	-7.9711e+02	1.1943e+02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-2.1866e+02	-8.5264e+02	1.8264e+02
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-2.6894e+02	-3.8575e+02	1.2752e+02
	775	0.0000e+00	0.0000e+00	0.0000e+00	-4.3718e+02	-3.2688e+02	7.0598e+01
1171	21	0.0000e+00	0.0000e+00	0.0000e+00	-1.0806e+03	-4.3847e+03	-9.5814e+02
	1382	0.0000e+00	0.0000e+00	0.0000e+00	8.3255e+02	-5.0624e+02	-1.3915e+03
	1447	0.0000e+00	0.0000e+00	0.0000e+00	2.4472e+02	-1.5323e+03	-1.3310e+02
	774	0.0000e+00	0.0000e+00	0.0000e+00	-1.1025e+03	-3.9791e+02	3.5902e+02
1172	1436	0.0000e+00	0.0000e+00	0.0000e+00	1.6103e+02	4.3394e+02	9.0603e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	2.6219e+02	6.8236e+01	9.2526e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	3.9439e+02	8.8153e+02	2.0657e+02
	1437	0.0000e+00	0.0000e+00	0.0000e+00	-1.5782e+02	1.9047e+02	2.5014e+02
1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	1.2285e+02	3.0719e+02	2.0920e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	1.5376e+02	6.9961e+01	5.5262e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	2.4563e+02	6.3441e+02	7.0489e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-1.4079e+02	3.4166e+02	3.9582e+01
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	9.3585e+01	2.0894e+02	-2.7349e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	8.5752e+01	2.5867e+01	-3.9751e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	1.4871e+02	4.8045e+02	-4.5152e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-9.5693e+01	2.6655e+02	-3.0339e+01
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	7.8301e+01	1.1517e+02	-2.5877e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	5.0280e+01	-7.4711e+01	-3.2697e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	8.8362e+01	3.5943e+02	-3.7551e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-7.3304e+01	1.7285e+02	-3.0399e+01
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	7.4472e+01	2.2417e+01	-2.1898e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-3.9765e+01	-1.5975e+02	-2.8512e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	5.6152e+01	2.5724e+02	-3.2279e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-6.2955e+01	7.7758e+01	-2.6377e+01
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	7.7590e+01	-7.8529e+01	-1.8944e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-4.7777e+01	-2.5985e+02	-2.5875e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	4.2865e+01	1.6735e+02	-2.7017e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	-5.9527e+01	-2.1690e+01	-2.2095e+01
1178	1430	0.0000e+00	0.0000e+00	0.0000e+00	8.4512e+01	-1.8106e+02	-1.8702e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-7.3790e+01	-3.7758e+02	-2.3866e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-4.5209e+01	8.6205e+01	-2.1864e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	-6.1885e+01	-1.1879e+02	-1.9520e+01
1179	1429	0.0000e+00	0.0000e+00	0.0000e+00	9.7799e+01	-2.8726e+02	-1.5424e+01

	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.2511e+02	-5.1886e+02	-2.0375e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-6.9336e+01	2.2423e+01	-1.7561e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	-7.1433e+01	-2.2274e+02	-1.7727e+01
1180	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.4034e+02	-3.7681e+02	2.4031e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-2.0775e+02	-6.9686e+02	3.3049e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-1.2406e+02	-6.3392e+01	-2.1692e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	-9.1379e+01	-3.3667e+02	-5.6277e+00
1181	1427	0.0000e+00	0.0000e+00	0.0000e+00	2.1754e+02	-2.2563e+02	2.5679e+02
	31	0.0000e+00	0.0000e+00	0.0000e+00	-3.0009e+02	-9.6714e+02	1.7675e+02
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-2.1271e+02	-7.1196e+01	5.0184e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.4082e+02	-4.8142e+02	8.7538e+01
1182	1425	0.0000e+00	0.0000e+00	0.0000e+00	-1.2892e+02	2.3969e+02	5.2027e+00
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-1.2980e+02	3.6386e+02	6.7306e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	1.4580e+02	1.3584e+02	1.2830e+02
	1426	0.0000e+00	0.0000e+00	0.0000e+00	-1.1344e+02	1.3805e+02	6.6432e+01
1183	1424	0.0000e+00	0.0000e+00	0.0000e+00	-1.2557e+02	2.7313e+02	-3.1538e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-1.0116e+02	3.1667e+02	-4.1803e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-1.2366e+02	2.8658e+02	-1.2177e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-1.2114e+02	2.6110e+02	5.5660e+00
1184	1423	0.0000e+00	0.0000e+00	0.0000e+00	-9.5816e+01	2.0681e+02	-3.6850e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-8.1119e+01	2.2851e+02	-5.3034e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-9.7401e+01	2.3298e+02	-5.2066e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-1.0799e+02	2.5578e+02	-3.6348e+01
1185	1422	0.0000e+00	0.0000e+00	0.0000e+00	-7.5806e+01	1.1479e+02	-3.1622e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	7.0738e+01	1.3431e+02	-4.8905e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-7.8247e+01	1.5045e+02	-5.4900e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-8.6458e+01	1.8311e+02	-3.7472e+01
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	7.3822e+01	1.6158e+01	-2.8003e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	6.9491e+01	3.9414e+01	-4.5475e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-6.9183e+01	5.9759e+01	-4.8797e+01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-7.2425e+01	8.8594e+01	-3.1374e+01
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	9.0558e+01	-8.9392e+01	-2.8900e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	7.6636e+01	-5.9238e+01	-4.7132e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	6.9036e+01	-3.8326e+01	-4.4905e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	7.6066e+01	-1.4955e+01	-2.7900e+01
1188	1419	0.0000e+00	0.0000e+00	0.0000e+00	1.1890e+02	-1.9245e+02	-3.4411e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	9.0388e+01	-1.5702e+02	-5.3338e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	7.6569e+01	-1.3827e+02	-4.6361e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	9.7708e+01	-1.1799e+02	-2.8973e+01
1189	1418	0.0000e+00	0.0000e+00	0.0000e+00	1.4948e+02	-2.7794e+02	-3.4840e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.1210e+02	-2.5158e+02	-5.2756e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	8.9183e+01	-2.4347e+02	-5.1076e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	1.3208e+02	-2.2070e+02	-3.3567e+01
1190	1417	0.0000e+00	0.0000e+00	0.0000e+00	1.6284e+02	-2.9464e+02	1.9300e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.4631e+02	-3.1928e+02	-1.1061e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	1.0680e+02	-3.4650e+02	-4.2135e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	1.7375e+02	-3.0115e+02	-2.9803e+01
1191	1416	0.0000e+00	0.0000e+00	0.0000e+00	1.2165e+02	-1.7290e+02	7.2889e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	1.1753e+02	-1.7031e+02	1.2962e+02
	1428	0.0000e+00	0.0000e+00	0.0000e+00	1.3939e+02	-4.0464e+02	6.7257e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	1.7841e+02	-2.7669e+02	1.5645e+01
1192	1414	0.0000e+00	0.0000e+00	0.0000e+00	-1.1236e+02	2.0388e+02	-4.3503e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-1.1714e+02	2.1275e+02	2.3530e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	-1.0816e+02	1.2675e+02	3.7050e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-8.9137e+01	1.0871e+02	-3.0817e+01
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	-1.2811e+02	2.6484e+02	-2.6705e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-1.1794e+02	2.5698e+02	-1.5296e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	-1.1996e+02	2.5330e+02	-1.1732e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-1.1871e+02	2.3811e+02	-2.4923e+01
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	-1.0227e+02	2.1949e+02	-6.7236e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-9.6317e+01	2.0797e+02	-2.6643e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-1.1695e+02	2.5089e+02	-3.2121e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-1.2363e+02	2.5529e+02	-9.3946e+00

1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	-7.1340e+01	1.2713e+02	2.0853e+01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-7.4777e+01	1.1992e+02	-2.4422e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-9.1722e+01	1.7998e+02	-2.9094e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-9.5434e+01	1.9005e+02	1.1822e+01
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	6.7040e+01	2.2699e+01	2.8330e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	7.2719e+01	2.0168e+01	-2.2177e+01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-7.2539e+01	8.5832e+01	-2.3391e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-6.7340e+01	9.1824e+01	2.3887e+01
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	9.5633e+01	-8.8540e+01	2.9451e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	9.4779e+01	-8.5903e+01	-2.2379e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	7.5961e+01	-1.8080e+01	-2.1211e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	6.9025e+01	-1.7749e+01	2.9807e+01
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	1.3968e+02	-1.9595e+02	2.5559e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	1.3050e+02	-1.8896e+02	-2.6617e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	1.0192e+02	-1.2224e+02	-2.1955e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	1.0172e+02	-1.2669e+02	2.9484e+01
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	1.7713e+02	-2.7540e+02	1.9817e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	1.6603e+02	-2.7321e+02	-2.9538e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	1.3792e+02	-2.2104e+02	-2.4228e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	1.4763e+02	-2.3065e+02	2.1517e+01
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	1.7327e+02	-2.7202e+02	-1.8209e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	1.6933e+02	-2.8744e+02	-1.6057e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	1.6752e+02	-2.8388e+02	-1.8066e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	1.8253e+02	-2.9110e+02	-2.0888e+01
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	1.0824e+02	-1.4660e+02	-1.9771e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	1.1207e+02	-1.6192e+02	4.3674e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	1.6202e+02	-2.4936e+02	3.4237e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	1.6535e+02	-2.4161e+02	-3.2373e+01
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	-1.1597e+02	2.5230e+02	-1.1964e+02
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-1.1122e+02	2.0355e+02	-3.9954e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-8.2579e+01	1.1102e+02	-6.4128e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	-6.0070e+01	1.1141e+02	-1.4416e+02
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	-1.2530e+02	3.1261e+02	-2.1828e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-1.3332e+02	2.7295e+02	-9.8968e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-1.2207e+02	2.4368e+02	-5.4309e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-1.2162e+02	2.9204e+02	-6.6409e+01
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	-8.8822e+01	2.4403e+02	4.5569e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-1.0510e+02	2.2773e+02	1.4883e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-1.2545e+02	2.5928e+02	-1.4893e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-1.2671e+02	2.9752e+02	1.8960e+01
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	-5.6064e+01	1.3720e+02	6.6397e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-6.8438e+01	1.3156e+02	2.8650e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-9.3925e+01	1.9212e+02	1.7286e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-8.4892e+01	2.0695e+02	5.5678e+01
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	5.0913e+01	2.8989e+01	7.1132e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	6.1732e+01	2.4104e+01	3.6171e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-6.3917e+01	9.2956e+01	3.1396e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-5.2404e+01	9.6489e+01	6.6810e+01
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	7.5034e+01	-8.5735e+01	7.4920e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	9.0913e+01	-8.8619e+01	3.9187e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	6.5383e+01	-1.7770e+01	3.6184e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	5.2667e+01	-1.7558e+01	7.2222e+01
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	1.2008e+02	-2.0590e+02	7.3286e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	1.3632e+02	-1.9754e+02	3.3942e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	1.0059e+02	-1.2949e+02	3.6466e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	7.9932e+01	-1.2938e+02	7.6845e+01
1209	1396	0.0000e+00	0.0000e+00	0.0000e+00	1.6999e+02	-3.1371e+02	4.4598e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	1.7734e+02	-2.7977e+02	-1.9393e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	1.5124e+02	-2.3766e+02	3.1336e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	1.2384e+02	-2.4883e+02	6.5669e+01
1210	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.6960e+02	-3.2898e+02	-4.3600e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	1.7796e+02	-2.7931e+02	-3.9453e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	1.8840e+02	-2.9939e+02	1.9187e+01

	1396	0.0000e+00	0.0000e+00	0.0000e+00	1.6800e+02	-3.3667e+02	-1.7708e+01
1211	1394	0.0000e+00	0.0000e+00	0.0000e+00	7.4906e+01	-1.5662e+02	-1.2823e+02
	1405	0.0000e+00	0.0000e+00	0.0000e+00	1.0816e+02	-1.5188e+02	-5.2429e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	1.6484e+02	-2.4330e+02	-2.6304e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.6317e+02	-2.9592e+02	-9.9834e+01
1212	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.4405e+02	4.2418e+02	-2.1280e+02
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-1.2913e+02	2.7832e+02	-1.0094e+02
	1404	0.0000e+00	0.0000e+00	0.0000e+00	-6.9051e+01	1.3665e+02	-1.9796e+02
	1393	0.0000e+00	0.0000e+00	0.0000e+00	2.5192e+01	1.8404e+02	-3.1001e+02
1213	1391	0.0000e+00	0.0000e+00	0.0000e+00	-8.7976e+01	4.0738e+02	3.3224e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-1.4633e+02	3.5160e+02	8.9089e+00
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-1.3987e+02	3.1704e+02	-1.0394e+02
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.4846e+02	4.7480e+02	-7.8229e+01
1214	1390	0.0000e+00	0.0000e+00	0.0000e+00	-3.6560e+01	2.6664e+02	1.0684e+02
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-8.9600e+01	2.5908e+02	5.6478e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-1.1689e+02	3.1152e+02	2.2760e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-9.7280e+01	3.7293e+02	7.1944e+01
1215	1389	0.0000e+00	0.0000e+00	0.0000e+00	-3.3822e+01	1.3744e+02	1.0175e+02
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-4.8841e+01	1.3659e+02	7.0188e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-7.2846e+01	2.1494e+02	6.9767e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-3.9115e+01	2.1460e+02	1.0135e+02
1216	1388	0.0000e+00	0.0000e+00	0.0000e+00	3.5519e+01	3.2597e+01	9.5301e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	4.5876e+01	2.4680e+01	7.5577e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-4.7051e+01	1.0296e+02	7.5795e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-3.3647e+01	9.4226e+01	9.5584e+01
1217	1387	0.0000e+00	0.0000e+00	0.0000e+00	3.5015e+01	-7.4757e+01	1.0333e+02
	1398	0.0000e+00	0.0000e+00	0.0000e+00	6.4396e+01	-9.1066e+01	8.4007e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	4.6216e+01	-1.2771e+01	7.6328e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	3.4546e+01	-1.4421e+01	9.5647e+01
1218	1386	0.0000e+00	0.0000e+00	0.0000e+00	4.8899e+01	-2.0408e+02	1.1847e+02
	1397	0.0000e+00	0.0000e+00	0.0000e+00	1.0067e+02	-2.1359e+02	8.7775e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	6.8447e+01	-1.2621e+02	7.9791e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	3.3104e+01	-1.2047e+02	1.1054e+02
1219	1385	0.0000e+00	0.0000e+00	0.0000e+00	1.1154e+02	-3.8155e+02	9.9355e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	1.5177e+02	-3.2870e+02	4.9862e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	1.2009e+02	-2.6143e+02	7.5127e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	4.3725e+01	-2.6203e+02	1.2595e+02
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	1.6807e+02	-5.1665e+02	-4.6892e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.8165e+02	-3.5711e+02	-7.8460e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	1.8471e+02	-3.7583e+02	3.2859e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	9.9588e+01	-4.2536e+02	6.3272e+01
1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	9.6467e+00	-2.4596e+02	-2.9349e+02
	1394	0.0000e+00	0.0000e+00	0.0000e+00	1.0427e+02	-1.8860e+02	-1.8377e+02
	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.7380e+02	-3.2621e+02	-7.8236e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	1.5945e+02	-4.7980e+02	-1.8741e+02
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.1872e+02	1.1934e+03	-2.6061e+02
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-2.8039e+02	5.4097e+02	-8.8563e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-9.2616e+01	2.5903e+02	-4.1224e+02
	1382	0.0000e+00	0.0000e+00	0.0000e+00	8.0162e+01	2.5255e+02	-5.8503e+02
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	1.1038e+02	5.2526e+02	2.1015e+02
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.3528e+02	4.8628e+02	5.4848e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.4744e+02	5.0538e+02	-7.7244e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.9555e+02	7.2043e+02	8.1171e+01
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	1.0041e+02	2.5311e+02	1.3105e+02
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-2.1122e+01	2.6710e+02	9.6056e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-5.9534e+01	3.9437e+02	1.1653e+02
	1380	0.0000e+00	0.0000e+00	0.0000e+00	8.7983e+01	3.6782e+02	1.5102e+02
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	6.2423e+01	1.1747e+02	8.7234e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	3.6753e+01	1.2439e+02	9.1602e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-2.5972e+01	2.2697e+02	1.1461e+02
	1379	0.0000e+00	0.0000e+00	0.0000e+00	8.6915e+01	1.8833e+02	1.1013e+02
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	2.7911e+01	2.9018e+01	7.2262e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	3.4131e+01	2.1928e+01	8.7650e+01

	1389	0.0000e+00	0.0000e+00	0.0000e+00	3.2764e+01	1.0428e+02	9.4793e+01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	5.0955e+01	8.2037e+01	7.9437e+01
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	-4.7791e+01	-5.6521e+01	8.3041e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-2.7144e+01	-8.4031e+01	1.0034e+02
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-3.0310e+01	1.0979e+01	8.8759e+01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-2.6218e+01	-8.1355e+00	7.1390e+01
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	-9.3177e+01	-1.7004e+02	1.1848e+02
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-1.8920e+01	-2.1667e+02	1.2865e+02
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-2.6775e+01	-1.0455e+02	9.9537e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-6.0822e+01	-9.3239e+01	8.9219e+01
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.1336e+02	-3.6500e+02	1.6820e+02
	1385	0.0000e+00	0.0000e+00	0.0000e+00	6.1413e+01	-4.0477e+02	1.4239e+02
	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.5234e+01	-2.5814e+02	1.1229e+02
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-1.1094e+02	-2.3860e+02	1.3818e+02
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	1.5817e+02	-7.4863e+02	1.1397e+02
	1384	0.0000e+00	0.0000e+00	0.0000e+00	1.4552e+02	-5.5184e+02	-4.2022e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	1.3545e+02	-5.0009e+02	8.0380e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.4168e+02	-5.3485e+02	2.3110e+02
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	-1.2539e+02	-3.4232e+02	-5.7672e+02
	1383	0.0000e+00	0.0000e+00	0.0000e+00	1.0013e+02	-3.3443e+02	-4.0192e+02
	1384	0.0000e+00	0.0000e+00	0.0000e+00	2.9204e+02	-6.0546e+02	-5.8732e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	6.6588e+01	-1.2795e+03	-2.3247e+02
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	1.0048e+03	2.6231e+02	4.0746e+02
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-1.6435e+02	1.6667e+03	-1.2101e+02
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-8.7926e+02	5.8081e+02	-1.3637e+03
	21	0.0000e+00	0.0000e+00	0.0000e+00	9.8072e+02	4.4526e+03	-8.8227e+02
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	4.4252e+02	3.9420e+02	7.2133e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	2.6604e+02	4.1940e+02	1.4643e+02
	1381	0.0000e+00	0.0000e+00	0.0000e+00	3.0307e+02	8.9453e+02	1.9979e+02
	674	0.0000e+00	0.0000e+00	0.0000e+00	6.1638e+02	8.1875e+02	1.2404e+02
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	2.3279e+02	1.8802e+02	3.3557e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	1.7268e+02	2.0580e+02	9.9952e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	2.1378e+02	4.1163e+02	1.4450e+02
	673	0.0000e+00	0.0000e+00	0.0000e+00	3.5676e+02	3.4414e+02	7.2184e+01
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	1.0940e+02	8.6944e+01	-1.5582e+01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	9.0877e+01	9.4254e+01	6.4915e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	1.3158e+02	2.0267e+02	8.7776e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	1.8825e+02	1.6680e+02	3.3707e+01
1236	670	0.0000e+00	0.0000e+00	0.0000e+00	3.0046e+01	1.8811e+01	-6.1604e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	3.0874e+01	1.6681e+01	5.0405e+01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	6.1140e+01	9.0817e+01	5.7991e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	8.0519e+01	7.4424e+01	1.3179e+01
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	-8.4977e+01	-4.9458e+01	4.4241e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-6.1641e+01	-6.5340e+01	5.6958e+01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-3.0143e+01	1.3748e+01	5.1151e+01
	670	0.0000e+00	0.0000e+00	0.0000e+00	-3.1170e+01	9.1049e+00	-4.2224e+00
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	-2.0358e+02	-1.5006e+02	2.2220e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-1.4384e+02	-1.8513e+02	8.7481e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-9.4309e+01	-6.8839e+01	6.6136e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	-1.1676e+02	-6.1912e+01	-6.1398e+00
1239	667	0.0000e+00	0.0000e+00	0.0000e+00	-3.9701e+02	-3.4562e+02	5.4354e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-2.4984e+02	-4.1162e+02	1.4686e+02
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-1.9174e+02	-1.8773e+02	1.0393e+02
	668	0.0000e+00	0.0000e+00	0.0000e+00	-2.5496e+02	-1.7013e+02	1.8157e+01
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	-6.9467e+02	-8.6333e+02	9.2884e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-3.9290e+02	-9.3789e+02	2.0962e+02
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-3.1661e+02	-4.1262e+02	1.6018e+02
	667	0.0000e+00	0.0000e+00	0.0000e+00	-4.9683e+02	-3.9151e+02	4.6013e+01
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	-1.2797e+03	-4.7286e+03	-9.4931e+02
	1372	0.0000e+00	0.0000e+00	0.0000e+00	8.8700e+02	-7.1411e+02	-1.3656e+03
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.3010e+02	-1.7483e+03	-1.1388e+02
	666	0.0000e+00	0.0000e+00	0.0000e+00	-1.1269e+03	-2.1823e+02	3.3099e+02
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	-9.6769e+01	4.7501e+02	9.6189e+01

	1371	0.0000e+00	0.0000e+00	0.0000e+00	2.4228e+02	6.1366e+01	6.7160e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	3.2765e+02	9.6302e+02	1.9733e+02
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-1.7012e+02	2.3185e+02	2.5407e+02
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	8.1650e+01	3.2913e+02	2.0400e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	1.4248e+02	6.3212e+01	4.0156e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	2.3552e+02	6.8747e+02	5.5298e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-8.6565e+01	3.7208e+02	3.8873e+01
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	6.1541e+01	2.1986e+02	-2.2468e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	7.8755e+01	-6.4881e+00	-3.0218e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	1.4397e+02	5.1218e+02	-3.3478e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-5.6005e+01	2.8345e+02	-2.4365e+01
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	4.9363e+01	1.1902e+02	-2.1626e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	4.3371e+01	-7.3850e+01	-2.8943e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	8.6577e+01	3.7380e+02	-3.1486e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-4.4479e+01	1.8001e+02	-2.4216e+01
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	4.5378e+01	2.2849e+01	-2.0749e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	2.5686e+01	-1.5274e+02	-3.0274e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	5.4181e+01	2.5813e+02	-3.1005e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-3.7771e+01	7.9804e+01	-2.2066e+01
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	4.5163e+01	-7.0962e+01	-2.3355e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-2.3108e+01	-2.3857e+02	-3.2324e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	3.4603e+01	1.5908e+02	-3.0491e+01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-3.2534e+01	-1.5987e+01	-2.2140e+01
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	4.4107e+01	-1.6292e+02	-2.9125e+01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-4.5645e+01	-3.3480e+02	-3.2715e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-2.1814e+01	7.3188e+01	-2.9518e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	-3.0576e+01	-1.0747e+02	-2.6205e+01
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	4.2873e+01	-2.5174e+02	-2.9956e+01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-9.6318e+01	-4.4760e+02	-2.5351e+01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-3.9307e+01	-7.6393e+00	-2.5813e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	-3.4268e+01	-1.9762e+02	-3.0637e+01
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	6.3163e+01	-3.1836e+02	5.2512e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-1.7570e+02	-5.9067e+02	6.8913e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-9.5403e+01	-6.0884e+01	-1.5343e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	-4.1295e+01	-2.9076e+02	-1.8502e+01
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	1.5685e+02	-1.4369e+02	2.2650e+02
	29	0.0000e+00	0.0000e+00	0.0000e+00	-1.8386e+02	-8.2126e+02	1.5812e+02
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-1.8049e+02	-5.3933e+01	-1.2223e+01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	5.1905e+01	-4.0778e+02	6.2345e+01
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	-1.3661e+02	2.7517e+02	1.2120e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-8.7513e+01	4.0270e+02	6.8821e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-8.0720e+01	1.7197e+02	1.3251e+02
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-8.1844e+01	1.7314e+02	7.4786e+01
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	-1.3123e+02	2.9562e+02	-2.5817e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-6.2013e+01	3.4058e+02	-3.9933e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-9.4266e+01	3.1280e+02	-1.2918e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-1.1894e+02	2.9183e+02	9.6322e+00
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	-9.0741e+01	2.1672e+02	-2.9844e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-4.7231e+01	2.3966e+02	-4.8926e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-6.5587e+01	2.4734e+02	-5.0168e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-1.0775e+02	2.7391e+02	-3.1174e+01
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	-5.4611e+01	1.1608e+02	-2.5014e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-3.5920e+01	1.3703e+02	-4.5226e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-4.7521e+01	1.5554e+02	-5.1564e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	-7.7635e+01	1.8959e+02	-3.1221e+01
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	-3.0199e+01	1.3614e+01	-2.3964e+01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-3.0249e+01	3.8646e+01	-4.4503e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-3.4898e+01	5.9863e+01	-4.6361e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	-4.6326e+01	8.8051e+01	-2.5866e+01
1257	1345	0.0000e+00	0.0000e+00	0.0000e+00	3.8966e+01	-8.5744e+01	-2.9808e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	3.4063e+01	-5.4935e+01	-5.0149e+01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-2.9236e+01	-3.4905e+01	-4.5532e+01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	-2.8442e+01	-1.4071e+01	-2.5570e+01

1258	1344	0.0000e+00	0.0000e+00	0.0000e+00	6.7157e+01	-1.7746e+02	-4.1075e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	4.3560e+01	-1.4299e+02	-6.0192e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	3.2888e+01	-1.2781e+02	-5.1052e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	4.6097e+01	-1.1201e+02	-3.2219e+01
1259	1343	0.0000e+00	0.0000e+00	0.0000e+00	9.4424e+01	-2.4521e+02	-4.6077e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	5.6933e+01	-2.2100e+02	-6.2838e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	4.0024e+01	-2.1846e+02	-5.9434e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	7.9914e+01	-2.0116e+02	-4.2756e+01
1260	1342	0.0000e+00	0.0000e+00	0.0000e+00	1.0082e+02	-2.4076e+02	-1.2952e+01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	8.2342e+01	-2.6671e+02	-2.1719e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	4.7362e+01	-3.0059e+02	-5.3702e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	1.1779e+02	-2.6195e+02	-4.3417e+01
1261	1341	0.0000e+00	0.0000e+00	0.0000e+00	5.5410e+01	-1.0081e+02	4.5207e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-3.4207e+01	-9.5331e+01	1.0504e+02
	1353	0.0000e+00	0.0000e+00	0.0000e+00	6.8293e+01	-3.3376e+02	4.8966e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	1.1682e+02	-2.1665e+02	-1.3230e+01
1262	1339	0.0000e+00	0.0000e+00	0.0000e+00	-1.3750e+02	2.3829e+02	-2.9513e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-1.2226e+02	2.4681e+02	3.2257e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-7.4499e+01	1.6060e+02	4.5304e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-7.9973e+01	1.4362e+02	-1.6927e+01
1263	1338	0.0000e+00	0.0000e+00	0.0000e+00	-1.5451e+02	2.8720e+02	-1.2260e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-1.2860e+02	2.7909e+02	-8.5508e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-1.3061e+02	2.8366e+02	-4.5571e+00
	1339	0.0000e+00	0.0000e+00	0.0000e+00	-1.4450e+02	2.6851e+02	-8.6733e+00
1264	1337	0.0000e+00	0.0000e+00	0.0000e+00	-1.1839e+02	2.2719e+02	1.2626e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	-9.9722e+01	2.1718e+02	-1.8920e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-1.2774e+02	2.6842e+02	-2.4448e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-1.4877e+02	2.7204e+02	5.1948e+00
1265	1336	0.0000e+00	0.0000e+00	0.0000e+00	-6.8026e+01	1.2412e+02	2.5127e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	-6.0760e+01	1.1988e+02	-1.6863e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	-9.1951e+01	1.8539e+02	-2.1224e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-1.1004e+02	1.9317e+02	1.8765e+01
1266	1335	0.0000e+00	0.0000e+00	0.0000e+00	-2.6729e+01	1.4811e+01	2.6121e+01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	-2.9576e+01	1.6198e+01	-1.6394e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	-5.2121e+01	8.3797e+01	-1.6319e+01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	-6.0449e+01	8.6330e+01	2.5340e+01
1267	1334	0.0000e+00	0.0000e+00	0.0000e+00	4.4706e+01	-9.1058e+01	2.0080e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	4.2369e+01	-8.4271e+01	-2.1240e+01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	-2.7538e+01	-1.9308e+01	-1.6788e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-2.3616e+01	-2.2470e+01	2.4652e+01
1268	1333	0.0000e+00	0.0000e+00	0.0000e+00	9.0837e+01	-1.8706e+02	9.9073e+00
	1344	0.0000e+00	0.0000e+00	0.0000e+00	7.9123e+01	-1.7594e+02	-3.2240e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	5.0156e+01	-1.1818e+02	-2.2931e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	5.1615e+01	-1.2650e+02	1.7259e+01
1269	1332	0.0000e+00	0.0000e+00	0.0000e+00	1.2624e+02	-2.4832e+02	-1.5495e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	1.1190e+02	-2.4222e+02	-4.0587e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	8.6479e+01	-2.0352e+02	-3.1199e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	9.9301e+01	-2.1651e+02	-8.8790e+00
1270	1331	0.0000e+00	0.0000e+00	0.0000e+00	1.1822e+02	-2.2349e+02	-3.2230e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	1.0984e+02	-2.3504e+02	-2.4609e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	1.1225e+02	-2.4723e+02	-2.5687e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	1.3217e+02	-2.5701e+02	-3.3262e+01
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	4.7499e+01	-7.8173e+01	-4.4857e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	4.1618e+01	-9.2121e+01	1.8833e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	1.0031e+02	-1.9185e+02	1.0864e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	1.1131e+02	-1.8702e+02	-5.4472e+01
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	-1.4965e+02	2.8995e+02	-9.9837e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	-1.3951e+02	2.3855e+02	-2.3134e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-8.2319e+01	1.4736e+02	-5.0331e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-5.9520e+01	1.4965e+02	-1.2693e+02
1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	-1.5455e+02	3.3352e+02	3.0786e+00
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-1.6415e+02	2.9521e+02	7.1462e+00
	1339	0.0000e+00	0.0000e+00	0.0000e+00	-1.5386e+02	2.7491e+02	-3.7307e+01



	1328	0.0000e+00	0.0000e+00	0.0000e+00	-1.5514e+02	3.2423e+02	-4.2763e+01
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	-1.0775e+02	2.4659e+02	6.3383e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-1.2625e+02	2.3436e+02	2.6226e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-1.5332e+02	2.7583e+02	1.9465e+00
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-1.5586e+02	3.1132e+02	3.9247e+01
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	-5.7942e+01	1.2709e+02	7.6362e+01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	-7.0809e+01	1.2677e+02	3.3753e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-1.1032e+02	1.9426e+02	2.8388e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-1.0327e+02	2.0397e+02	7.1205e+01
1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	-2.0279e+01	1.2971e+01	7.2145e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-2.5323e+01	1.4202e+01	3.4227e+01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	-5.8966e+01	8.5928e+01	3.5912e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-5.1371e+01	8.3409e+01	7.4027e+01
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	3.4848e+01	-9.6202e+01	6.6806e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	4.2921e+01	-9.3209e+01	2.9802e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-2.1502e+01	-2.4302e+01	3.3279e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-1.6586e+01	-2.8849e+01	7.0497e+01
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	8.3447e+01	-2.0462e+02	5.6030e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	9.0998e+01	-1.9050e+02	1.6872e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	5.4003e+01	-1.3129e+02	2.5967e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	4.1016e+01	-1.3706e+02	6.5971e+01
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	1.3235e+02	-2.9222e+02	1.8942e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	1.3062e+02	-2.5405e+02	-1.8255e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	1.0643e+02	-2.2532e+02	1.3549e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	8.8220e+01	-2.4176e+02	4.5785e+01
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.3007e+02	-2.8262e+02	-6.7161e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	1.2734e+02	-2.3132e+02	-5.9658e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	1.4107e+02	-2.6660e+02	-1.4589e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	1.3178e+02	-3.0727e+02	-2.1348e+01
1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	2.8328e+01	-8.7993e+01	-1.5436e+02
	1330	0.0000e+00	0.0000e+00	0.0000e+00	5.4380e+01	-8.3130e+01	-7.6664e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	1.1319e+02	-1.8969e+02	-4.7551e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.2513e+02	-2.4278e+02	-1.2509e+02
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.6176e+02	4.7053e+02	-1.8946e+02
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-1.6261e+02	3.1834e+02	-7.8517e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-9.2257e+01	1.7946e+02	-1.8222e+02
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-8.8407e+00	2.3241e+02	-2.9313e+02
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	-1.0018e+02	4.2459e+02	6.0283e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-1.7547e+02	3.7272e+02	2.8122e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-1.7249e+02	3.5144e+02	-7.9596e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.6842e+02	5.1175e+02	-4.7673e+01
1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	-3.6946e+01	2.6113e+02	1.2737e+02
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-1.0837e+02	2.5968e+02	7.3864e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-1.4182e+02	3.2573e+02	4.5067e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-1.1116e+02	3.8131e+02	9.8474e+01
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	-1.5618e+01	1.1832e+02	1.1240e+02
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-4.9565e+01	1.2392e+02	7.9665e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-8.6908e+01	2.1123e+02	8.6665e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-4.1125e+01	2.0296e+02	1.1940e+02
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	-1.1023e+01	7.7335e+00	9.6686e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-1.6317e+01	6.2770e+00	7.6408e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-4.3373e+01	8.8413e+01	8.3882e+01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-1.6280e+01	7.2123e+01	1.0417e+02
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	9.1154e+00	-9.4311e+01	9.5628e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	2.9136e+01	-1.0359e+02	7.5919e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-1.5109e+01	-2.4388e+01	7.5447e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-1.0818e+01	-3.2782e+01	9.5163e+01
1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	2.9600e+01	-2.1196e+02	1.0117e+02
	1322	0.0000e+00	0.0000e+00	0.0000e+00	6.9777e+01	-2.1381e+02	7.0500e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	3.4911e+01	-1.3630e+02	7.0025e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	8.4095e+00	-1.3728e+02	1.0071e+02
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	9.5516e+01	-3.6625e+02	7.2940e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	1.2128e+02	-3.0782e+02	2.4074e+01

	1322	0.0000e+00	0.0000e+00	0.0000e+00	9.0594e+01	-2.5642e+02	5.6670e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	2.6313e+01	-2.6354e+02	1.0607e+02
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	1.5145e+02	-4.6736e+02	-7.2925e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.4718e+02	-3.1003e+02	-1.0186e+02
	1321	0.0000e+00	0.0000e+00	0.0000e+00	1.5366e+02	-3.4641e+02	7.9906e+00
	1310	0.0000e+00	0.0000e+00	0.0000e+00	8.6342e+01	-4.0107e+02	3.5016e+01
1291	1308	0.0000e+00	0.0000e+00	0.0000e+00	-1.5019e+01	-1.7800e+02	-3.1682e+02
	1319	0.0000e+00	0.0000e+00	0.0000e+00	7.8314e+01	-1.1684e+02	-2.0780e+02
	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.3921e+02	-2.7402e+02	-1.0308e+02
	1309	0.0000e+00	0.0000e+00	0.0000e+00	1.4491e+02	-4.1987e+02	-2.1204e+02
1292	1306	0.0000e+00	0.0000e+00	0.0000e+00	-8.0162e+01	1.2678e+03	-2.3588e+02
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-2.9625e+02	5.9400e+02	-6.0028e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-1.0342e+02	3.1708e+02	-4.0104e+02
	1307	0.0000e+00	0.0000e+00	0.0000e+00	9.9562e+01	3.1779e+02	-5.7701e+02
1293	1305	0.0000e+00	0.0000e+00	0.0000e+00	1.3282e+02	5.3673e+02	2.3747e+02
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-1.4127e+02	5.0192e+02	8.0720e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.5366e+02	5.4583e+02	-4.3395e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-1.7478e+02	7.5406e+02	1.1420e+02
1294	1304	0.0000e+00	0.0000e+00	0.0000e+00	1.0887e+02	2.3792e+02	1.4496e+02
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-6.3122e+00	2.5789e+02	1.1440e+02
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-6.3580e+01	4.0392e+02	1.4368e+02
	1305	0.0000e+00	0.0000e+00	0.0000e+00	1.0569e+02	3.6605e+02	1.7413e+02
1295	1303	0.0000e+00	0.0000e+00	0.0000e+00	5.8928e+01	8.9980e+01	9.3438e+01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	1.5259e+01	1.0213e+02	1.0137e+02
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-5.3947e+00	2.1510e+02	1.3140e+02
	1304	0.0000e+00	0.0000e+00	0.0000e+00	9.1538e+01	1.6794e+02	1.2344e+02
1296	1302	0.0000e+00	0.0000e+00	0.0000e+00	9.4747e+00	-3.5646e+00	7.2607e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	9.5493e+00	-6.7839e+00	8.9306e+01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-8.0832e+00	8.1101e+01	1.0231e+02
	1303	0.0000e+00	0.0000e+00	0.0000e+00	4.4275e+01	5.2473e+01	8.5613e+01
1297	1301	0.0000e+00	0.0000e+00	0.0000e+00	-4.3240e+01	-8.4286e+01	7.7398e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-1.0365e+01	-1.0540e+02	9.3816e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-1.3241e+01	-2.1898e+01	8.8097e+01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-9.3405e+00	-3.1511e+01	7.1673e+01
1298	1300	0.0000e+00	0.0000e+00	0.0000e+00	-8.7379e+01	-1.8725e+02	1.0523e+02
	1311	0.0000e+00	0.0000e+00	0.0000e+00	-5.6501e+00	-2.2553e+02	1.1284e+02
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-1.9958e+01	-1.2419e+02	9.0709e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-5.6895e+01	-1.1869e+02	8.3072e+01
1299	1299	0.0000e+00	0.0000e+00	0.0000e+00	-9.9077e+01	-3.6007e+02	1.4494e+02
	1310	0.0000e+00	0.0000e+00	0.0000e+00	5.4551e+01	-3.8924e+02	1.1626e+02
	1311	0.0000e+00	0.0000e+00	0.0000e+00	-2.8713e+00	-2.6294e+02	9.4796e+01
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-1.0275e+02	-2.4974e+02	1.2348e+02
1300	1298	0.0000e+00	0.0000e+00	0.0000e+00	1.6981e+02	-7.0204e+02	8.1275e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	1.3667e+02	-5.0093e+02	-6.7002e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	1.2871e+02	-4.7580e+02	5.5457e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.2259e+02	-5.1564e+02	2.0331e+02
1301	1297	0.0000e+00	0.0000e+00	0.0000e+00	-1.2412e+02	-2.5408e+02	-5.8007e+02
	1308	0.0000e+00	0.0000e+00	0.0000e+00	1.2667e+02	-2.5501e+02	-4.1029e+02
	1309	0.0000e+00	0.0000e+00	0.0000e+00	2.7459e+02	-5.4513e+02	-8.8412e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	7.5175e+01	-1.1819e+03	-2.5813e+02
1302	557	0.0000e+00	0.0000e+00	0.0000e+00	1.1144e+03	2.4218e+02	3.7605e+02
	1306	0.0000e+00	0.0000e+00	0.0000e+00	8.7062e+01	1.7494e+03	-1.0548e+02
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-8.8442e+02	6.7367e+02	-1.3758e+03
	19	0.0000e+00	0.0000e+00	0.0000e+00	1.0899e+03	4.6943e+03	-9.0880e+02
1303	556	0.0000e+00	0.0000e+00	0.0000e+00	4.9539e+02	3.9199e+02	5.4403e+01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	3.0580e+02	4.1836e+02	1.6674e+02
	1306	0.0000e+00	0.0000e+00	0.0000e+00	3.5496e+02	9.4028e+02	2.2306e+02
	557	0.0000e+00	0.0000e+00	0.0000e+00	6.9444e+02	8.5676e+02	1.0946e+02
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	2.5683e+02	1.6626e+02	2.1483e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	1.9035e+02	1.8604e+02	1.1052e+02
	1305	0.0000e+00	0.0000e+00	0.0000e+00	2.4340e+02	4.1241e+02	1.5762e+02
	556	0.0000e+00	0.0000e+00	0.0000e+00	3.9789e+02	3.4004e+02	6.5075e+01
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	1.1742e+02	5.5708e+01	-8.6582e+00

	1303	0.0000e+00	0.0000e+00	0.0000e+00	9.3871e+01	6.4509e+01	7.0049e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	1.4297e+02	1.8267e+02	9.4487e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	2.0580e+02	1.4386e+02	2.8807e+01
1306	553	0.0000e+00	0.0000e+00	0.0000e+00	1.9347e+01	-1.5808e+01	-4.3903e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	1.8219e+01	-1.6955e+01	5.1651e+01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	5.9466e+01	6.0879e+01	6.0549e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	8.4417e+01	4.2578e+01	9.4847e+00
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	-7.3960e+01	-8.0829e+01	2.2143e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-5.4359e+01	-9.4164e+01	5.4132e+01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-1.4518e+01	-2.0062e+01	5.0211e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	-1.2151e+01	-2.5534e+01	-3.2255e+00
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	-1.8624e+02	-1.7103e+02	1.6430e+01
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-1.3265e+02	-2.0254e+02	7.9007e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-8.6609e+01	-9.6669e+01	6.0713e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-1.0495e+02	-9.2118e+01	-2.4528e+00
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	-3.6094e+02	-3.4438e+02	4.3760e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-2.2436e+02	-4.0478e+02	1.3022e+02
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-1.7563e+02	-2.0353e+02	9.2090e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-2.3284e+02	-1.8882e+02	7.2146e+00
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	-6.2440e+02	-8.1353e+02	7.2691e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-3.3317e+02	-8.8027e+02	1.8201e+02
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-2.8102e+02	-4.0449e+02	1.3912e+02
	550	0.0000e+00	0.0000e+00	0.0000e+00	-4.5022e+02	-3.8680e+02	3.0270e+01
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	-1.0330e+03	-4.4482e+03	-9.1089e+02
	1297	0.0000e+00	0.0000e+00	0.0000e+00	8.8193e+02	-5.9113e+02	-1.3471e+03
	1298	0.0000e+00	0.0000e+00	0.0000e+00	3.9571e+01	-1.6469e+03	-1.3064e+02
	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.0239e+03	-1.9246e+02	3.0861e+02
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	-5.2226e+01	4.0782e+02	6.2366e+01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	1.8047e+02	5.3859e+01	-1.2354e+01
	27	0.0000e+00	0.0000e+00	0.0000e+00	1.8400e+02	8.2144e+02	1.5811e+02
	1287	0.0000e+00	0.0000e+00	0.0000e+00	-1.5705e+02	1.4374e+02	2.2654e+02
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	4.1380e+01	2.9075e+02	-1.8472e+01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	9.5394e+01	6.0759e+01	-1.5345e+01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	1.7569e+02	5.9078e+02	6.9192e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	-6.3431e+01	3.1837e+02	5.2295e+00
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	3.4327e+01	1.9756e+02	-3.0601e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	3.9332e+01	7.6140e+00	-2.5783e+01
	1295	0.0000e+00	0.0000e+00	0.0000e+00	9.6312e+01	4.4763e+02	-2.5339e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	-4.3077e+01	2.5171e+02	-2.9932e+01
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	3.0631e+01	1.0739e+02	-2.6156e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	2.1906e+01	-7.3331e+01	-2.9471e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	4.5657e+01	3.3476e+02	-3.2681e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	-4.4270e+01	1.6285e+02	-2.9087e+01
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	3.2578e+01	1.5892e+01	-2.2087e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-3.4676e+01	-1.5921e+02	-3.0434e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	2.3168e+01	2.3848e+02	-3.2275e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-4.5304e+01	7.0870e+01	-2.3304e+01
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	3.7811e+01	-7.9899e+01	-2.2015e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-5.4232e+01	-2.5823e+02	-3.0946e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-2.5762e+01	1.5262e+02	-3.0217e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	-4.5507e+01	-2.2947e+01	-2.0694e+01
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	4.4539e+01	-1.8008e+02	-2.4167e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-8.6609e+01	-3.7383e+02	-3.1441e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-4.3431e+01	7.3702e+01	-2.8894e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	-4.9485e+01	-1.1911e+02	-2.1571e+01
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	5.6111e+01	-2.8349e+02	-2.4332e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-1.4398e+02	-5.1214e+02	-3.3484e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-7.8797e+01	6.5075e+00	-3.0206e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	-6.1665e+01	-2.1992e+02	-2.2415e+01
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	8.6714e+01	-3.7206e+02	3.8934e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-2.3552e+02	-6.8731e+02	5.5383e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-1.4251e+02	-6.3373e+01	4.0208e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	-8.1795e+01	-3.2915e+02	2.0406e+01

1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	1.7002e+02	-2.3176e+02	2.5413e+02
	26	0.0000e+00	0.0000e+00	0.0000e+00	-3.2787e+02	-9.6271e+02	1.9743e+02
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-2.4232e+02	-6.1521e+01	6.7273e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	9.6997e+01	-4.7495e+02	9.6253e+01
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	-1.1701e+02	2.1668e+02	-1.3218e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	-6.8536e+01	3.3379e+02	4.8977e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	3.4448e+01	9.5379e+01	1.0506e+02
	1276	0.0000e+00	0.0000e+00	0.0000e+00	-5.5630e+01	1.0085e+02	4.5231e+01
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	-1.1797e+02	2.6194e+02	-4.3399e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	-4.7578e+01	3.0059e+02	-5.3693e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	-8.2562e+01	2.6671e+02	-2.1712e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	-1.0101e+02	2.4077e+02	-1.2947e+01
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	-8.0090e+01	2.0112e+02	-4.2728e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	-4.0212e+01	2.1841e+02	-5.9411e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	-5.7135e+01	2.2097e+02	-6.2826e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	-9.4604e+01	2.4519e+02	-4.6058e+01
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	-4.6282e+01	1.1194e+02	-3.2179e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-3.3058e+01	1.2773e+02	-5.1012e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	-4.3742e+01	1.4292e+02	-6.0165e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	-6.7335e+01	1.7741e+02	-4.1045e+01
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.8584e+01	1.3989e+01	-2.5518e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	2.9370e+01	3.4810e+01	-4.5475e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-3.4230e+01	5.4845e+01	-5.0103e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	-3.9152e+01	8.5669e+01	-2.9765e+01
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	4.6322e+01	-8.8131e+01	-2.5800e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	3.4974e+01	-5.9960e+01	-4.6287e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	3.0382e+01	-3.8740e+01	-4.4442e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	3.0301e+01	-1.3697e+01	-2.3910e+01
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	7.7576e+01	-1.8965e+02	-3.1136e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	4.7567e+01	-1.5563e+02	-5.1473e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	3.6003e+01	-1.3711e+02	-4.5150e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	5.4588e+01	-1.1615e+02	-2.4944e+01
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	1.0766e+02	-2.7394e+02	-3.1073e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	6.5629e+01	-2.4740e+02	-5.0060e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	4.7298e+01	-2.3971e+02	-4.8833e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	9.0670e+01	-2.1677e+02	-2.9758e+01
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	1.1885e+02	-2.9181e+02	9.6951e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	9.4288e+01	-3.1280e+02	-1.2852e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	6.2095e+01	-3.4058e+02	-3.9826e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	1.3113e+02	-2.9563e+02	-2.5717e+01
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	8.1794e+01	-1.7309e+02	7.4852e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	8.0895e+01	-1.7190e+02	1.3258e+02
	1278	0.0000e+00	0.0000e+00	0.0000e+00	8.7594e+01	-4.0264e+02	6.8912e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	1.3648e+02	-2.7514e+02	1.2169e+01
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	-1.1146e+02	1.8704e+02	-5.4449e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	-1.0050e+02	1.9187e+02	1.0884e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	-4.1841e+01	9.2157e+01	1.8852e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	-4.7676e+01	7.8206e+01	-4.4832e+01
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	-1.3232e+02	2.5701e+02	-3.3235e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	-1.1242e+02	2.4723e+02	-2.5669e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	-1.1002e+02	2.3506e+02	-2.4593e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	-1.1838e+02	2.2350e+02	-3.2205e+01
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	-9.9447e+01	2.1647e+02	-8.8710e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	-8.6650e+01	2.0348e+02	-3.1172e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	-1.1208e+02	2.4220e+02	-4.0564e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	-1.2638e+02	2.4830e+02	-1.5475e+01
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	-5.1780e+01	1.2644e+02	1.7298e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	-5.0339e+01	1.1811e+02	-2.2894e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	-7.9296e+01	1.7589e+02	-3.2209e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	-9.0985e+01	1.8701e+02	9.9318e+00
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.3731e+01	2.2400e+01	2.4701e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.7679e+01	1.9229e+01	-1.6743e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	-4.2557e+01	8.4201e+01	-2.1199e+01

	1261	0.0000e+00	0.0000e+00	0.0000e+00	-4.4877e+01	9.0995e+01	2.0122e+01
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	6.0386e+01	-8.6400e+01	2.5398e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	5.2091e+01	-8.3875e+01	-1.6262e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.9666e+01	-1.6276e+01	-1.6348e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.6798e+01	-1.4881e+01	2.6173e+01
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	1.0993e+02	-1.9323e+02	1.8828e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	9.1864e+01	-1.8545e+02	-2.1146e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	6.0710e+01	-1.1995e+02	-1.6802e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	6.7953e+01	-1.2419e+02	2.5187e+01
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	1.4862e+02	-2.7207e+02	5.2532e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	1.2763e+02	-2.6845e+02	-2.4356e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	9.9628e+01	-2.1723e+02	-1.8838e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	1.1827e+02	-2.2724e+02	1.2686e+01
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	1.4433e+02	-2.6851e+02	-8.6054e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	1.3047e+02	-2.8365e+02	-4.4517e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	1.2848e+02	-2.7911e+02	-8.4565e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	1.5436e+02	-2.8721e+02	-1.2187e+01
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	7.9821e+01	-1.4359e+02	-1.6861e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	7.4439e+01	-1.6056e+02	4.5368e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	1.2213e+02	-2.4679e+02	3.2330e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	1.3732e+02	-2.3828e+02	-2.9444e+01
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	-1.2523e+02	2.4281e+02	-1.2506e+02
	1264	0.0000e+00	0.0000e+00	0.0000e+00	-1.1334e+02	1.8972e+02	-4.7525e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	-5.4540e+01	8.3165e+01	-7.6643e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	-2.8452e+01	8.8036e+01	-1.5434e+02
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	-1.3187e+02	3.0727e+02	-2.1316e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	-1.4120e+02	2.6659e+02	-1.4568e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	-1.2748e+02	2.3134e+02	-5.9630e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-1.3018e+02	2.8264e+02	-6.7126e+01
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	-8.8323e+01	2.4173e+02	4.5821e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	-1.0656e+02	2.2528e+02	1.3580e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	-1.3075e+02	2.5404e+02	-1.8230e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-1.3245e+02	2.9220e+02	1.8979e+01
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	-4.1144e+01	1.3701e+02	6.6009e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	-5.4155e+01	1.3124e+02	2.6005e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	-9.1136e+01	1.9046e+02	1.6908e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-8.3553e+01	2.0457e+02	5.6067e+01
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.6671e+01	2.8785e+01	7.0540e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.1618e+01	2.4234e+01	3.3326e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	-4.3085e+01	9.3150e+01	2.9846e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-3.4984e+01	9.6145e+01	6.6845e+01
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	5.1300e+01	-8.3474e+01	7.4073e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	5.8898e+01	-8.5996e+01	3.5967e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.5374e+01	-1.4268e+01	3.4279e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	2.0313e+01	-1.3034e+01	7.2189e+01
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.0316e+02	-2.0403e+02	7.1251e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	1.1020e+02	-1.9432e+02	2.8447e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	7.0724e+01	-1.2683e+02	3.3812e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	5.7862e+01	-1.2715e+02	7.6409e+01
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.5572e+02	-3.1135e+02	3.9288e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	1.5316e+02	-2.7585e+02	1.9969e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	1.2612e+02	-2.3441e+02	2.6288e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.0763e+02	-2.4663e+02	6.3427e+01
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.5496e+02	-3.2423e+02	-4.2728e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	1.5368e+02	-2.7490e+02	-3.7248e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	1.6399e+02	-2.9523e+02	7.2052e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.5440e+02	-3.3354e+02	3.1017e+00
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	5.9337e+01	-1.4962e+02	-1.2689e+02
	1255	0.0000e+00	0.0000e+00	0.0000e+00	8.2147e+01	-1.4733e+02	-5.0272e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	1.3933e+02	-2.3853e+02	-2.3075e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.4947e+02	-2.8993e+02	-9.9797e+01
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.4496e+02	4.1992e+02	-2.1201e+02
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-1.3930e+02	2.7405e+02	-1.0304e+02

	1254	0.0000e+00	0.0000e+00	0.0000e+00	-7.8412e+01	1.1689e+02	-2.0778e+02
	1243	0.0000e+00	0.0000e+00	0.0000e+00	1.4964e+01	1.7807e+02	-3.1679e+02
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	-8.6390e+01	4.0106e+02	3.5054e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-1.5375e+02	3.4641e+02	8.0165e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-1.4727e+02	3.1005e+02	-1.0182e+02
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.5151e+02	4.6738e+02	-7.2884e+01
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	-2.6385e+01	2.6350e+02	1.0610e+02
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-9.0683e+01	2.5639e+02	5.6702e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-1.2136e+02	3.0781e+02	2.4112e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-9.5568e+01	3.6623e+02	7.2973e+01
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	-8.5071e+00	1.3723e+02	1.0074e+02
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-3.5028e+01	1.3625e+02	7.0060e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-6.9874e+01	2.1378e+02	7.0535e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	-2.9676e+01	2.1192e+02	1.0120e+02
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.0848e+01	3.2721e+01	9.5194e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.5172e+01	2.4326e+01	7.5486e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-2.9263e+01	1.0353e+02	7.5955e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	-9.2150e+00	9.4257e+01	9.5657e+01
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.6241e+01	-7.2186e+01	1.0421e+02
	1248	0.0000e+00	0.0000e+00	0.0000e+00	4.3304e+01	-8.8476e+01	8.3924e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.6359e+01	-6.3308e+00	7.6450e+01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.1053e+01	-7.7863e+00	9.6719e+01
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	4.1024e+01	-2.0302e+02	1.1943e+02
	1247	0.0000e+00	0.0000e+00	0.0000e+00	8.6799e+01	-2.1128e+02	8.6705e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	4.9486e+01	-1.2399e+02	7.9709e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	1.5575e+01	-1.1838e+02	1.1244e+02
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	1.1104e+02	-3.8135e+02	9.8493e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.4168e+02	-3.2577e+02	4.5100e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.0825e+02	-2.5973e+02	7.3906e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	3.6839e+01	-2.6119e+02	1.2740e+02
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	1.6826e+02	-5.1175e+02	-4.7668e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.7231e+02	-3.5144e+02	-7.9570e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.7532e+02	-3.7274e+02	2.8156e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	1.0005e+02	-4.2462e+02	6.0294e+01
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	8.6458e+00	-2.3237e+02	-2.9311e+02
	1244	0.0000e+00	0.0000e+00	0.0000e+00	9.2056e+01	-1.7943e+02	-1.8218e+02
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.6242e+02	-3.1832e+02	-7.8489e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	1.6160e+02	-4.7051e+02	-1.8945e+02
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-7.5166e+01	1.1820e+03	-2.5808e+02
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-2.7463e+02	5.4518e+02	-8.8374e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-1.2671e+02	2.5509e+02	-4.1027e+02
	1232	0.0000e+00	0.0000e+00	0.0000e+00	1.2415e+02	2.5420e+02	-5.8005e+02
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	1.2256e+02	5.1562e+02	2.0333e+02
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-1.2874e+02	4.7578e+02	5.5485e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.3670e+02	5.0096e+02	-6.6955e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.6981e+02	7.0203e+02	8.1305e+01
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	1.0269e+02	2.4970e+02	1.2348e+02
	1240	0.0000e+00	0.0000e+00	0.0000e+00	2.9239e+00	2.6290e+02	9.4820e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-5.4595e+01	3.8923e+02	1.1629e+02
	1230	0.0000e+00	0.0000e+00	0.0000e+00	9.9042e+01	3.6005e+02	1.4495e+02
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	5.6817e+01	1.1864e+02	8.3084e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.9913e+01	1.2414e+02	9.0733e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	5.6564e+00	2.2549e+02	1.1286e+02
	1229	0.0000e+00	0.0000e+00	0.0000e+00	8.7313e+01	1.8722e+02	1.0524e+02
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	9.2855e+00	3.1455e+01	7.1691e+01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	1.3217e+01	2.1837e+01	8.8124e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	1.0359e+01	1.0535e+02	9.3840e+01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	4.3157e+01	8.4238e+01	7.7412e+01
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	-4.4385e+01	-5.2533e+01	8.5637e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	8.1524e+00	-8.1164e+01	1.0234e+02
	1238	0.0000e+00	0.0000e+00	0.0000e+00	-9.6462e+00	6.7227e+00	8.9334e+01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-9.5587e+00	3.5030e+00	7.2627e+01
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	-9.1656e+01	-1.6800e+02	1.2346e+02

	1236	0.0000e+00	0.0000e+00	0.0000e+00	5.3653e+00	-2.1516e+02	1.3143e+02
	1237	0.0000e+00	0.0000e+00	0.0000e+00	-1.5372e+01	-1.0219e+02	1.0140e+02
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-5.9042e+01	-9.0040e+01	9.3464e+01
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.0581e+02	-3.6611e+02	1.7415e+02
	1235	0.0000e+00	0.0000e+00	0.0000e+00	6.3461e+01	-4.0396e+02	1.4370e+02
	1236	0.0000e+00	0.0000e+00	0.0000e+00	6.2167e+00	-2.5795e+02	1.1442e+02
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-1.0899e+02	-2.3798e+02	1.4499e+02
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	1.7469e+02	-7.5411e+02	1.1418e+02
	1234	0.0000e+00	0.0000e+00	0.0000e+00	1.5354e+02	-5.4583e+02	-4.3403e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	1.4116e+02	-5.0196e+02	8.0733e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.3295e+02	-5.3678e+02	2.3749e+02
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	-9.9734e+01	-3.1771e+02	-5.7702e+02
	1233	0.0000e+00	0.0000e+00	0.0000e+00	1.0324e+02	-3.1703e+02	-4.0103e+02
	1234	0.0000e+00	0.0000e+00	0.0000e+00	2.9610e+02	-5.9396e+02	-6.0030e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	8.0155e+01	-1.2678e+03	-2.3591e+02
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	1.0238e+03	1.9239e+02	3.0848e+02
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-3.9786e+01	1.6469e+03	-1.3064e+02
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-8.8200e+02	5.9130e+02	-1.3470e+03
	16	0.0000e+00	0.0000e+00	0.0000e+00	1.0336e+03	4.4483e+03	-9.1100e+02
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	4.5013e+02	3.8678e+02	3.0264e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	2.8099e+02	4.0445e+02	1.3912e+02
	1231	0.0000e+00	0.0000e+00	0.0000e+00	3.3324e+02	8.8027e+02	1.8200e+02
	440	0.0000e+00	0.0000e+00	0.0000e+00	6.2432e+02	8.1356e+02	7.2656e+01
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	2.3272e+02	1.8879e+02	7.2313e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	1.7556e+02	2.0349e+02	9.2094e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	2.2432e+02	4.0475e+02	1.3021e+02
	439	0.0000e+00	0.0000e+00	0.0000e+00	3.6084e+02	3.4437e+02	4.3742e+01
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	1.0481e+02	9.2079e+01	-2.4577e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	8.6517e+01	9.6621e+01	6.0722e+01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	1.3257e+02	2.0250e+02	7.9006e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	1.8612e+02	1.7100e+02	1.6422e+01
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	1.1983e+01	2.5488e+01	-3.2398e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	1.4421e+01	2.0005e+01	5.0227e+01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	5.4262e+01	9.4115e+01	5.4139e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	7.3813e+01	8.0790e+01	2.2114e+00
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	-8.4579e+01	-4.2635e+01	9.5244e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-5.9587e+01	-6.0942e+01	6.0573e+01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-1.8322e+01	1.6898e+01	5.1666e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	-1.9462e+01	1.5763e+01	-4.4200e+00
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	-2.0598e+02	-1.4392e+02	2.8854e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-1.4310e+02	-1.8273e+02	9.4519e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-9.3996e+01	-6.4570e+01	7.0070e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-1.1758e+02	-5.5766e+01	-8.7205e+00
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	-3.9809e+02	-3.4009e+02	6.5142e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-2.4353e+02	-4.1247e+02	1.5766e+02
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-1.9049e+02	-1.8611e+02	1.1054e+02
	434	0.0000e+00	0.0000e+00	0.0000e+00	-2.5702e+02	-1.6632e+02	2.1565e+01
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	-6.9465e+02	-8.5677e+02	1.0958e+02
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-3.5503e+02	-9.4031e+02	2.2310e+02
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-3.0592e+02	-4.1843e+02	1.6675e+02
	433	0.0000e+00	0.0000e+00	0.0000e+00	-4.9558e+02	-3.9205e+02	5.4507e+01
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.0897e+03	-4.6941e+03	-9.0872e+02
	1222	0.0000e+00	0.0000e+00	0.0000e+00	8.8418e+02	-6.7353e+02	-1.3758e+03
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-8.7331e+01	-1.7494e+03	-1.0549e+02
	432	0.0000e+00	0.0000e+00	0.0000e+00	-1.1146e+03	-2.4235e+02	3.7627e+02
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	-1.4098e+02	4.8172e+02	8.7346e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	2.1297e+02	7.1292e+01	5.0692e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	3.0074e+02	9.6783e+02	1.7662e+02
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-2.1771e+02	2.2593e+02	2.5660e+02
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	9.1439e+01	3.3685e+02	-5.1343e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	1.2429e+02	6.3231e+01	-2.2187e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	2.0801e+02	6.9733e+02	3.3298e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	-1.4047e+02	3.7704e+02	2.3833e+01

1384 1209 0.0000e+00 0.0000e+00 0.0000e+00 7.1465e+01 2.2283e+02 -1.7734e+01  
1219 0.0000e+00 0.0000e+00 0.0000e+00 6.9622e+01 -2.2120e+01 -1.7915e+01  
1220 0.0000e+00 0.0000e+00 0.0000e+00 1.2534e+02 5.1916e+02 -2.0840e+01  
1210 0.0000e+00 0.0000e+00 0.0000e+00 -9.7873e+01 2.8740e+02 -1.5654e+01

1385 1208 0.0000e+00 0.0000e+00 0.0000e+00 6.1939e+01 1.1881e+02 -1.9376e+01  
1218 0.0000e+00 0.0000e+00 0.0000e+00 4.5643e+01 -8.6238e+01 -2.1973e+01  
1219 0.0000e+00 0.0000e+00 0.0000e+00 7.4064e+01 3.7774e+02 -2.4125e+01  
1209 0.0000e+00 0.0000e+00 0.0000e+00 -8.4606e+01 1.8112e+02 -1.8772e+01

1386 1207 0.0000e+00 0.0000e+00 0.0000e+00 5.9644e+01 2.1633e+01 -2.1862e+01  
1217 0.0000e+00 0.0000e+00 0.0000e+00 -4.3427e+01 -1.6742e+02 -2.7003e+01  
1218 0.0000e+00 0.0000e+00 0.0000e+00 4.8192e+01 2.5989e+02 -2.5958e+01  
1208 0.0000e+00 0.0000e+00 0.0000e+00 -7.7750e+01 7.8524e+01 -1.8826e+01

1387 1206 0.0000e+00 0.0000e+00 0.0000e+00 6.3176e+01 -7.7772e+01 -2.6207e+01  
1216 0.0000e+00 0.0000e+00 0.0000e+00 -5.6756e+01 -2.5728e+02 -3.2252e+01  
1217 0.0000e+00 0.0000e+00 0.0000e+00 4.0385e+01 1.5967e+02 -2.8488e+01  
1207 0.0000e+00 0.0000e+00 0.0000e+00 -7.4744e+01 -2.2385e+01 -2.1730e+01

1388 1205 0.0000e+00 0.0000e+00 0.0000e+00 7.3673e+01 -1.7285e+02 -3.0390e+01  
1215 0.0000e+00 0.0000e+00 0.0000e+00 -8.8989e+01 -3.5938e+02 -3.7601e+01  
1216 0.0000e+00 0.0000e+00 0.0000e+00 -5.1000e+01 7.4472e+01 -3.2668e+01  
1206 0.0000e+00 0.0000e+00 0.0000e+00 -7.8732e+01 -1.1518e+02 -2.5809e+01

1389 1204 0.0000e+00 0.0000e+00 0.0000e+00 9.6256e+01 -2.6648e+02 -3.0521e+01  
1214 0.0000e+00 0.0000e+00 0.0000e+00 -1.4944e+02 -4.8023e+02 -4.5353e+01  
1215 0.0000e+00 0.0000e+00 0.0000e+00 -8.6488e+01 -2.5320e+01 -3.9824e+01  
1205 0.0000e+00 0.0000e+00 0.0000e+00 -9.4220e+01 -2.0890e+02 -2.7447e+01

1390 1203 0.0000e+00 0.0000e+00 0.0000e+00 1.4162e+02 -3.4150e+02 3.9596e+01  
1213 0.0000e+00 0.0000e+00 0.0000e+00 -2.4665e+02 -6.3400e+02 7.0788e+01  
1214 0.0000e+00 0.0000e+00 0.0000e+00 -1.5460e+02 -6.9860e+01 5.5528e+01  
1204 0.0000e+00 0.0000e+00 0.0000e+00 -1.2380e+02 -3.0702e+02 2.1077e+01

1391 1143 0.0000e+00 0.0000e+00 0.0000e+00 1.5783e+02 -1.9027e+02 2.4974e+02  
24 0.0000e+00 0.0000e+00 0.0000e+00 -3.9770e+02 -8.8120e+02 2.0656e+02  
1213 0.0000e+00 0.0000e+00 0.0000e+00 -2.6337e+02 -6.8026e+01 9.3196e+01  
1203 0.0000e+00 0.0000e+00 0.0000e+00 -1.6257e+02 -4.3372e+02 9.0426e+01

1392 1201 0.0000e+00 0.0000e+00 0.0000e+00 -1.7852e+02 2.7690e+02 1.5176e+01  
1211 0.0000e+00 0.0000e+00 0.0000e+00 -1.3945e+02 4.0492e+02 6.6951e+01  
1212 0.0000e+00 0.0000e+00 0.0000e+00 -1.1759e+02 1.7057e+02 1.2943e+02  
1202 0.0000e+00 0.0000e+00 0.0000e+00 -1.2174e+02 1.7311e+02 7.2697e+01

1393 1200 0.0000e+00 0.0000e+00 0.0000e+00 -1.7379e+02 3.0129e+02 -2.9797e+01  
1210 0.0000e+00 0.0000e+00 0.0000e+00 -1.0679e+02 3.4668e+02 -4.2334e+01  
1211 0.0000e+00 0.0000e+00 0.0000e+00 -1.4637e+02 3.1948e+02 -1.0823e+01  
1201 0.0000e+00 0.0000e+00 0.0000e+00 -1.6291e+02 2.9482e+02 1.8816e+01

1394 1199 0.0000e+00 0.0000e+00 0.0000e+00 -1.3203e+02 2.2077e+02 -3.3559e+01  
1209 0.0000e+00 0.0000e+00 0.0000e+00 -8.9151e+01 2.4357e+02 -5.1276e+01  
1210 0.0000e+00 0.0000e+00 0.0000e+00 -1.1210e+02 2.5169e+02 -5.2971e+01  
1200 0.0000e+00 0.0000e+00 0.0000e+00 -1.4948e+02 2.7806e+02 -3.4879e+01

1395 1198 0.0000e+00 0.0000e+00 0.0000e+00 -9.7561e+01 1.1800e+02 -2.8843e+01  
1208 0.0000e+00 0.0000e+00 0.0000e+00 -7.6539e+01 1.3829e+02 -4.6477e+01  
1209 0.0000e+00 0.0000e+00 0.0000e+00 -9.0371e+01 1.5705e+02 -5.3519e+01  
1199 0.0000e+00 0.0000e+00 0.0000e+00 -1.1881e+02 1.9250e+02 -3.4430e+01

1396 1197 0.0000e+00 0.0000e+00 0.0000e+00 -7.5818e+01 1.4879e+01 -2.7686e+01  
1207 0.0000e+00 0.0000e+00 0.0000e+00 -6.9045e+01 3.8278e+01 -4.4935e+01  
1208 0.0000e+00 0.0000e+00 0.0000e+00 -7.6635e+01 5.9212e+01 -4.7225e+01  
1198 0.0000e+00 0.0000e+00 0.0000e+00 -9.0371e+01 8.9393e+01 -2.8801e+01

1397 1196 0.0000e+00 0.0000e+00 0.0000e+00 7.2139e+01 -8.8606e+01 -3.1229e+01  
1206 0.0000e+00 0.0000e+00 0.0000e+00 6.9279e+01 -5.9751e+01 -4.8813e+01  
1207 0.0000e+00 0.0000e+00 0.0000e+00 -6.9552e+01 -3.9410e+01 -4.5494e+01  
1197 0.0000e+00 0.0000e+00 0.0000e+00 -7.3539e+01 -1.6099e+01 -2.7849e+01

1398 1195 0.0000e+00 0.0000e+00 0.0000e+00 8.6221e+01 -1.8312e+02 -3.7502e+01  
1205 0.0000e+00 0.0000e+00 0.0000e+00 7.8475e+01 -1.5045e+02 -5.4980e+01  
1206 0.0000e+00 0.0000e+00 0.0000e+00 -7.0914e+01 -1.3432e+02 -4.8926e+01  
1196 0.0000e+00 0.0000e+00 0.0000e+00 7.5507e+01 -1.1480e+02 -3.1566e+01

1399 1194 0.0000e+00 0.0000e+00 0.0000e+00 1.0782e+02 -2.5576e+02 -3.6556e+01  
1204 0.0000e+00 0.0000e+00 0.0000e+00 9.7796e+01 -2.3292e+02 -5.2244e+01  
1205 0.0000e+00 0.0000e+00 0.0000e+00 8.1457e+01 -2.2849e+02 -5.3129e+01



	1195	0.0000e+00	0.0000e+00	0.0000e+00	9.5577e+01	-2.0681e+02	-3.6968e+01
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	1.2100e+02	-2.6101e+02	5.4264e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.2415e+02	-2.8639e+02	-1.2261e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	1.0170e+02	-3.1656e+02	-4.2002e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	1.2538e+02	-2.7307e+02	-3.1808e+01
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	1.1308e+02	-1.3763e+02	6.6064e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	-1.4638e+02	-1.3524e+02	1.2798e+02
	1203	0.0000e+00	0.0000e+00	0.0000e+00	1.3052e+02	-3.6375e+02	6.6979e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	1.2867e+02	-2.3958e+02	4.9466e+00
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	-1.6548e+02	2.4176e+02	-3.2384e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	-1.6211e+02	2.4954e+02	3.3902e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	-1.1212e+02	1.6212e+02	4.3459e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-1.0834e+02	1.4676e+02	-1.9765e+01
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	-1.8260e+02	2.9120e+02	-2.0650e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	-1.6755e+02	2.8401e+02	-1.7737e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	-1.6941e+02	2.8761e+02	-1.5697e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	-1.7338e+02	2.7216e+02	-1.7947e+01
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	-1.4758e+02	2.3071e+02	2.0967e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	-1.3786e+02	2.2110e+02	-2.4076e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	-1.6605e+02	2.7331e+02	-2.9472e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	-1.7717e+02	2.7548e+02	1.9330e+01
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	-1.0149e+02	1.2670e+02	2.8949e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	-1.0173e+02	1.2226e+02	-2.1694e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	-1.3042e+02	1.8900e+02	-2.6470e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	-1.3960e+02	1.9598e+02	2.5025e+01
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	-6.8515e+01	1.7667e+01	2.9263e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	-7.5608e+01	1.8007e+01	-2.0873e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	-9.4559e+01	8.5897e+01	-2.2067e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	-9.5355e+01	8.8529e+01	2.8916e+01
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	6.6694e+01	-9.1841e+01	2.3333e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	7.2105e+01	-8.5838e+01	-2.3169e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	-7.2351e+01	-2.0124e+01	-2.1827e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	-6.6477e+01	-2.2661e+01	2.7791e+01
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	9.4923e+01	-1.9008e+02	1.1286e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	9.1348e+01	-1.7999e+02	-2.9130e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	7.4378e+01	-1.1994e+02	-2.4224e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	7.0702e+01	-1.2716e+02	2.0316e+01
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	1.2321e+02	-2.5532e+02	-9.6776e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	1.1664e+02	-2.5087e+02	-3.2370e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	9.5998e+01	-2.0799e+02	-2.6689e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	1.0178e+02	-2.1953e+02	-6.3631e+00
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	1.1819e+02	-2.3808e+02	-2.5148e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	1.1959e+02	-2.5321e+02	-1.2059e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	1.1768e+02	-2.5696e+02	-1.5551e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	1.2769e+02	-2.6485e+02	-2.6999e+01
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	8.8232e+01	-1.0830e+02	-3.0790e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	1.0769e+02	-1.2630e+02	3.6649e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	1.1682e+02	-2.1262e+02	2.3202e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	1.1179e+02	-2.0380e+02	-4.3718e+01
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	-1.6333e+02	2.9604e+02	-9.9924e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	-1.6496e+02	2.4345e+02	-2.6273e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-1.0826e+02	1.5203e+02	-5.2516e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	-7.5004e+01	1.5675e+02	-1.2832e+02
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	-1.6809e+02	3.3675e+02	-1.7336e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	-1.8847e+02	2.9949e+02	1.8741e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	-1.7808e+02	2.7943e+02	-3.9465e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-1.6974e+02	3.2908e+02	-4.3611e+01
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	-1.2380e+02	2.4886e+02	6.5389e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	-1.5120e+02	2.3771e+02	3.0887e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	-1.7739e+02	2.7985e+02	-1.8944e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-1.7006e+02	3.1377e+02	4.4304e+01
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	-7.9662e+01	1.2937e+02	7.6557e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	-1.0035e+02	1.2949e+02	3.6010e+01

	1189	0.0000e+00	0.0000e+00	0.0000e+00	-1.3624e+02	1.9757e+02	3.3485e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-1.2001e+02	2.0592e+02	7.3005e+01
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	-5.2025e+01	1.7445e+01	7.1922e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	-6.4816e+01	1.7679e+01	3.5719e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	-9.0612e+01	8.8604e+01	3.8730e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-7.4696e+01	8.5708e+01	7.4624e+01
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	5.1620e+01	-9.6507e+01	6.6519e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	6.3202e+01	-9.2968e+01	3.0941e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	-6.1108e+01	-2.4073e+01	3.5700e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-5.0190e+01	-2.8959e+01	7.0830e+01
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	8.4403e+01	-2.0699e+02	5.5425e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	9.3393e+01	-1.9215e+02	1.6866e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	6.7782e+01	-1.3159e+02	2.8189e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	5.5294e+01	-1.3724e+02	6.6114e+01
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.2643e+02	-2.9757e+02	1.8809e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	1.2504e+02	-2.5930e+02	-1.5194e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	1.0466e+02	-2.2777e+02	1.4486e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	8.8344e+01	-2.4408e+02	4.5330e+01
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.2131e+02	-2.9205e+02	-6.6584e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	1.2162e+02	-2.4365e+02	-5.4547e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	1.3297e+02	-2.7298e+02	-1.0191e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.2502e+02	-3.1266e+02	-2.2071e+01
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	5.9025e+01	-1.1107e+02	-1.4428e+02
	1121	0.0000e+00	0.0000e+00	0.0000e+00	8.1744e+01	-1.1063e+02	-6.4251e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	1.1072e+02	-2.0346e+02	-4.0124e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.1567e+02	-2.5228e+02	-1.1982e+02
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.5965e+02	4.7991e+02	-1.8748e+02
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-1.7397e+02	3.2633e+02	-7.8301e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	-1.0442e+02	1.8874e+02	-1.8387e+02
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-9.5995e+00	2.4610e+02	-2.9356e+02
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	-9.9704e+01	4.2540e+02	6.3109e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-1.8481e+02	3.7589e+02	3.2585e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-1.8181e+02	3.5721e+02	-7.8518e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.6825e+02	5.1673e+02	-4.6893e+01
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	-4.3570e+01	2.6203e+02	1.2579e+02
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-1.2006e+02	2.6146e+02	7.4887e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-1.5183e+02	3.2875e+02	4.9604e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-1.1163e+02	3.8157e+02	9.9206e+01
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	-3.2578e+01	1.2045e+02	1.1036e+02
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-6.8144e+01	1.2620e+02	7.9533e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-1.0058e+02	2.1360e+02	8.7533e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-4.8719e+01	2.0407e+02	1.1830e+02
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	-3.3826e+01	1.4268e+01	9.5453e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-4.5520e+01	1.2616e+01	7.6058e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-6.4028e+01	9.1039e+01	8.3746e+01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	-3.4453e+01	7.4717e+01	1.0314e+02
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	3.2770e+01	-9.4238e+01	9.5391e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	4.6230e+01	-1.0297e+02	7.5535e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-4.5145e+01	-2.4641e+01	7.5305e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-3.4759e+01	-3.2568e+01	9.5101e+01
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	3.8444e+01	-2.1464e+02	1.0118e+02
	1175	0.0000e+00	0.0000e+00	0.0000e+00	7.2330e+01	-2.1498e+02	6.9539e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	4.8071e+01	-1.3662e+02	6.9929e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	3.2903e+01	-1.3747e+02	1.0155e+02
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	9.7237e+01	-3.7299e+02	7.1799e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.1666e+02	-3.1157e+02	2.2620e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	8.9247e+01	-2.5913e+02	5.6258e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	3.5834e+01	-2.6670e+02	1.0667e+02
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	1.4857e+02	-4.7484e+02	-7.8343e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.3975e+02	-3.1705e+02	-1.0411e+02
	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.4622e+02	-3.5166e+02	8.8613e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	8.7943e+01	-4.0745e+02	3.3099e+01
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	-2.4098e+01	-1.8387e+02	-3.1013e+02

	1110	0.0000e+00	0.0000e+00	0.0000e+00	6.8512e+01	-1.3638e+02	-1.9810e+02
	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.2898e+02	-2.7830e+02	-1.0108e+02
	1163	0.0000e+00	0.0000e+00	0.0000e+00	1.4421e+02	-4.2419e+02	-2.1293e+02
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	-6.7015e+01	1.2796e+03	-2.3249e+02
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-2.9225e+02	6.0558e+02	-5.8754e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.0036e+02	3.3458e+02	-4.0200e+02
	1162	0.0000e+00	0.0000e+00	0.0000e+00	1.2540e+02	3.4250e+02	-5.7677e+02
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	1.4155e+02	5.3487e+02	2.3102e+02
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-1.3560e+02	5.0011e+02	8.0257e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.4571e+02	5.5192e+02	-4.1987e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-1.5841e+02	7.4865e+02	1.1391e+02
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	1.1075e+02	2.3860e+02	1.3810e+02
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-1.4695e+01	2.5814e+02	1.1215e+02
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-6.1492e+01	4.0479e+02	1.4226e+02
	1160	0.0000e+00	0.0000e+00	0.0000e+00	1.1324e+02	3.6500e+02	1.6812e+02
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	6.0539e+01	9.3213e+01	8.9119e+01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	2.6121e+01	1.0452e+02	9.9377e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.8328e+01	2.1666e+02	1.2850e+02
	1159	0.0000e+00	0.0000e+00	0.0000e+00	9.2977e+01	1.7003e+02	1.1839e+02
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	2.5542e+01	7.9240e+00	7.1272e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	2.9549e+01	-1.0806e+01	8.8583e+01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	2.6463e+01	8.3995e+01	1.0017e+02
	1158	0.0000e+00	0.0000e+00	0.0000e+00	4.7436e+01	5.6482e+01	8.2933e+01
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	-5.0512e+01	-8.2039e+01	7.9314e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-3.1929e+01	-1.0429e+02	9.4618e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-3.3429e+01	-2.1876e+01	8.7473e+01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-2.7231e+01	-2.8988e+01	7.2135e+01
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	-8.6581e+01	-1.8836e+02	1.1003e+02
	1165	0.0000e+00	0.0000e+00	0.0000e+00	2.4971e+01	-2.2701e+02	1.1446e+02
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-3.6003e+01	-1.2442e+02	9.1431e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-6.2022e+01	-1.1749e+02	8.7109e+01
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	-8.7749e+01	-3.6787e+02	1.5094e+02
	1164	0.0000e+00	0.0000e+00	0.0000e+00	5.9462e+01	-3.9442e+02	1.1640e+02
	1165	0.0000e+00	0.0000e+00	0.0000e+00	2.0117e+01	-2.6715e+02	9.5908e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-1.0009e+02	-2.5316e+02	1.3095e+02
1440	1153	0.0000e+00	0.0000e+00	0.0000e+00	1.9600e+02	-7.2052e+02	8.1088e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	1.4773e+02	-5.0542e+02	-7.7351e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	1.3546e+02	-4.8636e+02	5.4725e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.1015e+02	-5.2533e+02	2.1008e+02
1441	1088	0.0000e+00	0.0000e+00	0.0000e+00	-8.0389e+01	-2.5246e+02	-5.8512e+02
	1099	0.0000e+00	0.0000e+00	0.0000e+00	9.2816e+01	-2.5891e+02	-4.1236e+02
	1163	0.0000e+00	0.0000e+00	0.0000e+00	2.8066e+02	-5.4099e+02	-8.8650e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	1.1941e+02	-1.1934e+03	-2.6069e+02
1442	323	0.0000e+00	0.0000e+00	0.0000e+00	1.1267e+03	2.1815e+02	3.3090e+02
	1161	0.0000e+00	0.0000e+00	0.0000e+00	1.3059e+02	1.7483e+03	-1.1397e+02
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-8.8728e+02	7.1435e+02	-1.3656e+03
	14	0.0000e+00	0.0000e+00	0.0000e+00	1.2803e+03	4.7288e+03	-9.4949e+02
1443	322	0.0000e+00	0.0000e+00	0.0000e+00	4.9661e+02	3.9152e+02	4.6143e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	3.1648e+02	4.1261e+02	1.6012e+02
	1161	0.0000e+00	0.0000e+00	0.0000e+00	3.9291e+02	9.3792e+02	2.0955e+02
	323	0.0000e+00	0.0000e+00	0.0000e+00	6.9442e+02	8.6339e+02	9.2925e+01
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	2.5475e+02	1.7014e+02	1.8374e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	1.9157e+02	1.8772e+02	1.0387e+02
	1160	0.0000e+00	0.0000e+00	0.0000e+00	2.4969e+02	4.1162e+02	1.4679e+02
	322	0.0000e+00	0.0000e+00	0.0000e+00	3.9678e+02	3.4564e+02	5.4417e+01
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	1.1656e+02	6.1907e+01	-6.3601e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	9.4092e+01	6.8817e+01	6.6061e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	1.4366e+02	1.8511e+02	8.7417e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	2.0337e+02	1.5008e+02	2.2326e+01
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	3.0706e+01	-9.0557e+00	-4.0142e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	2.9568e+01	-1.3659e+01	5.1046e+01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	6.1356e+01	6.5306e+01	5.6876e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	8.4748e+01	4.9453e+01	4.5296e+00

1447	318	0.0000e+00	0.0000e+00	0.0000e+00	-8.0254e+01	-7.4430e+01	1.2975e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-6.0769e+01	-9.0818e+01	5.7873e+01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-3.0295e+01	-1.6631e+01	5.0295e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	-2.9544e+01	-1.8801e+01	-5.8986e+00
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	-1.8801e+02	-1.6682e+02	3.3612e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-1.3131e+02	-2.0269e+02	8.7681e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-9.0585e+01	-9.4272e+01	6.4805e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-1.0916e+02	-8.6958e+01	-1.5371e+01
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	-3.5649e+02	-3.4417e+02	7.2193e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-2.1353e+02	-4.1168e+02	1.4445e+02
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-1.7243e+02	-2.0584e+02	9.9871e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-2.3254e+02	-1.8805e+02	3.3456e+01
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-6.1608e+02	-8.1880e+02	1.2420e+02
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-3.0300e+02	-8.9461e+02	1.9979e+02
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-2.6581e+02	-4.1948e+02	1.4638e+02
	316	0.0000e+00	0.0000e+00	0.0000e+00	-4.4224e+02	-3.9426e+02	7.2175e+01
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-9.8099e+02	-4.4527e+03	-8.8229e+02
	1088	0.0000e+00	0.0000e+00	0.0000e+00	8.7959e+02	-5.8077e+02	-1.3638e+03
	1153	0.0000e+00	0.0000e+00	0.0000e+00	1.6540e+02	-1.6668e+03	-1.2109e+02
	315	0.0000e+00	0.0000e+00	0.0000e+00	-1.0045e+03	-2.6263e+02	4.0775e+02
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	-1.9673e+02	2.3583e+02	1.1118e+02
	1152	0.0000e+00	0.0000e+00	0.0000e+00	1.5311e+02	-1.2313e+02	9.3430e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	2.9095e+02	6.7244e+02	1.9035e+02
	1143	0.0000e+00	0.0000e+00	0.0000e+00	-2.1497e+02	-4.1472e+01	2.7163e+02
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	-1.0896e+02	1.4200e+02	5.7208e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	8.2938e+01	-1.4785e+02	6.9329e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	1.3732e+02	4.7152e+02	7.8062e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	-1.9400e+02	1.5830e+02	7.0206e+01
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	7.9687e+01	3.2025e+01	5.6283e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	-5.8285e+01	-2.3740e+02	5.9417e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	7.5629e+01	3.2681e+02	6.0620e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	-1.2867e+02	8.9653e+01	5.3849e+01
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	6.6116e+01	-9.8642e+01	6.8178e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-5.3138e+01	-3.4149e+02	5.5543e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	5.1948e+01	1.9784e+02	5.3276e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	-1.0675e+02	-3.2390e+01	6.1857e+01
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	5.9940e+01	-2.1676e+02	7.8560e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-4.8131e+01	-4.4809e+02	5.3962e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	4.5480e+01	7.3731e+01	5.1602e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	-9.3745e+01	-1.4420e+02	7.3716e+01
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	5.9717e+01	-3.3541e+02	8.0035e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	4.6452e+01	-5.5088e+02	5.0754e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	4.4489e+01	-5.3774e+01	5.1890e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	-8.2677e+01	-2.6405e+02	8.0087e+01
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	6.3988e+01	-4.4784e+02	7.0443e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	5.1991e+01	-6.4398e+02	4.4689e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	5.0481e+01	-1.7517e+02	5.0544e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	-7.5133e+01	-3.8040e+02	7.6103e+01
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	7.2469e+01	-5.4339e+02	5.4575e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	6.1460e+01	-7.2286e+02	3.9921e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	5.8385e+01	-2.9230e+02	4.7011e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	-7.4196e+01	-4.8673e+02	6.2536e+01
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	1.0001e+02	-5.8885e+02	5.8959e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-8.6317e+01	-7.9069e+02	5.1891e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	6.5686e+01	-3.9065e+02	4.4438e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	-8.0701e+01	-5.7821e+02	5.3102e+01
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	-5.7934e+01	-4.6599e+02	1.7687e+02
	23	0.0000e+00	0.0000e+00	0.0000e+00	2.1075e+02	-8.8487e+02	1.4326e+02
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-9.5617e+01	-4.3922e+02	4.0347e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	1.0106e+02	-6.0977e+02	6.3512e+01
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	-1.5280e+02	6.8114e+01	3.7687e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	-1.6601e+02	1.5557e+02	1.0393e+02
	1143	0.0000e+00	0.0000e+00	0.0000e+00	-1.4000e+02	-6.4990e+01	1.3872e+02

	1132	0.0000e+00	0.0000e+00	0.0000e+00	-1.2379e+02	-4.9858e+01	7.1718e+01
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	-1.6726e+02	1.0818e+02	2.4637e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	-1.3017e+02	1.4303e+02	3.1799e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	-1.6544e+02	1.2248e+02	4.6106e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	-1.5229e+02	8.8619e+01	4.7640e+01
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	-1.3785e+02	3.8778e+01	3.5150e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	-1.0821e+02	4.8175e+01	3.6346e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	-1.3382e+02	6.6544e+01	3.1867e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	-1.4963e+02	8.7900e+01	2.8108e+01
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	-1.0966e+02	-8.5756e+01	5.2925e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	-9.1321e+01	-7.8551e+01	4.3406e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	-1.0917e+02	-4.3764e+01	3.5685e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	-1.2728e+02	-1.9554e+01	4.0130e+01
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	-8.8095e+01	-2.1524e+02	6.6242e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	-7.7612e+01	-2.0133e+02	5.1283e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	-9.1221e+01	-1.5529e+02	4.4155e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	-1.0428e+02	-1.1845e+02	5.7176e+01
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	-7.3456e+01	-3.4831e+02	6.7689e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	-6.8932e+01	-3.2508e+02	5.1355e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	-7.7442e+01	-2.7633e+02	5.1329e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	-8.5500e+01	-2.4996e+02	6.7157e+01
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	-6.6240e+01	-4.7094e+02	5.6637e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	6.7187e+01	-4.4021e+02	4.1408e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	-6.9487e+01	-3.9640e+02	4.9238e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	-7.2277e+01	-3.8189e+02	6.4535e+01
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	6.5188e+01	-5.5892e+02	4.1186e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	7.3487e+01	-5.3289e+02	2.8863e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	6.8850e+01	-5.0639e+02	3.7563e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	-6.5910e+01	-4.9957e+02	5.0091e+01
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	7.5802e+01	-5.6091e+02	4.1874e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	7.5460e+01	-5.7074e+02	3.9297e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	7.5613e+01	-5.8689e+02	3.1280e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	6.6946e+01	-5.7668e+02	3.4191e+01
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	-1.2626e+02	-4.0416e+02	5.6716e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	1.5606e+02	-4.2002e+02	1.0013e+02
	1134	0.0000e+00	0.0000e+00	0.0000e+00	8.3646e+01	-6.0016e+02	5.9197e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	7.2149e+01	-5.2622e+02	1.6644e+01
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	-1.2168e+02	5.9601e+01	-2.4486e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	-1.4034e+02	5.3369e+01	4.7873e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	-1.1046e+02	-4.8477e+01	4.4033e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	9.0112e+01	-4.8487e+01	-2.7337e+01
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	-1.5025e+02	1.1018e+02	1.3718e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	-1.5422e+02	9.3106e+01	3.4350e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	-1.4669e+02	9.0568e+01	2.6227e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	-1.3191e+02	8.6480e+01	7.9234e+00
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	-1.3915e+02	5.7368e+01	5.0182e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	-1.3919e+02	3.8570e+01	4.0032e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	-1.5608e+02	9.2335e+01	2.4801e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	-1.5130e+02	1.0270e+02	3.4192e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	-1.1153e+02	-6.3765e+01	7.9578e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	-1.1455e+02	-7.9572e+01	5.6058e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	-1.3646e+02	-2.0412e+01	4.0703e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	-1.3699e+02	2.8754e+01	6.3562e+01
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	-8.5070e+01	-2.0510e+02	9.3937e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	-9.0684e+01	-2.1143e+02	6.7983e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	-1.1050e+02	-1.1579e+02	5.9461e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	-1.1042e+02	-1.0302e+02	8.5190e+01
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	-6.4572e+01	-3.5316e+02	9.3600e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	-7.2575e+01	-3.4869e+02	6.8711e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	-8.7269e+01	-2.5065e+02	6.9576e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	-8.5195e+01	-2.4815e+02	9.4493e+01
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	-5.2141e+01	-4.8954e+02	7.9227e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	-6.2811e+01	-4.7511e+02	5.7205e+01

	1126	0.0000e+00	0.0000e+00	0.0000e+00	-7.0345e+01	-3.8628e+02	6.7281e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	-6.4847e+01	-3.9469e+02	8.9587e+01
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	4.6755e+01	-5.8321e+02	5.2390e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	6.2321e+01	-5.6523e+02	3.9506e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	6.2203e+01	-5.0473e+02	5.5004e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	-5.1644e+01	-5.2283e+02	6.8475e+01
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	-5.2726e+01	-5.7976e+02	1.8985e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	-5.7031e+01	-5.6816e+02	2.9229e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	6.2370e+01	-5.7226e+02	4.4801e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	4.6112e+01	-5.9661e+02	3.3245e+01
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	-1.1525e+02	-4.2070e+02	-3.5163e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	1.1991e+02	-3.9565e+02	1.9679e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	-6.2366e+01	-5.3552e+02	3.3882e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	-5.1016e+01	-5.4137e+02	-2.1452e+01
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	-1.1139e+02	1.2482e+02	-1.1219e+02
	1120	0.0000e+00	0.0000e+00	0.0000e+00	-1.1965e+02	6.6375e+01	-2.6844e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	-8.5808e+01	-4.0803e+01	-5.9194e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	5.8535e+01	-3.6576e+01	-1.4489e+02
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	-1.3571e+02	1.7453e+02	-9.5089e+00
	1119	0.0000e+00	0.0000e+00	0.0000e+00	-1.5493e+02	1.2268e+02	2.2060e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	-1.3378e+02	9.9756e+01	-3.3280e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	-1.2053e+02	1.5959e+02	-5.7940e+01
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	-1.1692e+02	9.6762e+01	7.6122e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	-1.4387e+02	6.9076e+01	5.8315e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	-1.5365e+02	1.1389e+02	2.1225e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	-1.4166e+02	1.6679e+02	3.8295e+01
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	-8.9917e+01	-4.3145e+01	1.1205e+02
	1117	0.0000e+00	0.0000e+00	0.0000e+00	-1.1318e+02	-5.5818e+01	8.2197e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	-1.3650e+02	3.5749e+01	6.3508e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	-1.1945e+02	6.0753e+01	9.3406e+01
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	-6.8028e+01	-1.9897e+02	1.2176e+02
	1116	0.0000e+00	0.0000e+00	0.0000e+00	-8.3866e+01	-2.0259e+02	9.3716e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	-1.0752e+02	-9.8705e+01	8.7826e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	-9.1414e+01	-8.9708e+01	1.1594e+02
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	-4.9832e+01	-3.6051e+02	1.1849e+02
	1115	0.0000e+00	0.0000e+00	0.0000e+00	-6.1150e+01	-3.5525e+02	9.2882e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	-8.0348e+01	-2.4770e+02	9.5792e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	-6.9748e+01	-2.4904e+02	1.2148e+02
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	-3.4088e+01	-5.1606e+02	1.0139e+02
	1114	0.0000e+00	0.0000e+00	0.0000e+00	-4.6566e+01	-4.9596e+02	7.7210e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	-5.7990e+01	-3.9921e+02	9.0747e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	-5.1472e+01	-4.0913e+02	1.1512e+02
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.5416e+01	-6.3759e+02	5.8939e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	4.2276e+01	-5.9435e+02	4.3308e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	4.4392e+01	-5.3288e+02	7.2802e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	-3.4489e+01	-5.5622e+02	8.9259e+01
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	-2.7517e+01	-6.6092e+02	-2.5807e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	-3.2827e+01	-5.9635e+02	-1.7537e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	4.1408e+01	-6.0951e+02	4.1639e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	-2.3337e+01	-6.5426e+02	2.8531e+01
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	-8.9287e+01	-4.9760e+02	-1.3181e+02
	1111	0.0000e+00	0.0000e+00	0.0000e+00	-1.1160e+02	-4.3686e+02	-7.1531e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	-3.7556e+01	-5.6225e+02	-1.3881e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	-2.8219e+01	-6.2941e+02	-7.3093e+01
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.3034e+02	3.0542e+02	-2.2272e+02
	1109	0.0000e+00	0.0000e+00	0.0000e+00	-1.2269e+02	1.5516e+02	-1.0214e+02
	1110	0.0000e+00	0.0000e+00	0.0000e+00	-7.2551e+01	-3.5770e+01	-1.9589e+02
	1099	0.0000e+00	0.0000e+00	0.0000e+00	3.8460e+01	7.6252e+01	-3.1643e+02
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	-9.7700e+01	2.9455e+02	2.5198e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	-1.5952e+02	2.1924e+02	1.5980e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	-1.3997e+02	1.9021e+02	-1.0099e+02
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.3686e+02	3.6288e+02	-9.1650e+01
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	-5.2390e+01	1.4412e+02	1.2478e+02

	1107	0.0000e+00	0.0000e+00	0.0000e+00	-1.2332e+02	1.2137e+02	8.3216e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	-1.4128e+02	1.8644e+02	3.2527e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.0772e+02	2.7441e+02	7.3423e+01
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	-4.0452e+01	-3.1143e+01	1.3825e+02
	1106	0.0000e+00	0.0000e+00	0.0000e+00	-8.3897e+01	-3.7462e+01	1.1002e+02
	1107	0.0000e+00	0.0000e+00	0.0000e+00	-1.0845e+02	7.2891e+01	1.0006e+02
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-6.1236e+01	8.7332e+01	1.2827e+02
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	-4.0106e+01	-1.9809e+02	1.3420e+02
	1105	0.0000e+00	0.0000e+00	0.0000e+00	-6.1481e+01	-2.0164e+02	1.1764e+02
	1106	0.0000e+00	0.0000e+00	0.0000e+00	-8.1036e+01	-8.1784e+01	1.1868e+02
	1095	0.0000e+00	0.0000e+00	0.0000e+00	-4.7062e+01	-8.7542e+01	1.3525e+02
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	-3.9981e+01	-3.6568e+02	1.2978e+02
	1104	0.0000e+00	0.0000e+00	0.0000e+00	-4.5904e+01	-3.6693e+02	1.1606e+02
	1105	0.0000e+00	0.0000e+00	0.0000e+00	-6.2657e+01	-2.4465e+02	1.1945e+02
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-4.6919e+01	-2.5321e+02	1.3316e+02
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	-3.1774e+01	-5.3892e+02	1.2002e+02
	1103	0.0000e+00	0.0000e+00	0.0000e+00	-2.9758e+01	-5.2627e+02	1.0140e+02
	1104	0.0000e+00	0.0000e+00	0.0000e+00	-4.5118e+01	-4.1091e+02	1.1182e+02
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-4.7700e+01	-4.2085e+02	1.3041e+02
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	-9.2874e+00	-7.1309e+02	7.9722e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.1886e+01	-6.5459e+02	5.3888e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	-2.5071e+01	-5.7108e+02	9.0419e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-4.0972e+01	-5.9247e+02	1.1647e+02
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.5853e+01	-8.2154e+02	-3.9083e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.6284e+01	-6.8885e+02	-5.0526e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	2.8224e+01	-6.8829e+02	3.8614e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	-1.9352e+01	-7.4565e+02	4.9027e+01
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	-7.8606e+01	-6.5984e+02	-2.4446e+02
	1100	0.0000e+00	0.0000e+00	0.0000e+00	-9.8030e+01	-5.4055e+02	-1.7899e+02
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.7581e+01	-6.6354e+02	-5.8258e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	-1.3336e+01	-8.0730e+02	-1.2364e+02
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	-1.4868e+02	1.0008e+03	-3.1629e+02
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-2.2517e+02	4.1966e+02	-1.2020e+02
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-1.4353e+02	1.4644e+02	-4.1299e+02
	1088	0.0000e+00	0.0000e+00	0.0000e+00	1.5469e+02	2.0208e+02	-6.0937e+02
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	1.0194e+02	4.7823e+02	1.9974e+02
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.6742e+02	3.8986e+02	5.3649e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.4259e+02	4.0113e+02	-1.1245e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-1.9776e+02	6.6900e+02	3.5428e+01
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	8.6939e+01	1.5828e+02	1.5265e+02
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-3.4510e+01	1.5899e+02	1.1249e+02
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-9.2366e+01	2.9891e+02	1.1472e+02
	1086	0.0000e+00	0.0000e+00	0.0000e+00	7.6050e+01	2.9429e+02	1.5451e+02
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	4.8452e+01	-4.0332e+01	1.2066e+02
	1095	0.0000e+00	0.0000e+00	0.0000e+00	-2.2110e+01	-3.9009e+01	1.2284e+02
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-2.9887e+01	1.0428e+02	1.3842e+02
	1085	0.0000e+00	0.0000e+00	0.0000e+00	6.7917e+01	7.1518e+01	1.3625e+02
1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	1.6017e+01	-2.0419e+02	1.0670e+02
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-2.9309e+01	-2.0856e+02	1.2026e+02
	1095	0.0000e+00	0.0000e+00	0.0000e+00	-2.9928e+01	-7.5950e+01	1.2906e+02
	1084	0.0000e+00	0.0000e+00	0.0000e+00	3.0491e+01	-9.9361e+01	1.1554e+02
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	-4.4743e+01	-3.6498e+02	1.0691e+02
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-3.9645e+01	-3.7605e+02	1.1989e+02
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-4.0700e+01	-2.4377e+02	1.2034e+02
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-2.4562e+01	-2.5595e+02	1.0726e+02
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	-7.7374e+01	-5.3933e+02	1.1528e+02
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-4.2003e+01	-5.5196e+02	1.1918e+02
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-5.0494e+01	-4.1451e+02	1.1557e+02
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-6.3039e+01	-4.1969e+02	1.1144e+02
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	-8.6990e+01	-7.4642e+02	1.1598e+02
	1091	0.0000e+00	0.0000e+00	0.0000e+00	-1.6650e+01	-7.3358e+02	9.5090e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-4.2625e+01	-5.9997e+02	1.0390e+02
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-9.6325e+01	-6.0679e+02	1.2451e+02

1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	3.1925e+01	-1.0290e+03	3.2844e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	3.3289e+01	-8.5784e+02	-4.5680e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	2.2706e+01	-7.9955e+02	5.7481e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.1084e+02	-8.5031e+02	1.3118e+02
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	-1.0365e+02	-1.0080e+03	-3.7468e+02
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-4.4911e+01	-7.4371e+02	-3.2458e+02
	1090	0.0000e+00	0.0000e+00	0.0000e+00	8.3153e+01	-8.8859e+02	-7.0712e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-3.9728e+01	-1.1790e+03	-1.2107e+02
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	1.1029e+03	3.9807e+02	3.5883e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-2.4494e+02	1.5323e+03	-1.3313e+02
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-8.3218e+02	5.0617e+02	-1.3916e+03
	13	0.0000e+00	0.0000e+00	0.0000e+00	1.0819e+03	4.3847e+03	-9.5830e+02
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	4.3759e+02	3.2694e+02	7.0141e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	2.6936e+02	3.8586e+02	1.2728e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	2.1936e+02	8.5263e+02	1.8239e+02
	215	0.0000e+00	0.0000e+00	0.0000e+00	6.8500e+02	7.9711e+02	1.1915e+02
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	2.3681e+02	1.0443e+02	4.4624e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	1.7179e+02	1.0807e+02	1.1531e+02
	1086	0.0000e+00	0.0000e+00	0.0000e+00	2.1473e+02	3.5460e+02	1.4538e+02
	214	0.0000e+00	0.0000e+00	0.0000e+00	3.5156e+02	2.9851e+02	7.3839e+01
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	1.1335e+02	-6.5945e+01	3.2767e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	8.5569e+01	-6.4960e+01	9.2245e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	1.2809e+02	9.4805e+01	1.0706e+02
	213	0.0000e+00	0.0000e+00	0.0000e+00	1.8531e+02	6.8105e+01	4.9261e+01
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	2.7472e+01	-2.1239e+02	3.3278e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	2.1643e+01	-2.1718e+02	8.1412e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	5.2108e+01	-8.7301e+01	8.5618e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	7.7634e+01	-1.0178e+02	3.8295e+01
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	-5.3295e+01	-3.6296e+02	4.2650e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-4.9060e+01	-3.7423e+02	8.3093e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-2.2746e+01	-2.4500e+02	7.9102e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	-1.5946e+01	-2.4901e+02	3.8026e+01
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.2657e+02	-5.3343e+02	5.8067e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-1.0294e+02	-5.5221e+02	9.4769e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-7.6283e+01	-4.0512e+02	8.4008e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	-8.2562e+01	-4.0323e+02	4.6302e+01
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	-2.1080e+02	-7.5129e+02	7.7549e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.4947e+02	-7.7697e+02	1.1040e+02
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-1.3090e+02	-5.8459e+02	9.4986e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.6095e+02	-5.8042e+02	6.1304e+01
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	-3.3567e+02	-1.1167e+03	9.5634e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.2272e+02	-1.1144e+03	1.0183e+02
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-1.7186e+02	-8.2580e+02	8.9871e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	-2.5710e+02	-8.0248e+02	8.2767e+01
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-2.5437e+02	-2.7917e+03	-3.6352e+02
	1078	0.0000e+00	0.0000e+00	0.0000e+00	2.5601e+02	-1.1765e+03	-6.3102e+02
	1079	0.0000e+00	0.0000e+00	0.0000e+00	7.2778e+01	-1.4206e+03	-6.8217e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	-5.0191e+02	-1.0489e+03	2.2428e+02
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	-3.1008e+02	1.5182e+03	1.5450e+02
	1077	0.0000e+00	0.0000e+00	0.0000e+00	1.0341e+03	3.9746e+02	-3.3108e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	9.0336e+02	4.3763e+03	9.8645e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	-8.6818e+02	4.4104e+02	1.4452e+03
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	2.1518e+02	3.8882e+02	-1.1211e+02
	1076	0.0000e+00	0.0000e+00	0.0000e+00	3.5870e+02	3.3534e+02	-4.0924e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	6.1831e+02	7.9627e+02	-8.3805e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	1.7267e+02	8.4586e+02	-1.6001e+02
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	1.0454e+02	1.0142e+02	-1.1836e+02
	1075	0.0000e+00	0.0000e+00	0.0000e+00	1.3246e+02	1.1316e+02	-2.2018e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	2.6788e+02	3.0808e+02	-4.3164e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	1.5795e+02	3.6069e+02	-1.3737e+02
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	-4.2702e+01	-1.0686e+02	-1.2027e+02
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-5.7079e+01	-7.6529e+01	-2.3925e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	6.8977e+01	7.3971e+01	-2.3076e+01



	1069	0.0000e+00	0.0000e+00	0.0000e+00	5.7006e+01	9.9058e+01	-1.1794e+02
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	-1.2947e+02	-3.6858e+02	-1.4347e+02
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-2.5046e+02	-3.0819e+02	-4.8153e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-1.1870e+02	-1.1764e+02	-2.2607e+01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-8.3422e+01	-1.0974e+02	-1.1946e+02
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	-1.1161e+02	-8.4807e+02	-1.6734e+02
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-5.9937e+02	-7.9139e+02	-9.5900e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-3.3808e+02	-3.4214e+02	-4.2782e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-1.7975e+02	-4.0301e+02	-1.1314e+02
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	8.7719e+02	-3.9735e+02	1.4581e+03
	19	0.0000e+00	0.0000e+00	0.0000e+00	-6.7830e+02	-4.3293e+03	9.4771e+02
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-9.9918e+02	-4.3437e+02	-3.7278e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	3.5884e+02	-1.5150e+03	1.5033e+02
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	-2.2240e+02	3.8231e+02	1.4445e+02
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-2.0447e+02	9.7437e+02	3.4965e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	1.4487e+02	1.4803e+02	6.3911e+02
	644	0.0000e+00	0.0000e+00	0.0000e+00	-1.4589e+02	1.0650e+02	4.3344e+02
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	-1.7647e+02	3.6708e+02	-4.5246e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	8.4376e+01	4.7778e+02	-1.8981e+02
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-2.4648e+02	6.6007e+02	-1.6013e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-1.5340e+02	3.7420e+02	1.3953e+02
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	-5.1371e+01	1.3317e+02	-1.2205e+02
	1069	0.0000e+00	0.0000e+00	0.0000e+00	6.1100e+01	1.5692e+02	-1.6404e+02
	1070	0.0000e+00	0.0000e+00	0.0000e+00	6.6622e+01	2.8988e+02	-1.4804e+02
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-1.0328e+02	2.7871e+02	-1.0633e+02
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	5.1506e+01	-8.5442e+01	-1.4236e+02
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-4.0793e+01	-6.3668e+01	-1.5427e+02
	1069	0.0000e+00	0.0000e+00	0.0000e+00	4.7612e+01	5.5376e+01	-1.5433e+02
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-4.3905e+01	7.7040e+01	-1.4243e+02
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	1.2184e+02	-2.8424e+02	-1.0323e+02
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-4.8319e+01	-2.9885e+02	-1.4837e+02
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-4.4959e+01	-1.6526e+02	-1.6581e+02
	1062	0.0000e+00	0.0000e+00	0.0000e+00	6.2293e+01	-1.4184e+02	-1.2061e+02
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	1.7394e+02	-3.7023e+02	1.4745e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	2.7516e+02	-6.6843e+02	-9.5535e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-5.7198e+01	-4.8454e+02	-1.8952e+02
	1061	0.0000e+00	0.0000e+00	0.0000e+00	1.9859e+02	-3.7341e+02	-4.1140e+01
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	1.6166e+02	-8.5308e+01	4.3464e+02
	548	0.0000e+00	0.0000e+00	0.0000e+00	-1.0049e+02	-1.2061e+02	6.4235e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	2.3433e+02	-9.5762e+02	3.5807e+02
	1060	0.0000e+00	0.0000e+00	0.0000e+00	2.4053e+02	-3.7165e+02	1.5045e+02
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	-6.1329e+01	1.1612e+02	1.3130e+02
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-1.2015e+02	2.7484e+02	2.4667e+02
	644	0.0000e+00	0.0000e+00	0.0000e+00	6.5017e+01	4.3173e+01	3.3754e+02
	633	0.0000e+00	0.0000e+00	0.0000e+00	-2.4564e+01	-2.7292e+01	2.2211e+02
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	-9.5343e+01	1.7890e+02	1.2183e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-8.5649e+01	2.7047e+02	-1.7584e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-1.2034e+02	3.3211e+02	1.1610e+02
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-8.2440e+01	1.5156e+02	1.3043e+02
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	-5.1136e+01	9.0778e+01	-7.2004e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-4.1143e+01	1.2002e+02	-1.2461e+02
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-9.0959e+01	2.4889e+02	-6.5143e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-7.4150e+01	1.4640e+02	-1.6791e+01
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	4.0780e+01	-4.5905e+01	-7.9701e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	5.3107e+01	-6.7159e+01	-1.3136e+02
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-4.2641e+01	5.9264e+01	-1.3251e+02
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-3.2704e+01	4.0060e+01	-8.1001e+01
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	8.7625e+01	-1.4942e+02	-8.4069e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	1.0774e+02	-2.5490e+02	-6.0711e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	4.7901e+01	-1.2732e+02	-1.2302e+02
	1056	0.0000e+00	0.0000e+00	0.0000e+00	6.4184e+01	-9.6265e+01	-7.0299e+01
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	9.3815e+01	-1.4878e+02	1.3363e+02
	1060	0.0000e+00	0.0000e+00	0.0000e+00	1.3625e+02	-3.2923e+02	1.2128e+02

	1061	0.0000e+00	0.0000e+00	0.0000e+00	1.0166e+02	-2.7405e+02	-8.2666e+00
	1055	0.0000e+00	0.0000e+00	0.0000e+00	1.0873e+02	-1.8037e+02	8.2012e+00
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	2.4960e+01	2.6019e+01	2.2108e+02
	537	0.0000e+00	0.0000e+00	0.0000e+00	-4.5192e+01	-2.5972e+01	3.3896e+02
	1060	0.0000e+00	0.0000e+00	0.0000e+00	1.3633e+02	-2.6678e+02	2.5149e+02
	1054	0.0000e+00	0.0000e+00	0.0000e+00	7.0387e+01	-1.1006e+02	1.3353e+02
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	1.4188e+01	2.0925e+01	7.4539e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-3.8861e+01	9.0390e+01	1.4326e+02
	633	0.0000e+00	0.0000e+00	0.0000e+00	6.0756e+01	-4.6442e+01	1.7626e+02
	622	0.0000e+00	0.0000e+00	0.0000e+00	4.4859e+01	-4.5604e+01	1.0744e+02
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	-3.5588e+01	6.9347e+01	1.5293e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-5.2498e+01	1.3329e+02	3.0755e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-4.1426e+01	1.1858e+02	9.1244e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-1.9484e+01	4.7064e+01	7.4813e+01
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	-2.6253e+01	4.3321e+01	-3.2325e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-2.9316e+01	6.5671e+01	-5.5700e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-5.6058e+01	1.2774e+02	-1.8411e+01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-3.1478e+01	6.1460e+01	1.3784e+01
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	2.1310e+01	-1.9411e+01	-3.2928e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	3.9852e+01	-4.5081e+01	-6.8308e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-3.0604e+01	3.9791e+01	-6.9403e+01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.7296e+01	1.5800e+01	-3.4382e+01
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	3.9014e+01	-6.3592e+01	1.0946e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	6.7141e+01	-1.3079e+02	-1.1906e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	3.7028e+01	-7.0548e+01	-5.3512e+01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	3.4078e+01	-4.6512e+01	-3.1066e+01
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	2.3427e+01	-4.6301e+01	7.5108e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	4.9284e+01	-1.1643e+02	9.3219e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	6.3020e+01	-1.3494e+02	3.1454e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	4.2698e+01	-7.0300e+01	1.3375e+01
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	-3.8252e+01	4.6313e+01	1.0517e+02
	526	0.0000e+00	0.0000e+00	0.0000e+00	-5.0215e+01	4.8989e+01	1.7539e+02
	1054	0.0000e+00	0.0000e+00	0.0000e+00	4.5930e+01	-8.6344e+01	1.4453e+02
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-9.8240e+00	-1.7733e+01	7.4234e+01
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	3.4622e+01	-1.8699e+01	2.8200e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	2.0216e+01	1.3078e+01	7.2237e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	6.8402e+01	-5.6009e+01	8.5862e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	6.4077e+01	-5.6669e+01	4.1469e+01
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	-9.8757e+00	1.9583e+01	8.4698e+00
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.6208e+01	4.9622e+01	2.4345e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	1.5510e+01	3.0668e+01	5.0525e+01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	2.2665e+01	-3.7723e+00	2.9660e+01
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.0639e+01	1.6759e+01	-1.8303e+01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.3926e+01	2.7520e+01	-2.1932e+01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-1.9025e+01	5.2581e+01	9.6516e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-9.8318e+00	2.0564e+01	9.4455e+00
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	-9.8701e+00	-7.9181e+00	-1.6603e+01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	1.9676e+01	-2.2641e+01	-2.9513e+01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-1.4743e+01	1.9269e+01	-3.0432e+01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-9.4747e+00	5.4646e+00	-1.7913e+01
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	1.0125e+01	-2.2709e+01	4.7527e+00
	1049	0.0000e+00	0.0000e+00	0.0000e+00	2.4263e+01	-5.4721e+01	2.1954e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	1.7235e+01	-3.0781e+01	-2.0054e+01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.2870e+01	-1.8997e+01	-1.7343e+01
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.8905e+01	-2.7100e+00	2.8244e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-9.8801e+00	-3.0351e+01	5.0106e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	2.0131e+01	-5.1317e+01	2.3562e+01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-9.0491e+00	-2.1148e+01	3.9769e+00
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	-6.1285e+01	5.4759e+01	3.8625e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-6.3000e+01	5.6109e+01	8.3503e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-1.3407e+01	-1.1212e+01	7.1374e+01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-3.1428e+01	1.6818e+01	2.6446e+01
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	4.1273e+01	-2.9956e+01	-1.4963e+01

	1047	0.0000e+00	0.0000e+00	0.0000e+00	3.8472e+01	-2.1056e+01	2.2608e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	7.1981e+01	-6.1658e+01	2.7630e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	6.9694e+01	-6.4823e+01	-8.8117e+00
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	1.9059e+01	4.4743e+00	-1.9348e+01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.3948e+01	1.2260e+01	9.2855e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	3.0799e+01	-6.8044e+00	1.4007e+01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	3.3327e+01	-1.4421e+01	-1.2712e+01
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	-1.6036e+01	7.8914e+00	-1.8665e+01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.0251e+01	1.0181e+01	-1.4461e+01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	1.1269e+01	1.7025e+01	-1.1549e+01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	1.7015e+01	8.9529e+00	-1.5010e+01
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	-1.5406e+01	-6.1168e+00	-1.5382e+01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	1.0539e+01	-9.8423e+00	-1.7689e+01
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.0090e+01	7.3557e+00	-1.8693e+01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-1.5777e+01	4.6910e+00	-1.6468e+01
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	-1.6178e+01	-1.1362e+01	-1.2274e+01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-9.7424e+00	-1.9313e+01	-7.9056e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-9.7844e+00	-1.2748e+01	-1.3203e+01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-1.5402e+01	-9.5870e+00	-1.7638e+01
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	-3.3190e+01	1.0536e+01	-1.1508e+01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-2.8169e+01	3.9710e+00	1.1491e+01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.1387e+01	-1.4733e+01	5.6378e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-1.8404e+01	-6.7328e+00	-1.7878e+01
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	-7.0066e+01	5.9941e+01	-1.3089e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-6.9946e+01	5.8931e+01	2.4815e+01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-3.5759e+01	1.8361e+01	2.0631e+01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-4.1493e+01	2.5931e+01	-1.6038e+01
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	3.6764e+01	-2.4709e+01	-5.5123e+01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	4.1421e+01	-3.0994e+01	-2.0548e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	6.7367e+01	-6.7209e+01	-1.9906e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	6.5750e+01	-7.3567e+01	-5.4907e+01
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	2.9764e+01	1.4059e+01	-3.7820e+01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.0782e+01	4.4788e+00	-1.8432e+01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	3.2903e+01	-1.5270e+01	-2.6019e+01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	3.3250e+01	-6.9538e+00	-4.5821e+01
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	-2.9769e+01	1.3141e+01	-1.9746e+01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-1.9699e+01	8.4082e+00	-1.6399e+01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	2.0159e+01	8.5935e+00	-2.3480e+01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-2.9507e+01	1.9593e+01	-2.6854e+01
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	2.7988e+01	-1.0721e+01	-1.3919e+01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-1.9222e+01	-6.0935e+00	-1.7093e+01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-1.9665e+01	4.4282e+00	-1.8397e+01
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-2.9835e+01	1.0235e+01	-1.5273e+01
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	-2.6209e+01	-2.2138e+01	-2.4243e+01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-1.9287e+01	-1.1293e+01	-2.1286e+01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-1.8722e+01	-1.0409e+01	-1.5455e+01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-2.8000e+01	-1.4158e+01	-1.8128e+01
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	-3.3963e+01	3.1400e+00	-4.4911e+01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-3.3436e+01	1.0855e+01	-2.5762e+01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-2.0136e+01	-8.0128e+00	-1.6868e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-2.7014e+01	-1.7527e+01	-3.5902e+01
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	-6.9450e+01	6.4864e+01	-5.8216e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-6.8437e+01	6.1289e+01	-2.4165e+01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-4.2049e+01	2.5768e+01	-2.1560e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-3.8117e+01	1.7933e+01	-5.5875e+01
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	-5.1108e+01	8.1517e+00	-1.0121e+02
	1035	0.0000e+00	0.0000e+00	0.0000e+00	3.6105e+01	-2.3009e+01	-5.8805e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	5.3342e+01	-7.3804e+01	-6.9277e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	6.0310e+01	-7.6139e+01	-1.1180e+02
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	-5.4237e+01	4.8342e+01	-4.7623e+01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-3.6525e+01	2.3059e+01	-3.3963e+01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	3.3803e+01	-3.3628e+00	-6.2428e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-4.9723e+01	3.5674e+01	-7.6195e+01

1573 1027 0.0000e+00 0.0000e+00 0.0000e+00 -4.7801e+01 2.8403e+01 -1.0317e+01  
1033 0.0000e+00 0.0000e+00 0.0000e+00 -3.7212e+01 1.9703e+01 -1.6015e+01  
1034 0.0000e+00 0.0000e+00 0.0000e+00 -3.6925e+01 2.2508e+01 -3.4535e+01  
1028 0.0000e+00 0.0000e+00 0.0000e+00 -5.4408e+01 5.4916e+01 -2.8527e+01

1574 1026 0.0000e+00 0.0000e+00 0.0000e+00 4.3105e+01 -2.0366e+01 -3.5320e+00  
1032 0.0000e+00 0.0000e+00 0.0000e+00 3.3256e+01 -1.0169e+01 -1.3814e+01  
1033 0.0000e+00 0.0000e+00 0.0000e+00 -3.5132e+01 9.3616e+00 -1.5503e+01  
1027 0.0000e+00 0.0000e+00 0.0000e+00 -4.7955e+01 2.1168e+01 -6.0977e+00

1575 1025 0.0000e+00 0.0000e+00 0.0000e+00 4.1932e+01 -5.6486e+01 -2.5448e+01  
1031 0.0000e+00 0.0000e+00 0.0000e+00 3.0710e+01 -2.5538e+01 -3.1632e+01  
1032 0.0000e+00 0.0000e+00 0.0000e+00 3.2468e+01 -2.0749e+01 -1.4648e+01  
1026 0.0000e+00 0.0000e+00 0.0000e+00 4.2989e+01 -2.8309e+01 -8.2831e+00

1576 1024 0.0000e+00 0.0000e+00 0.0000e+00 3.8040e+01 -4.4032e+01 -7.3442e+01  
1030 0.0000e+00 0.0000e+00 0.0000e+00 -3.0516e+01 -6.3443e+00 -6.1092e+01  
1031 0.0000e+00 0.0000e+00 0.0000e+00 2.9583e+01 -2.7405e+01 -3.2176e+01  
1025 0.0000e+00 0.0000e+00 0.0000e+00 4.1523e+01 -5.1796e+01 -4.4505e+01

1577 471 0.0000e+00 0.0000e+00 0.0000e+00 -6.4293e+01 6.1775e+01 -1.1378e+02  
482 0.0000e+00 0.0000e+00 0.0000e+00 -5.6481e+01 6.3503e+01 -7.2836e+01  
1030 0.0000e+00 0.0000e+00 0.0000e+00 -3.6199e+01 1.4936e+01 -5.8977e+01  
1024 0.0000e+00 0.0000e+00 0.0000e+00 3.8534e+01 -1.6315e+01 -1.0004e+02

1578 1022 0.0000e+00 0.0000e+00 0.0000e+00 -1.0848e+02 1.2690e+02 -1.4182e+02  
1029 0.0000e+00 0.0000e+00 0.0000e+00 -6.4014e+01 2.3411e+01 -8.9101e+01  
578 0.0000e+00 0.0000e+00 0.0000e+00 5.3486e+01 -7.5459e+01 -1.2941e+02  
558 0.0000e+00 0.0000e+00 0.0000e+00 8.6309e+01 -9.2244e+01 -1.8229e+02

1579 1020 0.0000e+00 0.0000e+00 0.0000e+00 -7.5045e+01 1.3501e+02 -2.1793e+01  
1028 0.0000e+00 0.0000e+00 0.0000e+00 -7.7381e+01 7.4728e+01 -3.4285e+01  
1029 0.0000e+00 0.0000e+00 0.0000e+00 -6.8235e+01 4.5078e+01 -9.0199e+01  
1022 0.0000e+00 0.0000e+00 0.0000e+00 -1.0056e+02 1.0622e+02 -7.7698e+01

1580 1018 0.0000e+00 0.0000e+00 0.0000e+00 6.1484e+01 6.9805e+01 1.1071e+01  
1027 0.0000e+00 0.0000e+00 0.0000e+00 -5.9183e+01 3.8730e+01 -5.4308e+00  
1028 0.0000e+00 0.0000e+00 0.0000e+00 -6.4061e+01 6.1385e+01 -2.3975e+01  
1020 0.0000e+00 0.0000e+00 0.0000e+00 -7.4989e+01 7.3751e+01 -9.9373e+00

1581 1016 0.0000e+00 0.0000e+00 0.0000e+00 5.6618e+01 -1.2135e+01 1.2368e+01  
1026 0.0000e+00 0.0000e+00 0.0000e+00 4.8936e+01 -2.1636e+01 3.2896e+00  
1027 0.0000e+00 0.0000e+00 0.0000e+00 -5.2505e+01 2.1917e+01 4.4045e+00  
1018 0.0000e+00 0.0000e+00 0.0000e+00 -6.1815e+01 1.3181e+01 1.2140e+01

1582 1014 0.0000e+00 0.0000e+00 0.0000e+00 5.7788e+01 -7.2998e+01 -9.4920e+00  
1025 0.0000e+00 0.0000e+00 0.0000e+00 4.8086e+01 -6.3855e+01 -2.1136e+01  
1026 0.0000e+00 0.0000e+00 0.0000e+00 4.8389e+01 -3.8016e+01 -3.1836e+00  
1016 0.0000e+00 0.0000e+00 0.0000e+00 -5.8254e+01 -6.9444e+01 9.6674e+00

1583 1012 0.0000e+00 0.0000e+00 0.0000e+00 6.6682e+01 -1.0931e+02 -7.4917e+01  
1024 0.0000e+00 0.0000e+00 0.0000e+00 4.7371e+01 -5.4757e+01 -8.5598e+01  
1025 0.0000e+00 0.0000e+00 0.0000e+00 5.5560e+01 -7.7432e+01 -3.2315e+01  
1014 0.0000e+00 0.0000e+00 0.0000e+00 5.9438e+01 -1.3846e+02 -2.1643e+01

1584 460 0.0000e+00 0.0000e+00 0.0000e+00 -7.3110e+01 7.0973e+01 -1.8287e+02  
471 0.0000e+00 0.0000e+00 0.0000e+00 -4.2093e+01 5.8127e+01 -1.3145e+02  
1024 0.0000e+00 0.0000e+00 0.0000e+00 4.3949e+01 -3.5982e+01 -8.7026e+01  
1012 0.0000e+00 0.0000e+00 0.0000e+00 7.0662e+01 -1.4432e+02 -1.3851e+02

1585 1023 0.0000e+00 0.0000e+00 0.0000e+00 1.4998e+02 -6.5731e+01 -5.8412e+01  
1022 0.0000e+00 0.0000e+00 0.0000e+00 -1.5948e+02 2.1084e+02 -1.3088e+02  
558 0.0000e+00 0.0000e+00 0.0000e+00 -1.5386e+02 -7.7946e+01 -3.0946e+02  
9 0.0000e+00 0.0000e+00 0.0000e+00 2.6689e+02 5.7879e+02 -2.0663e+02

1586 1021 0.0000e+00 0.0000e+00 0.0000e+00 9.3518e+01 -6.7382e+01 -3.8167e+01  
1020 0.0000e+00 0.0000e+00 0.0000e+00 8.3972e+01 1.4368e+02 -5.2706e+01  
1022 0.0000e+00 0.0000e+00 0.0000e+00 -1.4131e+02 1.4584e+02 -8.0599e+01  
1023 0.0000e+00 0.0000e+00 0.0000e+00 1.4229e+02 4.1408e+02 -6.2964e+01

1587 1019 0.0000e+00 0.0000e+00 0.0000e+00 6.3225e+01 -1.3409e+02 -2.4179e+01  
1018 0.0000e+00 0.0000e+00 0.0000e+00 6.5917e+01 5.5617e+01 -2.3104e+01  
1020 0.0000e+00 0.0000e+00 0.0000e+00 -8.2956e+01 1.0391e+02 -3.0387e+01  
1021 0.0000e+00 0.0000e+00 0.0000e+00 8.9083e+01 3.0521e+02 -3.2475e+01

1588 1017 0.0000e+00 0.0000e+00 0.0000e+00 -6.9871e+01 -2.1855e+02 -2.1948e+01  
1016 0.0000e+00 0.0000e+00 0.0000e+00 5.8311e+01 -2.9040e+01 -1.9423e+01  
1018 0.0000e+00 0.0000e+00 0.0000e+00 -7.1238e+01 2.9045e+01 -1.8370e+01

	1019	0.0000e+00	0.0000e+00	0.0000e+00	6.0516e+01	2.1488e+02	-2.1641e+01
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	-1.0779e+02	-3.1448e+02	-3.5315e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	6.1530e+01	-1.0539e+02	-3.4014e+01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-7.4841e+01	-5.4928e+01	-2.4061e+01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-6.9661e+01	1.3448e+02	-2.4934e+01
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	-1.6761e+02	-4.3212e+02	-7.2139e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	9.1502e+01	-1.5443e+02	-8.5262e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-8.0179e+01	-1.4249e+02	-5.4874e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-1.0997e+02	7.0789e+01	-4.2038e+01
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	-2.0325e+02	-6.1756e+02	-2.2172e+02
	460	0.0000e+00	0.0000e+00	0.0000e+00	1.2291e+02	4.9912e+01	-3.0422e+02
	1012	0.0000e+00	0.0000e+00	0.0000e+00	1.0167e+02	-2.2333e+02	-1.3620e+02
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-1.7319e+02	7.2494e+01	-6.3100e+01
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	-3.5940e+02	1.5149e+03	1.5024e+02
	1011	0.0000e+00	0.0000e+00	0.0000e+00	9.9877e+02	4.3449e+02	-3.7303e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	6.7776e+02	4.3292e+03	9.4754e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	-8.7764e+02	3.9727e+02	1.4581e+03
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	1.7909e+02	4.0302e+02	-1.1322e+02
	1010	0.0000e+00	0.0000e+00	0.0000e+00	3.3765e+02	3.4212e+02	-4.2845e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	5.9899e+02	7.9134e+02	-9.6012e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	1.1108e+02	8.4806e+02	-1.6745e+02
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	8.2689e+01	1.0974e+02	-1.1952e+02
	1009	0.0000e+00	0.0000e+00	0.0000e+00	1.1821e+02	1.1760e+02	-2.2650e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	2.5002e+02	3.0814e+02	-4.8221e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	1.2879e+02	3.6858e+02	-1.4356e+02
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	-5.7035e+01	-9.9064e+01	-1.1799e+02
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-6.9227e+01	-7.4007e+01	-2.3122e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	5.6539e+01	7.6492e+01	-2.3983e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	4.1973e+01	1.0686e+02	-1.2034e+02
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	-1.5832e+02	-3.6066e+02	-1.3738e+02
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-2.6826e+02	-3.0810e+02	-4.3189e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-1.3280e+02	-1.1318e+02	-2.2089e+01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-1.0484e+02	-1.0142e+02	-1.1840e+02
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	-1.7281e+02	-8.4579e+02	-1.5998e+02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-6.1869e+02	-7.9626e+02	-8.3785e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-3.5909e+02	-3.3532e+02	-4.0981e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-2.1559e+02	-3.8876e+02	-1.1212e+02
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	8.6764e+02	-4.4111e+02	1.4452e+03
	14	0.0000e+00	0.0000e+00	0.0000e+00	-9.0434e+02	-4.3763e+03	9.8656e+02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-1.0346e+03	-3.9734e+02	-3.3098e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	3.0927e+02	-1.5181e+03	1.5451e+02
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	-2.4115e+02	3.7161e+02	1.5037e+02
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-2.3481e+02	9.5755e+02	3.5801e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	9.9760e+01	1.2056e+02	6.4227e+02
	410	0.0000e+00	0.0000e+00	0.0000e+00	-1.6220e+02	8.5272e+01	4.3453e+02
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	-1.9918e+02	3.7342e+02	-4.1253e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	5.6434e+01	4.8452e+02	-1.8960e+02
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-2.7567e+02	6.6843e+02	-9.7451e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	-1.7449e+02	3.7020e+02	1.4738e+02
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	-6.2331e+01	1.4186e+02	-1.2069e+02
	1003	0.0000e+00	0.0000e+00	0.0000e+00	4.4155e+01	1.6525e+02	-1.6588e+02
	1004	0.0000e+00	0.0000e+00	0.0000e+00	4.7728e+01	2.9884e+02	-1.4846e+02
	998	0.0000e+00	0.0000e+00	0.0000e+00	-1.2231e+02	2.8424e+02	-1.0334e+02
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	4.2867e+01	-7.7006e+01	-1.4248e+02
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-4.7314e+01	-5.5393e+01	-1.5437e+02
	1003	0.0000e+00	0.0000e+00	0.0000e+00	4.0210e+01	6.3679e+01	-1.5434e+02
	997	0.0000e+00	0.0000e+00	0.0000e+00	-5.1313e+01	8.5470e+01	-1.4245e+02
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	1.0213e+02	-2.7865e+02	-1.0635e+02
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-6.6391e+01	-2.8985e+02	-1.4805e+02
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-6.1065e+01	-1.5691e+02	-1.6409e+02
	996	0.0000e+00	0.0000e+00	0.0000e+00	5.0204e+01	-1.3312e+02	-1.2211e+02
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	1.5232e+02	-3.7413e+02	1.3953e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	2.4565e+02	-6.5999e+02	-1.6067e+01

1001	0.0000e+00	0.0000e+00	0.0000e+00	-8.4376e+01	-4.7774e+02	-1.8983e+02
995	0.0000e+00	0.0000e+00	0.0000e+00	1.7541e+02	-3.6700e+02	-4.5264e+01
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	1.4489e+02	-1.0651e+02
	314	0.0000e+00	0.0000e+00	0.0000e+00	-1.4505e+02	-1.4807e+02
1000	0.0000e+00	0.0000e+00	0.0000e+00	2.0359e+02	-9.7436e+02	3.4963e+02
994	0.0000e+00	0.0000e+00	0.0000e+00	2.2144e+02	-3.8225e+02	1.4447e+02
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	-7.0996e+01	1.1004e+02
	999	0.0000e+00	0.0000e+00	0.0000e+00	-1.3690e+02	2.6673e+02
	410	0.0000e+00	0.0000e+00	0.0000e+00	4.4024e+01	2.5974e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	-2.4847e+01	-2.6067e+01
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	-1.0944e+02	1.8038e+02
	998	0.0000e+00	0.0000e+00	0.0000e+00	-1.0211e+02	2.7404e+02
	999	0.0000e+00	0.0000e+00	0.0000e+00	-1.3683e+02	3.2920e+02
	993	0.0000e+00	0.0000e+00	0.0000e+00	-9.4490e+01	1.4877e+02
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	-6.4533e+01	9.6306e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	-4.7712e+01	1.2733e+02
	998	0.0000e+00	0.0000e+00	0.0000e+00	-1.0823e+02	2.5490e+02
	992	0.0000e+00	0.0000e+00	0.0000e+00	-8.8221e+01	1.4944e+02
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	3.1002e+01	-3.9970e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	4.1324e+01	-5.9233e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	-5.3048e+01	6.7184e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	-4.0534e+01	4.5951e+01
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	7.2565e+01	-1.4628e+02
	995	0.0000e+00	0.0000e+00	0.0000e+00	8.9669e+01	-2.4882e+02
	996	0.0000e+00	0.0000e+00	0.0000e+00	3.9910e+01	-1.1998e+02
	990	0.0000e+00	0.0000e+00	0.0000e+00	4.9405e+01	-9.0679e+01
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	8.0962e+01	-1.5143e+02
	994	0.0000e+00	0.0000e+00	0.0000e+00	1.1915e+02	-3.3203e+02
	995	0.0000e+00	0.0000e+00	0.0000e+00	8.4335e+01	-2.7040e+02
	989	0.0000e+00	0.0000e+00	0.0000e+00	9.3870e+01	-1.7878e+02
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	2.2864e+01	2.7574e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	-6.5076e+01	-4.3263e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	1.1896e+02	-2.7478e+02
	988	0.0000e+00	0.0000e+00	0.0000e+00	5.9806e+01	-1.1600e+02
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	7.8811e+00	1.7748e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	-4.6370e+01	8.6312e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	4.8792e+01	-4.9033e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	3.6585e+01	-4.6328e+01
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	-4.3370e+01	7.0339e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	-6.3565e+01	1.3494e+02
	993	0.0000e+00	0.0000e+00	0.0000e+00	-4.9779e+01	1.1641e+02
	987	0.0000e+00	0.0000e+00	0.0000e+00	-2.3651e+01	4.6321e+01
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	-3.4370e+01	4.6588e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	-3.6913e+01	7.0583e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	-6.7729e+01	1.3080e+02
	986	0.0000e+00	0.0000e+00	0.0000e+00	-3.9539e+01	6.3644e+01
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	1.4889e+01	-1.5633e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	2.8585e+01	-3.9700e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	-3.9831e+01	4.5127e+01
	985	0.0000e+00	0.0000e+00	0.0000e+00	-2.0627e+01	1.9486e+01
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	2.9140e+01	-6.1261e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	5.4269e+01	-1.2761e+02
	990	0.0000e+00	0.0000e+00	0.0000e+00	2.7309e+01	-6.5570e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	2.3773e+01	-4.3155e+01
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	1.6901e+01	-4.6864e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	3.9560e+01	-1.1843e+02
	989	0.0000e+00	0.0000e+00	0.0000e+00	5.0667e+01	-1.3316e+02
	983	0.0000e+00	0.0000e+00	0.0000e+00	3.3402e+01	-6.9143e+01
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	-4.5489e+01	4.5999e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	-6.1242e+01	4.6722e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	3.6969e+01	-9.0265e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.2736e+01	-2.0874e+01
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	2.9570e+01	-1.6775e+01

	987	0.0000e+00	0.0000e+00	0.0000e+00	1.0789e+01	1.1219e+01	7.1139e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	6.1428e+01	-5.6125e+01	8.3216e+01
	377	0.0000e+00	0.0000e+00	0.0000e+00	5.9610e+01	-5.4731e+01	3.8245e+01
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	-8.2010e+00	2.1234e+01	3.5422e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-2.0178e+01	5.1354e+01	2.3351e+01
	987	0.0000e+00	0.0000e+00	0.0000e+00	7.0953e+00	3.0366e+01	4.9863e+01
	981	0.0000e+00	0.0000e+00	0.0000e+00	1.6801e+01	2.7794e+00	2.7930e+01
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.2869e+01	1.9135e+01	-1.7417e+01
	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.6651e+01	3.0856e+01	-2.0140e+01
	986	0.0000e+00	0.0000e+00	0.0000e+00	-2.4577e+01	5.4770e+01	1.7968e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	-9.5462e+00	2.2808e+01	4.3323e+00
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	7.6515e+00	-5.2716e+00	-1.7928e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	1.1809e+01	-1.9101e+01	-3.0471e+01
	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.9388e+01	2.2727e+01	-2.9609e+01
	979	0.0000e+00	0.0000e+00	0.0000e+00	-8.7607e+00	8.0710e+00	-1.6668e+01
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	7.6563e+00	-2.0284e+01	9.4619e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	1.6232e+01	-5.2367e+01	9.6597e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	1.1120e+01	-2.7338e+01	-2.1951e+01
	978	0.0000e+00	0.0000e+00	0.0000e+00	7.9562e+00	-1.6529e+01	-1.8313e+01
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	-2.3379e+01	4.4169e+00	2.9904e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-1.4739e+01	-3.0473e+01	5.0709e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	1.3268e+01	-4.9396e+01	2.4383e+01
	977	0.0000e+00	0.0000e+00	0.0000e+00	8.2393e+00	-1.9315e+01	8.5538e+00
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	-6.5323e+01	5.7243e+01	4.1918e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-6.9372e+01	5.6429e+01	8.6196e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-2.0015e+01	-1.3082e+01	7.2424e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-3.5687e+01	1.9329e+01	2.8524e+01
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	3.9959e+01	-2.5807e+01	-1.6175e+01
	981	0.0000e+00	0.0000e+00	0.0000e+00	3.3930e+01	-1.8303e+01	2.0258e+01
	377	0.0000e+00	0.0000e+00	0.0000e+00	6.8253e+01	-5.8899e+01	2.4360e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	6.8399e+01	-5.9837e+01	-1.3123e+01
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	1.7809e+01	6.8835e+00	-1.8023e+01
	980	0.0000e+00	0.0000e+00	0.0000e+00	9.6222e+00	1.4821e+01	5.2070e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	2.6324e+01	-3.9062e+00	1.1070e+01
	975	0.0000e+00	0.0000e+00	0.0000e+00	3.1729e+01	-1.0379e+01	-1.1611e+01
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	1.5917e+01	9.8474e+00	-1.7725e+01
	979	0.0000e+00	0.0000e+00	0.0000e+00	9.1126e+00	1.2894e+01	-1.3246e+01
	980	0.0000e+00	0.0000e+00	0.0000e+00	8.7066e+00	1.9417e+01	-7.9246e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	1.5907e+01	1.1533e+01	-1.2379e+01
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	1.6321e+01	-4.7543e+00	-1.6483e+01
	978	0.0000e+00	0.0000e+00	0.0000e+00	8.9451e+00	-7.1489e+00	-1.8711e+01
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.0347e+01	1.0018e+01	-1.7757e+01
	973	0.0000e+00	0.0000e+00	0.0000e+00	1.5906e+01	6.4583e+00	-1.5445e+01
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	-1.8076e+01	-8.7402e+00	-1.5010e+01
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.1019e+01	-1.6734e+01	-1.1556e+01
	978	0.0000e+00	0.0000e+00	0.0000e+00	9.5067e+00	-9.9422e+00	-1.4454e+01
	972	0.0000e+00	0.0000e+00	0.0000e+00	-1.6585e+01	-7.7750e+00	-1.8682e+01
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	-3.5023e+01	1.5260e+01	-1.2788e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-3.2022e+01	7.6161e+00	1.4382e+01
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.4256e+01	-1.1971e+01	9.3916e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.0372e+01	-4.5980e+00	-1.9332e+01
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	-7.1372e+01	6.5652e+01	-8.9230e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	-7.3385e+01	6.2288e+01	2.8209e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-3.9749e+01	2.1691e+01	2.2972e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-4.2990e+01	3.0754e+01	-1.4942e+01
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	3.7543e+01	-1.7643e+01	-5.6163e+01
	975	0.0000e+00	0.0000e+00	0.0000e+00	4.0603e+01	-2.5600e+01	-2.1753e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	6.6812e+01	-6.1165e+01	-2.4375e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	6.8114e+01	-6.4616e+01	-5.8559e+01
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	2.7916e+01	1.7738e+01	-3.6103e+01
	974	0.0000e+00	0.0000e+00	0.0000e+00	1.9970e+01	8.1613e+00	-1.7013e+01
	975	0.0000e+00	0.0000e+00	0.0000e+00	3.2237e+01	-1.0681e+01	-2.5980e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	3.3611e+01	-2.7385e+00	-4.5166e+01

1636	967	0.0000e+00	0.0000e+00	0.0000e+00	-2.9235e+01	1.4520e+01	-1.8240e+01
	973	0.0000e+00	0.0000e+00	0.0000e+00	-1.9613e+01	1.0689e+01	-1.5530e+01
	974	0.0000e+00	0.0000e+00	0.0000e+00	1.9557e+01	1.1476e+01	-2.1444e+01
	968	0.0000e+00	0.0000e+00	0.0000e+00	2.7385e+01	2.2381e+01	-2.4421e+01
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	3.0838e+01	-1.0308e+01	-1.5298e+01
	972	0.0000e+00	0.0000e+00	0.0000e+00	2.0550e+01	-4.5430e+00	-1.8422e+01
	973	0.0000e+00	0.0000e+00	0.0000e+00	2.0086e+01	6.4804e+00	-1.7168e+01
	967	0.0000e+00	0.0000e+00	0.0000e+00	-2.9354e+01	1.1193e+01	-1.3995e+01
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	3.0649e+01	-1.9204e+01	-2.6857e+01
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.1432e+01	-8.3701e+00	-2.3470e+01
	972	0.0000e+00	0.0000e+00	0.0000e+00	2.0515e+01	-8.2707e+00	-1.6409e+01
	966	0.0000e+00	0.0000e+00	0.0000e+00	3.0904e+01	-1.3054e+01	-1.9779e+01
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.5245e+01	8.1038e+00	-4.5665e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-3.4804e+01	1.6146e+01	-2.5917e+01
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.2246e+01	-4.3973e+00	-1.8423e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-3.1112e+01	-1.3640e+01	-3.7783e+01
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	-6.7741e+01	7.4717e+01	-5.4384e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-6.9171e+01	6.8117e+01	-1.9616e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-4.3313e+01	3.1830e+01	-2.0448e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.8782e+01	2.5741e+01	-5.4838e+01
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	-3.9962e+01	1.6354e+01	-1.0031e+02
	969	0.0000e+00	0.0000e+00	0.0000e+00	3.5998e+01	-1.4495e+01	-5.9257e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	5.5464e+01	-6.3194e+01	-7.3207e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	6.3873e+01	-6.1225e+01	-1.1415e+02
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	-4.3177e+01	5.2060e+01	-4.4662e+01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-3.1244e+01	2.7651e+01	-3.2374e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	3.1136e+01	6.3161e+00	-6.1344e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-3.9496e+01	4.4313e+01	-7.3643e+01
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	-4.4275e+01	2.8697e+01	-8.3737e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.4136e+01	2.1130e+01	-1.4751e+01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-3.2340e+01	2.5795e+01	-3.1797e+01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-4.3641e+01	5.6760e+01	-2.5589e+01
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	4.8800e+01	-2.1141e+01	-6.0466e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	3.6268e+01	-9.5206e+00	-1.5534e+01
	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.4640e+01	1.0701e+01	-1.3889e+01
	961	0.0000e+00	0.0000e+00	0.0000e+00	-4.4457e+01	2.0870e+01	-3.5346e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	5.4977e+01	-5.4300e+01	-2.8552e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	3.7816e+01	-2.2020e+01	-3.4541e+01
	966	0.0000e+00	0.0000e+00	0.0000e+00	3.8055e+01	-1.9493e+01	-1.6039e+01
	960	0.0000e+00	0.0000e+00	0.0000e+00	4.8717e+01	-2.8190e+01	-1.0341e+01
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	5.0611e+01	-3.4317e+01	-7.6038e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.5434e+01	4.0785e+00	-6.2236e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	3.7377e+01	-2.2404e+01	-3.3924e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	5.4871e+01	-4.7575e+01	-4.7610e+01
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	-6.2069e+01	7.7602e+01	-1.1113e+02
	254	0.0000e+00	0.0000e+00	0.0000e+00	-5.5417e+01	7.5038e+01	-6.8649e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.8134e+01	2.3993e+01	-5.8526e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	5.1977e+01	-6.2914e+00	-1.0088e+02
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	-7.1588e+01	1.4484e+02	-1.3863e+02
	963	0.0000e+00	0.0000e+00	0.0000e+00	-4.5852e+01	3.6225e+01	-8.7249e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	4.3045e+01	-5.7391e+01	-1.3184e+02
	324	0.0000e+00	0.0000e+00	0.0000e+00	7.3579e+01	-6.9844e+01	-1.8318e+02
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	-6.0009e+01	1.3878e+02	-2.1716e+01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-5.7383e+01	7.7747e+01	-3.2467e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-4.9129e+01	5.5079e+01	-8.5733e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-6.7667e+01	1.0965e+02	-7.4967e+01
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	5.8619e+01	6.9759e+01	9.6043e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-4.9782e+01	3.8447e+01	-3.2261e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-4.9673e+01	6.4160e+01	-2.1230e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-5.8402e+01	7.3295e+01	-9.5294e+00
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	6.2031e+01	-1.3699e+01	1.2119e+01
	960	0.0000e+00	0.0000e+00	0.0000e+00	5.3335e+01	-2.1864e+01	4.2661e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-5.0008e+01	2.2186e+01	3.2130e+00



	952	0.0000e+00	0.0000e+00	0.0000e+00	-5.6996e+01	1.2865e+01	1.2368e+01
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	7.5021e+01	-7.3203e+01	-9.9875e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	6.4467e+01	-6.0643e+01	-2.4012e+01
	960	0.0000e+00	0.0000e+00	0.0000e+00	5.9714e+01	-3.8448e+01	-5.4776e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	-6.1660e+01	-6.9309e+01	1.1122e+01
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	1.0048e+02	-1.0501e+02	-7.7574e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	6.8611e+01	-4.3455e+01	-9.0085e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	7.7500e+01	-7.3863e+01	-3.4257e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	7.4991e+01	-1.3383e+02	-2.1763e+01
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	-8.6197e+01	9.4043e+01	-1.8155e+02
	244	0.0000e+00	0.0000e+00	0.0000e+00	-5.4504e+01	7.6903e+01	-1.2864e+02
	958	0.0000e+00	0.0000e+00	0.0000e+00	6.4373e+01	-2.0918e+01	-8.8824e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	1.0832e+02	-1.2432e+02	-1.4155e+02
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	1.7339e+02	-7.2616e+01	-6.3265e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-1.0166e+02	2.2399e+02	-1.3647e+02
	324	0.0000e+00	0.0000e+00	0.0000e+00	-1.2414e+02	-4.8172e+01	-3.0441e+02
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.0184e+02	6.1925e+02	-2.2194e+02
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	1.0997e+02	-7.0791e+01	-4.2122e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	8.0216e+01	1.4285e+02	-5.4953e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-9.1725e+01	1.5491e+02	-8.5398e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	1.6786e+02	4.3300e+02	-7.2259e+01
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	6.9014e+01	-1.3403e+02	-2.4894e+01
	952	0.0000e+00	0.0000e+00	0.0000e+00	7.4815e+01	5.5389e+01	-2.4049e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-6.1589e+01	1.0574e+02	-3.4061e+01
	955	0.0000e+00	0.0000e+00	0.0000e+00	1.0781e+02	3.1474e+02	-3.5336e+01
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-5.8490e+01	-2.1366e+02	-2.1320e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	7.1121e+01	-2.8896e+01	-1.8202e+01
	952	0.0000e+00	0.0000e+00	0.0000e+00	-5.8097e+01	2.9673e+01	-1.9379e+01
	953	0.0000e+00	0.0000e+00	0.0000e+00	6.9195e+01	2.1837e+02	-2.1783e+01
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-8.6111e+01	-3.0289e+02	-3.1785e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	8.2687e+01	-1.0305e+02	-2.9995e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-6.5292e+01	-5.5211e+01	-2.2892e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-6.1165e+01	1.3365e+02	-2.3654e+01
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-1.3846e+02	-4.1023e+02	-6.1920e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	1.4107e+02	-1.4404e+02	-8.0029e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-8.2910e+01	-1.4269e+02	-5.2303e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-9.0494e+01	6.6841e+01	-3.7222e+01
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6226e+02	-5.7254e+02	-2.0557e+02
	234	0.0000e+00	0.0000e+00	0.0000e+00	1.5352e+02	7.8699e+01	-3.0875e+02
	946	0.0000e+00	0.0000e+00	0.0000e+00	1.5892e+02	-2.0843e+02	-1.2999e+02
	947	0.0000e+00	0.0000e+00	0.0000e+00	-1.4601e+02	6.5128e+01	-5.6864e+01
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	-8.2621e+01	1.5734e+03	1.4649e+02
	945	0.0000e+00	0.0000e+00	0.0000e+00	9.3634e+02	1.9235e+02	-3.0159e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	8.7517e+02	4.2982e+03	9.1825e+02
	538	0.0000e+00	0.0000e+00	0.0000e+00	-8.8818e+02	4.9106e+02	1.3634e+03
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	2.3236e+02	3.8148e+02	-1.3220e+02
	944	0.0000e+00	0.0000e+00	0.0000e+00	3.8298e+02	3.7294e+02	-3.4016e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	5.5165e+02	7.8344e+02	-6.4522e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	2.6699e+02	8.3573e+02	-1.6282e+02
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	1.2533e+02	1.6566e+02	-1.1010e+02
	943	0.0000e+00	0.0000e+00	0.0000e+00	1.6832e+02	1.6344e+02	-2.1466e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	2.9651e+02	3.3057e+02	-4.5768e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	1.7727e+02	3.7697e+02	-1.3456e+02
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	1.9701e+01	2.0445e+01	-9.9787e+01
	942	0.0000e+00	0.0000e+00	0.0000e+00	1.8667e+01	2.8414e+01	-2.2840e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	1.1527e+02	1.4013e+02	-2.9222e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	7.7629e+01	1.6055e+02	-1.0602e+02
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	-8.4694e+01	-1.3176e+02	-1.1000e+02
	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.2733e+02	-1.0812e+02	-3.0812e+01
	942	0.0000e+00	0.0000e+00	0.0000e+00	-2.7936e+01	7.3383e+00	-2.1965e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	-2.5437e+01	1.3194e+01	-1.0104e+02
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	-1.9043e+02	-3.6508e+02	-1.4473e+02
	940	0.0000e+00	0.0000e+00	0.0000e+00	-3.1995e+02	-3.1333e+02	-4.8896e+01

	941	0.0000e+00	0.0000e+00	0.0000e+00	-1.8314e+02	-1.3351e+02	-2.0795e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	-1.3491e+02	-1.3787e+02	-1.1658e+02
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	-2.8589e+02	-8.6192e+02	-1.7986e+02
	939	0.0000e+00	0.0000e+00	0.0000e+00	-5.9820e+02	-8.0201e+02	-6.9748e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-4.1297e+02	-3.6104e+02	-3.4014e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-2.5014e+02	-3.7237e+02	-1.4412e+02
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	9.0500e+02	-5.4203e+02	1.3970e+03
	17	0.0000e+00	0.0000e+00	0.0000e+00	-9.3324e+02	-4.4794e+03	9.3830e+02
	939	0.0000e+00	0.0000e+00	0.0000e+00	-1.0017e+03	-1.9692e+02	-3.1713e+02
	932	0.0000e+00	0.0000e+00	0.0000e+00	5.2817e+01	-1.6320e+03	1.4161e+02
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	-2.5215e+02	4.6928e+02	1.0941e+02
	938	0.0000e+00	0.0000e+00	0.0000e+00	-1.1246e+02	1.1031e+03	2.8453e+02
	538	0.0000e+00	0.0000e+00	0.0000e+00	1.0855e+02	1.7387e+02	5.9737e+02
	527	0.0000e+00	0.0000e+00	0.0000e+00	-1.1547e+02	1.8351e+02	4.2219e+02
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	-1.2747e+02	4.1768e+02	-5.5393e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	9.2737e+01	4.8073e+02	-1.9849e+02
	938	0.0000e+00	0.0000e+00	0.0000e+00	-1.9385e+02	6.5979e+02	-5.5013e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.3087e+02	4.3671e+02	8.8558e+01
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	-1.0776e+01	1.9774e+02	-1.2369e+02
	936	0.0000e+00	0.0000e+00	0.0000e+00	6.8504e+01	2.0689e+02	-1.4888e+02
	937	0.0000e+00	0.0000e+00	0.0000e+00	6.8755e+01	3.2674e+02	-1.4699e+02
	930	0.0000e+00	0.0000e+00	0.0000e+00	-5.7078e+01	3.3214e+02	-1.2184e+02
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	1.0312e+01	2.7876e+01	-1.4519e+02
	935	0.0000e+00	0.0000e+00	0.0000e+00	1.1462e+01	4.2891e+01	-1.3322e+02
	936	0.0000e+00	0.0000e+00	0.0000e+00	4.7929e+01	1.3692e+02	-1.3532e+02
	929	0.0000e+00	0.0000e+00	0.0000e+00	-8.5023e+00	1.5618e+02	-1.4729e+02
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	1.1765e+01	-1.3411e+02	-1.5396e+02
	934	0.0000e+00	0.0000e+00	0.0000e+00	-4.9754e+01	-1.0861e+02	-1.4174e+02
	935	0.0000e+00	0.0000e+00	0.0000e+00	-1.2597e+01	-1.1383e+01	-1.3374e+02
	928	0.0000e+00	0.0000e+00	0.0000e+00	-4.9866e+00	-2.8258e+00	-1.4596e+02
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	6.4751e+01	-3.2468e+02	-1.3483e+02
	933	0.0000e+00	0.0000e+00	0.0000e+00	-7.1989e+01	-3.1323e+02	-1.6037e+02
	934	0.0000e+00	0.0000e+00	0.0000e+00	-7.1631e+01	-1.8255e+02	-1.5675e+02
	927	0.0000e+00	0.0000e+00	0.0000e+00	1.3370e+01	-1.7832e+02	-1.3121e+02
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	1.4142e+02	-4.5110e+02	7.7660e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	1.9447e+02	-6.7811e+02	-7.0487e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	-9.9049e+01	-4.7802e+02	-2.1496e+02
	926	0.0000e+00	0.0000e+00	0.0000e+00	1.3763e+02	-4.1707e+02	-6.6826e+01
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	1.2417e+02	-2.1264e+02	4.2687e+02
	861	0.0000e+00	0.0000e+00	0.0000e+00	-1.1195e+02	-2.0946e+02	6.0646e+02
	932	0.0000e+00	0.0000e+00	0.0000e+00	1.0408e+02	-1.1465e+03	2.7970e+02
	925	0.0000e+00	0.0000e+00	0.0000e+00	2.6855e+02	-4.9203e+02	1.0011e+02
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	-8.3328e+01	1.9277e+02	1.2197e+02
	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.2003e+02	3.4944e+02	2.2690e+02
	527	0.0000e+00	0.0000e+00	0.0000e+00	4.2633e+01	1.1015e+02	3.3404e+02
	516	0.0000e+00	0.0000e+00	0.0000e+00	-3.3786e+01	5.3160e+01	2.2909e+02
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	-1.0422e+02	2.5664e+02	-1.2553e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	-6.7154e+01	3.3570e+02	-3.6081e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	-1.2200e+02	3.9926e+02	9.0247e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	-9.7191e+01	2.2757e+02	1.1423e+02
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	-5.1021e+01	1.6298e+02	-9.2413e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	-1.3869e+01	1.9155e+02	-1.3711e+02
	930	0.0000e+00	0.0000e+00	0.0000e+00	-7.7251e+01	3.0260e+02	-8.1230e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	-7.5795e+01	2.1965e+02	-3.6734e+01
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	5.3598e+00	2.9972e+01	-1.2318e+02
	928	0.0000e+00	0.0000e+00	0.0000e+00	1.0704e+01	4.0018e+01	-1.5395e+02
	929	0.0000e+00	0.0000e+00	0.0000e+00	-2.1096e+01	1.3573e+02	-1.4024e+02
	922	0.0000e+00	0.0000e+00	0.0000e+00	-2.9481e+01	1.1840e+02	-1.0948e+02
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	5.0032e+01	-1.0272e+02	-1.1539e+02
	927	0.0000e+00	0.0000e+00	0.0000e+00	3.2798e+01	-1.1476e+02	-1.4680e+02
	928	0.0000e+00	0.0000e+00	0.0000e+00	5.0770e+00	-1.5874e+01	-1.5503e+02
	921	0.0000e+00	0.0000e+00	0.0000e+00	1.7465e+01	-1.1497e+01	-1.2361e+02
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	9.8306e+01	-2.1430e+02	-4.6376e+01

	926	0.0000e+00	0.0000e+00	0.0000e+00	9.1566e+01	-2.9506e+02	-9.3170e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	2.3781e+01	-1.7381e+02	-1.4562e+02
	920	0.0000e+00	0.0000e+00	0.0000e+00	7.2298e+01	-1.5003e+02	-9.8811e+01
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	1.2149e+02	-2.3656e+02	1.0536e+02
	925	0.0000e+00	0.0000e+00	0.0000e+00	1.3881e+02	-4.1200e+02	7.9114e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	7.9631e+01	-3.3364e+02	-4.7736e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	1.2803e+02	-2.5629e+02	-2.1545e+01
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	5.5118e+01	-7.4117e+01	2.2428e+02
	853	0.0000e+00	0.0000e+00	0.0000e+00	-2.9525e+01	-1.3403e+02	3.3216e+02
	925	0.0000e+00	0.0000e+00	0.0000e+00	1.3455e+02	-3.6724e+02	2.2111e+02
	918	0.0000e+00	0.0000e+00	0.0000e+00	1.0755e+02	-2.0581e+02	1.1324e+02
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	-3.1721e+01	8.5529e+01	7.4965e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	-6.2772e+01	1.6057e+02	1.4020e+02
	516	0.0000e+00	0.0000e+00	0.0000e+00	2.9368e+01	2.2825e+01	1.8209e+02
	505	0.0000e+00	0.0000e+00	0.0000e+00	7.9758e+00	1.3994e+01	1.1682e+02
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	-6.2886e+01	1.4358e+02	4.7004e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	-6.8253e+01	2.1047e+02	1.1596e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	-6.3667e+01	1.9319e+02	8.1307e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-4.8781e+01	1.1905e+02	7.1997e+01
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	-3.9929e+01	1.0818e+02	-5.5628e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	-3.1929e+01	1.4138e+02	-8.2549e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	-7.2172e+01	1.9691e+02	-3.4410e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-5.3628e+01	1.3368e+02	-8.6134e+00
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	6.6176e+00	2.4243e+01	-7.9369e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	1.3036e+01	2.9351e+01	-1.1641e+02
	922	0.0000e+00	0.0000e+00	0.0000e+00	-3.3713e+01	1.0591e+02	-9.9651e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-2.2386e+01	7.7517e+01	-6.2647e+01
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	5.3100e+01	-6.7110e+01	-6.7314e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	5.8794e+01	-9.1441e+01	-1.0496e+02
	921	0.0000e+00	0.0000e+00	0.0000e+00	1.2295e+01	-1.2320e+01	-1.1739e+02
	914	0.0000e+00	0.0000e+00	0.0000e+00	2.4429e+01	-1.1811e+01	-7.9739e+01
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	8.5451e+01	-1.3085e+02	-1.5647e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	9.9053e+01	-1.9202e+02	-4.3910e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	5.6495e+01	-1.2918e+02	-8.9307e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	7.1088e+01	-9.9835e+01	-6.0949e+01
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	8.0979e+01	-1.2716e+02	6.2155e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	9.0977e+01	-2.0140e+02	7.0720e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	9.4095e+01	-2.0935e+02	1.9545e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	9.5089e+01	-1.4413e+02	-8.1502e+00
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	2.2165e+01	-3.3274e+01	1.0668e+02
	845	0.0000e+00	0.0000e+00	0.0000e+00	-5.0076e+00	-4.1520e+01	1.7374e+02
	918	0.0000e+00	0.0000e+00	0.0000e+00	8.8626e+01	-1.7238e+02	1.3165e+02
	911	0.0000e+00	0.0000e+00	0.0000e+00	6.3195e+01	-9.6738e+01	6.4603e+01
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	-7.1726e+00	4.2386e+01	3.5099e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-2.4014e+01	7.4452e+01	7.7193e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	3.0878e+01	3.1865e+00	9.5296e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	2.3614e+01	-3.7663e+00	5.3130e+01
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	-3.1958e+01	8.5366e+01	4.3485e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	-4.1924e+01	1.2123e+02	1.5723e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-2.6807e+01	9.9884e+01	4.9989e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.9025e+01	6.6430e+01	3.5984e+01
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	-2.1544e+01	7.0598e+01	-2.7608e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-2.2797e+01	9.2021e+01	-4.2175e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-4.3589e+01	1.1947e+02	-1.4256e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-3.0057e+01	8.4091e+01	4.5130e+00
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	1.1423e+01	1.6851e+01	-3.9587e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	1.5535e+01	1.9503e+01	-6.8994e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-2.1767e+01	7.1217e+01	-5.7607e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.0864e+01	5.1036e+01	-2.8276e+01
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	4.6931e+01	-4.5194e+01	-3.2111e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	5.5301e+01	-6.2004e+01	-6.1900e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	1.7743e+01	-8.3087e+00	-6.9809e+01
	907	0.0000e+00	0.0000e+00	0.0000e+00	2.4717e+01	-9.3120e+00	-4.0020e+01

1699	905	0.0000e+00	0.0000e+00	0.0000e+00	6.6665e+01	-8.4563e+01	-7.0482e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	7.8000e+01	-1.1745e+02	-2.2186e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	5.6028e+01	-8.4454e+01	-4.7722e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	5.7741e+01	-6.6340e+01	-3.2351e+01
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	5.5259e+01	-7.6445e+01	2.4953e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	6.0942e+01	-1.0818e+02	3.8766e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	7.5633e+01	-1.2197e+02	6.3864e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	6.8381e+01	-8.8476e+01	-8.2280e+00
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	1.0923e+01	-1.7852e+01	3.9467e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	1.4312e+00	-2.0289e+01	8.2867e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	5.6972e+01	-8.5772e+01	6.6340e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	4.2091e+01	-5.5257e+01	2.2985e+01
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	5.4354e+00	2.8808e+01	3.7453e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	-5.1049e+00	3.8569e+01	3.3476e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	3.1847e+01	-9.0805e+00	3.9545e+01
	483	0.0000e+00	0.0000e+00	0.0000e+00	2.9632e+01	-1.1583e+01	7.8835e+00
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	-1.9649e+01	6.5130e+01	-5.2990e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	-2.3319e+01	7.6600e+01	1.0333e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-9.6375e+00	5.7793e+01	2.0376e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-8.5105e+00	4.8363e+01	7.8589e+00
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	-1.2048e+01	5.4895e+01	-7.1764e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.3091e+01	6.2753e+01	-1.6276e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-2.4104e+01	7.7327e+01	-7.5691e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	-1.9773e+01	6.6086e+01	4.9276e+00
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	1.4573e+01	1.1834e+01	-7.8119e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	1.6367e+01	1.3300e+01	-3.0500e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-9.9993e+00	4.8404e+01	-2.5937e+01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-6.7710e+00	4.0574e+01	-4.0891e+00
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	4.2347e+01	-3.8937e+01	-6.5697e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	4.7142e+01	-4.3817e+01	-2.9576e+01
	907	0.0000e+00	0.0000e+00	0.0000e+00	2.0900e+01	-7.0042e+00	-3.1279e+01
	900	0.0000e+00	0.0000e+00	0.0000e+00	2.2260e+01	-8.5358e+00	-8.2900e+00
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	5.6184e+01	-7.0573e+01	-4.8333e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	6.1712e+01	-7.8932e+01	-1.4596e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	5.0089e+01	-5.9585e+01	-2.1203e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	4.7869e+01	-5.4676e+01	-1.1289e+01
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	4.3357e+01	-6.2186e+01	-5.6094e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	4.6379e+01	-6.8731e+01	8.2601e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	6.0429e+01	-8.0656e+01	2.2509e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	5.5501e+01	-7.2047e+01	-1.2923e+01
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	5.4742e+00	-1.3117e+01	-9.5301e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	3.9025e+00	-1.2959e+01	2.4057e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	4.0218e+01	-5.2375e+01	2.0660e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	3.5203e+01	-4.5437e+01	-1.2819e+01
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	-1.1497e+01	3.8043e+01	-3.1639e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	5.9072e+00	2.8849e+01	3.4238e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	2.8287e+01	-1.2973e+01	-4.6530e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	2.9139e+01	-1.5071e+01	-3.5169e+01
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	-2.2497e+01	7.5269e+01	-8.4345e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	-2.0381e+01	6.5628e+01	4.9547e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	-9.6490e+00	4.7708e+01	-7.5183e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	-1.3534e+01	5.7779e+01	-1.7993e+01
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	-1.2160e+01	5.8636e+01	1.3078e+01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-1.2222e+01	5.4331e+01	4.3198e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	-1.9525e+01	6.5611e+01	-4.9740e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	-2.3325e+01	7.4427e+01	7.0107e+00
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	1.4437e+01	1.0364e+01	2.0846e+01
	900	0.0000e+00	0.0000e+00	0.0000e+00	1.4763e+01	1.0462e+01	2.0094e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	-6.9986e+00	4.0478e+01	2.9512e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	-1.0160e+01	4.3068e+01	1.9684e+01
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	3.9102e+01	-4.5359e+01	1.6505e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	4.1521e+01	-4.0280e+01	-4.6639e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	2.1720e+01	-8.5504e+00	2.0202e+00

	893	0.0000e+00	0.0000e+00	0.0000e+00	1.7615e+01	-1.0856e+01	2.0199e+01
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	5.3397e+01	-8.3423e+01	-1.4468e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	5.5091e+01	-7.1604e+01	-1.1336e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	4.7250e+01	-5.5576e+01	-2.3786e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	4.0912e+01	-6.2477e+01	8.3992e+00
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	4.1878e+01	-7.6991e+01	-3.0441e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	4.3572e+01	-6.3120e+01	-1.9590e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	5.5709e+01	-7.4186e+01	-6.3345e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	5.1655e+01	-8.6973e+01	-1.7073e+01
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	2.1937e+00	-1.5209e+01	-5.4510e+01
	821	0.0000e+00	0.0000e+00	0.0000e+00	6.8267e+00	-1.3360e+01	-2.2387e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	3.5224e+01	-4.7207e+01	-1.4909e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	3.7493e+01	-6.0319e+01	-4.7003e+01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	-3.1243e+01	7.3434e+01	-6.7630e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-1.4529e+01	4.3411e+01	-3.0590e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.7199e+01	-1.2230e+01	-4.9282e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	2.5578e+01	-6.2035e+00	-8.6384e+01
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	-3.0276e+01	1.0964e+02	-4.9595e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	-3.1252e+01	8.5327e+01	2.8129e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	-2.3195e+01	6.4683e+01	-3.2181e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-3.0102e+01	1.0486e+02	-3.6802e+01
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	-1.4039e+01	7.3074e+01	3.4806e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-1.7905e+01	6.3706e+01	2.0738e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-2.6648e+01	7.9778e+01	3.4389e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	-3.1927e+01	1.0803e+02	1.6033e+01
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	1.1071e+01	9.0208e+00	4.5785e+01
	893	0.0000e+00	0.0000e+00	0.0000e+00	1.1579e+01	9.6435e+00	2.6569e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-1.0777e+01	4.5879e+01	2.1918e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-1.4375e+01	5.5966e+01	4.1087e+01
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	2.9100e+01	-6.2009e+01	3.8341e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	3.6529e+01	-4.9933e+01	1.8937e+01
	893	0.0000e+00	0.0000e+00	0.0000e+00	1.8492e+01	-1.1724e+01	2.5548e+01
	886	0.0000e+00	0.0000e+00	0.0000e+00	1.0397e+01	-1.2877e+01	4.4942e+01
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	4.7358e+01	-1.2189e+02	9.1061e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	5.3733e+01	-9.0780e+01	-5.7650e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	4.4323e+01	-6.9328e+01	1.5612e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	2.7628e+01	-8.0619e+01	3.0294e+01
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	4.5156e+01	-1.3131e+02	-4.9483e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	4.9774e+01	-8.6217e+01	-4.5611e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	5.8360e+01	-9.9342e+01	-9.5451e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	4.4383e+01	-1.2620e+02	-1.3439e+01
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	-5.3726e+00	-3.4123e+01	-1.0830e+02
	813	0.0000e+00	0.0000e+00	0.0000e+00	1.3546e+01	-2.0881e+01	-7.0590e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	3.9440e+01	-6.8479e+01	-4.6490e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	4.4639e+01	-1.0328e+02	-8.4196e+01
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	-4.6774e+01	2.2150e+02	-9.4508e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-5.2476e+01	9.7161e+01	-4.8598e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-1.8702e+01	6.4277e+00	-1.0308e+02
	441	0.0000e+00	0.0000e+00	0.0000e+00	2.6700e+01	-1.4598e+01	-1.4902e+02
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	1.6647e+01	1.9189e+02	2.5264e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-5.0836e+01	1.3434e+02	8.9551e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	-4.1948e+01	1.1687e+02	-4.3710e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-4.9697e+01	1.6367e+02	-2.7384e+01
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	1.2265e+01	1.1438e+02	5.2958e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-2.1962e+01	8.0275e+01	4.0471e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-2.9288e+01	1.1773e+02	2.3118e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-1.9900e+01	1.1830e+02	3.5575e+01
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	8.0523e+00	3.1265e+01	5.8196e+01
	886	0.0000e+00	0.0000e+00	0.0000e+00	7.4706e+00	6.9581e+00	5.0420e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-1.1506e+01	6.1460e+01	4.6914e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	-1.1381e+01	4.3932e+01	5.4686e+01
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	5.1879e+00	-5.2796e+01	5.1953e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	1.9355e+01	-6.9707e+01	4.4359e+01

	886	0.0000e+00	0.0000e+00	0.0000e+00	1.2526e+01	-1.2681e+01	4.9241e+01
	875	0.0000e+00	0.0000e+00	0.0000e+00	-1.0413e+01	-3.9271e+01	5.6829e+01
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	6.7135e+00	-1.3404e+02	2.8614e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	3.8272e+01	-1.3413e+02	1.6529e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	3.1551e+01	-8.9887e+01	3.5400e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-1.2182e+01	-1.2769e+02	4.7473e+01
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	3.7759e+01	-1.9220e+02	-3.9413e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	5.0283e+01	-1.4639e+02	-5.5824e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	6.1082e+01	-1.5353e+02	-2.0898e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	-6.7008e+00	-2.1705e+02	1.5827e+01
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	-2.0611e+01	-3.5253e+01	-1.7247e+02
	805	0.0000e+00	0.0000e+00	0.0000e+00	2.2375e+01	-4.5756e+01	-1.2672e+02
	883	0.0000e+00	0.0000e+00	0.0000e+00	6.3981e+01	-1.3168e+02	-6.4721e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	2.9608e+01	-2.6579e+02	-1.1047e+02
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	1.3858e+02	-1.2343e+01	-2.2077e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-4.9339e+01	2.9728e+02	-9.6352e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-1.4302e+02	2.7762e+01	-2.6608e+02
	7	0.0000e+00	0.0000e+00	0.0000e+00	9.9997e+01	6.6348e+02	-1.8004e+02
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	7.9473e+01	-1.4794e+01	-1.1514e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	4.3199e+01	1.9003e+02	-1.1385e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-5.2106e+01	2.1206e+02	-3.9159e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	1.4089e+02	4.7259e+02	-3.0243e+01
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	2.7814e+01	-8.5800e+01	1.6730e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	3.9128e+01	9.8861e+01	1.8309e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-1.9963e+01	1.5044e+02	1.1192e+01
	880	0.0000e+00	0.0000e+00	0.0000e+00	8.3129e+01	3.5128e+02	1.1454e+01
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	-2.2894e+01	-1.7366e+02	1.9348e+01
	875	0.0000e+00	0.0000e+00	0.0000e+00	2.3414e+01	1.1495e+01	2.3725e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	-2.2707e+01	6.6058e+01	2.3157e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	3.2206e+01	2.5250e+02	1.8961e+01
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	-7.0422e+01	-2.7526e+02	1.3160e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	7.8569e+00	-7.8650e+01	1.7723e+01
	875	0.0000e+00	0.0000e+00	0.0000e+00	-3.8146e+01	-2.2074e+01	2.2454e+01
	876	0.0000e+00	0.0000e+00	0.0000e+00	-1.7123e+01	1.6523e+02	1.7748e+01
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	-1.2582e+02	-3.9493e+02	-8.0212e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	-3.9516e+00	-1.7124e+02	-4.3522e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	-5.5956e+01	-1.1381e+02	1.0501e+01
	874	0.0000e+00	0.0000e+00	0.0000e+00	-6.4782e+01	8.5444e+01	7.7947e+00
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	-1.9123e+02	-5.4442e+02	-4.8403e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	2.7323e+01	-2.4800e+02	-5.7895e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	-6.2500e+01	-2.1531e+02	-2.5468e+01
	872	0.0000e+00	0.0000e+00	0.0000e+00	-1.2078e+02	1.6250e+01	-1.6288e+01
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.5027e+02	-7.7591e+02	-2.0800e+02
	797	0.0000e+00	0.0000e+00	0.0000e+00	1.4101e+02	-8.1903e+01	-2.9356e+02
	869	0.0000e+00	0.0000e+00	0.0000e+00	6.1541e+00	-3.4406e+02	-1.2125e+02
	870	0.0000e+00	0.0000e+00	0.0000e+00	-1.8708e+02	6.6606e+00	-3.5878e+01
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	-5.3201e+01	1.6321e+03	1.4159e+02
	868	0.0000e+00	0.0000e+00	0.0000e+00	1.0015e+03	1.9703e+02	-3.1730e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	9.3260e+02	4.4793e+03	9.3818e+02
	861	0.0000e+00	0.0000e+00	0.0000e+00	-9.0522e+02	5.4193e+02	1.3971e+03
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	2.4990e+02	3.7241e+02	-1.4413e+02
	867	0.0000e+00	0.0000e+00	0.0000e+00	4.1283e+02	3.6105e+02	-3.4061e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	5.9807e+02	8.0201e+02	-6.9827e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	2.8556e+02	8.6195e+02	-1.7990e+02
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	1.3469e+02	1.3788e+02	-1.1659e+02
	866	0.0000e+00	0.0000e+00	0.0000e+00	1.8301e+02	1.3351e+02	-2.0811e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	3.1981e+02	3.1332e+02	-4.8937e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	1.9020e+02	3.6510e+02	-1.4476e+02
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	2.5204e+01	-1.3187e+01	-1.0103e+02
	865	0.0000e+00	0.0000e+00	0.0000e+00	2.7798e+01	-7.3461e+00	-2.1962e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	1.2720e+02	1.0811e+02	-3.0827e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	8.4475e+01	1.3177e+02	-1.1002e+02
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	-7.7834e+01	-1.6053e+02	-1.0600e+02

	864	0.0000e+00	0.0000e+00	0.0000e+00	-1.1540e+02	-1.4013e+02	-2.9201e+01
	865	0.0000e+00	0.0000e+00	0.0000e+00	-1.8788e+01	-2.8419e+01	-2.2837e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	-1.9875e+01	-2.0436e+01	-9.9788e+01
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	-1.7750e+02	-3.7694e+02	-1.3452e+02
	863	0.0000e+00	0.0000e+00	0.0000e+00	-2.9665e+02	-3.3057e+02	-4.5727e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-1.6846e+02	-1.6344e+02	-2.1450e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	-1.2554e+02	-1.6564e+02	-1.1009e+02
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	-2.6732e+02	-8.3569e+02	-1.6277e+02
	862	0.0000e+00	0.0000e+00	0.0000e+00	-5.5179e+02	-7.8343e+02	-6.4456e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-3.8313e+02	-3.7292e+02	-3.3984e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-2.3261e+02	-3.8143e+02	-1.3218e+02
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	8.8794e+02	-4.9115e+02	1.3633e+03
	16	0.0000e+00	0.0000e+00	0.0000e+00	-8.7592e+02	-4.2983e+03	9.1838e+02
	862	0.0000e+00	0.0000e+00	0.0000e+00	-9.3652e+02	-1.9224e+02	-3.0144e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	8.2363e+01	-1.5734e+03	1.4651e+02
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	-2.6893e+02	4.9202e+02	1.0013e+02
	860	0.0000e+00	0.0000e+00	0.0000e+00	-1.0441e+02	1.1465e+03	2.7972e+02
	861	0.0000e+00	0.0000e+00	0.0000e+00	1.1163e+02	2.0941e+02	6.0646e+02
	853	0.0000e+00	0.0000e+00	0.0000e+00	-1.2454e+02	2.1261e+02	4.2687e+02
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	-1.3801e+02	4.1710e+02	-6.6821e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	9.8770e+01	4.7804e+02	-2.1498e+02
	860	0.0000e+00	0.0000e+00	0.0000e+00	-1.9478e+02	6.7814e+02	-7.0490e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	-1.4180e+02	4.5110e+02	7.7675e+01
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	-1.3660e+01	1.7834e+02	-1.3121e+02
	858	0.0000e+00	0.0000e+00	0.0000e+00	7.1368e+01	1.8256e+02	-1.5676e+02
	859	0.0000e+00	0.0000e+00	0.0000e+00	7.1711e+01	3.1325e+02	-1.6039e+02
	851	0.0000e+00	0.0000e+00	0.0000e+00	-6.5110e+01	3.2470e+02	-1.3483e+02
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	4.5267e+00	2.8651e+00	-1.4596e+02
	857	0.0000e+00	0.0000e+00	0.0000e+00	1.2293e+01	1.1400e+01	-1.3374e+02
	858	0.0000e+00	0.0000e+00	0.0000e+00	4.9489e+01	1.0862e+02	-1.4175e+02
	850	0.0000e+00	0.0000e+00	0.0000e+00	-1.2023e+01	1.3413e+02	-1.5397e+02
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	8.0194e+00	-1.5616e+02	-1.4729e+02
	856	0.0000e+00	0.0000e+00	0.0000e+00	-4.8155e+01	-1.3690e+02	-1.3531e+02
	857	0.0000e+00	0.0000e+00	0.0000e+00	-1.1604e+01	-4.2883e+01	-1.3322e+02
	849	0.0000e+00	0.0000e+00	0.0000e+00	-1.0447e+01	-2.7855e+01	-1.4520e+02
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	5.6637e+01	-3.3211e+02	-1.2183e+02
	855	0.0000e+00	0.0000e+00	0.0000e+00	-6.9000e+01	-3.2671e+02	-1.4697e+02
	856	0.0000e+00	0.0000e+00	0.0000e+00	-6.8741e+01	-2.0687e+02	-1.4886e+02
	848	0.0000e+00	0.0000e+00	0.0000e+00	1.0283e+01	-1.9771e+02	-1.2370e+02
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	1.3042e+02	-4.3669e+02	8.8550e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	1.9352e+02	-6.5975e+02	-5.5006e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-9.2996e+01	-4.8070e+02	-1.9847e+02
	847	0.0000e+00	0.0000e+00	0.0000e+00	1.2704e+02	-4.1764e+02	-5.5398e+01
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	1.1504e+02	-1.8354e+02	4.2219e+02
	431	0.0000e+00	0.0000e+00	0.0000e+00	-1.0885e+02	-1.7393e+02	5.9738e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	1.1211e+02	-1.1031e+03	2.8452e+02
	846	0.0000e+00	0.0000e+00	0.0000e+00	2.5174e+02	-4.6928e+02	1.0940e+02
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	-1.0808e+02	2.0581e+02	1.1325e+02
	852	0.0000e+00	0.0000e+00	0.0000e+00	-1.3496e+02	3.6722e+02	2.2112e+02
	853	0.0000e+00	0.0000e+00	0.0000e+00	2.9110e+01	1.3400e+02	3.3216e+02
	845	0.0000e+00	0.0000e+00	0.0000e+00	-5.5646e+01	7.4109e+01	2.2428e+02
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	-1.2856e+02	2.5630e+02	-2.1531e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	-8.0038e+01	3.3365e+02	-4.7723e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	-1.3923e+02	4.1200e+02	7.9122e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	-1.2202e+02	2.3656e+02	1.0537e+02
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	-7.2811e+01	1.5004e+02	-9.8804e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	-2.4138e+01	1.7382e+02	-1.4562e+02
	851	0.0000e+00	0.0000e+00	0.0000e+00	-9.1970e+01	2.9507e+02	-9.3171e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	-9.8829e+01	2.1431e+02	-4.6372e+01
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.7865e+01	1.1521e+01	-1.2361e+02
	849	0.0000e+00	0.0000e+00	0.0000e+00	-4.9297e+00	1.5894e+01	-1.5503e+02
	850	0.0000e+00	0.0000e+00	0.0000e+00	-3.3163e+01	1.1478e+02	-1.4681e+02
	842	0.0000e+00	0.0000e+00	0.0000e+00	-5.0530e+01	1.0274e+02	-1.1539e+02

1762	840	0.0000e+00	0.0000e+00	0.0000e+00	2.8838e+01	-1.1838e+02	-1.0949e+02
	848	0.0000e+00	0.0000e+00	0.0000e+00	2.0569e+01	-1.3572e+02	-1.4024e+02
	849	0.0000e+00	0.0000e+00	0.0000e+00	-1.0881e+01	-4.0005e+01	-1.5396e+02
	841	0.0000e+00	0.0000e+00	0.0000e+00	-5.2398e+00	-2.9951e+01	-1.2320e+02
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	7.5188e+01	-2.1962e+02	-3.6749e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	7.6773e+01	-3.0257e+02	-8.1232e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	1.3289e+01	-1.9153e+02	-1.3712e+02
	840	0.0000e+00	0.0000e+00	0.0000e+00	5.0407e+01	-1.6295e+02	-9.2431e+01
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	9.6582e+01	-2.2755e+02	1.1422e+02
	846	0.0000e+00	0.0000e+00	0.0000e+00	1.2152e+02	-3.9925e+02	9.0243e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	6.6659e+01	-3.3567e+02	-3.6098e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	1.0362e+02	-2.5661e+02	-1.2574e+01
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	3.3120e+01	-5.3166e+01	2.2909e+02
	420	0.0000e+00	0.0000e+00	0.0000e+00	-4.2956e+01	-1.1018e+02	3.3404e+02
	846	0.0000e+00	0.0000e+00	0.0000e+00	1.1955e+02	-3.4944e+02	2.2689e+02
	838	0.0000e+00	0.0000e+00	0.0000e+00	8.2724e+01	-1.9276e+02	1.2196e+02
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	-6.3925e+01	9.6745e+01	6.4618e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	-8.9209e+01	1.7237e+02	1.3167e+02
	845	0.0000e+00	0.0000e+00	0.0000e+00	4.4163e+00	4.1507e+01	1.7374e+02
	837	0.0000e+00	0.0000e+00	0.0000e+00	-2.2900e+01	3.3282e+01	1.0667e+02
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	-9.5816e+01	1.4413e+02	-8.1328e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	-9.4673e+01	2.0935e+02	1.9454e+00
	844	0.0000e+00	0.0000e+00	0.0000e+00	-9.1556e+01	2.0139e+02	7.0725e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	-8.1711e+01	1.2717e+02	6.2160e+01
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	-7.1805e+01	9.9842e+01	-6.0941e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	-5.7054e+01	1.2918e+02	-8.9299e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	-9.9628e+01	1.9202e+02	-4.3905e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-8.6176e+01	1.3086e+02	-1.5640e+01
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	-2.5094e+01	1.1823e+01	-7.9745e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.2692e+01	1.2333e+01	-1.1739e+02
	842	0.0000e+00	0.0000e+00	0.0000e+00	-5.9351e+01	9.1447e+01	-1.0497e+02
	834	0.0000e+00	0.0000e+00	0.0000e+00	-5.3808e+01	6.7118e+01	-6.7321e+01
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	2.1533e+01	-7.7498e+01	-6.2666e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	3.3031e+01	-1.0589e+02	-9.9662e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.3431e+01	-2.9343e+01	-1.1642e+02
	833	0.0000e+00	0.0000e+00	0.0000e+00	-7.0252e+00	-2.4232e+01	-7.9392e+01
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	5.2813e+01	-1.3365e+02	-8.6327e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	7.1514e+01	-1.9689e+02	-3.4427e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	3.1229e+01	-1.4136e+02	-8.2572e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	3.9114e+01	-1.0816e+02	-5.5660e+01
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	4.7953e+01	-1.1901e+02	7.1978e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	6.2994e+01	-1.9318e+02	8.1298e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	6.7581e+01	-2.1045e+02	1.1572e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	6.2080e+01	-1.4354e+02	4.6721e+00
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	-8.5353e+00	-1.3990e+01	1.1682e+02
	409	0.0000e+00	0.0000e+00	0.0000e+00	-2.9877e+01	-2.2841e+01	1.8209e+02
	838	0.0000e+00	0.0000e+00	0.0000e+00	6.2087e+01	-1.6056e+02	1.4018e+02
	830	0.0000e+00	0.0000e+00	0.0000e+00	3.0887e+01	-8.5498e+01	7.4939e+01
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	-4.3053e+01	5.5274e+01	2.3005e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	-5.7769e+01	8.5771e+01	6.6356e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-2.0370e+00	2.0288e+01	8.2862e+01
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.1890e+01	1.7874e+01	3.9464e+01
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	-6.9336e+01	8.8479e+01	-8.2093e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	-7.6422e+01	1.2196e+02	6.4018e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-6.1735e+01	1.0818e+02	3.8770e+01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-5.6223e+01	7.6459e+01	2.4962e+01
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	-5.8691e+01	6.6331e+01	-3.2341e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	-5.6804e+01	8.4447e+01	-4.7714e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-7.8785e+01	1.1745e+02	-2.2179e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-6.7620e+01	8.4562e+01	-7.0365e+00
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	-2.5670e+01	9.3032e+00	-4.0033e+01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.8461e+01	8.3072e+00	-6.9819e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	-5.6076e+01	6.1996e+01	-6.1907e+01



	826	0.0000e+00	0.0000e+00	0.0000e+00	-4.7879e+01	4.5184e+01	-3.2120e+01
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	9.9108e+00	-5.1031e+01	-2.8308e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	2.0881e+01	-7.1214e+01	-5.7631e+01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-1.6242e+01	-1.9507e+01	-6.9017e+01
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.2361e+01	-1.6858e+01	-3.9620e+01
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	2.9071e+01	-8.4060e+01	4.4614e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	4.2723e+01	-1.1946e+02	-1.4280e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	2.1902e+01	-9.2010e+01	-4.2211e+01
	824	0.0000e+00	0.0000e+00	0.0000e+00	2.0579e+01	-7.0585e+01	-2.7655e+01
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	1.8050e+01	-6.6378e+01	3.5944e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	2.5914e+01	-9.9859e+01	4.9968e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	4.1041e+01	-1.2120e+02	1.5674e+01
	823	0.0000e+00	0.0000e+00	0.0000e+00	3.0981e+01	-8.5327e+01	4.2779e+00
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	-2.4683e+01	3.8549e+00	5.3121e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-3.1697e+01	3.2416e+00	9.5296e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	2.3093e+01	-7.4425e+01	7.7160e+01
	822	0.0000e+00	0.0000e+00	0.0000e+00	6.4431e+00	-4.2332e+01	3.5055e+01
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	-3.6387e+01	4.5470e+01	-1.2796e+01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-4.1250e+01	5.2386e+01	2.0684e+01
	829	0.0000e+00	0.0000e+00	0.0000e+00	-4.8752e+00	1.2975e+01	2.4051e+01
	821	0.0000e+00	0.0000e+00	0.0000e+00	-6.6476e+00	1.3163e+01	-9.5281e+00
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	-5.6676e+01	7.2043e+01	-1.2892e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-6.1450e+01	8.0649e+01	2.2675e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-4.7404e+01	6.8733e+01	8.2708e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	-4.4547e+01	6.2209e+01	-5.5942e+00
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	-4.9052e+01	5.4639e+01	-1.1275e+01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-5.1104e+01	5.9560e+01	-2.1196e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-6.2729e+01	7.8915e+01	-1.4584e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-5.7363e+01	7.0557e+01	-4.8183e+00
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	-2.3528e+01	8.4895e+00	-8.3039e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-2.1938e+01	6.9780e+00	-3.1298e+01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-4.8160e+01	4.3788e+01	-2.9582e+01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-4.3539e+01	3.8896e+01	-6.5719e+00
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	6.4804e+00	-4.0593e+01	-4.0754e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	9.1312e+00	-4.8417e+01	-2.5976e+01
	825	0.0000e+00	0.0000e+00	0.0000e+00	-1.7428e+01	-1.3324e+01	-3.0531e+01
	817	0.0000e+00	0.0000e+00	0.0000e+00	-1.5900e+01	-1.1870e+01	-7.8392e+00
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	1.8861e+01	-6.6058e+01	4.7981e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	2.3131e+01	-7.7311e+01	-7.5850e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	1.2175e+01	-6.2752e+01	-1.6319e+01
	816	0.0000e+00	0.0000e+00	0.0000e+00	1.1337e+01	-5.4900e+01	-7.2043e+00
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	8.2227e+00	-4.8285e+01	7.7592e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	8.8681e+00	-5.7750e+01	2.0328e+01
	823	0.0000e+00	0.0000e+00	0.0000e+00	2.2325e+01	-7.6566e+01	1.0243e+01
	815	0.0000e+00	0.0000e+00	0.0000e+00	1.8770e+01	-6.5084e+01	-5.2791e+00
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	-3.1060e+01	1.1678e+01	7.8553e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	-3.3011e+01	9.1398e+00	3.9537e+01
	822	0.0000e+00	0.0000e+00	0.0000e+00	4.7070e+00	-3.8515e+01	3.3421e+01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-6.6308e+00	-2.8718e+01	3.6498e+00
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	-3.8823e+01	6.0380e+01	-4.6957e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-3.6470e+01	4.7241e+01	-1.4880e+01
	821	0.0000e+00	0.0000e+00	0.0000e+00	-8.0299e+00	1.3406e+01	-2.2388e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-3.3009e+00	1.5299e+01	-5.4499e+01
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	-5.2977e+01	8.6953e+01	-1.7016e+01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-5.6937e+01	7.4174e+01	-6.3095e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	-4.4804e+01	6.3133e+01	-1.9562e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-4.3222e+01	7.7027e+01	-3.0388e+01
1792	810	0.0000e+00	0.0000e+00	0.0000e+00	-4.2271e+01	6.2395e+01	8.4297e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	-4.8484e+01	5.5523e+01	-2.3739e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	-5.6315e+01	7.1571e+01	-1.1310e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-5.4727e+01	8.3379e+01	-1.4577e+00
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.9195e+01	1.0746e+01	2.0160e+01
	817	0.0000e+00	0.0000e+00	0.0000e+00	-2.3063e+01	8.4828e+00	1.9822e+00

	818	0.0000e+00	0.0000e+00	0.0000e+00	-4.2771e+01	4.0217e+01	-4.6612e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-4.0476e+01	4.5266e+01	1.6501e+01
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	1.0157e+01	-4.3130e+01	1.9574e+01
	816	0.0000e+00	0.0000e+00	0.0000e+00	6.9686e+00	-4.0516e+01	-2.8818e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-1.6206e+01	-1.0515e+01	1.9328e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.6091e+01	-1.0442e+01	2.0772e+01
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	2.2598e+01	-7.4412e+01	6.8052e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	1.8713e+01	-6.5596e+01	-4.9480e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	1.1649e+01	-5.4349e+01	4.1741e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	1.1980e+01	-5.8676e+01	1.2924e+01
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	1.3450e+01	-5.7661e+01	-1.8079e+01
	814	0.0000e+00	0.0000e+00	0.0000e+00	9.5223e+00	-4.7632e+01	-7.5367e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	1.9529e+01	-6.5583e+01	4.7853e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	2.1844e+01	-7.5219e+01	-8.4872e+00
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	-3.0923e+01	1.5216e+01	-3.5208e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-2.9832e+01	1.3069e+01	-4.6602e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-7.1376e+00	-2.8747e+01	3.3254e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	1.1875e+01	-3.7890e+01	-3.1725e+01
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	-4.5940e+01	1.0339e+02	-8.4110e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-4.0804e+01	6.8557e+01	-4.6432e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-1.4883e+01	2.0988e+01	-7.0586e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	4.2617e+00	3.4307e+01	-1.0826e+02
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	-4.5691e+01	1.2614e+02	-1.3338e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-5.9690e+01	9.9319e+01	-9.4925e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	-5.1112e+01	8.6251e+01	-4.5545e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-4.6485e+01	1.3137e+02	-4.9374e+01
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	-2.9053e+01	8.0464e+01	3.0333e+01
	810	0.0000e+00	0.0000e+00	0.0000e+00	-4.5683e+01	6.9229e+01	1.5631e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-5.5065e+01	9.0723e+01	-5.7171e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	-4.8677e+01	1.2180e+02	9.1878e+00
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	-1.2239e+01	1.2671e+01	4.4895e+01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-2.0092e+01	1.1592e+01	2.5497e+01
	810	0.0000e+00	0.0000e+00	0.0000e+00	-3.7929e+01	4.9818e+01	1.8946e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-3.0536e+01	6.1840e+01	3.8351e+01
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	1.4448e+01	-5.6092e+01	4.0951e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	1.0912e+01	-4.5958e+01	2.1790e+01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-1.3376e+01	-9.7328e+00	2.6506e+01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-1.2920e+01	-9.1436e+00	4.5708e+01
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	3.1374e+01	-1.0805e+02	1.5804e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	2.5963e+01	-7.9770e+01	3.1522e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	1.7478e+01	-6.3759e+01	2.0601e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	1.4273e+01	-7.3176e+01	3.4641e+01
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	2.9670e+01	-1.0469e+02	-3.6977e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	2.2675e+01	-6.4557e+01	-3.2298e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	3.0468e+01	-8.5273e+01	2.5641e+00
	799	0.0000e+00	0.0000e+00	0.0000e+00	2.9828e+01	-1.0961e+02	-4.9876e+00
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	-2.7647e+01	6.2029e+00	-8.6457e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.9245e+01	1.2375e+01	-4.9315e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	1.4578e+01	-4.3226e+01	-3.0694e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	3.0860e+01	-7.3188e+01	-6.7782e+01
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	-3.0559e+01	2.6601e+02	-1.1031e+02
	804	0.0000e+00	0.0000e+00	0.0000e+00	-6.5253e+01	1.3183e+02	-6.4609e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-2.3640e+01	4.5990e+01	-1.2671e+02
	797	0.0000e+00	0.0000e+00	0.0000e+00	1.9661e+01	3.5603e+01	-1.7241e+02
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	6.5373e+00	2.1699e+02	1.5933e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-6.2314e+01	1.5347e+02	-2.0297e+00
	804	0.0000e+00	0.0000e+00	0.0000e+00	-5.1502e+01	1.4645e+02	-5.5677e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-3.8778e+01	1.9216e+02	-3.9232e+01
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	1.1892e+01	1.2747e+02	4.7512e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-3.2891e+01	8.9718e+01	3.5428e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-3.9541e+01	1.3404e+02	1.6630e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	-8.1444e+00	1.3384e+02	2.8720e+01
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	1.0661e+01	3.8979e+01	5.6773e+01

	801	0.0000e+00	0.0000e+00	0.0000e+00	-1.4244e+01	1.2457e+01	4.9181e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-2.0833e+01	6.9521e+01	4.4384e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	-6.3753e+00	5.2514e+01	5.1979e+01
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	1.2192e+01	-4.4160e+01	5.4533e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	1.2147e+01	-6.1598e+01	4.6762e+01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-9.1327e+00	-7.0642e+00	5.0354e+01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-9.4965e+00	-3.1496e+01	5.8125e+01
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	2.0371e+01	-1.1843e+02	3.5344e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	2.8950e+01	-1.1775e+02	2.2875e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	2.1745e+01	-8.0390e+01	4.0317e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	-1.3771e+01	-1.1452e+02	5.2797e+01
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	4.9446e+01	-1.6359e+02	-2.7653e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	4.1471e+01	-1.1667e+02	-4.3930e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	5.0155e+01	-1.3432e+02	8.6939e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.7832e+01	-1.9183e+02	2.5031e+01
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	-2.8465e+01	1.4753e+01	-1.4915e+02
	354	0.0000e+00	0.0000e+00	0.0000e+00	1.9454e+01	-5.8608e+00	-1.0314e+02
	798	0.0000e+00	0.0000e+00	0.0000e+00	5.1732e+01	-9.6846e+01	-4.8781e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	4.6722e+01	-2.2108e+02	-9.4761e+01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	1.8677e+02	-7.1222e+00	-3.5948e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-6.9347e+00	3.4427e+02	-1.2125e+02
	797	0.0000e+00	0.0000e+00	0.0000e+00	-1.4218e+02	8.2400e+01	-2.9348e+02
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.5075e+02	7.7710e+02	-2.0800e+02
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	1.2047e+02	-1.6861e+01	-1.6168e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	6.1893e+01	2.1521e+02	-2.5410e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-2.8156e+01	2.4804e+02	-5.7839e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	1.9094e+02	5.4504e+02	-4.8303e+01
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	6.4520e+01	-8.6028e+01	7.7802e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	5.5355e+01	1.1358e+02	1.0501e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	4.5141e+00	1.7107e+02	-4.2716e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	1.2554e+02	3.9503e+02	-7.8756e+00
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	1.7044e+01	-1.6564e+02	1.7716e+01
	789	0.0000e+00	0.0000e+00	0.0000e+00	3.7641e+01	2.1769e+01	2.2405e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	-9.0985e+00	7.8377e+01	1.7730e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	7.0178e+01	2.7499e+02	1.3163e+01
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-3.2572e+01	-2.5262e+02	1.8895e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	2.2562e+01	-6.6276e+01	2.3062e+01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-2.4413e+01	-1.1691e+01	2.3678e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	2.2782e+01	1.7314e+02	1.9308e+01
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-8.3426e+01	-3.5097e+02	1.1550e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	2.0434e+01	-1.5052e+02	1.1142e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	-4.0064e+01	-9.9025e+01	1.8221e+01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-2.8244e+01	8.5129e+01	1.6690e+01
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-1.4116e+02	-4.7169e+02	-3.0510e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	5.2122e+01	-2.1187e+02	-3.9323e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-4.4189e+01	-1.9002e+02	-1.1570e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-7.9834e+01	1.3854e+01	-1.1758e+01
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-9.9326e+01	-6.6187e+02	-1.8012e+02
	343	0.0000e+00	0.0000e+00	0.0000e+00	1.4202e+02	-2.6719e+01	-2.6624e+02
	783	0.0000e+00	0.0000e+00	0.0000e+00	4.9664e+01	-2.9688e+02	-9.6429e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-1.3889e+02	1.1468e+01	-2.2196e+01
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	-4.8753e+01	1.4096e+03	1.7464e+02
	782	0.0000e+00	0.0000e+00	0.0000e+00	5.1003e+02	1.0398e+03	-1.1277e+02
	22	0.0000e+00	0.0000e+00	0.0000e+00	2.9862e+02	2.8020e+03	4.8251e+02
	773	0.0000e+00	0.0000e+00	0.0000e+00	-2.5924e+02	1.1874e+03	7.3916e+02
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	1.8194e+02	8.0740e+02	-3.0305e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	2.6250e+02	7.9817e+02	4.2480e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	3.4316e+02	1.1167e+03	5.0515e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	1.3623e+02	1.1009e+03	3.8256e+01
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	1.3405e+02	5.6670e+02	-3.1316e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	1.6493e+02	5.7669e+02	3.1516e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	2.1592e+02	7.4959e+02	3.8138e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	1.5648e+02	7.5825e+02	-3.6868e+01

1825	769	0.0000e+00	0.0000e+00	0.0000e+00	7.4681e+01	3.9055e+02	-3.2903e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	8.5594e+01	4.0024e+02	1.7160e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	1.2974e+02	5.3155e+02	2.5133e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	1.0498e+02	5.3436e+02	-3.3970e+01
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	1.9404e+01	2.3514e+02	-4.0474e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	1.8673e+01	2.4698e+02	2.7488e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	5.5460e+01	3.6144e+02	1.2641e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	4.7144e+01	3.6012e+02	-3.5599e+01
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	-5.7329e+01	8.5109e+01	-5.7255e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-7.7013e+01	1.0099e+02	-1.3987e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	-2.8286e+01	2.1144e+02	3.6595e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-2.3269e+01	2.0810e+02	-4.5732e+01
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	-1.3114e+02	-1.0817e+02	-8.6357e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-1.8383e+02	-6.8417e+01	-3.5499e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-1.1303e+02	6.7250e+01	-1.6022e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	-8.9553e+01	6.5345e+01	-6.5358e+01
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	-2.0936e+02	-3.6585e+02	-1.3077e+02
	775	0.0000e+00	0.0000e+00	0.0000e+00	-3.4383e+02	-2.9556e+02	-6.9963e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-2.3409e+02	-1.1274e+02	-3.7340e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-1.7209e+02	-1.2176e+02	-9.3756e+01
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	-2.1229e+02	-8.5689e+02	-1.6984e+02
	774	0.0000e+00	0.0000e+00	0.0000e+00	-6.7793e+02	-7.8871e+02	-1.2824e+02
	775	0.0000e+00	0.0000e+00	0.0000e+00	-4.2561e+02	-3.3728e+02	-7.0094e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-2.5667e+02	-4.0962e+02	-1.0413e+02
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	8.2984e+02	-4.5309e+02	1.4322e+03
	21	0.0000e+00	0.0000e+00	0.0000e+00	-8.8902e+02	-4.3157e+03	9.1427e+02
	774	0.0000e+00	0.0000e+00	0.0000e+00	-1.0719e+03	-4.6663e+02	-4.1841e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	3.7456e+02	-1.5242e+03	1.4775e+02
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	-6.3279e+01	8.6894e+02	1.7570e+02
	772	0.0000e+00	0.0000e+00	0.0000e+00	5.0149e+01	1.1657e+03	2.2670e+02
	773	0.0000e+00	0.0000e+00	0.0000e+00	9.5331e+01	1.0184e+03	4.8394e+02
	763	0.0000e+00	0.0000e+00	0.0000e+00	9.5729e+01	7.4970e+02	4.3192e+02
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	2.2773e+01	7.6140e+02	4.1990e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	1.2478e+02	8.2647e+02	-4.8285e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	2.2735e+01	1.0112e+03	7.9808e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	2.4722e+01	8.3070e+02	1.4530e+02
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	4.8499e+01	5.6144e+02	-4.5989e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	1.0424e+02	5.8204e+02	-5.7486e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	9.9778e+01	7.2253e+02	-4.0297e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	3.1879e+01	6.9451e+02	-3.3097e+01
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	4.5582e+01	3.8307e+02	-6.9866e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	6.5255e+01	3.9902e+02	-6.0121e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	8.3247e+01	5.1653e+02	-5.3364e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	4.4988e+01	5.1445e+02	-6.3153e+01
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	2.8550e+01	2.2318e+02	-8.5576e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	2.3861e+01	2.4164e+02	-6.8611e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	4.4878e+01	3.4693e+02	-6.0196e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	3.2603e+01	3.4671e+02	-7.7403e+01
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	2.3414e+01	7.3175e+01	-1.0046e+02
	767	0.0000e+00	0.0000e+00	0.0000e+00	-3.7972e+01	9.4364e+01	-8.5592e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-1.8115e+01	1.9276e+02	-7.2017e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	1.7625e+01	1.9061e+02	-8.7385e+01
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	4.2152e+01	-1.1840e+02	-1.1046e+02
	766	0.0000e+00	0.0000e+00	0.0000e+00	-7.7302e+01	-8.8344e+01	-1.1080e+02
	767	0.0000e+00	0.0000e+00	0.0000e+00	-5.6275e+01	4.7882e+01	-9.4142e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	-2.5725e+01	4.9057e+01	-9.4202e+01
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	1.1045e+02	-3.0256e+02	-8.1709e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-9.3685e+01	-3.0678e+02	-1.2883e+02
	766	0.0000e+00	0.0000e+00	0.0000e+00	-9.5290e+01	-1.7220e+02	-1.3056e+02
	756	0.0000e+00	0.0000e+00	0.0000e+00	5.4894e+01	-1.7265e+02	-8.2651e+01
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	1.7137e+02	-3.9394e+02	1.6086e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	2.5063e+02	-6.8281e+02	-1.6073e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-1.1314e+02	-4.8922e+02	-1.7364e+02

	755	0.0000e+00	0.0000e+00	0.0000e+00	1.8766e+02	-3.9588e+02	-2.2756e+01
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	1.6785e+02	-1.3059e+02	4.4310e+02
	665	0.0000e+00	0.0000e+00	0.0000e+00	-1.5645e+02	-1.7738e+02	6.3576e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	2.2484e+02	-9.7280e+02	3.5564e+02
	754	0.0000e+00	0.0000e+00	0.0000e+00	2.3684e+02	-4.0380e+02	1.6377e+02
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	4.4877e+01	6.2656e+02	1.6079e+02
	762	0.0000e+00	0.0000e+00	0.0000e+00	3.9696e+01	7.8567e+02	2.2424e+02
	763	0.0000e+00	0.0000e+00	0.0000e+00	6.7057e+01	6.6285e+02	3.5192e+02
	753	0.0000e+00	0.0000e+00	0.0000e+00	1.4909e+02	5.3988e+02	2.8681e+02
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	3.8616e+01	6.2979e+02	5.4682e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	4.2033e+01	7.0157e+02	4.5211e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	3.5647e+01	7.8974e+02	1.3755e+02
	752	0.0000e+00	0.0000e+00	0.0000e+00	3.9453e+01	6.4287e+02	1.4582e+02
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	3.1031e+01	5.1285e+02	-4.8488e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	5.0550e+01	5.4731e+02	-5.9930e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	2.8982e+01	6.6885e+02	-3.0420e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	3.6732e+01	5.9414e+02	3.9945e+01
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	3.3492e+01	3.6468e+02	-7.7705e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	4.4540e+01	3.8372e+02	-8.6273e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	3.6790e+01	4.9692e+02	-6.6867e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	3.0848e+01	4.7028e+02	-5.9853e+01
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	3.8947e+01	2.1580e+02	-9.3213e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	3.4384e+01	2.2861e+02	-9.9117e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	3.1904e+01	3.3330e+02	-8.9524e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	3.0514e+01	3.2481e+02	-8.4127e+01
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	5.2731e+01	7.7590e+01	-9.5412e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	3.4310e+01	8.1735e+01	-1.0606e+02
	758	0.0000e+00	0.0000e+00	0.0000e+00	2.4248e+01	1.7929e+02	-1.0298e+02
	748	0.0000e+00	0.0000e+00	0.0000e+00	3.6554e+01	1.7791e+02	-9.2559e+01
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	8.1377e+01	-8.3034e+01	-7.4443e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	5.7082e+01	-1.0448e+02	-9.7986e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	2.9144e+01	4.6182e+01	-1.1061e+02
	747	0.0000e+00	0.0000e+00	0.0000e+00	5.7728e+01	4.9504e+01	-8.6332e+01
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	1.1739e+02	-1.7936e+02	3.0771e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.1189e+02	-2.7927e+02	-4.0291e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	5.2918e+01	-1.5401e+02	-9.4892e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	9.9411e+01	-1.2668e+02	-5.6051e+01
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	1.2004e+02	-1.8063e+02	1.5108e+02
	754	0.0000e+00	0.0000e+00	0.0000e+00	1.4431e+02	-3.5672e+02	1.3830e+02
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.0780e+02	-2.9538e+02	2.9907e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	1.3608e+02	-2.1084e+02	3.8746e+01
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	5.2944e+01	-2.8311e+01	2.3679e+02
	654	0.0000e+00	0.0000e+00	0.0000e+00	-5.7227e+01	-6.6731e+01	3.4989e+02
	754	0.0000e+00	0.0000e+00	0.0000e+00	1.4637e+02	-2.9611e+02	2.6498e+02
	744	0.0000e+00	0.0000e+00	0.0000e+00	9.7655e+01	-1.4568e+02	1.5228e+02
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	8.2456e+01	4.9818e+02	1.1561e+02
	752	0.0000e+00	0.0000e+00	0.0000e+00	7.3686e+01	5.9275e+02	1.7009e+02
	753	0.0000e+00	0.0000e+00	0.0000e+00	8.9859e+01	4.9034e+02	2.4126e+02
	743	0.0000e+00	0.0000e+00	0.0000e+00	1.7256e+02	4.2331e+02	1.8338e+02
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	6.1699e+01	5.2626e+02	5.4200e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	4.9910e+01	5.8735e+02	6.0198e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	6.7444e+01	6.0995e+02	1.2034e+02
	742	0.0000e+00	0.0000e+00	0.0000e+00	7.2414e+01	5.2354e+02	1.0573e+02
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	5.0560e+01	4.5579e+02	-5.4732e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	4.3291e+01	4.9121e+02	-5.2248e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	4.2383e+01	5.7202e+02	-3.9680e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	5.9436e+01	5.1010e+02	4.9136e+01
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	4.5336e+01	3.4068e+02	-7.5097e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	4.1586e+01	3.5798e+02	-8.3992e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	3.5432e+01	4.5620e+02	-6.4185e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	4.8171e+01	4.2370e+02	-5.8438e+01
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	5.0434e+01	2.1231e+02	-8.4355e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	4.5615e+01	2.1723e+02	-9.7495e+01

	749	0.0000e+00	0.0000e+00	0.0000e+00	3.3283e+01	3.1607e+02	-9.0015e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	4.3727e+01	3.0357e+02	-7.7643e+01
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	6.5939e+01	9.2396e+01	-7.8569e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	5.9390e+01	8.3703e+01	-9.4665e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	3.8663e+01	1.7509e+02	-9.9226e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	5.1313e+01	1.7527e+02	-8.2803e+01
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	8.5317e+01	-4.5835e+01	-5.4573e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	8.3759e+01	-7.3456e+01	-6.9538e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	5.4262e+01	5.3604e+01	-9.0815e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	7.1085e+01	6.2433e+01	-7.2680e+01
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	9.4164e+01	-9.2054e+01	4.0248e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	1.0400e+02	-1.5930e+02	-3.0926e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	7.9141e+01	-9.8484e+01	-5.3676e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	9.2627e+01	-6.5942e+01	-4.6777e+01
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	7.0494e+01	-7.9902e+01	9.1951e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	8.3089e+01	-1.4918e+02	1.1270e+02
	745	0.0000e+00	0.0000e+00	0.0000e+00	9.9121e+01	-1.6353e+02	5.6329e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	9.3607e+01	-9.9064e+01	4.0570e+01
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	1.4110e+01	1.3386e+01	1.2078e+02
	643	0.0000e+00	0.0000e+00	0.0000e+00	-2.7317e+01	2.0798e+01	1.9183e+02
	744	0.0000e+00	0.0000e+00	0.0000e+00	7.9683e+01	-1.1908e+02	1.6207e+02
	734	0.0000e+00	0.0000e+00	0.0000e+00	4.9508e+01	-5.2061e+01	9.1986e+01
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	1.1117e+02	4.2694e+02	7.6930e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	1.0418e+02	4.7907e+02	1.1519e+02
	743	0.0000e+00	0.0000e+00	0.0000e+00	1.2794e+02	3.9430e+02	1.5217e+02
	733	0.0000e+00	0.0000e+00	0.0000e+00	1.7633e+02	3.5236e+02	1.0541e+02
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	8.6687e+01	4.6182e+02	-5.8611e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	7.4104e+01	5.0133e+02	5.7588e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	9.6416e+01	5.0103e+02	8.4820e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	1.0246e+02	4.5231e+02	7.1407e+01
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	7.3071e+01	4.1451e+02	-6.5920e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	6.0846e+01	4.3937e+02	-5.7250e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	6.6753e+01	4.9407e+02	-4.9551e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	8.3049e+01	4.5508e+02	-5.8236e+01
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	6.4804e+01	3.2180e+02	-7.5046e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	5.4409e+01	3.3319e+02	-7.7553e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	5.4809e+01	4.1406e+02	-6.5670e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	6.9824e+01	3.9043e+02	-6.5769e+01
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	6.4002e+01	2.1187e+02	-7.7279e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	5.6671e+01	2.1170e+02	-8.6226e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	4.8249e+01	2.9938e+02	-8.2649e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	6.2250e+01	2.8972e+02	-7.4456e+01
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	7.1231e+01	1.0831e+02	-7.0450e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	6.7866e+01	9.6653e+01	-8.0028e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	5.1345e+01	1.7722e+02	-8.5933e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	6.3359e+01	1.7893e+02	-7.5431e+01
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	7.8616e+01	4.3452e+01	-5.5574e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	8.0590e+01	-4.3305e+01	-5.8471e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	6.3550e+01	7.0768e+01	-7.3580e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	7.2410e+01	8.1798e+01	-6.7408e+01
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	7.3574e+01	-5.0074e+01	-4.2911e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	7.9740e+01	-7.9477e+01	-3.7495e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	7.5956e+01	-5.2234e+01	-4.7086e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	7.8624e+01	4.1576e+01	-5.1917e+01
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	4.5684e+01	-4.0234e+01	4.7969e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	4.9286e+01	-6.3327e+01	6.7873e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	7.3716e+01	-7.9677e+01	4.7019e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	6.7321e+01	-5.0303e+01	-3.8684e+01
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.4691e+01	2.7161e+01	5.2052e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.7505e+01	2.2738e+01	9.8588e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	4.2429e+01	-4.5164e+01	8.7444e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	3.0952e+01	-2.6512e+01	4.4446e+01
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	1.2630e+02	3.9345e+02	-6.7619e+01

	732	0.0000e+00	0.0000e+00	0.0000e+00	1.2359e+02	4.1234e+02	7.5768e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	1.6288e+02	3.3745e+02	8.4117e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	1.6291e+02	3.1045e+02	-6.1751e+01
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	1.0484e+02	4.3108e+02	-7.4189e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	9.5515e+01	4.4985e+02	-6.1327e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	1.1533e+02	4.3862e+02	6.2099e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	1.2145e+02	4.1765e+02	-6.7417e+01
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	9.2275e+01	3.9448e+02	-7.8487e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	8.0888e+01	4.0573e+02	-6.8694e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	8.9107e+01	4.4561e+02	-6.3239e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	1.0136e+02	4.2916e+02	-7.2722e+01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	8.3208e+01	3.1311e+02	-7.9946e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	7.1905e+01	3.1735e+02	-7.7547e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	7.5713e+01	3.8520e+02	-7.3380e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	8.8914e+01	3.7500e+02	-7.6677e+01
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	7.8507e+01	2.1397e+02	-7.8020e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	6.9169e+01	2.1141e+02	-8.0014e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	6.6789e+01	2.8852e+02	-7.9908e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	7.9998e+01	2.8491e+02	-7.8073e+01
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	7.8663e+01	1.1976e+02	-7.2639e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	7.2687e+01	1.1129e+02	-7.4379e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	6.4580e+01	1.8181e+02	-7.8704e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	7.6070e+01	1.8460e+02	-7.6089e+01
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	7.8379e+01	5.6354e+01	-6.4302e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	7.5506e+01	4.7296e+01	-6.1536e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	6.8700e+01	8.8444e+01	-6.9347e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	7.6737e+01	9.6694e+01	-7.0721e+01
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	6.8380e+01	-4.7336e+01	-5.3347e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	6.6307e+01	-4.7221e+01	-4.5789e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	7.0857e+01	4.3839e+01	-5.4351e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	7.5162e+01	4.9758e+01	-6.2247e+01
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	4.3489e+01	-4.2842e+01	-3.9160e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	3.7723e+01	-3.7351e+01	3.7293e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	5.9443e+01	-4.7848e+01	-4.2223e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	6.1885e+01	-4.7257e+01	-5.0211e+01
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	-2.8934e+01	4.4317e+01	-2.2228e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-2.0924e+01	3.4322e+01	3.8196e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	2.9048e+01	-3.0350e+01	4.0149e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	3.5346e+01	3.9480e+01	-3.4081e+01
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	1.2744e+02	3.9249e+02	-9.0173e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	1.2973e+02	3.7933e+02	-6.8827e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	1.9022e+02	3.0773e+02	-6.1033e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	1.3303e+02	2.9290e+02	-8.3777e+01
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	1.1309e+02	4.2993e+02	-9.3396e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	1.0923e+02	4.2998e+02	-7.6200e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	1.2246e+02	4.1124e+02	-7.3206e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	1.2729e+02	4.1560e+02	-9.1311e+01
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	1.0407e+02	3.9437e+02	-8.9294e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	9.7042e+01	3.9303e+02	-8.1126e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	1.0488e+02	4.2571e+02	-8.0220e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	1.1090e+02	4.2974e+02	-8.8375e+01
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	9.6126e+01	3.1468e+02	-8.7144e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	8.7928e+01	3.1249e+02	-8.3023e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	9.2908e+01	3.7362e+02	-8.3336e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	1.0144e+02	3.7572e+02	-8.7153e+01
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	9.0609e+01	2.1864e+02	-8.3964e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	8.2355e+01	2.1445e+02	-8.1568e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	8.3612e+01	2.8558e+02	-8.3364e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	9.3157e+01	2.8750e+02	-8.5313e+01
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	8.8202e+01	1.2656e+02	-7.9415e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	8.0755e+01	1.2182e+02	-7.7009e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	7.8381e+01	1.8685e+02	-8.0103e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	8.7726e+01	1.9030e+02	-8.2009e+01

1888	706	0.0000e+00	0.0000e+00	0.0000e+00	8.6355e+01	6.3761e+01	-7.3794e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	7.8866e+01	6.0127e+01	-7.0012e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	7.7424e+01	9.9761e+01	-7.3806e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	8.5307e+01	1.0447e+02	-7.7504e+01
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	7.8402e+01	-5.9459e+01	-6.7892e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	6.8688e+01	5.0804e+01	-6.0457e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	7.5201e+01	5.3582e+01	-6.5098e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	8.2713e+01	5.9146e+01	-7.2604e+01
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	5.8858e+01	-6.1605e+01	-6.4476e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	4.5040e+01	4.7618e+01	-4.7114e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	6.2331e+01	-5.2483e+01	-5.3911e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	7.3548e+01	-6.2362e+01	-6.9046e+01
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	-4.8194e+01	6.4901e+01	-6.1007e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-3.1589e+01	5.0671e+01	-2.9289e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	3.6399e+01	4.6092e+01	-4.0046e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	5.4409e+01	6.0045e+01	-6.7368e+01
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	1.1552e+02	4.2871e+02	-1.2128e+02
	712	0.0000e+00	0.0000e+00	0.0000e+00	1.2232e+02	3.7834e+02	-8.9355e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	2.0654e+02	3.0304e+02	-1.0128e+02
	703	0.0000e+00	0.0000e+00	0.0000e+00	9.8345e+01	3.0514e+02	-1.3792e+02
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	1.0863e+02	4.5322e+02	-1.0615e+02
	711	0.0000e+00	0.0000e+00	0.0000e+00	1.1389e+02	4.4003e+02	-9.3349e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	1.1857e+02	4.1566e+02	-1.0272e+02
	702	0.0000e+00	0.0000e+00	0.0000e+00	1.1896e+02	4.5208e+02	-1.1712e+02
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	1.0296e+02	4.0667e+02	-9.6153e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	1.0568e+02	3.9895e+02	-9.1370e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	1.1183e+02	4.3143e+02	-9.5108e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	1.0804e+02	4.5407e+02	-9.9015e+01
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	9.7795e+01	3.2114e+02	-9.3661e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	9.7975e+01	3.1661e+02	-9.0055e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	1.0250e+02	3.7751e+02	-9.2224e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	1.0166e+02	3.8845e+02	-9.4995e+01
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	9.4611e+01	2.2380e+02	-8.9847e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	9.2401e+01	2.1943e+02	-8.6975e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	9.4444e+01	2.8978e+02	-8.9884e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	9.6104e+01	2.9620e+02	-9.2174e+01
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	9.4134e+01	1.3017e+02	-8.4436e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	8.9799e+01	1.2767e+02	-8.2446e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	8.9148e+01	1.9230e+02	-8.5950e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	9.2940e+01	1.9813e+02	-8.7599e+01
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	9.6248e+01	6.6544e+01	-7.8494e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	8.8673e+01	6.7083e+01	-7.7619e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	8.7520e+01	1.0473e+02	-8.0526e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	9.2583e+01	1.0994e+02	-8.1810e+01
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	9.8280e+01	-8.0999e+01	-7.6367e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	8.3629e+01	-6.5850e+01	-7.5313e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	8.7366e+01	6.0524e+01	-7.4517e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	9.4637e+01	6.6462e+01	-7.6783e+01
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	8.9045e+01	-9.7260e+01	-9.2698e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	6.6996e+01	-6.9858e+01	-7.9237e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	8.0006e+01	-7.0718e+01	-7.0461e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	9.6597e+01	-8.6683e+01	-8.2549e+01
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	-8.0634e+01	8.8092e+01	-1.1641e+02
	599	0.0000e+00	0.0000e+00	0.0000e+00	5.0310e+01	7.1978e+01	-7.6147e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	5.7414e+01	6.8748e+01	-7.3180e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	8.8614e+01	-9.1033e+01	-1.1058e+02
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	8.8823e+01	5.4307e+02	-1.3714e+02
	702	0.0000e+00	0.0000e+00	0.0000e+00	1.0848e+02	4.2373e+02	-1.0815e+02
	703	0.0000e+00	0.0000e+00	0.0000e+00	2.0351e+02	3.3107e+02	-1.6510e+02
	693	0.0000e+00	0.0000e+00	0.0000e+00	-1.1023e+02	3.6487e+02	-1.9778e+02
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	7.9855e+01	5.1700e+02	-1.0458e+02
	701	0.0000e+00	0.0000e+00	0.0000e+00	1.0801e+02	4.7610e+02	-1.0275e+02
	702	0.0000e+00	0.0000e+00	0.0000e+00	1.0616e+02	4.5723e+02	-1.2401e+02



	691	0.0000e+00	0.0000e+00	0.0000e+00	9.2158e+01	5.0378e+02	-1.2315e+02
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	7.8202e+01	4.4275e+02	-9.8656e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	1.0033e+02	4.1442e+02	-9.7021e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	1.0388e+02	4.5877e+02	-1.0153e+02
	689	0.0000e+00	0.0000e+00	0.0000e+00	8.1005e+01	4.6352e+02	-1.0175e+02
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	7.8844e+01	3.4809e+02	-9.5575e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	9.5030e+01	3.2376e+02	-9.4842e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	9.7130e+01	3.9153e+02	-9.8353e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	7.8682e+01	3.8150e+02	-9.8740e+01
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	8.2516e+01	2.4968e+02	-8.9350e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	9.2249e+01	2.2480e+02	-9.0403e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	9.2728e+01	2.9888e+02	-9.5457e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	7.9581e+01	2.8601e+02	-9.4224e+01
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	9.0031e+01	1.5475e+02	-8.0901e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	9.2635e+01	1.3128e+02	-8.4164e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	9.1161e+01	2.0011e+02	-9.0068e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	8.4138e+01	1.8826e+02	-8.6641e+01
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	1.0251e+02	8.0092e+01	-7.1734e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	9.6867e+01	7.1284e+01	-7.7678e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	9.3447e+01	1.0922e+02	-8.3060e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	9.3037e+01	1.0191e+02	-7.7089e+01
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	1.2152e+02	-8.6264e+01	-6.6233e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	1.0369e+02	-9.1102e+01	-7.6213e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	1.0078e+02	6.6254e+01	-7.6166e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.0705e+02	-8.4770e+01	-6.7441e+01
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	1.4053e+02	-1.3393e+02	-9.4925e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	1.0439e+02	-1.1083e+02	-1.0519e+02
	695	0.0000e+00	0.0000e+00	0.0000e+00	1.1177e+02	-1.0272e+02	-7.6221e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	1.2669e+02	-1.5554e+02	-6.7911e+01
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	1.5105e+02	1.2131e+02	-1.8341e+02
	588	0.0000e+00	0.0000e+00	0.0000e+00	8.7429e+01	9.9865e+01	-1.3465e+02
	694	0.0000e+00	0.0000e+00	0.0000e+00	9.7780e+01	-1.1000e+02	-1.0143e+02
	675	0.0000e+00	0.0000e+00	0.0000e+00	1.5090e+02	-2.0273e+02	-1.4648e+02
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	6.0833e+01	3.9146e+02	-1.1119e+02
	691	0.0000e+00	0.0000e+00	0.0000e+00	-8.1255e+01	5.6370e+02	-1.3456e+02
	693	0.0000e+00	0.0000e+00	0.0000e+00	1.4532e+02	4.2196e+02	-2.7068e+02
	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.4406e+02	9.2300e+02	-2.2141e+02
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	3.7947e+01	3.4146e+02	-1.0490e+02
	689	0.0000e+00	0.0000e+00	0.0000e+00	6.2861e+01	5.2391e+02	-1.1121e+02
	691	0.0000e+00	0.0000e+00	0.0000e+00	-9.8996e+01	5.3252e+02	-1.3130e+02
	692	0.0000e+00	0.0000e+00	0.0000e+00	7.0719e+01	7.9495e+02	-1.2052e+02
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	2.1340e+01	2.5842e+02	-9.6484e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	6.7651e+01	4.3255e+02	-1.0261e+02
	689	0.0000e+00	0.0000e+00	0.0000e+00	7.0769e+01	4.8439e+02	-1.0783e+02
	690	0.0000e+00	0.0000e+00	0.0000e+00	4.4421e+01	6.9671e+02	-1.0110e+02
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	2.7440e+01	1.6865e+02	-8.8935e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	7.0129e+01	3.3722e+02	-9.9920e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	6.6557e+01	3.9607e+02	-1.0486e+02
	688	0.0000e+00	0.0000e+00	0.0000e+00	2.8792e+01	6.0309e+02	-9.3787e+01
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	-4.8389e+01	1.0772e+02	-8.0020e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	7.5082e+01	2.3926e+02	-9.4095e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	-7.0898e+01	2.9886e+02	-1.0076e+02
	686	0.0000e+00	0.0000e+00	0.0000e+00	3.2403e+01	5.0792e+02	-8.6703e+01
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	-7.6706e+01	-1.3794e+02	-6.9596e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	8.4511e+01	1.4503e+02	-8.5134e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-8.1551e+01	2.0102e+02	-9.3315e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	5.1609e+01	4.1147e+02	-7.7739e+01
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.1563e+02	-2.3071e+02	-5.9902e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	1.0093e+02	8.0679e+01	-7.5471e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	-9.8637e+01	1.1192e+02	-8.3826e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-7.9945e+01	3.1581e+02	-6.7484e+01
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	-1.7311e+02	-3.4672e+02	-5.9095e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	1.2826e+02	-1.1669e+02	-7.2340e+01

	679	0.0000e+00	0.0000e+00	0.0000e+00	-1.2340e+02	7.6502e+01	-7.6608e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.2091e+02	2.2426e+02	-5.9630e+01
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	-2.6201e+02	-4.9030e+02	-8.7166e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	1.8033e+02	-1.8659e+02	-1.0382e+02
	677	0.0000e+00	0.0000e+00	0.0000e+00	-1.5723e+02	-1.4699e+02	-8.6767e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-1.8293e+02	1.4632e+02	-6.4001e+01
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	-4.6500e+02	-7.1814e+02	-2.2723e+02
	577	0.0000e+00	0.0000e+00	0.0000e+00	1.6637e+02	1.4757e+02	-3.0289e+02
	675	0.0000e+00	0.0000e+00	0.0000e+00	2.0818e+02	-2.6252e+02	-1.4987e+02
	676	0.0000e+00	0.0000e+00	0.0000e+00	-2.8329e+02	1.1906e+02	-8.5823e+01
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	-2.3252e+02	1.6474e+03	1.4234e+02
	674	0.0000e+00	0.0000e+00	0.0000e+00	1.0461e+03	2.1147e+02	-3.1767e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	1.2796e+03	4.5096e+03	9.5873e+02
	665	0.0000e+00	0.0000e+00	0.0000e+00	-8.7230e+02	6.3715e+02	1.3613e+03
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	3.0935e+02	3.9111e+02	-1.4055e+02
	673	0.0000e+00	0.0000e+00	0.0000e+00	4.5998e+02	3.8414e+02	-5.7601e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	6.3556e+02	8.2362e+02	-9.0302e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	3.9304e+02	8.7587e+02	-1.7249e+02
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	1.9201e+02	1.8786e+02	-1.0877e+02
	672	0.0000e+00	0.0000e+00	0.0000e+00	2.4065e+02	1.8250e+02	-3.4104e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	3.6827e+02	3.4395e+02	-6.0344e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	2.4817e+02	3.9081e+02	-1.3642e+02
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	9.9033e+01	8.3371e+01	-8.8659e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	1.1394e+02	8.3830e+01	-2.7825e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	1.9238e+02	1.6574e+02	-4.0485e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	1.4936e+02	1.8682e+02	-9.9594e+01
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	3.5514e+01	1.3775e+01	-8.3044e+01
	670	0.0000e+00	0.0000e+00	0.0000e+00	3.3223e+01	1.7319e+01	-3.0101e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	8.2455e+01	7.3839e+01	-3.2416e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	6.9835e+01	8.1512e+01	-8.4230e+01
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	-6.7908e+01	-6.3666e+01	-9.1083e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	-8.5510e+01	-4.9870e+01	-3.6337e+01
	670	0.0000e+00	0.0000e+00	0.0000e+00	-3.3708e+01	9.3763e+00	-2.9863e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-3.4844e+01	1.1985e+01	-8.4555e+01
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	-1.4962e+02	-1.7922e+02	-1.1614e+02
	668	0.0000e+00	0.0000e+00	0.0000e+00	-2.0419e+02	-1.4922e+02	-4.8689e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	-1.1867e+02	-6.1382e+01	-3.0433e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-9.8869e+01	-6.5909e+01	-9.8567e+01
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	-2.4961e+02	-4.0486e+02	-1.6556e+02
	667	0.0000e+00	0.0000e+00	0.0000e+00	-3.9475e+02	-3.4304e+02	-7.4643e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-2.5574e+02	-1.7039e+02	-3.7327e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-1.9538e+02	-1.8142e+02	-1.2818e+02
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	-3.6045e+02	-9.3048e+02	-2.1517e+02
	666	0.0000e+00	0.0000e+00	0.0000e+00	-6.9209e+02	-8.5706e+02	-1.1008e+02
	667	0.0000e+00	0.0000e+00	0.0000e+00	-4.9170e+02	-3.9444e+02	-6.2930e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-3.1125e+02	-4.1195e+02	-1.6830e+02
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	8.8361e+02	-6.6191e+02	1.3974e+03
	20	0.0000e+00	0.0000e+00	0.0000e+00	-1.1089e+03	-4.6854e+03	9.2400e+02
	666	0.0000e+00	0.0000e+00	0.0000e+00	-1.1095e+03	-2.5291e+02	-3.8058e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	-1.6106e+02	-1.7339e+03	1.1766e+02
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	-2.6334e+02	5.2928e+02	9.7890e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	-1.4100e+02	1.1912e+03	2.6378e+02
	665	0.0000e+00	0.0000e+00	0.0000e+00	1.6442e+02	2.8093e+02	6.0086e+02
	654	0.0000e+00	0.0000e+00	0.0000e+00	-9.8017e+01	2.6757e+02	4.3431e+02
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	-1.2947e+02	4.4680e+02	-5.8974e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	1.6168e+02	4.9978e+02	-2.0612e+02
	664	0.0000e+00	0.0000e+00	0.0000e+00	-1.8313e+02	6.9119e+02	-7.4888e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-1.4177e+02	4.8293e+02	7.8351e+01
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	5.6071e+01	2.3280e+02	-1.1526e+02
	662	0.0000e+00	0.0000e+00	0.0000e+00	1.2814e+02	2.3007e+02	-1.4129e+02
	663	0.0000e+00	0.0000e+00	0.0000e+00	1.3836e+02	3.4177e+02	-1.5127e+02
	652	0.0000e+00	0.0000e+00	0.0000e+00	-7.1345e+01	3.5917e+02	-1.2568e+02
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	4.9009e+01	1.0201e+02	-1.2393e+02

	661	0.0000e+00	0.0000e+00	0.0000e+00	7.6756e+01	1.0228e+02	-1.1212e+02
	662	0.0000e+00	0.0000e+00	0.0000e+00	1.1026e+02	1.6882e+02	-1.2621e+02
	651	0.0000e+00	0.0000e+00	0.0000e+00	5.1637e+01	1.9712e+02	-1.3798e+02
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	3.5760e+01	1.5964e+01	-1.2654e+02
	660	0.0000e+00	0.0000e+00	0.0000e+00	3.5532e+01	2.3374e+01	-1.0545e+02
	661	0.0000e+00	0.0000e+00	0.0000e+00	6.1735e+01	7.0924e+01	-1.0833e+02
	650	0.0000e+00	0.0000e+00	0.0000e+00	4.0929e+01	8.6747e+01	-1.2935e+02
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	-3.2838e+01	-7.8190e+01	-1.3772e+02
	659	0.0000e+00	0.0000e+00	0.0000e+00	-5.5678e+01	-5.4759e+01	-1.1674e+02
	660	0.0000e+00	0.0000e+00	0.0000e+00	-3.3739e+01	-9.4377e+00	-1.0654e+02
	649	0.0000e+00	0.0000e+00	0.0000e+00	-3.2834e+01	1.0694e+01	-1.2752e+02
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	-3.6974e+01	-1.9865e+02	-1.5570e+02
	658	0.0000e+00	0.0000e+00	0.0000e+00	-1.0275e+02	-1.6173e+02	-1.4479e+02
	659	0.0000e+00	0.0000e+00	0.0000e+00	-7.0502e+01	-8.8653e+01	-1.2299e+02
	648	0.0000e+00	0.0000e+00	0.0000e+00	-3.7389e+01	-9.5006e+01	-1.3391e+02
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	7.0393e+01	-3.7811e+02	-1.5003e+02
	657	0.0000e+00	0.0000e+00	0.0000e+00	-1.2209e+02	-3.5404e+02	-1.8014e+02
	658	0.0000e+00	0.0000e+00	0.0000e+00	-1.2102e+02	-2.2943e+02	-1.6347e+02
	647	0.0000e+00	0.0000e+00	0.0000e+00	-4.0030e+01	-2.3855e+02	-1.3321e+02
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	1.5729e+02	-5.1728e+02	5.9722e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	1.8627e+02	-7.4010e+02	-1.0197e+02
	657	0.0000e+00	0.0000e+00	0.0000e+00	-1.4766e+02	-5.2466e+02	-2.3935e+02
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.4261e+02	-4.7516e+02	-8.0484e+01
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	1.1124e+02	-2.9731e+02	4.2640e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	-1.2572e+02	-3.0622e+02	5.9886e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	1.1769e+02	-1.2471e+03	2.5187e+02
	645	0.0000e+00	0.0000e+00	0.0000e+00	2.9045e+02	-5.6482e+02	7.9807e+01
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.1529e+02	2.4284e+02	1.2103e+02
	653	0.0000e+00	0.0000e+00	0.0000e+00	-1.3567e+02	4.0639e+02	2.2176e+02
	654	0.0000e+00	0.0000e+00	0.0000e+00	5.8178e+01	1.8147e+02	3.3390e+02
	643	0.0000e+00	0.0000e+00	0.0000e+00	-5.8314e+01	1.1902e+02	2.3329e+02
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.3073e+02	2.9709e+02	-1.7396e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-8.4915e+01	3.6646e+02	-4.3689e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-1.3617e+02	4.4464e+02	8.3930e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-1.2736e+02	2.7221e+02	1.1292e+02
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	-7.8292e+01	2.0908e+02	-8.4639e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-4.7836e+01	2.2826e+02	-1.2917e+02
	652	0.0000e+00	0.0000e+00	0.0000e+00	-9.0912e+01	3.3151e+02	-8.2895e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.0123e+02	2.5748e+02	-4.0533e+01
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	-3.8526e+01	1.0448e+02	-1.1195e+02
	650	0.0000e+00	0.0000e+00	0.0000e+00	-3.9261e+01	1.1172e+02	-1.3589e+02
	651	0.0000e+00	0.0000e+00	0.0000e+00	-4.6449e+01	1.8042e+02	-1.2773e+02
	640	0.0000e+00	0.0000e+00	0.0000e+00	-5.9681e+01	1.7090e+02	-1.0400e+02
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	3.0189e+01	1.6076e+01	-1.2213e+02
	649	0.0000e+00	0.0000e+00	0.0000e+00	-3.3788e+01	2.4075e+01	-1.3506e+02
	650	0.0000e+00	0.0000e+00	0.0000e+00	-3.6736e+01	7.4673e+01	-1.3288e+02
	639	0.0000e+00	0.0000e+00	0.0000e+00	-3.3904e+01	7.8568e+01	-1.2000e+02
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	4.5446e+01	-7.8016e+01	-1.2657e+02
	648	0.0000e+00	0.0000e+00	0.0000e+00	3.2882e+01	-6.7854e+01	-1.4055e+02
	649	0.0000e+00	0.0000e+00	0.0000e+00	-3.2226e+01	-1.6492e+01	-1.3651e+02
	638	0.0000e+00	0.0000e+00	0.0000e+00	3.0565e+01	-1.3628e+01	-1.2254e+02
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	7.9391e+01	-1.7863e+02	-1.1637e+02
	647	0.0000e+00	0.0000e+00	0.0000e+00	4.6136e+01	-1.8292e+02	-1.4369e+02
	648	0.0000e+00	0.0000e+00	0.0000e+00	-3.2157e+01	-1.0745e+02	-1.4645e+02
	637	0.0000e+00	0.0000e+00	0.0000e+00	5.1803e+01	-1.0598e+02	-1.1909e+02
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	1.2912e+02	-2.7718e+02	-5.3311e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.0565e+02	-3.5035e+02	-1.0343e+02
	647	0.0000e+00	0.0000e+00	0.0000e+00	4.3056e+01	-2.3577e+02	-1.4754e+02
	636	0.0000e+00	0.0000e+00	0.0000e+00	1.0125e+02	-2.2108e+02	-9.6970e+01
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	1.6229e+02	-3.0188e+02	9.8285e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	1.6029e+02	-4.7756e+02	6.4824e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	9.6448e+01	-3.9110e+02	-6.0882e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	1.6247e+02	-3.2167e+02	-2.7080e+01

1951	633	0.0000e+00	0.0000e+00	0.0000e+00	9.2628e+01	-1.5007e+02	2.1894e+02
	644	0.0000e+00	0.0000e+00	0.0000e+00	-3.9423e+01	-2.0870e+02	3.2131e+02
	645	0.0000e+00	0.0000e+00	0.0000e+00	1.5876e+02	-4.3933e+02	2.0854e+02
	634	0.0000e+00	0.0000e+00	0.0000e+00	1.5092e+02	-2.7288e+02	1.0617e+02
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	-7.9373e+01	1.3349e+02	7.5923e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-9.8586e+01	2.0848e+02	1.4031e+02
	643	0.0000e+00	0.0000e+00	0.0000e+00	-2.6794e+01	8.4226e+01	1.8395e+02
	632	0.0000e+00	0.0000e+00	0.0000e+00	-3.5407e+01	7.0337e+01	1.1980e+02
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	-1.0950e+02	1.8769e+02	1.3456e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.0270e+02	2.4978e+02	2.0127e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-9.9886e+01	2.3770e+02	8.1038e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-9.6130e+01	1.6429e+02	7.3373e+01
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	-8.5993e+01	1.5837e+02	-5.0647e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	-6.8530e+01	1.8803e+02	-7.7056e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	-1.0587e+02	2.3572e+02	-3.5222e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-9.9633e+01	1.7749e+02	-1.6106e+01
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	-4.3594e+01	9.0299e+01	-7.7042e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-3.6523e+01	1.0212e+02	-1.0964e+02
	640	0.0000e+00	0.0000e+00	0.0000e+00	-6.7849e+01	1.5771e+02	-9.1686e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-7.0362e+01	1.3263e+02	-5.9551e+01
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	2.2031e+01	1.3359e+01	-8.7140e+01
	638	0.0000e+00	0.0000e+00	0.0000e+00	2.7866e+01	1.9432e+01	-1.1839e+02
	639	0.0000e+00	0.0000e+00	0.0000e+00	-3.3930e+01	6.9462e+01	-1.1295e+02
	628	0.0000e+00	0.0000e+00	0.0000e+00	-3.2350e+01	6.3108e+01	-8.1853e+01
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	5.8637e+01	-6.8002e+01	-8.5505e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	5.1936e+01	-7.0276e+01	-1.1805e+02
	638	0.0000e+00	0.0000e+00	0.0000e+00	2.9178e+01	-1.8430e+01	-1.1961e+02
	627	0.0000e+00	0.0000e+00	0.0000e+00	2.8790e+01	-1.6119e+01	-8.7113e+01
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	1.0323e+02	-1.4428e+02	-6.5723e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	9.3968e+01	-1.6636e+02	-1.0199e+02
	637	0.0000e+00	0.0000e+00	0.0000e+00	5.4929e+01	-1.0512e+02	-1.1693e+02
	626	0.0000e+00	0.0000e+00	0.0000e+00	7.2268e+01	-9.7164e+01	-8.0617e+01
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	1.3872e+02	-1.9864e+02	-1.6129e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	1.3908e+02	-2.5560e+02	-4.6558e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	9.4713e+01	-2.0047e+02	-8.8351e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	1.2086e+02	-1.7347e+02	-5.6800e+01
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	1.4110e+02	-1.9394e+02	6.2242e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	1.3788e+02	-2.6644e+02	6.5956e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	1.3613e+02	-2.7362e+02	-9.3161e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	1.5056e+02	-2.1230e+02	-8.6633e+00
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	8.3851e+01	-1.0409e+02	1.0675e+02
	633	0.0000e+00	0.0000e+00	0.0000e+00	5.5292e+01	-1.1439e+02	1.6904e+02
	634	0.0000e+00	0.0000e+00	0.0000e+00	1.3726e+02	-2.3918e+02	1.2689e+02
	623	0.0000e+00	0.0000e+00	0.0000e+00	1.2535e+02	-1.6471e+02	6.4589e+01
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	-6.3842e+01	9.2497e+01	3.4166e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-7.4706e+01	1.2161e+02	7.8170e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-2.2469e+01	5.6989e+01	9.4818e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-3.1030e+01	5.5668e+01	5.1570e+01
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	-8.9586e+01	1.3293e+02	1.1069e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-9.3356e+01	1.6504e+02	2.2468e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-7.8387e+01	1.4559e+02	5.0998e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-7.6625e+01	1.1507e+02	3.7005e+01
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	-7.7270e+01	1.2221e+02	-2.3875e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-7.4435e+01	1.4247e+02	-3.8273e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-9.4336e+01	1.6359e+02	-1.6850e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-8.7542e+01	1.3194e+02	1.3965e+01
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	-4.0477e+01	7.5010e+01	-3.6395e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	-3.8106e+01	8.4364e+01	-6.6513e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-7.0934e+01	1.2393e+02	-5.3231e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-6.6918e+01	1.0501e+02	-2.4624e+01
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	1.6171e+01	1.0732e+01	-4.0582e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	2.0727e+01	1.3473e+01	-7.6804e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	-3.1946e+01	5.7931e+01	-7.2544e+01

	617	0.0000e+00	0.0000e+00	0.0000e+00	-2.8407e+01	5.0568e+01	-3.6815e+01
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	6.1340e+01	-5.8246e+01	-3.7091e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	6.1797e+01	-6.3677e+01	-7.4660e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	2.6106e+01	-1.7347e+01	-7.7617e+01
	616	0.0000e+00	0.0000e+00	0.0000e+00	2.6929e+01	-1.6699e+01	-4.0199e+01
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	1.0480e+02	-1.1884e+02	-2.3833e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	1.0654e+02	-1.3624e+02	-5.7606e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	6.8937e+01	-9.1986e+01	-7.0009e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	7.4909e+01	-8.4518e+01	-3.6068e+01
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	1.3101e+02	-1.5454e+02	6.3377e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	1.3572e+02	-1.8501e+02	-1.9012e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	1.1091e+02	-1.5796e+02	-4.2924e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	1.1644e+02	-1.3915e+02	-2.3289e+01
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	1.2592e+02	-1.4570e+02	3.1307e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	1.2522e+02	-1.7506e+02	4.0828e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	1.3588e+02	-1.8991e+02	1.1965e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	1.3439e+02	-1.5884e+02	-5.2352e+00
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	8.3977e+01	-8.8559e+01	4.2693e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	7.2334e+01	-9.0184e+01	8.2934e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	1.2286e+02	-1.5354e+02	6.8147e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	1.1425e+02	-1.2524e+02	2.7915e+01
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	-6.2145e+01	8.7924e+01	-5.8065e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	-6.3275e+01	9.0591e+01	3.2226e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-2.7980e+01	5.3311e+01	3.5450e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-3.5529e+01	6.1084e+01	-1.5131e+01
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	-8.0992e+01	1.1882e+02	7.7362e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	-8.3501e+01	1.2543e+02	1.6649e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-6.9261e+01	1.0829e+02	2.0111e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-6.9371e+01	1.0524e+02	7.1516e+00
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	-7.0238e+01	1.0991e+02	1.1721e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-7.1374e+01	1.1534e+02	-1.4171e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-8.3484e+01	1.2609e+02	1.1519e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-8.0689e+01	1.1944e+02	1.4490e+01
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	-3.8282e+01	6.8798e+01	1.1368e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-3.7032e+01	7.1312e+01	-2.3978e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-6.5779e+01	1.0136e+02	-2.1676e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-6.3481e+01	9.5823e+01	1.5644e+01
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	1.8922e+01	1.1346e+01	9.7990e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	1.6901e+01	1.0048e+01	-2.8436e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-2.8506e+01	4.8918e+01	-2.8248e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-2.8976e+01	4.6240e+01	1.3043e+01
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	5.9356e+01	-5.4200e+01	1.0223e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	6.1915e+01	-5.6978e+01	-2.6882e+01
	616	0.0000e+00	0.0000e+00	0.0000e+00	2.5240e+01	-1.6242e+01	-2.8791e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	2.7049e+01	-1.7163e+01	9.8822e+00
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	9.8818e+01	-1.0999e+02	1.2744e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	1.0379e+02	-1.1556e+02	-1.9148e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	7.1457e+01	-8.1060e+01	-2.3057e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	6.9917e+01	-7.8583e+01	8.2386e+00
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	1.2115e+02	-1.4262e+02	1.3424e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	1.2688e+02	-1.4898e+02	-6.5772e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	1.1055e+02	-1.3254e+02	-1.0224e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	1.0623e+02	-1.2725e+02	7.5651e+00
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	1.1500e+02	-1.3601e+02	7.8884e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	1.1842e+02	-1.3894e+02	1.6012e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	1.2850e+02	-1.5172e+02	1.1995e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	1.2203e+02	-1.4548e+02	5.2394e+00
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	8.0101e+01	-8.8512e+01	-4.5741e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	8.0535e+01	-8.4588e+01	2.6945e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	1.1404e+02	-1.2334e+02	2.7465e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	1.0796e+02	-1.2030e+02	-3.9182e+00
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	-7.3125e+01	1.1208e+02	-3.8967e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-6.3613e+01	9.2822e+01	-7.5104e+00

	610	0.0000e+00	0.0000e+00	0.0000e+00	-3.8553e+01	6.6049e+01	-2.4335e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-4.9244e+01	8.0450e+01	-5.3805e+01
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	-8.3683e+01	1.3865e+02	-6.2411e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	-8.2668e+01	1.2245e+02	1.0630e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-7.1512e+01	1.0829e+02	-8.9739e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	-7.5006e+01	1.2750e+02	-1.9504e+01
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	-6.9356e+01	1.2065e+02	2.9246e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-7.1255e+01	1.1153e+02	1.8680e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-8.0940e+01	1.2143e+02	1.0188e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-8.3156e+01	1.3625e+02	1.7808e+01
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	-4.2646e+01	7.3543e+01	4.5125e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-3.9770e+01	6.8723e+01	2.0617e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-6.3597e+01	9.7371e+01	1.6812e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-6.5097e+01	1.0424e+02	3.9739e+01
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	2.9447e+01	1.4873e+01	5.1500e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	2.1590e+01	1.0951e+01	2.0196e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-3.1014e+01	4.7669e+01	1.9219e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-3.7224e+01	4.9650e+01	4.9616e+01
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	5.5074e+01	-5.5719e+01	5.1737e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	5.8238e+01	-5.5693e+01	1.9258e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	2.8163e+01	-1.6153e+01	1.9827e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	3.2056e+01	-1.8483e+01	5.1981e+01
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	8.7765e+01	-1.1667e+02	4.4453e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	9.5957e+01	-1.1174e+02	1.6651e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	6.8519e+01	-7.8218e+01	2.0217e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	6.1133e+01	-8.1485e+01	4.8211e+01
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	1.0946e+02	-1.5856e+02	2.4361e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	1.1812e+02	-1.4493e+02	9.5038e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	1.0479e+02	-1.2879e+02	1.8983e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	9.1533e+01	-1.3660e+02	3.4712e+01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	1.0466e+02	-1.5817e+02	-1.2798e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	1.1381e+02	-1.3920e+02	-7.0640e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	1.2174e+02	-1.4940e+02	1.2216e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	1.0897e+02	-1.6506e+02	7.2664e+00
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	6.9565e+01	-1.0105e+02	-4.7705e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	8.0992e+01	-9.1741e+01	-1.7966e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	1.0767e+02	-1.2477e+02	-4.0076e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	1.0100e+02	-1.4398e+02	-3.3402e+01
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	-1.0029e+02	1.6584e+02	-7.6227e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-7.6864e+01	1.2458e+02	-3.8491e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-5.7679e+01	9.1832e+01	-7.1145e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	7.7925e+01	1.1825e+02	-1.0803e+02
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	-9.4068e+01	1.8455e+02	3.7149e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	-9.2403e+01	1.5349e+02	7.1079e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	-8.6481e+01	1.3974e+02	-3.4948e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-9.5635e+01	1.9037e+02	-3.8118e+01
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	-7.2129e+01	1.4423e+02	5.4421e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-7.5406e+01	1.2914e+02	3.7967e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-8.6678e+01	1.4573e+02	1.3713e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-9.2025e+01	1.8084e+02	2.8927e+01
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	-5.2424e+01	8.2308e+01	7.6049e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-4.7250e+01	7.5538e+01	5.3663e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-6.6351e+01	1.1098e+02	4.2792e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-6.8959e+01	1.2634e+02	6.4909e+01
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	4.3075e+01	1.6617e+01	8.3713e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	3.3335e+01	1.3715e+01	5.9592e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-4.0774e+01	5.4221e+01	5.5898e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-4.9354e+01	5.9466e+01	7.9900e+01
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	4.9452e+01	-6.2534e+01	8.3026e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	5.3107e+01	-6.0284e+01	5.8745e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	3.5170e+01	-1.6327e+01	5.9612e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	4.2176e+01	-1.7370e+01	8.3847e+01
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	6.6766e+01	-1.3547e+02	7.1732e+01

	592	0.0000e+00	0.0000e+00	0.0000e+00	8.2429e+01	-1.2370e+02	4.8729e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	6.0339e+01	-8.2643e+01	5.6492e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	5.0311e+01	-8.6809e+01	7.9534e+01
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	8.6991e+01	-2.0052e+02	3.9936e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	1.0522e+02	-1.6868e+02	2.2006e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	9.1594e+01	-1.4430e+02	4.3614e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	6.6878e+01	-1.5654e+02	6.1909e+01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	9.0049e+01	-2.2254e+02	-2.5431e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	1.0807e+02	-1.7131e+02	-2.6270e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	1.1223e+02	-1.8005e+02	1.4920e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	8.5162e+01	-2.0859e+02	1.5967e+01
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	5.6253e+01	-1.3677e+02	-9.9796e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	7.6141e+01	-1.1242e+02	-6.4858e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	1.0065e+02	-1.5686e+02	-3.0880e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	8.9900e+01	-2.0041e+02	-6.5843e+01
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	-1.5106e+02	3.3779e+02	-1.0019e+02
	587	0.0000e+00	0.0000e+00	0.0000e+00	-1.1818e+02	1.9807e+02	-5.6444e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	-9.2203e+01	1.3717e+02	-1.2844e+02
	577	0.0000e+00	0.0000e+00	0.0000e+00	1.4413e+02	1.4801e+02	-1.7198e+02
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	1.1059e+02	2.8350e+02	4.0729e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-1.1296e+02	2.1503e+02	1.8055e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-1.1357e+02	2.0915e+02	-4.4248e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	-1.3758e+02	2.5847e+02	-2.8218e+01
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	8.4415e+01	1.9702e+02	7.7475e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-8.0025e+01	1.5580e+02	6.0985e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-9.2748e+01	1.9587e+02	3.7799e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.0301e+02	2.0005e+02	5.4824e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	6.6780e+01	1.1365e+02	9.0926e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-5.7524e+01	8.3949e+01	8.1032e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-6.9033e+01	1.3675e+02	7.2635e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	7.7461e+01	1.2354e+02	8.2730e+01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	5.6359e+01	3.4981e+01	9.5672e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	4.6680e+01	1.3964e+01	8.8560e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	5.2529e+01	6.6081e+01	8.5761e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	6.2151e+01	4.6536e+01	9.2957e+01
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	5.2974e+01	-4.6508e+01	9.4490e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	4.7225e+01	-6.9332e+01	8.8375e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	4.6228e+01	-1.4119e+01	8.8706e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	5.4614e+01	-3.4378e+01	9.4833e+01
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	5.6551e+01	-1.2785e+02	8.5348e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	5.7228e+01	-1.4650e+02	7.8655e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	5.1186e+01	-8.7542e+01	8.3952e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-5.4530e+01	-1.1648e+02	9.0632e+01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	6.6396e+01	-2.1239e+02	5.9354e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	7.4424e+01	-2.1678e+02	4.8742e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	6.7090e+01	-1.6657e+02	6.7117e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-6.1352e+01	-2.0753e+02	7.7850e+01
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	8.0828e+01	-2.8288e+02	-1.1776e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	8.8766e+01	-2.4346e+02	-2.8680e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	9.5160e+01	-2.3766e+02	2.7395e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-7.2709e+01	-3.0738e+02	4.3634e+01
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	-9.3416e+01	-1.6422e+02	-1.6368e+02
	578	0.0000e+00	0.0000e+00	0.0000e+00	6.6941e+01	-1.5874e+02	-1.2104e+02
	579	0.0000e+00	0.0000e+00	0.0000e+00	1.0361e+02	-2.3594e+02	-4.3780e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	8.6945e+01	-3.8456e+02	-8.6383e+01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	2.7229e+02	8.2198e+01	-1.1123e+02
	575	0.0000e+00	0.0000e+00	0.0000e+00	2.0722e+02	4.1630e+02	-1.1739e+02
	577	0.0000e+00	0.0000e+00	0.0000e+00	-1.8061e+02	2.0289e+02	-2.9265e+02
	10	0.0000e+00	0.0000e+00	0.0000e+00	4.4052e+02	8.7102e+02	-2.0800e+02
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	1.8714e+02	5.7877e+01	-6.8972e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.4509e+02	2.8560e+02	-3.2375e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	1.6475e+02	3.1854e+02	-5.7770e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	2.6638e+02	6.2600e+02	-8.0848e+01

2014	572	0.0000e+00	0.0000e+00	0.0000e+00	1.2488e+02	-1.7430e+01	5.8047e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	1.1026e+02	1.8561e+02	4.7304e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	1.0730e+02	2.4066e+02	4.3724e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	1.8569e+02	4.6636e+02	5.9361e+01
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	8.2067e+01	-7.8195e+01	5.8339e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	8.3500e+01	9.8794e+01	5.9468e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	7.9832e+01	1.5159e+02	5.6278e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	1.2467e+02	3.4307e+02	5.7573e+01
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	6.6609e+01	-1.5645e+02	5.7965e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	6.5036e+01	1.7372e+01	6.3066e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	-6.6077e+01	6.7192e+01	6.2891e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	8.1761e+01	2.4329e+02	5.8733e+01
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	-8.7805e+01	-2.4919e+02	5.2001e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	5.6564e+01	-6.8515e+01	5.9358e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-6.6062e+01	-1.7215e+01	6.2913e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	6.4495e+01	1.5975e+02	5.5810e+01
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.3563e+02	-3.6236e+02	3.8542e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-6.0802e+01	-1.5824e+02	4.7396e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-7.9297e+01	-1.0115e+02	5.5651e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-8.4717e+01	8.6780e+01	4.6189e+01
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	-2.0539e+02	-5.0398e+02	2.3228e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-7.6638e+01	-2.5702e+02	2.3632e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-1.0313e+02	-1.9399e+02	3.7796e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.3351e+02	2.2926e+01	3.0160e+01
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	-3.0062e+02	-6.8920e+02	-5.7258e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	1.0135e+02	-3.5167e+02	-4.4917e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-1.3059e+02	-3.0267e+02	-9.7295e+00
	562	0.0000e+00	0.0000e+00	0.0000e+00	-2.0536e+02	-4.5519e+01	-3.0507e+01
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	-4.2969e+02	-9.8101e+02	-2.1632e+02
	558	0.0000e+00	0.0000e+00	0.0000e+00	1.4800e+02	-2.3308e+02	-2.8013e+02
	559	0.0000e+00	0.0000e+00	0.0000e+00	-1.3674e+02	-4.6060e+02	-1.1547e+02
	560	0.0000e+00	0.0000e+00	0.0000e+00	-3.0579e+02	-6.0568e+01	-7.5241e+01
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	1.3325e+02	1.7307e+03	1.2326e+02
	557	0.0000e+00	0.0000e+00	0.0000e+00	1.1376e+03	2.1125e+02	-3.1674e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	1.2545e+03	4.7241e+03	9.6048e+02
	548	0.0000e+00	0.0000e+00	0.0000e+00	-8.7299e+02	6.9892e+02	1.3847e+03
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	3.3156e+02	3.9706e+02	-1.6416e+02
	556	0.0000e+00	0.0000e+00	0.0000e+00	5.0492e+02	3.8541e+02	-4.3827e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	7.0667e+02	8.5874e+02	-8.2167e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	4.0004e+02	9.2399e+02	-2.0344e+02
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	2.0439e+02	1.7088e+02	-1.2366e+02
	555	0.0000e+00	0.0000e+00	0.0000e+00	2.6197e+02	1.6228e+02	-2.8052e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	4.0444e+02	3.3935e+02	-5.9809e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	2.6492e+02	3.9491e+02	-1.5631e+02
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	1.0125e+02	5.5514e+01	-9.6702e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	1.2067e+02	5.3322e+01	-2.7004e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	2.0864e+02	1.4298e+02	-4.1673e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	1.5635e+02	1.6912e+02	-1.1102e+02
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	2.1415e+01	-2.0747e+01	-8.5429e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	2.1470e+01	-1.7376e+01	-2.9786e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	8.5554e+01	4.2343e+01	-3.4079e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	6.7287e+01	5.3306e+01	-8.9440e+01
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	-5.6002e+01	-9.1493e+01	-8.7911e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-7.3604e+01	-8.1117e+01	-3.4177e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	-1.3070e+01	-2.5111e+01	-3.0703e+01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.3963e+01	-2.2343e+01	-8.4363e+01
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	-1.3571e+02	-1.9562e+02	-1.0646e+02
	551	0.0000e+00	0.0000e+00	0.0000e+00	-1.8666e+02	-1.7037e+02	-4.2619e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-1.0605e+02	-9.1010e+01	-2.8879e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-8.7446e+01	-9.2843e+01	-9.2814e+01
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	-2.2573e+02	-3.9660e+02	-1.4731e+02
	550	0.0000e+00	0.0000e+00	0.0000e+00	-3.6059e+02	-3.4282e+02	-6.1412e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-2.3384e+02	-1.8777e+02	-3.0044e+01



	541	0.0000e+00	0.0000e+00	0.0000e+00	-1.7792e+02	-1.9597e+02	-1.1598e+02
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	-3.1852e+02	-8.7289e+02	-1.8753e+02
	549	0.0000e+00	0.0000e+00	0.0000e+00	-6.2589e+02	-8.1078e+02	-8.3337e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-4.4875e+02	-3.8662e+02	-4.5663e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-2.8064e+02	-3.9889e+02	-1.4989e+02
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	8.7829e+02	-5.7085e+02	1.3566e+03
	18	0.0000e+00	0.0000e+00	0.0000e+00	-9.7075e+02	-4.4331e+03	9.0133e+02
	549	0.0000e+00	0.0000e+00	0.0000e+00	-1.0195e+03	-2.0490e+02	-3.2847e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	5.3402e+01	-1.6347e+03	1.2964e+02
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	-2.6967e+02	5.7296e+02	7.3293e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-7.3830e+01	1.2564e+03	2.4442e+02
	548	0.0000e+00	0.0000e+00	0.0000e+00	1.4335e+02	3.2738e+02	5.9617e+02
	537	0.0000e+00	0.0000e+00	0.0000e+00	-8.9407e+01	3.1196e+02	4.2450e+02
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	-1.1778e+02	4.6542e+02	-8.3858e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	1.6256e+02	5.1489e+02	-2.3643e+02
	547	0.0000e+00	0.0000e+00	0.0000e+00	-1.4857e+02	7.2994e+02	-1.0511e+02
	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.2975e+02	5.1890e+02	5.0168e+01
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	2.6883e+01	2.2689e+02	-1.3475e+02
	545	0.0000e+00	0.0000e+00	0.0000e+00	1.2878e+02	2.1824e+02	-1.5954e+02
	546	0.0000e+00	0.0000e+00	0.0000e+00	1.3414e+02	3.4376e+02	-1.7723e+02
	535	0.0000e+00	0.0000e+00	0.0000e+00	-4.7130e+01	3.7023e+02	-1.5256e+02
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	2.9165e+01	8.2561e+01	-1.3529e+02
	544	0.0000e+00	0.0000e+00	0.0000e+00	7.1268e+01	7.7319e+01	-1.2137e+02
	545	0.0000e+00	0.0000e+00	0.0000e+00	1.0841e+02	1.5124e+02	-1.4248e+02
	534	0.0000e+00	0.0000e+00	0.0000e+00	2.5423e+01	1.8784e+02	-1.5640e+02
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	1.3320e+01	-1.4593e+01	-1.2962e+02
	543	0.0000e+00	0.0000e+00	0.0000e+00	1.5860e+01	-1.0368e+01	-1.0735e+02
	544	0.0000e+00	0.0000e+00	0.0000e+00	5.3429e+01	4.3730e+01	-1.1639e+02
	533	0.0000e+00	0.0000e+00	0.0000e+00	1.8185e+01	6.6057e+01	-1.3864e+02
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	-1.4265e+01	-9.8686e+01	-1.3264e+02
	542	0.0000e+00	0.0000e+00	0.0000e+00	-4.4413e+01	-8.1396e+01	-1.1163e+02
	543	0.0000e+00	0.0000e+00	0.0000e+00	-1.1433e+01	-3.3105e+01	-1.0740e+02
	532	0.0000e+00	0.0000e+00	0.0000e+00	-1.2225e+01	-2.4614e+01	-1.2841e+02
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	-1.5380e+01	-2.0794e+02	-1.4253e+02
	541	0.0000e+00	0.0000e+00	0.0000e+00	-9.1623e+01	-1.7814e+02	-1.3212e+02
	542	0.0000e+00	0.0000e+00	0.0000e+00	-6.0355e+01	-1.1277e+02	-1.1659e+02
	531	0.0000e+00	0.0000e+00	0.0000e+00	-2.3773e+01	-1.1378e+02	-1.2700e+02
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	4.8189e+01	-3.6555e+02	-1.3029e+02
	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.0318e+02	-3.4825e+02	-1.5944e+02
	541	0.0000e+00	0.0000e+00	0.0000e+00	-1.0821e+02	-2.3922e+02	-1.4861e+02
	530	0.0000e+00	0.0000e+00	0.0000e+00	-1.3321e+01	-2.4339e+02	-1.1945e+02
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	1.3309e+02	-4.7653e+02	7.1831e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	1.7168e+02	-6.9212e+02	-7.9718e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.2612e+02	-5.0469e+02	-2.1478e+02
	529	0.0000e+00	0.0000e+00	0.0000e+00	1.2277e+02	-4.5259e+02	-6.3463e+01
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	1.2620e+02	-2.3753e+02	4.2074e+02
	538	0.0000e+00	0.0000e+00	0.0000e+00	-1.1898e+02	-2.3885e+02	5.8754e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	8.5026e+01	-1.1621e+03	2.6285e+02
	528	0.0000e+00	0.0000e+00	0.0000e+00	2.6620e+02	-5.1946e+02	9.6063e+01
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.4041e+02	2.7659e+02	1.0032e+02
	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.3739e+02	4.4515e+02	2.0178e+02
	537	0.0000e+00	0.0000e+00	0.0000e+00	3.0330e+01	2.1953e+02	3.1831e+02
	526	0.0000e+00	0.0000e+00	0.0000e+00	-8.1725e+01	1.5614e+02	2.1665e+02
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.4997e+02	3.1712e+02	-3.3747e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-7.5204e+01	3.8441e+02	-6.7147e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.4172e+02	4.7810e+02	5.7450e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.4984e+02	3.0256e+02	9.1050e+01
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	-8.8929e+01	2.1150e+02	-1.0213e+02
	534	0.0000e+00	0.0000e+00	0.0000e+00	-2.3205e+01	2.2528e+02	-1.5033e+02
	535	0.0000e+00	0.0000e+00	0.0000e+00	-8.6230e+01	3.4196e+02	-1.0806e+02
	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.1660e+02	2.7149e+02	-6.0344e+01
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	-3.8678e+01	9.4197e+01	-1.2289e+02
	533	0.0000e+00	0.0000e+00	0.0000e+00	-1.3877e+01	9.5286e+01	-1.4825e+02

	534	0.0000e+00	0.0000e+00	0.0000e+00	-2.7028e+01	1.7179e+02	-1.4644e+02
	523	0.0000e+00	0.0000e+00	0.0000e+00	-6.7444e+01	1.6904e+02	-1.2114e+02
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	-1.1175e+01	-7.0499e+00	-1.2536e+02
	532	0.0000e+00	0.0000e+00	0.0000e+00	-1.0380e+01	7.1864e+00	-1.3841e+02
	533	0.0000e+00	0.0000e+00	0.0000e+00	-1.3019e+01	5.5401e+01	-1.4280e+02
	522	0.0000e+00	0.0000e+00	0.0000e+00	-3.2016e+01	6.6255e+01	-1.2977e+02
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	2.0589e+01	-9.0883e+01	-1.2205e+02
	531	0.0000e+00	0.0000e+00	0.0000e+00	-9.1754e+00	-8.6677e+01	-1.3529e+02
	532	0.0000e+00	0.0000e+00	0.0000e+00	-1.0539e+01	-3.4672e+01	-1.3759e+02
	521	0.0000e+00	0.0000e+00	0.0000e+00	-9.3659e+00	-2.5884e+01	-1.2436e+02
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	5.5075e+01	-1.8196e+02	-1.0506e+02
	530	0.0000e+00	0.0000e+00	0.0000e+00	2.1544e+01	-1.9151e+02	-1.3057e+02
	531	0.0000e+00	0.0000e+00	0.0000e+00	-9.9315e+00	-1.2384e+02	-1.3896e+02
	520	0.0000e+00	0.0000e+00	0.0000e+00	2.7217e+01	-1.1674e+02	-1.1344e+02
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	1.0285e+02	-2.6382e+02	-3.8070e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	8.3135e+01	-3.3841e+02	-8.5117e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	1.6961e+01	-2.3870e+02	-1.3235e+02
	519	0.0000e+00	0.0000e+00	0.0000e+00	7.6603e+01	-2.1963e+02	-8.5254e+01
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	1.3196e+02	-2.6847e+02	1.0956e+02
	528	0.0000e+00	0.0000e+00	0.0000e+00	1.3912e+02	-4.3871e+02	7.8737e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	7.4269e+01	-3.7168e+02	-4.3001e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	1.3510e+02	-3.0102e+02	-1.2191e+01
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	7.3802e+01	-9.6848e+01	2.2871e+02
	527	0.0000e+00	0.0000e+00	0.0000e+00	-2.1366e+01	-1.5878e+02	3.2967e+02
	528	0.0000e+00	0.0000e+00	0.0000e+00	1.3684e+02	-3.9387e+02	2.1918e+02
	517	0.0000e+00	0.0000e+00	0.0000e+00	1.2252e+02	-2.3668e+02	1.1821e+02
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.2007e+02	1.6481e+02	5.9301e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.2681e+02	2.4117e+02	1.2120e+02
	526	0.0000e+00	0.0000e+00	0.0000e+00	-4.4551e+01	1.1854e+02	1.6585e+02
	515	0.0000e+00	0.0000e+00	0.0000e+00	-7.8167e+01	1.0552e+02	1.0362e+02
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.4479e+02	2.0840e+02	-1.6653e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.2535e+02	2.6927e+02	-1.4909e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-1.2854e+02	2.6639e+02	5.9359e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.3512e+02	1.9273e+02	5.6133e+01
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.1491e+02	1.6591e+02	-6.3754e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	-8.4543e+01	1.9176e+02	-9.4526e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	-1.2930e+02	2.4961e+02	-5.3942e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.3258e+02	1.9363e+02	-2.4556e+01
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	-6.6061e+01	8.7268e+01	-8.5766e+01
	522	0.0000e+00	0.0000e+00	0.0000e+00	-4.4388e+01	9.3975e+01	-1.2115e+02
	523	0.0000e+00	0.0000e+00	0.0000e+00	-8.4506e+01	1.5672e+02	-1.0767e+02
	512	0.0000e+00	0.0000e+00	0.0000e+00	-9.7288e+01	1.3623e+02	-7.2424e+01
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.8268e+01	5.8176e+00	-9.0140e+01
	521	0.0000e+00	0.0000e+00	0.0000e+00	-1.2409e+01	7.0360e+00	-1.2226e+02
	522	0.0000e+00	0.0000e+00	0.0000e+00	-4.1410e+01	5.8617e+01	-1.2210e+02
	511	0.0000e+00	0.0000e+00	0.0000e+00	-5.2126e+01	5.7876e+01	-9.0024e+01
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	2.8647e+01	-7.4415e+01	-8.2525e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	2.5163e+01	-8.1514e+01	-1.1424e+02
	521	0.0000e+00	0.0000e+00	0.0000e+00	-9.3649e+00	-3.0211e+01	-1.2105e+02
	510	0.0000e+00	0.0000e+00	0.0000e+00	-7.6145e+00	-2.3549e+01	-8.9355e+01
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	7.1993e+01	-1.4280e+02	-5.7465e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	6.6821e+01	-1.6868e+02	-9.1481e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	2.8474e+01	-1.1427e+02	-1.1092e+02
	509	0.0000e+00	0.0000e+00	0.0000e+00	4.2260e+01	-1.0155e+02	-7.6901e+01
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	1.0477e+02	-1.8378e+02	-3.6540e+00
	518	0.0000e+00	0.0000e+00	0.0000e+00	1.0921e+02	-2.4224e+02	-3.1650e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	6.7812e+01	-1.9834e+02	-7.6417e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	8.8973e+01	-1.6794e+02	-4.7991e+01
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	1.0439e+02	-1.6264e+02	7.3375e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	1.0724e+02	-2.3439e+02	7.8954e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	1.0696e+02	-2.5436e+02	1.1579e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	1.1597e+02	-1.9214e+02	5.9502e+00
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	5.0625e+01	-5.5878e+01	1.1714e+02

	516	0.0000e+00	0.0000e+00	0.0000e+00	1.8444e+01	-6.4311e+01	1.8037e+02
	517	0.0000e+00	0.0000e+00	0.0000e+00	1.0710e+02	-2.0226e+02	1.3935e+02
	506	0.0000e+00	0.0000e+00	0.0000e+00	8.9243e+01	-1.2922e+02	7.6107e+01
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.1234e+02	1.2260e+02	2.3629e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.1779e+02	1.5248e+02	6.2846e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-6.7014e+01	9.0397e+01	7.9342e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-8.1629e+01	8.6723e+01	3.9191e+01
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.3274e+02	1.5451e+02	-1.2798e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.3086e+02	1.8564e+02	1.1224e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-1.2082e+02	1.7320e+02	3.5190e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.2374e+02	1.4258e+02	2.6206e+01
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.1490e+02	1.3296e+02	-3.1545e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.0624e+02	1.5073e+02	-5.0533e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	-1.3142e+02	1.7986e+02	-2.7729e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.2906e+02	1.4967e+02	-1.2391e+01
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	-7.3276e+01	7.6795e+01	-4.2014e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	-6.4342e+01	8.2682e+01	-7.5447e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-1.0241e+02	1.2835e+02	-6.4735e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.0311e+02	1.1229e+02	-3.1740e+01
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	-2.3399e+01	7.8743e+00	-4.2971e+01
	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.8096e+01	7.0050e+00	-8.0472e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	-5.7308e+01	5.3930e+01	-7.9637e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-5.9498e+01	5.0281e+01	-4.2265e+01
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	2.6915e+01	-5.9623e+01	-3.5598e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	2.9735e+01	-6.8693e+01	-7.2554e+01
	510	0.0000e+00	0.0000e+00	0.0000e+00	-1.0289e+01	-2.3615e+01	-7.9215e+01
	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.0165e+01	-1.9309e+01	-4.2299e+01
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	6.8654e+01	-1.1327e+02	-1.8213e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	7.2885e+01	-1.3368e+02	-5.0132e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	3.6966e+01	-9.5211e+01	-6.6021e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	4.0309e+01	-8.4073e+01	-3.4090e+01
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	9.2307e+01	-1.3725e+02	1.0431e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	9.9313e+01	-1.6967e+02	-6.9765e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	7.7273e+01	-1.5180e+02	-3.4124e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	7.9867e+01	-1.3006e+02	-1.7028e+01
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	8.5113e+01	-1.1400e+02	4.1418e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	8.7129e+01	-1.4412e+02	5.2789e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	9.9813e+01	-1.6988e+02	2.1060e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	9.5383e+01	-1.3703e+02	9.7023e+00
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	4.4668e+01	-4.2231e+01	5.4053e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	3.1914e+01	-4.3297e+01	9.5013e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	8.5481e+01	-1.1797e+02	8.0059e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	7.3726e+01	-8.9326e+01	3.9084e+01
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	-1.0914e+02	1.1517e+02	-1.3978e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.1238e+02	1.1975e+02	2.3059e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-7.8566e+01	8.1693e+01	2.3732e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-8.0738e+01	8.3577e+01	-1.1913e+01
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	-1.2381e+02	1.4061e+02	-1.2105e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.2736e+02	1.4696e+02	1.0967e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.1737e+02	1.3520e+02	1.3439e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-1.1597e+02	1.3104e+02	1.0594e+01
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.0817e+02	1.2232e+02	9.0510e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.0993e+02	1.2654e+02	-1.9115e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.2639e+02	1.4400e+02	-1.5796e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-1.2265e+02	1.3788e+02	1.1178e+01
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	-7.1403e+01	7.3154e+01	6.5246e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	-7.1023e+01	7.3913e+01	-2.9244e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.0364e+02	1.0928e+02	-2.7431e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.0050e+02	1.0507e+02	9.6313e+00
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	-2.5736e+01	1.0538e+01	6.5984e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	-2.3218e+01	8.0383e+00	-3.1293e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-6.1605e+01	4.9529e+01	-3.2367e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-6.0444e+01	4.8624e+01	7.4089e+00

2077	487	0.0000e+00	0.0000e+00	0.0000e+00	2.3442e+01	-5.1812e+01	1.0148e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	2.6384e+01	-5.7174e+01	-2.6156e+01
	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.3196e+01	-1.7797e+01	-3.0087e+01
	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.4862e+01	-1.5645e+01	6.8602e+00
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	6.1336e+01	-1.0093e+02	1.5066e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	6.6436e+01	-1.0889e+02	-1.4146e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	3.5775e+01	-7.9655e+01	-2.0726e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	3.3884e+01	-7.4534e+01	8.5009e+00
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	8.1570e+01	-1.2220e+02	1.8345e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	8.7028e+01	-1.3080e+02	5.0883e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	7.3039e+01	-1.2265e+02	-3.6007e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	6.8657e+01	-1.1487e+02	1.0115e+01
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	7.3877e+01	-1.0166e+02	1.6530e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	7.6831e+01	-1.0663e+02	2.6697e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	8.8741e+01	-1.2935e+02	1.9876e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	8.2507e+01	-1.2076e+02	9.7457e+00
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	3.9907e+01	-4.0829e+01	9.3890e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	3.8434e+01	-3.8143e+01	4.0083e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	7.3121e+01	-8.6956e+01	3.8843e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	6.7273e+01	-8.1880e+01	8.0363e+00
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	-1.0592e+02	1.3600e+02	-4.1899e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-1.0917e+02	1.1857e+02	-1.4245e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-8.2157e+01	8.5529e+01	-2.3942e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-7.3337e+01	9.2250e+01	-5.3472e+01
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	-1.1424e+02	1.5996e+02	1.0958e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-1.2410e+02	1.4416e+02	1.0604e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-1.1604e+02	1.3352e+02	-1.7623e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-1.0916e+02	1.5135e+02	-2.3302e+01
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	-9.5885e+01	1.3323e+02	2.7709e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.0753e+02	1.2418e+02	1.3738e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-1.2102e+02	1.4005e+02	1.0601e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-1.1427e+02	1.5439e+02	1.7770e+01
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	-6.3022e+01	7.8558e+01	4.2993e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-7.0685e+01	7.3505e+01	1.5564e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-9.8874e+01	1.0712e+02	1.1908e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-9.1575e+01	1.1375e+02	3.7590e+01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	-2.5676e+01	1.4113e+01	4.9729e+01
	488	0.0000e+00	0.0000e+00	0.0000e+00	-2.6395e+01	1.0376e+01	1.7058e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-6.0099e+01	5.0714e+01	1.5040e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-5.5909e+01	5.2755e+01	4.7203e+01
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	2.0716e+01	-5.0805e+01	5.1057e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	2.2404e+01	-5.2276e+01	1.8714e+01
	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.6382e+01	-1.3751e+01	1.8039e+01
	477	0.0000e+00	0.0000e+00	0.0000e+00	-1.8875e+01	-1.4050e+01	5.0262e+01
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	5.2860e+01	-1.0482e+02	4.5492e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	5.8620e+01	-1.0149e+02	1.8645e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	3.2373e+01	-7.3332e+01	2.1085e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	2.6876e+01	-7.4911e+01	4.7932e+01
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	7.3419e+01	-1.3457e+02	2.7911e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	7.8845e+01	-1.2317e+02	1.3846e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	6.7291e+01	-1.1543e+02	2.2472e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	5.6958e+01	-1.2122e+02	3.6558e+01
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	6.7537e+01	-1.1897e+02	-3.5325e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	7.2971e+01	-1.0335e+02	4.3841e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	8.2384e+01	-1.2343e+02	1.8731e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	7.3386e+01	-1.3638e+02	1.1290e+01
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	3.1968e+01	-4.8086e+01	-3.2230e+01
	483	0.0000e+00	0.0000e+00	0.0000e+00	4.0782e+01	-4.2523e+01	-3.2296e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	6.7300e+01	-8.4933e+01	8.0874e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	6.4525e+01	-1.0035e+02	-2.1651e+01
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	-9.8154e+01	1.8903e+02	-7.4514e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-1.0591e+02	1.4741e+02	-3.9647e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-8.0788e+01	1.0172e+02	-7.0059e+01

	471	0.0000e+00	0.0000e+00	0.0000e+00	-5.7979e+01	1.2221e+02	-1.0534e+02
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	-9.1446e+01	2.0452e+02	1.0903e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-1.1838e+02	1.7491e+02	1.0870e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-1.1431e+02	1.6351e+02	-3.6518e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-9.7437e+01	2.1425e+02	-3.5620e+01
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	-6.8382e+01	1.5527e+02	5.5604e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-9.6500e+01	1.4166e+02	3.6646e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-1.1122e+02	1.6421e+02	1.5604e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-9.2796e+01	1.9776e+02	3.2502e+01
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	-4.4600e+01	8.6559e+01	7.5416e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-6.1712e+01	8.0686e+01	5.1429e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-8.6592e+01	1.2100e+02	4.1976e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-6.7548e+01	1.3470e+02	6.5743e+01
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	-2.3251e+01	1.5454e+01	8.2499e+01
	477	0.0000e+00	0.0000e+00	0.0000e+00	-2.6184e+01	1.2929e+01	5.7567e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-5.2989e+01	5.7994e+01	5.4469e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-4.2118e+01	6.2215e+01	7.9338e+01
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	1.7552e+01	-5.6095e+01	8.2275e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	1.9610e+01	-5.4404e+01	5.7828e+01
	477	0.0000e+00	0.0000e+00	0.0000e+00	-1.9384e+01	-1.1170e+01	5.8648e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-2.0960e+01	-1.1700e+01	8.3076e+01
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	3.5944e+01	-1.2124e+02	7.2323e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	4.8724e+01	-1.1042e+02	4.9659e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	2.6654e+01	-7.5349e+01	5.6896e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	1.8626e+01	-7.8942e+01	7.9559e+01
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	5.7304e+01	-1.7261e+02	4.2911e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	7.0868e+01	-1.4276e+02	2.5550e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	5.8225e+01	-1.2789e+02	4.6222e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	3.6375e+01	-1.3912e+02	6.3606e+01
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	5.9772e+01	-1.7589e+02	-1.6921e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	7.2333e+01	-1.2962e+02	-1.6258e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	7.8015e+01	-1.4944e+02	2.0775e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	5.5683e+01	-1.7626e+02	2.0234e+01
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	1.8450e+01	-7.4350e+01	-8.1801e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	4.1521e+01	-5.6208e+01	-4.7038e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	6.5117e+01	-1.1058e+02	-1.8907e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	5.9935e+01	-1.4830e+02	-5.3674e+01
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	-7.0993e+01	3.6898e+02	-9.4277e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-1.1332e+02	2.2266e+02	-5.2376e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-7.0971e+01	1.4087e+02	-1.2600e+02
	460	0.0000e+00	0.0000e+00	0.0000e+00	6.1500e+01	1.4217e+02	-1.6822e+02
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	4.3153e+01	3.0382e+02	4.0313e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-1.0260e+02	2.3499e+02	2.1070e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-9.6717e+01	2.3369e+02	-3.9589e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	-7.2112e+01	2.7976e+02	-1.9147e+01
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	3.1821e+01	2.0717e+02	7.6045e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-6.6861e+01	1.6646e+02	6.1552e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-7.7682e+01	2.1345e+02	4.1904e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	-4.2313e+01	2.1238e+02	5.6102e+01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	2.4051e+01	1.1759e+02	8.9442e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-4.1959e+01	8.8352e+01	8.0114e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-5.3367e+01	1.4578e+02	7.3747e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	2.9365e+01	1.2927e+02	8.3046e+01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	1.9594e+01	3.6516e+01	9.4770e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-2.4393e+01	1.3143e+01	8.7266e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-3.3937e+01	6.9710e+01	8.5536e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-2.3144e+01	4.9010e+01	9.3038e+01
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	-1.8589e+01	-4.0659e+01	9.4800e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	1.6456e+01	-6.1860e+01	8.7711e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-1.9611e+01	-8.0486e+00	8.8443e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-2.1192e+01	-2.9149e+01	9.5533e+01
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	-1.9644e+01	-1.1442e+02	8.7452e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	2.5649e+01	-1.3052e+02	7.9431e+01

	465	0.0000e+00	0.0000e+00	0.0000e+00	1.8965e+01	-7.8850e+01	8.4691e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-2.2745e+01	-1.0534e+02	9.2712e+01
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	2.0150e+01	-1.8571e+02	6.3834e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	4.4799e+01	-1.8641e+02	5.1711e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	3.6818e+01	-1.4802e+02	6.9789e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-2.5654e+01	-1.8457e+02	8.1924e+01
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	3.6699e+01	-2.3711e+02	-4.2421e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	5.9151e+01	-1.9337e+02	-2.0769e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	6.7663e+01	-2.0333e+02	3.3242e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-2.5123e+01	-2.6608e+02	5.0001e+01
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	-3.7373e+01	-8.7568e+01	-1.4225e+02
	461	0.0000e+00	0.0000e+00	0.0000e+00	3.7383e+01	-9.0134e+01	-9.9421e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	7.5569e+01	-1.7931e+02	-3.2655e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	3.1216e+01	-3.1443e+02	-7.5468e+01
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	2.4774e+02	6.4145e+01	-4.9268e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	8.5134e+01	4.5080e+02	-1.1303e+02
	460	0.0000e+00	0.0000e+00	0.0000e+00	-1.6313e+02	2.0108e+02	-2.8881e+02
	8	0.0000e+00	0.0000e+00	0.0000e+00	2.8396e+02	9.4136e+02	-1.9955e+02
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	1.6883e+02	5.0561e+01	2.4023e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	8.8616e+01	3.0291e+02	-8.6327e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	-7.1701e+01	3.4437e+02	-4.1822e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	2.5117e+02	6.6982e+02	-4.1566e+01
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	1.0551e+02	-1.4839e+01	3.5848e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	7.2210e+01	1.9483e+02	3.8340e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	4.2379e+01	2.5553e+02	2.4484e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	1.7287e+02	4.9254e+02	2.5202e+01
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	5.5331e+01	-7.8234e+01	5.0848e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	5.0847e+01	1.0341e+02	5.6203e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	2.9385e+01	1.5899e+02	4.8816e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	1.0995e+02	3.5544e+02	4.3943e+01
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	1.9628e+01	-1.4845e+02	5.8200e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	3.2335e+01	2.0783e+01	6.3557e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-2.5945e+01	7.1154e+01	6.0755e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	5.9895e+01	2.4513e+02	5.5535e+01
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	-4.1439e+01	-2.2728e+02	5.7399e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	1.9360e+01	-6.0115e+01	6.3468e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-3.4319e+01	-1.1807e+01	6.4786e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	2.1117e+01	1.5446e+02	5.8763e+01
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	-8.9209e+01	-3.2022e+02	4.7531e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-1.9318e+01	-1.4066e+02	5.5249e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-4.9594e+01	-8.9836e+01	6.1415e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-3.7259e+01	7.7912e+01	5.3687e+01
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	-1.5001e+02	-4.3456e+02	2.5629e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-2.7281e+01	-2.2442e+02	3.3583e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-6.8030e+01	-1.7146e+02	4.7502e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-8.6258e+01	1.2499e+01	3.9301e+01
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	-2.2559e+02	-5.8411e+02	-2.3056e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	2.9418e+01	-2.9659e+02	-2.3928e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-7.9775e+01	-2.6351e+02	1.1046e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	-1.4849e+02	-4.4780e+01	1.5061e+01
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.3646e+02	-8.2358e+02	-1.8241e+02
	441	0.0000e+00	0.0000e+00	0.0000e+00	1.3254e+02	-1.4144e+02	-2.5637e+02
	442	0.0000e+00	0.0000e+00	0.0000e+00	-4.0198e+01	-3.9113e+02	-8.9554e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	-2.2618e+02	-4.1601e+01	-2.2151e+01
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	-5.3607e+01	1.6347e+03	1.2963e+02
	440	0.0000e+00	0.0000e+00	0.0000e+00	1.0193e+03	2.0503e+02	-3.2866e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	9.7020e+02	4.4330e+03	9.0123e+02
	431	0.0000e+00	0.0000e+00	0.0000e+00	-8.7853e+02	5.7078e+02	1.3566e+03
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	2.8037e+02	3.9891e+02	-1.4990e+02
	439	0.0000e+00	0.0000e+00	0.0000e+00	4.4859e+02	3.8663e+02	-4.5724e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	6.2574e+02	8.1078e+02	-8.3426e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	3.1818e+02	8.7292e+02	-1.8757e+02
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	1.7766e+02	1.9596e+02	-1.1599e+02

	438	0.0000e+00	0.0000e+00	0.0000e+00	2.3368e+02	1.8775e+02	-3.0069e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	3.6043e+02	3.4280e+02	-6.1455e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.2546e+02	3.9661e+02	-1.4734e+02
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	8.7182e+01	9.2814e+01	-9.2826e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	1.0588e+02	9.0972e+01	-2.8887e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	1.8650e+02	1.7034e+02	-4.2638e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	1.3545e+02	1.9560e+02	-1.0649e+02
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	1.3613e+01	2.2315e+01	-8.4377e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	1.2862e+01	2.5066e+01	-3.0707e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	7.3426e+01	8.1075e+01	-3.4186e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	5.5722e+01	9.1461e+01	-8.7931e+01
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	-6.7523e+01	-5.3367e+01	-8.9458e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-8.5738e+01	-4.2408e+01	-3.4086e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	-2.1590e+01	1.7337e+01	-2.9795e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	-2.1540e+01	2.0721e+01	-8.5453e+01
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	-1.5664e+02	-1.6917e+02	-1.1104e+02
	434	0.0000e+00	0.0000e+00	0.0000e+00	-2.0886e+02	-1.4304e+02	-4.1687e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-1.2086e+02	-5.3383e+01	-2.7025e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	-1.0151e+02	-5.5574e+01	-9.6731e+01
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	-2.6526e+02	-3.9495e+02	-1.5633e+02
	433	0.0000e+00	0.0000e+00	0.0000e+00	-4.0469e+02	-3.3941e+02	-5.9828e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-2.6220e+02	-1.6234e+02	-2.8102e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	-2.0470e+02	-1.7093e+02	-1.2369e+02
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	-4.0051e+02	-9.2400e+02	-2.0346e+02
	432	0.0000e+00	0.0000e+00	0.0000e+00	-7.0695e+02	-8.5879e+02	-8.2193e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-5.0519e+02	-3.8544e+02	-4.3899e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	-3.3193e+02	-3.9707e+02	-1.6419e+02
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	8.7252e+02	-6.9906e+02	1.3846e+03
	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.2555e+03	-4.7242e+03	9.6058e+02
	432	0.0000e+00	0.0000e+00	0.0000e+00	-1.1379e+03	-2.1122e+02	-3.1668e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	-1.3342e+02	-1.7307e+03	1.2324e+02
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	-2.6659e+02	5.1945e+02	9.6083e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	-8.5317e+01	1.1621e+03	2.6287e+02
	431	0.0000e+00	0.0000e+00	0.0000e+00	1.1862e+02	2.3883e+02	5.8755e+02
	420	0.0000e+00	0.0000e+00	0.0000e+00	-1.2656e+02	2.3753e+02	4.2075e+02
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	-1.2313e+02	4.5260e+02	-6.3458e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	1.2580e+02	5.0470e+02	-2.1479e+02
	430	0.0000e+00	0.0000e+00	0.0000e+00	-1.7199e+02	6.9215e+02	-7.9719e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	-1.3346e+02	4.7653e+02	7.1853e+01
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	1.2778e+01	2.4338e+02	-1.1945e+02
	428	0.0000e+00	0.0000e+00	0.0000e+00	1.0791e+02	2.3920e+02	-1.4863e+02
	429	0.0000e+00	0.0000e+00	0.0000e+00	1.0286e+02	3.4825e+02	-1.5945e+02
	418	0.0000e+00	0.0000e+00	0.0000e+00	-4.8475e+01	3.6555e+02	-1.3029e+02
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	2.3232e+01	1.1374e+02	-1.2702e+02
	427	0.0000e+00	0.0000e+00	0.0000e+00	6.0034e+01	1.1274e+02	-1.1661e+02
	428	0.0000e+00	0.0000e+00	0.0000e+00	9.1316e+01	1.7812e+02	-1.3214e+02
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.4806e+01	2.0792e+02	-1.4255e+02
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	1.1593e+01	2.4590e+01	-1.2845e+02
	426	0.0000e+00	0.0000e+00	0.0000e+00	1.1041e+01	3.3067e+01	-1.0742e+02
	427	0.0000e+00	0.0000e+00	0.0000e+00	4.4074e+01	8.1359e+01	-1.1165e+02
	416	0.0000e+00	0.0000e+00	0.0000e+00	1.3659e+01	9.8650e+01	-1.3268e+02
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	-1.8129e+01	-6.6128e+01	-1.3869e+02
	425	0.0000e+00	0.0000e+00	0.0000e+00	-5.3670e+01	-4.3807e+01	-1.1642e+02
	426	0.0000e+00	0.0000e+00	0.0000e+00	-1.5882e+01	1.0382e+01	-1.0738e+02
	415	0.0000e+00	0.0000e+00	0.0000e+00	-1.3176e+01	1.4596e+01	-1.2967e+02
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	-2.5344e+01	-1.8790e+02	-1.5647e+02
	424	0.0000e+00	0.0000e+00	0.0000e+00	-1.0871e+02	-1.5131e+02	-1.4251e+02
	425	0.0000e+00	0.0000e+00	0.0000e+00	-7.1536e+01	-7.7384e+01	-1.2140e+02
	414	0.0000e+00	0.0000e+00	0.0000e+00	-2.9306e+01	-8.2627e+01	-1.3536e+02
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	4.6316e+01	-3.7028e+02	-1.5265e+02
	423	0.0000e+00	0.0000e+00	0.0000e+00	-1.3447e+02	-3.4381e+02	-1.7727e+02
	424	0.0000e+00	0.0000e+00	0.0000e+00	-1.2910e+02	-2.1829e+02	-1.5958e+02
	413	0.0000e+00	0.0000e+00	0.0000e+00	-2.6710e+01	-2.2694e+02	-1.3483e+02

2140	411	0.0000e+00	0.0000e+00	0.0000e+00	1.2894e+02	-5.1894e+02	5.0022e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	1.4796e+02	-7.2995e+02	-1.0516e+02
	423	0.0000e+00	0.0000e+00	0.0000e+00	-1.6293e+02	-5.1492e+02	-2.3648e+02
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.1703e+02	-4.6545e+02	-8.3951e+01
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	8.8493e+01	-3.1203e+02	4.2439e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	-1.4371e+02	-3.2748e+02	5.9609e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	7.3272e+01	-1.2565e+03	2.4433e+02
	411	0.0000e+00	0.0000e+00	0.0000e+00	2.6893e+02	-5.7302e+02	7.3150e+01
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	-1.2306e+02	2.3668e+02	1.1823e+02
	419	0.0000e+00	0.0000e+00	0.0000e+00	-1.3724e+02	3.9385e+02	2.1920e+02
	420	0.0000e+00	0.0000e+00	0.0000e+00	2.0754e+01	1.5877e+02	3.2967e+02
	409	0.0000e+00	0.0000e+00	0.0000e+00	-7.4321e+01	9.6860e+01	2.2871e+02
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	-1.3564e+02	3.0101e+02	-1.2182e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	-7.4635e+01	3.7167e+02	-4.2991e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	-1.3953e+02	4.3871e+02	7.8749e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	-1.3250e+02	2.6847e+02	1.0957e+02
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	-7.7101e+01	2.1960e+02	-8.5260e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	-1.7032e+01	2.3867e+02	-1.3236e+02
	418	0.0000e+00	0.0000e+00	0.0000e+00	-8.3511e+01	3.3840e+02	-8.5122e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	-1.0337e+02	2.6380e+02	-3.8074e+01
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	-2.7565e+01	1.1668e+02	-1.1347e+02
	416	0.0000e+00	0.0000e+00	0.0000e+00	9.2676e+00	1.2379e+02	-1.3898e+02
	417	0.0000e+00	0.0000e+00	0.0000e+00	-2.1717e+01	1.9148e+02	-1.3059e+02
	406	0.0000e+00	0.0000e+00	0.0000e+00	-5.5547e+01	1.8192e+02	-1.0508e+02
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	8.3146e+00	2.5839e+01	-1.2442e+02
	415	0.0000e+00	0.0000e+00	0.0000e+00	9.8438e+00	3.4628e+01	-1.3764e+02
	416	0.0000e+00	0.0000e+00	0.0000e+00	8.6293e+00	8.6630e+01	-1.3533e+02
	405	0.0000e+00	0.0000e+00	0.0000e+00	-2.0852e+01	9.0826e+01	-1.2211e+02
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	3.1100e+01	-6.6351e+01	-1.2987e+02
	414	0.0000e+00	0.0000e+00	0.0000e+00	1.2325e+01	-5.5496e+01	-1.4287e+02
	415	0.0000e+00	0.0000e+00	0.0000e+00	9.8170e+00	-7.3017e+00	-1.3847e+02
	404	0.0000e+00	0.0000e+00	0.0000e+00	1.0094e+01	7.1401e+00	-1.2545e+02
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	6.6540e+01	-1.6912e+02	-1.2126e+02
	413	0.0000e+00	0.0000e+00	0.0000e+00	2.6175e+01	-1.7187e+02	-1.4652e+02
	414	0.0000e+00	0.0000e+00	0.0000e+00	1.3347e+01	-9.5365e+01	-1.4833e+02
	403	0.0000e+00	0.0000e+00	0.0000e+00	3.7761e+01	-9.4284e+01	-1.2301e+02
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	1.1566e+02	-2.7155e+02	-6.0468e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	8.5421e+01	-3.4203e+02	-1.0815e+02
	413	0.0000e+00	0.0000e+00	0.0000e+00	2.2328e+01	-2.2535e+02	-1.5043e+02
	402	0.0000e+00	0.0000e+00	0.0000e+00	8.8029e+01	-2.1157e+02	-1.0227e+02
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	1.4883e+02	-3.0262e+02	9.0848e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.4088e+02	-4.7816e+02	5.7296e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	7.4335e+01	-3.8446e+02	-6.7251e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	1.4903e+02	-3.1717e+02	-3.3852e+01
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	8.0556e+01	-1.5619e+02	2.1648e+02
	410	0.0000e+00	0.0000e+00	0.0000e+00	-2.9841e+01	-2.1960e+02	3.1818e+02
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.3650e+02	-4.4521e+02	2.0163e+02
	400	0.0000e+00	0.0000e+00	0.0000e+00	1.3939e+02	-2.7664e+02	1.0012e+02
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	-9.0009e+01	1.2923e+02	7.6123e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	-1.0769e+02	2.0225e+02	1.3937e+02
	409	0.0000e+00	0.0000e+00	0.0000e+00	-1.8873e+01	6.4317e+01	1.8037e+02
	398	0.0000e+00	0.0000e+00	0.0000e+00	-5.1382e+01	5.5907e+01	1.1713e+02
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.1673e+02	1.9211e+02	5.9674e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	-1.0755e+02	2.5434e+02	1.1597e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	-1.0783e+02	2.3438e+02	7.8961e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-1.0516e+02	1.6265e+02	7.3382e+01
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	-8.9714e+01	1.6788e+02	-4.8000e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	-6.8362e+01	1.9829e+02	-7.6427e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	-1.0980e+02	2.4221e+02	-3.1656e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.0553e+02	1.8374e+02	-3.6725e+00
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	-4.2937e+01	1.0146e+02	-7.6950e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	-2.8898e+01	1.1419e+02	-1.1096e+02
	406	0.0000e+00	0.0000e+00	0.0000e+00	-6.7371e+01	1.6863e+02	-9.1509e+01



	395	0.0000e+00	0.0000e+00	0.0000e+00	-7.2724e+01	1.4273e+02	-5.7500e+01
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	6.0242e+00	2.3457e+01	-8.9453e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	8.1561e+00	3.0142e+01	-1.2113e+02
	405	0.0000e+00	0.0000e+00	0.0000e+00	-2.5558e+01	8.1439e+01	-1.1430e+02
	394	0.0000e+00	0.0000e+00	0.0000e+00	-2.9257e+01	7.4318e+01	-8.2605e+01
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	5.1072e+01	-5.8015e+01	-9.0170e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	4.0486e+01	-5.8743e+01	-1.2222e+02
	404	0.0000e+00	0.0000e+00	0.0000e+00	1.1245e+01	-7.2186e+00	-1.2236e+02
	393	0.0000e+00	0.0000e+00	0.0000e+00	1.7044e+01	-6.0253e+00	-9.0270e+01
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	9.6203e+01	-1.3635e+02	-7.2599e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	8.3578e+01	-1.5683e+02	-1.0781e+02
	403	0.0000e+00	0.0000e+00	0.0000e+00	4.3441e+01	-9.4082e+01	-1.2128e+02
	392	0.0000e+00	0.0000e+00	0.0000e+00	6.5009e+01	-8.7394e+01	-8.5940e+01
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	1.3141e+02	-1.9372e+02	-2.4633e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	1.2832e+02	-2.4969e+02	-5.4077e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	8.3577e+01	-1.9185e+02	-9.4682e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	1.1382e+02	-1.6601e+02	-6.3946e+01
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	1.3386e+02	-1.9278e+02	5.5822e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	1.2747e+02	-2.6646e+02	5.9123e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	1.2433e+02	-2.6933e+02	-1.4849e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	1.4362e+02	-2.0846e+02	-1.6638e+01
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	7.6747e+01	-1.0554e+02	1.0337e+02
	399	0.0000e+00	0.0000e+00	0.0000e+00	4.3117e+01	-1.1859e+02	1.6566e+02
	400	0.0000e+00	0.0000e+00	0.0000e+00	1.2569e+02	-2.4122e+02	1.2097e+02
	389	0.0000e+00	0.0000e+00	0.0000e+00	1.1879e+02	-1.6485e+02	5.8985e+01
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	-7.4771e+01	8.9349e+01	3.9103e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-8.6321e+01	1.1798e+02	8.0076e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-3.2730e+01	4.3318e+01	9.5003e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-4.5731e+01	4.2283e+01	5.4044e+01
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	-9.6408e+01	1.3699e+02	9.7245e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.0064e+02	1.6984e+02	2.1075e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-8.7966e+01	1.4411e+02	5.2794e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-8.6157e+01	1.1400e+02	4.1430e+01
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	-8.0876e+01	1.2996e+02	-1.7038e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-7.8080e+01	1.5172e+02	-3.4138e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	-1.0014e+02	1.6962e+02	-6.9863e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-9.3333e+01	1.3720e+02	1.0435e+01
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	-4.1293e+01	8.3917e+01	-3.4156e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-3.7709e+01	9.5091e+01	-6.6082e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-7.3689e+01	1.3358e+02	-5.0167e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-6.9661e+01	1.1315e+02	-1.8256e+01
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	8.9052e+00	1.9132e+01	-4.2429e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	8.8809e+00	2.3494e+01	-7.9331e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-3.0452e+01	6.8570e+01	-7.2637e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-2.7865e+01	5.9461e+01	-3.5700e+01
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	5.8302e+01	-5.0478e+01	-4.2446e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	5.6231e+01	-5.4103e+01	-7.9803e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	1.6874e+01	-7.2330e+00	-8.0609e+01
	382	0.0000e+00	0.0000e+00	0.0000e+00	2.2189e+01	-8.0963e+00	-4.3136e+01
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	1.0184e+02	-1.1246e+02	-3.1914e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	1.0129e+02	-1.2850e+02	-6.4928e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	6.3245e+01	-8.2834e+01	-7.5631e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	7.2066e+01	-7.6976e+01	-4.2222e+01
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	1.2769e+02	-1.4977e+02	-1.2154e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	1.3021e+02	-1.7997e+02	-2.7839e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	1.0508e+02	-1.5085e+02	-5.0726e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	1.1361e+02	-1.3310e+02	-3.1730e+01
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	1.2225e+02	-1.4262e+02	2.5694e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	1.1950e+02	-1.7327e+02	3.4816e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	1.2960e+02	-1.8572e+02	1.0786e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	1.3135e+02	-1.5459e+02	-1.2592e+01
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	8.0017e+01	-8.6711e+01	3.8794e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	6.5484e+01	-9.0430e+01	7.9058e+01

	389	0.0000e+00	0.0000e+00	0.0000e+00	1.1642e+02	-1.5252e+02	6.2501e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	1.1083e+02	-1.2262e+02	2.3105e+01
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	-6.8613e+01	8.1926e+01	8.0714e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	-7.4250e+01	8.6974e+01	3.8866e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-3.9585e+01	3.8189e+01	4.0066e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-4.1310e+01	4.0918e+01	9.3785e+00
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	-8.3809e+01	1.2071e+02	9.7876e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-8.9845e+01	1.2930e+02	1.9898e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-7.7953e+01	1.0663e+02	2.6708e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-7.5213e+01	1.0168e+02	1.6561e+01
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	-6.9946e+01	1.1471e+02	1.0116e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-7.4124e+01	1.2253e+02	-3.6216e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-8.8126e+01	1.3072e+02	5.0971e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-8.2873e+01	1.2211e+02	1.8365e+01
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	-3.5216e+01	7.4286e+01	8.4006e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	-3.6847e+01	7.9467e+01	-2.0803e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-6.7520e+01	1.0874e+02	-1.4185e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-6.2634e+01	1.0074e+02	1.5027e+01
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	1.4132e+01	1.5313e+01	6.5515e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	1.2115e+01	1.7579e+01	-3.0229e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-2.7456e+01	5.6975e+01	-2.6258e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-2.4795e+01	5.1548e+01	9.9859e+00
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	5.9211e+01	-4.8893e+01	6.8482e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	6.0409e+01	-4.9761e+01	-3.2553e+01
	382	0.0000e+00	0.0000e+00	0.0000e+00	2.2084e+01	-8.2726e+00	-3.1455e+01
	371	0.0000e+00	0.0000e+00	0.0000e+00	2.4699e+01	-1.0756e+01	6.1775e+00
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	9.9133e+01	-1.0530e+02	8.9082e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	1.0235e+02	-1.0948e+02	-2.7599e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	6.9798e+01	-7.4124e+01	-2.9432e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	7.0137e+01	-7.3409e+01	5.8814e+00
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	1.2116e+02	-1.3801e+02	1.0385e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	1.2499e+02	-1.4413e+02	-1.5722e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	1.0860e+02	-1.2670e+02	-1.9192e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	1.0679e+02	-1.2252e+02	8.4813e+00
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	1.1436e+02	-1.3106e+02	9.9532e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	1.1585e+02	-1.3525e+02	1.2790e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	1.2591e+02	-1.4705e+02	1.0325e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	1.2231e+02	-1.4070e+02	-1.1745e+01
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	7.9074e+01	-8.3498e+01	-1.1808e+01
	377	0.0000e+00	0.0000e+00	0.0000e+00	7.6899e+01	-8.1680e+01	2.3260e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	1.1080e+02	-1.1977e+02	2.2482e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	1.0752e+02	-1.1515e+02	-1.3856e+01
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	-6.6119e+01	1.0044e+02	-2.1605e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-6.8723e+01	8.4984e+01	8.1326e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	-4.2265e+01	4.2615e+01	-3.2304e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	-3.3741e+01	4.8240e+01	-3.2234e+01
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	-7.4919e+01	1.3631e+02	1.1368e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-8.3758e+01	1.2337e+02	1.8773e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-7.4374e+01	1.0336e+02	4.4257e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	-6.9130e+01	1.1901e+02	-3.4954e+00
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	-5.8498e+01	1.2098e+02	3.6575e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-6.8650e+01	1.1524e+02	2.2463e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-8.0209e+01	1.2306e+02	1.3875e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-7.4955e+01	1.3444e+02	2.7965e+01
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.8552e+01	7.4535e+01	4.7832e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-3.3799e+01	7.3046e+01	2.0975e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-5.9887e+01	1.0127e+02	1.8613e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-5.4415e+01	1.0454e+02	4.5465e+01
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	1.8648e+01	1.3473e+01	5.0008e+01
	371	0.0000e+00	0.0000e+00	0.0000e+00	1.5813e+01	1.3354e+01	1.7769e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-2.3879e+01	5.1964e+01	1.8566e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.2431e+01	5.0395e+01	5.0902e+01
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	5.4842e+01	-5.3113e+01	4.6766e+01

	370	0.0000e+00	0.0000e+00	0.0000e+00	5.8916e+01	-5.1018e+01	1.4536e+01
	371	0.0000e+00	0.0000e+00	0.0000e+00	2.5497e+01	-1.0588e+01	1.6733e+01
	360	0.0000e+00	0.0000e+00	0.0000e+00	2.5071e+01	-1.4337e+01	4.9410e+01
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	9.0323e+01	-1.1406e+02	3.6938e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	9.7546e+01	-1.0738e+02	1.1121e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	6.9456e+01	-7.3792e+01	1.5006e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	6.1912e+01	-7.8906e+01	4.2479e+01
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	1.1289e+02	-1.5457e+02	1.6769e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	1.1956e+02	-1.4020e+02	9.9172e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	1.0616e+02	-1.2439e+02	1.2938e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	9.4624e+01	-1.3349e+02	2.6934e+01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	1.0768e+02	-1.5132e+02	-2.3425e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	1.1446e+02	-1.3354e+02	-1.7588e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	1.2258e+02	-1.4426e+02	9.7278e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	1.1287e+02	-1.6006e+02	-1.0304e+01
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	7.1972e+01	-9.2042e+01	-5.3832e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	8.0499e+01	-8.5426e+01	-2.4125e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	1.0753e+02	-1.1852e+02	-1.4124e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	1.0447e+02	-1.3589e+02	-4.2244e+01
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	-6.1651e+01	1.4846e+02	-5.3580e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-6.6773e+01	1.1070e+02	-1.8850e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-4.3289e+01	5.6384e+01	-4.7056e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-2.0610e+01	7.4629e+01	-8.1788e+01
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	-5.7348e+01	1.7613e+02	2.0360e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-7.9580e+01	1.4936e+02	2.0848e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-7.3945e+01	1.2966e+02	-1.6188e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-6.1501e+01	1.7596e+02	-1.6793e+01
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	-3.8109e+01	1.3876e+02	6.3641e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-5.9795e+01	1.2762e+02	4.6225e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-7.2431e+01	1.4261e+02	2.5618e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-5.8965e+01	1.7242e+02	4.3011e+01
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	-2.0414e+01	7.8400e+01	7.9454e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.8380e+01	7.4932e+01	5.6778e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-5.0323e+01	1.1010e+02	4.9641e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-3.7682e+01	1.2083e+02	7.2317e+01
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	2.1257e+01	1.0765e+01	8.2801e+01
	360	0.0000e+00	0.0000e+00	0.0000e+00	1.9363e+01	1.0484e+01	5.8373e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.1378e+01	5.3945e+01	5.7677e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.9294e+01	5.5510e+01	8.2119e+01
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	4.1592e+01	-6.2689e+01	7.8877e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	5.2053e+01	-5.8387e+01	5.4012e+01
	360	0.0000e+00	0.0000e+00	0.0000e+00	2.5768e+01	-1.3117e+01	5.7253e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	2.3383e+01	-1.5671e+01	8.2169e+01
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	6.6791e+01	-1.3512e+02	6.5086e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	8.5461e+01	-1.2134e+02	4.1304e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	6.0720e+01	-8.1069e+01	5.0929e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	4.4065e+01	-8.7029e+01	7.4901e+01
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	9.1934e+01	-1.9799e+02	3.1559e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	1.0997e+02	-1.6439e+02	1.4487e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	9.5331e+01	-1.4195e+02	3.5928e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	6.7662e+01	-1.5564e+02	5.4885e+01
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	9.6529e+01	-2.1415e+02	-3.5985e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	1.1296e+02	-1.6346e+02	-3.6829e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	1.1707e+02	-1.7501e+02	9.6880e+00
	346	0.0000e+00	0.0000e+00	0.0000e+00	9.0643e+01	-2.0466e+02	9.5006e+00
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	5.7692e+01	-1.2174e+02	-1.0581e+02
	355	0.0000e+00	0.0000e+00	0.0000e+00	7.9475e+01	-1.0144e+02	-7.0446e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	1.0450e+02	-1.4725e+02	-4.0001e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	9.7322e+01	-1.8879e+02	-7.5027e+01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	-3.2845e+01	3.1477e+02	-7.5287e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-7.7229e+01	1.7954e+02	-3.2532e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-3.9305e+01	9.0475e+01	-9.9429e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	3.7619e+01	8.8034e+01	-1.4220e+02

2203	339	0.0000e+00	0.0000e+00	0.0000e+00	2.5689e+01	2.6597e+02	5.0161e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-6.9256e+01	2.0319e+02	3.3365e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-6.0806e+01	1.9346e+02	-2.0589e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	-3.8369e+01	2.3706e+02	-4.1136e+00
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	2.5864e+01	1.8415e+02	8.1966e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-3.8519e+01	1.4764e+02	6.9814e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-4.6467e+01	1.8620e+02	5.1835e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	-2.1354e+01	1.8534e+02	6.3978e+01
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	2.3048e+01	1.0468e+02	9.2603e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-2.0692e+01	7.8272e+01	8.4572e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-2.7415e+01	1.3008e+02	7.9440e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	2.0351e+01	1.1381e+02	8.7471e+01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	2.1775e+01	2.8201e+01	9.5253e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	2.0248e+01	6.9253e+00	8.8154e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-1.7862e+01	6.1231e+01	8.7565e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	1.9393e+01	3.9817e+01	9.4661e+01
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	2.4004e+01	-4.9600e+01	9.2585e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	3.3793e+01	-7.0217e+01	8.5064e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	2.4595e+01	-1.3269e+01	8.6945e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-2.0645e+01	-3.7049e+01	9.4462e+01
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	-3.0330e+01	-1.2986e+02	8.2437e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	5.2963e+01	-1.4621e+02	7.3090e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	4.1638e+01	-8.8855e+01	7.9611e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-2.5259e+01	-1.1818e+02	8.8973e+01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	4.3084e+01	-2.1278e+02	5.5352e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	7.7149e+01	-2.1367e+02	4.1004e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	6.6330e+01	-1.6686e+02	6.0866e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-3.3032e+01	-2.0759e+02	7.5441e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	7.2366e+01	-2.7980e+02	-1.9517e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	9.6159e+01	-2.3353e+02	-3.9994e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	1.0191e+02	-2.3514e+02	2.0030e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-4.4165e+01	-3.0390e+02	3.9558e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	-6.2495e+01	-1.4133e+02	-1.6874e+02
	344	0.0000e+00	0.0000e+00	0.0000e+00	7.0633e+01	-1.4025e+02	-1.2647e+02
	345	0.0000e+00	0.0000e+00	0.0000e+00	1.1250e+02	-2.2232e+02	-5.2875e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	7.1435e+01	-3.6845e+02	-9.4901e+01
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	2.2602e+02	4.0297e+01	-2.2289e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	4.0841e+01	3.9145e+02	-8.9602e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	-1.3406e+02	1.4207e+02	-2.5632e+02
	5	0.0000e+00	0.0000e+00	0.0000e+00	2.3708e+02	8.2529e+02	-1.8246e+02
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	1.4825e+02	4.3456e+01	1.5236e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	7.9463e+01	2.6334e+02	1.1097e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	-3.0823e+01	2.9665e+02	-2.3933e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	2.2543e+02	5.8506e+02	-2.3115e+01
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	8.6034e+01	-1.2724e+01	3.9311e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	6.7635e+01	1.7099e+02	4.7454e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	2.7642e+01	2.2411e+02	3.3613e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	1.4980e+02	4.3483e+02	2.5741e+01
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	3.7181e+01	-7.8913e+01	5.3570e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	4.9260e+01	8.9131e+01	6.1260e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	1.9992e+01	1.4008e+02	5.5193e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	8.9007e+01	3.1994e+02	4.7516e+01
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	-2.1628e+01	-1.5539e+02	5.8528e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	3.4224e+01	1.0572e+01	6.4512e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-2.0584e+01	5.9308e+01	6.3295e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	4.1347e+01	2.2658e+02	5.7263e+01
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-6.0174e+01	-2.4582e+02	5.5215e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	2.6387e+01	-7.1791e+01	6.0374e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-3.3462e+01	-2.1191e+01	6.3261e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-2.0085e+01	1.4741e+02	5.7957e+01
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.0999e+02	-3.5569e+02	4.3624e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-3.0302e+01	-1.5954e+02	4.8377e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-5.1800e+01	-1.0404e+02	5.5805e+01

	332	0.0000e+00	0.0000e+00	0.0000e+00	-5.5605e+01	7.6879e+01	5.0543e+01
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-1.7261e+02	-4.9213e+02	2.5239e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-4.3325e+01	-2.5583e+02	2.4166e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-7.2981e+01	-1.9530e+02	3.7898e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.0555e+02	1.2408e+01	3.5626e+01
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-2.5048e+02	-6.6845e+02	-4.2188e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	7.2228e+01	-3.4420e+02	-4.2392e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-8.9153e+01	-3.0308e+02	-9.0803e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-1.6857e+02	-5.1332e+01	-2.4417e+01
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.8088e+02	-9.3870e+02	-1.9985e+02
	324	0.0000e+00	0.0000e+00	0.0000e+00	1.6250e+02	-1.9984e+02	-2.8926e+02
	325	0.0000e+00	0.0000e+00	0.0000e+00	-8.5315e+01	-4.5031e+02	-1.1343e+02
	326	0.0000e+00	0.0000e+00	0.0000e+00	-2.4700e+02	-6.4463e+01	-4.9609e+01
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	1.6075e+02	1.7340e+03	1.1768e+02
	323	0.0000e+00	0.0000e+00	0.0000e+00	1.1091e+03	2.5314e+02	-3.8087e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	1.1081e+03	4.6854e+03	9.2385e+02
	314	0.0000e+00	0.0000e+00	0.0000e+00	-8.8409e+02	6.6190e+02	1.3974e+03
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	3.1076e+02	4.1204e+02	-1.6828e+02
	322	0.0000e+00	0.0000e+00	0.0000e+00	4.9137e+02	3.9449e+02	-6.3109e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	6.9174e+02	8.5708e+02	-1.1027e+02
	313	0.0000e+00	0.0000e+00	0.0000e+00	3.5980e+02	9.3056e+02	-2.1520e+02
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	1.9502e+02	1.8148e+02	-1.2815e+02
	321	0.0000e+00	0.0000e+00	0.0000e+00	2.5548e+02	1.7043e+02	-3.7462e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	3.9444e+02	3.4305e+02	-7.4773e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	2.4915e+02	4.0492e+02	-1.6556e+02
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	9.8596e+01	6.5953e+01	-9.8501e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	1.1844e+02	6.1404e+01	-3.0482e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	2.0395e+02	1.4922e+02	-4.8771e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	1.4928e+02	1.7926e+02	-1.1611e+02
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	3.4517e+01	-1.2065e+01	-8.4459e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	3.3273e+01	-9.3719e+00	-2.9828e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	8.5271e+01	4.9867e+01	-3.6354e+01
	310	0.0000e+00	0.0000e+00	0.0000e+00	6.7618e+01	6.3699e+01	-9.1014e+01
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	-6.9614e+01	-8.1537e+01	-8.4113e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-8.2199e+01	-7.3840e+01	-3.2324e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	-3.2789e+01	-1.7339e+01	-3.0040e+01
	309	0.0000e+00	0.0000e+00	0.0000e+00	-3.5201e+01	-1.3858e+01	-8.2946e+01
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	-1.4912e+02	-1.8685e+02	-9.9482e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-1.9213e+02	-1.6575e+02	-4.0391e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-1.1370e+02	-8.3854e+01	-2.7693e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	-9.8818e+01	-8.3407e+01	-8.8547e+01
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	-2.4790e+02	-3.9086e+02	-1.3634e+02
	316	0.0000e+00	0.0000e+00	0.0000e+00	-3.6800e+02	-3.4399e+02	-6.0325e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-2.4039e+02	-1.8253e+02	-3.3986e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	-1.9176e+02	-1.8790e+02	-1.0868e+02
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	-3.9293e+02	-8.7595e+02	-1.7248e+02
	315	0.0000e+00	0.0000e+00	0.0000e+00	-6.3527e+02	-8.2369e+02	-9.0445e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-4.5970e+02	-3.8417e+02	-5.7618e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	-3.0909e+02	-3.9116e+02	-1.4050e+02
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	8.7280e+02	-6.3747e+02	1.3613e+03
	13	0.0000e+00	0.0000e+00	0.0000e+00	-1.2803e+03	-4.5099e+03	9.5882e+02
	315	0.0000e+00	0.0000e+00	0.0000e+00	-1.0458e+03	-2.1147e+02	-3.1782e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	2.3300e+02	-1.6476e+03	1.4235e+02
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	-2.9098e+02	5.6491e+02	7.9910e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-1.1764e+02	1.2471e+03	2.5194e+02
	314	0.0000e+00	0.0000e+00	0.0000e+00	1.2485e+02	3.0625e+02	5.9888e+02
	304	0.0000e+00	0.0000e+00	0.0000e+00	-1.1157e+02	2.9740e+02	4.2647e+02
2233	302	0.0000e+00	0.0000e+00	0.0000e+00	-1.4288e+02	4.7527e+02	-8.0308e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	1.4704e+02	5.2475e+02	-2.3929e+02
	313	0.0000e+00	0.0000e+00	0.0000e+00	-1.8655e+02	7.4019e+02	-1.0192e+02
	303	0.0000e+00	0.0000e+00	0.0000e+00	-1.5763e+02	5.1737e+02	5.9817e+01
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	3.9464e+01	2.3864e+02	-1.3301e+02
	311	0.0000e+00	0.0000e+00	0.0000e+00	1.2056e+02	2.2950e+02	-1.6340e+02

	312	0.0000e+00	0.0000e+00	0.0000e+00	1.2149e+02	3.5410e+02	-1.8008e+02
	302	0.0000e+00	0.0000e+00	0.0000e+00	-7.0359e+01	3.7821e+02	-1.4985e+02
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	3.6953e+01	9.5071e+01	-1.3368e+02
	310	0.0000e+00	0.0000e+00	0.0000e+00	7.0156e+01	8.8709e+01	-1.2288e+02
	311	0.0000e+00	0.0000e+00	0.0000e+00	1.0233e+02	1.6176e+02	-1.4471e+02
	301	0.0000e+00	0.0000e+00	0.0000e+00	3.6405e+01	1.9872e+02	-1.5549e+02
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	3.2648e+01	-1.0852e+01	-1.2728e+02
	309	0.0000e+00	0.0000e+00	0.0000e+00	3.3427e+01	9.5718e+00	-1.0641e+02
	310	0.0000e+00	0.0000e+00	0.0000e+00	5.5354e+01	5.4791e+01	-1.1662e+02
	300	0.0000e+00	0.0000e+00	0.0000e+00	3.2470e+01	7.8238e+01	-1.3749e+02
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	-4.0906e+01	-8.6793e+01	-1.2912e+02
	308	0.0000e+00	0.0000e+00	0.0000e+00	-6.1536e+01	-7.0943e+01	-1.0820e+02
	309	0.0000e+00	0.0000e+00	0.0000e+00	-3.5272e+01	-2.3450e+01	-1.0532e+02
	299	0.0000e+00	0.0000e+00	0.0000e+00	-3.5623e+01	-1.6089e+01	-1.2631e+02
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	-5.1782e+01	-1.9719e+02	-1.3778e+02
	307	0.0000e+00	0.0000e+00	0.0000e+00	-1.1004e+02	-1.6885e+02	-1.2609e+02
	308	0.0000e+00	0.0000e+00	0.0000e+00	-7.6560e+01	-1.0233e+02	-1.1197e+02
	298	0.0000e+00	0.0000e+00	0.0000e+00	-4.8977e+01	-1.0208e+02	-1.2371e+02
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	7.2019e+01	-3.5927e+02	-1.2556e+02
	306	0.0000e+00	0.0000e+00	0.0000e+00	-1.3818e+02	-3.4181e+02	-1.5119e+02
	307	0.0000e+00	0.0000e+00	0.0000e+00	-1.2792e+02	-2.3013e+02	-1.4116e+02
	297	0.0000e+00	0.0000e+00	0.0000e+00	-5.6300e+01	-2.3289e+02	-1.1509e+02
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	1.4265e+02	-4.8308e+02	7.8493e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	1.8369e+02	-6.9126e+02	-7.4897e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	-1.6149e+02	-4.9986e+02	-2.0605e+02
	296	0.0000e+00	0.0000e+00	0.0000e+00	1.3020e+02	-4.4692e+02	-5.8892e+01
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	9.9101e+01	-2.6780e+02	4.3435e+02
	206	0.0000e+00	0.0000e+00	0.0000e+00	-1.6456e+02	-2.8120e+02	6.0084e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	1.4160e+02	-1.1913e+03	2.6379e+02
	295	0.0000e+00	0.0000e+00	0.0000e+00	2.6413e+02	-5.2946e+02	9.7983e+01
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.5157e+02	2.7307e+02	1.0640e+02
	303	0.0000e+00	0.0000e+00	0.0000e+00	-1.5921e+02	4.3944e+02	2.0870e+02
	304	0.0000e+00	0.0000e+00	0.0000e+00	3.8525e+01	2.0879e+02	3.2140e+02
	294	0.0000e+00	0.0000e+00	0.0000e+00	-9.3215e+01	1.5026e+02	2.1912e+02
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	-1.6296e+02	3.2184e+02	-2.6666e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	-9.6633e+01	3.9123e+02	-6.0621e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	-1.6074e+02	4.7766e+02	6.4954e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.6290e+02	3.0205e+02	9.8534e+01
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	-1.0150e+02	2.2121e+02	-9.6556e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	-4.2775e+01	2.3587e+02	-1.4728e+02
	302	0.0000e+00	0.0000e+00	0.0000e+00	-1.0586e+02	3.5045e+02	-1.0320e+02
	292	0.0000e+00	0.0000e+00	0.0000e+00	-1.2953e+02	2.7733e+02	-5.2898e+01
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	-5.1795e+01	1.0606e+02	-1.1866e+02
	300	0.0000e+00	0.0000e+00	0.0000e+00	3.1794e+01	1.0753e+02	-1.4617e+02
	301	0.0000e+00	0.0000e+00	0.0000e+00	-4.5955e+01	1.8298e+02	-1.4343e+02
	291	0.0000e+00	0.0000e+00	0.0000e+00	-7.9551e+01	1.7874e+02	-1.1595e+02
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	-3.0540e+01	1.3732e+01	-1.2211e+02
	299	0.0000e+00	0.0000e+00	0.0000e+00	3.2076e+01	1.6601e+01	-1.3623e+02
	300	0.0000e+00	0.0000e+00	0.0000e+00	-3.2613e+01	6.7897e+01	-1.4026e+02
	290	0.0000e+00	0.0000e+00	0.0000e+00	-4.5402e+01	7.8070e+01	-1.2613e+02
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	3.4341e+01	-7.8638e+01	-1.1962e+02
	298	0.0000e+00	0.0000e+00	0.0000e+00	3.6827e+01	-7.4710e+01	-1.3262e+02
	299	0.0000e+00	0.0000e+00	0.0000e+00	3.3713e+01	-2.4176e+01	-1.3477e+02
	289	0.0000e+00	0.0000e+00	0.0000e+00	-3.0237e+01	-1.6190e+01	-1.2172e+02
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	6.0513e+01	-1.7103e+02	-1.0369e+02
	297	0.0000e+00	0.0000e+00	0.0000e+00	4.6927e+01	-1.8048e+02	-1.2751e+02
	298	0.0000e+00	0.0000e+00	0.0000e+00	3.9409e+01	-1.1180e+02	-1.3562e+02
	288	0.0000e+00	0.0000e+00	0.0000e+00	3.9084e+01	-1.0458e+02	-1.1159e+02
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	1.0229e+02	-2.5766e+02	-4.0498e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	9.1734e+01	-3.3161e+02	-8.2775e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	4.8369e+01	-2.2837e+02	-1.2895e+02
	287	0.0000e+00	0.0000e+00	0.0000e+00	7.9166e+01	-2.0923e+02	-8.4373e+01
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	1.2860e+02	-2.7244e+02	1.1318e+02

	295	0.0000e+00	0.0000e+00	0.0000e+00	1.3714e+02	-4.4478e+02	8.4084e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	8.5843e+01	-3.6660e+02	-4.3681e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	1.3179e+02	-2.9730e+02	-1.7677e+01
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	5.9997e+01	-1.1926e+02	2.3339e+02
	195	0.0000e+00	0.0000e+00	0.0000e+00	-5.8920e+01	-1.8168e+02	3.3394e+02
	295	0.0000e+00	0.0000e+00	0.0000e+00	1.3673e+02	-4.0658e+02	2.2188e+02
	285	0.0000e+00	0.0000e+00	0.0000e+00	1.1657e+02	-2.4308e+02	1.2124e+02
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.2624e+02	1.6504e+02	6.4986e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.3795e+02	2.3940e+02	1.2718e+02
	294	0.0000e+00	0.0000e+00	0.0000e+00	-5.5685e+01	1.1460e+02	1.6924e+02
	284	0.0000e+00	0.0000e+00	0.0000e+00	-8.4749e+01	1.0444e+02	1.0706e+02
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.5127e+02	2.1258e+02	-7.9846e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	-1.3666e+02	2.7381e+02	-8.8505e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	-1.3854e+02	2.6662e+02	6.6231e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.4194e+02	1.9424e+02	6.2671e+01
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.2130e+02	1.7367e+02	-5.6119e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	-9.5000e+01	2.0063e+02	-8.7854e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	-1.3957e+02	2.5575e+02	-4.6086e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.3935e+02	1.9888e+02	-1.5387e+01
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	-7.2431e+01	9.7277e+01	-7.9934e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	-5.4973e+01	1.0522e+02	-1.1643e+02
	291	0.0000e+00	0.0000e+00	0.0000e+00	-9.4209e+01	1.6646e+02	-1.0149e+02
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.0358e+02	1.4444e+02	-6.5029e+01
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	-2.8874e+01	1.6158e+01	-8.6475e+01
	289	0.0000e+00	0.0000e+00	0.0000e+00	-2.9179e+01	1.8507e+01	-1.1913e+02
	290	0.0000e+00	0.0000e+00	0.0000e+00	-5.1954e+01	7.0319e+01	-1.1754e+02
	280	0.0000e+00	0.0000e+00	0.0000e+00	-5.8738e+01	6.8065e+01	-8.4827e+01
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	3.3110e+01	-6.3207e+01	-8.1314e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	3.4460e+01	-6.9522e+01	-1.1252e+02
	289	0.0000e+00	0.0000e+00	0.0000e+00	-2.7971e+01	-1.9539e+01	-1.1791e+02
	279	0.0000e+00	0.0000e+00	0.0000e+00	-2.2266e+01	-1.3443e+01	-8.6523e+01
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	7.1417e+01	-1.3283e+02	-5.9210e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	6.8729e+01	-1.5783e+02	-9.1360e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	3.7217e+01	-1.0224e+02	-1.0922e+02
	278	0.0000e+00	0.0000e+00	0.0000e+00	4.4415e+01	-9.0453e+01	-7.6539e+01
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	1.0097e+02	-1.7778e+02	-1.6870e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	1.0699e+02	-2.3590e+02	-3.5208e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	6.9555e+01	-1.8822e+02	-7.6773e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	8.7085e+01	-1.5862e+02	-5.0366e+01
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	9.7750e+01	-1.6466e+02	7.3829e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	1.0129e+02	-2.3793e+02	8.1343e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	1.0395e+02	-2.5001e+02	2.0852e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	1.1086e+02	-1.8802e+02	1.4439e+01
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	3.7693e+01	-7.0724e+01	1.1996e+02
	184	0.0000e+00	0.0000e+00	0.0000e+00	2.9097e+01	-8.4477e+01	1.8406e+02
	285	0.0000e+00	0.0000e+00	0.0000e+00	1.0009e+02	-2.0874e+02	1.4057e+02
	275	0.0000e+00	0.0000e+00	0.0000e+00	8.1078e+01	-1.3387e+02	7.6270e+01
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.1543e+02	1.2578e+02	2.8556e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.2384e+02	1.5392e+02	6.8630e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-7.3287e+01	9.0561e+01	8.3276e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-8.5238e+01	8.9109e+01	4.3214e+01
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.3531e+02	1.5928e+02	5.0730e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.3665e+02	1.9024e+02	1.2279e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-1.2613e+02	1.7538e+02	4.1294e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.2703e+02	1.4619e+02	3.1985e+01
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.1702e+02	1.3946e+02	-2.2332e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.1139e+02	1.5820e+02	-4.2144e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-1.3642e+02	1.8526e+02	-1.8232e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.3184e+02	1.5491e+02	6.3203e+00
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	-7.5161e+01	8.4683e+01	-3.5191e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-6.9131e+01	9.2125e+01	-6.9249e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-1.0694e+02	1.3639e+02	-5.6834e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.0530e+02	1.1907e+02	-2.2875e+01

2266	269	0.0000e+00	0.0000e+00	0.0000e+00	-2.7023e+01	1.6701e+01	-3.9504e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-2.6202e+01	1.7389e+01	-7.6923e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-6.1923e+01	6.3729e+01	-7.3908e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-6.1517e+01	5.8329e+01	-3.6245e+01
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	2.9297e+01	-5.0699e+01	-3.6428e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	3.2734e+01	-5.8022e+01	-7.1975e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-2.0978e+01	-1.3557e+01	-7.6129e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.6468e+01	-1.0758e+01	-3.9935e+01
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	6.8088e+01	-1.0532e+02	-2.4863e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	7.2014e+01	-1.2414e+02	-5.2887e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	3.9047e+01	-8.4546e+01	-6.5991e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	4.1386e+01	-7.5227e+01	-3.6052e+01
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	8.9060e+01	-1.3242e+02	1.5627e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	9.5737e+01	-1.6391e+02	-1.7419e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	7.5666e+01	-1.4277e+02	-3.8110e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	7.8484e+01	-1.2260e+02	-2.4078e+01
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	7.8475e+01	-1.1571e+02	3.7715e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	8.0157e+01	-1.4599e+02	5.1507e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	9.4902e+01	-1.6543e+02	2.3514e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	9.1133e+01	-1.3349e+02	1.2599e+01
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	3.3121e+01	-5.6451e+01	5.1689e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	2.5430e+01	-5.7441e+01	9.4971e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	7.6602e+01	-1.2207e+02	7.8579e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	6.5714e+01	-9.3205e+01	3.4623e+01
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	-1.0941e+02	1.2111e+02	-3.9073e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.1531e+02	1.2396e+02	2.8229e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-8.1915e+01	8.5190e+01	2.7538e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-8.1713e+01	8.9333e+01	-4.9926e+00
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.2313e+02	1.4615e+02	5.8222e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.2949e+02	1.5223e+02	1.2768e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.1961e+02	1.3947e+02	1.6740e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-1.1637e+02	1.3676e+02	8.8675e+00
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.0694e+02	1.2771e+02	9.0305e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.1119e+02	1.3290e+02	-9.3370e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.2777e+02	1.4939e+02	-5.8369e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.2216e+02	1.4318e+02	1.4512e+01
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	-7.0217e+01	7.8827e+01	1.0741e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-7.1741e+01	8.1257e+01	-2.2242e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.0432e+02	1.1581e+02	-1.8149e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-9.9428e+01	1.1033e+02	1.4333e+01
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.7013e+01	1.7163e+01	1.3011e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-2.5312e+01	1.6259e+01	-2.8227e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-6.2099e+01	5.7059e+01	-2.6070e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-5.9560e+01	5.4321e+01	1.2727e+01
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	2.9519e+01	-4.6403e+01	1.6191e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	2.9303e+01	-4.9050e+01	-2.8066e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.7102e+01	-1.0061e+01	-2.7951e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.8896e+01	-1.1315e+01	1.3024e+01
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	6.4449e+01	-9.6259e+01	1.8524e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	6.6901e+01	-1.0169e+02	-2.2094e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	3.7958e+01	-7.1560e+01	-2.4037e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	3.8903e+01	-6.9087e+01	1.4599e+01
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	8.2031e+01	-1.2020e+02	1.6873e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	8.4982e+01	-1.2662e+02	1.3082e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	7.2650e+01	-1.1579e+02	-1.5424e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	7.1244e+01	-1.1048e+02	1.4580e+01
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	7.0956e+01	-1.0636e+02	8.2350e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	7.1119e+01	-1.0902e+02	2.0878e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	8.5160e+01	-1.2608e+02	1.8218e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	8.2315e+01	-1.1972e+02	9.8497e+00
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	3.6336e+01	-6.2540e+01	-1.3708e+01
	162	0.0000e+00	0.0000e+00	0.0000e+00	3.0186e+01	-5.4237e+01	3.5393e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	6.5275e+01	-9.1446e+01	3.2721e+01



	255	0.0000e+00	0.0000e+00	0.0000e+00	6.3575e+01	-8.9212e+01	-3.9365e+00
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	-1.0261e+02	1.4514e+02	-3.2349e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-1.0922e+02	1.2569e+02	-4.0682e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	-8.2745e+01	9.2640e+01	-1.7578e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-7.1448e+01	1.0222e+02	-4.6972e+01
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	-1.1015e+02	1.6599e+02	8.4949e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.2293e+02	1.5015e+02	1.3477e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-1.1526e+02	1.4002e+02	-6.3250e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-1.0618e+02	1.5924e+02	-1.1581e+01
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	-9.2254e+01	1.3722e+02	3.6624e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.0555e+02	1.2930e+02	2.0619e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.1917e+02	1.4555e+02	1.0572e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-1.1054e+02	1.5934e+02	2.5962e+01
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	-6.1385e+01	8.1824e+01	5.0400e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-6.8840e+01	7.8490e+01	2.2349e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-9.6582e+01	1.1212e+02	1.8371e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-8.8385e+01	1.1714e+02	4.6399e+01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	-3.1778e+01	1.8522e+01	5.4382e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.8063e+01	1.6165e+01	2.2462e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-5.8427e+01	5.5830e+01	2.1520e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-5.5208e+01	5.5889e+01	5.3935e+01
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	3.7080e+01	-4.9853e+01	5.2170e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	3.1327e+01	-4.7853e+01	2.2181e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-2.1433e+01	-1.0908e+01	2.2877e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.9065e+01	-1.4851e+01	5.3904e+01
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	6.5392e+01	-1.0481e+02	4.2397e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	6.4383e+01	-9.7853e+01	1.9850e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	4.0245e+01	-6.9039e+01	2.3468e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	4.2556e+01	-7.3913e+01	4.7698e+01
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	8.3729e+01	-1.3732e+02	2.0693e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	8.2091e+01	-1.2227e+02	1.2896e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	7.2183e+01	-1.1217e+02	2.1424e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	6.9633e+01	-1.2143e+02	3.2040e+01
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	7.5553e+01	-1.2925e+02	-1.8377e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	7.2871e+01	-1.0956e+02	-8.1452e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	8.3973e+01	-1.2350e+02	1.2954e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	8.4144e+01	-1.3998e+02	-8.7291e+00
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	4.8167e+01	-8.2872e+01	-5.2586e+01
	151	0.0000e+00	0.0000e+00	0.0000e+00	3.9335e+01	-6.7726e+01	-2.2962e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	6.5057e+01	-9.4352e+01	-5.4498e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	7.3387e+01	-1.1416e+02	-3.7610e+01
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	-9.1227e+01	2.0202e+02	-6.4395e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-1.0234e+02	1.5816e+02	-2.9728e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-7.8126e+01	1.1371e+02	-6.4089e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-5.7857e+01	1.3839e+02	-9.8784e+01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	-8.6009e+01	2.0977e+02	1.7923e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-1.1343e+02	1.8107e+02	1.6680e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-1.0959e+02	1.7249e+02	-2.4855e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-9.1333e+01	2.2400e+02	-2.3686e+01
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	-6.7293e+01	1.5730e+02	6.4229e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-9.2313e+01	1.4497e+02	4.5642e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-1.0627e+02	1.6955e+02	2.3707e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-8.7771e+01	2.0152e+02	4.2028e+01
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	-5.0275e+01	8.7216e+01	8.1997e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-6.0562e+01	8.2988e+01	5.8739e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-8.3008e+01	1.2423e+02	5.0806e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-6.7103e+01	1.3606e+02	7.4049e+01
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	-4.1685e+01	1.7456e+01	8.6378e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-3.4829e+01	1.6352e+01	6.2024e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-5.3180e+01	6.0500e+01	6.1034e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-4.9317e+01	6.2771e+01	8.5455e+01
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	4.8677e+01	-5.9738e+01	8.2437e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	4.0433e+01	-5.4473e+01	5.8430e+01

	249	0.0000e+00	0.0000e+00	0.0000e+00	-3.2876e+01	-1.3692e+01	6.2021e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-4.2491e+01	-1.6636e+01	8.6182e+01
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	6.8317e+01	-1.2706e+02	6.7401e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	6.6363e+01	-1.1164e+02	4.5439e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	4.6991e+01	-7.5921e+01	5.6166e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	5.1676e+01	-8.2743e+01	7.8496e+01
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	9.1411e+01	-1.8221e+02	3.1451e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	8.6918e+01	-1.4694e+02	1.6977e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	7.5505e+01	-1.2997e+02	4.0486e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	7.1375e+01	-1.4517e+02	5.6823e+01
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	9.4779e+01	-1.9279e+02	-3.6540e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	8.6714e+01	-1.4172e+02	-3.3676e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	9.2740e+01	-1.5497e+02	1.0024e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	9.3282e+01	-1.8622e+02	7.8257e+00
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	-7.5515e+01	-1.2206e+02	-1.0678e+02
	140	0.0000e+00	0.0000e+00	0.0000e+00	5.6841e+01	-9.4609e+01	-6.9981e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	7.7040e+01	-1.2700e+02	-3.6913e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	9.9235e+01	-1.6884e+02	-7.4670e+01
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	-8.6459e+01	3.8686e+02	-8.4616e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-1.0485e+02	2.3775e+02	-4.2242e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-6.8454e+01	1.6055e+02	-1.2002e+02
	234	0.0000e+00	0.0000e+00	0.0000e+00	9.3231e+01	1.6636e+02	-1.6246e+02
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	7.2291e+01	3.0898e+02	4.6343e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-9.5864e+01	2.3891e+02	2.9699e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-8.9665e+01	2.4508e+02	-2.6614e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-8.0550e+01	2.8451e+02	-1.0643e+01
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	6.0933e+01	2.0856e+02	8.0533e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-6.7370e+01	1.6735e+02	6.9529e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-7.4936e+01	2.1791e+02	5.1017e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-6.5987e+01	2.1340e+02	6.1961e+01
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	5.4045e+01	1.1707e+02	9.3270e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-5.1059e+01	8.7929e+01	8.6451e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-5.7342e+01	1.4718e+02	8.1115e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-5.6116e+01	1.2840e+02	8.7949e+01
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	-5.4021e+01	3.4621e+01	9.7355e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-4.5716e+01	1.4162e+01	9.1224e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-4.6948e+01	6.9638e+01	9.0899e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-5.2465e+01	4.6665e+01	9.7020e+01
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	-6.1423e+01	-4.6760e+01	9.5266e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-5.1764e+01	-6.6428e+01	8.8226e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-4.6069e+01	-1.4003e+01	9.1068e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-5.5748e+01	-3.5200e+01	9.8036e+01
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	-7.6585e+01	-1.2422e+02	8.4680e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	6.8149e+01	-1.3760e+02	7.4975e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	5.6741e+01	-8.4387e+01	8.3442e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-6.6049e+01	-1.1432e+02	9.2997e+01
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	-1.0200e+02	-2.0140e+02	5.6088e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	9.1809e+01	-1.9744e+02	4.0011e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	7.9208e+01	-1.5677e+02	6.3183e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-8.3557e+01	-1.9833e+02	7.9055e+01
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	1.3645e+02	-2.6086e+02	-2.5164e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	1.1250e+02	-2.1189e+02	-4.2732e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	1.1223e+02	-2.1677e+02	1.9556e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-1.0962e+02	-2.8575e+02	4.1287e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	-1.4267e+02	-1.5390e+02	-1.7064e+02
	129	0.0000e+00	0.0000e+00	0.0000e+00	9.0175e+01	-1.4160e+02	-1.2723e+02
	235	0.0000e+00	0.0000e+00	0.0000e+00	1.1734e+02	-2.0149e+02	-5.4519e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	1.5006e+02	-3.4171e+02	-9.8271e+01
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	3.0645e+02	6.0879e+01	-7.6044e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	1.3574e+02	4.6304e+02	-1.1448e+02
	234	0.0000e+00	0.0000e+00	0.0000e+00	-1.4885e+02	2.3550e+02	-2.7878e+02
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.2955e+02	9.8612e+02	-2.1554e+02
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	2.0572e+02	4.5386e+01	3.2846e+01

	230	0.0000e+00	0.0000e+00	0.0000e+00	1.3039e+02	3.0418e+02	-1.2414e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-1.0058e+02	3.5366e+02	-4.4368e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	3.0140e+02	6.9295e+02	-5.7614e+01
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	1.3348e+02	-2.3053e+01	3.3544e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	1.0293e+02	1.9492e+02	4.0642e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	7.6118e+01	2.5831e+02	2.7134e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	2.0582e+02	5.0661e+02	2.6671e+01
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	8.4260e+01	-8.7332e+01	4.8705e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	7.8951e+01	1.0162e+02	5.8108e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	6.0281e+01	1.5900e+02	5.0198e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	1.3564e+02	3.6418e+02	4.1463e+01
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-6.3994e+01	-1.6070e+02	5.7605e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	6.5535e+01	1.7298e+01	6.4981e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-5.6071e+01	6.8843e+01	6.1792e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	8.7389e+01	2.5047e+02	5.4205e+01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-8.1981e+01	-2.4485e+02	5.9613e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	6.5417e+01	-6.7601e+01	6.4358e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-6.4674e+01	-1.7518e+01	6.5057e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-6.6132e+01	1.5740e+02	5.9423e+01
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.2570e+02	-3.4558e+02	5.7035e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-7.9119e+01	-1.5255e+02	5.6705e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-8.3319e+01	-9.9379e+01	6.0761e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-8.2265e+01	7.8982e+01	5.8699e+01
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-1.8747e+02	-4.7031e+02	5.6899e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-1.0657e+02	-2.4241e+02	4.2039e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-1.1028e+02	-1.8683e+02	4.7261e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.2585e+02	1.8444e+01	5.6710e+01
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-2.6897e+02	-6.3204e+02	-7.7524e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-1.6413e+02	-3.2158e+02	-5.4498e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-1.4533e+02	-2.8766e+02	-2.8838e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-1.8882e+02	-5.8012e+01	-6.6057e+01
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.4687e+02	-8.7989e+02	-2.0621e+02
	118	0.0000e+00	0.0000e+00	0.0000e+00	1.7994e+02	-2.0976e+02	-2.9151e+02
	216	0.0000e+00	0.0000e+00	0.0000e+00	-2.0754e+02	-4.2010e+02	-1.1535e+02
	217	0.0000e+00	0.0000e+00	0.0000e+00	-2.7482e+02	-8.2531e+01	-1.0887e+02
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	-3.7483e+02	1.5241e+03	1.4769e+02
	215	0.0000e+00	0.0000e+00	0.0000e+00	1.0722e+03	4.6666e+02	-4.1862e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	8.8969e+02	4.3155e+03	9.1415e+02
	206	0.0000e+00	0.0000e+00	0.0000e+00	-8.2934e+02	4.5300e+02	1.4323e+03
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	2.5735e+02	4.0961e+02	-1.0416e+02
	214	0.0000e+00	0.0000e+00	0.0000e+00	4.2604e+02	3.3728e+02	-6.9874e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	6.7830e+02	7.8870e+02	-1.2822e+02
	205	0.0000e+00	0.0000e+00	0.0000e+00	2.1311e+02	8.5685e+02	-1.6986e+02
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	1.7282e+02	1.2160e+02	-9.3806e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	2.3460e+02	1.1260e+02	-3.6913e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	3.4429e+02	2.9560e+02	-6.9773e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	2.1007e+02	3.6585e+02	-1.3080e+02
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	9.0372e+01	-6.4462e+01	-6.5459e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	1.1365e+02	-6.6453e+01	-1.5407e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	1.8438e+02	6.8197e+01	-3.5164e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	1.3192e+02	1.0796e+02	-8.6403e+01
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	2.4402e+01	-2.0758e+02	-4.5959e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	2.9278e+01	-2.1094e+02	3.1436e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	7.7708e+01	-1.0039e+02	-1.3536e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	5.8261e+01	-8.4339e+01	-5.7366e+01
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	-4.6747e+01	-3.5966e+02	-3.6048e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	-5.5200e+01	-3.6100e+02	1.3238e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	-1.9300e+01	-2.4651e+02	3.2817e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	-1.9807e+01	-2.3463e+02	-4.0741e+01
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	-1.0436e+02	-5.3397e+02	-3.4645e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-1.2924e+02	-5.3116e+02	2.5880e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	-8.5206e+01	-3.9981e+02	1.7803e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	-7.4164e+01	-3.9011e+02	-3.3408e+01

2329 198 0.0000e+00 0.0000e+00 0.0000e+00 -1.5581e+02 -7.5795e+02 -3.7690e+01  
208 0.0000e+00 0.0000e+00 0.0000e+00 -2.1534e+02 -7.4930e+02 3.8984e+01  
209 0.0000e+00 0.0000e+00 0.0000e+00 -1.6440e+02 -5.7632e+02 3.2249e+01  
199 0.0000e+00 0.0000e+00 0.0000e+00 -1.3342e+02 -5.6633e+02 -3.2051e+01

2330 197 0.0000e+00 0.0000e+00 0.0000e+00 -1.3601e+02 -1.1007e+03 3.9041e+01  
207 0.0000e+00 0.0000e+00 0.0000e+00 -3.4245e+02 -1.1165e+03 5.1401e+01  
208 0.0000e+00 0.0000e+00 0.0000e+00 -2.6192e+02 -7.9790e+02 4.3336e+01  
198 0.0000e+00 0.0000e+00 0.0000e+00 -1.8132e+02 -8.0711e+02 -3.1099e+01

2331 196 0.0000e+00 0.0000e+00 0.0000e+00 2.5858e+02 -1.1874e+03 7.3899e+02  
12 0.0000e+00 0.0000e+00 0.0000e+00 -2.9945e+02 -2.8020e+03 4.8242e+02  
207 0.0000e+00 0.0000e+00 0.0000e+00 -5.0944e+02 -1.0395e+03 -1.1356e+02  
197 0.0000e+00 0.0000e+00 0.0000e+00 5.0306e+01 -1.4095e+03 1.7466e+02

2332 194 0.0000e+00 0.0000e+00 0.0000e+00 -2.3641e+02 4.0369e+02 1.6380e+02  
205 0.0000e+00 0.0000e+00 0.0000e+00 -2.2486e+02 9.7271e+02 3.5565e+02  
206 0.0000e+00 0.0000e+00 0.0000e+00 1.5724e+02 1.7736e+02 6.3578e+02  
195 0.0000e+00 0.0000e+00 0.0000e+00 -1.6755e+02 1.3051e+02 4.4312e+02

2333 193 0.0000e+00 0.0000e+00 0.0000e+00 -1.8743e+02 3.9583e+02 -2.2902e+01  
204 0.0000e+00 0.0000e+00 0.0000e+00 1.1410e+02 4.8922e+02 -1.7369e+02  
205 0.0000e+00 0.0000e+00 0.0000e+00 -2.5047e+02 6.8278e+02 -1.6256e+01  
194 0.0000e+00 0.0000e+00 0.0000e+00 -1.7120e+02 3.9386e+02 1.6089e+02

2334 192 0.0000e+00 0.0000e+00 0.0000e+00 -5.5592e+01 1.7253e+02 -8.2783e+01  
203 0.0000e+00 0.0000e+00 0.0000e+00 9.6277e+01 1.7211e+02 -1.3064e+02  
204 0.0000e+00 0.0000e+00 0.0000e+00 9.4713e+01 3.0677e+02 -1.2889e+02  
193 0.0000e+00 0.0000e+00 0.0000e+00 -1.1047e+02 3.0251e+02 -8.1794e+01

2335 191 0.0000e+00 0.0000e+00 0.0000e+00 2.7061e+01 -4.7859e+01 -9.4376e+01  
202 0.0000e+00 0.0000e+00 0.0000e+00 5.7368e+01 -4.6691e+01 -9.4271e+01  
203 0.0000e+00 0.0000e+00 0.0000e+00 7.8352e+01 8.8039e+01 -1.1089e+02  
192 0.0000e+00 0.0000e+00 0.0000e+00 -4.3033e+01 1.1819e+02 -1.1058e+02

2336 190 0.0000e+00 0.0000e+00 0.0000e+00 -1.7952e+01 -1.9002e+02 -8.7598e+01  
201 0.0000e+00 0.0000e+00 0.0000e+00 1.9332e+01 -1.9219e+02 -7.2221e+01  
202 0.0000e+00 0.0000e+00 0.0000e+00 3.9191e+01 -9.3614e+01 -8.5739e+01  
191 0.0000e+00 0.0000e+00 0.0000e+00 -2.4291e+01 -7.2255e+01 -1.0062e+02

2337 189 0.0000e+00 0.0000e+00 0.0000e+00 -3.1666e+01 -3.4622e+02 -7.7651e+01  
200 0.0000e+00 0.0000e+00 0.0000e+00 -4.4476e+01 -3.4645e+02 -6.0504e+01  
201 0.0000e+00 0.0000e+00 0.0000e+00 -2.4122e+01 -2.4112e+02 -6.8845e+01  
190 0.0000e+00 0.0000e+00 0.0000e+00 -2.8139e+01 -2.2263e+02 -8.5780e+01

2338 188 0.0000e+00 0.0000e+00 0.0000e+00 -4.3610e+01 -5.1404e+02 -6.3438e+01  
199 0.0000e+00 0.0000e+00 0.0000e+00 -8.2571e+01 -5.1612e+02 -5.3794e+01  
200 0.0000e+00 0.0000e+00 0.0000e+00 -6.4709e+01 -3.9856e+02 -6.0465e+01  
189 0.0000e+00 0.0000e+00 0.0000e+00 -4.4558e+01 -3.8260e+02 -7.0105e+01

2339 187 0.0000e+00 0.0000e+00 0.0000e+00 -2.9401e+01 -6.9421e+02 -3.3453e+01  
198 0.0000e+00 0.0000e+00 0.0000e+00 -9.9048e+01 -7.2222e+02 -4.0919e+01  
199 0.0000e+00 0.0000e+00 0.0000e+00 -1.0353e+02 -5.8166e+02 -5.7940e+01  
188 0.0000e+00 0.0000e+00 0.0000e+00 -4.7057e+01 -5.6106e+02 -4.6282e+01

2340 186 0.0000e+00 0.0000e+00 0.0000e+00 2.2757e+01 -8.3054e+02 1.4518e+02  
197 0.0000e+00 0.0000e+00 0.0000e+00 -2.0676e+01 -1.0110e+03 7.9884e+01  
198 0.0000e+00 0.0000e+00 0.0000e+00 -1.2404e+02 -8.2621e+02 -4.8874e+01  
187 0.0000e+00 0.0000e+00 0.0000e+00 2.0184e+01 -7.6113e+02 4.2078e+01

2341 185 0.0000e+00 0.0000e+00 0.0000e+00 -9.0678e+01 -7.4964e+02 4.3175e+02  
196 0.0000e+00 0.0000e+00 0.0000e+00 -9.7321e+01 -1.0184e+03 4.8379e+02  
197 0.0000e+00 0.0000e+00 0.0000e+00 -4.9213e+01 -1.1656e+03 2.2662e+02  
186 0.0000e+00 0.0000e+00 0.0000e+00 6.2729e+01 -8.6888e+02 1.7559e+02

2342 183 0.0000e+00 0.0000e+00 0.0000e+00 -9.7221e+01 1.4550e+02 1.5229e+02  
194 0.0000e+00 0.0000e+00 0.0000e+00 -1.4615e+02 2.9600e+02 2.6499e+02  
195 0.0000e+00 0.0000e+00 0.0000e+00 5.8609e+01 6.6709e+01 3.4995e+02  
184 0.0000e+00 0.0000e+00 0.0000e+00 -5.3083e+01 2.8244e+01 2.3686e+02

2343 182 0.0000e+00 0.0000e+00 0.0000e+00 -1.3552e+02 2.1071e+02 3.8706e+01  
193 0.0000e+00 0.0000e+00 0.0000e+00 -1.0779e+02 2.9531e+02 2.9977e+01  
194 0.0000e+00 0.0000e+00 0.0000e+00 -1.4404e+02 3.5663e+02 1.3832e+02  
183 0.0000e+00 0.0000e+00 0.0000e+00 -1.1955e+02 1.8047e+02 1.5107e+02

2344 181 0.0000e+00 0.0000e+00 0.0000e+00 -9.8916e+01 1.2646e+02 -5.6190e+01  
192 0.0000e+00 0.0000e+00 0.0000e+00 -5.3403e+01 1.5386e+02 -9.5023e+01  
193 0.0000e+00 0.0000e+00 0.0000e+00 -1.1179e+02 2.7922e+02 -4.0383e+01

	182	0.0000e+00	0.0000e+00	0.0000e+00	-1.1688e+02	1.7923e+02	3.0749e+01
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	-5.7135e+01	-4.8283e+01	-8.6511e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	-2.9771e+01	-4.4910e+01	-1.1077e+02
	192	0.0000e+00	0.0000e+00	0.0000e+00	-5.7312e+01	1.0420e+02	-9.8113e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	-8.0875e+01	8.2650e+01	-7.4574e+01
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	-3.5288e+01	-1.7726e+02	-9.2741e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	-2.3978e+01	-1.7865e+02	-1.0317e+02
	191	0.0000e+00	0.0000e+00	0.0000e+00	-3.4440e+01	-8.0834e+01	-1.0622e+02
	180	0.0000e+00	0.0000e+00	0.0000e+00	-5.1954e+01	-7.6677e+01	-9.5572e+01
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	-2.8068e+01	-3.2426e+02	-8.4271e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	-3.0694e+01	-3.3278e+02	-8.9724e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	-3.3718e+01	-2.2804e+02	-9.9305e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	-3.7411e+01	-2.1520e+02	-9.3361e+01
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	-2.7281e+01	-4.6982e+02	-5.9898e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	-3.4900e+01	-4.9648e+02	-6.7073e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	-4.3266e+01	-3.8322e+02	-8.6472e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	-3.0851e+01	-3.6417e+02	-7.7796e+01
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	-3.2519e+01	-5.9380e+02	3.9641e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	-2.5886e+01	-6.6853e+02	-3.0551e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	-4.8793e+01	-5.4691e+02	-6.0134e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	-2.7181e+01	-5.1243e+02	-4.8415e+01
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	-3.4798e+01	-6.4270e+02	1.4558e+02
	186	0.0000e+00	0.0000e+00	0.0000e+00	-3.1231e+01	-7.8956e+02	1.3740e+02
	187	0.0000e+00	0.0000e+00	0.0000e+00	-3.9407e+01	-7.0130e+02	4.5168e+01
	176	0.0000e+00	0.0000e+00	0.0000e+00	-3.4557e+01	-6.2950e+02	5.4365e+01
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	-1.4475e+02	-5.3984e+02	2.8660e+02
	185	0.0000e+00	0.0000e+00	0.0000e+00	-6.7752e+01	-6.6284e+02	3.5174e+02
	186	0.0000e+00	0.0000e+00	0.0000e+00	-3.5779e+01	-7.8550e+02	2.2409e+02
	175	0.0000e+00	0.0000e+00	0.0000e+00	-4.0095e+01	-6.2650e+02	1.6055e+02
2352	172	0.0000e+00	0.0000e+00	0.0000e+00	-4.8883e+01	5.1776e+01	9.1953e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	-7.9344e+01	1.1889e+02	1.6207e+02
	184	0.0000e+00	0.0000e+00	0.0000e+00	2.9708e+01	-2.0974e+01	1.9193e+02
	173	0.0000e+00	0.0000e+00	0.0000e+00	-1.6108e+01	-1.3794e+01	1.2088e+02
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	-9.2543e+01	9.8792e+01	4.0386e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	-9.8581e+01	1.6337e+02	5.6240e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	-8.2642e+01	1.4900e+02	1.1268e+02
	172	0.0000e+00	0.0000e+00	0.0000e+00	-6.9630e+01	7.9621e+01	9.1871e+01
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	-9.1395e+01	6.5429e+01	-4.6815e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	-7.8544e+01	9.8176e+01	-5.3779e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	-1.0336e+02	1.5915e+02	-3.0837e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-9.3052e+01	9.1763e+01	4.0050e+01
2355	169	0.0000e+00	0.0000e+00	0.0000e+00	-6.9482e+01	-6.1375e+01	-7.2813e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	-5.3390e+01	-5.2422e+01	-9.0973e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	-8.3033e+01	7.2972e+01	-6.9641e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-8.3981e+01	4.5000e+01	-5.4612e+01
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	-4.8871e+01	-1.7456e+02	-8.2906e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	-3.7024e+01	-1.7440e+02	-9.9377e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	-5.8339e+01	-8.2772e+01	-9.4809e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-6.4118e+01	-9.1552e+01	-7.8666e+01
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	-4.0189e+01	-3.0294e+02	-7.7618e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	-3.0498e+01	-3.1549e+02	-9.0108e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	-4.3836e+01	-2.1658e+02	-9.7622e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-4.7700e+01	-2.1165e+02	-8.4394e+01
2358	166	0.0000e+00	0.0000e+00	0.0000e+00	-4.4025e+01	-4.2316e+02	-5.8118e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	-3.1706e+01	-4.5571e+02	-6.4135e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	-3.8864e+01	-3.5742e+02	-8.4047e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-4.1591e+01	-3.4009e+02	-7.4971e+01
2359	165	0.0000e+00	0.0000e+00	0.0000e+00	-5.4907e+01	-5.0971e+02	4.8369e+01
	176	0.0000e+00	0.0000e+00	0.0000e+00	-3.8109e+01	-5.7167e+02	-3.9224e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	-3.9700e+01	-4.9076e+02	-5.2090e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	-4.6308e+01	-4.5530e+02	-5.4247e+01
2360	164	0.0000e+00	0.0000e+00	0.0000e+00	-6.7759e+01	-5.2335e+02	1.0523e+02
	175	0.0000e+00	0.0000e+00	0.0000e+00	-6.3095e+01	-6.0976e+02	1.2005e+02

	176	0.0000e+00	0.0000e+00	0.0000e+00	-4.5714e+01	-5.8705e+02	5.9789e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-5.7088e+01	-5.2593e+02	5.3415e+01
2361	163	0.0000e+00	0.0000e+00	0.0000e+00	-1.6821e+02	-4.2334e+02	1.8304e+02
	174	0.0000e+00	0.0000e+00	0.0000e+00	-8.8333e+01	-4.9036e+02	2.4102e+02
	175	0.0000e+00	0.0000e+00	0.0000e+00	-6.9551e+01	-5.9258e+02	1.6982e+02
	164	0.0000e+00	0.0000e+00	0.0000e+00	-7.7994e+01	-4.9813e+02	1.1512e+02
2362	161	0.0000e+00	0.0000e+00	0.0000e+00	-2.9594e+01	2.6550e+01	4.4175e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-4.1857e+01	4.4870e+01	8.7374e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	2.0604e+01	-2.3247e+01	9.8695e+01
	162	0.0000e+00	0.0000e+00	0.0000e+00	1.6503e+01	-2.8038e+01	5.2016e+01
2363	160	0.0000e+00	0.0000e+00	0.0000e+00	-6.5388e+01	4.9888e+01	-3.8354e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-7.2546e+01	7.9346e+01	4.6781e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-4.8421e+01	6.3023e+01	6.7739e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-4.4020e+01	4.0004e+01	4.7653e+01
2364	159	0.0000e+00	0.0000e+00	0.0000e+00	-7.6378e+01	-4.0685e+01	-5.1855e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-7.4481e+01	5.1536e+01	-4.7045e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-7.8423e+01	7.9131e+01	-3.7238e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-7.1541e+01	4.9593e+01	-4.2600e+01
2365	158	0.0000e+00	0.0000e+00	0.0000e+00	-6.9654e+01	-8.0880e+01	-6.7441e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-6.1577e+01	-6.9768e+01	-7.3665e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-7.8983e+01	4.2323e+01	-5.8473e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-7.6222e+01	-4.2461e+01	-5.5491e+01
2366	157	0.0000e+00	0.0000e+00	0.0000e+00	-5.9846e+01	-1.7813e+02	-7.5386e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-4.8518e+01	-1.7648e+02	-8.5986e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-6.5754e+01	-9.5760e+01	-8.0096e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-6.8261e+01	-1.0749e+02	-7.0422e+01
2367	156	0.0000e+00	0.0000e+00	0.0000e+00	-5.8097e+01	-2.8897e+02	-7.4188e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-4.4547e+01	-2.9871e+02	-8.2561e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-5.3751e+01	-2.1097e+02	-8.6231e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-6.0284e+01	-2.1111e+02	-7.7138e+01
2368	155	0.0000e+00	0.0000e+00	0.0000e+00	-6.5346e+01	-3.8977e+02	-6.5117e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	-5.0636e+01	-4.1348e+02	-6.5285e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-5.0688e+01	-3.3254e+02	-7.7376e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	-6.0539e+01	-3.2109e+02	-7.4655e+01
2369	154	0.0000e+00	0.0000e+00	0.0000e+00	-7.8315e+01	-4.5460e+02	-5.7121e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-6.2250e+01	-4.9365e+02	-4.8665e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	-5.6629e+01	-4.3882e+02	-5.6676e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	-6.8530e+01	-4.1391e+02	-6.5132e+01
2370	153	0.0000e+00	0.0000e+00	0.0000e+00	-9.7759e+01	-4.5212e+02	7.0339e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	-9.1995e+01	-5.0084e+02	8.4164e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-6.9608e+01	-5.0096e+02	5.6715e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	-8.1952e+01	-4.6142e+02	-5.7410e+01
2371	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.7200e+02	-3.5249e+02	1.0477e+02
	163	0.0000e+00	0.0000e+00	0.0000e+00	-1.2520e+02	-3.9439e+02	1.5177e+02
	164	0.0000e+00	0.0000e+00	0.0000e+00	-9.9881e+01	-4.7893e+02	1.1462e+02
	153	0.0000e+00	0.0000e+00	0.0000e+00	-1.0670e+02	-4.2690e+02	7.5946e+01
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	-3.2862e+01	-4.0232e+01	-3.3311e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-2.7654e+01	3.0527e+01	3.9744e+01
	162	0.0000e+00	0.0000e+00	0.0000e+00	2.2704e+01	-3.5308e+01	3.8005e+01
	151	0.0000e+00	0.0000e+00	0.0000e+00	2.8897e+01	-4.5796e+01	-2.1046e+01
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	-5.8842e+01	4.7052e+01	-4.9906e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-5.7271e+01	4.7444e+01	-4.1840e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-3.5879e+01	3.7233e+01	3.6778e+01
	150	0.0000e+00	0.0000e+00	0.0000e+00	-4.0682e+01	4.3172e+01	-3.8536e+01
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	-7.1823e+01	-4.8985e+01	-6.2168e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-6.8281e+01	-4.2949e+01	-5.4216e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-6.3968e+01	4.6706e+01	-4.5469e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	-6.5238e+01	4.6973e+01	-5.3073e+01
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	-7.2976e+01	-9.5789e+01	-7.0653e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-6.5585e+01	-8.7533e+01	-6.9310e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-7.2800e+01	-4.6288e+01	-6.1449e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	-7.4916e+01	-5.5513e+01	-6.4177e+01
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	-7.1852e+01	-1.8370e+02	-7.5866e+01

157 0.0000e+00 0.0000e+00 0.0000e+00 -6.0816e+01 -1.8097e+02 -7.8592e+01  
158 0.0000e+00 0.0000e+00 0.0000e+00 -6.9457e+01 -1.1041e+02 -7.4329e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -7.4761e+01 -1.1888e+02 -7.2483e+01

2377 145 0.0000e+00 0.0000e+00 0.0000e+00 -7.5486e+01 -2.8402e+02 -7.7577e+01  
156 0.0000e+00 0.0000e+00 0.0000e+00 -6.2565e+01 -2.8772e+02 -7.9585e+01  
157 0.0000e+00 0.0000e+00 0.0000e+00 -6.5329e+01 -2.1057e+02 -7.9838e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -7.4178e+01 -2.1309e+02 -7.7690e+01

2378 144 0.0000e+00 0.0000e+00 0.0000e+00 -8.4236e+01 -3.7421e+02 -7.5834e+01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -7.1237e+01 -3.8450e+02 -7.2720e+01  
156 0.0000e+00 0.0000e+00 0.0000e+00 -6.7625e+01 -3.1657e+02 -7.7108e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -7.8634e+01 -3.1226e+02 -7.9340e+01

2379 143 0.0000e+00 0.0000e+00 0.0000e+00 -9.6541e+01 -4.2859e+02 -7.1537e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -8.4408e+01 -4.4511e+02 -6.2149e+01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -7.6348e+01 -4.0507e+02 -6.7856e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -8.7573e+01 -3.9375e+02 -7.7560e+01

2380 142 0.0000e+00 0.0000e+00 0.0000e+00 -1.1664e+02 -4.1744e+02 -6.6036e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -1.1076e+02 -4.3842e+02 6.0870e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -9.0810e+01 -4.4941e+02 -6.0097e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -1.0007e+02 -4.3060e+02 -7.2960e+01

2381 141 0.0000e+00 0.0000e+00 0.0000e+00 -1.5889e+02 -3.1067e+02 -6.0724e+01  
152 0.0000e+00 0.0000e+00 0.0000e+00 -1.5927e+02 -3.3763e+02 8.3362e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -1.1910e+02 -4.1225e+02 7.4717e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -1.2176e+02 -3.9341e+02 -6.6405e+01

2382 139 0.0000e+00 0.0000e+00 0.0000e+00 -5.1100e+01 -6.1312e+01 -6.6746e+01  
150 0.0000e+00 0.0000e+00 0.0000e+00 -3.3832e+01 -4.6989e+01 -3.9280e+01  
151 0.0000e+00 0.0000e+00 0.0000e+00 3.1240e+01 -5.2349e+01 -2.8003e+01  
140 0.0000e+00 0.0000e+00 0.0000e+00 4.6637e+01 -6.7287e+01 -5.9997e+01

2383 138 0.0000e+00 0.0000e+00 0.0000e+00 -6.9835e+01 6.2357e+01 -6.8890e+01  
149 0.0000e+00 0.0000e+00 0.0000e+00 -5.9095e+01 5.2360e+01 -5.3570e+01  
150 0.0000e+00 0.0000e+00 0.0000e+00 -4.2068e+01 -4.8075e+01 -4.6472e+01  
139 0.0000e+00 0.0000e+00 0.0000e+00 -5.5295e+01 6.2344e+01 -6.4018e+01

2384 137 0.0000e+00 0.0000e+00 0.0000e+00 -7.8798e+01 -5.8418e+01 -7.2566e+01  
148 0.0000e+00 0.0000e+00 0.0000e+00 -7.1655e+01 -5.2837e+01 -6.4950e+01  
149 0.0000e+00 0.0000e+00 0.0000e+00 -6.5329e+01 -5.0470e+01 -6.0217e+01  
138 0.0000e+00 0.0000e+00 0.0000e+00 -7.4578e+01 5.9225e+01 -6.7762e+01

2385 136 0.0000e+00 0.0000e+00 0.0000e+00 -8.1151e+01 -1.0346e+02 -7.7349e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -7.3502e+01 -9.8828e+01 -7.3659e+01  
148 0.0000e+00 0.0000e+00 0.0000e+00 -7.5218e+01 -5.9259e+01 -6.9909e+01  
137 0.0000e+00 0.0000e+00 0.0000e+00 -8.2340e+01 -6.2889e+01 -7.3688e+01

2386 135 0.0000e+00 0.0000e+00 0.0000e+00 -8.3358e+01 -1.8925e+02 -8.1629e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -7.4106e+01 -1.8590e+02 -7.9814e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -7.6744e+01 -1.2088e+02 -7.6850e+01  
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2387 134 0.0000e+00 0.0000e+00 0.0000e+00 -8.8672e+01 -2.8647e+02 -8.4657e+01  
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135 0.0000e+00 0.0000e+00 0.0000e+00 -8.6169e+01 -2.1760e+02 -8.3491e+01

2388 133 0.0000e+00 0.0000e+00 0.0000e+00 -9.6901e+01 -3.7481e+02 -8.6236e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -8.8318e+01 -3.7279e+02 -8.2527e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -8.3397e+01 -3.1157e+02 -8.2396e+01  
134 0.0000e+00 0.0000e+00 0.0000e+00 -9.1600e+01 -3.1368e+02 -8.6414e+01

2389 132 0.0000e+00 0.0000e+00 0.0000e+00 -1.0634e+02 -4.2909e+02 -8.7310e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -1.0014e+02 -4.2512e+02 -7.9163e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -9.2401e+01 -3.9224e+02 -8.0196e+01  
133 0.0000e+00 0.0000e+00 0.0000e+00 -9.9537e+01 -3.9352e+02 -8.8355e+01

2390 131 0.0000e+00 0.0000e+00 0.0000e+00 -1.2260e+02 -4.1538e+02 -9.0306e+01  
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143 0.0000e+00 0.0000e+00 0.0000e+00 -1.0449e+02 -4.2947e+02 -7.5018e+01  
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2391 130 0.0000e+00 0.0000e+00 0.0000e+00 -1.2996e+02 -2.9314e+02 -8.3286e+01  
141 0.0000e+00 0.0000e+00 0.0000e+00 -1.8585e+02 -3.0798e+02 -6.0128e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -1.2522e+02 -3.7929e+02 -6.7711e+01  
131 0.0000e+00 0.0000e+00 0.0000e+00 -1.2309e+02 -3.9242e+02 -8.9472e+01

2392 128 0.0000e+00 0.0000e+00 0.0000e+00 -8.5301e+01 9.2469e+01 -1.1014e+02  
139 0.0000e+00 0.0000e+00 0.0000e+00 -5.3992e+01 -7.0190e+01 -7.2574e+01  
140 0.0000e+00 0.0000e+00 0.0000e+00 -4.7996e+01 -7.4675e+01 -7.5079e+01  
129 0.0000e+00 0.0000e+00 0.0000e+00 7.8229e+01 -9.1770e+01 -1.1549e+02

2393 127 0.0000e+00 0.0000e+00 0.0000e+00 -9.3189e+01 8.6540e+01 -8.2585e+01  
138 0.0000e+00 0.0000e+00 0.0000e+00 -7.6264e+01 7.0722e+01 -7.0242e+01  
139 0.0000e+00 0.0000e+00 0.0000e+00 -6.3367e+01 7.0658e+01 -7.8806e+01  
128 0.0000e+00 0.0000e+00 0.0000e+00 -8.5550e+01 9.7781e+01 -9.2489e+01

2394 126 0.0000e+00 0.0000e+00 0.0000e+00 -9.1117e+01 -6.5582e+01 -7.6732e+01  
137 0.0000e+00 0.0000e+00 0.0000e+00 -8.3489e+01 -5.9775e+01 -7.4383e+01  
138 0.0000e+00 0.0000e+00 0.0000e+00 -7.9828e+01 6.5641e+01 -7.5234e+01  
127 0.0000e+00 0.0000e+00 0.0000e+00 -9.4732e+01 8.0617e+01 -7.6384e+01

2395 125 0.0000e+00 0.0000e+00 0.0000e+00 -8.8932e+01 -1.0873e+02 -8.1541e+01  
136 0.0000e+00 0.0000e+00 0.0000e+00 -8.3459e+01 -1.0368e+02 -8.0287e+01  
137 0.0000e+00 0.0000e+00 0.0000e+00 -8.4723e+01 -6.6189e+01 -7.7532e+01  
126 0.0000e+00 0.0000e+00 0.0000e+00 -9.2606e+01 -6.5487e+01 -7.8382e+01

2396 124 0.0000e+00 0.0000e+00 0.0000e+00 -8.9172e+01 -1.9690e+02 -8.7083e+01  
135 0.0000e+00 0.0000e+00 0.0000e+00 -8.4938e+01 -1.9122e+02 -8.5512e+01  
136 0.0000e+00 0.0000e+00 0.0000e+00 -8.5667e+01 -1.2661e+02 -8.2200e+01  
125 0.0000e+00 0.0000e+00 0.0000e+00 -9.0380e+01 -1.2898e+02 -8.4110e+01

2397 123 0.0000e+00 0.0000e+00 0.0000e+00 -9.2272e+01 -2.9502e+02 -9.1412e+01  
134 0.0000e+00 0.0000e+00 0.0000e+00 -9.0160e+01 -2.8871e+02 -8.9215e+01  
135 0.0000e+00 0.0000e+00 0.0000e+00 -8.8126e+01 -2.1835e+02 -8.6501e+01  
124 0.0000e+00 0.0000e+00 0.0000e+00 -9.0770e+01 -2.2259e+02 -8.9281e+01

2398 122 0.0000e+00 0.0000e+00 0.0000e+00 -9.7842e+01 -3.8744e+02 -9.4062e+01  
133 0.0000e+00 0.0000e+00 0.0000e+00 -9.8200e+01 -3.7657e+02 -9.1364e+01  
134 0.0000e+00 0.0000e+00 0.0000e+00 -9.3642e+01 -3.1557e+02 -8.9338e+01  
123 0.0000e+00 0.0000e+00 0.0000e+00 -9.3931e+01 -3.1999e+02 -9.2875e+01

2399 121 0.0000e+00 0.0000e+00 0.0000e+00 -1.0437e+02 -4.5337e+02 -9.8106e+01  
132 0.0000e+00 0.0000e+00 0.0000e+00 -1.0747e+02 -4.3076e+02 -9.4205e+01  
133 0.0000e+00 0.0000e+00 0.0000e+00 -1.0137e+02 -3.9807e+02 -9.0475e+01  
122 0.0000e+00 0.0000e+00 0.0000e+00 -9.9162e+01 -4.0571e+02 -9.5259e+01

2400 120 0.0000e+00 0.0000e+00 0.0000e+00 -1.1498e+02 -4.5185e+02 -1.1651e+02  
131 0.0000e+00 0.0000e+00 0.0000e+00 -1.1452e+02 -4.1545e+02 -1.0201e+02  
132 0.0000e+00 0.0000e+00 0.0000e+00 -1.0958e+02 -4.3945e+02 -9.2420e+01  
121 0.0000e+00 0.0000e+00 0.0000e+00 -1.0503e+02 -4.5262e+02 -1.0535e+02

2401 119 0.0000e+00 0.0000e+00 0.0000e+00 -9.7416e+01 -3.0527e+02 -1.3793e+02  
130 0.0000e+00 0.0000e+00 0.0000e+00 -2.0152e+02 -3.0326e+02 -1.0100e+02  
131 0.0000e+00 0.0000e+00 0.0000e+00 -1.1822e+02 -3.7834e+02 -8.8831e+01  
120 0.0000e+00 0.0000e+00 0.0000e+00 -1.1197e+02 -4.2858e+02 -1.2114e+02

2402 116 0.0000e+00 0.0000e+00 0.0000e+00 -1.4955e+02 2.0277e+02 -1.4634e+02  
128 0.0000e+00 0.0000e+00 0.0000e+00 -9.4452e+01 1.1133e+02 -1.0103e+02  
129 0.0000e+00 0.0000e+00 0.0000e+00 -8.4464e+01 -1.0397e+02 -1.3364e+02  
118 0.0000e+00 0.0000e+00 0.0000e+00 -1.4959e+02 -1.2685e+02 -1.8260e+02

2403 114 0.0000e+00 0.0000e+00 0.0000e+00 -1.2512e+02 1.5492e+02 -6.7871e+01  
127 0.0000e+00 0.0000e+00 0.0000e+00 -1.0860e+02 1.0238e+02 -7.6130e+01  
128 0.0000e+00 0.0000e+00 0.0000e+00 -1.0130e+02 1.1139e+02 -1.0512e+02  
116 0.0000e+00 0.0000e+00 0.0000e+00 -1.3876e+02 1.3357e+02 -9.4935e+01

2404 112 0.0000e+00 0.0000e+00 0.0000e+00 -1.0527e+02 8.3863e+01 -6.7194e+01  
126 0.0000e+00 0.0000e+00 0.0000e+00 -9.7578e+01 -6.5335e+01 -7.6008e+01  
127 0.0000e+00 0.0000e+00 0.0000e+00 -1.0056e+02 9.0739e+01 -7.6261e+01  
114 0.0000e+00 0.0000e+00 0.0000e+00 -1.1970e+02 8.5599e+01 -6.6214e+01

2405 110 0.0000e+00 0.0000e+00 0.0000e+00 -9.1058e+01 -1.0046e+02 -7.6667e+01  
125 0.0000e+00 0.0000e+00 0.0000e+00 -9.0157e+01 -1.0800e+02 -8.2712e+01  
126 0.0000e+00 0.0000e+00 0.0000e+00 -9.3665e+01 -7.0232e+01 -7.7555e+01  
112 0.0000e+00 0.0000e+00 0.0000e+00 -1.0051e+02 -7.8750e+01 -7.1537e+01

2406 108 0.0000e+00 0.0000e+00 0.0000e+00 -8.2000e+01 -1.8681e+02 -8.6006e+01  
124 0.0000e+00 0.0000e+00 0.0000e+00 -8.7785e+01 -1.9887e+02 -8.9493e+01  
125 0.0000e+00 0.0000e+00 0.0000e+00 -8.9320e+01 -1.3005e+02 -8.3835e+01  
110 0.0000e+00 0.0000e+00 0.0000e+00 -8.7886e+01 -1.5333e+02 -8.0511e+01

2407 106 0.0000e+00 0.0000e+00 0.0000e+00 -7.7358e+01 -2.8464e+02 -9.3383e+01  
123 0.0000e+00 0.0000e+00 0.0000e+00 -8.9300e+01 -2.9770e+02 -9.4663e+01  
124 0.0000e+00 0.0000e+00 0.0000e+00 -8.8831e+01 -2.2357e+02 -8.9845e+01



108 0.0000e+00 0.0000e+00 0.0000e+00 -8.0276e+01 -2.4832e+02 -8.8744e+01

2408 104 0.0000e+00 0.0000e+00 0.0000e+00 -7.6471e+01 -3.8036e+02 -9.7784e+01  
122 0.0000e+00 0.0000e+00 0.0000e+00 -9.3739e+01 -3.9052e+02 -9.7427e+01  
123 0.0000e+00 0.0000e+00 0.0000e+00 -9.1570e+01 -3.2261e+02 -9.4080e+01  
106 0.0000e+00 0.0000e+00 0.0000e+00 -7.6593e+01 -3.4688e+02 -9.4785e+01

2409 102 0.0000e+00 0.0000e+00 0.0000e+00 -7.9037e+01 -4.6273e+02 -1.0089e+02  
121 0.0000e+00 0.0000e+00 0.0000e+00 -1.0059e+02 -4.5807e+02 -1.0068e+02  
122 0.0000e+00 0.0000e+00 0.0000e+00 -9.6970e+01 -4.1349e+02 -9.6174e+01  
104 0.0000e+00 0.0000e+00 0.0000e+00 -7.6037e+01 -4.4182e+02 -9.7804e+01

2410 100 0.0000e+00 0.0000e+00 0.0000e+00 -8.9999e+01 -5.0346e+02 -1.2273e+02  
120 0.0000e+00 0.0000e+00 0.0000e+00 -1.0357e+02 -4.5699e+02 -1.2358e+02  
121 0.0000e+00 0.0000e+00 0.0000e+00 -1.0490e+02 -4.7549e+02 -1.0201e+02  
102 0.0000e+00 0.0000e+00 0.0000e+00 -7.7963e+01 -5.1645e+02 -1.0386e+02

2411 99 0.0000e+00 0.0000e+00 0.0000e+00 1.1103e+02 -3.6487e+02 -1.9805e+02  
119 0.0000e+00 0.0000e+00 0.0000e+00 -1.9808e+02 -3.3120e+02 -1.6524e+02  
120 0.0000e+00 0.0000e+00 0.0000e+00 -1.0583e+02 -4.2371e+02 -1.0814e+02  
100 0.0000e+00 0.0000e+00 0.0000e+00 -8.7175e+01 -5.4286e+02 -1.3735e+02

2412 117 0.0000e+00 0.0000e+00 0.0000e+00 2.8363e+02 -1.1807e+02 -8.5905e+01  
116 0.0000e+00 0.0000e+00 0.0000e+00 -2.0865e+02 2.6162e+02 -1.4897e+02  
118 0.0000e+00 0.0000e+00 0.0000e+00 -1.6364e+02 -1.5321e+02 -3.0208e+02  
2 0.0000e+00 0.0000e+00 0.0000e+00 4.6886e+02 7.1492e+02 -2.2677e+02

2413 115 0.0000e+00 0.0000e+00 0.0000e+00 1.8322e+02 -1.4390e+02 -6.3745e+01  
114 0.0000e+00 0.0000e+00 0.0000e+00 1.5690e+02 1.4623e+02 -8.6138e+01  
116 0.0000e+00 0.0000e+00 0.0000e+00 -1.7941e+02 1.8612e+02 -1.0316e+02  
117 0.0000e+00 0.0000e+00 0.0000e+00 2.6225e+02 4.8790e+02 -8.6912e+01

2414 113 0.0000e+00 0.0000e+00 0.0000e+00 1.2130e+02 -2.2175e+02 -5.9286e+01  
112 0.0000e+00 0.0000e+00 0.0000e+00 1.2278e+02 -7.5581e+01 -7.6025e+01  
114 0.0000e+00 0.0000e+00 0.0000e+00 -1.2697e+02 1.1605e+02 -7.1776e+01  
115 0.0000e+00 0.0000e+00 0.0000e+00 1.7340e+02 3.4519e+02 -5.8813e+01

2415 111 0.0000e+00 0.0000e+00 0.0000e+00 8.0437e+01 -3.1352e+02 -6.7028e+01  
110 0.0000e+00 0.0000e+00 0.0000e+00 9.7835e+01 -1.1058e+02 -8.3266e+01  
112 0.0000e+00 0.0000e+00 0.0000e+00 -9.9500e+01 -7.9440e+01 -7.4999e+01  
113 0.0000e+00 0.0000e+00 0.0000e+00 1.1601e+02 2.2973e+02 -5.9547e+01

2416 109 0.0000e+00 0.0000e+00 0.0000e+00 -5.2205e+01 -4.0956e+02 -7.7174e+01  
108 0.0000e+00 0.0000e+00 0.0000e+00 8.0592e+01 -1.9966e+02 -9.2736e+01  
110 0.0000e+00 0.0000e+00 0.0000e+00 -8.3022e+01 -1.4364e+02 -8.4676e+01  
111 0.0000e+00 0.0000e+00 0.0000e+00 7.7162e+01 1.3667e+02 -6.9153e+01

2417 107 0.0000e+00 0.0000e+00 0.0000e+00 -3.3007e+01 -5.0653e+02 -8.6058e+01  
106 0.0000e+00 0.0000e+00 0.0000e+00 6.9797e+01 -2.9758e+02 -1.0017e+02  
108 0.0000e+00 0.0000e+00 0.0000e+00 -7.3635e+01 -2.3790e+02 -9.3615e+01  
109 0.0000e+00 0.0000e+00 0.0000e+00 4.8917e+01 -1.0494e+02 -7.9481e+01

2418 105 0.0000e+00 0.0000e+00 0.0000e+00 -2.8857e+01 -6.0229e+02 -9.3134e+01  
104 0.0000e+00 0.0000e+00 0.0000e+00 -6.5339e+01 -3.9502e+02 -1.0436e+02  
106 0.0000e+00 0.0000e+00 0.0000e+00 -6.8805e+01 -3.3603e+02 -9.9459e+01  
107 0.0000e+00 0.0000e+00 0.0000e+00 -2.7986e+01 -1.6557e+02 -8.8323e+01

2419 103 0.0000e+00 0.0000e+00 0.0000e+00 -4.3875e+01 -6.9641e+02 -1.0057e+02  
102 0.0000e+00 0.0000e+00 0.0000e+00 -6.9527e+01 -4.8367e+02 -1.0760e+02  
104 0.0000e+00 0.0000e+00 0.0000e+00 -6.6488e+01 -4.3167e+02 -1.0230e+02  
105 0.0000e+00 0.0000e+00 0.0000e+00 -2.1358e+01 -2.5554e+02 -9.5865e+01

2420 101 0.0000e+00 0.0000e+00 0.0000e+00 -6.9979e+01 -7.9486e+02 -1.2028e+02  
100 0.0000e+00 0.0000e+00 0.0000e+00 9.8449e+01 -5.3222e+02 -1.3148e+02  
102 0.0000e+00 0.0000e+00 0.0000e+00 -6.1970e+01 -5.2339e+02 -1.1121e+02  
103 0.0000e+00 0.0000e+00 0.0000e+00 -3.7454e+01 -3.3901e+02 -1.0443e+02

2421 1 0.0000e+00 0.0000e+00 0.0000e+00 1.4298e+02 -9.2247e+02 -2.2150e+02  
99 0.0000e+00 0.0000e+00 0.0000e+00 -1.3919e+02 -4.2200e+02 -2.7106e+02  
100 0.0000e+00 0.0000e+00 0.0000e+00 8.1217e+01 -5.6358e+02 -1.3530e+02  
101 0.0000e+00 0.0000e+00 0.0000e+00 -6.0231e+01 -3.8990e+02 -1.1143e+02

SFORZI "Dinamica SLOh X" (Fase 1)

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	-2.4009e+01	1.7784e+02	3.4467e+02
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-1.8653e+02	-1.4114e+02	1.3276e+02

	84	0.0000e+00	0.0000e+00	0.0000e+00	1.3692e+02	-3.7371e+02	-4.5013e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-7.5942e+02	-3.2702e+02	1.6690e+02
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	4.9675e+01	8.7198e+01	1.7506e+02
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-2.6331e+01	5.0665e+01	1.3370e+02
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-4.7857e+01	-2.6945e+00	1.7271e+02
	1703	0.0000e+00	0.0000e+00	0.0000e+00	-9.6241e+00	-1.1499e+02	2.1408e+02
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	6.0599e+01	6.8387e+01	9.1529e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	2.8577e+00	7.2345e+01	8.9439e+01
	1892	0.0000e+00	0.0000e+00	0.0000e+00	9.6770e+00	6.8890e+01	1.4191e+02
	1702	0.0000e+00	0.0000e+00	0.0000e+00	4.9591e+01	-3.5114e+01	1.4400e+02
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	5.8348e+01	5.3321e+01	2.4491e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	9.3467e+00	8.4639e+01	2.6239e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	1.3060e+01	8.4601e+01	7.7510e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	5.8015e+01	1.0459e+01	7.5763e+01
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	5.7692e+01	3.0965e+01	-3.8537e+01
	1889	0.0000e+00	0.0000e+00	0.0000e+00	1.1336e+01	8.7857e+01	-3.8680e+01
	1890	0.0000e+00	0.0000e+00	0.0000e+00	1.1258e+01	8.7591e+01	1.2073e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	5.7491e+01	4.0309e+01	1.2212e+01
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	5.0519e+01	-4.7220e+00	-1.0447e+02
	1888	0.0000e+00	0.0000e+00	0.0000e+00	8.8714e+00	7.9563e+01	-1.0201e+02
	1889	0.0000e+00	0.0000e+00	0.0000e+00	5.5150e+00	8.1865e+01	-5.0965e+01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	5.8672e+01	6.1166e+01	-5.3421e+01
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	3.1723e+00	-6.8952e+01	-1.7198e+02
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-3.8285e+01	2.8410e+01	-1.3753e+02
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-1.8611e+01	6.7696e+01	-9.7600e+01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	4.9765e+01	8.2941e+01	-1.3205e+02
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-6.1517e+02	-2.4216e+02	-1.4410e+02
	83	0.0000e+00	0.0000e+00	0.0000e+00	1.1339e+02	-2.7647e+02	3.1102e+01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-1.5067e+02	-8.6869e+01	-1.0677e+02
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-1.0554e+01	1.6241e+02	-2.8197e+02
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	-1.0547e+01	1.6241e+02	2.8197e+02
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-1.5066e+02	-8.6836e+01	1.0677e+02
	83	0.0000e+00	0.0000e+00	0.0000e+00	1.1338e+02	-2.7646e+02	-3.1112e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	-6.1516e+02	-2.4211e+02	1.4410e+02
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	4.9768e+01	8.2941e+01	1.3205e+02
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-1.8607e+01	6.7717e+01	9.7599e+01
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-3.8285e+01	2.8431e+01	1.3753e+02
	1654	0.0000e+00	0.0000e+00	0.0000e+00	3.1773e+00	-6.8912e+01	1.7198e+02
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	5.8673e+01	6.1161e+01	5.3419e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	5.5179e+00	8.1877e+01	5.0963e+01
	1885	0.0000e+00	0.0000e+00	0.0000e+00	8.8702e+00	7.9576e+01	1.0201e+02
	1653	0.0000e+00	0.0000e+00	0.0000e+00	5.0524e+01	-4.6928e+00	1.0447e+02
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	5.7491e+01	4.0297e+01	-1.2208e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	1.1260e+01	8.7595e+01	-1.2070e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	1.1334e+01	8.7862e+01	3.8677e+01
	1652	0.0000e+00	0.0000e+00	0.0000e+00	5.7694e+01	3.0984e+01	3.8534e+01
686	1650	0.0000e+00	0.0000e+00	0.0000e+00	5.8013e+01	1.0441e+01	-7.5764e+01
	1882	0.0000e+00	0.0000e+00	0.0000e+00	1.3062e+01	8.4597e+01	-7.7511e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	9.3445e+00	8.4636e+01	-2.6238e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	5.8349e+01	5.3333e+01	-2.4490e+01
687	1649	0.0000e+00	0.0000e+00	0.0000e+00	4.9586e+01	-3.5137e+01	-1.4400e+02
	1881	0.0000e+00	0.0000e+00	0.0000e+00	9.6783e+00	6.8878e+01	-1.4191e+02
	1882	0.0000e+00	0.0000e+00	0.0000e+00	2.8535e+00	7.2335e+01	-8.9439e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	6.0599e+01	6.8392e+01	-9.1530e+01
688	1648	0.0000e+00	0.0000e+00	0.0000e+00	-9.6248e+00	-1.1503e+02	-2.1408e+02
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-4.7857e+01	-2.6665e+00	-1.7271e+02
	1881	0.0000e+00	0.0000e+00	0.0000e+00	-2.6334e+01	5.0646e+01	-1.3370e+02
	1649	0.0000e+00	0.0000e+00	0.0000e+00	4.9673e+01	8.7198e+01	-1.7506e+02
689	27	0.0000e+00	0.0000e+00	0.0000e+00	-7.5943e+02	-3.2707e+02	-1.6691e+02
	82	0.0000e+00	0.0000e+00	0.0000e+00	1.3692e+02	-3.7371e+02	4.5001e+01
	1880	0.0000e+00	0.0000e+00	0.0000e+00	-1.8653e+02	-1.4117e+02	-1.3277e+02
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-2.4013e+01	1.7784e+02	-3.4467e+02
690	1879	0.0000e+00	0.0000e+00	0.0000e+00	1.8426e+02	8.8616e+01	-6.7798e+01

	882	0.0000e+00	0.0000e+00	0.0000e+00	8.0701e+01	-1.6775e+02	2.9548e+02
	7	0.0000e+00	0.0000e+00	0.0000e+00	6.7252e+02	2.7213e+02	1.5912e+02
	73	0.0000e+00	0.0000e+00	0.0000e+00	1.2272e+02	3.0365e+02	-9.5407e+01
691	1878	0.0000e+00	0.0000e+00	0.0000e+00	2.7912e+01	-4.6594e+01	9.3616e+01
	880	0.0000e+00	0.0000e+00	0.0000e+00	-4.0870e+01	-7.6662e+01	1.4307e+02
	882	0.0000e+00	0.0000e+00	0.0000e+00	4.5679e+01	8.7841e+01	1.7270e+02
	1879	0.0000e+00	0.0000e+00	0.0000e+00	5.0254e+01	-5.3337e+00	1.2390e+02
692	1877	0.0000e+00	0.0000e+00	0.0000e+00	-4.0664e+00	-6.6490e+01	5.7391e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	-6.0969e+01	-5.3794e+01	6.4525e+01
	880	0.0000e+00	0.0000e+00	0.0000e+00	-4.4840e+01	2.0886e+01	1.1109e+02
	1878	0.0000e+00	0.0000e+00	0.0000e+00	-6.5542e+00	-6.1999e+01	1.0407e+02
693	1876	0.0000e+00	0.0000e+00	0.0000e+00	-1.1110e+01	-7.4843e+01	8.2959e-01
	876	0.0000e+00	0.0000e+00	0.0000e+00	-6.2568e+01	-3.7825e+01	1.9653e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	-6.0765e+01	-1.4833e+01	4.8405e+01
	1877	0.0000e+00	0.0000e+00	0.0000e+00	-1.1978e+01	-7.4339e+01	4.8091e+01
694	1875	0.0000e+00	0.0000e+00	0.0000e+00	-1.1882e+01	-7.4809e+01	-5.9950e+01
	874	0.0000e+00	0.0000e+00	0.0000e+00	-6.0743e+01	-1.5643e+01	-6.0303e+01
	876	0.0000e+00	0.0000e+00	0.0000e+00	-6.2534e+01	-3.7370e+01	-1.2351e+01
	1876	0.0000e+00	0.0000e+00	0.0000e+00	-1.1135e+01	-7.4906e+01	-1.2073e+01
695	1874	0.0000e+00	0.0000e+00	0.0000e+00	-6.2642e+00	-6.2819e+01	-1.1635e+02
	872	0.0000e+00	0.0000e+00	0.0000e+00	-4.4580e+01	2.0164e+01	-1.2341e+02
	874	0.0000e+00	0.0000e+00	0.0000e+00	-6.0876e+01	-5.4142e+01	-7.6432e+01
	1875	0.0000e+00	0.0000e+00	0.0000e+00	-3.9719e+00	-6.6980e+01	-6.9347e+01
696	1873	0.0000e+00	0.0000e+00	0.0000e+00	5.0229e+01	-6.0877e+00	-1.3675e+02
	870	0.0000e+00	0.0000e+00	0.0000e+00	4.6288e+01	8.8496e+01	-1.8571e+02
	872	0.0000e+00	0.0000e+00	0.0000e+00	-4.0461e+01	-7.7994e+01	-1.5553e+02
	1874	0.0000e+00	0.0000e+00	0.0000e+00	2.8304e+01	-4.6989e+01	-1.0605e+02
697	72	0.0000e+00	0.0000e+00	0.0000e+00	1.2485e+02	3.0354e+02	8.4405e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	6.7094e+02	2.7513e+02	-1.7365e+02
	870	0.0000e+00	0.0000e+00	0.0000e+00	8.1600e+01	-1.6939e+02	-3.0870e+02
	1873	0.0000e+00	0.0000e+00	0.0000e+00	1.8536e+02	8.6518e+01	-7.7359e+01
698	1872	0.0000e+00	0.0000e+00	0.0000e+00	1.8537e+02	8.6556e+01	7.7590e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	8.1617e+01	-1.6939e+02	3.0870e+02
	6	0.0000e+00	0.0000e+00	0.0000e+00	6.7095e+02	2.7518e+02	1.7364e+02
	72	0.0000e+00	0.0000e+00	0.0000e+00	1.2482e+02	3.0358e+02	-8.4508e+01
699	1871	0.0000e+00	0.0000e+00	0.0000e+00	2.8309e+01	-4.6958e+01	1.0612e+02
	794	0.0000e+00	0.0000e+00	0.0000e+00	-4.0458e+01	-7.7971e+01	1.5555e+02
	796	0.0000e+00	0.0000e+00	0.0000e+00	4.6305e+01	8.8536e+01	1.8574e+02
	1872	0.0000e+00	0.0000e+00	0.0000e+00	5.0229e+01	-6.0520e+00	1.3683e+02
700	1870	0.0000e+00	0.0000e+00	0.0000e+00	-3.9662e+00	-6.6950e+01	6.9406e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	-6.0874e+01	-5.4110e+01	7.6462e+01
	794	0.0000e+00	0.0000e+00	0.0000e+00	-4.4575e+01	2.0208e+01	1.2345e+02
	1871	0.0000e+00	0.0000e+00	0.0000e+00	-6.2642e+00	-6.2790e+01	1.1640e+02
701	1869	0.0000e+00	0.0000e+00	0.0000e+00	-1.1132e+01	-7.4878e+01	1.2178e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	-6.2533e+01	-3.7351e+01	1.2420e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	-6.0740e+01	-1.5589e+01	6.0347e+01
	1870	0.0000e+00	0.0000e+00	0.0000e+00	-1.1884e+01	-7.4782e+01	6.0001e+01
702	1868	0.0000e+00	0.0000e+00	0.0000e+00	-1.1977e+01	-7.4319e+01	-4.8052e+01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-6.0768e+01	-1.4845e+01	-4.8379e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	-6.2566e+01	-3.7762e+01	-2.3514e+00
	1869	0.0000e+00	0.0000e+00	0.0000e+00	-1.1111e+01	-7.4824e+01	-1.1841e+00
703	1867	0.0000e+00	0.0000e+00	0.0000e+00	-6.5194e+00	-6.1991e+01	-1.0400e+02
	786	0.0000e+00	0.0000e+00	0.0000e+00	-4.4839e+01	2.0826e+01	-1.1105e+02
	788	0.0000e+00	0.0000e+00	0.0000e+00	-6.0970e+01	-5.3737e+01	-6.4510e+01
	1868	0.0000e+00	0.0000e+00	0.0000e+00	-4.0733e+00	-6.6484e+01	-5.7331e+01
704	1866	0.0000e+00	0.0000e+00	0.0000e+00	5.0223e+01	-5.3485e+00	-1.2374e+02
	784	0.0000e+00	0.0000e+00	0.0000e+00	4.5438e+01	8.7748e+01	-1.7266e+02
	786	0.0000e+00	0.0000e+00	0.0000e+00	-4.0844e+01	-7.6642e+01	-1.4305e+02
	1867	0.0000e+00	0.0000e+00	0.0000e+00	2.7904e+01	-4.6600e+01	-9.3491e+01
705	71	0.0000e+00	0.0000e+00	0.0000e+00	1.2159e+02	3.0343e+02	9.5189e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	6.7248e+02	2.7203e+02	-1.5914e+02
	784	0.0000e+00	0.0000e+00	0.0000e+00	8.0348e+01	-1.6775e+02	-2.9547e+02
	1866	0.0000e+00	0.0000e+00	0.0000e+00	1.8425e+02	8.8563e+01	6.7030e+01

706 1865 0.0000e+00 0.0000e+00 0.0000e+00 2.0225e+02 1.3129e+02 -4.3482e+01  
1023 0.0000e+00 0.0000e+00 0.0000e+00 9.8393e+01 -1.7070e+02 2.7025e+02  
9 0.0000e+00 0.0000e+00 0.0000e+00 6.8831e+02 2.9081e+02 1.4355e+02  
75 0.0000e+00 0.0000e+00 0.0000e+00 1.1005e+02 2.8162e+02 -1.1537e+02

707 1864 0.0000e+00 0.0000e+00 0.0000e+00 3.7373e+01 -3.4518e+01 5.8055e+01  
1021 0.0000e+00 0.0000e+00 0.0000e+00 -3.1863e+01 -6.4566e+01 1.2324e+02  
1023 0.0000e+00 0.0000e+00 0.0000e+00 5.4024e+01 1.0318e+02 1.4915e+02  
1865 0.0000e+00 0.0000e+00 0.0000e+00 7.8153e+01 1.3792e+01 8.4632e+01

708 1863 0.0000e+00 0.0000e+00 0.0000e+00 -2.3931e+00 -5.3742e+01 2.9164e+01  
1019 0.0000e+00 0.0000e+00 0.0000e+00 -6.1882e+01 -3.0493e+01 4.3010e+01  
1021 0.0000e+00 0.0000e+00 0.0000e+00 -3.9920e+01 3.3251e+01 8.8940e+01  
1864 0.0000e+00 0.0000e+00 0.0000e+00 3.8868e+00 -4.7851e+01 7.5330e+01

709 1862 0.0000e+00 0.0000e+00 0.0000e+00 -9.5535e+00 -5.9015e+01 -2.6085e+01  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -6.3506e+01 -4.4556e+00 -2.6135e+01  
1019 0.0000e+00 0.0000e+00 0.0000e+00 -6.3464e+01 -3.2376e+00 2.3092e+01  
1863 0.0000e+00 0.0000e+00 0.0000e+00 -9.7050e+00 -5.8901e+01 2.3156e+01

710 1861 0.0000e+00 0.0000e+00 0.0000e+00 4.1645e+00 -4.8568e+01 -7.8561e+01  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -3.9930e+01 3.1825e+01 -9.1949e+01  
1017 0.0000e+00 0.0000e+00 0.0000e+00 -6.1808e+01 -2.9921e+01 -4.5756e+01  
1862 0.0000e+00 0.0000e+00 0.0000e+00 -2.5229e+00 -5.4242e+01 -3.2528e+01

711 1860 0.0000e+00 0.0000e+00 0.0000e+00 7.8372e+01 1.2906e+01 -8.8545e+01  
1013 0.0000e+00 0.0000e+00 0.0000e+00 5.4992e+01 1.0125e+02 -1.5224e+02  
1015 0.0000e+00 0.0000e+00 0.0000e+00 -3.1848e+01 -6.4552e+01 -1.2609e+02  
1861 0.0000e+00 0.0000e+00 0.0000e+00 3.7327e+01 -3.5575e+01 -6.1900e+01

712 74 0.0000e+00 0.0000e+00 0.0000e+00 1.1444e+02 2.8118e+02 1.1411e+02  
8 0.0000e+00 0.0000e+00 0.0000e+00 6.8809e+02 2.8842e+02 -1.4632e+02  
1013 0.0000e+00 0.0000e+00 0.0000e+00 9.9746e+01 -1.7130e+02 -2.7318e+02  
1860 0.0000e+00 0.0000e+00 0.0000e+00 2.0239e+02 1.2948e+02 5.0087e+01

713 1599 0.0000e+00 0.0000e+00 0.0000e+00 -3.7844e+01 1.7741e+02 3.0005e+02  
1859 0.0000e+00 0.0000e+00 0.0000e+00 -2.0049e+02 -1.8837e+02 8.8680e+01  
86 0.0000e+00 0.0000e+00 0.0000e+00 1.6013e+02 -3.5711e+02 -8.0364e+01  
31 0.0000e+00 0.0000e+00 0.0000e+00 -7.7417e+02 -3.4258e+02 1.3101e+02

714 1598 0.0000e+00 0.0000e+00 0.0000e+00 4.5819e+01 6.6467e+01 1.3558e+02  
1858 0.0000e+00 0.0000e+00 0.0000e+00 -3.2796e+01 4.2867e+01 7.9647e+01  
1859 0.0000e+00 0.0000e+00 0.0000e+00 -7.8655e+01 -2.0707e+01 1.1593e+02  
1599 0.0000e+00 0.0000e+00 0.0000e+00 -8.1249e+00 -1.2593e+02 1.7186e+02

715 1597 0.0000e+00 0.0000e+00 0.0000e+00 6.6185e+01 3.3744e+01 4.7092e+01  
1857 0.0000e+00 0.0000e+00 0.0000e+00 4.7370e+00 6.0044e+01 3.8334e+01  
1858 0.0000e+00 0.0000e+00 0.0000e+00 5.3763e+00 5.4152e+01 9.3969e+01  
1598 0.0000e+00 0.0000e+00 0.0000e+00 4.9955e+01 -4.4732e+01 1.0273e+02

716 1596 0.0000e+00 0.0000e+00 0.0000e+00 6.6660e+01 1.9291e+00 -3.0112e+01  
1856 0.0000e+00 0.0000e+00 0.0000e+00 1.1809e+01 6.6126e+01 -3.0065e+01  
1857 0.0000e+00 0.0000e+00 0.0000e+00 1.1949e+01 6.6014e+01 2.7488e+01  
1597 0.0000e+00 0.0000e+00 0.0000e+00 6.6603e+01 8.5475e-01 2.7442e+01

717 1595 0.0000e+00 0.0000e+00 0.0000e+00 5.0029e+01 -4.3040e+01 -1.0546e+02  
1855 0.0000e+00 0.0000e+00 0.0000e+00 5.2479e+00 5.4862e+01 -9.6612e+01  
1856 0.0000e+00 0.0000e+00 0.0000e+00 4.8829e+00 6.0530e+01 -4.0921e+01  
1596 0.0000e+00 0.0000e+00 0.0000e+00 6.6145e+01 3.3117e+01 -4.9768e+01

718 1594 0.0000e+00 0.0000e+00 0.0000e+00 -8.0594e+00 -1.2380e+02 -1.7473e+02  
1854 0.0000e+00 0.0000e+00 0.0000e+00 -7.8724e+01 -1.9408e+01 -1.1874e+02  
1855 0.0000e+00 0.0000e+00 0.0000e+00 -3.2643e+01 4.3932e+01 -8.2332e+01  
1595 0.0000e+00 0.0000e+00 0.0000e+00 4.5802e+01 6.6423e+01 -1.3832e+02

719 30 0.0000e+00 0.0000e+00 0.0000e+00 -7.7367e+02 -3.4007e+02 -1.3420e+02  
85 0.0000e+00 0.0000e+00 0.0000e+00 1.5998e+02 -3.5497e+02 7.7118e+01  
1854 0.0000e+00 0.0000e+00 0.0000e+00 -2.0024e+02 -1.8668e+02 -9.1575e+01  
1594 0.0000e+00 0.0000e+00 0.0000e+00 -3.7828e+01 1.7795e+02 -3.0289e+02

720 1853 0.0000e+00 0.0000e+00 0.0000e+00 2.0238e+02 1.2939e+02 -4.9314e+01  
957 0.0000e+00 0.0000e+00 0.0000e+00 9.9297e+01 -1.7131e+02 2.7319e+02  
4 0.0000e+00 0.0000e+00 0.0000e+00 6.8806e+02 2.8823e+02 1.4625e+02  
70 0.0000e+00 0.0000e+00 0.0000e+00 1.1206e+02 2.8075e+02 -1.1400e+02

721 1852 0.0000e+00 0.0000e+00 0.0000e+00 3.7324e+01 -3.5549e+01 6.1905e+01  
955 0.0000e+00 0.0000e+00 0.0000e+00 -3.1809e+01 -6.4513e+01 1.2610e+02  
957 0.0000e+00 0.0000e+00 0.0000e+00 5.4667e+01 1.0106e+02 1.5226e+02

	1853	0.0000e+00	0.0000e+00	0.0000e+00	7.8342e+01	1.2861e+01	8.8492e+01
722	1851	0.0000e+00	0.0000e+00	0.0000e+00	-2.5259e+00	-5.4212e+01	3.2618e+01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-6.1805e+01	-2.9798e+01	4.5793e+01
	955	0.0000e+00	0.0000e+00	0.0000e+00	-3.9926e+01	3.1724e+01	9.1978e+01
	1852	0.0000e+00	0.0000e+00	0.0000e+00	4.0466e+00	-4.8540e+01	7.8591e+01
723	1850	0.0000e+00	0.0000e+00	0.0000e+00	-9.7038e+00	-5.8864e+01	-2.3175e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-6.3460e+01	-3.1898e+00	-2.3110e+01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-6.3498e+01	-4.4427e+00	2.6221e+01
	1851	0.0000e+00	0.0000e+00	0.0000e+00	-9.5544e+00	-5.8978e+01	2.6174e+01
724	1849	0.0000e+00	0.0000e+00	0.0000e+00	3.7600e+00	-4.7825e+01	-7.5233e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-3.9915e+01	3.3231e+01	-8.8914e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-6.1880e+01	-3.0392e+01	-4.3037e+01
	1850	0.0000e+00	0.0000e+00	0.0000e+00	-2.3927e+00	-5.3714e+01	-2.9096e+01
725	1848	0.0000e+00	0.0000e+00	0.0000e+00	7.8122e+01	1.3834e+01	-8.4314e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	5.3550e+01	1.0304e+02	-1.4912e+02
	949	0.0000e+00	0.0000e+00	0.0000e+00	-3.1806e+01	-6.4523e+01	-1.2324e+02
	1849	0.0000e+00	0.0000e+00	0.0000e+00	3.7355e+01	-3.4496e+01	-5.7803e+01
726	69	0.0000e+00	0.0000e+00	0.0000e+00	1.0716e+02	2.8116e+02	1.1507e+02
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.8826e+02	2.9062e+02	-1.4355e+02
	947	0.0000e+00	0.0000e+00	0.0000e+00	9.7784e+01	-1.7070e+02	-2.7026e+02
	1848	0.0000e+00	0.0000e+00	0.0000e+00	2.0224e+02	1.3121e+02	4.1411e+01
727	1557	0.0000e+00	0.0000e+00	0.0000e+00	-3.7822e+01	1.7794e+02	3.0289e+02
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-2.0024e+02	-1.8666e+02	9.1576e+01
	81	0.0000e+00	0.0000e+00	0.0000e+00	1.5998e+02	-3.5498e+02	-7.7128e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	-7.7366e+02	-3.4002e+02	1.3419e+02
728	1556	0.0000e+00	0.0000e+00	0.0000e+00	4.5805e+01	6.6404e+01	1.3833e+02
	1846	0.0000e+00	0.0000e+00	0.0000e+00	-3.2639e+01	4.3957e+01	8.2336e+01
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-7.8725e+01	-1.9422e+01	1.1874e+02
	1557	0.0000e+00	0.0000e+00	0.0000e+00	-8.0483e+00	-1.2377e+02	1.7473e+02
729	1555	0.0000e+00	0.0000e+00	0.0000e+00	6.6146e+01	3.3086e+01	4.9772e+01
	1845	0.0000e+00	0.0000e+00	0.0000e+00	4.8805e+00	6.0539e+01	4.0926e+01
	1846	0.0000e+00	0.0000e+00	0.0000e+00	5.2494e+00	5.4875e+01	9.6614e+01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	5.0032e+01	-4.3024e+01	1.0546e+02
730	1554	0.0000e+00	0.0000e+00	0.0000e+00	6.6602e+01	9.3346e-01	-2.7449e+01
	1844	0.0000e+00	0.0000e+00	0.0000e+00	1.1949e+01	6.6014e+01	-2.7495e+01
	1845	0.0000e+00	0.0000e+00	0.0000e+00	1.1809e+01	6.6128e+01	3.0071e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	6.6661e+01	1.9581e+00	3.0119e+01
731	1553	0.0000e+00	0.0000e+00	0.0000e+00	4.9950e+01	-4.4788e+01	-1.0273e+02
	1843	0.0000e+00	0.0000e+00	0.0000e+00	5.3755e+00	5.4151e+01	-9.3970e+01
	1844	0.0000e+00	0.0000e+00	0.0000e+00	4.7373e+00	6.0041e+01	-3.8338e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	6.6183e+01	3.3739e+01	-4.7096e+01
732	1552	0.0000e+00	0.0000e+00	0.0000e+00	-8.1171e+00	-1.2599e+02	-1.7186e+02
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-7.8654e+01	-2.0791e+01	-1.1593e+02
	1843	0.0000e+00	0.0000e+00	0.0000e+00	-3.2799e+01	4.2875e+01	-7.9648e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	4.5814e+01	6.6457e+01	-1.3558e+02
733	25	0.0000e+00	0.0000e+00	0.0000e+00	-7.7417e+02	-3.4264e+02	-1.3103e+02
	80	0.0000e+00	0.0000e+00	0.0000e+00	1.6013e+02	-3.5712e+02	8.0363e+01
	1842	0.0000e+00	0.0000e+00	0.0000e+00	-2.0049e+02	-1.8841e+02	-8.8683e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-3.7848e+01	1.7741e+02	-3.0004e+02
734	1515	0.0000e+00	0.0000e+00	0.0000e+00	-2.8090e+01	1.5056e+02	1.3110e+02
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-7.7098e+01	-3.5040e+01	7.4930e+01
	88	0.0000e+00	0.0000e+00	0.0000e+00	6.4648e+01	-1.1409e+02	2.0476e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-2.6969e+02	-1.7711e+02	7.6640e+01
735	1514	0.0000e+00	0.0000e+00	0.0000e+00	-1.7313e+00	1.3109e+02	7.3815e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-2.1613e+01	7.2333e+01	6.0447e+01
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-2.1387e+01	4.2490e+01	7.8047e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	-2.5570e+01	-5.5919e+01	9.1416e+01
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	9.3615e+00	1.2296e+02	3.7866e+01
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-6.3762e+00	1.0045e+02	3.5850e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	2.9595e+00	9.3272e+01	6.1091e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-3.6674e+00	1.3965e+01	6.3106e+01
737	1512	0.0000e+00	0.0000e+00	0.0000e+00	1.6215e+01	1.0863e+02	3.8324e+00
	1838	0.0000e+00	0.0000e+00	0.0000e+00	4.4163e-01	1.1713e+02	2.3641e+00

	1839	0.0000e+00	0.0000e+00	0.0000e+00	4.5966e+00	1.1368e+02	2.8491e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	8.3267e+00	6.0684e+01	3.0572e+01
738	1511	0.0000e+00	0.0000e+00	0.0000e+00	2.3824e+01	8.6930e+01	-3.3358e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	5.3809e+00	1.2345e+02	-3.7666e+01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	4.6563e+00	1.2178e+02	-8.1830e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	1.6877e+01	9.1477e+01	-4.1896e+00
739	1510	0.0000e+00	0.0000e+00	0.0000e+00	3.2943e+01	5.7078e+01	-7.4316e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	9.6031e+00	1.2130e+02	-8.0934e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	4.4468e+00	1.2078e+02	-4.7490e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	2.6343e+01	1.0974e+02	-4.0879e+01
740	1509	0.0000e+00	0.0000e+00	0.0000e+00	4.0946e+01	1.7778e+01	-1.2246e+02
	1835	0.0000e+00	0.0000e+00	0.0000e+00	1.1425e+01	1.1072e+02	-1.2930e+02
	1836	0.0000e+00	0.0000e+00	0.0000e+00	3.3059e+00	1.1175e+02	-9.0873e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	3.6939e+01	1.1846e+02	-8.4030e+01
741	1508	0.0000e+00	0.0000e+00	0.0000e+00	3.3263e+01	-3.7287e+01	-1.7950e+02
	1834	0.0000e+00	0.0000e+00	0.0000e+00	4.9180e+00	8.6578e+01	-1.7784e+02
	1835	0.0000e+00	0.0000e+00	0.0000e+00	-3.8485e+00	9.3001e+01	-1.3622e+02
	1509	0.0000e+00	0.0000e+00	0.0000e+00	4.4864e+01	1.2283e+02	-1.3788e+02
742	1507	0.0000e+00	0.0000e+00	0.0000e+00	-1.8360e+01	-1.2623e+02	-2.3668e+02
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-7.9276e+01	4.2921e+00	-1.8571e+02
	1834	0.0000e+00	0.0000e+00	0.0000e+00	-3.9607e+01	6.5522e+01	-1.5947e+02
	1508	0.0000e+00	0.0000e+00	0.0000e+00	3.2785e+01	1.3298e+02	-2.1044e+02
743	32	0.0000e+00	0.0000e+00	0.0000e+00	-7.8952e+02	-3.5039e+02	-1.8660e+02
	87	0.0000e+00	0.0000e+00	0.0000e+00	1.6350e+02	-3.4805e+02	2.3216e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-2.0728e+02	-1.7730e+02	-1.5523e+02
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-4.5798e+01	2.2647e+02	-3.6502e+02
744	1446	0.0000e+00	0.0000e+00	0.0000e+00	-2.3864e+01	1.9249e+02	3.5172e+02
	1832	0.0000e+00	0.0000e+00	0.0000e+00	-1.8613e+02	-1.3299e+02	1.4094e+02
	87	0.0000e+00	0.0000e+00	0.0000e+00	1.5387e+02	-3.6108e+02	-4.0906e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	-7.7597e+02	-3.1465e+02	1.6989e+02
745	1445	0.0000e+00	0.0000e+00	0.0000e+00	4.8218e+01	1.0502e+02	1.8261e+02
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-2.6721e+01	6.2362e+01	1.4243e+02
	1832	0.0000e+00	0.0000e+00	0.0000e+00	-4.7045e+01	1.4802e+01	1.7945e+02
	1446	0.0000e+00	0.0000e+00	0.0000e+00	-1.0343e+01	-1.0421e+02	2.1963e+02
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	5.6651e+01	9.2176e+01	1.0259e+02
	1830	0.0000e+00	0.0000e+00	0.0000e+00	1.5164e+00	8.5275e+01	1.0226e+02
	1831	0.0000e+00	0.0000e+00	0.0000e+00	1.0024e+01	8.2424e+01	1.5142e+02
	1445	0.0000e+00	0.0000e+00	0.0000e+00	4.7210e+01	-2.5304e+01	1.5175e+02
747	1443	0.0000e+00	0.0000e+00	0.0000e+00	5.0650e+01	8.4737e+01	4.1127e+01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	6.9111e+00	9.9816e+01	4.5256e+01
	1830	0.0000e+00	0.0000e+00	0.0000e+00	1.2930e+01	1.0050e+02	9.1512e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	5.2684e+01	2.1070e+01	8.7382e+01
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	4.6794e+01	7.1747e+01	-1.3145e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	9.0469e+00	1.0656e+02	-1.1373e+01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	1.1141e+01	1.0668e+02	3.2202e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	4.8160e+01	5.2455e+01	3.0430e+01
749	1441	0.0000e+00	0.0000e+00	0.0000e+00	4.7857e+01	4.9439e+01	-6.6833e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	1.1292e+01	1.0703e+02	-6.8634e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	8.7986e+00	1.0604e+02	-2.4716e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	4.6829e+01	7.3833e+01	-2.2916e+01
750	1440	0.0000e+00	0.0000e+00	0.0000e+00	5.2216e+01	1.5416e+01	-1.2502e+02
	1826	0.0000e+00	0.0000e+00	0.0000e+00	1.3192e+01	1.0036e+02	-1.2937e+02
	1827	0.0000e+00	0.0000e+00	0.0000e+00	6.4180e+00	9.8870e+01	-8.1969e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	5.0501e+01	8.6909e+01	-7.7623e+01
751	1439	0.0000e+00	0.0000e+00	0.0000e+00	4.7041e+01	-3.5445e+01	-1.9163e+02
	1825	0.0000e+00	0.0000e+00	0.0000e+00	1.0700e+01	8.1009e+01	-1.9199e+02
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-8.3569e-01	8.3123e+01	-1.4074e+02
	1440	0.0000e+00	0.0000e+00	0.0000e+00	5.6599e+01	9.4788e+01	-1.4039e+02
752	1438	0.0000e+00	0.0000e+00	0.0000e+00	-8.8533e+00	-1.2191e+02	-2.6312e+02
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-4.5032e+01	1.1015e+01	-2.2475e+02
	1825	0.0000e+00	0.0000e+00	0.0000e+00	-2.7531e+01	5.7671e+01	-1.8423e+02
	1439	0.0000e+00	0.0000e+00	0.0000e+00	4.8958e+01	1.0767e+02	-2.2259e+02
753	31	0.0000e+00	0.0000e+00	0.0000e+00	-7.6362e+02	-3.4201e+02	-2.2036e+02

	86	0.0000e+00	0.0000e+00	0.0000e+00	1.5504e+02	-3.6440e+02	-1.4499e+01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-1.8534e+02	-1.3997e+02	-1.8841e+02
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-2.0686e+01	1.9338e+02	-3.9430e+02
754	1823	0.0000e+00	0.0000e+00	0.0000e+00	1.0706e+02	2.9793e+01	-3.8491e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	9.4070e+01	-1.5443e+02	1.2767e+02
	11	0.0000e+00	0.0000e+00	0.0000e+00	3.1905e+02	1.8108e+02	7.9174e+01
	77	0.0000e+00	0.0000e+00	0.0000e+00	1.1032e+02	1.1866e+02	-4.8218e+01
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	3.1204e+01	-5.6505e+01	4.2229e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	1.6993e+01	-1.2128e+02	7.0351e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	7.2259e+01	5.6724e+01	7.9299e+01
	1823	0.0000e+00	0.0000e+00	0.0000e+00	3.5538e+01	-3.0847e+01	5.2436e+01
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	8.1880e+00	-8.5828e+01	2.7207e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-9.8019e+00	-1.0725e+02	3.5002e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	1.2056e+01	-1.0878e+01	5.5429e+01
	1822	0.0000e+00	0.0000e+00	0.0000e+00	5.5121e+00	-7.8299e+01	4.7754e+01
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	-1.0099e+00	-1.0129e+02	-2.3213e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	-2.0465e+01	-9.3868e+01	2.5869e+00
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.0546e+01	-5.1563e+01	2.6630e+01
	1821	0.0000e+00	0.0000e+00	0.0000e+00	-3.5670e+00	-9.7972e+01	2.2905e+01
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	-5.8003e+00	-1.0726e+02	-3.4962e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-2.8327e+01	-7.6437e+01	-3.0834e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-2.1504e+01	-7.7279e+01	-4.2914e+00
	1820	0.0000e+00	0.0000e+00	0.0000e+00	-5.2843e+00	-1.0576e+02	-8.4239e+00
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	-9.0691e+00	-1.0616e+02	-7.2765e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-3.5713e+01	-5.3473e+01	-6.7711e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-3.0298e+01	-9.2205e+01	-3.8022e+01
	1819	0.0000e+00	0.0000e+00	0.0000e+00	-5.7541e+00	-1.0571e+02	-4.3073e+01
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	-9.4403e+00	-9.8184e+01	-1.1398e+02
	680	0.0000e+00	0.0000e+00	0.0000e+00	-3.9867e+01	-2.3350e+01	-1.1014e+02
	682	0.0000e+00	0.0000e+00	0.0000e+00	-3.8369e+01	-9.9764e+01	-7.6862e+01
	1818	0.0000e+00	0.0000e+00	0.0000e+00	-4.4555e+00	-9.9120e+01	-8.0694e+01
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	5.9834e+00	-7.8388e+01	-1.5256e+02
	678	0.0000e+00	0.0000e+00	0.0000e+00	-2.6189e+01	2.0867e+01	-1.5923e+02
	680	0.0000e+00	0.0000e+00	0.0000e+00	-4.1572e+01	-1.0532e+02	-1.2484e+02
	1817	0.0000e+00	0.0000e+00	0.0000e+00	3.8468e+00	-8.4357e+01	-1.1810e+02
762	1815	0.0000e+00	0.0000e+00	0.0000e+00	7.7466e+01	-7.5671e+00	-1.5157e+02
	676	0.0000e+00	0.0000e+00	0.0000e+00	5.8364e+01	9.6171e+01	-2.0776e+02
	678	0.0000e+00	0.0000e+00	0.0000e+00	-2.3813e+01	-1.2103e+02	-1.8987e+02
	1816	0.0000e+00	0.0000e+00	0.0000e+00	4.1330e+01	-5.8874e+01	-1.3314e+02
763	76	0.0000e+00	0.0000e+00	0.0000e+00	1.0573e+02	2.9520e+02	7.1689e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	6.9014e+02	2.8959e+02	-1.8113e+02
	676	0.0000e+00	0.0000e+00	0.0000e+00	9.7294e+01	-2.0898e+02	-3.2670e+02
	1815	0.0000e+00	0.0000e+00	0.0000e+00	2.0585e+02	1.1887e+02	-9.7757e+01
764	1814	0.0000e+00	0.0000e+00	0.0000e+00	1.8231e+02	8.2365e+01	8.8044e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	7.6961e+01	-1.7304e+02	3.1712e+02
	10	0.0000e+00	0.0000e+00	0.0000e+00	6.7920e+02	2.5628e+02	1.7057e+02
	76	0.0000e+00	0.0000e+00	0.0000e+00	1.0802e+02	3.0595e+02	-7.9168e+01
765	1813	0.0000e+00	0.0000e+00	0.0000e+00	2.7364e+01	-5.2975e+01	1.2134e+02
	574	0.0000e+00	0.0000e+00	0.0000e+00	-3.9281e+01	-8.6107e+01	1.6810e+02
	576	0.0000e+00	0.0000e+00	0.0000e+00	4.5119e+01	7.6023e+01	1.9447e+02
	1814	0.0000e+00	0.0000e+00	0.0000e+00	4.8749e+01	-1.2736e+01	1.4825e+02
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	-2.6324e+00	-7.1645e+01	9.1067e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	-5.4630e+01	-6.8694e+01	9.6110e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	-4.1748e+01	1.3431e+01	1.3758e+02
	1813	0.0000e+00	0.0000e+00	0.0000e+00	-6.9905e+00	-6.8619e+01	1.3263e+02
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	-8.8510e+00	-8.0999e+01	4.2571e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	-5.2835e+01	-6.1084e+01	4.1011e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	-5.3201e+01	-1.9861e+01	8.1596e+01
	1812	0.0000e+00	0.0000e+00	0.0000e+00	-1.1450e+01	-8.1634e+01	8.3215e+01
768	1810	0.0000e+00	0.0000e+00	0.0000e+00	-1.0549e+01	-8.4837e+01	-7.9275e+00
	568	0.0000e+00	0.0000e+00	0.0000e+00	-5.0741e+01	-5.1347e+01	-8.9173e+00
	570	0.0000e+00	0.0000e+00	0.0000e+00	-5.1653e+01	-4.0676e+01	3.0883e+01
	1811	0.0000e+00	0.0000e+00	0.0000e+00	-1.1269e+01	-8.5084e+01	3.1737e+01

769 1809 0.0000e+00 0.0000e+00 0.0000e+00 -1.1708e+01 -8.4712e+01 -5.8066e+01  
566 0.0000e+00 0.0000e+00 0.0000e+00 -5.1533e+01 -3.5744e+01 -5.6887e+01  
568 0.0000e+00 0.0000e+00 0.0000e+00 -5.0919e+01 -5.4551e+01 -1.7820e+01  
1810 0.0000e+00 0.0000e+00 0.0000e+00 -1.0078e+01 -8.4017e+01 -1.8992e+01

770 1808 0.0000e+00 0.0000e+00 0.0000e+00 -1.1921e+01 -7.9763e+01 -1.1072e+02  
564 0.0000e+00 0.0000e+00 0.0000e+00 -5.3086e+01 -1.1676e+01 -1.0867e+02  
566 0.0000e+00 0.0000e+00 0.0000e+00 -5.3109e+01 -6.3457e+01 -6.7092e+01  
1809 0.0000e+00 0.0000e+00 0.0000e+00 -8.2716e+00 -7.8783e+01 -6.9159e+01

771 1807 0.0000e+00 0.0000e+00 0.0000e+00 -7.1557e+00 -6.4394e+01 -1.6204e+02  
562 0.0000e+00 0.0000e+00 0.0000e+00 -4.1153e+01 2.6155e+01 -1.6647e+02  
564 0.0000e+00 0.0000e+00 0.0000e+00 -5.4991e+01 -7.0558e+01 -1.2339e+02  
1808 0.0000e+00 0.0000e+00 0.0000e+00 -2.0394e+00 -6.7345e+01 -1.1895e+02

772 1806 0.0000e+00 0.0000e+00 0.0000e+00 4.7685e+01 -4.7957e+00 -1.8000e+02  
560 0.0000e+00 0.0000e+00 0.0000e+00 4.5424e+01 9.6675e+01 -2.2601e+02  
562 0.0000e+00 0.0000e+00 0.0000e+00 -3.9017e+01 -8.7325e+01 -1.9762e+02  
1807 0.0000e+00 0.0000e+00 0.0000e+00 2.9078e+01 -4.4987e+01 -1.5127e+02

773 75 0.0000e+00 0.0000e+00 0.0000e+00 1.1400e+02 3.1874e+02 5.3977e+01  
9 0.0000e+00 0.0000e+00 0.0000e+00 6.7284e+02 2.8639e+02 -2.0824e+02  
560 0.0000e+00 0.0000e+00 0.0000e+00 7.7814e+01 -1.7191e+02 -3.4951e+02  
1806 0.0000e+00 0.0000e+00 0.0000e+00 1.8587e+02 8.9399e+01 -1.1400e+02

774 1805 0.0000e+00 0.0000e+00 0.0000e+00 1.8606e+02 8.6599e+01 1.0897e+02  
459 0.0000e+00 0.0000e+00 0.0000e+00 7.9155e+01 -1.7559e+02 3.4507e+02  
8 0.0000e+00 0.0000e+00 0.0000e+00 6.7333e+02 2.8543e+02 2.0523e+02  
74 0.0000e+00 0.0000e+00 0.0000e+00 1.1872e+02 3.1431e+02 -5.5524e+01

775 1804 0.0000e+00 0.0000e+00 0.0000e+00 2.9254e+01 -4.8484e+01 1.4582e+02  
457 0.0000e+00 0.0000e+00 0.0000e+00 -3.8966e+01 -9.1658e+01 1.9260e+02  
459 0.0000e+00 0.0000e+00 0.0000e+00 4.6155e+01 9.4937e+01 2.2127e+02  
1805 0.0000e+00 0.0000e+00 0.0000e+00 4.7875e+01 -8.3451e+00 1.7493e+02

776 1803 0.0000e+00 0.0000e+00 0.0000e+00 -2.2530e+00 -7.1516e+01 1.1302e+02  
455 0.0000e+00 0.0000e+00 0.0000e+00 -5.5051e+01 -7.5252e+01 1.1762e+02  
457 0.0000e+00 0.0000e+00 0.0000e+00 -4.1059e+01 2.3280e+01 1.6116e+02  
1804 0.0000e+00 0.0000e+00 0.0000e+00 -7.3071e+00 -6.8309e+01 1.5661e+02

777 1802 0.0000e+00 0.0000e+00 0.0000e+00 -8.3705e+00 -8.3336e+01 6.2430e+01  
453 0.0000e+00 0.0000e+00 0.0000e+00 -5.3168e+01 -6.7631e+01 6.0449e+01  
455 0.0000e+00 0.0000e+00 0.0000e+00 -5.3172e+01 -1.5761e+01 1.0267e+02  
1803 0.0000e+00 0.0000e+00 0.0000e+00 -1.1858e+01 -8.4085e+01 1.0467e+02

778 1801 0.0000e+00 0.0000e+00 0.0000e+00 -1.0230e+01 -8.8449e+01 1.1178e+01  
451 0.0000e+00 0.0000e+00 0.0000e+00 -5.0928e+01 -5.7273e+01 1.0122e+01  
453 0.0000e+00 0.0000e+00 0.0000e+00 -5.1677e+01 -4.0891e+01 5.0030e+01  
1802 0.0000e+00 0.0000e+00 0.0000e+00 -1.1533e+01 -8.9014e+01 5.1131e+01

779 1800 0.0000e+00 0.0000e+00 0.0000e+00 -1.1514e+01 -8.8711e+01 -4.0554e+01  
449 0.0000e+00 0.0000e+00 0.0000e+00 -5.1604e+01 -4.0855e+01 -3.9477e+01  
451 0.0000e+00 0.0000e+00 0.0000e+00 -5.0919e+01 -5.7249e+01 1.7500e+00  
1801 0.0000e+00 0.0000e+00 0.0000e+00 -1.0265e+01 -8.8482e+01 2.0696e+00

780 1799 0.0000e+00 0.0000e+00 0.0000e+00 -1.1826e+01 -8.3629e+01 -9.3601e+01  
447 0.0000e+00 0.0000e+00 0.0000e+00 -5.3032e+01 -1.6213e+01 -9.1618e+01  
449 0.0000e+00 0.0000e+00 0.0000e+00 -5.3057e+01 -6.7265e+01 -4.9803e+01  
1800 0.0000e+00 0.0000e+00 0.0000e+00 -8.4732e+00 -8.3179e+01 -5.1806e+01

781 1798 0.0000e+00 0.0000e+00 0.0000e+00 -7.4844e+00 -6.8023e+01 -1.4479e+02  
445 0.0000e+00 0.0000e+00 0.0000e+00 -4.1019e+01 2.2121e+01 -1.4923e+02  
447 0.0000e+00 0.0000e+00 0.0000e+00 -5.4829e+01 -7.4396e+01 -1.0635e+02  
1799 0.0000e+00 0.0000e+00 0.0000e+00 -2.4393e+00 -7.1462e+01 -1.0190e+02

782 1797 0.0000e+00 0.0000e+00 0.0000e+00 4.7847e+01 -8.3225e+00 -1.6247e+02  
443 0.0000e+00 0.0000e+00 0.0000e+00 4.6796e+01 9.1289e+01 -2.0796e+02  
445 0.0000e+00 0.0000e+00 0.0000e+00 -3.8962e+01 -9.0213e+01 -1.8020e+02  
1798 0.0000e+00 0.0000e+00 0.0000e+00 2.8719e+01 -4.9069e+01 -1.3422e+02

783 73 0.0000e+00 0.0000e+00 0.0000e+00 1.2313e+02 3.1635e+02 6.9672e+01  
7 0.0000e+00 0.0000e+00 0.0000e+00 6.6941e+02 2.7832e+02 -1.8822e+02  
443 0.0000e+00 0.0000e+00 0.0000e+00 8.0126e+01 -1.7402e+02 -3.3027e+02  
1797 0.0000e+00 0.0000e+00 0.0000e+00 1.8475e+02 8.4829e+01 -1.0053e+02

784 1371 0.0000e+00 0.0000e+00 0.0000e+00 -2.0496e+01 1.9631e+02 3.9050e+02  
1796 0.0000e+00 0.0000e+00 0.0000e+00 -1.8535e+02 -1.3720e+02 1.8479e+02  
85 0.0000e+00 0.0000e+00 0.0000e+00 1.5507e+02 -3.6189e+02 1.1190e+01



	30	0.0000e+00	0.0000e+00	0.0000e+00	-7.6314e+02	-3.4035e+02	2.1690e+02
785	1370	0.0000e+00	0.0000e+00	0.0000e+00	4.9028e+01	1.1068e+02	2.1840e+02
	1795	0.0000e+00	0.0000e+00	0.0000e+00	-2.7589e+01	6.0720e+01	1.8012e+02
	1796	0.0000e+00	0.0000e+00	0.0000e+00	-4.4923e+01	1.3898e+01	2.2101e+02
	1371	0.0000e+00	0.0000e+00	0.0000e+00	-8.7955e+00	-1.1971e+02	2.5928e+02
786	1369	0.0000e+00	0.0000e+00	0.0000e+00	5.6541e+01	9.7458e+01	1.3567e+02
	1794	0.0000e+00	0.0000e+00	0.0000e+00	-8.7607e-01	8.6351e+01	1.3607e+02
	1795	0.0000e+00	0.0000e+00	0.0000e+00	1.0689e+01	8.4108e+01	1.8774e+02
	1370	0.0000e+00	0.0000e+00	0.0000e+00	4.7057e+01	-3.2659e+01	1.8734e+02
787	1368	0.0000e+00	0.0000e+00	0.0000e+00	5.0288e+01	8.8766e+01	7.2275e+01
	1793	0.0000e+00	0.0000e+00	0.0000e+00	6.4383e+00	1.0201e+02	7.6627e+01
	1794	0.0000e+00	0.0000e+00	0.0000e+00	1.3060e+01	1.0342e+02	1.2454e+02
	1369	0.0000e+00	0.0000e+00	0.0000e+00	5.2161e+01	1.8710e+01	1.2019e+02
788	1367	0.0000e+00	0.0000e+00	0.0000e+00	4.6440e+01	7.4272e+01	1.6848e+01
	1792	0.0000e+00	0.0000e+00	0.0000e+00	8.8939e+00	1.0871e+02	1.8589e+01
	1793	0.0000e+00	0.0000e+00	0.0000e+00	1.1009e+01	1.0971e+02	6.3106e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	4.7727e+01	5.3138e+01	6.1365e+01
789	1366	0.0000e+00	0.0000e+00	0.0000e+00	4.7603e+01	5.0715e+01	-3.7304e+01
	1791	0.0000e+00	0.0000e+00	0.0000e+00	1.1351e+01	1.0842e+02	-3.9238e+01
	1792	0.0000e+00	0.0000e+00	0.0000e+00	8.5806e+00	1.0839e+02	5.0158e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	4.6596e+01	7.5623e+01	6.9494e+00
790	1365	0.0000e+00	0.0000e+00	0.0000e+00	5.2033e+01	1.6171e+01	-9.5214e+01
	1790	0.0000e+00	0.0000e+00	0.0000e+00	1.3316e+01	1.0070e+02	-9.9662e+01
	1791	0.0000e+00	0.0000e+00	0.0000e+00	6.2427e+00	1.0021e+02	-5.2569e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	5.0431e+01	8.8457e+01	-4.8121e+01
791	1364	0.0000e+00	0.0000e+00	0.0000e+00	4.6723e+01	-3.4030e+01	-1.6073e+02
	1789	0.0000e+00	0.0000e+00	0.0000e+00	1.0632e+01	8.0371e+01	-1.6097e+02
	1790	0.0000e+00	0.0000e+00	0.0000e+00	-9.4953e-01	8.3555e+01	-1.1076e+02
	1365	0.0000e+00	0.0000e+00	0.0000e+00	5.6532e+01	9.5257e+01	-1.1053e+02
792	1363	0.0000e+00	0.0000e+00	0.0000e+00	-1.0993e+01	-1.1827e+02	-2.2994e+02
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-4.4848e+01	9.5461e+00	-1.9088e+02
	1789	0.0000e+00	0.0000e+00	0.0000e+00	-2.7685e+01	5.7409e+01	-1.5265e+02
	1364	0.0000e+00	0.0000e+00	0.0000e+00	4.8544e+01	1.0681e+02	-1.9171e+02
793	29	0.0000e+00	0.0000e+00	0.0000e+00	-7.5937e+02	-3.3475e+02	-1.8256e+02
	84	0.0000e+00	0.0000e+00	0.0000e+00	1.3774e+02	-3.7244e+02	2.7945e+01
	1788	0.0000e+00	0.0000e+00	0.0000e+00	-1.8678e+02	-1.3597e+02	-1.5022e+02
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-2.3292e+01	1.9072e+02	-3.6072e+02
794	1296	0.0000e+00	0.0000e+00	0.0000e+00	-2.3284e+01	1.9072e+02	3.6072e+02
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-1.8677e+02	-1.3593e+02	1.5022e+02
	82	0.0000e+00	0.0000e+00	0.0000e+00	1.3773e+02	-3.7243e+02	-2.7956e+01
	27	0.0000e+00	0.0000e+00	0.0000e+00	-7.5936e+02	-3.3468e+02	1.8255e+02
795	1295	0.0000e+00	0.0000e+00	0.0000e+00	4.8548e+01	1.0681e+02	1.9171e+02
	1786	0.0000e+00	0.0000e+00	0.0000e+00	-2.7680e+01	5.7435e+01	1.5265e+02
	1787	0.0000e+00	0.0000e+00	0.0000e+00	-4.4847e+01	9.5732e+00	1.9088e+02
	1296	0.0000e+00	0.0000e+00	0.0000e+00	-1.0981e+01	-1.1822e+02	2.2994e+02
796	1294	0.0000e+00	0.0000e+00	0.0000e+00	5.6534e+01	9.5253e+01	1.1053e+02
	1785	0.0000e+00	0.0000e+00	0.0000e+00	-9.4165e-01	8.3571e+01	1.1076e+02
	1786	0.0000e+00	0.0000e+00	0.0000e+00	1.0631e+01	8.0389e+01	1.6097e+02
	1295	0.0000e+00	0.0000e+00	0.0000e+00	4.6727e+01	-3.3996e+01	1.6073e+02
797	1293	0.0000e+00	0.0000e+00	0.0000e+00	5.0430e+01	8.8446e+01	4.8118e+01
	1784	0.0000e+00	0.0000e+00	0.0000e+00	6.2442e+00	1.0022e+02	5.2565e+01
	1785	0.0000e+00	0.0000e+00	0.0000e+00	1.3315e+01	1.0071e+02	9.9659e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	5.2036e+01	1.6195e+01	9.5211e+01
798	1292	0.0000e+00	0.0000e+00	0.0000e+00	4.6595e+01	7.5605e+01	-6.9542e+00
	1783	0.0000e+00	0.0000e+00	0.0000e+00	8.5822e+00	1.0839e+02	-5.0222e+00
	1784	0.0000e+00	0.0000e+00	0.0000e+00	1.1349e+01	1.0842e+02	3.9235e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	4.7604e+01	5.0730e+01	3.7301e+01
799	1291	0.0000e+00	0.0000e+00	0.0000e+00	4.7725e+01	5.3114e+01	-6.1368e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	1.1010e+01	1.0970e+02	-6.3109e+01
	1783	0.0000e+00	0.0000e+00	0.0000e+00	8.8918e+00	1.0871e+02	-1.8593e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	4.6440e+01	7.4279e+01	-1.6851e+01
800	1290	0.0000e+00	0.0000e+00	0.0000e+00	5.2158e+01	1.8677e+01	-1.2019e+02
	1781	0.0000e+00	0.0000e+00	0.0000e+00	1.3061e+01	1.0341e+02	-1.2454e+02

	1782	0.0000e+00	0.0000e+00	0.0000e+00	6.4355e+00	1.0199e+02	-7.6630e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	5.0287e+01	8.8765e+01	-7.2277e+01
801	1289	0.0000e+00	0.0000e+00	0.0000e+00	4.7050e+01	-3.2700e+01	-1.8734e+02
	1780	0.0000e+00	0.0000e+00	0.0000e+00	1.0690e+01	8.4085e+01	-1.8774e+02
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-8.7079e-01	8.6329e+01	-1.3607e+02
	1290	0.0000e+00	0.0000e+00	0.0000e+00	5.6538e+01	9.7451e+01	-1.3567e+02
802	1288	0.0000e+00	0.0000e+00	0.0000e+00	-8.8013e+00	-1.1976e+02	-2.5928e+02
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-4.4923e+01	1.3873e+01	-2.2101e+02
	1780	0.0000e+00	0.0000e+00	0.0000e+00	-2.7594e+01	6.0690e+01	-1.8012e+02
	1289	0.0000e+00	0.0000e+00	0.0000e+00	4.9022e+01	1.1067e+02	-2.1840e+02
803	26	0.0000e+00	0.0000e+00	0.0000e+00	-7.6315e+02	-3.4042e+02	-2.1691e+02
	81	0.0000e+00	0.0000e+00	0.0000e+00	1.5508e+02	-3.6191e+02	-1.1195e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-1.8536e+02	-1.3725e+02	-1.8479e+02
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-2.0504e+01	1.9630e+02	-3.9050e+02
804	1778	0.0000e+00	0.0000e+00	0.0000e+00	1.8475e+02	8.4861e+01	1.0034e+02
	342	0.0000e+00	0.0000e+00	0.0000e+00	7.9784e+01	-1.7402e+02	3.3028e+02
	5	0.0000e+00	0.0000e+00	0.0000e+00	6.6940e+02	2.7829e+02	1.8820e+02
	71	0.0000e+00	0.0000e+00	0.0000e+00	1.2194e+02	3.1620e+02	-6.9602e+01
805	1777	0.0000e+00	0.0000e+00	0.0000e+00	2.8722e+01	-4.8993e+01	1.3425e+02
	340	0.0000e+00	0.0000e+00	0.0000e+00	-3.8920e+01	-9.0078e+01	1.8023e+02
	342	0.0000e+00	0.0000e+00	0.0000e+00	4.6587e+01	9.1260e+01	2.0798e+02
	1778	0.0000e+00	0.0000e+00	0.0000e+00	4.7807e+01	-8.2485e+00	1.6246e+02
806	1776	0.0000e+00	0.0000e+00	0.0000e+00	-2.4215e+00	-7.1349e+01	1.0195e+02
	338	0.0000e+00	0.0000e+00	0.0000e+00	-5.4826e+01	-7.4149e+01	1.0639e+02
	340	0.0000e+00	0.0000e+00	0.0000e+00	-4.1006e+01	2.2168e+01	1.4926e+02
	1777	0.0000e+00	0.0000e+00	0.0000e+00	-7.4348e+00	-6.7911e+01	1.4483e+02
807	1775	0.0000e+00	0.0000e+00	0.0000e+00	-8.4639e+00	-8.3022e+01	5.1882e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	-5.3055e+01	-6.6998e+01	4.9872e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	-5.3028e+01	-1.6111e+01	9.1669e+01
	1776	0.0000e+00	0.0000e+00	0.0000e+00	-1.1825e+01	-8.3481e+01	9.3654e+01
808	1774	0.0000e+00	0.0000e+00	0.0000e+00	-1.0261e+01	-8.8305e+01	-2.6308e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-5.0918e+01	-5.7023e+01	-2.2934e+00
	336	0.0000e+00	0.0000e+00	0.0000e+00	-5.1601e+01	-4.0648e+01	3.9559e+01
	1775	0.0000e+00	0.0000e+00	0.0000e+00	-1.1516e+01	-8.8540e+01	4.0637e+01
809	1773	0.0000e+00	0.0000e+00	0.0000e+00	-1.1532e+01	-8.8851e+01	-5.1076e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-5.1676e+01	-4.0758e+01	-4.9980e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-5.0925e+01	-5.6998e+01	-1.0182e+01
	1774	0.0000e+00	0.0000e+00	0.0000e+00	-1.0228e+01	-8.8283e+01	-1.1213e+01
810	1772	0.0000e+00	0.0000e+00	0.0000e+00	-1.1854e+01	-8.3969e+01	-1.0458e+02
	330	0.0000e+00	0.0000e+00	0.0000e+00	-5.3174e+01	-1.5772e+01	-1.0260e+02
	332	0.0000e+00	0.0000e+00	0.0000e+00	-5.3168e+01	-6.7322e+01	-6.0400e+01
	1773	0.0000e+00	0.0000e+00	0.0000e+00	-8.3600e+00	-8.3212e+01	-6.2361e+01
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	-7.2299e+00	-6.8259e+01	-1.5648e+02
	328	0.0000e+00	0.0000e+00	0.0000e+00	-4.1064e+01	2.3093e+01	-1.6107e+02
	330	0.0000e+00	0.0000e+00	0.0000e+00	-5.5054e+01	-7.4969e+01	-1.1756e+02
	1772	0.0000e+00	0.0000e+00	0.0000e+00	-2.2117e+00	-7.1462e+01	-1.1291e+02
812	1770	0.0000e+00	0.0000e+00	0.0000e+00	4.7801e+01	-8.4092e+00	-1.7467e+02
	326	0.0000e+00	0.0000e+00	0.0000e+00	4.5821e+01	9.4614e+01	-2.2118e+02
	328	0.0000e+00	0.0000e+00	0.0000e+00	-3.8931e+01	-9.1517e+01	-1.9255e+02
	1771	0.0000e+00	0.0000e+00	0.0000e+00	2.9248e+01	-4.8497e+01	-1.4562e+02
813	70	0.0000e+00	0.0000e+00	0.0000e+00	1.1656e+02	3.1375e+02	5.4734e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	6.7327e+02	2.8508e+02	-2.0524e+02
	326	0.0000e+00	0.0000e+00	0.0000e+00	7.8550e+01	-1.7559e+02	-3.4505e+02
	1770	0.0000e+00	0.0000e+00	0.0000e+00	1.8605e+02	8.6456e+01	-1.0799e+02
814	1769	0.0000e+00	0.0000e+00	0.0000e+00	1.8587e+02	8.9443e+01	1.1337e+02
	233	0.0000e+00	0.0000e+00	0.0000e+00	7.7109e+01	-1.7190e+02	3.4952e+02
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.7280e+02	2.8622e+02	2.0823e+02
	69	0.0000e+00	0.0000e+00	0.0000e+00	1.1121e+02	3.1834e+02	-5.3541e+01
815	1768	0.0000e+00	0.0000e+00	0.0000e+00	2.9084e+01	-4.4817e+01	1.5123e+02
	231	0.0000e+00	0.0000e+00	0.0000e+00	-3.8976e+01	-8.6968e+01	1.9765e+02
	233	0.0000e+00	0.0000e+00	0.0000e+00	4.5054e+01	9.6579e+01	2.2600e+02
	1769	0.0000e+00	0.0000e+00	0.0000e+00	4.7600e+01	-4.5292e+00	1.7989e+02
816	1767	0.0000e+00	0.0000e+00	0.0000e+00	-1.9611e+00	-6.7079e+01	1.1899e+02

	229	0.0000e+00	0.0000e+00	0.0000e+00	-5.4989e+01	-6.9957e+01	1.2344e+02
	231	0.0000e+00	0.0000e+00	0.0000e+00	-4.1148e+01	2.6306e+01	1.6650e+02
	1768	0.0000e+00	0.0000e+00	0.0000e+00	-7.0822e+00	-6.4128e+01	1.6204e+02
817	1766	0.0000e+00	0.0000e+00	0.0000e+00	-8.2470e+00	-7.8431e+01	6.9253e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-5.3100e+01	-6.2898e+01	6.7189e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	-5.3074e+01	-1.1306e+01	1.0873e+02
	1767	0.0000e+00	0.0000e+00	0.0000e+00	-1.1925e+01	-7.9423e+01	1.1077e+02
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	-1.0069e+01	-8.3661e+01	1.9236e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-5.0906e+01	-5.4211e+01	1.8080e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-5.1518e+01	-3.5125e+01	5.7000e+01
	1766	0.0000e+00	0.0000e+00	0.0000e+00	-1.1708e+01	-8.4351e+01	5.8174e+01
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	-1.1267e+01	-8.4824e+01	-3.1747e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-5.1641e+01	-4.0685e+01	-3.0910e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-5.0729e+01	-5.0594e+01	9.3718e+00
	1765	0.0000e+00	0.0000e+00	0.0000e+00	-1.0531e+01	-8.4549e+01	8.3912e+00
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	-1.1443e+01	-8.1551e+01	-8.3132e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-5.3209e+01	-2.0260e+01	-8.1539e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-5.2832e+01	-6.0315e+01	-4.1017e+01
	1764	0.0000e+00	0.0000e+00	0.0000e+00	-8.8048e+00	-8.0875e+01	-4.2537e+01
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	-6.8403e+00	-6.8761e+01	-1.3248e+02
	219	0.0000e+00	0.0000e+00	0.0000e+00	-4.1862e+01	1.2096e+01	-1.3750e+02
	221	0.0000e+00	0.0000e+00	0.0000e+00	-5.4654e+01	-6.8073e+01	-9.6067e+01
	1763	0.0000e+00	0.0000e+00	0.0000e+00	-2.5585e+00	-7.1737e+01	-9.0948e+01
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	4.8630e+01	-1.3694e+01	-1.4793e+02
	217	0.0000e+00	0.0000e+00	0.0000e+00	4.5114e+01	7.4720e+01	-1.9439e+02
	219	0.0000e+00	0.0000e+00	0.0000e+00	-3.9377e+01	-8.5862e+01	-1.6806e+02
	1762	0.0000e+00	0.0000e+00	0.0000e+00	2.7417e+01	-5.3303e+01	-1.2108e+02
823	68	0.0000e+00	0.0000e+00	0.0000e+00	1.0318e+02	3.0453e+02	7.8692e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	6.7921e+02	2.5522e+02	-1.7051e+02
	217	0.0000e+00	0.0000e+00	0.0000e+00	7.6317e+01	-1.7304e+02	-3.1711e+02
	1761	0.0000e+00	0.0000e+00	0.0000e+00	1.8233e+02	8.1821e+01	-8.6482e+01
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	2.0586e+02	1.1836e+02	9.6034e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	9.6704e+01	-2.0898e+02	3.2666e+02
	2	0.0000e+00	0.0000e+00	0.0000e+00	6.9016e+02	2.8871e+02	1.8111e+02
	68	0.0000e+00	0.0000e+00	0.0000e+00	1.0077e+02	2.9361e+02	-7.0903e+01
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	4.1372e+01	-5.9229e+01	1.3277e+02
	115	0.0000e+00	0.0000e+00	0.0000e+00	-2.3969e+01	-1.2095e+02	1.8981e+02
	117	0.0000e+00	0.0000e+00	0.0000e+00	5.8202e+01	9.5096e+01	2.0765e+02
	1760	0.0000e+00	0.0000e+00	0.0000e+00	7.7411e+01	-8.2602e+00	1.5114e+02
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	3.8950e+00	-8.4512e+01	1.1790e+02
	113	0.0000e+00	0.0000e+00	0.0000e+00	-4.1605e+01	-1.0505e+02	1.2475e+02
	115	0.0000e+00	0.0000e+00	0.0000e+00	-2.6375e+01	1.9523e+01	1.5910e+02
	1759	0.0000e+00	0.0000e+00	0.0000e+00	5.7535e+00	-7.8589e+01	1.5233e+02
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	-4.3778e+00	-9.9141e+01	8.0555e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-3.8357e+01	-9.9432e+01	7.6769e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	-3.9872e+01	-2.3625e+01	1.1002e+02
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-9.4313e+00	-9.8238e+01	1.1382e+02
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	-5.7108e+00	-1.0562e+02	4.2980e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-3.0272e+01	-9.1888e+01	3.7949e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	-3.5680e+01	-5.3646e+01	6.7605e+01
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-9.0714e+00	-1.0610e+02	7.2649e+01
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	-5.2743e+00	-1.0560e+02	8.5199e+00
	107	0.0000e+00	0.0000e+00	0.0000e+00	-2.1488e+01	-7.7024e+01	4.4847e+00
	109	0.0000e+00	0.0000e+00	0.0000e+00	-2.8292e+01	-7.6418e+01	3.0754e+01
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-5.8018e+00	-1.0711e+02	3.4897e+01
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	-3.5422e+00	-9.7762e+01	-2.3048e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.0573e+01	-5.1390e+01	-2.6749e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-2.0454e+01	-9.3725e+01	-2.8935e+00
	1755	0.0000e+00	0.0000e+00	0.0000e+00	-1.0446e+00	-1.0110e+02	3.0731e+00
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	5.1515e+00	-7.8036e+01	-4.7742e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	1.1620e+01	-1.0691e+01	-5.5489e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-9.7934e+00	-1.0709e+02	-3.5078e+01
	1754	0.0000e+00	0.0000e+00	0.0000e+00	8.1738e+00	-8.5599e+01	-2.7318e+01

832	1752	0.0000e+00	0.0000e+00	0.0000e+00	3.5263e+01	-3.0536e+01	-5.1941e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	7.1064e+01	5.6704e+01	-7.9310e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	1.6230e+01	-1.2123e+02	-7.0395e+01
	1753	0.0000e+00	0.0000e+00	0.0000e+00	3.1099e+01	-5.6093e+01	-4.2025e+01
833	67	0.0000e+00	0.0000e+00	0.0000e+00	1.0745e+02	1.1711e+02	4.7634e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	3.1816e+02	1.8108e+02	-7.8926e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	9.2209e+01	-1.5450e+02	-1.2769e+02
	1752	0.0000e+00	0.0000e+00	0.0000e+00	1.0694e+02	2.9564e+01	3.6072e+01
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	-2.0670e+01	1.9337e+02	3.9430e+02
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-1.8533e+02	-1.3995e+02	1.8842e+02
	80	0.0000e+00	0.0000e+00	0.0000e+00	1.5503e+02	-3.6439e+02	1.4547e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	-7.6360e+02	-3.4195e+02	2.2036e+02
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.8957e+01	1.0764e+02	2.2260e+02
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-2.7523e+01	5.7710e+01	1.8423e+02
	1751	0.0000e+00	0.0000e+00	0.0000e+00	-4.5032e+01	1.1154e+01	2.2476e+02
	1221	0.0000e+00	0.0000e+00	0.0000e+00	-8.8079e+00	-1.2189e+02	2.6312e+02
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	5.6595e+01	9.4750e+01	1.4040e+02
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-7.7426e-01	8.3127e+01	1.4075e+02
	1750	0.0000e+00	0.0000e+00	0.0000e+00	1.0699e+01	8.1019e+01	1.9199e+02
	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.7039e+01	-3.5466e+01	1.9164e+02
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	5.0493e+01	8.6879e+01	7.7640e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	6.4159e+00	9.8859e+01	8.1984e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	1.3189e+01	1.0035e+02	1.2938e+02
	1219	0.0000e+00	0.0000e+00	0.0000e+00	5.2212e+01	1.5421e+01	1.2504e+02
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	4.6817e+01	7.3824e+01	2.2968e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	8.7989e+00	1.0602e+02	2.4761e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	1.1287e+01	1.0702e+02	6.8651e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	4.7850e+01	4.9404e+01	6.6852e+01
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	4.8143e+01	5.2480e+01	-3.0461e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	1.1142e+01	1.0667e+02	-3.2230e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	9.0342e+00	1.0655e+02	1.1465e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	4.6785e+01	7.1700e+01	1.3230e+01
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	5.2661e+01	2.1140e+01	-8.7389e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	1.2931e+01	1.0050e+02	-9.1518e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	6.8811e+00	9.9818e+01	-4.5274e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	5.0639e+01	8.4686e+01	-4.1148e+01
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	4.7170e+01	-2.5183e+01	-1.5175e+02
	1744	0.0000e+00	0.0000e+00	0.0000e+00	1.0025e+01	8.2436e+01	-1.5143e+02
	1745	0.0000e+00	0.0000e+00	0.0000e+00	1.2612e+00	8.5287e+01	-1.0227e+02
	1215	0.0000e+00	0.0000e+00	0.0000e+00	5.6637e+01	9.2133e+01	-1.0260e+02
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	-1.0099e+01	-1.0405e+02	-2.1963e+02
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-4.7045e+01	1.4734e+01	-1.7945e+02
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-2.6701e+01	6.2352e+01	-1.4243e+02
	1214	0.0000e+00	0.0000e+00	0.0000e+00	4.8193e+01	1.0500e+02	-1.8261e+02
843	24	0.0000e+00	0.0000e+00	0.0000e+00	-7.7597e+02	-3.1452e+02	-1.6989e+02
	79	0.0000e+00	0.0000e+00	0.0000e+00	1.5386e+02	-3.6104e+02	4.0889e+01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-1.8612e+02	-1.3295e+02	-1.4094e+02
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-2.3816e+01	1.9248e+02	-3.5172e+02
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	-4.5755e+01	2.2647e+02	3.6502e+02
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-2.0728e+02	-1.7720e+02	1.5522e+02
	79	0.0000e+00	0.0000e+00	0.0000e+00	1.6349e+02	-3.4799e+02	-2.3212e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	-7.8950e+02	-3.5017e+02	1.8660e+02
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	3.2751e+01	1.3300e+02	2.1044e+02
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-3.9590e+01	6.5530e+01	1.5947e+02
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-7.9277e+01	-3.5344e+00	1.8570e+02
	1152	0.0000e+00	0.0000e+00	0.0000e+00	-1.8221e+01	-1.2600e+02	2.3668e+02
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	4.4847e+01	1.2284e+02	1.3787e+02
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-3.7751e+00	9.3041e+01	1.3621e+02
	1741	0.0000e+00	0.0000e+00	0.0000e+00	4.9165e+00	8.6615e+01	1.7783e+02
	1151	0.0000e+00	0.0000e+00	0.0000e+00	3.3219e+01	-3.7064e+01	1.7950e+02
847	1149	0.0000e+00	0.0000e+00	0.0000e+00	3.6926e+01	1.1846e+02	8.4016e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	3.2648e+00	1.1178e+02	9.0856e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	1.1422e+01	1.1076e+02	1.2929e+02

	1150	0.0000e+00	0.0000e+00	0.0000e+00	4.0925e+01	1.7819e+01	1.2245e+02
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	2.6337e+01	1.0972e+02	4.0853e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	4.4338e+00	1.2080e+02	4.7464e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	9.6013e+00	1.2132e+02	8.0917e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	3.2929e+01	5.7151e+01	7.4301e+01
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	1.6888e+01	9.1450e+01	3.9532e+00
	1737	0.0000e+00	0.0000e+00	0.0000e+00	4.6535e+00	1.2178e+02	8.0507e+00
	1738	0.0000e+00	0.0000e+00	0.0000e+00	5.3827e+00	1.2346e+02	3.7635e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	2.3818e+01	8.6988e+01	3.3327e+01
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	8.4069e+00	6.0635e+01	-3.0539e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	4.5990e+00	1.1367e+02	-2.8456e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	5.6977e-01	1.1712e+02	-1.8943e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	1.6228e+01	1.0867e+02	-3.5650e+00
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	-4.0026e+00	1.3865e+01	-6.3087e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	2.9654e+00	9.3239e+01	-6.1074e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-6.4013e+00	1.0043e+02	-3.5824e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	9.4303e+00	1.2299e+02	-3.7836e+01
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	-2.5650e+01	-5.6006e+01	-9.1399e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-2.1384e+01	4.2431e+01	-7.8034e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-2.1627e+01	7.2284e+01	-6.0432e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	-2.2916e+00	1.3111e+02	-7.3795e+01
853	23	0.0000e+00	0.0000e+00	0.0000e+00	-2.6969e+02	-1.7723e+02	-7.6632e+01
	78	0.0000e+00	0.0000e+00	0.0000e+00	6.4657e+01	-1.1411e+02	-2.0480e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	-7.7099e+01	-3.5071e+01	-7.4924e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-2.8145e+01	1.5056e+02	-1.3108e+02
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	2.9436e+02	3.0209e+01	-2.5709e+01
	90	0.0000e+00	0.0000e+00	0.0000e+00	1.2961e+02	-6.8288e+01	2.5012e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	5.3726e+02	8.0484e+01	-1.3328e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	1.9129e+01	5.5377e+01	-6.3492e+01
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	1.7540e+02	3.9609e+01	-3.2090e+01
	1733	0.0000e+00	0.0000e+00	0.0000e+00	1.8423e+02	-5.7473e+00	-4.0107e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	3.7648e+02	6.8277e+01	-4.6303e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	-3.9808e+01	3.4982e+01	-3.8287e+01
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	8.6630e+01	3.2257e+01	-1.8844e+01
	1732	0.0000e+00	0.0000e+00	0.0000e+00	1.0539e+02	-1.0988e+01	-2.7118e+01
	185	0.0000e+00	0.0000e+00	0.0000e+00	2.5986e+02	5.0891e+01	-3.4385e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	-9.1256e+01	2.1712e+01	-2.6055e+01
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	2.1226e+01	2.6566e+01	-1.2049e+01
	1731	0.0000e+00	0.0000e+00	0.0000e+00	3.1039e+01	-1.1921e+01	-1.6214e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	1.6397e+02	3.7014e+01	-2.4339e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	-1.4410e+02	1.4437e+01	-1.9950e+01
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	-6.5167e+01	2.2670e+01	-9.6405e+00
	1730	0.0000e+00	0.0000e+00	0.0000e+00	-5.1097e+01	-1.1810e+01	-1.1009e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	8.1963e+01	2.8555e+01	-1.9054e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.9339e+02	1.0579e+01	-1.7402e+01
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	-1.2438e+02	1.9726e+01	-9.7255e+00
	1729	0.0000e+00	0.0000e+00	0.0000e+00	-1.1096e+02	-1.1154e+01	-9.5003e+00
	152	0.0000e+00	0.0000e+00	0.0000e+00	2.2071e+01	2.3429e+01	-1.6895e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-2.3756e+02	8.9522e+00	-1.7109e+01
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	-1.7837e+02	1.6953e+01	-1.2169e+01
	1728	0.0000e+00	0.0000e+00	0.0000e+00	-1.6555e+02	-1.0430e+01	-1.0293e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-6.6229e+01	2.0150e+01	-1.6701e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-2.7556e+02	-8.4765e+00	-1.8802e+01
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	-2.2570e+02	1.3623e+01	-1.8251e+01
	1727	0.0000e+00	0.0000e+00	0.0000e+00	-2.1453e+02	-1.0173e+01	-1.3885e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.2485e+02	1.7034e+01	-1.8503e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-3.0704e+02	-8.8501e+00	-2.2997e+01
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	-2.5067e+02	7.7801e+00	-2.1855e+01
	1726	0.0000e+00	0.0000e+00	0.0000e+00	-2.5777e+02	-9.3360e+00	-2.1055e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-1.7380e+02	1.2173e+01	-2.4575e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-3.3462e+02	-1.1803e+01	-2.5382e+01
863	89	0.0000e+00	0.0000e+00	0.0000e+00	-8.2682e+01	5.9458e+01	7.9863e+01
	1725	0.0000e+00	0.0000e+00	0.0000e+00	-3.0195e+02	2.1771e+01	7.5753e+00

	99	0.0000e+00	0.0000e+00	0.0000e+00	-1.8795e+02	-1.1015e+01	-4.1379e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.6691e+02	4.3618e+01	4.0836e+01
864	773	0.0000e+00	0.0000e+00	0.0000e+00	1.8652e+01	5.5372e+01	6.3624e+01
	22	0.0000e+00	0.0000e+00	0.0000e+00	5.3720e+02	8.0362e+01	1.3724e+01
	96	0.0000e+00	0.0000e+00	0.0000e+00	1.2944e+02	-6.8270e+01	-2.5180e+01
	1724	0.0000e+00	0.0000e+00	0.0000e+00	2.9429e+02	3.0183e+01	2.5890e+01
865	763	0.0000e+00	0.0000e+00	0.0000e+00	-3.9704e+01	3.4987e+01	3.8440e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	3.7644e+02	6.8275e+01	4.6447e+01
	1724	0.0000e+00	0.0000e+00	0.0000e+00	1.8416e+02	-5.7611e+00	4.0237e+01
	1723	0.0000e+00	0.0000e+00	0.0000e+00	1.7533e+02	3.9607e+01	3.2233e+01
866	753	0.0000e+00	0.0000e+00	0.0000e+00	-9.1294e+01	2.1717e+01	2.6228e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	2.5981e+02	5.0897e+01	3.4547e+01
	1723	0.0000e+00	0.0000e+00	0.0000e+00	1.0530e+02	-1.0991e+01	2.7276e+01
	1722	0.0000e+00	0.0000e+00	0.0000e+00	8.6521e+01	3.2261e+01	1.9025e+01
867	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.4419e+02	1.4450e+01	2.0105e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	1.6391e+02	3.7023e+01	2.4513e+01
	1722	0.0000e+00	0.0000e+00	0.0000e+00	3.0823e+01	-1.1922e+01	1.6404e+01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	2.0968e+01	2.6572e+01	1.2226e+01
868	733	0.0000e+00	0.0000e+00	0.0000e+00	-1.9351e+02	1.0622e+01	1.7487e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	8.1862e+01	2.8573e+01	1.9197e+01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	-5.1074e+01	-1.1809e+01	1.1172e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	-6.5176e+01	2.2679e+01	9.7188e+00
869	723	0.0000e+00	0.0000e+00	0.0000e+00	-2.3768e+02	9.0560e+00	1.7097e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	2.1945e+01	2.3466e+01	1.6956e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	-1.1101e+02	-1.1152e+01	9.5447e+00
	1719	0.0000e+00	0.0000e+00	0.0000e+00	-1.2444e+02	1.9737e+01	9.6608e+00
870	713	0.0000e+00	0.0000e+00	0.0000e+00	-2.7566e+02	-8.6621e+00	1.8711e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-6.6321e+01	2.0219e+01	1.6662e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	-1.6562e+02	-1.0429e+01	1.0201e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	-1.7845e+02	1.6966e+01	1.2017e+01
871	703	0.0000e+00	0.0000e+00	0.0000e+00	-3.0710e+02	-9.1265e+00	2.2878e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-1.2499e+02	1.7151e+01	1.8393e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	-2.1461e+02	-1.0181e+01	1.3733e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	-2.2578e+02	1.3637e+01	1.8103e+01
872	693	0.0000e+00	0.0000e+00	0.0000e+00	-3.3463e+02	-1.2073e+01	2.5261e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	-1.7398e+02	1.2399e+01	2.4454e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	-2.5782e+02	-9.3627e+00	2.0923e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	-2.5074e+02	7.8183e+00	2.1725e+01
873	11	0.0000e+00	0.0000e+00	0.0000e+00	-3.6688e+02	4.3782e+01	-4.0828e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	-1.8824e+02	-1.1343e+01	4.1286e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	-3.0196e+02	2.1736e+01	-7.2593e+00
	95	0.0000e+00	0.0000e+00	0.0000e+00	-8.3202e+01	5.9599e+01	-7.9887e+01
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	1.7632e+02	-1.5922e+01	5.4397e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	3.3953e+02	-6.1434e+01	-1.7683e+01
	97	0.0000e+00	0.0000e+00	0.0000e+00	9.3599e+01	-4.4839e+01	-5.2640e+01
	1715	0.0000e+00	0.0000e+00	0.0000e+00	2.7302e+02	-2.2785e+01	1.9417e+01
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	1.4211e+02	-2.3183e+01	4.2203e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	3.2095e+02	-1.5512e+01	4.0929e+01
	1715	0.0000e+00	0.0000e+00	0.0000e+00	2.2900e+02	-1.4582e+01	3.4590e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	2.3139e+02	5.3615e+00	3.5865e+01
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	7.7783e+01	-2.7584e+01	4.0687e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	2.9560e+02	-1.3882e+01	4.1725e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	1.9507e+02	-1.9231e+01	3.4376e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	1.8039e+02	8.6793e+00	3.3341e+01
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	6.0072e+00	-3.0965e+01	4.4477e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	2.5994e+02	-1.5312e+01	4.1968e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	1.3744e+02	-2.2812e+01	3.3091e+01
	1712	0.0000e+00	0.0000e+00	0.0000e+00	1.2026e+02	1.0000e+01	3.5600e+01
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	-7.9291e+01	-3.7740e+01	5.1943e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	2.1456e+02	-1.7199e+01	4.5835e+01
	1712	0.0000e+00	0.0000e+00	0.0000e+00	7.0330e+01	-2.6578e+01	3.7511e+01
	1711	0.0000e+00	0.0000e+00	0.0000e+00	5.2877e+01	1.0047e+01	4.3617e+01
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	-1.7224e+02	-4.7951e+01	5.8521e+01

	1466	0.0000e+00	0.0000e+00	0.0000e+00	1.6589e+02	-2.4115e+01	5.4424e+01
	1711	0.0000e+00	0.0000e+00	0.0000e+00	7.7144e+00	-3.0689e+01	4.7670e+01
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-1.0966e+01	6.1884e+00	5.1767e+01
880	22	0.0000e+00	0.0000e+00	0.0000e+00	-2.9680e+02	-3.8889e+01	1.1744e+01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	1.4592e+02	-3.9606e+01	7.4106e+01
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-9.8741e+01	-1.5618e+01	3.7835e+01
	96	0.0000e+00	0.0000e+00	0.0000e+00	7.8636e+01	5.3788e+01	-2.5521e+01
881	1709	0.0000e+00	0.0000e+00	0.0000e+00	2.7304e+02	-2.2812e+01	-1.9413e+01
	91	0.0000e+00	0.0000e+00	0.0000e+00	9.3655e+01	-4.4867e+01	5.2647e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	3.3967e+02	-6.1495e+01	1.7672e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	1.7633e+02	-1.5973e+01	-5.4362e+01
882	1708	0.0000e+00	0.0000e+00	0.0000e+00	2.3138e+02	5.4446e+00	-3.5840e+01
	1709	0.0000e+00	0.0000e+00	0.0000e+00	2.2899e+02	-1.4577e+01	-3.4568e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	3.2099e+02	-1.5612e+01	-4.0900e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	1.4216e+02	-2.3196e+01	-4.2173e+01
883	1707	0.0000e+00	0.0000e+00	0.0000e+00	1.8038e+02	8.7032e+00	-3.3305e+01
	1708	0.0000e+00	0.0000e+00	0.0000e+00	1.9506e+02	-1.9231e+01	-3.4348e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	2.9561e+02	-1.3928e+01	-4.1696e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	7.7902e+01	-2.7584e+01	-4.0654e+01
884	1706	0.0000e+00	0.0000e+00	0.0000e+00	1.2028e+02	1.0008e+01	-3.5555e+01
	1707	0.0000e+00	0.0000e+00	0.0000e+00	1.3745e+02	-2.2811e+01	-3.3052e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	2.5993e+02	-1.5320e+01	-4.1934e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	7.7064e+00	-3.0962e+01	-4.4439e+01
885	1705	0.0000e+00	0.0000e+00	0.0000e+00	5.2996e+01	1.0050e+01	-4.3574e+01
	1706	0.0000e+00	0.0000e+00	0.0000e+00	7.0407e+01	-2.6577e+01	-3.7467e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	2.1455e+02	-1.7196e+01	-4.5796e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-7.9450e+01	-3.7739e+01	-5.1904e+01
886	1704	0.0000e+00	0.0000e+00	0.0000e+00	-1.1842e+01	6.1975e+00	-5.1723e+01
	1705	0.0000e+00	0.0000e+00	0.0000e+00	8.8468e+00	-3.0684e+01	-4.7627e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	1.6590e+02	-2.4114e+01	-5.4388e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-1.7231e+02	-4.7946e+01	-5.8483e+01
887	90	0.0000e+00	0.0000e+00	0.0000e+00	7.8859e+01	5.3768e+01	2.5368e+01
	1704	0.0000e+00	0.0000e+00	0.0000e+00	-9.8846e+01	-1.5590e+01	-3.7754e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	1.4593e+02	-3.9600e+01	-7.4099e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	-2.9680e+02	-3.8785e+01	-1.1351e+01
888	33	0.0000e+00	0.0000e+00	0.0000e+00	-2.7220e+02	-1.7261e+02	-1.7209e+01
	88	0.0000e+00	0.0000e+00	0.0000e+00	6.2814e+01	-1.2936e+02	4.0087e+01
	94	0.0000e+00	0.0000e+00	0.0000e+00	-9.8078e+01	-6.8112e+01	3.6343e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	3.6295e+00	4.8136e+01	-5.3682e+01
889	77	0.0000e+00	0.0000e+00	0.0000e+00	1.1145e+02	9.6876e+01	6.1381e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	3.2918e+02	1.7242e+02	-5.5373e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	6.7339e+01	-6.0538e+01	-7.2983e+01
	98	0.0000e+00	0.0000e+00	0.0000e+00	1.3228e+02	5.1773e+01	4.5463e+01
890	91	0.0000e+00	0.0000e+00	0.0000e+00	4.6369e+00	4.8130e+01	5.3696e+01
	93	0.0000e+00	0.0000e+00	0.0000e+00	-9.8070e+01	-6.8102e+01	-3.6001e+00
	78	0.0000e+00	0.0000e+00	0.0000e+00	6.2807e+01	-1.2937e+02	-4.0092e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	-2.7218e+02	-1.7259e+02	1.7233e+01
891	92	0.0000e+00	0.0000e+00	0.0000e+00	1.3204e+02	5.1731e+01	-4.4430e+01
	89	0.0000e+00	0.0000e+00	0.0000e+00	6.5025e+01	-6.0515e+01	7.2974e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	3.2859e+02	1.7251e+02	5.5399e+01
	67	0.0000e+00	0.0000e+00	0.0000e+00	1.0774e+02	9.6975e+01	-6.0615e+01
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	6.8741e+02	-3.6637e+01	4.2417e+01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	5.7135e+02	-1.4895e+02	3.0565e+02
	29	0.0000e+00	0.0000e+00	0.0000e+00	1.3090e+03	4.9762e+01	1.9048e+02
	1352	0.0000e+00	0.0000e+00	0.0000e+00	4.8015e+02	1.6490e+02	-7.2757e+01
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	4.4851e+02	-7.0248e+01	3.6173e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	3.7875e+02	3.7971e+00	1.6056e+02
	1703	0.0000e+00	0.0000e+00	0.0000e+00	4.8851e+02	-4.1692e+01	1.8596e+02
	1696	0.0000e+00	0.0000e+00	0.0000e+00	5.8938e+02	-2.0335e+01	6.1577e+01
894	1694	0.0000e+00	0.0000e+00	0.0000e+00	3.4877e+02	-2.8846e+01	3.0881e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	2.9280e+02	3.0417e+01	8.7044e+01
	1702	0.0000e+00	0.0000e+00	0.0000e+00	3.4034e+02	-2.1176e+01	1.2027e+02
	1695	0.0000e+00	0.0000e+00	0.0000e+00	4.1440e+02	-2.7957e+01	6.4106e+01

895	1693	0.0000e+00	0.0000e+00	0.0000e+00	3.1495e+02	-1.0676e+01	9.0767e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	2.6067e+02	3.4130e+01	2.8334e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	2.7541e+02	5.8034e+00	6.0321e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	3.3905e+02	-1.3236e+01	4.1043e+01
896	1692	0.0000e+00	0.0000e+00	0.0000e+00	3.2617e+02	-7.8603e+00	-1.6296e+01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	2.6817e+02	2.3496e+01	-2.6647e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	2.5847e+02	2.4012e+01	5.3606e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	3.1502e+02	-8.4261e+00	1.5600e+01
897	1691	0.0000e+00	0.0000e+00	0.0000e+00	3.8483e+02	-1.5287e+01	-4.0910e+01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	3.1993e+02	4.2459e+00	-8.5055e+01
	1699	0.0000e+00	0.0000e+00	0.0000e+00	2.8053e+02	2.8240e+01	-5.2038e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	3.3529e+02	-1.8120e+01	-7.9144e+00
898	1690	0.0000e+00	0.0000e+00	0.0000e+00	5.2909e+02	-5.6186e+00	-4.5712e+01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	4.4343e+02	-1.0695e+01	-1.4840e+02
	1698	0.0000e+00	0.0000e+00	0.0000e+00	3.5098e+02	1.0293e+01	-1.2141e+02
	1691	0.0000e+00	0.0000e+00	0.0000e+00	4.1464e+02	-4.8772e+01	-1.8721e+01
899	1647	0.0000e+00	0.0000e+00	0.0000e+00	4.3583e+02	1.5038e+02	5.7320e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	1.1285e+03	6.6576e+01	-1.6119e+02
	1697	0.0000e+00	0.0000e+00	0.0000e+00	5.1204e+02	-1.1109e+02	-2.5071e+02
	1690	0.0000e+00	0.0000e+00	0.0000e+00	6.1197e+02	-1.7525e+01	-3.2203e+01
900	1689	0.0000e+00	0.0000e+00	0.0000e+00	3.8954e+02	3.2654e+01	-2.9149e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	5.3626e+02	3.2143e+01	-2.7401e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	5.3841e+02	8.7663e+01	-1.5325e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	3.9095e+02	6.3143e+01	-1.7084e+01
901	1688	0.0000e+00	0.0000e+00	0.0000e+00	3.8213e+02	-3.3708e+01	-1.7904e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	4.2862e+02	-3.8580e+01	2.6715e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	4.9674e+02	-4.7702e+01	-5.4085e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	4.0376e+02	1.0836e+01	-4.9746e+01
902	1687	0.0000e+00	0.0000e+00	0.0000e+00	3.3857e+02	-2.6994e+01	-5.3986e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	3.5810e+02	-2.8481e+01	3.3290e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	4.1238e+02	-3.4950e+01	2.3655e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	3.6204e+02	-1.7257e+01	-1.5028e+01
903	1686	0.0000e+00	0.0000e+00	0.0000e+00	3.1367e+02	-1.6354e+01	3.1835e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	3.2822e+02	-1.5121e+01	1.9112e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	3.4801e+02	-1.7706e+01	1.9004e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	3.2605e+02	-1.6160e+01	3.1480e+00
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	3.1672e+02	-1.2825e+01	1.0681e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	3.3659e+02	-1.3538e+01	3.3433e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	3.2692e+02	-1.2082e+01	4.3804e+00
	1686	0.0000e+00	0.0000e+00	0.0000e+00	3.1155e+02	-1.4622e+01	1.1676e+01
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.4174e+02	-1.1055e+01	2.3404e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	3.8555e+02	-2.3544e+01	-5.7241e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	3.4396e+02	-1.8332e+01	-1.1113e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	3.2465e+02	-2.0090e+01	1.8022e+01
906	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.7456e+02	1.3083e+01	4.7261e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	4.5398e+02	-3.1310e+01	1.1232e+01
	1691	0.0000e+00	0.0000e+00	0.0000e+00	3.9903e+02	-2.3650e+01	-1.0932e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.5689e+02	-2.4067e+01	2.5118e+01
907	1639	0.0000e+00	0.0000e+00	0.0000e+00	3.6364e+02	5.6465e+01	1.2088e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	4.8950e+02	8.3368e+01	1.0210e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	4.8752e+02	3.6812e+01	2.6457e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.6182e+02	3.1460e+01	2.8334e+01
908	1682	0.0000e+00	0.0000e+00	0.0000e+00	2.5577e+02	5.5986e+00	-3.5818e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	3.6666e+02	1.7601e+01	-3.6533e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	3.6009e+02	3.8800e+01	-1.4904e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	2.6092e+02	8.1651e+00	-1.4193e+01
909	1681	0.0000e+00	0.0000e+00	0.0000e+00	2.5373e+02	-4.0413e+00	-4.3008e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	3.4489e+02	-2.0582e+01	-3.4086e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	3.5130e+02	-2.1792e+00	-4.3478e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	2.6533e+02	-1.3353e+00	-5.2405e+01
910	1680	0.0000e+00	0.0000e+00	0.0000e+00	2.4308e+02	-2.0103e+00	-2.5489e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	3.1127e+02	-1.9228e+01	-9.2786e+00
	1688	0.0000e+00	0.0000e+00	0.0000e+00	3.3344e+02	-2.3556e+01	-3.0102e+01



	1681	0.0000e+00	0.0000e+00	0.0000e+00	2.5365e+02	5.7306e-01	-4.6338e+01
911	1679	0.0000e+00	0.0000e+00	0.0000e+00	2.3390e+02	3.8102e+00	-5.3794e-01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	2.9301e+02	-1.3953e+01	8.2207e+00
	1687	0.0000e+00	0.0000e+00	0.0000e+00	3.0476e+02	-1.8387e+01	-1.2000e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	2.3959e+02	4.2266e+00	-2.0628e+01
912	1678	0.0000e+00	0.0000e+00	0.0000e+00	2.3366e+02	5.0706e+00	2.4963e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	2.9590e+02	-1.4757e+01	2.2451e+01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	2.9199e+02	-1.3252e+01	3.4959e+00
	1679	0.0000e+00	0.0000e+00	0.0000e+00	2.3252e+02	4.9970e+00	5.9879e+00
913	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.4175e+02	1.6931e+00	4.7043e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.1549e+02	-1.7385e+01	3.6001e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	3.0040e+02	-1.4690e+01	1.8595e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	2.3459e+02	1.2978e+00	2.9637e+01
914	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.5041e+02	-1.2358e+00	4.9352e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.2894e+02	1.0730e+00	4.2456e+01
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.2505e+02	-1.4987e+01	3.7051e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.4039e+02	-2.4016e+00	4.3949e+01
915	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.4656e+02	3.1823e+00	1.1125e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	3.3708e+02	3.3298e+01	1.1266e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.4229e+02	1.6261e+01	3.3742e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.4162e+02	2.3270e+00	3.3601e+01
916	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.2459e+02	-3.0917e+01	-4.4468e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	2.3426e+02	-1.4149e+01	-3.9139e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	2.3218e+02	-1.3607e+01	-1.2631e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.3741e+02	-4.9314e+01	-1.7962e+01
917	1674	0.0000e+00	0.0000e+00	0.0000e+00	1.1985e+02	9.7358e+00	-5.4939e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	2.2072e+02	-6.1614e+00	-4.7359e+01
	1682	0.0000e+00	0.0000e+00	0.0000e+00	2.2119e+02	-9.9087e+00	-5.2562e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.3467e+02	-1.5411e+01	-6.0143e+01
918	1673	0.0000e+00	0.0000e+00	0.0000e+00	1.2521e+02	2.7297e+01	-2.9948e+01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	2.0705e+02	4.2512e+00	-2.6915e+01
	1681	0.0000e+00	0.0000e+00	0.0000e+00	2.1243e+02	-3.5015e+00	-5.0277e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	1.2596e+02	1.9814e+01	-5.3313e+01
919	1672	0.0000e+00	0.0000e+00	0.0000e+00	1.2812e+02	3.2274e+01	-9.0170e-01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	2.0008e+02	8.5002e+00	7.2374e-01
	1680	0.0000e+00	0.0000e+00	0.0000e+00	2.0439e+02	4.4790e+00	-2.5298e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	1.2694e+02	3.2120e+01	-2.6847e+01
920	1671	0.0000e+00	0.0000e+00	0.0000e+00	1.2396e+02	3.1609e+01	2.6305e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	1.9918e+02	5.7291e+00	2.8120e+01
	1679	0.0000e+00	0.0000e+00	0.0000e+00	1.9946e+02	8.7428e+00	2.8980e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	1.2734e+02	3.2818e+01	1.0855e+00
921	1670	0.0000e+00	0.0000e+00	0.0000e+00	1.2004e+02	1.8634e+01	5.1093e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.0277e+02	-2.3794e+00	5.0486e+01
	1678	0.0000e+00	0.0000e+00	0.0000e+00	2.0065e+02	5.6542e+00	2.8860e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	1.2093e+02	2.7554e+01	2.9468e+01
922	1669	0.0000e+00	0.0000e+00	0.0000e+00	1.2726e+02	-1.8128e+01	5.6715e+01
	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.0958e+02	-1.1416e+01	5.0021e+01
	1677	0.0000e+00	0.0000e+00	0.0000e+00	2.0996e+02	-5.6443e+00	4.6284e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	1.1339e+02	8.4970e+00	5.2978e+01
923	1623	0.0000e+00	0.0000e+00	0.0000e+00	1.2942e+02	-5.3127e+01	1.5017e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.2018e+02	-1.8043e+01	9.8195e+00
	1676	0.0000e+00	0.0000e+00	0.0000e+00	2.2173e+02	-1.6916e+01	3.6266e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	1.1739e+02	-3.4282e+01	4.1463e+01
924	1668	0.0000e+00	0.0000e+00	0.0000e+00	-3.3719e+01	-7.0751e+01	-6.2826e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	1.0509e+02	-5.3854e+01	-4.8841e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.0840e+02	-7.5015e+01	-1.3743e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-9.4172e+00	-1.2779e+02	-2.7728e+01
925	1667	0.0000e+00	0.0000e+00	0.0000e+00	-1.7748e+01	3.9991e+01	-5.1903e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	8.2439e+01	1.0653e+01	-4.7989e+01
	1675	0.0000e+00	0.0000e+00	0.0000e+00	8.3896e+01	-2.5847e+01	-6.6810e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-1.1558e+01	-1.7825e+01	-7.0724e+01
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	2.3047e+01	5.2050e+01	-1.0756e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	8.6893e+01	3.5909e+01	-2.7429e+01

	1674	0.0000e+00	0.0000e+00	0.0000e+00	8.3204e+01	1.5105e+01	-5.3432e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-7.7390e+00	5.0589e+01	-3.6760e+01
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	3.9946e+01	5.1127e+01	2.9199e+00
	1672	0.0000e+00	0.0000e+00	0.0000e+00	9.4826e+01	3.7085e+01	-3.9957e+00
	1673	0.0000e+00	0.0000e+00	0.0000e+00	9.2400e+01	3.1806e+01	-2.2170e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	2.8502e+01	5.3843e+01	-1.5256e+01
928	1664	0.0000e+00	0.0000e+00	0.0000e+00	2.7347e+01	5.2772e+01	1.2517e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	8.9896e+01	3.1665e+01	2.0906e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	9.4506e+01	3.6988e+01	3.0835e+00
	1665	0.0000e+00	0.0000e+00	0.0000e+00	3.9591e+01	5.1258e+01	-5.3064e+00
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	-9.8603e+00	4.8474e+01	3.3266e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	7.8614e+01	1.4073e+01	5.0978e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	8.3765e+01	3.5459e+01	2.5766e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	2.1324e+01	5.1108e+01	8.0545e+00
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	-1.4555e+01	-2.0863e+01	6.6721e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	7.8155e+01	-2.8428e+01	6.3366e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	7.7249e+01	9.1215e+00	4.5128e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-2.0272e+01	3.7763e+01	4.8483e+01
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.3263e+01	-1.3090e+02	2.3848e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	1.0178e+02	-7.8448e+01	1.0483e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	9.8824e+01	-5.6815e+01	4.5535e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-3.6929e+01	-7.3948e+01	5.8899e+01
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	-2.9397e+02	-9.9251e+01	-8.0207e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-5.1961e+01	-9.7111e+01	-6.2182e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-4.2980e+01	-1.6897e+02	-2.2010e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-2.6668e+02	-2.4659e+02	-4.0035e+01
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	-1.0548e+02	7.1765e+01	4.1208e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-7.1952e+01	7.2185e+01	-2.5250e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-9.7681e+01	-3.1329e+01	-9.4451e+01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-2.1361e+02	1.0649e+02	-2.7999e+01
934	1659	0.0000e+00	0.0000e+00	0.0000e+00	-1.8515e+01	5.4789e+01	4.2506e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-7.5278e+00	6.2233e+01	-7.2639e+00
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-3.4129e+01	4.3138e+01	-1.5466e+01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-9.1478e+01	6.6867e+01	3.4304e+01
935	1658	0.0000e+00	0.0000e+00	0.0000e+00	1.0765e+01	3.9562e+01	9.3923e+00
	1665	0.0000e+00	0.0000e+00	0.0000e+00	2.2513e+01	5.1568e+01	-5.7940e+00
	1666	0.0000e+00	0.0000e+00	0.0000e+00	1.0201e+01	4.9618e+01	3.2394e+00
	1659	0.0000e+00	0.0000e+00	0.0000e+00	-8.4234e+00	4.3696e+01	1.8425e+01
936	1657	0.0000e+00	0.0000e+00	0.0000e+00	-8.4663e+00	4.2375e+01	-2.1798e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	9.3591e+00	4.8809e+01	-6.2749e+00
	1665	0.0000e+00	0.0000e+00	0.0000e+00	2.2398e+01	5.1325e+01	2.9425e+00
	1658	0.0000e+00	0.0000e+00	0.0000e+00	1.0653e+01	3.9464e+01	-1.2582e+01
937	1656	0.0000e+00	0.0000e+00	0.0000e+00	-9.1619e+01	6.4220e+01	-3.8148e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-3.5675e+01	4.1181e+01	1.1819e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	-8.4858e+00	6.0918e+01	4.0770e+00
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-1.8744e+01	5.3250e+01	-4.5889e+01
938	1655	0.0000e+00	0.0000e+00	0.0000e+00	-2.1372e+02	1.0294e+02	2.3550e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-9.9915e+01	-3.4217e+01	9.0173e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	-7.3734e+01	6.9788e+01	2.1517e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.0570e+02	6.8940e+01	-4.5111e+01
939	1607	0.0000e+00	0.0000e+00	0.0000e+00	-2.6788e+02	-2.5007e+02	3.4672e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-4.6270e+01	-1.7196e+02	1.7485e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	-5.4481e+01	-1.0013e+02	5.8167e+01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-2.9426e+02	-1.0278e+02	7.5354e+01
940	945	0.0000e+00	0.0000e+00	0.0000e+00	-1.4853e+02	4.2166e+02	6.4633e+02
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-6.4813e+02	6.1516e+01	6.4011e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-2.1051e+01	-4.3008e+02	-1.5498e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	-1.9492e+03	-3.5548e+02	4.2734e+02
941	944	0.0000e+00	0.0000e+00	0.0000e+00	-1.1449e+01	5.2790e+01	1.8832e+02
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-1.2635e+02	1.2242e+02	4.5354e+01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-4.1993e+02	6.7151e+01	1.3411e+02
	945	0.0000e+00	0.0000e+00	0.0000e+00	-6.3802e+00	-3.9435e+01	2.7708e+02
942	943	0.0000e+00	0.0000e+00	0.0000e+00	4.4194e+01	8.8525e+00	8.3006e+01

	1659	0.0000e+00	0.0000e+00	0.0000e+00	-8.3099e+00	4.4093e+01	3.9274e+01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	-7.2724e+01	6.0962e+01	9.7333e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	2.1390e+01	-1.9050e+01	1.4106e+02
943	942	0.0000e+00	0.0000e+00	0.0000e+00	5.6412e+01	-1.0999e+01	8.9817e+00
	1658	0.0000e+00	0.0000e+00	0.0000e+00	2.3632e+01	2.8303e+01	-1.1804e+00
	1659	0.0000e+00	0.0000e+00	0.0000e+00	5.8318e+00	3.5331e+01	4.4149e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	5.4669e+01	-1.5416e+01	5.4306e+01
944	941	0.0000e+00	0.0000e+00	0.0000e+00	5.5224e+01	-1.6884e+01	-5.7386e+01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	5.9212e+00	3.4167e+01	-4.7548e+01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	2.3649e+01	2.7991e+01	-2.1138e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	5.6422e+01	-1.1230e+01	-1.1952e+01
945	940	0.0000e+00	0.0000e+00	0.0000e+00	2.2584e+01	-2.2099e+01	-1.4448e+02
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-7.2355e+01	5.8425e+01	-1.0114e+02
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-8.1598e+00	4.2302e+01	-4.2761e+01
	941	0.0000e+00	0.0000e+00	0.0000e+00	4.4794e+01	6.9500e+00	-8.6095e+01
946	939	0.0000e+00	0.0000e+00	0.0000e+00	4.9529e+00	-4.3652e+01	-2.8110e+02
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-4.1945e+02	6.3717e+01	-1.3861e+02
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-1.2587e+02	1.1932e+02	-4.9259e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.0326e+01	4.9300e+01	-1.9175e+02
947	17	0.0000e+00	0.0000e+00	0.0000e+00	-1.9488e+03	-3.5971e+02	-4.3264e+02
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-1.8388e+01	-4.3307e+02	1.4960e+02
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-6.4743e+02	5.7210e+01	-6.8770e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-1.4623e+02	4.1737e+02	-6.5101e+02
948	1646	0.0000e+00	0.0000e+00	0.0000e+00	6.1197e+02	-1.7500e+01	3.2209e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	5.1205e+02	-1.1109e+02	2.5071e+02
	28	0.0000e+00	0.0000e+00	0.0000e+00	1.1285e+03	6.6631e+01	1.6120e+02
	1647	0.0000e+00	0.0000e+00	0.0000e+00	4.3582e+02	1.5039e+02	-5.7302e+01
949	1645	0.0000e+00	0.0000e+00	0.0000e+00	4.1464e+02	-4.8755e+01	1.8721e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	3.5099e+02	1.0289e+01	1.2141e+02
	1654	0.0000e+00	0.0000e+00	0.0000e+00	4.4344e+02	-1.0658e+01	1.4841e+02
	1646	0.0000e+00	0.0000e+00	0.0000e+00	5.2909e+02	-5.5999e+00	4.5715e+01
950	1644	0.0000e+00	0.0000e+00	0.0000e+00	3.3529e+02	-1.8111e+01	7.9102e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	2.8053e+02	2.8234e+01	5.2037e+01
	1653	0.0000e+00	0.0000e+00	0.0000e+00	3.1993e+02	4.2752e+00	8.5055e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	3.8483e+02	-1.5273e+01	4.0910e+01
951	1643	0.0000e+00	0.0000e+00	0.0000e+00	3.1502e+02	-8.4236e+00	-1.5597e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	2.5847e+02	2.4000e+01	-5.3497e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	2.6817e+02	2.3515e+01	2.6644e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	3.2617e+02	-7.8529e+00	1.6294e+01
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	3.3905e+02	-1.3241e+01	-4.1042e+01
	1650	0.0000e+00	0.0000e+00	0.0000e+00	2.7541e+02	5.7851e+00	-6.0321e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	2.6067e+02	3.4141e+01	-2.8332e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	3.1495e+02	-1.0677e+01	-9.0720e+00
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	4.1440e+02	-2.7969e+01	-6.4106e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	3.4034e+02	-2.1198e+01	-1.2027e+02
	1650	0.0000e+00	0.0000e+00	0.0000e+00	2.9280e+02	3.0421e+01	-8.7044e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	3.4876e+02	-2.8854e+01	-3.0880e+01
954	1640	0.0000e+00	0.0000e+00	0.0000e+00	5.8938e+02	-2.0348e+01	-6.1575e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	4.8850e+02	-4.1717e+01	-1.8596e+02
	1649	0.0000e+00	0.0000e+00	0.0000e+00	3.7875e+02	3.7803e+00	-1.6056e+02
	1641	0.0000e+00	0.0000e+00	0.0000e+00	4.4850e+02	-7.0262e+01	-3.6172e+01
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	4.8016e+02	1.6489e+02	7.2774e+01
	27	0.0000e+00	0.0000e+00	0.0000e+00	1.3090e+03	4.9694e+01	-1.9047e+02
	1648	0.0000e+00	0.0000e+00	0.0000e+00	5.7134e+02	-1.4895e+02	-3.0565e+02
	1640	0.0000e+00	0.0000e+00	0.0000e+00	6.8742e+02	-3.6656e+01	-4.2412e+01
956	1638	0.0000e+00	0.0000e+00	0.0000e+00	3.6182e+02	3.1472e+01	-2.8334e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	4.8752e+02	3.6833e+01	-2.6453e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	4.8951e+02	8.3371e+01	-1.0202e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	3.6364e+02	5.6468e+01	-1.2083e+01
957	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.5688e+02	-2.4053e+01	-2.5119e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	3.9903e+02	-2.3632e+01	1.0931e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	4.5398e+02	-3.1295e+01	-1.1234e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	3.7456e+02	1.3096e+01	-4.7260e+01

958	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.2464e+02	-2.0081e+01	-1.8022e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	3.4396e+02	-1.8321e+01	1.1109e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	3.8555e+02	-2.3532e+01	5.7228e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.4173e+02	-1.1042e+01	-2.3406e+01
959	1635	0.0000e+00	0.0000e+00	0.0000e+00	3.1155e+02	-1.4621e+01	-1.1674e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	3.2692e+02	-1.2078e+01	-4.3725e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	3.3659e+02	-1.3533e+01	-3.3393e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.1671e+02	-1.2818e+01	-1.0681e+01
960	1634	0.0000e+00	0.0000e+00	0.0000e+00	3.2606e+02	-1.6166e+01	-3.1336e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	3.4801e+02	-1.7710e+01	-1.9003e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	3.2822e+02	-1.5124e+01	-1.9112e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	3.1367e+02	-1.6355e+01	-3.1753e+00
961	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.6204e+02	-1.7269e+01	1.5022e+01
	1641	0.0000e+00	0.0000e+00	0.0000e+00	4.1238e+02	-3.4960e+01	-2.3654e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	3.5811e+02	-2.8491e+01	-3.3290e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	3.3857e+02	-2.7002e+01	5.3887e+00
962	1632	0.0000e+00	0.0000e+00	0.0000e+00	4.0377e+02	1.0821e+01	4.9745e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	4.9675e+02	-4.7715e+01	5.3913e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	4.2862e+02	-3.8595e+01	-2.6714e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.8214e+02	-3.3721e+01	1.7900e+01
963	1276	0.0000e+00	0.0000e+00	0.0000e+00	3.9095e+02	6.3140e+01	1.7087e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	5.3841e+02	8.7662e+01	1.5332e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	5.3627e+02	3.2122e+01	2.7403e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	3.8955e+02	3.2643e+01	2.9148e+01
964	1630	0.0000e+00	0.0000e+00	0.0000e+00	2.4161e+02	2.3364e+00	-3.3603e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	3.4229e+02	1.6272e+01	-3.3739e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	3.3708e+02	3.3302e+01	-1.1263e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.4656e+02	3.1846e+00	-1.1127e+01
965	1629	0.0000e+00	0.0000e+00	0.0000e+00	2.4038e+02	-2.3874e+00	-4.3949e+01
	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.2504e+02	-1.4974e+01	-3.7051e+01
	1638	0.0000e+00	0.0000e+00	0.0000e+00	3.2893e+02	1.0844e+00	-4.2456e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	2.5040e+02	-1.2260e+00	-4.9353e+01
966	1628	0.0000e+00	0.0000e+00	0.0000e+00	2.3459e+02	1.3031e+00	-2.9635e+01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	3.0040e+02	-1.4681e+01	-1.8595e+01
	1637	0.0000e+00	0.0000e+00	0.0000e+00	3.1549e+02	-1.7372e+01	-3.6002e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	2.4174e+02	1.7056e+00	-4.7041e+01
967	1627	0.0000e+00	0.0000e+00	0.0000e+00	2.3251e+02	4.9984e+00	-5.9830e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	2.9199e+02	-1.3250e+01	-3.4903e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	2.9589e+02	-1.4750e+01	-2.2451e+01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	2.3366e+02	5.0774e+00	-2.4960e+01
968	1626	0.0000e+00	0.0000e+00	0.0000e+00	2.3959e+02	4.2207e+00	2.0629e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	3.0476e+02	-1.8393e+01	1.1996e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	2.9301e+02	-1.3954e+01	-8.2175e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	2.3390e+02	3.8094e+00	5.1817e-01
969	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.5366e+02	5.5883e-01	4.6338e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.3345e+02	-2.3568e+01	3.0099e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	3.1127e+02	-1.9237e+01	9.2735e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	2.4308e+02	-2.0216e+00	2.5490e+01
970	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.6533e+02	-1.3100e+00	5.2404e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	3.5130e+02	-2.1689e+00	4.3477e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	3.4489e+02	-2.0594e+01	3.4084e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.5373e+02	-4.0520e+00	4.3007e+01
971	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.6091e+02	8.1584e+00	1.4190e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	3.6009e+02	3.8798e+01	1.4905e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	3.6667e+02	1.7590e+01	3.6534e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.5577e+02	5.5829e+00	3.5814e+01
972	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.1738e+02	-3.4268e+01	-4.1471e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	2.2173e+02	-1.6906e+01	-3.6268e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	2.2018e+02	-1.8040e+01	-9.8236e+00
	1623	0.0000e+00	0.0000e+00	0.0000e+00	1.2942e+02	-5.3123e+01	-1.5027e+01
973	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.1338e+02	8.5152e+00	-5.2977e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	2.0995e+02	-5.6295e+00	-4.6282e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	2.0957e+02	-1.1403e+01	-5.0024e+01

	1622	0.0000e+00	0.0000e+00	0.0000e+00	1.2726e+02	-1.8111e+01	-5.6718e+01
974	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.2093e+02	2.7566e+01	-2.9462e+01
	1628	0.0000e+00	0.0000e+00	0.0000e+00	2.0064e+02	5.6643e+00	-2.8857e+01
	1629	0.0000e+00	0.0000e+00	0.0000e+00	2.0276e+02	-2.3658e+00	-5.0485e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	1.2003e+02	1.8650e+01	-5.1090e+01
975	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.2734e+02	3.2820e+01	-1.0748e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	1.9946e+02	8.7445e+00	-2.8922e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	1.9918e+02	5.7361e+00	-2.8117e+01
	1620	0.0000e+00	0.0000e+00	0.0000e+00	1.2396e+02	3.1618e+01	-2.6298e+01
976	1618	0.0000e+00	0.0000e+00	0.0000e+00	1.2694e+02	3.2112e+01	2.6853e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	2.0440e+02	4.4727e+00	2.5300e+01
	1627	0.0000e+00	0.0000e+00	0.0000e+00	2.0008e+02	8.4986e+00	-7.0379e-01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	1.2812e+02	3.2272e+01	9.0602e-01
977	1617	0.0000e+00	0.0000e+00	0.0000e+00	1.2596e+02	1.9798e+01	5.3315e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.1244e+02	-3.5142e+00	5.0277e+01
	1626	0.0000e+00	0.0000e+00	0.0000e+00	2.0705e+02	4.2421e+00	2.6917e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	1.2521e+02	2.7285e+01	2.9953e+01
978	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.3468e+02	-1.5426e+01	6.0139e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.2119e+02	-9.9175e+00	5.2558e+01
	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.2072e+02	-6.1740e+00	4.7359e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	1.1986e+02	9.7177e+00	5.4939e+01
979	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.3740e+02	-4.9314e+01	1.7951e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.3218e+02	-1.3603e+01	1.2626e+01
	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.3426e+02	-1.4155e+01	3.9136e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.2459e+02	-3.0928e+01	4.4459e+01
980	1614	0.0000e+00	0.0000e+00	0.0000e+00	-3.6939e+01	-7.3920e+01	-5.8914e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	9.8815e+01	-5.6798e+01	-4.5541e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	1.0177e+02	-7.8442e+01	-1.0497e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.3261e+01	-1.3089e+02	-2.3870e+01
981	1613	0.0000e+00	0.0000e+00	0.0000e+00	-2.0278e+01	3.7789e+01	-4.8478e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	7.7239e+01	9.1426e+00	-4.5126e+01
	1622	0.0000e+00	0.0000e+00	0.0000e+00	7.8145e+01	-2.8408e+01	-6.3372e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-1.4565e+01	-2.0831e+01	-6.6725e+01
982	1612	0.0000e+00	0.0000e+00	0.0000e+00	2.1320e+01	5.1122e+01	-8.0438e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	8.3758e+01	3.5472e+01	-2.5759e+01
	1621	0.0000e+00	0.0000e+00	0.0000e+00	7.8606e+01	1.4091e+01	-5.0974e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-9.8651e+00	4.8497e+01	-3.3259e+01
983	1611	0.0000e+00	0.0000e+00	0.0000e+00	3.9590e+01	5.1259e+01	5.3173e+00
	1619	0.0000e+00	0.0000e+00	0.0000e+00	9.4504e+01	3.6989e+01	-3.0754e+00
	1620	0.0000e+00	0.0000e+00	0.0000e+00	8.9891e+01	3.1674e+01	-2.0898e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	2.7343e+01	5.2781e+01	-1.2506e+01
984	1610	0.0000e+00	0.0000e+00	0.0000e+00	2.8502e+01	5.3832e+01	1.5266e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	9.2402e+01	3.1797e+01	2.2177e+01
	1619	0.0000e+00	0.0000e+00	0.0000e+00	9.4825e+01	3.7083e+01	4.0029e+00
	1611	0.0000e+00	0.0000e+00	0.0000e+00	3.9945e+01	5.1124e+01	-2.9096e+00
985	1609	0.0000e+00	0.0000e+00	0.0000e+00	-7.7241e+00	5.0566e+01	3.6766e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	8.3209e+01	1.5087e+01	5.3435e+01
	1618	0.0000e+00	0.0000e+00	0.0000e+00	8.6896e+01	3.5896e+01	2.7435e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	2.3046e+01	5.2035e+01	1.0766e+01
986	1608	0.0000e+00	0.0000e+00	0.0000e+00	-1.1541e+01	-1.7855e+01	7.0718e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	8.3902e+01	-2.5864e+01	6.6802e+01
	1617	0.0000e+00	0.0000e+00	0.0000e+00	8.2446e+01	1.0632e+01	4.7990e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-1.7738e+01	3.9966e+01	5.1906e+01
987	1243	0.0000e+00	0.0000e+00	0.0000e+00	-9.4064e+00	-1.2780e+02	2.7705e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.0840e+02	-7.5018e+01	1.3728e+01
	1616	0.0000e+00	0.0000e+00	0.0000e+00	1.0510e+02	-5.3868e+01	4.8834e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-3.3707e+01	-7.0776e+01	6.2810e+01
988	1606	0.0000e+00	0.0000e+00	0.0000e+00	-2.9427e+02	-1.0269e+02	-7.5373e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-5.4501e+01	-1.0009e+02	-5.8172e+01
	1615	0.0000e+00	0.0000e+00	0.0000e+00	-4.6279e+01	-1.7194e+02	-1.7515e+01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-2.6787e+02	-2.5005e+02	-3.4715e+01
989	1605	0.0000e+00	0.0000e+00	0.0000e+00	-1.0569e+02	6.8975e+01	4.5127e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-7.3744e+01	6.9819e+01	-2.1511e+01

	1614	0.0000e+00	0.0000e+00	0.0000e+00	-9.9926e+01	-3.4183e+01	-9.0177e+01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-2.1373e+02	1.0299e+02	-2.3543e+01
990	1604	0.0000e+00	0.0000e+00	0.0000e+00	-1.8738e+01	5.3264e+01	4.5901e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-8.4839e+00	6.0932e+01	-4.0672e+00
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-3.5679e+01	4.1206e+01	-1.1808e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	-9.1614e+01	6.4243e+01	3.8160e+01
991	1603	0.0000e+00	0.0000e+00	0.0000e+00	1.0650e+01	3.9465e+01	1.2591e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	2.2397e+01	5.1325e+01	-2.9324e+00
	1612	0.0000e+00	0.0000e+00	0.0000e+00	9.3545e+00	4.8819e+01	6.2861e+00
	1604	0.0000e+00	0.0000e+00	0.0000e+00	-8.4595e+00	4.2383e+01	2.1809e+01
992	1602	0.0000e+00	0.0000e+00	0.0000e+00	-8.4205e+00	4.3685e+01	-1.8415e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	1.0197e+01	4.9606e+01	-3.2296e+00
	1611	0.0000e+00	0.0000e+00	0.0000e+00	2.2510e+01	5.1566e+01	5.8045e+00
	1603	0.0000e+00	0.0000e+00	0.0000e+00	1.0761e+01	3.9558e+01	-9.3829e+00
993	1601	0.0000e+00	0.0000e+00	0.0000e+00	-9.1482e+01	6.6842e+01	-3.4293e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-3.4123e+01	4.3113e+01	1.5476e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	-7.5203e+00	6.2218e+01	7.2732e+00
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-1.8517e+01	5.4773e+01	-4.2495e+01
994	1600	0.0000e+00	0.0000e+00	0.0000e+00	-2.1359e+02	1.0644e+02	2.8005e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-9.7670e+01	-3.1361e+01	9.4446e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	-7.1942e+01	7.2153e+01	2.5255e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-1.0548e+02	7.1729e+01	-4.1193e+01
995	1232	0.0000e+00	0.0000e+00	0.0000e+00	-2.6668e+02	-2.4660e+02	3.9992e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-4.2969e+01	-1.6898e+02	2.1981e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	-5.1940e+01	-9.7145e+01	6.2175e+01
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-2.9396e+02	-9.9332e+01	8.0187e+01
996	868	0.0000e+00	0.0000e+00	0.0000e+00	-1.4616e+02	4.1738e+02	6.5103e+02
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-6.4744e+02	5.7330e+01	6.8761e+01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-1.8451e+01	-4.3303e+02	-1.4970e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	-1.9487e+03	-3.5938e+02	4.3257e+02
997	867	0.0000e+00	0.0000e+00	0.0000e+00	-1.0296e+01	4.9326e+01	1.9175e+02
	1605	0.0000e+00	0.0000e+00	0.0000e+00	-1.2585e+02	1.1935e+02	4.9270e+01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-4.1943e+02	6.3781e+01	1.3863e+02
	868	0.0000e+00	0.0000e+00	0.0000e+00	4.9284e+00	-4.3594e+01	2.8110e+02
998	866	0.0000e+00	0.0000e+00	0.0000e+00	4.4806e+01	6.9599e+00	8.6097e+01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	-8.1474e+00	4.2313e+01	4.2770e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	-7.2341e+01	5.8453e+01	1.0115e+02
	867	0.0000e+00	0.0000e+00	0.0000e+00	2.2605e+01	-2.2076e+01	1.4448e+02
999	865	0.0000e+00	0.0000e+00	0.0000e+00	5.6423e+01	-1.1231e+01	1.1954e+01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	2.3649e+01	2.7990e+01	2.1212e+00
	1604	0.0000e+00	0.0000e+00	0.0000e+00	5.9199e+00	3.4177e+01	4.7556e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	5.5232e+01	-1.6877e+01	5.7389e+01
1000	864	0.0000e+00	0.0000e+00	0.0000e+00	5.4658e+01	-1.5426e+01	-5.4304e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	5.8174e+00	3.5320e+01	-4.4142e+01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	2.3629e+01	2.8301e+01	1.1903e+00
	865	0.0000e+00	0.0000e+00	0.0000e+00	5.6409e+01	-1.1001e+01	-8.9801e+00
1001	863	0.0000e+00	0.0000e+00	0.0000e+00	2.1363e+01	-1.9074e+01	-1.4106e+02
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-7.2736e+01	6.0934e+01	-9.7323e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-8.3112e+00	4.4080e+01	-3.9266e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	4.4179e+01	8.8407e+00	-8.3004e+01
1002	862	0.0000e+00	0.0000e+00	0.0000e+00	-6.3965e+00	-3.9492e+01	-2.7707e+02
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-4.1995e+02	6.7089e+01	-1.3409e+02
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-1.2637e+02	1.2239e+02	-4.5344e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.1466e+01	5.2763e+01	-1.8832e+02
1003	16	0.0000e+00	0.0000e+00	0.0000e+00	-1.9493e+03	-3.5580e+02	-4.2741e+02
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-2.0983e+01	-4.3012e+02	1.5488e+02
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-6.4813e+02	6.1400e+01	-6.4021e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-1.4860e+02	4.2165e+02	-6.4631e+02
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	7.4098e+02	-1.9249e+01	1.3311e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	6.1829e+02	-1.8422e+02	2.6628e+02
	31	0.0000e+00	0.0000e+00	0.0000e+00	1.3439e+03	7.2157e+01	1.5630e+02
	1427	0.0000e+00	0.0000e+00	0.0000e+00	4.8145e+02	1.4551e+02	-9.6700e+01
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	5.2600e+02	-9.3326e+01	3.2008e+00

	1598	0.0000e+00	0.0000e+00	0.0000e+00	4.3550e+02	-3.0966e+01	1.2490e+02
	1599	0.0000e+00	0.0000e+00	0.0000e+00	5.3350e+02	-3.7865e+01	1.4731e+02
	1593	0.0000e+00	0.0000e+00	0.0000e+00	6.5223e+02	-2.3941e+01	2.5597e+01
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	4.3957e+02	-6.0582e+01	7.2096e-01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	3.6461e+02	-8.6189e+00	4.8121e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	4.0318e+02	-2.9898e+01	8.2965e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	4.8850e+02	-5.3437e+01	3.5469e+01
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	4.3117e+02	-5.1403e+01	-1.9011e+01
	1596	0.0000e+00	0.0000e+00	0.0000e+00	3.5503e+02	-1.2375e+01	-1.9070e+01
	1597	0.0000e+00	0.0000e+00	0.0000e+00	3.5491e+02	-1.3669e+01	1.6346e+01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	4.3118e+02	-5.1523e+01	1.6405e+01
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	4.8884e+02	-5.2871e+01	-3.8145e+01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	4.0352e+02	-2.8146e+01	-8.5752e+01
	1596	0.0000e+00	0.0000e+00	0.0000e+00	3.6473e+02	-9.3780e+00	-5.0850e+01
	1590	0.0000e+00	0.0000e+00	0.0000e+00	4.3993e+02	-6.0243e+01	-3.2535e+00
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	6.5289e+02	-2.2988e+01	-2.8428e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	5.3401e+02	-3.5774e+01	-1.5023e+02
	1595	0.0000e+00	0.0000e+00	0.0000e+00	4.3584e+02	-3.1117e+01	-1.2770e+02
	1589	0.0000e+00	0.0000e+00	0.0000e+00	5.2668e+02	-9.2538e+01	-5.8937e+00
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	4.8272e+02	1.4686e+02	9.3637e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	1.3442e+03	7.4562e+01	-1.5941e+02
	1594	0.0000e+00	0.0000e+00	0.0000e+00	6.1878e+02	-1.8365e+02	-2.6919e+02
	1588	0.0000e+00	0.0000e+00	0.0000e+00	7.4196e+02	-1.8174e+01	-1.6150e+01
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	4.2195e+02	2.7020e+01	-5.1472e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	5.7271e+02	4.8642e+01	-5.4940e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	5.6802e+02	6.9357e+01	-3.9817e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	4.2025e+02	5.8117e+01	-3.6352e+01
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	4.3575e+02	-4.1694e+01	-3.5547e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	4.9362e+02	-4.7954e+01	-7.6287e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	5.3804e+02	-6.2212e+01	-4.0196e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	4.4278e+02	2.6392e+00	-6.8119e+01
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	4.1575e+02	-4.9071e+01	-1.6569e+01
	1591	0.0000e+00	0.0000e+00	0.0000e+00	4.4494e+02	-5.5092e+01	8.3445e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	4.8161e+02	-6.3600e+01	-7.4901e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	4.2496e+02	-3.5267e+01	-3.2390e+01
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	4.1059e+02	-4.5230e+01	3.4870e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	4.4029e+02	-5.4925e+01	3.3282e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	4.4017e+02	-5.5026e+01	-5.6144e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	4.1042e+02	-4.5372e+01	-5.4522e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	4.2562e+02	-3.4773e+01	3.0331e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	4.8216e+02	-6.3065e+01	5.1319e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	4.4524e+02	-5.4761e+01	-1.0666e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	4.1606e+02	-4.8853e+01	1.4578e+01
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	4.4394e+02	3.4655e+00	6.5902e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	5.3903e+02	-6.1263e+01	3.7639e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	4.9435e+02	-4.7223e+01	5.2279e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	4.3655e+02	-4.1129e+01	3.3462e+01
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	4.2197e+02	5.9291e+01	3.3930e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	5.6944e+02	7.0698e+01	3.7043e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	5.7387e+02	4.9729e+01	5.2335e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	4.2327e+02	2.7917e+01	4.9218e+01
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	2.8377e+02	2.5293e+00	-4.3261e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	3.9928e+02	1.1433e+01	-5.0362e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	3.8580e+02	3.4630e+01	-3.1869e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	2.8417e+02	3.7672e+00	-2.4772e+01
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	2.8969e+02	-8.3723e+00	-4.6074e+01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	3.9415e+02	-2.9975e+01	-4.6290e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	3.8959e+02	-7.6302e+00	-5.7127e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	2.9386e+02	-5.7105e+00	-5.6911e+01
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	2.8995e+02	-1.1461e+01	-2.1836e+01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	3.7819e+02	-4.0023e+01	-1.5416e+01
	1586	0.0000e+00	0.0000e+00	0.0000e+00	3.8632e+02	-3.8758e+01	-4.1869e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	2.9365e+02	-9.8853e+00	-4.8290e+01

1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.9047e+02	-1.0496e+01	1.3985e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	3.7538e+02	-4.2408e+01	1.3804e+01
	1585	0.0000e+00	0.0000e+00	0.0000e+00	3.7522e+02	-4.2562e+01	-1.5613e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	2.9030e+02	-1.0613e+01	-1.5431e+01
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.9433e+02	-9.4987e+00	4.6780e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	3.8699e+02	-3.8275e+01	3.9993e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	3.7854e+02	-3.9842e+01	1.3595e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.9028e+02	-1.1304e+01	2.0379e+01
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.9506e+02	-5.0917e+00	5.5274e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	3.9081e+02	-6.8773e+00	5.5109e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	3.9502e+02	-2.9470e+01	4.4373e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.9054e+02	-7.9557e+00	4.4537e+01
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	2.8593e+02	4.7011e+00	2.2942e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	3.8754e+02	3.5755e+01	2.9648e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	4.0068e+02	1.2274e+01	4.8290e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.8514e+02	3.2269e+00	4.1581e+01
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.4114e+02	-3.0168e+01	-4.7243e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	2.5687e+02	-1.7345e+01	-4.4127e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	2.5111e+02	-1.5077e+01	-2.2072e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	1.5263e+02	-5.0103e+01	-2.5188e+01
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.3501e+02	8.8072e+00	-5.4490e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	2.4994e+02	-1.3039e+01	-4.8189e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	2.4754e+02	-1.2978e+01	-5.5215e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.4902e+02	-1.9523e+01	-6.1516e+01
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	1.3696e+02	2.9031e+01	-2.3900e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	2.4176e+02	-6.2677e+00	-2.1271e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	2.4241e+02	-9.6474e+00	-5.0063e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	1.4116e+02	1.7593e+01	-5.2692e+01
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.3926e+02	3.2706e+01	1.7093e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.3957e+02	-5.3939e+00	1.6917e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	2.3940e+02	-5.4984e+00	-1.8180e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	1.3910e+02	3.2610e+01	-1.8003e+01
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.4178e+02	1.7895e+01	5.1729e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.4309e+02	-9.2968e+00	4.8745e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.4211e+02	-6.1222e+00	1.9997e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.3726e+02	2.9139e+01	2.2980e+01
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.5012e+02	-1.9020e+01	6.0441e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.4874e+02	-1.2388e+01	5.3777e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.5080e+02	-1.2648e+01	4.6835e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	1.3578e+02	9.1247e+00	5.3498e+01
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.5422e+02	-4.9389e+01	2.3944e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	2.5285e+02	-1.4247e+01	2.0452e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.5825e+02	-1.6711e+01	4.2632e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.4238e+02	-2.9655e+01	4.6123e+01
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	-2.6557e+01	-6.9965e+01	-6.8954e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	1.1598e+02	-5.3620e+01	-5.2956e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	1.1919e+02	-7.3237e+01	-1.9669e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	3.8028e+00	-1.2918e+02	-3.5664e+01
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	-2.4406e+01	3.8032e+01	-6.1248e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	9.1854e+01	6.4658e+00	-5.0401e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	9.7216e+01	-2.7479e+01	-6.7620e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-1.0239e+01	-2.1671e+01	-7.8467e+01
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	3.7360e+00	6.5427e+01	-1.4823e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	8.5976e+01	3.7135e+01	-2.2598e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	8.7523e+01	1.7103e+01	-5.4809e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-1.5394e+01	5.8750e+01	-4.7032e+01
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	5.8251e+00	7.1948e+01	1.5290e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	8.7132e+01	3.8269e+01	1.5138e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	8.6983e+01	3.8197e+01	-1.5885e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	5.7161e+00	7.1874e+01	-1.5732e+01
1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	-1.4899e+01	5.8965e+01	4.6543e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	8.8127e+01	1.7358e+01	5.4012e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	8.6282e+01	3.7244e+01	2.1839e+01



	1566	0.0000e+00	0.0000e+00	0.0000e+00	3.8204e+00	6.5495e+01	1.4370e+01
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	-9.4253e+00	-2.1314e+01	7.7875e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	9.8282e+01	-2.7044e+01	6.6716e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	9.2617e+01	6.7634e+00	4.9571e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-2.3783e+01	3.8242e+01	6.0730e+01
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	4.0827e+00	-1.2865e+02	3.4920e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.2072e+02	-7.2615e+01	1.8606e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.1720e+02	-5.3141e+01	5.1998e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-2.5546e+01	-6.9608e+01	6.8312e+01
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	-2.9144e+02	-1.5449e+02	-9.0609e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-4.0337e+01	-9.7559e+01	-7.9328e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-4.0667e+01	-1.7234e+02	-3.0795e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-2.7033e+02	-2.2079e+02	-4.2076e+01
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.3261e+02	7.4716e+01	1.1546e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-8.2791e+01	6.8277e+01	-3.7690e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-9.2153e+01	-3.3627e+01	-1.0624e+02
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-2.1390e+02	1.0880e+02	-5.7025e+01
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	-5.6168e+01	7.4893e+01	2.6915e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-4.0780e+01	7.9569e+01	-1.5448e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-5.4772e+01	5.2110e+01	-3.0165e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.2011e+02	8.8742e+01	1.2205e+01
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	-4.9008e+01	7.3095e+01	-3.2909e-01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-3.0195e+01	7.3686e+01	-4.4673e-01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-3.0312e+01	7.3643e+01	-2.7506e-01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-4.9104e+01	7.3039e+01	-3.3234e-01
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.1973e+02	8.8885e+01	-1.2306e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-5.4287e+01	5.2273e+01	2.9814e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	-4.0538e+01	7.9646e+01	1.5125e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-5.5989e+01	7.4929e+01	-2.6994e+01
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	-2.1320e+02	1.0902e+02	5.6825e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-9.1294e+01	-3.3341e+01	1.0579e+02
	1565	0.0000e+00	0.0000e+00	0.0000e+00	-8.2173e+01	6.8468e+01	3.7304e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.3215e+02	7.4832e+01	-1.1664e+01
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	-2.6936e+02	-2.2043e+02	4.1710e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-3.9443e+01	-1.7191e+02	3.0193e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	-3.9355e+01	-9.7234e+01	7.8825e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-2.9066e+02	-1.5431e+02	9.0342e+01
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	-1.6620e+02	4.8348e+02	6.5148e+02
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-7.0353e+02	3.4212e+00	5.7468e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	4.4940e+01	-4.0302e+02	-1.5471e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	-2.0087e+03	-4.2251e+02	4.3931e+02
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	-2.9571e+01	6.3576e+01	1.8311e+02
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.7034e+02	1.5379e+02	2.4150e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-4.9111e+02	4.4260e+01	1.0974e+02
	1077	0.0000e+00	0.0000e+00	0.0000e+00	4.0371e+00	-5.1389e+01	2.6870e+02
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	3.6006e+01	2.2110e+01	6.9469e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-4.4109e+01	6.9745e+01	1.8187e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	-1.0427e+02	7.6384e+01	8.4932e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	4.6269e+00	-2.0915e+01	1.3622e+02
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	4.5593e+01	-3.5306e+00	-3.0350e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-3.1398e+01	6.2553e+01	-3.0424e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	-3.1478e+01	6.2533e+01	3.0441e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	4.5538e+01	-3.5708e+00	3.0515e+01
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	4.7377e+00	-2.0824e+01	-1.3607e+02
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.0394e+02	7.6473e+01	-8.4939e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-4.3945e+01	6.9800e+01	-1.8176e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	3.6108e+01	2.2127e+01	-6.9311e+01
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	3.9946e+00	-5.1275e+01	-2.6861e+02
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-4.9049e+02	4.4393e+01	-1.0981e+02
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.6993e+02	1.5390e+02	-2.4187e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-2.9324e+01	6.3640e+01	-1.8299e+02
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	-2.0080e+03	-4.2263e+02	-4.3938e+02
	1307	0.0000e+00	0.0000e+00	0.0000e+00	4.5878e+01	-4.0276e+02	1.5437e+02

	1558	0.0000e+00	0.0000e+00	0.0000e+00	-7.0277e+02	3.5576e+00	-5.7612e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-1.6581e+02	4.8356e+02	-6.5137e+02
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	7.4196e+02	-1.8173e+01	1.6154e+01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	6.1879e+02	-1.8365e+02	2.6919e+02
	26	0.0000e+00	0.0000e+00	0.0000e+00	1.3442e+03	7.4572e+01	1.5943e+02
	1277	0.0000e+00	0.0000e+00	0.0000e+00	4.8271e+02	1.4686e+02	-9.3618e+01
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	5.2668e+02	-9.2530e+01	5.9155e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	4.3585e+02	-3.1084e+01	1.2770e+02
	1557	0.0000e+00	0.0000e+00	0.0000e+00	5.3402e+02	-3.5733e+01	1.5024e+02
	1551	0.0000e+00	0.0000e+00	0.0000e+00	6.5289e+02	-2.2990e+01	2.8436e+01
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	4.3993e+02	-6.0240e+01	3.3057e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	3.6473e+02	-9.2972e+00	5.0854e+01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	4.0353e+02	-2.8131e+01	8.5755e+01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	4.8884e+02	-5.2866e+01	3.8151e+01
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	4.3118e+02	-5.1525e+01	-1.6418e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	3.5491e+02	-1.3687e+01	-1.6358e+01
	1555	0.0000e+00	0.0000e+00	0.0000e+00	3.5503e+02	-1.2360e+01	1.9082e+01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	4.3117e+02	-5.1402e+01	1.9023e+01
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	4.8850e+02	-5.3450e+01	-3.5476e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	4.0317e+02	-2.9970e+01	-8.2967e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	3.6461e+02	-8.5506e+00	-4.8126e+01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	4.3957e+02	-6.0587e+01	-1.0425e+00
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	6.5223e+02	-2.3995e+01	-2.5609e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	5.3349e+02	-3.7983e+01	-1.4731e+02
	1553	0.0000e+00	0.0000e+00	0.0000e+00	4.3550e+02	-3.0927e+01	-1.2490e+02
	1547	0.0000e+00	0.0000e+00	0.0000e+00	5.2599e+02	-9.3341e+01	-3.3174e+00
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	4.8146e+02	1.4553e+02	9.6727e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	1.3439e+03	7.2180e+01	-1.5628e+02
	1552	0.0000e+00	0.0000e+00	0.0000e+00	6.1828e+02	-1.8420e+02	-2.6628e+02
	1546	0.0000e+00	0.0000e+00	0.0000e+00	7.4098e+02	-1.9346e+01	-1.3364e+01
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.2327e+02	2.7925e+01	-4.9217e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	5.7387e+02	4.9743e+01	-5.2330e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	5.6944e+02	7.0693e+01	-3.7032e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.2197e+02	5.9286e+01	-3.3923e+01
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.3654e+02	-4.1125e+01	-3.3466e+01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	4.9435e+02	-4.7217e+01	-5.2693e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	5.3902e+02	-6.1259e+01	-3.7641e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.4393e+02	3.5165e+00	-6.5901e+01
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.1605e+02	-4.8851e+01	-1.4589e+01
	1549	0.0000e+00	0.0000e+00	0.0000e+00	4.4524e+02	-5.4757e+01	1.0684e+01
	1550	0.0000e+00	0.0000e+00	0.0000e+00	4.8216e+02	-6.3060e+01	-5.1794e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	4.2561e+02	-3.4770e+01	-3.0337e+01
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.1042e+02	-4.5376e+01	5.4768e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	4.4017e+02	-5.5026e+01	5.6411e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	4.4029e+02	-5.4924e+01	-3.3981e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	4.1059e+02	-4.5229e+01	-3.5447e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.2496e+02	-3.5281e+01	3.2393e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	4.8161e+02	-6.3608e+01	7.5011e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	4.4494e+02	-5.5098e+01	-8.3680e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	4.1575e+02	-4.9077e+01	1.6579e+01
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.4278e+02	2.9040e+00	6.8125e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	5.3804e+02	-6.2232e+01	4.0201e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	4.9362e+02	-4.7976e+01	7.6430e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	4.3575e+02	-4.1710e+01	3.5552e+01
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.2024e+02	5.8144e+01	3.6380e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	5.6802e+02	6.9391e+01	3.9845e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	5.7271e+02	4.8661e+01	5.4952e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	4.2195e+02	2.7052e+01	5.1481e+01
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.8514e+02	3.2465e+00	-4.1583e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	4.0068e+02	1.2285e+01	-4.8287e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	3.8754e+02	3.5750e+01	-2.9644e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.8593e+02	4.6967e+00	-2.2941e+01
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.9053e+02	-7.9615e+00	-4.4538e+01

	1544	0.0000e+00	0.0000e+00	0.0000e+00	3.9501e+02	-2.9468e+01	-4.4374e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	3.9080e+02	-6.8910e+00	-5.5109e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.9505e+02	-5.1021e+00	-5.5274e+01
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.9027e+02	-1.1307e+01	-2.0382e+01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	3.7853e+02	-3.9840e+01	-1.3606e+01
	1544	0.0000e+00	0.0000e+00	0.0000e+00	3.8699e+02	-3.8271e+01	-3.9996e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.9432e+02	-9.5015e+00	-4.6780e+01
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.9029e+02	-1.0622e+01	1.5441e+01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	3.7522e+02	-4.2565e+01	1.5623e+01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	3.7538e+02	-4.2407e+01	-1.3815e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.9046e+02	-1.0500e+01	-1.3991e+01
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.9364e+02	-9.9109e+00	4.8295e+01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	3.8631e+02	-3.8770e+01	4.1873e+01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	3.7818e+02	-4.0028e+01	1.5426e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.8994e+02	-1.1473e+01	2.1846e+01
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.9385e+02	-5.7899e+00	5.6917e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	3.8959e+02	-7.7184e+00	5.7133e+01
	1541	0.0000e+00	0.0000e+00	0.0000e+00	3.9415e+02	-2.9992e+01	4.6295e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.8969e+02	-8.4097e+00	4.6079e+01
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	2.8416e+02	3.9492e+00	2.4797e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	3.8578e+02	3.4666e+01	3.1894e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	3.9927e+02	1.1497e+01	5.0373e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.8376e+02	2.7271e+00	4.3269e+01
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.4237e+02	-2.9649e+01	-4.6130e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.5825e+02	-1.6712e+01	-4.2633e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.5285e+02	-1.4251e+01	-2.0454e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.5422e+02	-4.9394e+01	-2.3952e+01
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.3577e+02	9.1401e+00	-5.3497e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.5079e+02	-1.2646e+01	-4.6834e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	2.4874e+02	-1.2387e+01	-5.3779e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.5011e+02	-1.9012e+01	-6.0444e+01
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.3725e+02	2.9146e+01	-2.2976e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.4210e+02	-6.1269e+00	-1.9998e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	2.4308e+02	-9.2976e+00	-4.8745e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	1.4177e+02	1.7908e+01	-5.1726e+01
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.3909e+02	3.2608e+01	1.8015e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.3940e+02	-5.5112e+00	1.8190e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	2.3956e+02	-5.4007e+00	-1.6919e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	1.3925e+02	3.2710e+01	-1.7090e+01
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.4115e+02	1.7588e+01	5.2699e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.4240e+02	-9.6711e+00	5.0068e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	2.4176e+02	-6.2841e+00	2.1280e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.3695e+02	2.9027e+01	2.3911e+01
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.4901e+02	-1.9545e+01	6.1518e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.4753e+02	-1.3012e+01	5.5219e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.4994e+02	-1.3062e+01	4.8195e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	1.3500e+02	8.8124e+00	5.4494e+01
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.5260e+02	-5.0106e+01	2.5197e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	2.5110e+02	-1.5111e+01	2.2093e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.5685e+02	-1.7372e+01	4.4134e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.4112e+02	-3.0184e+01	4.7243e+01
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	-2.5523e+01	-6.9588e+01	-6.8328e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	1.1719e+02	-5.3133e+01	-5.2004e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.2071e+02	-7.2618e+01	-1.8619e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	3.8921e+00	-1.2865e+02	-3.4942e+01
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	-2.3751e+01	3.8263e+01	-6.0727e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	9.2596e+01	6.7815e+00	-4.9569e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	9.8264e+01	-2.7033e+01	-6.6723e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-9.3409e+00	-2.1289e+01	-7.7881e+01
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	3.5396e+00	6.5504e+01	-1.4360e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	8.6263e+01	3.7252e+01	-2.1834e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	8.8106e+01	1.7371e+01	-5.4009e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-1.4842e+01	5.8984e+01	-4.6536e+01

1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	5.5006e+00	7.1869e+01	1.5748e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	8.6967e+01	3.8194e+01	1.5899e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	8.7114e+01	3.8272e+01	-1.5133e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	5.6339e+00	7.1952e+01	-1.5280e+01
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	-1.5292e+01	5.8732e+01	4.7042e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	8.7507e+01	1.7096e+01	5.4815e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	8.5960e+01	3.7129e+01	2.2610e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	3.3750e+00	6.5418e+01	1.4840e+01
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	-1.0049e+01	-2.1702e+01	7.8464e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	9.7197e+01	-2.7498e+01	6.7617e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	9.1839e+01	6.4696e+00	5.0407e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-2.4336e+01	3.8013e+01	6.1254e+01
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	3.1718e+00	-1.2918e+02	3.5649e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.1916e+02	-7.3239e+01	1.9674e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.1596e+02	-5.3633e+01	5.2955e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-2.6476e+01	-6.9987e+01	6.8941e+01
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-2.9067e+02	-1.5424e+02	-9.0365e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-3.9352e+01	-9.7206e+01	-7.8832e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-3.9435e+01	-1.7190e+02	-3.0222e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-2.6935e+02	-2.2042e+02	-4.1755e+01
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.3214e+02	7.4867e+01	1.1679e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-8.2177e+01	6.8495e+01	-3.7298e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-9.1297e+01	-3.3313e+01	-1.0580e+02
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-2.1322e+02	1.0906e+02	-5.6822e+01
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	-5.5972e+01	7.4941e+01	2.7009e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-4.0517e+01	7.9656e+01	-1.5114e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-5.4279e+01	5.2294e+01	-2.9803e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.1972e+02	8.8907e+01	1.2318e+01
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-4.9085e+01	7.3034e+01	4.2466e-01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-3.0274e+01	7.3637e+01	4.2508e-01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-3.0163e+01	7.3692e+01	5.1012e-01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-4.8990e+01	7.3098e+01	3.8414e-01
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.2010e+02	8.8720e+01	-1.2198e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-5.4740e+01	5.2089e+01	3.0179e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	-4.0749e+01	7.9559e+01	1.5464e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-5.6152e+01	7.4881e+01	-2.6902e+01
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	-2.1387e+02	1.0876e+02	5.7030e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-9.2125e+01	-3.3658e+01	1.0624e+02
	1523	0.0000e+00	0.0000e+00	0.0000e+00	-8.2761e+01	6.8250e+01	3.7699e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.3261e+02	7.4681e+01	-1.1538e+01
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-2.7033e+02	-2.2080e+02	4.2035e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-4.0607e+01	-1.7235e+02	3.0773e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	-4.0275e+01	-9.7588e+01	7.9323e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-2.9143e+02	-1.5456e+02	9.0587e+01
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	-1.6574e+02	4.8359e+02	6.5140e+02
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-7.0279e+02	3.6446e+00	5.7603e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	4.5798e+01	-4.0273e+02	-1.5448e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	-2.0080e+03	-4.2231e+02	4.3931e+02
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	-2.9271e+01	6.3665e+01	1.8299e+02
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.6991e+02	1.5393e+02	2.4197e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-4.9048e+02	4.4454e+01	1.0982e+02
	1011	0.0000e+00	0.0000e+00	0.0000e+00	3.8256e+00	-5.1216e+01	2.6862e+02
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	3.6087e+01	2.2135e+01	6.9314e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-4.3921e+01	6.9807e+01	1.8188e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	-1.0392e+02	7.6499e+01	8.4951e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	4.5486e+00	-2.0801e+01	1.3608e+02
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	4.5505e+01	-3.5722e+00	-3.0511e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-3.1449e+01	6.2525e+01	-3.0431e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	-3.1368e+01	6.2560e+01	3.0435e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	4.5571e+01	-3.5228e+00	3.0354e+01
1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	4.3267e+00	-2.0938e+01	-1.3621e+02
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.0427e+02	7.6358e+01	-8.4920e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-4.4092e+01	6.9737e+01	-1.8178e+01

	1008	0.0000e+00	0.0000e+00	0.0000e+00	3.5961e+01	2.2101e+01	-6.9466e+01
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	3.7322e+00	-5.1447e+01	-2.6869e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-4.9112e+02	4.4199e+01	-1.0972e+02
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.7035e+02	1.5376e+02	-2.4142e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-2.9552e+01	6.3551e+01	-1.8311e+02
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-2.0087e+03	-4.2283e+02	-4.3938e+02
	1162	0.0000e+00	0.0000e+00	0.0000e+00	4.4961e+01	-4.0305e+02	1.5460e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-7.0351e+02	3.3418e+00	-5.7478e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-1.6626e+02	4.8345e+02	-6.5145e+02
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	2.4388e+02	8.4033e+00	5.6177e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	1.7804e+02	5.2266e+01	1.1413e+02
	33	0.0000e+00	0.0000e+00	0.0000e+00	3.5906e+02	-6.7716e+01	1.0118e+02
	1506	0.0000e+00	0.0000e+00	0.0000e+00	1.6970e+02	4.3529e+00	4.3236e+01
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	1.9786e+02	1.9758e+01	3.6372e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	1.4148e+02	1.0491e+02	6.8894e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	1.5221e+02	-3.5810e+01	8.3186e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	2.4708e+02	1.8367e+01	5.0652e+01
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	1.8312e+02	4.7372e+01	2.7601e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	1.3215e+02	1.1032e+02	3.8102e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	1.3230e+02	1.3895e+01	5.5817e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	2.0236e+02	3.8310e+01	4.5303e+01
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	1.8810e+02	5.8954e+01	1.1391e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	1.3840e+02	1.0191e+02	8.1588e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	1.3020e+02	5.3100e+01	2.7059e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	1.9020e+02	5.4551e+01	3.0364e+01
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	2.0804e+02	5.7964e+01	-8.8043e+00
	1511	0.0000e+00	0.0000e+00	0.0000e+00	1.5744e+02	8.3780e+01	-2.4125e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	1.4245e+02	7.8675e+01	-3.8197e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	1.9444e+02	5.9146e+01	1.2586e+01
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	2.4463e+02	4.5946e+01	-3.0671e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	1.9075e+02	5.7897e+01	-5.9862e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	1.6730e+02	9.0830e+01	-3.6602e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	2.1422e+02	5.2199e+01	-7.6497e+00
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	3.0492e+02	2.4696e+01	-5.3839e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	2.4429e+02	2.6076e+01	-1.0194e+02
	1510	0.0000e+00	0.0000e+00	0.0000e+00	2.0763e+02	8.9553e+01	-7.5666e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	2.5292e+02	3.3700e+01	-2.7600e+01
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	4.0567e+02	2.1500e+00	-7.3453e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	3.3313e+02	-9.8180e+00	-1.5302e+02
	1509	0.0000e+00	0.0000e+00	0.0000e+00	2.7150e+02	7.2688e+01	-1.2444e+02
	1499	0.0000e+00	0.0000e+00	0.0000e+00	3.2070e+02	2.6189e+00	-4.4897e+01
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	5.9897e+02	1.3321e+01	-6.3137e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	4.9054e+02	-2.9263e+01	-2.0730e+02
	1508	0.0000e+00	0.0000e+00	0.0000e+00	3.7746e+02	3.0221e+01	-1.8933e+02
	1498	0.0000e+00	0.0000e+00	0.0000e+00	4.4645e+02	-4.9792e+01	-4.5181e+01
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	4.4438e+02	1.7188e+02	6.1655e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	1.3274e+03	7.5845e+01	-2.0867e+02
	1507	0.0000e+00	0.0000e+00	0.0000e+00	5.8415e+02	-1.4225e+02	-3.2377e+02
	1497	0.0000e+00	0.0000e+00	0.0000e+00	6.8967e+02	1.1913e+01	-5.3472e+01
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.2193e+02	2.0425e+01	5.0257e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	2.3087e+02	-3.8915e+00	5.5007e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	3.2430e+02	6.8108e+00	5.4829e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	1.3730e+02	-1.6997e+01	5.0079e+01
1113	1494	0.0000e+00	0.0000e+00	0.0000e+00	2.1584e+02	2.3106e+01	3.4346e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	2.1517e+02	2.6934e+01	4.4285e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	2.2062e+02	1.2697e+01	4.4175e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.2872e+02	1.6745e+01	3.4235e+01
1114	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.1219e+02	3.9329e+01	3.1935e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	2.0507e+02	4.3731e+01	3.7050e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	2.1478e+02	3.8180e+01	4.1854e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	2.1191e+02	3.2120e+01	3.6737e+01
1115	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.1446e+02	4.6169e+01	2.4715e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	2.0871e+02	5.3883e+01	2.1560e+01

	1503	0.0000e+00	0.0000e+00	0.0000e+00	2.0630e+02	5.3454e+01	2.9929e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.1101e+02	4.2898e+01	3.3096e+01
1116	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.2718e+02	4.4231e+01	1.6897e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	2.2562e+02	5.2609e+01	4.7416e+00
	1502	0.0000e+00	0.0000e+00	0.0000e+00	2.1263e+02	5.6659e+01	1.3461e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.1680e+02	4.5032e+01	2.6039e+01
1117	1490	0.0000e+00	0.0000e+00	0.0000e+00	2.5238e+02	3.4335e+01	1.1175e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	2.5830e+02	4.0585e+01	-1.3328e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	2.3282e+02	4.8708e+01	-5.8595e+00
	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.3373e+02	3.8105e+01	1.8803e+01
1118	1489	0.0000e+00	0.0000e+00	0.0000e+00	2.9196e+02	1.9991e+01	1.1446e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	3.1152e+02	1.8559e+01	-2.6766e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	2.6977e+02	3.1003e+01	-2.3716e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	2.6412e+02	2.2942e+01	1.4419e+01
1119	1488	0.0000e+00	0.0000e+00	0.0000e+00	3.3985e+02	1.2222e+01	2.4161e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	3.9347e+02	-1.0764e+01	-2.7911e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	3.2804e+02	7.0323e+00	-3.7031e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	3.0985e+02	4.2528e+00	1.5074e+01
1120	1487	0.0000e+00	0.0000e+00	0.0000e+00	3.8118e+02	3.5851e+01	5.1008e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	4.7760e+02	-2.5859e+01	5.0474e+00
	1498	0.0000e+00	0.0000e+00	0.0000e+00	4.1342e+02	-5.8940e+00	-2.4989e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	3.5952e+02	-3.8751e+00	2.1882e+01
1121	1426	0.0000e+00	0.0000e+00	0.0000e+00	3.7507e+02	8.1721e+01	1.3482e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	5.2616e+02	9.5521e+01	4.3803e+00
	1497	0.0000e+00	0.0000e+00	0.0000e+00	5.1790e+02	7.8210e+01	2.1401e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	3.6628e+02	5.4850e+01	3.0597e+01
1122	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.7634e+02	1.7507e+01	5.3600e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.0343e+02	-7.8659e+00	5.1005e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	2.9999e+02	-9.7751e+00	5.0150e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	7.5111e+01	-3.3114e+01	5.2745e+01
1123	1484	0.0000e+00	0.0000e+00	0.0000e+00	1.7588e+02	2.4619e+01	3.3688e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	2.0783e+02	2.8521e+01	3.4261e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	1.9764e+02	9.6718e+00	3.4566e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.8713e+02	1.2899e+01	3.3994e+01
1124	1483	0.0000e+00	0.0000e+00	0.0000e+00	1.8040e+02	3.8326e+01	3.4706e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.0578e+02	3.8820e+01	3.4586e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	2.0873e+02	2.8500e+01	3.3531e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	1.7723e+02	3.1273e+01	3.3651e+01
1125	1482	0.0000e+00	0.0000e+00	0.0000e+00	1.8467e+02	4.3195e+01	3.3635e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.0990e+02	4.3489e+01	3.0457e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.0689e+02	4.0079e+01	3.0367e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	1.8180e+02	4.0551e+01	3.3546e+01
1126	1481	0.0000e+00	0.0000e+00	0.0000e+00	1.9165e+02	4.2819e+01	3.3911e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.2163e+02	3.9550e+01	2.6220e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.1233e+02	4.3689e+01	2.5443e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	1.8673e+02	4.2091e+01	3.3135e+01
1127	1480	0.0000e+00	0.0000e+00	0.0000e+00	2.0267e+02	3.7935e+01	3.8159e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	2.4282e+02	2.8121e+01	2.4890e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	2.2570e+02	3.9083e+01	2.0916e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	1.9524e+02	3.7923e+01	3.4173e+01
1128	1479	0.0000e+00	0.0000e+00	0.0000e+00	2.1841e+02	2.9584e+01	4.8373e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	2.7426e+02	1.1990e+01	2.9141e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	2.4929e+02	2.7663e+01	2.0231e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	2.0785e+02	2.9477e+01	3.9429e+01
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.3574e+02	2.0901e+01	6.0194e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	3.1169e+02	2.3148e+00	3.8620e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	2.8393e+02	1.3832e+01	2.7006e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	2.2369e+02	1.9692e+01	4.8551e+01
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.4723e+02	1.7647e+01	5.4437e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	3.3376e+02	2.1566e+01	4.3401e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	3.2414e+02	9.1800e+00	4.2168e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.3647e+02	1.5643e+01	5.3197e+01
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	2.4690e+02	2.0948e+01	1.3240e+01

	1426	0.0000e+00	0.0000e+00	0.0000e+00	3.4349e+02	5.5389e+01	1.1735e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	3.4680e+02	3.9177e+01	3.6155e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.4076e+02	2.0708e+01	3.7670e+01
1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.2026e+02	1.2210e+01	6.0710e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.5264e+02	-1.9424e+01	5.7272e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	2.6517e+02	-2.0677e+01	5.4076e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	5.4688e+00	-4.5219e+01	5.7515e+01
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.2081e+02	2.3501e+01	3.8661e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	1.6332e+02	2.6441e+01	3.6370e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.4768e+02	6.1510e+00	3.6651e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.3224e+02	8.4629e+00	3.8942e+01
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.2954e+02	3.8225e+01	4.0778e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	1.6631e+02	3.6550e+01	3.7115e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	1.6571e+02	2.7939e+01	3.5017e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.2339e+02	3.0821e+01	3.8680e+01
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.3434e+02	4.2651e+01	3.9299e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	1.7093e+02	4.0606e+01	3.6230e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	1.6792e+02	3.8105e+01	3.4390e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.3168e+02	4.0056e+01	3.7458e+01
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.3461e+02	4.4785e+01	3.8817e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	1.7602e+02	3.8560e+01	3.7088e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	1.7204e+02	4.1667e+01	3.3962e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.3539e+02	4.2234e+01	3.5691e+01
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.3008e+02	4.6082e+01	4.2871e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.8207e+02	3.2378e+01	4.2404e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	1.7637e+02	4.0477e+01	3.5258e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.3490e+02	4.2311e+01	3.5722e+01
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	1.2260e+02	4.3707e+01	5.4008e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	1.8999e+02	2.2805e+01	5.3595e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	1.8245e+02	3.5108e+01	4.1203e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.2936e+02	4.1133e+01	4.1611e+01
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	1.1847e+02	2.7968e+01	6.7089e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	1.9991e+02	1.2109e+01	6.3936e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	1.9268e+02	2.4882e+01	5.1957e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	1.1985e+02	3.4977e+01	5.5106e+01
1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	1.2404e+02	-9.4873e+00	6.2401e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.1060e+02	4.7995e+00	5.4562e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	2.0744e+02	1.0889e+01	5.8397e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	1.1273e+02	1.5977e+01	6.6233e+01
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	1.2858e+02	-4.0717e+01	1.8089e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	2.1940e+02	-3.1225e+00	1.2367e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	2.2031e+02	2.7074e+00	4.1041e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	1.1710e+02	-2.2335e+01	4.6771e+01
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	5.8072e+01	9.0366e+00	6.9574e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	9.2306e+01	-2.9499e+01	6.4874e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	2.2037e+02	-3.0465e+01	6.0645e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	-7.9086e+01	-5.9579e+01	6.5345e+01
1143	1464	0.0000e+00	0.0000e+00	0.0000e+00	6.6145e+01	2.2694e+01	4.9788e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.0600e+02	2.6409e+01	4.3328e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	8.6476e+01	1.9838e+00	4.1465e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	7.3794e+01	8.8261e+00	4.7925e+01
1144	1463	0.0000e+00	0.0000e+00	0.0000e+00	8.2080e+01	3.3963e+01	5.1170e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.1385e+02	3.6143e+01	4.2866e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	1.1104e+02	2.6814e+01	4.2291e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	6.9618e+01	3.0257e+01	5.0595e+01
1145	1462	0.0000e+00	0.0000e+00	0.0000e+00	8.8093e+01	3.5958e+01	4.2165e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.1980e+02	3.9368e+01	3.8677e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.1696e+02	3.6580e+01	4.1063e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	8.4521e+01	3.4818e+01	4.4551e+01
1146	1461	0.0000e+00	0.0000e+00	0.0000e+00	8.3170e+01	3.9634e+01	3.2153e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.1854e+02	3.9884e+01	3.5676e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.2013e+02	4.0641e+01	3.7794e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	8.8080e+01	3.6298e+01	3.4271e+01

1147	1460	0.0000e+00	0.0000e+00	0.0000e+00	6.5068e+01	4.7550e+01	2.5799e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.0912e+02	4.0126e+01	3.7587e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	1.1539e+02	4.3937e+01	3.5756e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	8.0515e+01	4.0506e+01	2.3971e+01
1148	1459	0.0000e+00	0.0000e+00	0.0000e+00	3.2602e+01	5.7508e+01	2.9017e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	9.2780e+01	3.6728e+01	4.8786e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	1.0245e+02	4.7101e+01	3.8855e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	5.9307e+01	4.7907e+01	1.9101e+01
1149	1458	0.0000e+00	0.0000e+00	0.0000e+00	-1.0364e+01	5.3139e+01	4.7361e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	7.9289e+01	1.9066e+01	6.8340e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	8.4803e+01	4.3025e+01	4.8671e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	2.3228e+01	5.1650e+01	2.7697e+01
1150	1457	0.0000e+00	0.0000e+00	0.0000e+00	-1.7356e+01	-2.0841e+01	7.2810e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	8.1171e+01	-2.2421e+01	6.8868e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	7.9316e+01	1.3568e+01	5.8769e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-2.2683e+01	3.3893e+01	6.2709e+01
1151	1393	0.0000e+00	0.0000e+00	0.0000e+00	-1.3201e+01	-1.2520e+02	2.7136e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	1.0037e+02	-6.6822e+01	1.3570e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	9.7893e+01	-4.5679e+01	5.0921e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	-3.5473e+01	-6.8379e+01	6.4492e+01
1152	1455	0.0000e+00	0.0000e+00	0.0000e+00	5.1421e+00	1.8509e+01	9.0793e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	2.6111e+01	-3.3862e+01	7.8115e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	1.7168e+02	-4.4449e+01	6.9070e+01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-1.6831e+02	-7.6963e+01	8.1747e+01
1153	1454	0.0000e+00	0.0000e+00	0.0000e+00	3.5848e+01	2.1028e+01	7.8791e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	5.0961e+01	3.1321e+01	5.7566e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	2.2433e+01	2.1575e+00	5.2461e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	2.5699e+01	2.1498e+01	7.3683e+01
1154	1453	0.0000e+00	0.0000e+00	0.0000e+00	5.7745e+01	2.0095e+01	6.6976e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	7.1371e+01	3.0990e+01	5.2597e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	6.3195e+01	2.5068e+01	5.9916e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	3.9563e+01	2.0144e+01	7.4296e+01
1155	1452	0.0000e+00	0.0000e+00	0.0000e+00	6.3940e+01	1.6716e+01	4.3230e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	8.0388e+01	3.0611e+01	3.9127e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	7.6478e+01	2.9258e+01	5.1336e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	6.0336e+01	1.6722e+01	5.5440e+01
1156	1451	0.0000e+00	0.0000e+00	0.0000e+00	5.7815e+01	1.8854e+01	1.8411e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	7.5142e+01	3.3103e+01	2.4292e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	8.0581e+01	3.1336e+01	3.7515e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	6.3273e+01	1.6906e+01	3.1619e+01
1157	1450	0.0000e+00	0.0000e+00	0.0000e+00	3.6232e+01	2.8264e+01	-7.0150e+00
	1460	0.0000e+00	0.0000e+00	0.0000e+00	5.4004e+01	4.0617e+01	1.1554e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	7.0322e+01	3.7545e+01	2.3732e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	5.3588e+01	2.3391e+01	5.6372e+00
1158	1449	0.0000e+00	0.0000e+00	0.0000e+00	-9.9423e+00	4.7695e+01	-2.8949e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	1.1993e+01	4.9501e+01	7.5613e+00
	1460	0.0000e+00	0.0000e+00	0.0000e+00	4.2205e+01	5.0607e+01	1.4333e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	2.7151e+01	3.7651e+01	-2.2169e+01
1159	1448	0.0000e+00	0.0000e+00	0.0000e+00	-1.0863e+02	7.8911e+01	-3.3949e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-4.2992e+01	4.2491e+01	2.8315e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	-1.1128e+01	6.5766e+01	1.4450e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-2.6113e+01	5.9515e+01	-4.7849e+01
1160	1447	0.0000e+00	0.0000e+00	0.0000e+00	-2.1653e+02	1.0863e+02	4.0941e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	-9.5953e+01	-3.4489e+01	1.0023e+02
	1458	0.0000e+00	0.0000e+00	0.0000e+00	-7.7142e+01	6.4201e+01	3.1077e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-1.2612e+02	7.1303e+01	-2.8233e+01
1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	-2.7883e+02	-2.1731e+02	3.0055e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-5.1109e+01	-1.6915e+02	2.2782e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	-4.6770e+01	-9.5787e+01	7.0708e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-2.9656e+02	-1.5169e+02	7.7982e+01
1162	782	0.0000e+00	0.0000e+00	0.0000e+00	6.3475e+01	7.6550e+01	1.9728e+02
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-6.0401e+01	-6.4178e+00	1.1833e+02
	1456	0.0000e+00	0.0000e+00	0.0000e+00	1.5031e+02	-6.2057e+01	7.3254e+01



	22	0.0000e+00	0.0000e+00	0.0000e+00	-2.9295e+02	-4.6343e+01	1.5219e+02
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	6.2297e+01	2.5962e+00	1.0676e+02
	1454	0.0000e+00	0.0000e+00	0.0000e+00	3.7559e+01	2.7491e+01	8.2418e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-3.0019e+01	1.3341e+01	1.0559e+02
	782	0.0000e+00	0.0000e+00	0.0000e+00	8.4137e+01	-1.0642e+01	1.2993e+02
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	6.7478e+01	-8.9526e+00	7.4708e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	6.1595e+01	1.0038e+01	6.6430e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	5.0893e+01	1.6365e+01	8.9346e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	6.3086e+01	-1.5262e+01	9.7623e+01
1165	779	0.0000e+00	0.0000e+00	0.0000e+00	6.6066e+01	-1.5422e+01	4.0667e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	6.7925e+01	7.3731e+00	3.9847e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	6.4663e+01	9.8654e+00	6.2179e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	6.7913e+01	-1.6560e+01	6.2993e+01
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	6.2988e+01	-1.6833e+01	7.1622e+00
	1451	0.0000e+00	0.0000e+00	0.0000e+00	6.2331e+01	1.0659e+01	1.0992e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	6.7799e+01	7.7232e+00	3.4173e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	6.4927e+01	-1.5842e+01	3.0196e+01
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	5.7243e+01	-1.5666e+01	-3.2733e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	4.3608e+01	2.1780e+01	-2.2360e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	5.9653e+01	1.1718e+01	5.6697e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	6.0313e+01	-1.1208e+01	-5.3857e+00
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	4.5470e+01	-1.3876e+01	-8.6001e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-3.3684e+00	4.2323e+01	-6.2027e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	3.6268e+01	2.5137e+01	-2.4582e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	5.1376e+01	1.1478e+00	-4.8540e+01
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	-6.8385e+00	-2.0126e+01	-1.6934e+02
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-9.9228e+01	7.1478e+01	-1.0788e+02
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-2.2209e+01	5.2826e+01	-5.4223e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	3.0170e+01	2.7895e+01	-1.1567e+02
1170	774	0.0000e+00	0.0000e+00	0.0000e+00	-1.1098e+01	-4.5097e+01	-2.8982e+02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-4.9747e+02	4.7282e+01	-1.2647e+02
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-1.6807e+02	1.4990e+02	-4.8046e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-3.9393e+01	7.1956e+01	-2.1139e+02
1171	21	0.0000e+00	0.0000e+00	0.0000e+00	-2.0232e+03	-4.1197e+02	-4.5315e+02
	1382	0.0000e+00	0.0000e+00	0.0000e+00	3.5198e+01	-3.9779e+02	1.4396e+02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-7.1157e+02	7.0698e+00	-7.3963e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-1.7662e+02	4.9427e+02	-6.7107e+02
1172	1436	0.0000e+00	0.0000e+00	0.0000e+00	6.7161e+02	-2.0334e+01	4.7549e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	5.6226e+02	-1.3547e+02	3.1163e+02
	32	0.0000e+00	0.0000e+00	0.0000e+00	1.3170e+03	6.2041e+01	1.9351e+02
	1437	0.0000e+00	0.0000e+00	0.0000e+00	4.5205e+02	1.7844e+02	-7.0575e+01
1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	4.2860e+02	-5.4725e+01	3.9197e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	3.6606e+02	1.9514e+01	1.6609e+02
	1446	0.0000e+00	0.0000e+00	0.0000e+00	4.7836e+02	-3.1159e+01	1.9100e+02
	1436	0.0000e+00	0.0000e+00	0.0000e+00	5.7343e+02	-6.1928e+00	6.4102e+01
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	3.2092e+02	-1.0138e+01	3.2599e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	2.7316e+02	5.3228e+01	9.4497e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	3.2542e+02	-1.0147e+01	1.2711e+02
	1435	0.0000e+00	0.0000e+00	0.0000e+00	3.9409e+02	-1.0472e+01	6.5211e+01
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	2.7276e+02	1.3642e+01	9.3670e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	2.2771e+02	6.3018e+01	3.9442e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	2.5155e+02	2.0443e+01	7.0087e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	3.0989e+02	9.3070e+00	3.9999e+01
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	2.5906e+02	2.3516e+01	-1.7221e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	2.1163e+02	5.8471e+01	-8.8575e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	2.1836e+02	4.4408e+01	2.0338e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	2.6931e+02	2.1869e+01	1.1971e+01
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	2.7365e+02	2.0814e+01	-4.5067e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	2.2011e+02	4.2258e+01	-5.6020e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	2.1216e+02	5.9560e+01	-2.6650e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	2.5940e+02	2.3137e+01	-1.5704e+01
1178	1430	0.0000e+00	0.0000e+00	0.0000e+00	3.1938e+02	6.4538e+00	-7.3622e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	2.5579e+02	1.5541e+01	-1.0662e+02

	1441	0.0000e+00	0.0000e+00	0.0000e+00	2.3064e+02	6.4024e+01	-7.5336e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	2.7765e+02	1.1714e+01	-4.2336e+01
1179	1429	0.0000e+00	0.0000e+00	0.0000e+00	4.0961e+02	-1.6679e+01	-9.9655e+01
	1439	0.0000e+00	0.0000e+00	0.0000e+00	3.3270e+02	-1.9090e+01	-1.6518e+02
	1440	0.0000e+00	0.0000e+00	0.0000e+00	2.7892e+02	5.4484e+01	-1.3147e+02
	1430	0.0000e+00	0.0000e+00	0.0000e+00	3.3060e+02	-1.4691e+01	-6.5946e+01
1180	1428	0.0000e+00	0.0000e+00	0.0000e+00	5.9619e+02	-1.7000e+01	-9.9867e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	4.8967e+02	-4.8075e+01	-2.3147e+02
	1439	0.0000e+00	0.0000e+00	0.0000e+00	3.7548e+02	2.0812e+01	-2.0485e+02
	1429	0.0000e+00	0.0000e+00	0.0000e+00	4.4368e+02	-6.3059e+01	-7.3246e+01
1181	1427	0.0000e+00	0.0000e+00	0.0000e+00	4.8928e+02	1.5689e+02	3.1963e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	1.3279e+03	3.1541e+01	-2.3835e+02
	1438	0.0000e+00	0.0000e+00	0.0000e+00	5.7654e+02	-1.3430e+02	-3.5252e+02
	1428	0.0000e+00	0.0000e+00	0.0000e+00	6.9291e+02	-3.5398e+01	-8.2233e+01
1182	1425	0.0000e+00	0.0000e+00	0.0000e+00	3.7404e+02	4.5002e+01	-2.6876e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	5.2001e+02	4.5485e+01	-2.3383e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	5.2646e+02	1.0291e+02	-1.0499e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	3.7467e+02	7.7880e+01	-1.4003e+01
1183	1424	0.0000e+00	0.0000e+00	0.0000e+00	3.6313e+02	-2.1783e+01	-1.8973e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	4.0847e+02	-2.4226e+01	2.7999e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	4.7953e+02	-3.3009e+01	-2.0404e+00
	1425	0.0000e+00	0.0000e+00	0.0000e+00	3.8719e+02	2.3663e+01	-4.8778e+01
1184	1423	0.0000e+00	0.0000e+00	0.0000e+00	3.1415e+02	-1.2941e+01	-1.1760e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	3.3044e+02	-1.0750e+01	3.1536e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	3.9110e+02	-1.8045e+01	2.5232e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	3.4113e+02	-3.5200e+00	-1.8071e+01
1185	1422	0.0000e+00	0.0000e+00	0.0000e+00	2.7988e+02	1.9560e+00	-1.1486e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	2.8733e+02	8.5687e+00	1.2958e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	3.1795e+02	3.8977e+00	1.7878e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	2.9870e+02	1.3063e+00	-6.6004e+00
1186	1421	0.0000e+00	0.0000e+00	0.0000e+00	2.6833e+02	9.0167e+00	-1.5697e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	2.7344e+02	1.8065e+01	-9.2761e+00
	1433	0.0000e+00	0.0000e+00	0.0000e+00	2.8169e+02	1.6210e+01	-9.5004e-01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	2.7312e+02	8.3187e+00	-7.0896e+00
1187	1420	0.0000e+00	0.0000e+00	0.0000e+00	2.7858e+02	7.2981e+00	-2.0702e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	2.8638e+02	1.5831e+01	-3.1290e+01
	1432	0.0000e+00	0.0000e+00	0.0000e+00	2.7425e+02	1.7055e+01	-2.2530e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	2.6925e+02	8.4586e+00	-1.1947e+01
1188	1419	0.0000e+00	0.0000e+00	0.0000e+00	3.1081e+02	-2.7415e+00	-2.1460e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	3.2850e+02	2.4733e+00	-5.0260e+01
	1431	0.0000e+00	0.0000e+00	0.0000e+00	2.9367e+02	6.0917e+00	-4.4980e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	2.8724e+02	2.1661e+00	-1.6176e+01
1189	1418	0.0000e+00	0.0000e+00	0.0000e+00	3.6064e+02	-9.9938e+00	-1.0226e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	4.0829e+02	-2.3316e+01	-5.8418e+01
	1430	0.0000e+00	0.0000e+00	0.0000e+00	3.4271e+02	-1.6079e+01	-6.4223e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	3.2835e+02	-1.7898e+01	-1.5963e+01
1190	1417	0.0000e+00	0.0000e+00	0.0000e+00	4.1561e+02	1.1781e+01	2.0976e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	5.0526e+02	-4.3047e+01	-3.2497e+01
	1429	0.0000e+00	0.0000e+00	0.0000e+00	4.2761e+02	-3.3708e+01	-6.1810e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	3.8517e+02	-3.0569e+01	-8.5922e+00
1191	1416	0.0000e+00	0.0000e+00	0.0000e+00	4.1539e+02	5.8715e+01	-1.1417e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	5.6457e+02	8.3654e+01	-2.4121e+01
	1428	0.0000e+00	0.0000e+00	0.0000e+00	5.4795e+02	2.8322e+01	-1.2184e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	4.0625e+02	2.9460e+01	-1.6792e+00
1192	1414	0.0000e+00	0.0000e+00	0.0000e+00	2.4281e+02	1.4974e+01	-3.3908e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	3.5120e+02	2.9890e+01	-3.5359e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	3.4510e+02	5.2171e+01	-1.1199e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	2.4597e+02	1.9537e+01	-9.7572e+00
1193	1413	0.0000e+00	0.0000e+00	0.0000e+00	2.4153e+02	3.1817e+00	-4.6112e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	3.2749e+02	-9.0933e+00	-3.6719e+01
	1425	0.0000e+00	0.0000e+00	0.0000e+00	3.3564e+02	1.0126e+01	-4.2660e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	2.5242e+02	9.8446e+00	-5.2056e+01
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	2.3087e+02	3.8380e+00	-3.5993e+01

	1423	0.0000e+00	0.0000e+00	0.0000e+00	2.8998e+02	-5.7758e+00	-1.8366e+01
	1424	0.0000e+00	0.0000e+00	0.0000e+00	3.1591e+02	-1.2012e+01	-3.3444e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	2.4069e+02	8.2811e+00	-5.1078e+01
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	2.2086e+02	9.5505e+00	-2.2340e+01
	1422	0.0000e+00	0.0000e+00	0.0000e+00	2.6492e+02	3.6366e+00	-1.0822e+01
	1423	0.0000e+00	0.0000e+00	0.0000e+00	2.8287e+02	-4.8715e+00	-2.2212e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	2.2629e+02	1.1602e+01	-3.3737e+01
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.1805e+02	1.3035e+01	-1.1874e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	2.5756e+02	7.5576e+00	-9.5012e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	2.6220e+02	4.5386e+00	-1.7094e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	2.1823e+02	1.3748e+01	-1.9471e+01
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	2.2364e+02	1.2786e+01	-1.9660e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	2.6779e+02	3.7239e+00	-8.7347e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	2.5848e+02	6.9215e+00	-1.6326e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.1896e+02	1.2346e+01	-9.4316e+00
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	2.3813e+02	8.6804e+00	1.2720e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	2.9525e+02	-8.2143e+00	-3.7506e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	2.7237e+02	2.0023e+00	-1.5107e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	2.2813e+02	7.1611e+00	-1.4361e+00
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	2.5928e+02	2.6734e+00	3.0775e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	3.3575e+02	-1.8523e+01	8.1472e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	3.0425e+02	-1.0673e+01	-7.7093e+00
	1408	0.0000e+00	0.0000e+00	0.0000e+00	2.4470e+02	-1.3727e+00	1.5186e+01
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	2.7828e+02	-7.9575e-01	3.3838e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	3.6444e+02	-1.9590e+00	1.8564e+01
	1418	0.0000e+00	0.0000e+00	0.0000e+00	3.4927e+02	-1.7440e+01	1.1125e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	2.6239e+02	-4.9703e+00	2.6359e+01
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	2.8048e+02	5.9649e+00	-3.8126e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	3.8451e+02	3.3249e+01	-9.4424e+00
	1417	0.0000e+00	0.0000e+00	0.0000e+00	3.8206e+02	1.5873e+01	1.1315e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	2.7147e+02	2.7000e+00	1.6922e+01
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	1.1720e+02	-2.5171e+01	-4.1035e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	2.2320e+02	-6.1089e+00	-3.7140e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	2.2154e+02	-4.0097e+00	-7.7538e+00
	1404	0.0000e+00	0.0000e+00	0.0000e+00	1.2675e+02	-4.1613e+01	-1.1650e+01
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	1.1606e+02	1.1857e+01	-5.5827e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	2.1109e+02	1.2457e+00	-5.0264e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	2.1046e+02	-3.0933e+00	-5.1906e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	1.2797e+02	-1.0648e+01	-5.7471e+01
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	1.2767e+02	2.4715e+01	-3.7012e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	1.9939e+02	9.5036e+00	-3.7160e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	2.0398e+02	1.5573e+00	-5.4768e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	1.2279e+02	2.0910e+01	-5.4622e+01
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.3963e+02	2.5211e+01	-1.8571e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	1.9490e+02	1.3802e+01	-2.1314e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	1.9856e+02	7.4113e+00	-3.7909e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	1.3043e+02	2.8736e+01	-3.5167e+01
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.4572e+02	2.4113e+01	-6.8203e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	1.9623e+02	1.3708e+01	-9.3308e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	1.9610e+02	1.1712e+01	-2.1914e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.4076e+02	2.6093e+01	-1.9401e+01
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	1.4535e+02	2.5198e+01	4.0475e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	2.0137e+02	1.0598e+01	2.5620e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	1.9708e+02	1.3161e+01	-1.0237e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.4651e+02	2.3447e+01	-8.6864e+00
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	1.4031e+02	2.6166e+01	2.0052e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	2.1005e+02	4.3783e+00	1.8739e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	2.0185e+02	1.1554e+01	2.0032e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	1.4582e+02	2.2943e+01	3.2078e+00
1209	1396	0.0000e+00	0.0000e+00	0.0000e+00	1.3772e+02	1.6507e+01	4.0327e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	2.2184e+02	-4.4410e+00	3.6437e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	2.1246e+02	5.2212e+00	1.8001e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	1.3918e+02	2.0662e+01	2.1881e+01

1210	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.4728e+02	-1.6737e+01	4.5246e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	2.3493e+02	-1.1617e+01	3.5789e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	2.3035e+02	-6.5262e+00	3.2151e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	1.3267e+02	5.8038e+00	4.1606e+01
1211	1394	0.0000e+00	0.0000e+00	0.0000e+00	1.4976e+02	-4.9155e+01	3.8757e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	2.5211e+02	-1.6409e+01	-3.6195e+00
	1406	0.0000e+00	0.0000e+00	0.0000e+00	2.4874e+02	-1.5883e+01	2.1854e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.3823e+02	-3.3142e+01	2.9195e+01
1212	1392	0.0000e+00	0.0000e+00	0.0000e+00	-3.7593e+01	-6.7787e+01	-5.6894e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	9.9754e+01	-4.9182e+01	-4.4426e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	1.0232e+02	-6.7867e+01	-7.4194e+00
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-1.5118e+01	-1.2230e+02	-1.9884e+01
1213	1391	0.0000e+00	0.0000e+00	0.0000e+00	-1.5525e+01	4.0031e+01	-4.6651e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	8.0686e+01	1.2704e+01	-4.6686e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	7.8809e+01	-2.2197e+01	-6.4126e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.3786e+01	-1.5124e+01	-6.4092e+01
1214	1390	0.0000e+00	0.0000e+00	0.0000e+00	3.5242e+01	4.4679e+01	-7.6620e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	9.3082e+01	3.2985e+01	-3.1184e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	8.3859e+01	1.4056e+01	-5.3974e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-4.3549e+00	4.7342e+01	-3.0448e+01
1215	1389	0.0000e+00	0.0000e+00	0.0000e+00	6.9319e+01	3.4814e+01	9.5897e-01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.1306e+02	2.9636e+01	-1.7038e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	1.0252e+02	2.4497e+01	-2.8946e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	4.3638e+01	4.2830e+01	-1.1049e+01
1216	1388	0.0000e+00	0.0000e+00	0.0000e+00	8.3094e+01	2.8146e+01	-1.1240e+00
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.2392e+02	2.4265e+01	-8.2272e+00
	1400	0.0000e+00	0.0000e+00	0.0000e+00	1.1886e+02	2.3749e+01	-1.4096e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	7.3626e+01	3.1453e+01	-6.9281e+00
1217	1387	0.0000e+00	0.0000e+00	0.0000e+00	7.7213e+01	3.0515e+01	-3.7855e+00
	1398	0.0000e+00	0.0000e+00	0.0000e+00	1.2322e+02	2.2578e+01	-5.8465e-01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.2462e+02	2.3837e+01	-5.8073e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	8.3699e+01	2.7561e+01	-9.6843e+00
1218	1386	0.0000e+00	0.0000e+00	0.0000e+00	5.1220e+01	4.0371e+01	-6.3925e-01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	1.1183e+02	2.1618e+01	1.5182e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	1.1878e+02	2.7614e+01	3.1412e+00
	1387	0.0000e+00	0.0000e+00	0.0000e+00	7.4102e+01	3.2710e+01	-1.1672e+01
1219	1385	0.0000e+00	0.0000e+00	0.0000e+00	8.3230e+00	4.3520e+01	2.0075e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	9.7748e+01	9.3472e+00	4.0794e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	1.0360e+02	2.9313e+01	1.7514e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	4.3956e+01	4.1102e+01	-3.2512e+00
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	3.4591e+00	-1.9625e+01	5.4465e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	9.6435e+01	-2.8563e+01	5.2529e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	9.5467e+01	7.4157e+00	3.3895e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-4.4825e+00	3.5263e+01	3.5829e+01
1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	4.0643e+00	-1.2638e+02	1.2171e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	1.2149e+02	-7.5527e+01	-8.9027e-01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	1.1764e+02	-5.5545e+01	3.3900e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-2.3896e+01	-7.2859e+01	4.6698e+01
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	-2.9578e+02	-9.4857e+01	-6.6716e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-5.6823e+01	-9.3312e+01	-5.4554e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-4.7509e+01	-1.6533e+02	-1.4298e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-2.8047e+02	-2.4325e+02	-2.6460e+01
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	-1.0256e+02	7.2145e+01	5.3145e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-6.8799e+01	7.2335e+01	-1.7290e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.0159e+02	-2.8636e+01	-8.6938e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-2.1246e+02	1.0907e+02	-1.6510e+01
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	-7.7601e+00	4.9310e+01	5.7587e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	6.9419e+00	5.4413e+01	1.1305e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-2.8740e+01	3.9805e+01	-8.3991e+00
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-8.6802e+01	6.3621e+01	4.8106e+01
1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	3.7719e+01	2.5139e+01	2.9868e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	5.3612e+01	3.5021e+01	1.5923e+00
	1390	0.0000e+00	0.0000e+00	0.0000e+00	2.7187e+01	3.7441e+01	8.8819e+00

	1379	0.0000e+00	0.0000e+00	0.0000e+00	7.1997e+00	3.2858e+01	3.7196e+01
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	5.3495e+01	1.4039e+01	3.6307e+00
	1388	0.0000e+00	0.0000e+00	0.0000e+00	7.1284e+01	2.4574e+01	-5.6141e+00
	1389	0.0000e+00	0.0000e+00	0.0000e+00	6.2004e+01	2.6921e+01	4.9650e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	4.4116e+01	1.6642e+01	1.4172e+01
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	4.6843e+01	1.5506e+01	-2.1255e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	6.5354e+01	2.5684e+01	-1.4562e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	7.1830e+01	2.4213e+01	-3.9980e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	5.3919e+01	1.3530e+01	-1.0679e+01
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	1.2772e+01	3.0073e+01	-4.4520e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	3.4236e+01	3.4623e+01	-1.8595e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	5.8023e+01	3.3070e+01	-1.1189e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	4.1270e+01	2.2999e+01	-3.7111e+01
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	-7.8417e+01	5.9335e+01	-5.5938e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-1.8622e+01	3.5605e+01	-1.5116e+00
	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.4720e+01	5.0948e+01	-1.0802e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	2.8658e+00	4.5629e+01	-6.5265e+01
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	-2.0248e+02	1.0380e+02	7.6739e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-8.9455e+01	-3.3495e+01	7.6967e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	-5.7899e+01	6.7693e+01	7.6217e+00
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-9.3661e+01	6.7310e+01	-6.1683e+01
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	-2.7098e+02	-2.4785e+02	1.6338e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-3.6298e+01	-1.6958e+02	4.9250e+00
	1384	0.0000e+00	0.0000e+00	0.0000e+00	-4.4788e+01	-9.7943e+01	4.5267e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-2.8559e+02	-9.9342e+01	5.6697e+01
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	-1.4959e+02	4.3163e+02	6.6428e+02
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-6.4885e+02	5.7714e+01	7.8553e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	2.0231e+01	-4.2163e+02	-1.4650e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	-2.0053e+03	-3.5131e+02	4.3923e+02
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	-1.4053e+01	5.6308e+01	2.0115e+02
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-1.2321e+02	1.2182e+02	5.8672e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-4.2117e+02	7.1875e+01	1.4520e+02
	674	0.0000e+00	0.0000e+00	0.0000e+00	-5.2314e+00	-3.3442e+01	2.8768e+02
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	4.0936e+01	1.1613e+01	1.0429e+02
	1379	0.0000e+00	0.0000e+00	0.0000e+00	2.5871e+00	3.8235e+01	5.8582e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	-7.0111e+01	6.0192e+01	1.1056e+02
	673	0.0000e+00	0.0000e+00	0.0000e+00	1.8774e+01	-1.5801e+01	1.5627e+02
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	5.5346e+01	-1.0227e+01	4.4807e+01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	4.4179e+01	1.3411e+01	2.8636e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	1.3675e+01	2.8233e+01	6.3065e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	5.3260e+01	-1.6133e+01	7.9237e+01
1236	670	0.0000e+00	0.0000e+00	0.0000e+00	6.0558e+01	-1.8441e+01	4.0508e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	5.6775e+01	4.6632e+00	-8.3365e-01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	4.8104e+01	9.9064e+00	2.5607e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	5.9447e+01	-1.9233e+01	3.0439e+01
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	6.1532e+01	-2.0689e+01	-3.4816e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	5.0632e+01	8.5102e+00	-3.1914e+01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	5.7188e+01	4.3290e+00	-5.4525e+00
	670	0.0000e+00	0.0000e+00	0.0000e+00	6.0843e+01	-1.8911e+01	-8.3512e+00
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	5.7722e+01	-1.9539e+01	-8.3995e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	1.8999e+01	2.5095e+01	-6.9715e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	4.7526e+01	1.1310e+01	-3.5035e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	5.7993e+01	-1.2614e+01	-4.9315e+01
1239	667	0.0000e+00	0.0000e+00	0.0000e+00	2.5622e+01	-2.1119e+01	-1.6184e+02
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-6.2195e+01	5.5511e+01	-1.1793e+02
	1375	0.0000e+00	0.0000e+00	0.0000e+00	7.0359e+00	3.4384e+01	-6.5412e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	4.5930e+01	7.3688e+00	-1.0933e+02
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	5.7124e+00	-4.0396e+01	-2.9477e+02
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-4.1083e+02	6.6333e+01	-1.5393e+02
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.1447e+02	1.1635e+02	-6.6371e+01
	667	0.0000e+00	0.0000e+00	0.0000e+00	-7.3269e+00	5.0225e+01	-2.0721e+02
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	-1.9896e+03	-3.5733e+02	-4.4883e+02
	1372	0.0000e+00	0.0000e+00	0.0000e+00	2.9017e+01	-4.2595e+02	1.3517e+02

	1373	0.0000e+00	0.0000e+00	0.0000e+00	-6.3761e+02	5.2026e+01	-8.7569e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-1.3991e+02	4.2308e+02	-6.7157e+02
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	6.9442e+02	-3.3407e+01	7.8763e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	5.7770e+02	-1.3119e+02	3.4869e+02
	30	0.0000e+00	0.0000e+00	0.0000e+00	1.3283e+03	3.2995e+01	2.3494e+02
	1362	0.0000e+00	0.0000e+00	0.0000e+00	4.9078e+02	1.5847e+02	-3.4996e+01
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	4.4588e+02	-6.0823e+01	6.9321e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	3.7694e+02	2.3869e+01	2.0066e+02
	1371	0.0000e+00	0.0000e+00	0.0000e+00	4.9090e+02	-4.6173e+01	2.2762e+02
	1361	0.0000e+00	0.0000e+00	0.0000e+00	5.9807e+02	-1.4914e+01	9.6283e+01
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	3.3342e+02	-1.2503e+01	6.1538e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	2.8057e+02	5.7168e+01	1.2681e+02
	1370	0.0000e+00	0.0000e+00	0.0000e+00	3.3424e+02	-1.6550e+01	1.6090e+02
	1360	0.0000e+00	0.0000e+00	0.0000e+00	4.1202e+02	-1.4441e+01	9.5627e+01
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	2.8112e+02	1.3677e+01	3.7430e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	2.3242e+02	6.5873e+01	7.0131e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	2.5755e+02	1.8602e+01	1.0184e+02
	1359	0.0000e+00	0.0000e+00	0.0000e+00	3.2225e+02	8.5590e+00	6.9138e+01
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	2.6360e+02	2.4450e+01	1.0292e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	2.1406e+02	5.9985e+01	2.0848e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	2.2207e+02	4.5712e+01	5.0674e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	2.7698e+02	2.2527e+01	4.0118e+01
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	2.7440e+02	2.2020e+01	-1.7828e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	2.2043e+02	4.2657e+01	-2.6767e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	2.1383e+02	6.2083e+01	2.8759e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	2.6289e+02	2.4355e+01	1.1815e+01
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	3.1613e+02	7.6877e+00	-4.6308e+01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	2.5396e+02	1.5541e+01	-7.7227e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	2.3025e+02	6.6443e+01	-4.6070e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	2.7719e+02	1.3057e+01	-1.5153e+01
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	4.0190e+02	-1.4892e+01	-7.1933e+01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	3.2847e+02	-1.8387e+01	-1.3506e+02
	1365	0.0000e+00	0.0000e+00	0.0000e+00	2.7628e+02	5.5979e+01	-1.0188e+02
	1355	0.0000e+00	0.0000e+00	0.0000e+00	3.2617e+02	-1.3084e+01	-3.8752e+01
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	5.8318e+02	-1.4218e+01	-7.1520e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	4.8256e+02	-4.4899e+01	-2.0012e+02
	1364	0.0000e+00	0.0000e+00	0.0000e+00	3.7017e+02	2.0992e+01	-1.7434e+02
	1354	0.0000e+00	0.0000e+00	0.0000e+00	4.3497e+02	-6.0698e+01	-4.5742e+01
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	4.8139e+02	1.6674e+02	6.2625e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	1.3072e+03	4.0704e+01	-2.0426e+02
	1363	0.0000e+00	0.0000e+00	0.0000e+00	5.6745e+02	-1.3466e+02	-3.1956e+02
	1353	0.0000e+00	0.0000e+00	0.0000e+00	6.8032e+02	-3.4654e+01	-5.2680e+01
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	4.0855e+02	3.1025e+01	-3.6475e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	5.4990e+02	3.0191e+01	9.0320e+00
	1362	0.0000e+00	0.0000e+00	0.0000e+00	5.6623e+02	8.5176e+01	2.1259e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	4.1723e+02	5.9952e+01	8.9245e+00
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	3.8815e+02	-2.8776e+01	5.3609e+00
	1360	0.0000e+00	0.0000e+00	0.0000e+00	4.3023e+02	-3.1541e+01	5.8109e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	5.0745e+02	-4.1080e+01	2.9181e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	4.1807e+02	1.3351e+01	-2.3793e+01
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	3.3210e+02	-1.6159e+01	1.2197e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	3.4599e+02	-1.3883e+01	5.9970e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	4.1111e+02	-2.1252e+01	5.4577e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	3.6383e+02	-8.2762e+00	6.8870e+00
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	2.9184e+02	2.2119e+00	1.1877e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	2.9766e+02	8.0692e+00	4.0145e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	3.3198e+02	4.0096e+00	4.5864e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	3.1481e+02	1.8084e+00	1.7603e+01
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	2.7479e+02	9.2957e+00	7.1257e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	2.7902e+02	1.8509e+01	1.7095e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	2.9055e+02	1.7310e+01	2.6305e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	2.8346e+02	8.5387e+00	1.6337e+01
1257	1345	0.0000e+00	0.0000e+00	0.0000e+00	2.7975e+02	8.0414e+00	1.8751e+00

	1356	0.0000e+00	0.0000e+00	0.0000e+00	2.8738e+02	1.6615e+01	-5.4145e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	2.7838e+02	1.8637e+01	3.6768e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	2.7420e+02	9.4957e+00	1.0856e+01
1258	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.0663e+02	1.7695e+00	-1.3866e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	3.2481e+02	3.0134e+00	-2.4420e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	2.9319e+02	7.7315e+00	-1.9104e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	2.8691e+02	2.0209e+00	6.2735e+00
1259	1343	0.0000e+00	0.0000e+00	0.0000e+00	3.5079e+02	-8.1958e+00	1.2378e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	3.9949e+02	-2.2018e+01	-3.2253e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	3.3749e+02	-1.4038e+01	-3.8247e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.2258e+02	-1.5978e+01	6.3730e+00
1260	1342	0.0000e+00	0.0000e+00	0.0000e+00	3.9868e+02	1.5169e+01	4.3468e+01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	4.9115e+02	-4.0790e+01	-5.7063e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	4.1715e+02	-3.0855e+01	-3.5410e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	3.7354e+02	-2.7680e+01	1.3604e+01
1261	1341	0.0000e+00	0.0000e+00	0.0000e+00	3.9001e+02	6.3840e+01	9.5272e+00
	1352	0.0000e+00	0.0000e+00	0.0000e+00	5.3807e+02	9.0260e+01	4.6598e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	5.3157e+02	3.3147e+01	1.7116e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	3.8659e+02	3.4945e+01	2.1984e+01
1262	1339	0.0000e+00	0.0000e+00	0.0000e+00	2.7384e+02	3.8752e+00	-1.9010e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	3.8444e+02	1.7346e+01	-1.3805e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	3.8649e+02	3.4388e+01	7.1114e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	2.8240e+02	6.9224e+00	1.8972e+00
1263	1338	0.0000e+00	0.0000e+00	0.0000e+00	2.6546e+02	-3.6023e+00	-2.8829e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	3.5238e+02	-1.5765e+01	-1.4042e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	3.6705e+02	-8.7949e-01	-2.1215e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	2.8085e+02	1.7932e+00	-3.6019e+01
1264	1337	0.0000e+00	0.0000e+00	0.0000e+00	2.4856e+02	1.1558e+00	-1.8065e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	3.0815e+02	-9.0623e+00	4.2384e+00
	1349	0.0000e+00	0.0000e+00	0.0000e+00	3.3909e+02	-1.6952e+01	-1.1212e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	2.6258e+02	3.9094e+00	-3.3345e+01
1265	1336	0.0000e+00	0.0000e+00	0.0000e+00	2.3287e+02	8.2061e+00	-4.4944e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	2.7717e+02	3.0441e+00	1.1121e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	2.9940e+02	-6.8171e+00	8.0692e-01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	2.4223e+02	9.8239e+00	-1.5698e+01
1266	1335	0.0000e+00	0.0000e+00	0.0000e+00	2.2469e+02	1.2791e+01	5.6877e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	2.6427e+02	7.6696e+00	1.1869e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	2.7284e+02	4.8008e+00	4.5558e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	2.2865e+02	1.3555e+01	-1.6620e+00
1267	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.2505e+02	1.3164e+01	1.5459e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	2.6911e+02	4.3048e+00	1.2251e+01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	2.6359e+02	7.9379e+00	4.8627e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	2.2406e+02	1.3076e+01	8.0724e+00
1268	1333	0.0000e+00	0.0000e+00	0.0000e+00	2.3434e+02	9.4486e+00	2.9643e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	2.9111e+02	-7.1795e+00	1.7141e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	2.7209e+02	3.0149e+00	5.8345e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.2800e+02	8.4165e+00	1.8321e+01
1269	1332	0.0000e+00	0.0000e+00	0.0000e+00	2.5018e+02	3.8709e+00	4.7277e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	3.2580e+02	-1.6806e+01	2.8446e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	2.9848e+02	-8.7477e+00	1.3176e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	2.3930e+02	1.1049e+00	3.1990e+01
1270	1331	0.0000e+00	0.0000e+00	0.0000e+00	2.6356e+02	2.6307e+00	4.9182e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	3.4782e+02	2.0825e+00	3.8231e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	3.3768e+02	-1.4703e+01	3.1630e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	2.5147e+02	-2.5588e+00	4.2577e+01
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	2.6041e+02	8.7092e+00	9.3232e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	3.6003e+02	3.8858e+01	8.3645e+00
	1342	0.0000e+00	0.0000e+00	0.0000e+00	3.6367e+02	2.0138e+01	3.0911e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	2.5480e+02	6.0539e+00	3.1873e+01
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.4038e+02	-3.2225e+01	-3.0657e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	2.5110e+02	-1.4793e+01	-2.3719e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	2.5406e+02	-1.5555e+01	1.8832e+00
	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.5150e+02	-4.8453e+01	-5.1320e+00

1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	1.3546e+02	6.8023e+00	-4.3368e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	2.3341e+02	-5.2967e+00	-3.4370e+01
	1339	0.0000e+00	0.0000e+00	0.0000e+00	2.3751e+02	-1.0547e+01	-3.7792e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.4961e+02	-1.5876e+01	-4.6791e+01
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	1.4267e+02	2.1598e+01	-2.3977e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	2.1631e+02	6.3826e+00	-2.0613e+01
	1338	0.0000e+00	0.0000e+00	0.0000e+00	2.2513e+02	-3.3021e+00	-3.8818e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	1.4070e+02	1.7400e+01	-4.2185e+01
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.5009e+02	2.3608e+01	-5.5944e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	2.0657e+02	1.2442e+01	-4.8733e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	2.1414e+02	5.3893e+00	-2.1527e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	1.4402e+02	2.6926e+01	-2.2256e+01
1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.5163e+02	2.3568e+01	5.9137e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	2.0276e+02	1.3459e+01	6.8000e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	2.0633e+02	1.1252e+01	-5.6725e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.4986e+02	2.5601e+01	-6.5572e+00
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.4680e+02	2.5322e+01	1.6447e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.0284e+02	1.1017e+01	1.8224e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	2.0214e+02	1.3656e+01	5.7325e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.5110e+02	2.3865e+01	3.9557e+00
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	1.3744e+02	2.6658e+01	3.2229e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	2.0648e+02	5.2165e+00	3.4159e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.0186e+02	1.2608e+01	1.7496e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.4596e+02	2.3935e+01	1.5565e+01
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	1.3079e+02	1.7089e+01	5.2063e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	2.1319e+02	-3.0184e+00	5.1329e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	2.0748e+02	6.6329e+00	3.3356e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	1.3498e+02	2.1986e+01	3.4088e+01
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.3652e+02	-1.6244e+01	5.5960e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	2.2127e+02	-9.6655e+00	4.9549e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	2.2039e+02	-4.6602e+00	4.6903e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	1.2439e+02	7.2110e+00	5.3312e+01
1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.3725e+02	-4.9284e+01	1.2683e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	2.3255e+02	-1.3837e+01	7.9112e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	2.3390e+02	-1.3443e+01	3.5322e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.2621e+02	-3.1958e+01	4.0097e+01
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	-2.2160e+01	-7.2176e+01	-4.7618e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	1.1971e+02	-5.4742e+01	-3.5164e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	1.2320e+02	-7.4881e+01	-5.8521e-01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	3.8389e+00	-1.2586e+02	-1.2959e+01
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	3.3090e+00	3.5971e+01	-3.6981e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	9.8155e+01	8.2774e+00	-3.5439e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	9.8699e+01	-2.7784e+01	-5.3913e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	3.8960e+00	-1.9008e+01	-5.5456e+01
1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	4.6812e+01	4.1715e+01	1.7890e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	1.0697e+02	3.0090e+01	-1.9378e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	1.0064e+02	1.0142e+01	-4.2482e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	1.0654e+01	4.4121e+01	-2.1319e+01
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	7.7585e+01	3.3059e+01	9.9469e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.2290e+02	2.8109e+01	-5.2918e+00
	1326	0.0000e+00	0.0000e+00	0.0000e+00	1.1540e+02	2.2274e+01	-1.7203e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	5.4251e+01	4.0820e+01	-1.9682e+00
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	8.7854e+01	2.7425e+01	7.7081e+00
	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.2955e+02	2.3794e+01	3.2743e+00
	1325	0.0000e+00	0.0000e+00	0.0000e+00	1.2754e+02	2.2884e+01	-2.5064e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	8.0885e+01	3.0633e+01	1.9292e+00
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	7.8479e+01	3.0553e+01	4.7936e+00
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.2466e+02	2.2834e+01	1.1382e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	1.2903e+02	2.3945e+01	5.5588e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	8.7448e+01	2.7694e+01	-1.0427e+00
1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	4.9162e+01	4.0856e+01	8.9276e+00
	1322	0.0000e+00	0.0000e+00	0.0000e+00	1.0921e+02	2.2318e+01	2.6229e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.1901e+02	2.8342e+01	1.4220e+01



	1312	0.0000e+00	0.0000e+00	0.0000e+00	7.4377e+01	3.3500e+01	-3.0974e+00
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	4.2352e+00	4.4014e+01	2.8636e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	9.1369e+01	1.0207e+01	5.1573e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	9.9877e+01	3.0345e+01	2.8444e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	4.0973e+01	4.2199e+01	5.5102e+00
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	-7.8247e+00	-2.0011e+01	6.2673e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	8.6959e+01	-2.7769e+01	6.2384e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	8.8288e+01	8.2839e+00	4.4441e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-9.4846e+00	3.5941e+01	4.4729e+01
1291	1308	0.0000e+00	0.0000e+00	0.0000e+00	-9.1924e+00	-1.2785e+02	1.9979e+01
	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.0892e+02	-7.5535e+01	8.1246e+00
	1320	0.0000e+00	0.0000e+00	0.0000e+00	1.0723e+02	-5.4702e+01	4.3506e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-3.0954e+01	-7.2229e+01	5.5364e+01
1292	1306	0.0000e+00	0.0000e+00	0.0000e+00	-2.8427e+02	-9.8810e+01	-5.7191e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-4.3153e+01	-9.7365e+01	-4.6021e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-3.4953e+01	-1.6910e+02	-5.5825e+00
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-2.6990e+02	-2.4749e+02	-1.6751e+01
1293	1305	0.0000e+00	0.0000e+00	0.0000e+00	-9.1956e+01	6.7772e+01	6.1010e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-5.5757e+01	6.8268e+01	-8.5982e+00
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-8.7650e+01	-3.2943e+01	-7.7824e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-2.0107e+02	1.0421e+02	-8.2251e+00
1294	1304	0.0000e+00	0.0000e+00	0.0000e+00	3.1318e+00	4.5964e+01	6.4351e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	1.7379e+01	5.1405e+01	9.5416e+00
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-1.6362e+01	3.6124e+01	3.6425e-01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-7.6600e+01	5.9689e+01	5.5170e+01
1295	1303	0.0000e+00	0.0000e+00	0.0000e+00	4.3858e+01	2.3078e+01	3.5954e+01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	6.1299e+01	3.3253e+01	9.6479e+00
	1315	0.0000e+00	0.0000e+00	0.0000e+00	3.7077e+01	3.4982e+01	1.7197e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	1.5002e+01	3.0266e+01	4.3503e+01
1296	1302	0.0000e+00	0.0000e+00	0.0000e+00	5.7004e+01	1.3174e+01	9.2997e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	7.5732e+01	2.3915e+01	2.1909e+00
	1314	0.0000e+00	0.0000e+00	0.0000e+00	6.8780e+01	2.5714e+01	1.2878e+01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	4.9566e+01	1.5394e+01	1.9988e+01
1297	1301	0.0000e+00	0.0000e+00	0.0000e+00	4.7719e+01	1.5610e+01	-1.5708e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	6.6548e+01	2.5876e+01	-6.9273e+00
	1313	0.0000e+00	0.0000e+00	0.0000e+00	7.5322e+01	2.4052e+01	3.6814e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	5.6721e+01	1.3423e+01	-5.1059e+00
1298	1300	0.0000e+00	0.0000e+00	0.0000e+00	1.1152e+01	3.0900e+01	-3.8795e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	3.2355e+01	3.5357e+01	-1.0893e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	5.8261e+01	3.3672e+01	-3.6237e+00
	1301	0.0000e+00	0.0000e+00	0.0000e+00	4.1458e+01	2.3776e+01	-3.1520e+01
1299	1299	0.0000e+00	0.0000e+00	0.0000e+00	-8.2220e+01	6.0584e+01	-4.9566e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-2.3317e+01	3.6404e+01	6.5946e+00
	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.1977e+01	5.2014e+01	-3.1088e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-4.2542e+00	4.6967e+01	-5.9258e+01
1300	1298	0.0000e+00	0.0000e+00	0.0000e+00	-2.1012e+02	1.0446e+02	1.5096e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-9.4199e+01	-3.3515e+01	8.5646e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	-6.3313e+01	6.8184e+01	1.5459e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-9.8086e+01	6.8775e+01	-5.5094e+01
1301	1297	0.0000e+00	0.0000e+00	0.0000e+00	-2.6636e+02	-2.4890e+02	2.9658e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-4.2370e+01	-1.6899e+02	1.3456e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	-4.9849e+01	-9.8354e+01	5.2797e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-2.9168e+02	-9.6104e+01	6.9000e+01
1302	557	0.0000e+00	0.0000e+00	0.0000e+00	-1.3901e+02	4.2332e+02	6.7137e+02
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-6.3638e+02	5.2476e+01	8.7188e+01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	2.9923e+01	-4.2559e+02	-1.3554e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	-1.9887e+03	-3.5677e+02	4.4864e+02
1303	556	0.0000e+00	0.0000e+00	0.0000e+00	-6.5102e+00	5.0461e+01	2.0684e+02
	1305	0.0000e+00	0.0000e+00	0.0000e+00	-1.1290e+02	1.1667e+02	6.5815e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-4.0949e+02	6.6707e+01	1.5348e+02
	557	0.0000e+00	0.0000e+00	0.0000e+00	6.5776e+00	-4.0138e+01	2.9451e+02
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	4.7315e+01	7.4791e+00	1.0877e+02
	1304	0.0000e+00	0.0000e+00	0.0000e+00	8.8976e+00	3.4575e+01	6.4625e+01

1305	0.0000e+00	0.0000e+00	0.0000e+00	-6.0537e+01	5.5797e+01	1.1725e+02	
556	0.0000e+00	0.0000e+00	0.0000e+00	2.6816e+01	-2.0968e+01	1.6140e+02	
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	5.9686e+01	-1.2802e+01	4.8557e+01
1303	0.0000e+00	0.0000e+00	0.0000e+00	4.9893e+01	1.1250e+01	3.4008e+01	
1304	0.0000e+00	0.0000e+00	0.0000e+00	2.1047e+01	2.5208e+01	6.8800e+01	
555	0.0000e+00	0.0000e+00	0.0000e+00	5.9181e+01	-1.9576e+01	8.3349e+01	
1306	553	0.0000e+00	0.0000e+00	0.0000e+00	6.2893e+01	-1.9522e+01	7.4051e+00
1302	0.0000e+00	0.0000e+00	0.0000e+00	6.0014e+01	3.9087e+00	4.1975e+00	
1303	0.0000e+00	0.0000e+00	0.0000e+00	5.3104e+01	8.3302e+00	3.0753e+01	
554	0.0000e+00	0.0000e+00	0.0000e+00	6.3313e+01	-2.1040e+01	3.3962e+01	
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	6.1908e+01	-2.0468e+01	-3.1535e+01
1301	0.0000e+00	0.0000e+00	0.0000e+00	5.1409e+01	8.7642e+00	-2.7042e+01	
1302	0.0000e+00	0.0000e+00	0.0000e+00	5.9700e+01	4.0469e+00	-6.0006e-01	
553	0.0000e+00	0.0000e+00	0.0000e+00	6.2707e+01	-1.9273e+01	-5.0856e+00	
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	5.6141e+01	-1.8215e+01	-8.0443e+01
1300	0.0000e+00	0.0000e+00	0.0000e+00	1.7450e+01	2.6182e+01	-6.4620e+01	
1301	0.0000e+00	0.0000e+00	0.0000e+00	4.7568e+01	1.1982e+01	-3.0176e+01	
552	0.0000e+00	0.0000e+00	0.0000e+00	5.7910e+01	-1.1734e+01	-4.5999e+01	
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	2.2503e+01	-1.8916e+01	-1.5756e+02
1299	0.0000e+00	0.0000e+00	0.0000e+00	-6.6435e+01	5.7065e+01	-1.1215e+02	
1300	0.0000e+00	0.0000e+00	0.0000e+00	5.0458e+00	3.5916e+01	-6.0138e+01	
551	0.0000e+00	0.0000e+00	0.0000e+00	4.3926e+01	9.2450e+00	-1.0555e+02	
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	-6.0588e+00	-3.8167e+01	-2.8931e+02
1298	0.0000e+00	0.0000e+00	0.0000e+00	-4.1378e+02	6.7648e+01	-1.4669e+02	
1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.1949e+02	1.1773e+02	-6.0582e+01	
550	0.0000e+00	0.0000e+00	0.0000e+00	-1.0900e+01	5.3557e+01	-2.0320e+02	
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	-1.9477e+03	-3.5110e+02	-4.3711e+02
1297	0.0000e+00	0.0000e+00	0.0000e+00	-2.2309e+01	-4.3123e+02	1.4491e+02	
1298	0.0000e+00	0.0000e+00	0.0000e+00	-6.4266e+02	6.4078e+01	-7.5625e+01	
549	0.0000e+00	0.0000e+00	0.0000e+00	-1.4766e+02	4.1927e+02	-6.5764e+02	
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	6.8031e+02	-3.4622e+01	5.2684e+01
1296	0.0000e+00	0.0000e+00	0.0000e+00	5.6746e+02	-1.3465e+02	3.1956e+02	
27	0.0000e+00	0.0000e+00	0.0000e+00	1.3072e+03	4.0726e+01	2.0427e+02	
1287	0.0000e+00	0.0000e+00	0.0000e+00	4.8138e+02	1.6675e+02	-6.2609e+01	
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	4.3497e+02	-6.0676e+01	4.5742e+01
1295	0.0000e+00	0.0000e+00	0.0000e+00	3.7018e+02	2.0977e+01	1.7434e+02	
1296	0.0000e+00	0.0000e+00	0.0000e+00	4.8257e+02	-4.4846e+01	2.0012e+02	
1286	0.0000e+00	0.0000e+00	0.0000e+00	5.8317e+02	-1.4193e+01	7.1521e+01	
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	3.2617e+02	-1.3065e+01	3.8750e+01
1294	0.0000e+00	0.0000e+00	0.0000e+00	2.7628e+02	5.5970e+01	1.0188e+02	
1295	0.0000e+00	0.0000e+00	0.0000e+00	3.2847e+02	-1.8351e+01	1.3506e+02	
1285	0.0000e+00	0.0000e+00	0.0000e+00	4.0190e+02	-1.4873e+01	7.1932e+01	
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	2.7719e+02	1.3055e+01	1.5153e+01
1293	0.0000e+00	0.0000e+00	0.0000e+00	2.3025e+02	6.6430e+01	4.6069e+01	
1294	0.0000e+00	0.0000e+00	0.0000e+00	2.5396e+02	1.5565e+01	7.7225e+01	
1284	0.0000e+00	0.0000e+00	0.0000e+00	3.1613e+02	7.6887e+00	4.6307e+01	
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	2.6289e+02	2.4348e+01	-1.1817e+01
1292	0.0000e+00	0.0000e+00	0.0000e+00	2.1382e+02	6.2064e+01	-2.8797e+00	
1293	0.0000e+00	0.0000e+00	0.0000e+00	2.2043e+02	4.2673e+01	2.6765e+01	
1283	0.0000e+00	0.0000e+00	0.0000e+00	2.7440e+02	2.2018e+01	1.7828e+01	
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.7698e+02	2.2512e+01	-4.0118e+01
1291	0.0000e+00	0.0000e+00	0.0000e+00	2.2207e+02	4.5687e+01	-5.0675e+01	
1292	0.0000e+00	0.0000e+00	0.0000e+00	2.1406e+02	5.9992e+01	-2.0850e+01	
1282	0.0000e+00	0.0000e+00	0.0000e+00	2.6360e+02	2.4439e+01	-1.0293e+01	
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	3.2226e+02	8.5276e+00	-6.9138e+01
1290	0.0000e+00	0.0000e+00	0.0000e+00	2.5754e+02	1.8571e+01	-1.0184e+02	
1291	0.0000e+00	0.0000e+00	0.0000e+00	2.3242e+02	6.5872e+01	-7.0132e+01	
1281	0.0000e+00	0.0000e+00	0.0000e+00	2.8111e+02	1.3654e+01	-3.7431e+01	
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	4.1202e+02	-1.4458e+01	-9.5626e+01
1289	0.0000e+00	0.0000e+00	0.0000e+00	3.3423e+02	-1.6594e+01	-1.6090e+02	
1290	0.0000e+00	0.0000e+00	0.0000e+00	2.8057e+02	5.7158e+01	-1.2681e+02	
1280	0.0000e+00	0.0000e+00	0.0000e+00	3.3342e+02	-1.2508e+01	-6.1537e+01	
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	5.9808e+02	-1.4943e+01	-9.6279e+01

	1288	0.0000e+00	0.0000e+00	0.0000e+00	4.9088e+02	-4.6225e+01	-2.2762e+02
	1289	0.0000e+00	0.0000e+00	0.0000e+00	3.7693e+02	2.3839e+01	-2.0066e+02
	1279	0.0000e+00	0.0000e+00	0.0000e+00	4.4588e+02	-6.0847e+01	-6.9319e+01
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	4.9079e+02	1.5845e+02	3.5010e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	1.3283e+03	3.2905e+01	-2.3492e+02
	1288	0.0000e+00	0.0000e+00	0.0000e+00	5.7769e+02	-1.3118e+02	-3.4869e+02
	1278	0.0000e+00	0.0000e+00	0.0000e+00	6.9442e+02	-3.3442e+01	-7.8755e+01
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	3.8658e+02	3.4959e+01	-2.1987e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	5.3157e+02	3.3169e+01	-1.7115e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	5.3807e+02	9.0265e+01	-4.6576e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	3.9000e+02	6.3846e+01	-9.5253e+00
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	3.7353e+02	-2.7661e+01	-1.3612e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	4.1715e+02	-3.0833e+01	3.5408e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	4.9115e+02	-4.0770e+01	5.7159e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	3.9867e+02	1.5185e+01	-4.3470e+01
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.2257e+02	-1.5962e+01	-6.3848e+00
	1284	0.0000e+00	0.0000e+00	0.0000e+00	3.3749e+02	-1.4020e+01	3.8245e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	3.9949e+02	-2.2001e+01	3.2250e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	3.5078e+02	-8.1777e+00	-1.2386e+01
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	2.8690e+02	1.9805e+00	-6.2829e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	2.9319e+02	7.7264e+00	1.9103e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	3.2481e+02	2.9911e+00	2.4419e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	3.0663e+02	1.7385e+00	1.4301e+00
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.7420e+02	9.4838e+00	-1.0859e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	2.7838e+02	1.8630e+01	-3.6841e+00
	1283	0.0000e+00	0.0000e+00	0.0000e+00	2.8738e+02	1.6609e+01	5.4197e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	2.7974e+02	8.0361e+00	-1.8998e+00
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.8346e+02	8.5183e+00	-1.6336e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.9055e+02	1.7294e+01	-2.6306e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	2.7902e+02	1.8496e+01	-1.7098e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.7479e+02	9.2817e+00	-7.1286e+00
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.1481e+02	1.7698e+00	-1.7599e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	3.3198e+02	3.9591e+00	-4.5864e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	2.9766e+02	8.0391e+00	-4.0147e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.9184e+02	2.1600e+00	-1.1875e+01
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.6384e+02	-8.2940e+00	-6.8586e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	4.1112e+02	-2.1266e+01	-5.4577e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	3.4599e+02	-1.3894e+01	-5.9971e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.3210e+02	-1.6172e+01	-1.2189e+01
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.1808e+02	1.3330e+01	2.3782e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	5.0746e+02	-4.1104e+01	-2.9169e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	4.3023e+02	-3.1566e+01	-5.8108e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.8815e+02	-2.8797e+01	-5.3244e+00
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	4.1723e+02	5.9939e+01	-8.9073e+00
	1277	0.0000e+00	0.0000e+00	0.0000e+00	5.6623e+02	8.5163e+01	-2.1240e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	5.4991e+02	3.0161e+01	-8.9907e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.0856e+02	3.1004e+01	3.5851e+00
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.5479e+02	6.0616e+00	-3.1877e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	3.6366e+02	2.0150e+01	-3.0912e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	3.6002e+02	3.8862e+01	-8.3652e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.6040e+02	8.7084e+00	-9.3274e+00
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	2.5146e+02	-2.5398e+00	-4.2580e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	3.3767e+02	-1.4685e+01	-3.1633e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	3.4781e+02	-2.0838e+00	-3.8233e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.6355e+02	2.6382e+00	-4.9185e+01
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	2.3929e+02	1.1068e+00	-3.1991e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	2.9848e+02	-8.7303e+00	-1.3182e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	3.2579e+02	-1.6788e+01	-2.8451e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	2.5017e+02	3.8891e+00	-4.7278e+01
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	2.2799e+02	8.4207e+00	-1.8321e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	2.7208e+02	2.9990e+00	-5.8435e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	2.9111e+02	-7.1622e+00	-1.7146e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	2.3433e+02	9.4603e+00	-2.9644e+01

1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.2406e+02	1.3073e+01	-8.0722e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.6359e+02	7.9264e+00	-4.8675e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	2.6911e+02	4.2926e+00	-1.2255e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	2.2505e+02	1.3167e+01	-1.5460e+01
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.2865e+02	1.3544e+01	1.6517e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.7284e+02	4.7740e+00	-4.5506e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	2.6427e+02	7.6556e+00	-1.1871e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.2469e+02	1.2786e+01	-5.6873e+00
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	2.4224e+02	9.8066e+00	1.5695e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	2.9941e+02	-6.8207e+00	-6.8002e-01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.7717e+02	3.0094e+00	-1.1118e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.3288e+02	8.1914e+00	4.4901e+00
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.6258e+02	3.8886e+00	3.3342e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.3910e+02	-1.6971e+01	1.1195e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.0816e+02	-9.0733e+00	-4.2105e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	2.4857e+02	1.1354e+00	1.8062e+01
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.8086e+02	1.7724e+00	3.6015e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	3.6706e+02	-8.9112e-01	2.1205e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.5238e+02	-1.5785e+01	1.4027e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.6547e+02	-3.6234e+00	2.8824e+01
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.8240e+02	6.9116e+00	-1.8703e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	3.8649e+02	3.4376e+01	-7.0922e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	3.8445e+02	1.7327e+01	1.3794e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.7385e+02	3.8533e+00	1.9002e+01
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.2620e+02	-3.1939e+01	-4.0107e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.3389e+02	-1.3427e+01	-3.5326e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	2.3255e+02	-1.3828e+01	-7.9183e+00
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.3725e+02	-4.9277e+01	-1.2695e+01
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.2438e+02	7.2331e+00	-5.3314e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	2.2038e+02	-4.6403e+00	-4.6905e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	2.2126e+02	-9.6468e+00	-4.9554e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.3651e+02	-1.6222e+01	-5.5965e+01
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.3497e+02	2.2004e+01	-3.4085e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	2.0747e+02	6.6483e+00	-3.3356e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	2.1318e+02	-2.9998e+00	-5.1331e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	1.3077e+02	1.7110e+01	-5.2062e+01
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.4595e+02	2.3945e+01	-1.5561e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	2.0185e+02	1.2615e+01	-1.7496e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	2.0647e+02	5.2276e+00	-3.4159e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.3743e+02	2.6673e+01	-3.2226e+01
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.5110e+02	2.3866e+01	-3.9528e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.0214e+02	1.3654e+01	-5.7327e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	2.0284e+02	1.1020e+01	-1.8223e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.4680e+02	2.5328e+01	-1.6443e+01
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.4986e+02	2.5594e+01	6.5617e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.0633e+02	1.1242e+01	5.6730e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	2.0276e+02	1.3455e+01	-6.7982e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.5163e+02	2.3566e+01	-5.9096e+00
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.4403e+02	2.6911e+01	2.2260e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	2.1414e+02	5.3714e+00	2.1527e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.0658e+02	1.2430e+01	4.8700e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.5010e+02	2.3598e+01	5.5983e+00
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.4071e+02	1.7377e+01	4.2188e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.2514e+02	-3.3219e+00	3.8816e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	2.1631e+02	6.3641e+00	2.0612e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.4268e+02	2.1580e+01	2.3981e+01
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.4962e+02	-1.5899e+01	4.6788e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.3752e+02	-1.0566e+01	3.7787e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	2.3342e+02	-5.3184e+00	3.4368e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.3546e+02	6.7780e+00	4.3367e+01
1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.5150e+02	-4.8463e+01	5.1189e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.5406e+02	-1.5565e+01	-1.8559e+00
	1256	0.0000e+00	0.0000e+00	0.0000e+00	2.5111e+02	-1.4809e+01	2.3714e+01

	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.4039e+02	-3.2246e+01	3.0649e+01
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	-3.0960e+01	-7.2198e+01	-5.5379e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	1.0722e+02	-5.4681e+01	-4.3514e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	1.0892e+02	-7.5526e+01	-8.1407e+00
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-9.1774e+00	-1.2784e+02	-2.0002e+01
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	-9.4782e+00	3.5971e+01	-4.4726e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	8.8275e+01	8.3089e+00	-4.4441e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	8.6946e+01	-2.7745e+01	-6.2391e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-7.8179e+00	-1.9976e+01	-6.2678e+01
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	4.0968e+01	4.2218e+01	-5.5041e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	9.9869e+01	3.0363e+01	-2.8441e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	9.1358e+01	1.0230e+01	-5.1572e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	4.2022e+00	4.4041e+01	-2.8631e+01
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	7.4375e+01	3.3510e+01	3.1077e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.1901e+02	2.8352e+01	-1.4216e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	1.0920e+02	2.2333e+01	-2.6224e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	4.9158e+01	4.0872e+01	-8.9213e+00
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	8.7446e+01	2.7696e+01	1.0551e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.2903e+02	2.3946e+01	-5.5551e+00
	1250	0.0000e+00	0.0000e+00	0.0000e+00	1.2466e+02	2.2841e+01	-1.1377e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	7.8477e+01	3.0559e+01	-4.7884e+00
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	8.0883e+01	3.0627e+01	-1.9219e+00
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.2754e+02	2.2877e+01	2.5118e+00
	1249	0.0000e+00	0.0000e+00	0.0000e+00	1.2955e+02	2.3793e+01	-3.2700e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	8.7852e+01	2.7424e+01	-7.7017e+00
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	5.4249e+01	4.0805e+01	1.9755e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.1540e+02	2.2258e+01	1.7208e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.2290e+02	2.8100e+01	5.2958e+00
	1237	0.0000e+00	0.0000e+00	0.0000e+00	7.7583e+01	3.3050e+01	-9.9387e+00
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	1.0627e+01	4.4093e+01	2.1326e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	1.0064e+02	1.0118e+01	4.2484e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	1.0698e+02	3.0071e+01	1.9382e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	4.6809e+01	4.1696e+01	-1.7784e+00
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	3.7611e+00	-1.9045e+01	5.5453e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	9.8705e+01	-2.7809e+01	5.3907e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	9.8162e+01	8.2503e+00	3.5441e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	3.1828e+00	3.5940e+01	3.6985e+01
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	3.6460e+00	-1.2588e+02	1.2937e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	1.2320e+02	-7.4894e+01	5.3195e-01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	1.1972e+02	-5.4765e+01	3.5158e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-2.2123e+01	-7.2210e+01	4.7604e+01
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-2.9168e+02	-9.6017e+01	-6.9019e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-4.9867e+01	-9.8313e+01	-5.2803e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-4.2376e+01	-1.6897e+02	-1.3486e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-2.6635e+02	-2.4888e+02	-2.9700e+01
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	-9.8076e+01	6.8812e+01	5.5109e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-6.3321e+01	6.8219e+01	-1.5455e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-9.4208e+01	-3.3478e+01	-8.5651e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-2.1014e+02	1.0451e+02	-1.5090e+01
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	-4.2251e+00	4.6985e+01	5.9267e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.1968e+01	5.2033e+01	3.1181e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-2.3317e+01	3.6433e+01	-6.5868e+00
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-8.2211e+01	6.0610e+01	4.9577e+01
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	4.1459e+01	2.3784e+01	3.1526e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	5.8260e+01	3.3680e+01	3.6325e+00
	1240	0.0000e+00	0.0000e+00	0.0000e+00	3.2351e+01	3.5374e+01	1.0902e+01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	1.1149e+01	3.0913e+01	3.8803e+01
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	5.6719e+01	1.3425e+01	5.1118e+00
	1238	0.0000e+00	0.0000e+00	0.0000e+00	7.5321e+01	2.4053e+01	-3.6765e+00
	1239	0.0000e+00	0.0000e+00	0.0000e+00	6.6547e+01	2.5883e+01	6.9352e+00
	1228	0.0000e+00	0.0000e+00	0.0000e+00	4.7719e+01	1.5616e+01	1.5714e+01
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	4.9559e+01	1.5390e+01	-1.9982e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	6.8777e+01	2.5708e+01	-1.2871e+01

	1238	0.0000e+00	0.0000e+00	0.0000e+00	7.5730e+01	2.3915e+01	-2.1863e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	5.7001e+01	1.3174e+01	-9.2947e+00
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	1.4980e+01	3.0254e+01	-4.3494e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	3.7070e+01	3.4967e+01	-1.7187e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	6.1294e+01	3.3246e+01	-9.6406e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	4.3849e+01	2.3071e+01	-3.5948e+01
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	-7.6605e+01	5.9663e+01	-5.5158e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-1.6337e+01	3.6094e+01	-3.6001e-01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.7365e+01	5.1386e+01	-9.5331e+00
	1225	0.0000e+00	0.0000e+00	0.0000e+00	3.0474e+00	4.5946e+01	-6.4340e+01
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	-2.0105e+02	1.0416e+02	8.2348e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-8.7634e+01	-3.2982e+01	7.7821e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	-5.5741e+01	6.8232e+01	8.6044e+00
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-9.1963e+01	6.7733e+01	-6.0993e+01
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	-2.6990e+02	-2.4751e+02	1.6709e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-3.4926e+01	-1.6912e+02	5.5525e+00
	1234	0.0000e+00	0.0000e+00	0.0000e+00	-4.3120e+01	-9.7408e+01	4.6017e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-2.8426e+02	-9.8902e+01	5.7174e+01
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	-1.4759e+02	4.1928e+02	6.5766e+02
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-6.4266e+02	6.4198e+01	7.5616e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-2.2366e+01	-4.3119e+02	-1.4501e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	-1.9476e+03	-3.5078e+02	4.3704e+02
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	-1.0857e+01	5.3585e+01	2.0321e+02
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-1.1947e+02	1.1776e+02	6.0593e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-4.1375e+02	6.7712e+01	1.4671e+02
	440	0.0000e+00	0.0000e+00	0.0000e+00	-6.0068e+00	-3.8107e+01	2.8932e+02
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	4.3938e+01	9.2586e+00	1.0555e+02
	1229	0.0000e+00	0.0000e+00	0.0000e+00	5.0351e+00	3.5931e+01	6.0145e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	-6.6417e+01	5.7094e+01	1.1216e+02
	439	0.0000e+00	0.0000e+00	0.0000e+00	2.2522e+01	-1.8891e+01	1.5756e+02
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	5.7913e+01	-1.1727e+01	4.5999e+01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	4.7571e+01	1.1989e+01	3.0181e+01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	1.7452e+01	2.6197e+01	6.4626e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	5.6150e+01	-1.8203e+01	8.0444e+01
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	6.2703e+01	-1.9271e+01	5.0857e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	5.9698e+01	4.0459e+00	6.0794e-01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	5.1410e+01	8.7701e+00	2.7046e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	6.1910e+01	-2.0462e+01	3.1535e+01
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	6.3301e+01	-2.1043e+01	-3.3961e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	5.3095e+01	8.3251e+00	-3.0749e+01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	6.0010e+01	3.9081e+00	-4.1945e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	6.2887e+01	-1.9521e+01	-7.4055e+00
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	5.9159e+01	-1.9587e+01	-8.3347e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	2.1025e+01	2.5195e+01	-6.8793e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	4.9881e+01	1.1245e+01	-3.4003e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	5.9671e+01	-1.2806e+01	-4.8557e+01
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	2.6770e+01	-2.0994e+01	-1.6140e+02
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-6.0550e+01	5.5767e+01	-1.1724e+02
	1225	0.0000e+00	0.0000e+00	0.0000e+00	8.8544e+00	3.4561e+01	-6.4617e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	4.7287e+01	7.4681e+00	-1.0877e+02
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	6.4641e+00	-4.0200e+01	-2.9450e+02
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-4.0951e+02	6.6638e+01	-1.5346e+02
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.1292e+02	1.1664e+02	-6.5803e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-6.4704e+00	5.0433e+01	-2.0684e+02
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-1.9888e+03	-3.5711e+02	-4.4871e+02
	1222	0.0000e+00	0.0000e+00	0.0000e+00	2.9967e+01	-4.2564e+02	1.3544e+02
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-6.3638e+02	5.2347e+01	-8.7196e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-1.3909e+02	4.2330e+02	-6.7134e+02
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	6.9290e+02	-3.5418e+01	8.2254e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	5.7655e+02	-1.3426e+02	3.5252e+02
	25	0.0000e+00	0.0000e+00	0.0000e+00	1.3279e+03	3.1722e+01	2.3836e+02
	1212	0.0000e+00	0.0000e+00	0.0000e+00	4.8926e+02	1.5693e+02	-3.1983e+01
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	4.4368e+02	-6.3037e+01	7.3270e+01

	1220	0.0000e+00	0.0000e+00	0.0000e+00	3.7549e+02	2.0606e+01	2.0486e+02
	1221	0.0000e+00	0.0000e+00	0.0000e+00	4.8968e+02	-4.8105e+01	2.3148e+02
	1211	0.0000e+00	0.0000e+00	0.0000e+00	5.9618e+02	-1.7043e+01	9.9886e+01
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	3.3060e+02	-1.4604e+01	6.5973e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.7892e+02	5.4416e+01	1.3148e+02
	1220	0.0000e+00	0.0000e+00	0.0000e+00	3.3271e+02	-1.9168e+01	1.6519e+02
	1210	0.0000e+00	0.0000e+00	0.0000e+00	4.0960e+02	-1.6638e+01	9.9673e+01
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	2.7765e+02	1.1587e+01	4.2377e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	2.3064e+02	6.3987e+01	7.5354e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.5579e+02	1.5555e+01	1.0664e+02
	1209	0.0000e+00	0.0000e+00	0.0000e+00	3.1937e+02	6.2542e+00	7.3647e+01
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	2.5940e+02	2.3083e+01	1.5796e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	2.1216e+02	5.9554e+01	2.6695e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	2.2011e+02	4.2214e+01	5.6044e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	2.7364e+02	2.0743e+01	4.5104e+01
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	2.6931e+02	2.1854e+01	-1.2060e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	2.1836e+02	4.4440e+01	-2.0382e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	2.1163e+02	5.8407e+01	8.9845e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	2.5906e+02	2.3474e+01	1.7299e+01
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.0989e+02	9.4055e+00	-4.0016e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	2.5155e+02	2.0505e+01	-7.0095e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	2.2771e+02	6.2941e+01	-3.9463e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	2.7276e+02	1.3654e+01	-9.4669e+00
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	3.9409e+02	-1.0613e+01	-6.5215e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	3.2541e+02	-9.7308e+00	-1.2711e+02
	1215	0.0000e+00	0.0000e+00	0.0000e+00	2.7315e+02	5.3139e+01	-9.4501e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.2092e+02	-1.0283e+01	-3.2615e+01
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	5.7344e+02	-5.8990e+00	-6.4100e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	4.7834e+02	-3.0482e+01	-1.9100e+02
	1214	0.0000e+00	0.0000e+00	0.0000e+00	3.6605e+02	1.9356e+01	-1.6609e+02
	1204	0.0000e+00	0.0000e+00	0.0000e+00	4.2860e+02	-5.4760e+01	-3.9201e+01
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	4.5205e+02	1.7835e+02	7.0593e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	1.3169e+03	6.0974e+01	-1.9349e+02
	1213	0.0000e+00	0.0000e+00	0.0000e+00	5.6224e+02	-1.3547e+02	-3.1162e+02
	1203	0.0000e+00	0.0000e+00	0.0000e+00	6.7161e+02	-2.0064e+01	-4.7538e+01
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.0624e+02	2.9522e+01	2.4774e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	5.4794e+02	2.8418e+01	1.2347e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	5.6457e+02	8.3689e+01	2.4184e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	4.1538e+02	5.8750e+01	1.1512e+01
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	3.8515e+02	-3.0553e+01	8.8315e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	4.2760e+02	-3.3697e+01	6.1846e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	5.0525e+02	-4.3038e+01	3.2564e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	4.1559e+02	1.1879e+01	-2.1067e+01
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.2833e+02	-1.7841e+01	1.6099e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	3.4270e+02	-1.6009e+01	6.4257e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	4.0828e+02	-2.3269e+01	5.8456e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	3.6062e+02	-9.9666e+00	1.0442e+01
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	2.8722e+02	1.5335e+00	1.6302e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	2.9367e+02	5.8385e+00	4.5025e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	3.2850e+02	1.8024e+00	5.0304e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.1080e+02	-2.3805e+00	2.1562e+01
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	2.6923e+02	8.3497e+00	1.2086e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	2.7424e+02	1.6969e+01	2.2605e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	2.8638e+02	1.5741e+01	3.1353e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	2.7857e+02	7.1414e+00	2.0797e+01
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.7311e+02	8.2959e+00	7.2496e+00
	1206	0.0000e+00	0.0000e+00	0.0000e+00	2.8168e+02	1.6166e+01	1.8126e+00
	1207	0.0000e+00	0.0000e+00	0.0000e+00	2.7343e+02	1.8019e+01	9.4450e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	2.6832e+02	8.9265e+00	1.5796e+01
1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	2.9870e+02	1.7547e+00	6.6809e+00
	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.1795e+02	4.0263e+00	-1.7912e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	2.8733e+02	8.6073e+00	-1.3039e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.7988e+02	1.9789e+00	1.1573e+01

1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	3.4113e+02	-3.6925e+00	1.8070e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	3.9110e+02	-1.8126e+01	-2.5236e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.3044e+02	-1.0882e+01	-3.1553e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.1414e+02	-1.3017e+01	1.1794e+01
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	3.8718e+02	2.3559e+01	4.8775e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	4.7953e+02	-3.3013e+01	1.9201e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	4.0847e+02	-2.4253e+01	-2.7998e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	3.6313e+02	-2.1813e+01	1.8972e+01
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	3.7466e+02	7.7789e+01	1.4000e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	5.2646e+02	1.0281e+02	1.0506e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	5.2001e+02	4.5326e+01	2.3383e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	3.7403e+02	4.4900e+01	2.6876e+01
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	2.7144e+02	2.9615e+00	-1.6989e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	3.8204e+02	1.5954e+01	-1.1439e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	3.8450e+02	3.3292e+01	9.5524e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	2.8046e+02	6.0922e+00	3.9974e+00
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	2.6237e+02	-4.9903e+00	-2.6415e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	3.4926e+02	-1.7431e+01	-1.1302e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	3.6442e+02	-2.2855e+00	-1.8655e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	2.7826e+02	-1.2980e+00	-3.3874e+01
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	2.4468e+02	-1.0113e+00	-1.5291e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	3.0423e+02	-1.0597e+01	7.9793e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	3.3573e+02	-1.8497e+01	-8.3942e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	2.5926e+02	2.6809e+00	-3.0825e+01
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	2.2811e+02	7.0635e+00	2.2816e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	2.7236e+02	1.3770e+00	1.5238e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	2.9523e+02	-8.0993e+00	4.2671e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	2.3810e+02	8.6282e+00	-1.2848e+01
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.1895e+02	1.2296e+01	9.5748e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	2.5847e+02	6.7916e+00	1.6426e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	2.6778e+02	3.4311e+00	8.9458e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	2.2362e+02	1.2731e+01	2.6379e+00
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.1822e+02	1.3731e+01	1.9522e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.6219e+02	4.4839e+00	1.7160e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	2.5754e+02	7.4607e+00	9.6537e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	2.1803e+02	1.2994e+01	1.1981e+01
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	2.2627e+02	1.1621e+01	3.3754e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	2.8286e+02	-4.9912e+00	2.2236e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.6491e+02	3.6419e+00	1.0906e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.2085e+02	9.5471e+00	2.2379e+01
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	2.4068e+02	8.2852e+00	5.1082e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	3.1590e+02	-1.2066e+01	3.3445e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	2.8997e+02	-5.9038e+00	1.8384e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	2.3086e+02	3.9362e+00	3.6005e+01
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	2.5240e+02	9.6937e+00	5.2055e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	3.3563e+02	9.9368e+00	4.2658e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	3.2748e+02	-9.1216e+00	3.6718e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	2.4151e+02	3.1105e+00	4.6113e+01
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	2.4594e+02	1.9369e+01	9.7442e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	3.4509e+02	5.2068e+01	1.1198e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	3.5119e+02	2.9779e+01	3.5361e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	2.4279e+02	1.4816e+01	3.3906e+01
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.3819e+02	-3.3134e+01	-2.9224e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	2.4872e+02	-1.5903e+01	-2.1898e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	2.5209e+02	-1.6434e+01	3.8044e+00
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.4973e+02	-4.9153e+01	-3.9994e+00
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.3263e+02	5.8497e+00	-4.1625e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	2.3032e+02	-6.5334e+00	-3.2190e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	2.3490e+02	-1.1634e+01	-3.5822e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.4725e+02	-1.6732e+01	-4.5263e+01
1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.3915e+02	2.0667e+01	-2.1921e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	2.1243e+02	5.1707e+00	-1.8081e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	2.2181e+02	-4.4135e+00	-3.6473e+01



	1180	0.0000e+00	0.0000e+00	0.0000e+00	1.3768e+02	1.6527e+01	-4.0345e+01
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.4579e+02	2.2930e+01	-3.5035e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	2.0183e+02	1.1505e+01	-2.6335e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	2.1003e+02	4.2764e+00	-1.8814e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.4028e+02	2.6166e+01	-2.0097e+01
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.4649e+02	2.3429e+01	8.7950e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	1.9705e+02	1.3118e+01	1.0362e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	2.0135e+02	1.0540e+01	-3.0470e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.4532e+02	2.5183e+01	-4.2819e+00
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.4074e+02	2.6081e+01	1.9442e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	1.9608e+02	1.1692e+01	2.1958e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	1.9621e+02	1.3675e+01	9.4514e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.4569e+02	2.4097e+01	6.9491e+00
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	1.3040e+02	2.8727e+01	3.5184e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	1.9854e+02	7.4353e+00	3.7925e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	1.9489e+02	1.3796e+01	2.1351e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.3961e+02	2.5201e+01	1.8609e+01
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.2276e+02	2.0890e+01	5.4628e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	2.0396e+02	1.6041e+00	5.4771e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	1.9937e+02	9.5237e+00	3.7171e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	1.2764e+02	2.4706e+01	3.7026e+01
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.2793e+02	-1.0581e+01	5.7468e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	2.1044e+02	-2.6894e+00	5.1904e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	2.1107e+02	1.0493e+00	5.0266e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	1.1602e+02	1.1815e+01	5.5829e+01
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	1.2670e+02	-4.1573e+01	1.1632e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	2.2151e+02	-3.2786e+00	7.7423e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	2.2318e+02	-5.8148e+00	3.7138e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	1.1715e+02	-2.5133e+01	4.1027e+01
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	-2.3811e+01	-7.2828e+01	-4.6717e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	1.1760e+02	-5.5528e+01	-3.3920e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	1.2146e+02	-7.5518e+01	1.2779e+00
	1172	0.0000e+00	0.0000e+00	0.0000e+00	3.4615e+00	-1.2636e+02	-1.2211e+01
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	-3.9296e+00	3.5295e+01	-3.5834e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	9.5421e+01	7.4574e+00	-3.3913e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	9.6389e+01	-2.8547e+01	-5.2545e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	2.6731e+00	-1.9597e+01	-5.4473e+01
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	4.3897e+01	4.1116e+01	3.4091e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.0356e+02	2.9323e+01	-1.7557e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	9.7705e+01	9.3682e+00	-4.0808e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	8.0230e+00	4.3546e+01	-2.0088e+01
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	7.4066e+01	3.2707e+01	1.1728e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.1875e+02	2.7606e+01	-3.4070e+00
	1179	0.0000e+00	0.0000e+00	0.0000e+00	1.1179e+02	2.1618e+01	-1.5231e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	5.1169e+01	4.0378e+01	1.2041e+00
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	8.3666e+01	2.7549e+01	9.7449e+00
	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.2459e+02	2.3821e+01	5.9493e+00
	1178	0.0000e+00	0.0000e+00	0.0000e+00	1.2320e+02	2.2564e+01	1.4256e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	7.7178e+01	3.0508e+01	3.9374e+00
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	7.3587e+01	3.1442e+01	6.9946e+00
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.1884e+02	2.3736e+01	1.4146e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	1.2389e+02	2.4251e+01	8.3199e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	8.3061e+01	2.8134e+01	1.5065e+00
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	4.3571e+01	4.2816e+01	1.1083e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	1.0248e+02	2.4487e+01	2.8966e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.1304e+02	2.9626e+01	1.7073e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	6.9277e+01	3.4803e+01	-1.2922e+00
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	-3.5164e+00	4.7315e+01	3.0460e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	8.3813e+01	1.4031e+01	5.3981e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	9.3046e+01	3.2971e+01	3.1199e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	3.5155e+01	4.4662e+01	7.7056e+00
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	-1.3492e+01	-1.5114e+01	6.4087e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	7.8751e+01	-2.2179e+01	6.4120e+01

	1174	0.0000e+00	0.0000e+00	0.0000e+00	8.0639e+01	1.2661e+01	4.6691e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-1.5301e+01	3.9998e+01	4.6658e+01
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	-1.4839e+01	-1.2230e+02	1.9857e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	1.0227e+02	-6.7849e+01	7.3986e+00
	1173	0.0000e+00	0.0000e+00	0.0000e+00	9.9708e+01	-4.9175e+01	4.4419e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-3.7482e+01	-6.7802e+01	5.6879e+01
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	-2.8559e+02	-9.9252e+01	-5.6714e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-4.4761e+01	-9.7902e+01	-4.5275e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-3.6246e+01	-1.6955e+02	-4.9986e+00
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-2.7096e+02	-2.4783e+02	-1.6385e+01
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	-9.3632e+01	6.7349e+01	6.1702e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-5.7872e+01	6.7729e+01	-7.6527e+00
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-8.9443e+01	-3.3460e+01	-7.6972e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-2.0249e+02	1.0385e+02	-7.6703e+00
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	2.0181e+00	4.5641e+01	6.5279e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	1.4565e+01	5.0962e+01	1.0848e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-1.8507e+01	3.5632e+01	1.7193e+00
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-7.8386e+01	5.9360e+01	5.5953e+01
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	4.1218e+01	2.2993e+01	3.7125e+01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	5.7982e+01	3.3066e+01	1.1238e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	3.4167e+01	3.4631e+01	1.8628e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	1.2610e+01	3.0077e+01	4.4534e+01
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	5.3873e+01	1.3510e+01	1.0707e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	7.1793e+01	2.4200e+01	4.1098e+00
	1168	0.0000e+00	0.0000e+00	0.0000e+00	6.5316e+01	2.5677e+01	1.4602e+01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	4.6795e+01	1.5492e+01	2.1274e+01
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	4.4053e+01	1.6628e+01	-1.4179e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	6.1959e+01	2.6909e+01	-5.0256e+00
	1167	0.0000e+00	0.0000e+00	0.0000e+00	7.1246e+01	2.4563e+01	5.6930e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	5.3446e+01	1.4022e+01	-3.6918e+00
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	6.8191e+00	3.2844e+01	-3.7192e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	2.7081e+01	3.7425e+01	-8.9007e+00
	1166	0.0000e+00	0.0000e+00	0.0000e+00	5.3560e+01	3.5011e+01	-1.7704e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	3.7644e+01	2.5128e+01	-2.9868e+01
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	-8.6782e+01	6.3594e+01	-4.8098e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-2.8633e+01	3.9776e+01	8.4287e+00
	1165	0.0000e+00	0.0000e+00	0.0000e+00	6.5376e+00	5.4396e+01	-1.3029e+00
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-7.4226e+00	4.9292e+01	-5.7580e+01
1440	1153	0.0000e+00	0.0000e+00	0.0000e+00	-2.1243e+02	1.0902e+02	1.6517e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-1.0155e+02	-2.8650e+01	8.6934e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	-6.8749e+01	7.2299e+01	1.7302e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.0254e+02	7.2106e+01	-5.3132e+01
1441	1088	0.0000e+00	0.0000e+00	0.0000e+00	-2.8047e+02	-2.4326e+02	2.6414e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-4.7424e+01	-1.6534e+02	1.4265e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	-5.6742e+01	-9.3340e+01	5.4548e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-2.9577e+02	-9.4935e+01	6.6697e+01
1442	323	0.0000e+00	0.0000e+00	0.0000e+00	-1.3982e+02	4.2310e+02	6.7160e+02
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-6.3760e+02	5.2157e+01	8.7562e+01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	2.8883e+01	-4.2590e+02	-1.3527e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	-1.9895e+03	-3.5699e+02	4.4877e+02
1443	322	0.0000e+00	0.0000e+00	0.0000e+00	-7.0045e+00	5.0252e+01	2.0721e+02
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-1.1443e+02	1.1638e+02	6.6385e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-4.1080e+02	6.6403e+01	1.5395e+02
	323	0.0000e+00	0.0000e+00	0.0000e+00	5.4455e+00	-4.0335e+01	2.9478e+02
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	4.5891e+01	7.3563e+00	1.0933e+02
	1159	0.0000e+00	0.0000e+00	0.0000e+00	6.7425e+00	3.4391e+01	6.5423e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	-6.2148e+01	5.5539e+01	1.1794e+02
	322	0.0000e+00	0.0000e+00	0.0000e+00	2.5561e+01	-2.1091e+01	1.6185e+02
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	5.7949e+01	-1.2591e+01	4.9317e+01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	4.7481e+01	1.1290e+01	3.5045e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	1.8891e+01	2.5098e+01	6.9725e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	5.7688e+01	-1.9519e+01	8.3998e+01
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	6.0789e+01	-1.8901e+01	8.3589e+00

	1157	0.0000e+00	0.0000e+00	0.0000e+00	5.7142e+01	4.2707e+00	5.4881e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	5.0586e+01	8.4821e+00	3.1925e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	6.1486e+01	-2.0675e+01	3.4819e+01
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	5.9380e+01	-1.9233e+01	-3.0440e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	4.8041e+01	9.8869e+00	-2.5608e+01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	5.6726e+01	4.6168e+00	1.0423e+00
	319	0.0000e+00	0.0000e+00	0.0000e+00	6.0500e+01	-1.8433e+01	-4.0720e+00
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	5.3176e+01	-1.6144e+01	-7.9235e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	1.3457e+01	2.8219e+01	-6.3060e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	4.4109e+01	1.3398e+01	-2.8636e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	5.5272e+01	-1.0226e+01	-4.4808e+01
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	1.8560e+01	-1.5826e+01	-1.5627e+02
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-7.0092e+01	6.0162e+01	-1.1055e+02
	1155	0.0000e+00	0.0000e+00	0.0000e+00	1.1560e+00	3.8220e+01	-5.8576e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	4.0828e+01	1.1599e+01	-1.0429e+02
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-4.6880e+00	-3.3494e+01	-2.8767e+02
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-4.2119e+02	7.1805e+01	-1.4519e+02
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-1.2321e+02	1.2179e+02	-5.8663e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.3850e+01	5.6280e+01	-2.0115e+02
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-2.0054e+03	-3.5163e+02	-4.3930e+02
	1088	0.0000e+00	0.0000e+00	0.0000e+00	2.0105e+01	-4.2167e+02	1.4640e+02
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-6.4885e+02	5.7581e+01	-7.8562e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-1.4965e+02	4.3161e+02	-6.6426e+02
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	6.8966e+02	1.1230e+01	5.3473e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	5.8415e+02	-1.4228e+02	3.2377e+02
	24	0.0000e+00	0.0000e+00	0.0000e+00	1.3274e+03	7.5114e+01	2.0868e+02
	1143	0.0000e+00	0.0000e+00	0.0000e+00	4.4436e+02	1.7179e+02	-6.1623e+01
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	4.4645e+02	-4.9786e+01	4.5160e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	3.7746e+02	3.0301e+01	1.8933e+02
	1152	0.0000e+00	0.0000e+00	0.0000e+00	4.9054e+02	-2.8379e+01	2.0730e+02
	1142	0.0000e+00	0.0000e+00	0.0000e+00	5.9897e+02	1.3059e+01	6.3124e+01
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	3.2071e+02	3.4762e+00	4.4878e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	2.7150e+02	7.2706e+01	1.2443e+02
	1151	0.0000e+00	0.0000e+00	0.0000e+00	3.3313e+02	-8.9767e+00	1.5301e+02
	1141	0.0000e+00	0.0000e+00	0.0000e+00	4.0567e+02	2.6845e+00	7.3440e+01
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	2.5292e+02	3.3796e+01	2.7577e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	2.0763e+02	8.9554e+01	7.5656e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	2.4429e+02	2.6106e+01	1.0193e+02
	1140	0.0000e+00	0.0000e+00	0.0000e+00	3.0492e+02	2.4822e+01	5.3824e+01
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	2.1422e+02	5.2252e+01	7.5950e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	1.6730e+02	9.0818e+01	3.6582e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	1.9075e+02	5.7971e+01	5.9847e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	2.4463e+02	4.6017e+01	3.0652e+01
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	1.9444e+02	5.9176e+01	-1.2558e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	1.4245e+02	7.8647e+01	3.6101e+00
	1148	0.0000e+00	0.0000e+00	0.0000e+00	1.5744e+02	8.3844e+01	2.4090e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	2.0803e+02	5.8009e+01	8.7598e+00
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	1.9020e+02	5.4564e+01	-3.0347e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	1.3022e+02	5.3051e+01	-2.7023e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	1.3841e+02	1.0196e+02	-8.0450e+00
	1137	0.0000e+00	0.0000e+00	0.0000e+00	1.8810e+02	5.8980e+01	-1.1356e+01
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	2.0236e+02	3.8302e+01	-4.5283e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	1.3233e+02	1.3801e+01	-5.5793e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	1.3217e+02	1.1036e+02	-3.8071e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	1.8312e+02	4.7383e+01	-2.7578e+01
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	2.4709e+02	1.8311e+01	-5.0628e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	1.5224e+02	-3.5925e+01	-8.3165e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	1.4150e+02	1.0494e+02	-6.8872e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	1.9786e+02	1.9758e+01	-3.6346e+01
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	1.6973e+02	4.4776e+00	-4.3186e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	3.5917e+02	-6.7986e+01	-1.0116e+02
	1144	0.0000e+00	0.0000e+00	0.0000e+00	1.7807e+02	5.2384e+01	-1.1411e+02
	1134	0.0000e+00	0.0000e+00	0.0000e+00	2.4389e+02	8.3708e+00	-5.6134e+01

1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	3.6626e+02	5.4770e+01	-3.0552e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	5.1789e+02	7.8124e+01	-2.1303e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	5.2616e+02	9.5409e+01	-4.2235e+00
	1132	0.0000e+00	0.0000e+00	0.0000e+00	3.7505e+02	8.1640e+01	-1.3455e+01
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.5951e+02	-3.8037e+00	-2.1801e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	4.1341e+02	-5.7581e+00	2.4892e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	4.7760e+02	-2.5790e+01	-4.5358e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	3.8117e+02	3.5775e+01	-5.0969e+01
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	3.0984e+02	4.6723e+00	-1.4974e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	3.2804e+02	7.3488e+00	3.6980e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	3.9346e+02	-1.0912e+01	2.7824e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.3984e+02	1.2266e+01	-2.4077e+01
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	2.6411e+02	2.3059e+01	-1.4356e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	2.6976e+02	3.1109e+01	2.3665e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	3.1152e+02	1.8712e+01	2.6696e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	2.9195e+02	2.0104e+01	-1.1312e+01
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.3372e+02	3.8173e+01	-1.8788e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	2.3282e+02	4.8773e+01	5.7662e+00
	1139	0.0000e+00	0.0000e+00	0.0000e+00	2.5830e+02	4.0655e+01	1.3242e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	2.5237e+02	3.4416e+01	-1.1099e+01
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.1680e+02	4.5078e+01	-2.6049e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	2.1263e+02	5.6703e+01	-1.3458e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	2.2562e+02	5.2651e+01	-4.6286e+00
	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.2717e+02	4.4289e+01	-1.6886e+01
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.1101e+02	4.2930e+01	-3.3114e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.0630e+02	5.3483e+01	-2.9936e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	2.0871e+02	5.3907e+01	-2.1554e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.1446e+02	4.6214e+01	-2.4727e+01
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.1191e+02	3.2134e+01	-3.6754e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	2.1478e+02	3.8195e+01	-4.1859e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.0506e+02	4.3741e+01	-3.7050e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.1219e+02	3.9364e+01	-3.1950e+01
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.2872e+02	1.6712e+01	-3.4241e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	2.2062e+02	1.2674e+01	-4.4171e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	2.1517e+02	2.6911e+01	-4.4288e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.1584e+02	2.3135e+01	-3.4361e+01
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	1.3735e+02	-1.7013e+01	-5.0043e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	3.2434e+02	7.0114e+00	-5.4792e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	2.3087e+02	-3.8593e+00	-5.4976e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.2193e+02	2.0376e+01	-5.0228e+01
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	2.4073e+02	2.0591e+01	-3.7658e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	3.4678e+02	3.9091e+01	-3.6127e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	3.4347e+02	5.5298e+01	-1.1701e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	2.4687e+02	2.0797e+01	-1.3231e+01
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	2.3644e+02	1.5621e+01	-5.3182e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.2412e+02	9.1546e+00	-4.2128e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	3.3374e+02	2.1458e+01	-4.3369e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	2.4720e+02	1.7553e+01	-5.4426e+01
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	2.2366e+02	1.9757e+01	-4.8534e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	2.8391e+02	1.3955e+01	-2.6951e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	3.1167e+02	2.4865e+00	-3.8578e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	2.3572e+02	2.0917e+01	-6.0178e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	2.0784e+02	2.9547e+01	-3.9415e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	2.4928e+02	2.7755e+01	-2.0185e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	2.7425e+02	1.2155e+01	-2.9097e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	2.1839e+02	2.9640e+01	-4.8354e+01
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	1.9523e+02	3.7982e+01	-3.4169e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.2569e+02	3.9151e+01	-2.0902e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	2.4281e+02	2.8211e+01	-2.4861e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	2.0266e+02	3.7992e+01	-3.8145e+01
1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	1.8672e+02	4.2140e+01	-3.3142e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.1232e+02	4.3742e+01	-2.5454e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	2.2163e+02	3.9611e+01	-2.6215e+01

	1116	0.0000e+00	0.0000e+00	0.0000e+00	1.9164e+02	4.2871e+01	-3.3907e+01
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	1.8179e+02	4.0591e+01	-3.3560e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.0689e+02	4.0124e+01	-3.0387e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	2.0990e+02	4.3535e+01	-3.0469e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	1.8466e+02	4.3241e+01	-3.3642e+01
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.7723e+02	3.1306e+01	-3.3663e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.0873e+02	2.8536e+01	-3.3550e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.0578e+02	3.8855e+01	-3.4603e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	1.8040e+02	3.8366e+01	-3.4716e+01
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.8714e+02	1.2918e+01	-3.3993e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	1.9764e+02	9.6823e+00	-3.4573e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.0783e+02	2.8534e+01	-3.4280e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.7589e+02	2.4663e+01	-3.3698e+01
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	7.5244e+01	-3.3124e+01	-5.2712e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	2.9999e+02	-9.8088e+00	-5.0115e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.0343e+02	-7.9335e+00	-5.0978e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.7634e+02	1.7466e+01	-5.3573e+01
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.1704e+02	-2.2253e+01	-4.6776e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	2.2027e+02	-1.7473e+00	-4.1035e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	2.1936e+02	-2.0902e+00	-1.2357e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	1.2853e+02	-4.0669e+01	-1.8097e+01
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.1268e+02	1.5967e+01	-6.6232e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	2.0741e+02	1.0860e+01	-5.8385e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	2.1057e+02	4.4507e+00	-5.4556e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	1.2399e+02	-9.3479e+00	-6.2404e+01
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.1982e+02	3.5009e+01	-5.5098e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	1.9266e+02	2.4931e+01	-5.1941e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	1.9988e+02	1.2124e+01	-6.3925e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	1.1843e+02	2.7984e+01	-6.7084e+01
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.2933e+02	4.1174e+01	-4.1599e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	1.8243e+02	3.5164e+01	-4.1186e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	1.8997e+02	2.2868e+01	-5.3581e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	1.2257e+02	4.3740e+01	-5.3996e+01
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.3488e+02	4.2355e+01	-3.5710e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	1.7636e+02	4.0531e+01	-3.5248e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	1.8206e+02	3.2439e+01	-4.2392e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.3006e+02	4.6119e+01	-4.2857e+01
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.3538e+02	4.2279e+01	-3.5681e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	1.7203e+02	4.1720e+01	-3.3962e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	1.7601e+02	3.8613e+01	-3.7083e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.3460e+02	4.4826e+01	-3.8804e+01
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.3169e+02	4.0098e+01	-3.7449e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	1.6792e+02	3.8156e+01	-3.4397e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	1.7093e+02	4.0653e+01	-3.6233e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.3434e+02	4.2694e+01	-3.9287e+01
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.2341e+02	3.0866e+01	-3.8667e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.6572e+02	2.7992e+01	-3.5023e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	1.6631e+02	3.6593e+01	-3.7121e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.2955e+02	3.8266e+01	-4.0765e+01
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.3226e+02	8.5958e+00	-3.8920e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.4769e+02	6.3065e+00	-3.6647e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.6333e+02	2.6476e+01	-3.6376e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.2083e+02	2.3566e+01	-3.8646e+01
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	7.3386e+00	-4.5248e+01	-5.7479e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	2.6516e+02	-2.0681e+01	-5.4043e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	1.5265e+02	-1.9509e+01	-5.7244e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	1.2028e+02	1.2212e+01	-6.0678e+01
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	-3.5380e+01	-6.8338e+01	-6.4509e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	9.7834e+01	-4.5633e+01	-5.0928e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	1.0031e+02	-6.6793e+01	-1.3578e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-1.2883e+01	-1.2518e+02	-2.7159e+01
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	-2.2560e+01	3.3910e+01	-6.2709e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	7.9257e+01	1.3563e+01	-5.8766e+01

	1109	0.0000e+00	0.0000e+00	0.0000e+00	8.1104e+01	-2.2353e+01	-6.8875e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-1.7156e+01	-2.0772e+01	-7.2818e+01
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	2.3118e+01	5.1676e+01	-2.7683e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	8.4762e+01	4.3055e+01	-4.8660e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	7.9234e+01	1.9082e+01	-6.8336e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-1.0095e+01	5.3164e+01	-4.7355e+01
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	5.9272e+01	4.7938e+01	-1.9071e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.0242e+02	4.7136e+01	-3.8839e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	9.2745e+01	3.6763e+01	-4.8774e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	3.2527e+01	5.7533e+01	-2.8999e+01
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	8.0496e+01	4.0548e+01	-2.3937e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.1538e+02	4.3979e+01	-3.5737e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	1.0910e+02	4.0167e+01	-3.7571e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	6.5038e+01	4.7581e+01	-2.5769e+01
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	8.8073e+01	3.6352e+01	-3.4237e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.2012e+02	4.0690e+01	-3.7776e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	1.1853e+02	3.9929e+01	-3.5659e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	8.3155e+01	3.9677e+01	-3.2120e+01
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	8.4529e+01	3.4874e+01	-4.4516e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.1696e+02	3.6634e+01	-4.1044e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	1.1980e+02	3.9414e+01	-3.8660e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	8.8089e+01	3.6011e+01	-4.2130e+01
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	6.9653e+01	3.0311e+01	-5.0556e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.1106e+02	2.6881e+01	-4.2268e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	1.1386e+02	3.6189e+01	-4.2847e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	8.2092e+01	3.4016e+01	-5.1133e+01
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	7.3847e+01	9.0183e+00	-4.7881e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	8.6521e+01	2.7899e+00	-4.1437e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.0602e+02	2.6456e+01	-4.3305e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	6.6189e+01	2.2775e+01	-4.9746e+01
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	-7.9246e+01	-5.9635e+01	-6.5307e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	2.2036e+02	-3.0497e+01	-6.0610e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	9.2347e+01	-2.9601e+01	-6.4838e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	5.8153e+01	9.1216e+00	-6.9532e+01
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	-2.9657e+02	-1.5161e+02	-7.8007e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-4.6715e+01	-9.5743e+01	-7.0718e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-5.1048e+01	-1.6913e+02	-2.2811e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-2.7881e+02	-2.1729e+02	-3.0099e+01
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	-1.2610e+02	7.1340e+01	2.8245e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-7.7123e+01	6.4230e+01	-3.1072e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-9.5934e+01	-3.4434e+01	-1.0024e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-2.1653e+02	1.0868e+02	-4.0940e+01
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	-2.6019e+01	5.9541e+01	4.7852e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.0936e+01	6.5791e+01	-1.4423e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-4.2941e+01	4.2517e+01	-2.8305e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-1.0861e+02	7.8938e+01	3.3955e+01
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	2.7078e+01	3.7688e+01	2.2145e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	4.2162e+01	5.0636e+01	-1.4285e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	1.1810e+01	4.9529e+01	-7.5067e+00
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-9.7086e+00	4.7722e+01	2.8941e+01
1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	5.3560e+01	2.3470e+01	-5.4222e+00
	1094	0.0000e+00	0.0000e+00	0.0000e+00	7.0303e+01	3.7592e+01	-2.3686e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	5.3971e+01	4.0653e+01	-1.1489e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	3.6181e+01	2.8314e+01	6.8927e+00
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	6.3262e+01	1.7051e+01	-3.1558e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	8.0574e+01	3.1405e+01	-3.7474e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	7.5126e+01	3.3158e+01	-2.4244e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	5.7793e+01	1.8958e+01	-1.8327e+01
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	6.0346e+01	1.6891e+01	-5.5390e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	7.6487e+01	2.9337e+01	-5.1296e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	8.0384e+01	3.0678e+01	-3.9085e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	6.3934e+01	1.6864e+01	-4.3177e+01
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	3.9631e+01	2.0269e+01	-7.4248e+01

	1091	0.0000e+00	0.0000e+00	0.0000e+00	6.3235e+01	2.5152e+01	-5.9873e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	7.1387e+01	3.1054e+01	-5.2555e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	5.7764e+01	2.0222e+01	-6.6928e+01
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	2.5900e+01	2.1554e+01	-7.3631e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	2.2665e+01	3.1382e+00	-5.2411e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	5.1024e+01	3.1359e+01	-5.7521e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	3.5941e+01	2.1127e+01	-7.8740e+01
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	-1.6838e+02	-7.7051e+01	-8.1715e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	1.7170e+02	-4.4515e+01	-6.9036e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	2.6324e+01	-3.3991e+01	-7.8069e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	6.2124e+00	1.8520e+01	-9.0747e+01
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	-1.7653e+02	4.9430e+02	6.7110e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-7.1159e+02	7.0515e+00	7.3953e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	3.5026e+01	-3.9775e+02	-1.4406e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	-2.0231e+03	-4.1164e+02	4.5308e+02
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	-3.9286e+01	7.1985e+01	2.1139e+02
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-1.6804e+02	1.4994e+02	4.8052e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-4.9746e+02	4.7335e+01	1.2649e+02
	215	0.0000e+00	0.0000e+00	0.0000e+00	-1.0802e+01	-4.5032e+01	2.8982e+02
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	3.0080e+01	2.7932e+01	1.1567e+02
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-2.2095e+01	5.2852e+01	5.4223e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	-9.9192e+01	7.1510e+01	1.0789e+02
	214	0.0000e+00	0.0000e+00	0.0000e+00	-6.3346e+00	-2.0119e+01	1.6934e+02
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	5.1329e+01	2.0428e+00	4.8523e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	3.6216e+01	2.5194e+01	2.4554e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	-2.5927e+00	4.2354e+01	6.2024e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	4.5413e+01	-1.3934e+01	8.5996e+01
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	6.0280e+01	-1.1414e+01	5.0989e+00
	1083	0.0000e+00	0.0000e+00	0.0000e+00	5.9630e+01	1.1893e+01	-5.4212e+00
	1084	0.0000e+00	0.0000e+00	0.0000e+00	4.3567e+01	2.1850e+01	2.2321e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	5.7202e+01	-1.5769e+01	3.2699e+01
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	6.4909e+01	-1.6053e+01	-3.0119e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	6.7789e+01	8.0784e+00	-3.4110e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	6.2310e+01	1.0860e+01	-1.0845e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	6.2960e+01	-1.6985e+01	-6.8985e+00
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	6.7915e+01	-1.6816e+01	-6.2939e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	6.4671e+01	1.0190e+01	-6.2129e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	6.7918e+01	7.7503e+00	-3.9786e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	6.6054e+01	-1.5647e+01	-4.0599e+01
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	6.3117e+01	-1.5566e+01	-9.7577e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	5.0941e+01	1.6539e+01	-8.9300e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	6.1610e+01	1.0349e+01	-6.6379e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	6.7488e+01	-9.3895e+00	-7.4656e+01
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	8.4175e+01	-1.1012e+01	-1.2989e+02
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-3.0221e+01	1.3486e+01	-1.0554e+02
	1080	0.0000e+00	0.0000e+00	0.0000e+00	3.7642e+01	2.7559e+01	-8.2367e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	6.2338e+01	3.7803e+00	-1.0671e+02
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-2.9299e+02	-4.6552e+01	-1.5218e+02
	1078	0.0000e+00	0.0000e+00	0.0000e+00	1.5037e+02	-6.2161e+01	-7.3231e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-6.0505e+01	-6.8616e+00	-1.1829e+02
	207	0.0000e+00	0.0000e+00	0.0000e+00	6.3531e+01	7.6512e+01	-1.9724e+02
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	8.8721e+02	5.2000e+01	4.7451e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	3.8482e+02	-4.7011e+02	6.4179e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	2.2717e+03	5.5981e+02	4.3678e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	9.1087e+01	4.8464e+02	-1.5756e+02
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	3.5427e+02	-1.5939e+02	1.2850e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	2.1737e+02	-6.9966e+01	1.8130e+02
	1077	0.0000e+00	0.0000e+00	0.0000e+00	2.0352e+02	7.0179e+01	2.5974e+02
	1071	0.0000e+00	0.0000e+00	0.0000e+00	6.7716e+02	-1.1422e+01	9.1288e+01
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	2.2182e+02	-9.1626e+01	1.3976e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	1.4190e+02	-4.5676e+01	6.9254e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	1.8140e+02	8.2038e+00	1.3221e+02
	1070	0.0000e+00	0.0000e+00	0.0000e+00	2.8368e+02	-8.3090e+01	7.6932e+01

1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	2.0786e+02	-8.4939e+01	-2.8773e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	1.3082e+02	-2.1924e+01	-2.8805e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	1.3078e+02	-2.1929e+01	2.9017e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	2.0784e+02	-8.4959e+01	2.9049e+01
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	2.8375e+02	-8.3054e+01	-7.6681e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	1.8156e+02	8.2433e+00	-1.3202e+02
	1074	0.0000e+00	0.0000e+00	0.0000e+00	1.4198e+02	-4.5638e+01	-6.9046e+01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	2.2185e+02	-9.1622e+01	-1.3708e+01
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	6.7726e+02	-1.1411e+01	-9.1097e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	2.0380e+02	7.0219e+01	-2.5960e+02
	1073	0.0000e+00	0.0000e+00	0.0000e+00	2.1757e+02	-6.9891e+01	-1.8113e+02
	1067	0.0000e+00	0.0000e+00	0.0000e+00	3.5434e+02	-1.5937e+02	-1.2627e+01
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	9.1425e+01	4.8465e+02	1.5778e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	2.2720e+03	5.5954e+02	-4.3664e+02
	1072	0.0000e+00	0.0000e+00	0.0000e+00	3.8510e+02	-4.6997e+02	-6.4169e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	8.8735e+02	5.1931e+01	-4.7269e+01
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	1.9366e+02	1.3687e+02	-8.4043e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	4.5834e+02	2.0628e+02	-1.0493e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	4.2643e+02	2.8891e+02	-4.3128e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	1.8725e+02	2.2360e+02	-2.2252e+01
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	2.5401e+02	-6.1622e+01	-4.2286e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	3.0616e+02	-6.9401e+01	-3.7212e+00
	1071	0.0000e+00	0.0000e+00	0.0000e+00	3.7694e+02	-8.4262e+01	-7.4057e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	2.5399e+02	6.1326e+01	-1.1264e+02
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	2.2162e+02	-9.3581e+01	-1.6808e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	2.3031e+02	-9.1768e+01	2.1606e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	2.9312e+02	-9.6687e+01	2.3454e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	2.2924e+02	-5.2780e+01	-3.6123e+01
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	2.1165e+02	-8.9919e+01	1.8707e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	2.2322e+02	-9.3648e+01	1.8816e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	2.2321e+02	-9.3642e+01	-1.5713e+00
	1063	0.0000e+00	0.0000e+00	0.0000e+00	2.1166e+02	-8.9924e+01	-1.5797e+00
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	2.2920e+02	-5.2790e+01	3.6388e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	2.9316e+02	-9.6690e+01	-2.1324e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	2.3033e+02	-9.1754e+01	-2.1325e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	2.2160e+02	-9.3599e+01	1.7090e+01
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	2.5393e+02	6.1296e+01	1.1286e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	3.7704e+02	-8.4286e+01	7.4273e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	3.0621e+02	-6.9395e+01	3.9767e+00
	1061	0.0000e+00	0.0000e+00	0.0000e+00	2.5397e+02	-6.1662e+01	4.2536e+01
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	1.8718e+02	2.2356e+02	2.2432e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	4.2655e+02	2.8889e+02	4.3318e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	4.5844e+02	2.0623e+02	1.0513e+02
	1060	0.0000e+00	0.0000e+00	0.0000e+00	1.9361e+02	1.3680e+02	8.4240e+01
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	6.4115e+01	8.3668e+01	-4.2083e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	1.8745e+02	1.0615e+02	-6.7643e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	1.5190e+02	1.7575e+02	-2.8174e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	5.3284e+01	1.1217e+02	-2.9041e+00
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	1.0276e+02	-1.2739e+00	-4.1653e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	1.9953e+02	-2.9461e+01	-6.5353e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	1.7295e+02	4.8446e+01	-7.9046e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	8.6186e+01	4.9610e+01	-5.5349e+01
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	1.1913e+02	-5.0949e+01	-1.7975e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	1.8327e+02	-7.6490e+01	-1.7866e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	1.9252e+02	-5.9042e+01	-4.7762e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	1.1015e+02	-1.9449e+01	-4.7872e+01
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.1921e+02	-5.5129e+01	1.4477e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	1.8064e+02	-8.6473e+01	1.4515e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	1.8066e+02	-8.6451e+01	-1.4246e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	1.1924e+02	-5.5123e+01	-1.4285e+01
1540	1055	0.0000e+00	0.0000e+00	0.0000e+00	1.1004e+02	-1.9498e+01	4.8046e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	1.9246e+02	-5.9093e+01	4.8011e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	1.8324e+02	-7.6493e+01	1.8129e+01



	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.1907e+02	-5.0984e+01	1.8164e+01
1541	1054	0.0000e+00	0.0000e+00	0.0000e+00	8.6021e+01	4.9521e+01	5.5481e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	1.7285e+02	4.8359e+01	7.9255e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	1.9945e+02	-2.9493e+01	6.5585e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	1.0263e+02	-1.3480e+00	4.1809e+01
1542	526	0.0000e+00	0.0000e+00	0.0000e+00	5.3175e+01	1.1204e+02	2.8730e+00
	537	0.0000e+00	0.0000e+00	0.0000e+00	1.5175e+02	1.7565e+02	2.8326e+01
	1060	0.0000e+00	0.0000e+00	0.0000e+00	1.8734e+02	1.0609e+02	6.7831e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	6.3985e+01	8.3547e+01	4.2182e+01
1543	1053	0.0000e+00	0.0000e+00	0.0000e+00	-4.2389e+01	4.6039e+01	-1.7536e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	5.0928e+01	6.1376e+01	-3.0864e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	3.3513e+01	8.9928e+01	-8.5294e+00
	622	0.0000e+00	0.0000e+00	0.0000e+00	-4.6099e+01	5.6306e+01	5.4341e+00
1544	1052	0.0000e+00	0.0000e+00	0.0000e+00	2.9164e+01	1.0762e+01	-2.4702e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	7.1901e+01	-3.0175e+00	-4.3840e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	4.8446e+01	4.2213e+01	-4.4836e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	3.4734e+01	3.0805e+01	-2.5716e+01
1545	1051	0.0000e+00	0.0000e+00	0.0000e+00	2.6457e+01	-1.7825e+01	-1.0784e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	8.0727e+01	-4.3195e+01	-2.0658e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	6.9768e+01	-1.9863e+01	-3.9990e+01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	2.6552e+01	-3.4706e+00	-3.0118e+01
1546	1050	0.0000e+00	0.0000e+00	0.0000e+00	2.7059e+01	-2.2725e+01	1.2468e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	7.9912e+01	-4.9878e+01	1.2543e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	7.9936e+01	-4.9842e+01	-1.2407e+01
	1051	0.0000e+00	0.0000e+00	0.0000e+00	2.6924e+01	-2.2704e+01	-1.2488e+01
1547	1049	0.0000e+00	0.0000e+00	0.0000e+00	2.7181e+01	-3.5732e+00	3.0075e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	6.9694e+01	-1.9955e+01	4.0107e+01
	1056	0.0000e+00	0.0000e+00	0.0000e+00	8.0683e+01	-4.3213e+01	2.0795e+01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	2.6724e+01	-1.7879e+01	1.0765e+01
1548	1048	0.0000e+00	0.0000e+00	0.0000e+00	3.5860e+01	3.0643e+01	2.5606e+01
	1054	0.0000e+00	0.0000e+00	0.0000e+00	4.8427e+01	4.2064e+01	4.4904e+01
	1055	0.0000e+00	0.0000e+00	0.0000e+00	7.1803e+01	-3.1010e+00	4.3943e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	2.9981e+01	1.0645e+01	2.4636e+01
1549	515	0.0000e+00	0.0000e+00	0.0000e+00	-4.7570e+01	5.6068e+01	-5.3950e+00
	526	0.0000e+00	0.0000e+00	0.0000e+00	3.3709e+01	8.9723e+01	8.4772e+00
	1054	0.0000e+00	0.0000e+00	0.0000e+00	5.0877e+01	6.1250e+01	3.0905e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-4.3600e+01	4.5842e+01	1.7377e+01
1550	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.1962e+02	2.1911e+01	-6.8648e+00
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-5.7497e+01	3.0884e+01	-1.1309e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	-6.5305e+01	4.3374e+01	3.2411e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.1905e+02	2.3655e+01	7.4330e+00
1551	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.1319e+02	1.1196e+01	-1.4081e+01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-4.7389e+01	3.2735e+00	-2.2745e+01
	1053	0.0000e+00	0.0000e+00	0.0000e+00	-5.8706e+01	2.5342e+01	-2.1997e+01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.1533e+02	1.5757e+01	-1.3395e+01
1552	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.0692e+02	-2.0446e+00	-6.4932e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-4.1769e+01	-1.7797e+01	-1.2353e+01
	1052	0.0000e+00	0.0000e+00	0.0000e+00	-4.8553e+01	-3.2475e+00	-2.4215e+01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.0858e+02	4.8994e+00	-1.8352e+01
1553	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.0532e+02	-2.8031e+00	8.2361e+00
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-4.2406e+01	-2.0350e+01	8.3454e+00
	1051	0.0000e+00	0.0000e+00	0.0000e+00	-4.2226e+01	-2.0299e+01	-8.4706e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.0514e+02	-2.7607e+00	-8.6032e+00
1554	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.0927e+02	4.7962e+00	1.7946e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-4.9221e+01	-3.3780e+00	2.4067e+01
	1050	0.0000e+00	0.0000e+00	0.0000e+00	-4.2111e+01	-1.7836e+01	1.2246e+01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.0726e+02	-2.0580e+00	6.1405e+00
1555	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.1652e+02	1.5510e+01	1.2839e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-5.9797e+01	2.5113e+01	2.1767e+01
	1049	0.0000e+00	0.0000e+00	0.0000e+00	-4.8217e+01	3.1901e+00	2.2585e+01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.1403e+02	1.1031e+01	1.3639e+01
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.2074e+02	2.3283e+01	-7.5628e+00
	515	0.0000e+00	0.0000e+00	0.0000e+00	-6.6808e+01	4.3051e+01	-2.9408e+00

	1048	0.0000e+00	0.0000e+00	0.0000e+00	-5.8738e+01	3.0677e+01	1.1017e+01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.2096e+02	2.1622e+01	6.1352e+00
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	-1.9772e+02	5.4625e+00	-7.2479e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.3712e+02	1.0386e+01	-5.1850e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.3875e+02	1.4460e+01	5.9271e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	-1.9223e+02	-3.6677e+00	5.0323e+00
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	-2.0106e+02	1.0419e+01	-1.3590e+01
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.3575e+02	3.8915e+00	-1.3147e+01
	1047	0.0000e+00	0.0000e+00	0.0000e+00	-1.3961e+02	1.1136e+01	-1.3140e+01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-1.9629e+02	5.2672e+00	-1.3596e+01
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	-2.0168e+02	1.3362e+01	-6.8286e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.3502e+02	-2.5087e+00	-7.0663e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	-1.3810e+02	4.1172e+00	-1.6631e+01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-1.9895e+02	9.9214e+00	-1.6387e+01
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	-2.0100e+02	1.3073e+01	6.3935e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.3615e+02	-2.4958e+00	6.5202e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-1.3597e+02	-2.4576e+00	-7.0269e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-2.0081e+02	1.3130e+01	-7.2155e+00
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	-1.9973e+02	9.7385e+00	1.5509e+01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.3881e+02	3.9581e+00	1.6073e+01
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-1.3537e+02	-2.6051e+00	6.5828e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-2.0207e+02	1.3277e+01	6.0641e+00
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.9768e+02	-5.0750e+00	1.2477e+01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.4085e+02	1.0818e+01	1.2397e+01
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-1.3663e+02	3.7944e+00	1.2564e+01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-2.0204e+02	1.0210e+01	1.2665e+01
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	-1.9424e+02	-3.7180e+00	-4.5432e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.4054e+02	1.3992e+01	-5.8945e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.3853e+02	1.0095e+01	4.1694e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.9931e+02	-5.2357e+00	5.8140e+00
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	-2.8106e+02	-1.3443e+01	-1.6500e+01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-2.1601e+02	-7.6550e+00	-8.8392e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	-2.1249e+02	-9.6319e+00	4.8852e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	-2.7030e+02	-2.4320e+01	-8.5761e+00
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	-2.9100e+02	1.2455e+01	-2.1492e+01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-2.2412e+02	4.6233e+00	-1.3937e+01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	-2.2109e+02	-3.6762e+00	-1.5898e+01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-2.8031e+02	-7.4225e+00	-2.3401e+01
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	-2.9452e+02	2.6939e+01	-1.0093e+01
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-2.2962e+02	1.1483e+01	-6.6507e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	-2.2816e+02	8.8233e+00	-1.8151e+01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-2.8967e+02	1.8306e+01	-2.1621e+01
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	-2.9419e+02	2.9179e+01	6.9263e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-2.3124e+02	1.3053e+01	7.0495e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-2.3103e+02	1.3140e+01	-7.9812e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-2.9399e+02	2.9273e+01	-8.2049e+00
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	-2.9052e+02	1.8018e+01	2.0270e+01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-2.2897e+02	8.5931e+00	1.7118e+01
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-2.3000e+02	1.1412e+01	5.6970e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-2.9494e+02	2.6815e+01	8.8907e+00
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	-2.8183e+02	-7.9791e+00	2.1795e+01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-2.2252e+02	-3.8888e+00	1.4594e+01
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-2.2512e+02	-4.5543e+00	1.2846e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-2.9206e+02	1.2188e+01	2.0096e+01
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	-2.7251e+02	-2.5094e+01	5.9028e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	-2.1457e+02	-1.0213e+01	-3.6719e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-2.1764e+02	-8.1282e+00	7.2884e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-2.8280e+02	-1.4089e+01	1.4664e+01
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	-3.7838e+02	-3.1024e+01	-3.3605e+01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-2.9930e+02	-2.4546e+01	-2.0678e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	-2.9149e+02	-3.5278e+01	-9.9743e+00
	578	0.0000e+00	0.0000e+00	0.0000e+00	-3.6250e+02	-5.6380e+01	-2.1872e+01
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	-3.8354e+02	2.2613e+01	-3.0422e+01

	1034	0.0000e+00	0.0000e+00	0.0000e+00	-3.1609e+02	9.8526e+00	-2.0873e+01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	-3.0876e+02	-1.1825e+01	-2.8726e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-3.7356e+02	-1.0158e+01	-3.8257e+01
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	-3.7667e+02	4.2989e+01	-9.4380e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-3.2337e+02	2.8706e+01	-9.4368e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-3.1980e+02	1.6799e+01	-2.4871e+01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-3.8023e+02	3.6106e+01	-2.4898e+01
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	-3.7563e+02	4.7368e+01	7.2651e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-3.2395e+02	3.0302e+01	7.3570e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-3.2374e+02	3.0410e+01	-8.6827e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-3.7544e+02	4.7520e+01	-8.9118e+00
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	-3.8102e+02	3.5656e+01	2.3125e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-3.2064e+02	1.6481e+01	2.3376e+01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-3.2377e+02	2.8571e+01	7.9929e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-3.7707e+02	4.2820e+01	7.8847e+00
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	-3.7501e+02	-1.0994e+01	3.6188e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-3.1025e+02	-1.2494e+01	2.6941e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-3.1713e+02	9.6335e+00	1.9286e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-3.8454e+02	2.2202e+01	2.8583e+01
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	-3.6461e+02	-5.7498e+01	1.8996e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-2.9371e+02	-3.6154e+01	7.0179e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-3.0103e+02	-2.5252e+01	1.8729e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-3.8005e+02	-3.1934e+01	3.1334e+01
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	-5.1827e+02	-6.3615e+01	-4.5098e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-3.9366e+02	-4.2323e+01	-3.8054e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	-3.8763e+02	-7.5687e+01	-2.5270e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-5.1144e+02	-8.5141e+01	-3.1979e+01
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	-4.5168e+02	3.6747e+01	-2.1635e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-4.1407e+02	3.5027e+01	-2.1855e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-4.1409e+02	-1.7147e+01	-5.0976e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-4.8793e+02	4.7481e+01	-3.1216e+01
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	-4.1187e+02	4.9525e+01	9.7425e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-4.0109e+02	5.0630e+01	-9.5828e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-4.0489e+02	3.1892e+01	-1.9809e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-4.4288e+02	5.5395e+01	-9.6408e-01
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	-4.0858e+02	5.0881e+01	2.9293e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-3.9661e+02	4.8224e+01	2.6915e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-3.9641e+02	4.8362e+01	-2.5522e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-4.0845e+02	5.0979e+01	-2.8161e+00
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	-4.4347e+02	5.4852e+01	4.3365e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-4.0564e+02	3.1441e+01	1.8047e+01
	1026	0.0000e+00	0.0000e+00	0.0000e+00	-4.0143e+02	5.0416e+01	7.7323e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-4.1220e+02	4.9180e+01	-1.2232e+01
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	-4.8900e+02	4.6585e+01	2.8898e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-4.1542e+02	-1.8119e+01	4.8782e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	-4.1498e+02	3.4520e+01	1.9871e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-4.5246e+02	3.6073e+01	3.8618e+00
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	-5.1300e+02	-8.6643e+01	2.8647e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-3.8968e+02	-7.6894e+01	2.2129e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	-3.9522e+02	-4.3332e+01	3.5694e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-5.1952e+02	-6.4944e+01	4.2474e+01
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	-5.5517e+02	1.7645e+02	2.4798e+02
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-6.7519e+02	-1.5724e+01	1.9808e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-4.2058e+02	-1.5446e+02	-8.4018e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.2318e+03	-1.1456e+02	1.4530e+02
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	-3.9351e+02	3.4198e+01	1.1530e+02
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-4.8091e+02	7.9953e+01	8.7814e+00
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-5.9123e+02	1.4616e+01	3.0169e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	-4.7947e+02	-3.1496e+01	1.3695e+02
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	-3.3478e+02	1.2735e+01	4.3397e+01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-4.0413e+02	5.4182e+01	4.5851e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-4.4532e+02	4.5257e+01	3.7594e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	-3.6637e+02	2.0007e+01	7.7185e+01

1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	-3.2711e+02	8.1801e+00	-1.8884e+01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-3.9617e+02	4.6547e+01	-1.8809e+01
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-3.9618e+02	4.6670e+01	1.6090e+01
	1019	0.0000e+00	0.0000e+00	0.0000e+00	-3.2699e+02	9.5885e+00	1.6049e+01
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	-3.6673e+02	1.9247e+01	-8.0067e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-4.4568e+02	4.4689e+01	-4.0300e+01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-4.0451e+02	5.3827e+01	-6.6000e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-3.3491e+02	1.3678e+01	-4.6207e+01
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	-4.8001e+02	-3.2371e+01	-1.3994e+02
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-5.9191e+02	-1.4425e+01	-3.2882e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-4.8163e+02	7.9141e+01	-1.1173e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-3.9386e+02	3.4532e+01	-1.1815e+02
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.2320e+03	-1.1820e+02	-1.4848e+02
	460	0.0000e+00	0.0000e+00	0.0000e+00	-4.2204e+02	-1.5601e+02	8.0601e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	-6.7620e+02	-1.6692e+01	-2.1895e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-5.5565e+02	1.7607e+02	-2.5087e+02
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	8.8732e+02	5.2040e+01	4.7280e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	3.8517e+02	-4.6994e+02	6.4166e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	2.2720e+03	5.5985e+02	4.3671e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	9.1337e+01	4.8468e+02	-1.5768e+02
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.5435e+02	-1.5934e+02	1.2619e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	2.1759e+02	-6.9866e+01	1.8113e+02
	1011	0.0000e+00	0.0000e+00	0.0000e+00	2.0384e+02	7.0277e+01	2.5960e+02
	1005	0.0000e+00	0.0000e+00	0.0000e+00	6.7726e+02	-1.1345e+01	9.1084e+01
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.2184e+02	-9.1614e+01	1.3700e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	1.4198e+02	-4.5629e+01	6.9045e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	1.8158e+02	8.2659e+00	1.3202e+02
	1004	0.0000e+00	0.0000e+00	0.0000e+00	2.8375e+02	-8.3027e+01	7.6671e+01
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.0783e+02	-8.4966e+01	-2.9058e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	1.3077e+02	-2.1934e+01	-2.9019e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	1.3082e+02	-2.1918e+01	2.8804e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.0785e+02	-8.4931e+01	2.8765e+01
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	2.8366e+02	-8.3117e+01	-7.6941e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	1.8137e+02	8.1800e+00	-1.3221e+02
	1008	0.0000e+00	0.0000e+00	0.0000e+00	1.4187e+02	-4.5684e+01	-6.9255e+01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.2180e+02	-9.1633e+01	-1.3985e+01
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	6.7715e+02	-1.1486e+01	-9.1299e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	2.0347e+02	7.0121e+01	-2.5974e+02
	1007	0.0000e+00	0.0000e+00	0.0000e+00	2.1733e+02	-6.9991e+01	-1.8130e+02
	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.5425e+02	-1.5942e+02	-1.2857e+01
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	9.1108e+01	4.8461e+02	1.5767e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	2.2717e+03	5.5949e+02	-4.3671e+02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	3.8474e+02	-4.7014e+02	-6.4182e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	8.8723e+02	5.1890e+01	-4.7439e+01
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	1.9356e+02	1.3683e+02	-8.4229e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	4.5842e+02	2.0630e+02	-1.0511e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	4.2655e+02	2.8890e+02	-4.3271e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.8714e+02	2.2357e+02	-2.2399e+01
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	2.5393e+02	-6.1634e+01	-4.2539e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	3.0621e+02	-6.9359e+01	-3.9897e+00
	1005	0.0000e+00	0.0000e+00	0.0000e+00	3.7701e+02	-8.4237e+01	-7.4273e+01
	999	0.0000e+00	0.0000e+00	0.0000e+00	2.5390e+02	6.1322e+01	-1.1285e+02
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	2.2156e+02	-9.3589e+01	-1.7099e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.3032e+02	-9.1742e+01	2.1313e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	2.9315e+02	-9.6668e+01	2.1199e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	2.2917e+02	-5.2768e+01	-3.6395e+01
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	2.1163e+02	-8.9930e+01	1.5674e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.2319e+02	-9.3646e+01	1.5568e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	2.2320e+02	-9.3644e+01	-1.8953e+00
	997	0.0000e+00	0.0000e+00	0.0000e+00	2.1162e+02	-8.9912e+01	-1.8797e+00
1603	995	0.0000e+00	0.0000e+00	0.0000e+00	2.2921e+02	-5.2801e+01	3.6115e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	2.9310e+02	-9.6708e+01	-2.3436e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	2.3029e+02	-9.1780e+01	-2.1618e+01

	996	0.0000e+00	0.0000e+00	0.0000e+00	2.2159e+02	-9.3591e+01	1.6799e+01
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	2.5397e+02	6.1299e+01	1.1265e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	3.7694e+02	-8.4311e+01	7.4056e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	3.0614e+02	-6.9436e+01	3.7015e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	2.5400e+02	-6.1649e+01	4.2283e+01
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	1.8722e+02	2.2360e+02	2.2282e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	4.2641e+02	2.8890e+02	4.3174e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	4.5834e+02	2.0621e+02	1.0495e+02
	994	0.0000e+00	0.0000e+00	0.0000e+00	1.9364e+02	1.3684e+02	8.4053e+01
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	6.3782e+01	8.3554e+01	-4.2171e+01
	999	0.0000e+00	0.0000e+00	0.0000e+00	1.8729e+02	1.0611e+02	-6.7813e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.5170e+02	1.7565e+02	-2.8300e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	5.2948e+01	1.1204e+02	-2.8305e+00
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	1.0249e+02	-1.2907e+00	-4.1809e+01
	998	0.0000e+00	0.0000e+00	0.0000e+00	1.9941e+02	-2.9472e+01	-6.5585e+01
	999	0.0000e+00	0.0000e+00	0.0000e+00	1.7280e+02	4.8383e+01	-7.9246e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	8.5865e+01	4.9531e+01	-5.5470e+01
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	1.1895e+02	-5.0976e+01	-1.8169e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	1.8320e+02	-7.6484e+01	-1.8138e+01
	998	0.0000e+00	0.0000e+00	0.0000e+00	1.9241e+02	-5.9075e+01	-4.8015e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	1.0991e+02	-1.9484e+01	-4.8046e+01
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	1.1912e+02	-5.5125e+01	1.4280e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	1.8061e+02	-8.6456e+01	1.4236e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	1.8059e+02	-8.6468e+01	-1.4524e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	1.1909e+02	-5.5125e+01	-1.4482e+01
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	1.1001e+02	-1.9459e+01	4.7871e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	1.9248e+02	-5.9061e+01	4.7757e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	1.8323e+02	-7.6499e+01	1.7857e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	1.1901e+02	-5.0955e+01	1.7970e+01
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	8.6007e+01	4.9599e+01	5.5358e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	1.7291e+02	4.8422e+01	7.9054e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	1.9948e+02	-2.9481e+01	6.5352e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	1.0262e+02	-1.2767e+00	4.1654e+01
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	5.2975e+01	1.1218e+02	2.9266e+00
	304	0.0000e+00	0.0000e+00	0.0000e+00	1.5183e+02	1.7575e+02	2.8198e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	1.8741e+02	1.0613e+02	6.7661e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	6.3866e+01	8.3660e+01	4.2093e+01
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	-4.3027e+01	4.5841e+01	-1.7366e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	5.0567e+01	6.1255e+01	-3.0893e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	3.3273e+01	8.9719e+01	-8.4506e+00
	388	0.0000e+00	0.0000e+00	0.0000e+00	-4.7067e+01	5.6063e+01	5.3657e+00
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	2.9095e+01	1.0640e+01	-2.4634e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	7.1569e+01	-3.0786e+00	-4.3940e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	4.8094e+01	4.2071e+01	-4.4896e+01
	987	0.0000e+00	0.0000e+00	0.0000e+00	3.5148e+01	3.0642e+01	-2.5596e+01
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	2.5681e+01	-1.7871e+01	-1.0769e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	8.0466e+01	-4.3207e+01	-2.0799e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	6.9449e+01	-1.9944e+01	-4.0107e+01
	986	0.0000e+00	0.0000e+00	0.0000e+00	2.6184e+01	-3.5396e+00	-3.0073e+01
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	2.5847e+01	-2.2703e+01	1.2489e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	7.9711e+01	-4.9845e+01	1.2404e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	7.9690e+01	-4.9875e+01	-1.2548e+01
	985	0.0000e+00	0.0000e+00	0.0000e+00	2.6015e+01	-2.2721e+01	-1.2471e+01
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	2.5416e+01	-3.4679e+00	3.0121e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	6.9502e+01	-1.9873e+01	3.9989e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	8.0501e+01	-4.3199e+01	2.0654e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	2.5347e+01	-1.7826e+01	1.0786e+01
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	3.3846e+01	3.0802e+01	2.5726e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	4.8045e+01	4.2204e+01	4.4843e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	7.1639e+01	-3.0284e+00	4.3842e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	2.8122e+01	1.0756e+01	2.4707e+01
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	-4.5424e+01	5.6310e+01	-5.4591e+00
	294	0.0000e+00	0.0000e+00	0.0000e+00	3.2911e+01	8.9932e+01	8.5491e+00

	988	0.0000e+00	0.0000e+00	0.0000e+00	5.0543e+01	6.1370e+01	3.0876e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-4.1659e+01	4.6038e+01	1.7549e+01
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.2060e+02	2.1609e+01	-6.1045e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	-5.8229e+01	3.0675e+01	-1.1003e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-6.6381e+01	4.3045e+01	2.8519e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.2039e+02	2.3268e+01	7.5118e+00
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.1364e+02	1.1015e+01	-1.3638e+01
	986	0.0000e+00	0.0000e+00	0.0000e+00	-4.7565e+01	3.1677e+00	-2.2582e+01
	987	0.0000e+00	0.0000e+00	0.0000e+00	-5.9289e+01	2.5111e+01	-2.1756e+01
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.1614e+02	1.5493e+01	-1.2823e+01
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.0682e+02	-2.0005e+00	-6.1540e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	-4.1334e+01	-1.7831e+01	-1.2251e+01
	986	0.0000e+00	0.0000e+00	0.0000e+00	-4.8576e+01	-3.3519e+00	-2.4065e+01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.0885e+02	4.7602e+00	-1.7943e+01
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.0468e+02	-2.7361e+00	8.6187e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	-4.1421e+01	-2.0300e+01	8.4775e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	-4.1626e+01	-2.0346e+01	-8.3489e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.0487e+02	-2.7657e+00	-8.2437e+00
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.0812e+02	4.8905e+00	1.8364e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	-4.7828e+01	-3.2523e+00	2.4220e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	-4.0945e+01	-1.7798e+01	1.2357e+01
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.0646e+02	-2.0150e+00	6.5119e+00
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.1488e+02	1.5758e+01	1.3422e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-5.8090e+01	2.5341e+01	2.2009e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	-4.6637e+01	3.2710e+00	2.2751e+01
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.1274e+02	1.1193e+01	1.4098e+01
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.1861e+02	2.3664e+01	-7.4933e+00
	284	0.0000e+00	0.0000e+00	0.0000e+00	-6.4749e+01	4.3380e+01	-3.3157e+00
	982	0.0000e+00	0.0000e+00	0.0000e+00	-5.6863e+01	3.0885e+01	1.1331e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.1918e+02	2.1914e+01	6.9200e+00
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	-1.9898e+02	5.1255e+00	-5.7693e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.3816e+02	1.0069e+01	-4.1256e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.4019e+02	1.3970e+01	5.8052e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.9391e+02	-3.5481e+00	4.3852e+00
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.0171e+02	1.0179e+01	-1.2671e+01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.3625e+02	3.7503e+00	-1.2563e+01
	981	0.0000e+00	0.0000e+00	0.0000e+00	-1.4049e+02	1.0797e+01	-1.2379e+01
	975	0.0000e+00	0.0000e+00	0.0000e+00	-1.9734e+02	-4.9684e+00	-1.2462e+01
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.0172e+02	1.3267e+01	-6.1000e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.3497e+02	-2.5739e+00	-6.5994e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	-1.3843e+02	3.9236e+00	-1.6072e+01
	974	0.0000e+00	0.0000e+00	0.0000e+00	-1.9939e+02	9.7108e+00	-1.5513e+01
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.0045e+02	1.3126e+01	7.2570e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.3557e+02	-2.4475e+00	7.0520e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-1.3576e+02	-2.4680e+00	-6.5345e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.0066e+02	1.3065e+01	-6.4222e+00
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	-1.9857e+02	9.9173e+00	1.6413e+01
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.3769e+02	4.1182e+00	1.6648e+01
	978	0.0000e+00	0.0000e+00	0.0000e+00	-1.3461e+02	-2.4971e+00	7.0899e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.0132e+02	1.3358e+01	6.8682e+00
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.9589e+02	5.2676e+00	1.3645e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.3919e+02	1.1142e+01	1.3174e+01
	977	0.0000e+00	0.0000e+00	0.0000e+00	-1.3532e+02	3.8906e+00	1.3170e+01
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.0069e+02	1.0416e+01	1.3623e+01
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	-1.9182e+02	-3.7136e+00	-5.2198e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.3832e+02	1.4476e+01	-6.0288e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.3668e+02	1.0394e+01	5.2743e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.9733e+02	5.4679e+00	7.3497e+00
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	-2.8251e+02	-1.4000e+01	-1.4651e+01
	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.1731e+02	-8.0510e+00	-7.2589e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.1424e+02	-1.0148e+01	3.4162e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	-2.7221e+02	-2.5034e+01	-5.7324e+00
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	-2.9178e+02	1.2150e+01	-2.0114e+01

	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.2479e+02	-4.4801e+00	-1.2855e+01
	975	0.0000e+00	0.0000e+00	0.0000e+00	-2.2219e+02	-3.7486e+00	-1.4582e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-2.8153e+02	-7.8409e+00	-2.1797e+01
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	-2.9466e+02	2.6813e+01	-8.9465e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.2968e+02	1.1404e+01	-5.7422e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	-2.2865e+02	8.5663e+00	-1.7127e+01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-2.9023e+02	1.8001e+01	-2.0288e+01
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	-2.9369e+02	2.9274e+01	8.2695e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.3070e+02	1.3139e+01	8.0238e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-2.3091e+02	1.3048e+01	-7.0887e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-2.9391e+02	2.9179e+01	-6.9902e+00
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	-2.8936e+02	1.8306e+01	2.1650e+01
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.2781e+02	8.8255e+00	1.8178e+01
	972	0.0000e+00	0.0000e+00	0.0000e+00	-2.2928e+02	1.1481e+01	6.7052e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-2.9422e+02	2.6939e+01	1.0139e+01
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	-2.7997e+02	-7.4071e+00	2.3444e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.2072e+02	-3.6910e+00	1.5948e+01
	971	0.0000e+00	0.0000e+00	0.0000e+00	-2.2376e+02	4.6195e+00	1.3976e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-2.9069e+02	1.2452e+01	2.1522e+01
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.6994e+02	-2.4316e+01	8.7639e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.1208e+02	-9.6501e+00	-5.1224e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-2.1562e+02	-7.6573e+00	8.9369e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-2.8072e+02	-1.3430e+01	1.6572e+01
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	-3.7985e+02	-3.1841e+01	-3.1346e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-3.0074e+02	-2.5185e+01	-1.8728e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	-2.9342e+02	-3.6102e+01	-6.8340e+00
	344	0.0000e+00	0.0000e+00	0.0000e+00	-3.6440e+02	-5.7423e+01	-1.8947e+01
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	-3.8435e+02	2.2183e+01	-2.8616e+01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-3.1686e+02	9.5739e+00	-1.9309e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	-3.0998e+02	-1.2396e+01	-2.6949e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-3.7480e+02	-1.0794e+01	-3.6209e+01
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	-3.7687e+02	4.2824e+01	-7.9996e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.2351e+02	2.8570e+01	-8.0598e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	-3.2038e+02	1.6463e+01	-2.3400e+01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-3.8082e+02	3.5652e+01	-2.3164e+01
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	-3.7523e+02	4.7522e+01	8.9999e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	-3.2348e+02	3.0412e+01	8.7447e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-3.2370e+02	3.0302e+01	-7.4414e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-3.7543e+02	4.7371e+01	-7.3837e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	-3.8001e+02	3.6108e+01	2.4924e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-3.1952e+02	1.6802e+01	2.4895e+01
	966	0.0000e+00	0.0000e+00	0.0000e+00	-3.2310e+02	2.8707e+01	9.5045e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	-3.7645e+02	4.2991e+01	9.5126e+00
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	-3.7332e+02	-1.0116e+01	3.8281e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-3.0844e+02	-1.1815e+01	2.8763e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	-3.1579e+02	9.8473e+00	2.0910e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	-3.8331e+02	2.2614e+01	3.0441e+01
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	-3.6223e+02	-5.6354e+01	2.1975e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.9114e+02	-3.5271e+01	1.0165e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-2.9896e+02	-2.4531e+01	2.0740e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-3.7814e+02	-3.0995e+01	3.3646e+01
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	-5.1945e+02	-6.4809e+01	-4.2510e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-3.9503e+02	-4.3225e+01	-3.5715e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-3.8949e+02	-7.6814e+01	-2.2069e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-5.1292e+02	-8.6498e+01	-2.8634e+01
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	-4.5238e+02	3.6059e+01	-4.2188e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-4.1482e+02	3.4507e+01	-1.9920e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-4.1526e+02	-1.7972e+01	-4.8807e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-4.8892e+02	4.6561e+01	-2.8951e+01
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	-4.1210e+02	4.9188e+01	1.2340e+01
	961	0.0000e+00	0.0000e+00	0.0000e+00	-4.0127e+02	5.0420e+01	-7.8528e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-4.0548e+02	3.1435e+01	-1.8112e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	-4.4338e+02	5.4859e+01	-4.6749e+00

1651	950	0.0000e+00	0.0000e+00	0.0000e+00	-4.0835e+02	5.0980e+01	3.1369e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	-3.9624e+02	4.8364e+01	2.8210e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-3.9644e+02	4.8228e+01	-3.0823e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-4.0848e+02	5.0883e+01	-3.3761e+00
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	-4.4278e+02	5.5396e+01	1.3497e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	-4.0470e+02	3.1894e+01	1.9831e+01
	960	0.0000e+00	0.0000e+00	0.0000e+00	-4.0091e+02	5.0632e+01	9.6825e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	-4.1176e+02	4.9524e+01	-9.8477e+00
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	-4.8782e+02	4.7478e+01	3.1221e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-4.1389e+02	-1.7109e+01	5.0985e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	-4.1388e+02	3.5025e+01	2.1893e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-4.5158e+02	3.6742e+01	2.4072e+00
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	-5.1134e+02	-8.5053e+01	3.2059e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-3.8740e+02	-7.5649e+01	2.5370e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	-3.9344e+02	-4.2279e+01	3.8087e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	-5.1818e+02	-6.3558e+01	4.5113e+01
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	-5.5564e+02	1.7600e+02	2.5086e+02
	956	0.0000e+00	0.0000e+00	0.0000e+00	-6.7619e+02	-1.6119e+01	2.1837e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-4.2190e+02	-1.5588e+02	-8.0620e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2320e+03	-1.1728e+02	1.4846e+02
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	-3.9385e+02	3.4257e+01	1.1816e+02
	954	0.0000e+00	0.0000e+00	0.0000e+00	-4.8159e+02	7.9144e+01	1.1249e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-5.9188e+02	-1.4196e+01	3.2890e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	-4.8000e+02	-3.1258e+01	1.3994e+02
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	-3.3491e+02	1.3275e+01	4.6244e+01
	952	0.0000e+00	0.0000e+00	0.0000e+00	-4.0445e+02	5.3834e+01	6.7593e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-4.4562e+02	4.4696e+01	4.0328e+01
	955	0.0000e+00	0.0000e+00	0.0000e+00	-3.6673e+02	1.8949e+01	8.0088e+01
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-3.2698e+02	9.5681e+00	-1.6129e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-3.9612e+02	4.6672e+01	-1.6162e+01
	952	0.0000e+00	0.0000e+00	0.0000e+00	-3.9611e+02	4.6552e+01	1.8888e+01
	953	0.0000e+00	0.0000e+00	0.0000e+00	-3.2711e+02	8.2008e+00	1.8970e+01
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-3.6637e+02	1.9936e+01	-7.7198e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-4.4526e+02	4.5259e+01	-3.7634e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-4.0407e+02	5.4184e+01	-4.9243e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	-3.3478e+02	1.2434e+01	-4.3424e+01
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-4.7948e+02	-3.0791e+01	-1.3697e+02
	946	0.0000e+00	0.0000e+00	0.0000e+00	-5.9118e+02	1.4540e+01	-3.0251e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-4.8087e+02	7.9948e+01	-8.9913e+00
	949	0.0000e+00	0.0000e+00	0.0000e+00	-3.9351e+02	3.3939e+01	-1.1531e+02
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2318e+03	-1.1393e+02	-1.4534e+02
	234	0.0000e+00	0.0000e+00	0.0000e+00	-4.2040e+02	-1.5437e+02	8.4032e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	-6.7516e+02	-1.5404e+01	-1.9973e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-5.5517e+02	1.7639e+02	-2.4799e+02
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	8.1710e+02	-4.6712e+00	5.1803e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	3.4625e+02	-4.1135e+02	6.3748e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	2.1989e+03	5.0206e+02	4.2446e+02
	538	0.0000e+00	0.0000e+00	0.0000e+00	1.4003e+02	5.1978e+02	-1.6122e+02
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	2.8783e+02	-1.3241e+02	3.2016e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	1.7678e+02	-6.3273e+01	1.8623e+02
	945	0.0000e+00	0.0000e+00	0.0000e+00	1.8593e+02	5.9299e+01	2.6847e+02
	938	0.0000e+00	0.0000e+00	0.0000e+00	5.8811e+02	-3.5495e+01	1.1426e+02
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	1.6108e+02	-7.6502e+01	3.3669e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	1.0876e+02	-4.2724e+01	8.2356e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	1.3895e+02	8.9616e-01	1.3678e+02
	937	0.0000e+00	0.0000e+00	0.0000e+00	2.2850e+02	-7.3869e+01	8.8091e+01
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	1.2731e+02	-6.9887e+01	-1.8177e+00
	942	0.0000e+00	0.0000e+00	0.0000e+00	9.2502e+01	-3.2144e+01	9.4181e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	9.5863e+01	-2.2085e+01	5.2521e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	1.4645e+02	-7.0232e+01	4.1287e+01
1666	934	0.0000e+00	0.0000e+00	0.0000e+00	1.4724e+02	-7.1775e+01	-4.3600e+01
	941	0.0000e+00	0.0000e+00	0.0000e+00	9.6485e+01	-2.3491e+01	-5.5461e+01
	942	0.0000e+00	0.0000e+00	0.0000e+00	9.2580e+01	-3.2476e+01	-1.2302e+01



	935	0.0000e+00	0.0000e+00	0.0000e+00	1.2738e+02	-7.0191e+01	-4.4799e-01
1667	933	0.0000e+00	0.0000e+00	0.0000e+00	2.3021e+02	-7.7194e+01	-9.0586e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	1.4038e+02	-2.2892e+00	-1.3997e+02
	941	0.0000e+00	0.0000e+00	0.0000e+00	1.0956e+02	-4.4789e+01	-8.5364e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	1.6201e+02	-7.8641e+01	-3.5978e+01
1668	932	0.0000e+00	0.0000e+00	0.0000e+00	5.9117e+02	-4.0406e+01	-1.1720e+02
	939	0.0000e+00	0.0000e+00	0.0000e+00	1.8801e+02	5.4962e+01	-2.7221e+02
	940	0.0000e+00	0.0000e+00	0.0000e+00	1.7846e+02	-6.6886e+01	-1.8952e+02
	933	0.0000e+00	0.0000e+00	0.0000e+00	2.8972e+02	-1.3633e+02	-3.4513e+01
1669	861	0.0000e+00	0.0000e+00	0.0000e+00	1.4133e+02	5.1294e+02	1.5685e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	2.2052e+03	4.9806e+02	-4.2976e+02
	939	0.0000e+00	0.0000e+00	0.0000e+00	3.4891e+02	-4.1680e+02	-6.4183e+02
	932	0.0000e+00	0.0000e+00	0.0000e+00	8.2015e+02	-9.0584e+00	-5.5215e+01
1670	931	0.0000e+00	0.0000e+00	0.0000e+00	1.8526e+02	1.4174e+02	-7.3412e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	4.4417e+02	1.5420e+02	-9.9309e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	4.0589e+02	3.2124e+02	-4.6139e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	1.7160e+02	2.2773e+02	-2.0246e+01
1671	930	0.0000e+00	0.0000e+00	0.0000e+00	2.2204e+02	-6.8909e+01	-3.4613e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	2.5815e+02	-7.1605e+01	2.3692e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	3.5758e+02	-8.1970e+01	-4.9168e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	2.3955e+02	6.0544e+01	-1.0747e+02
1672	929	0.0000e+00	0.0000e+00	0.0000e+00	1.6449e+02	-8.7139e+01	-1.1869e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	1.6962e+02	-8.2763e+01	3.5324e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	2.4284e+02	-8.0498e+01	2.1986e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	1.8585e+02	-4.9523e+01	-2.5219e+01
1673	928	0.0000e+00	0.0000e+00	0.0000e+00	1.3651e+02	-8.7943e+01	-5.7366e+00
	935	0.0000e+00	0.0000e+00	0.0000e+00	1.4069e+02	-7.8971e+01	8.7537e+00
	936	0.0000e+00	0.0000e+00	0.0000e+00	1.5864e+02	-7.7558e+01	1.4078e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	1.4755e+02	-7.9183e+01	5.8515e-01
1674	927	0.0000e+00	0.0000e+00	0.0000e+00	1.4829e+02	-8.0721e+01	-1.0356e+00
	934	0.0000e+00	0.0000e+00	0.0000e+00	1.5943e+02	-7.9106e+01	-1.6188e+01
	935	0.0000e+00	0.0000e+00	0.0000e+00	1.4077e+02	-7.9289e+01	-1.0866e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	1.3658e+02	-8.8275e+01	4.3035e+00
1675	926	0.0000e+00	0.0000e+00	0.0000e+00	1.8753e+02	-5.2940e+01	2.3779e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	2.4461e+02	-8.3853e+01	-2.4193e+01
	934	0.0000e+00	0.0000e+00	0.0000e+00	1.7061e+02	-8.4953e+01	-3.7497e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	1.6539e+02	-8.9340e+01	1.0471e+01
1676	925	0.0000e+00	0.0000e+00	0.0000e+00	2.4269e+02	5.5180e+01	1.0590e+02
	932	0.0000e+00	0.0000e+00	0.0000e+00	3.6037e+02	-8.7002e+01	4.6622e+01
	933	0.0000e+00	0.0000e+00	0.0000e+00	2.6021e+02	-7.5610e+01	-2.6017e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	2.2393e+02	-7.3019e+01	3.3269e+01
1677	853	0.0000e+00	0.0000e+00	0.0000e+00	1.7685e+02	2.2038e+02	1.8279e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	4.1122e+02	3.1452e+02	4.2335e+01
	932	0.0000e+00	0.0000e+00	0.0000e+00	4.4758e+02	1.4869e+02	9.6114e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	1.8871e+02	1.3565e+02	7.2058e+01
1678	924	0.0000e+00	0.0000e+00	0.0000e+00	5.2082e+01	9.0653e+01	-4.8705e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	1.7392e+02	1.1198e+02	-6.9362e+01
	527	0.0000e+00	0.0000e+00	0.0000e+00	1.4158e+02	1.8223e+02	-2.8465e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	4.3790e+01	1.2203e+02	-7.8474e+00
1679	923	0.0000e+00	0.0000e+00	0.0000e+00	8.5764e+01	-4.9725e+00	-4.7752e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	1.7004e+02	-3.4129e+01	-6.2154e+01
	931	0.0000e+00	0.0000e+00	0.0000e+00	1.5205e+02	4.6564e+01	-7.9197e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	7.5250e+01	5.1341e+01	-6.4795e+01
1680	922	0.0000e+00	0.0000e+00	0.0000e+00	8.9346e+01	-5.6978e+01	-2.7617e+01
	929	0.0000e+00	0.0000e+00	0.0000e+00	1.3713e+02	-7.3712e+01	-1.7012e+01
	930	0.0000e+00	0.0000e+00	0.0000e+00	1.6058e+02	-5.6126e+01	-4.3284e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	8.7129e+01	-2.0506e+01	-5.3889e+01
1681	921	0.0000e+00	0.0000e+00	0.0000e+00	8.3263e+01	-7.0019e+01	-3.9565e+00
	928	0.0000e+00	0.0000e+00	0.0000e+00	1.2226e+02	-8.5211e+01	1.5797e+00
	929	0.0000e+00	0.0000e+00	0.0000e+00	1.3194e+02	-8.1619e+01	-1.7438e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	8.4569e+01	-5.8917e+01	-2.2972e+01
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	8.5036e+01	-6.0328e+01	2.2195e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	1.3263e+02	-8.3207e+01	1.6167e+01

	928	0.0000e+00	0.0000e+00	0.0000e+00	1.2230e+02	-8.5485e+01	-2.9270e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	8.3320e+01	-7.0338e+01	3.1574e+00
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	8.8286e+01	-2.3679e+01	5.3394e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	1.6217e+02	-5.9584e+01	4.2155e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	1.3795e+02	-7.5864e+01	1.5704e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	8.9946e+01	-5.9044e+01	2.6946e+01
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	7.7545e+01	4.6303e+01	6.4797e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	1.5496e+02	4.1156e+01	7.8237e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	1.7184e+02	-3.8225e+01	6.0911e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	8.7150e+01	-8.8397e+00	4.7472e+01
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	4.7894e+01	1.1499e+02	8.5162e+00
	853	0.0000e+00	0.0000e+00	0.0000e+00	1.4673e+02	1.7469e+02	2.7596e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	1.7726e+02	1.0587e+02	6.8131e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	5.4812e+01	8.4786e+01	4.9051e+01
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	-4.8166e+01	5.0743e+01	-2.9240e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	4.3372e+01	6.8588e+01	-4.0470e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	2.8992e+01	9.7812e+01	-1.4202e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	-5.1791e+01	6.3244e+01	-3.2258e+00
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	3.3793e+01	7.4610e+00	-3.8881e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	5.8775e+01	-3.8757e+00	-5.4641e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	3.7779e+01	4.2511e+01	-5.5380e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	3.8958e+01	3.2707e+01	-3.9622e+01
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	2.8286e+01	-2.7559e+01	-2.5815e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	6.0491e+01	-4.8234e+01	-3.1788e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	5.4381e+01	-2.3405e+01	-5.0350e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	3.0038e+01	-7.1159e+00	-4.4377e+01
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	2.7816e+01	-4.1231e+01	-1.8190e+00
	921	0.0000e+00	0.0000e+00	0.0000e+00	5.8250e+01	-6.4434e+01	-2.5581e+00
	922	0.0000e+00	0.0000e+00	0.0000e+00	5.8250e+01	-5.7353e+01	-2.6097e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	2.7954e+01	-3.3635e+01	-2.5350e+01
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	2.8373e+01	-3.4783e+01	2.4759e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	5.8665e+01	-5.8845e+01	2.5392e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	5.8232e+01	-6.4626e+01	1.7998e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	2.7899e+01	-4.1494e+01	1.3318e+00
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	3.0935e+01	-9.6598e+00	4.4336e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	5.5367e+01	-2.6622e+01	5.0070e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	6.0889e+01	-5.0122e+01	3.1095e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.8871e+01	-2.9253e+01	2.5370e+01
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	3.9901e+01	2.8678e+01	4.0599e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	3.9751e+01	3.7471e+01	5.5843e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	5.9809e+01	-7.5206e+00	5.4365e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	3.4722e+01	4.2564e+00	3.9126e+01
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	-5.2140e+01	5.7760e+01	5.5507e+00
	845	0.0000e+00	0.0000e+00	0.0000e+00	3.2448e+01	9.0806e+01	1.5764e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	4.5549e+01	6.3020e+01	4.0892e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	-4.8799e+01	4.5999e+01	3.0682e+01
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.1760e+02	2.2771e+01	-1.8939e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-6.0109e+01	3.5149e+01	-2.3668e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	-6.7838e+01	4.8142e+01	-6.6510e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.1813e+02	2.6364e+01	2.5514e+00
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.0956e+02	7.3051e+00	-2.9538e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-4.9740e+01	1.5890e+00	-3.8395e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-6.2743e+01	2.5471e+01	-3.6195e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.1180e+02	1.5452e+01	-2.7339e+01
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.0162e+02	-8.0762e+00	-2.1162e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-4.4238e+01	-2.5729e+01	-2.7246e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-5.2066e+01	-8.2754e+00	-4.0018e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.0374e+02	-9.3587e-01	-3.3933e+01
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	-9.8112e+01	-1.5503e+01	-1.2769e+00
	914	0.0000e+00	0.0000e+00	0.0000e+00	-4.3355e+01	-3.7373e+01	-2.9990e+00
	915	0.0000e+00	0.0000e+00	0.0000e+00	-4.5445e+01	-3.1191e+01	-2.3432e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-9.8704e+01	-1.2304e+01	-2.1662e+01
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	-9.9665e+01	-1.3102e+01	2.0539e+01

	913	0.0000e+00	0.0000e+00	0.0000e+00	-4.5930e+01	-3.2442e+01	2.2723e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	-4.3519e+01	-3.7454e+01	2.2309e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	-9.8252e+01	-1.5670e+01	1.1336e+00
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.0577e+02	-2.2014e+00	3.3522e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	-5.3087e+01	-1.0870e+01	3.9955e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	-4.5051e+01	-2.7140e+01	2.6618e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.0284e+02	-9.2136e+00	2.0210e+01
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.1479e+02	1.2885e+01	2.8247e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	-6.4024e+01	2.1485e+01	3.7319e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	-5.1085e+01	-1.2365e+00	3.8478e+01
	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.1178e+02	5.1808e+00	2.9422e+01
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.2196e+02	2.3187e+01	4.7626e+00
	837	0.0000e+00	0.0000e+00	0.0000e+00	-6.8909e+01	4.2781e+01	9.4885e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	-6.1666e+01	3.1023e+01	2.5016e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.2069e+02	1.9801e+01	2.0303e+01
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	-1.8749e+02	-3.5306e+00	-1.6668e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.3159e+02	1.0676e+01	-1.6594e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.3453e+02	1.5134e+01	-4.2212e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	-1.8430e+02	-4.2705e+00	-4.3547e+00
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	-1.8731e+02	5.3078e+00	-2.6523e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.2770e+02	-1.0122e+00	-2.8359e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.3459e+02	9.2293e+00	-2.6694e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-1.8407e+02	-3.1370e+00	-2.4846e+01
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	-1.8446e+02	6.1320e+00	-1.9141e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.2485e+02	-8.9115e+00	-2.1391e+01
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.3057e+02	-1.7642e+00	-3.1983e+01
	902	0.0000e+00	0.0000e+00	0.0000e+00	-1.8320e+02	4.4525e+00	-2.9730e+01
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	-1.8258e+02	5.6829e+00	-1.8796e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.2458e+02	-1.3494e+01	-2.5486e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	-1.2642e+02	-1.0562e+01	-1.9960e+01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-1.8207e+02	5.4260e+00	-1.9262e+01
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	-1.8371e+02	5.0683e+00	1.6812e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.2750e+02	-1.1476e+01	1.8490e+01
	907	0.0000e+00	0.0000e+00	0.0000e+00	-1.2486e+02	-1.3457e+01	1.3281e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	-1.8282e+02	5.6440e+00	1.7944e+00
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	-1.8679e+02	3.5931e+00	2.7994e+01
	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.3302e+02	-3.4495e+00	3.1241e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	-1.2651e+02	-9.7239e+00	2.0067e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	-1.8657e+02	5.6648e+00	1.6875e+01
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	-1.8976e+02	-2.1609e+00	2.4413e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.3837e+02	6.7146e+00	2.7306e+01
	905	0.0000e+00	0.0000e+00	0.0000e+00	-1.3074e+02	-1.1286e+00	2.7889e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-1.9136e+02	4.3539e+00	2.5028e+01
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	-1.9236e+02	-3.9124e+00	5.2977e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.3955e+02	1.2112e+01	6.4016e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	-1.3600e+02	8.4420e+00	1.7638e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	-1.9365e+02	-2.6556e+00	1.6566e+01
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	-2.6359e+02	-1.9362e+01	-2.1051e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-2.0244e+02	-1.0737e+01	-1.6935e+01
	483	0.0000e+00	0.0000e+00	0.0000e+00	-2.0159e+02	-1.2958e+01	-5.2722e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	-2.5639e+02	-2.9480e+01	-8.9690e+00
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	-2.6695e+02	5.7952e+00	-2.8689e+01
	902	0.0000e+00	0.0000e+00	0.0000e+00	-2.0621e+02	-1.6155e+00	-2.5517e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	-2.0731e+02	-5.7370e+00	-2.6088e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-2.5999e+02	-1.0952e+01	-2.9228e+01
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	-2.6379e+02	1.8966e+01	-1.8219e+01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-2.0754e+02	5.5693e+00	-1.8722e+01
	902	0.0000e+00	0.0000e+00	0.0000e+00	-2.0943e+02	2.5844e+00	-2.9893e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-2.6319e+02	1.1418e+01	-2.9387e+01
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	-2.6132e+02	2.3096e+01	-2.5233e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	-2.0806e+02	7.2443e+00	-2.9632e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	-2.0861e+02	6.3986e+00	-1.8339e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-2.6166e+02	2.1381e+01	-1.7907e+01

1714	892	0.0000e+00	0.0000e+00	0.0000e+00	-2.6381e+02	2.1277e+01	1.3493e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	-2.1036e+02	5.9992e+00	1.5343e+01
	900	0.0000e+00	0.0000e+00	0.0000e+00	-2.0843e+02	7.3783e+00	1.4570e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	-2.6165e+02	2.3180e+01	-3.1254e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	-2.6801e+02	1.1369e+01	2.5490e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-2.1340e+02	1.7725e+00	2.7518e+01
	899	0.0000e+00	0.0000e+00	0.0000e+00	-2.1006e+02	5.4458e+00	1.5910e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-2.6662e+02	1.9050e+01	1.4001e+01
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	-2.6788e+02	-1.0120e+01	2.6268e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	-2.1373e+02	-6.1117e+00	2.4903e+01
	898	0.0000e+00	0.0000e+00	0.0000e+00	-2.1103e+02	-1.2811e+00	2.3490e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-2.7249e+02	5.8565e+00	2.4906e+01
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	-2.6798e+02	-2.7752e+01	7.0714e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.1077e+02	-1.3124e+01	5.2103e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	-2.0983e+02	-1.0640e+01	1.6295e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	-2.7228e+02	-1.8218e+01	1.8202e+01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	-3.5570e+02	-3.8494e+01	-2.9929e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-2.7884e+02	-3.0886e+01	-2.2549e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	-2.7529e+02	-4.2202e+01	-9.1702e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	-3.4487e+02	-6.3234e+01	-1.6118e+01
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	-3.4826e+02	1.5274e+01	-2.6982e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-2.8857e+02	4.2138e+00	-2.5114e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-2.8729e+02	-1.7374e+01	-3.2766e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-3.4659e+02	-1.4586e+01	-3.4577e+01
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	-3.2916e+02	3.0201e+01	-9.2962e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	-2.8666e+02	2.1358e+01	-1.6713e+01
	895	0.0000e+00	0.0000e+00	0.0000e+00	-2.8873e+02	8.2595e+00	-2.9413e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-3.4231e+02	2.4768e+01	-2.1991e+01
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	-3.2057e+02	3.3706e+01	1.7522e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	-2.8323e+02	2.4776e+01	-4.7166e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	-2.8445e+02	2.1047e+01	-1.5029e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-3.2586e+02	3.3353e+01	-1.1795e+01
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	-3.2815e+02	3.3370e+01	5.9309e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	-2.8665e+02	2.0927e+01	1.0098e+01
	893	0.0000e+00	0.0000e+00	0.0000e+00	-2.8365e+02	2.4958e+01	1.9256e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	-3.2095e+02	3.3890e+01	-6.4741e+00
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	-3.4751e+02	2.5107e+01	1.5854e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-2.9374e+02	8.2582e+00	2.4677e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	-2.8972e+02	2.1638e+01	1.1867e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-3.3224e+02	3.0630e+01	5.0805e+00
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	-3.5530e+02	-1.2916e+01	2.8353e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	-2.9558e+02	-1.6547e+01	2.8682e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	-2.9457e+02	4.4432e+00	2.0726e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-3.5434e+02	1.6107e+01	2.0590e+01
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	-3.5802e+02	-6.0156e+01	1.0021e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-2.8757e+02	-4.0320e+01	5.6156e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	-2.8832e+02	-2.9232e+01	1.9010e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	-3.6545e+02	-3.6231e+01	2.3467e+01
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	-4.9323e+02	-5.0944e+01	-3.1446e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-3.7214e+02	-4.9572e+01	-2.7449e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-3.6788e+02	-8.2623e+01	-1.7486e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-4.9015e+02	-1.0349e+02	-2.1051e+01
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	-4.0472e+02	2.9252e+01	1.8741e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-3.7653e+02	2.8477e+01	-1.4552e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-3.8712e+02	-2.3717e+01	-4.3358e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-4.5951e+02	3.4729e+01	-1.1708e+01
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	-3.5079e+02	3.1360e+01	2.1124e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-3.4674e+02	3.6225e+01	-6.9381e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	-3.5989e+02	1.8999e+01	-1.2260e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-3.9347e+02	3.4056e+01	1.6611e+01
1729	875	0.0000e+00	0.0000e+00	0.0000e+00	-3.3206e+02	2.7106e+01	2.6869e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	-3.3146e+02	3.4201e+01	-7.1093e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	-3.3719e+02	3.0430e+01	-1.7618e+00

	877	0.0000e+00	0.0000e+00	0.0000e+00	-3.4434e+02	2.7859e+01	7.9260e+00
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	-3.4621e+02	2.7866e+01	-1.8324e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	-3.3942e+02	3.0517e+01	-8.3612e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	-3.3183e+02	3.4356e+01	2.1298e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	-3.3241e+02	2.7350e+01	-1.2095e+01
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	-3.9775e+02	3.4291e+01	-2.7288e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-3.6497e+02	1.9435e+01	7.8283e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	-3.4976e+02	3.6644e+01	4.6787e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	-3.5338e+02	3.1852e+01	-3.1412e+01
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	-4.6669e+02	3.5414e+01	8.9112e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	-3.9565e+02	-2.2036e+01	3.5783e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	-3.8251e+02	2.9366e+01	8.9689e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	-4.0982e+02	3.0093e+01	-2.9590e+01
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	-5.0160e+02	-1.0054e+02	1.0237e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-3.8099e+02	-7.9434e+01	9.3215e+00
	883	0.0000e+00	0.0000e+00	0.0000e+00	-3.8193e+02	-4.7038e+01	2.0469e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	-5.0140e+02	-4.8332e+01	2.1633e+01
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	-5.1590e+02	1.4460e+02	2.6969e+02
	881	0.0000e+00	0.0000e+00	0.0000e+00	-6.3384e+02	2.2554e+01	3.3560e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-4.2537e+02	-1.7438e+02	-7.3388e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.2007e+03	-1.0503e+02	1.6285e+02
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	-3.4997e+02	2.5126e+01	1.3268e+02
	879	0.0000e+00	0.0000e+00	0.0000e+00	-4.2247e+02	6.0018e+01	2.6633e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-5.4100e+02	1.1616e+01	5.1620e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	-4.4428e+02	-3.6326e+01	1.5766e+02
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	-2.8216e+02	2.6823e+01	6.2285e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	-3.3980e+02	3.1588e+01	1.8760e+01
	879	0.0000e+00	0.0000e+00	0.0000e+00	-3.8970e+02	2.6380e+01	5.2236e+01
	880	0.0000e+00	0.0000e+00	0.0000e+00	-3.1973e+02	-1.3626e+01	9.5781e+01
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	-2.6023e+02	-2.3625e+01	5.0974e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	-3.1605e+02	2.2508e+01	-7.5360e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	-3.3036e+02	2.2027e+01	2.6249e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	-2.7013e+02	-8.9384e+00	3.8294e+01
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	-2.7097e+02	-1.0265e+01	-4.9988e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-3.3194e+02	2.2234e+01	-3.6987e+01
	875	0.0000e+00	0.0000e+00	0.0000e+00	-3.1635e+02	2.2585e+01	-3.6646e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	-2.6039e+02	-2.2611e+01	-1.6373e+01
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	-3.2161e+02	-1.1753e+01	-1.0784e+02
	871	0.0000e+00	0.0000e+00	0.0000e+00	-3.9337e+02	2.6822e+01	-6.3225e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-3.4195e+02	3.1858e+01	-2.9443e+01
	874	0.0000e+00	0.0000e+00	0.0000e+00	-2.8337e+02	2.6621e+01	-7.4017e+01
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	-4.4734e+02	-3.4672e+01	-1.7049e+02
	869	0.0000e+00	0.0000e+00	0.0000e+00	-5.4712e+02	1.1704e+01	-6.3151e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	-4.2659e+02	6.0546e+01	-3.7626e+01
	872	0.0000e+00	0.0000e+00	0.0000e+00	-3.5234e+02	2.5663e+01	-1.4486e+02
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2045e+03	-1.0191e+02	-1.7718e+02
	797	0.0000e+00	0.0000e+00	0.0000e+00	-4.3481e+02	-1.7084e+02	6.0717e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	-6.4018e+02	2.2708e+01	-4.4781e+01
	870	0.0000e+00	0.0000e+00	0.0000e+00	-5.1961e+02	1.4429e+02	-2.8257e+02
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	8.2015e+02	-8.9383e+00	5.5225e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	3.4899e+02	-4.1678e+02	6.4181e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	2.2053e+03	4.9839e+02	4.2983e+02
	861	0.0000e+00	0.0000e+00	0.0000e+00	1.4126e+02	5.1298e+02	-1.5675e+02
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	2.8974e+02	-1.3630e+02	3.4502e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	1.7849e+02	-6.6860e+01	1.8951e+02
	868	0.0000e+00	0.0000e+00	0.0000e+00	1.8805e+02	5.5021e+01	2.7220e+02
	860	0.0000e+00	0.0000e+00	0.0000e+00	5.9120e+02	-4.0343e+01	1.1719e+02
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	1.6202e+02	-7.8630e+01	3.5969e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	1.0958e+02	-4.4779e+01	8.5363e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	1.4040e+02	-2.2679e+00	1.3997e+02
	859	0.0000e+00	0.0000e+00	0.0000e+00	2.3023e+02	-7.7167e+01	9.0575e+01
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	1.2738e+02	-7.0192e+01	4.3789e-01
	865	0.0000e+00	0.0000e+00	0.0000e+00	9.2581e+01	-3.2477e+01	1.2300e+01

	866	0.0000e+00	0.0000e+00	0.0000e+00	9.6494e+01	-2.3484e+01	5.5459e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.4724e+02	-7.1765e+01	4.3592e+01
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	1.4644e+02	-7.0244e+01	-4.1295e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	9.5853e+01	-2.2095e+01	-5.2523e+01
	865	0.0000e+00	0.0000e+00	0.0000e+00	9.2499e+01	-3.2146e+01	-9.4200e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	1.2731e+02	-6.9889e+01	1.8108e+00
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	2.2849e+02	-7.3897e+01	-8.8101e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	1.3893e+02	8.7574e-01	-1.3678e+02
	864	0.0000e+00	0.0000e+00	0.0000e+00	1.0874e+02	-4.2736e+01	-8.2357e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	1.6107e+02	-7.6514e+01	-3.3677e+01
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	5.8809e+02	-3.5556e+01	-1.1427e+02
	862	0.0000e+00	0.0000e+00	0.0000e+00	1.8589e+02	5.9241e+01	-2.6848e+02
	863	0.0000e+00	0.0000e+00	0.0000e+00	1.7675e+02	-6.3300e+01	-1.8623e+02
	855	0.0000e+00	0.0000e+00	0.0000e+00	2.8781e+02	-1.3244e+02	-3.2025e+01
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	1.4009e+02	5.1974e+02	1.6132e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	2.1988e+03	5.0174e+02	-4.2439e+02
	862	0.0000e+00	0.0000e+00	0.0000e+00	3.4618e+02	-4.1136e+02	-6.3750e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	8.1710e+02	-4.7804e+00	-5.1792e+01
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	1.8869e+02	1.3568e+02	-7.2050e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	4.4757e+02	1.4878e+02	-9.6093e+01
	861	0.0000e+00	0.0000e+00	0.0000e+00	4.1123e+02	3.1454e+02	-4.2291e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	1.7684e+02	2.2040e+02	-1.8248e+01
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	2.2392e+02	-7.2989e+01	-3.3274e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	2.6022e+02	-7.5575e+01	2.6001e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	3.6036e+02	-8.6952e+01	-4.6627e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	2.4268e+02	5.5213e+01	-1.0590e+02
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	1.6539e+02	-8.9327e+01	-1.0480e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.7061e+02	-8.4940e+01	3.7485e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	2.4461e+02	-8.3830e+01	2.4182e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	1.8752e+02	-5.2916e+01	-2.3789e+01
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	1.3658e+02	-8.8274e+01	-4.3139e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	1.4077e+02	-7.9288e+01	1.0856e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.5943e+02	-7.9098e+01	1.6178e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.4828e+02	-8.0711e+01	1.0249e+00
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	1.4754e+02	-7.9194e+01	5.7264e-01
	856	0.0000e+00	0.0000e+00	0.0000e+00	1.5864e+02	-7.7568e+01	-1.4087e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	1.4069e+02	-7.8974e+01	-8.7636e+00
	849	0.0000e+00	0.0000e+00	0.0000e+00	1.3650e+02	-8.7945e+01	5.7259e+00
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	1.8584e+02	-4.9547e+01	2.5210e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	2.4283e+02	-8.0522e+01	-2.1997e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	1.6961e+02	-8.2778e+01	-3.5334e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	1.6448e+02	-8.7154e+01	1.1860e+01
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	2.3956e+02	6.0512e+01	1.0747e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	3.5759e+02	-8.2018e+01	4.9164e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	2.5815e+02	-7.1640e+01	-2.3706e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	2.2205e+02	-6.8940e+01	3.4609e+01
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	1.7160e+02	2.2772e+02	2.0276e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	4.0588e+02	3.2123e+02	4.6183e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	4.4418e+02	1.5412e+02	9.9330e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	1.8527e+02	1.4170e+02	7.3420e+01
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	5.4797e+01	8.4801e+01	-4.9043e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	1.7725e+02	1.0589e+02	-6.8115e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	1.4673e+02	1.7470e+02	-2.7572e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	4.7888e+01	1.1499e+02	-8.4998e+00
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	8.7131e+01	-8.8209e+00	-4.7474e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	1.7184e+02	-3.8201e+01	-6.0914e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	1.5495e+02	4.1186e+01	-7.8232e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	7.7529e+01	4.6321e+01	-6.4789e+01
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	8.9926e+01	-5.9033e+01	-2.6954e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.3794e+02	-7.5851e+01	-1.5715e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	1.6216e+02	-5.9562e+01	-4.2162e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	8.8267e+01	-2.3663e+01	-5.3398e+01
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	8.3297e+01	-7.0338e+01	-3.1686e+00

	849	0.0000e+00	0.0000e+00	0.0000e+00	1.2229e+02	-8.5484e+01	2.9156e+00
	850	0.0000e+00	0.0000e+00	0.0000e+00	1.3262e+02	-8.3198e+01	-1.6178e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	8.5015e+01	-6.0321e+01	-2.2204e+01
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	8.4544e+01	-5.8926e+01	2.2964e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	1.3193e+02	-8.1629e+01	1.7427e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	1.2225e+02	-8.5214e+01	-1.5910e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	8.3240e+01	-7.0021e+01	3.9478e+00
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	8.7102e+01	-2.0522e+01	5.3886e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	1.6058e+02	-5.6148e+01	4.3278e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	1.3712e+02	-7.3726e+01	1.7002e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	8.9322e+01	-5.6990e+01	2.7610e+01
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	7.5213e+01	5.1324e+01	6.4804e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	1.5204e+02	4.6535e+01	7.9203e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	1.7003e+02	-3.4153e+01	6.2152e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	8.5737e+01	-4.9897e+00	4.7751e+01
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	4.3708e+01	1.2203e+02	7.8653e+00
	420	0.0000e+00	0.0000e+00	0.0000e+00	1.4156e+02	1.8223e+02	2.8489e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	1.7392e+02	1.1195e+02	6.9379e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	5.2022e+01	9.0639e+01	4.8714e+01
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	-4.8786e+01	4.6006e+01	-3.0678e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	4.5532e+01	6.3032e+01	-4.0883e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	3.2446e+01	9.0809e+01	-1.5751e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-5.2138e+01	5.7762e+01	-5.5425e+00
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	3.4676e+01	4.2669e+00	-3.9128e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	5.9785e+01	-7.5053e+00	-5.4365e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	3.9729e+01	3.7486e+01	-5.5838e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	3.9877e+01	2.8687e+01	-4.0595e+01
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	2.8779e+01	-2.9246e+01	-2.5377e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	6.0858e+01	-5.0113e+01	-3.1102e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	5.5337e+01	-2.6608e+01	-5.0074e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	3.0871e+01	-9.6502e+00	-4.4338e+01
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	2.7768e+01	-4.1494e+01	-1.3628e+00
	841	0.0000e+00	0.0000e+00	0.0000e+00	5.8193e+01	-6.4625e+01	-1.8148e+00
	842	0.0000e+00	0.0000e+00	0.0000e+00	5.8630e+01	-5.8838e+01	-2.5400e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	2.8268e+01	-3.4778e+01	-2.4765e+01
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	2.7786e+01	-3.3640e+01	2.5346e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	5.8204e+01	-5.7361e+01	2.6091e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	5.8208e+01	-6.4436e+01	2.5511e+00
	833	0.0000e+00	0.0000e+00	0.0000e+00	2.7674e+01	-4.1233e+01	1.8196e+00
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	2.9845e+01	-7.1245e+00	4.4377e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	5.4322e+01	-2.3419e+01	5.0348e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	6.0443e+01	-4.8244e+01	3.1782e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	2.8110e+01	-2.7567e+01	2.5811e+01
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	3.8782e+01	3.2698e+01	3.9628e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	3.7675e+01	4.2497e+01	5.5386e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	5.8717e+01	-3.8902e+00	5.4642e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	3.3613e+01	7.4493e+00	3.8881e+01
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	-5.1645e+01	6.3243e+01	3.2507e+00
	409	0.0000e+00	0.0000e+00	0.0000e+00	2.8831e+01	9.7811e+01	1.4216e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	4.3278e+01	6.8577e+01	4.0481e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	-4.8019e+01	5.0736e+01	2.9247e+01
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.2068e+02	1.9805e+01	-2.0305e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	-6.1653e+01	3.1029e+01	-2.5013e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-6.8907e+01	4.2782e+01	-9.4816e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.2196e+02	2.3189e+01	-4.7601e+00
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.1176e+02	5.1877e+00	-2.9427e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-5.1049e+01	-1.2279e+00	-3.8480e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	-6.4008e+01	2.1493e+01	-3.7317e+01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.1477e+02	1.2891e+01	-2.8248e+01
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.0280e+02	-9.2087e+00	-2.0219e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	-4.4984e+01	-2.7134e+01	-2.6624e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-5.3047e+01	-1.0861e+01	-3.9958e+01
	827	0.0000e+00	0.0000e+00	0.0000e+00	-1.0574e+02	-2.1954e+00	-3.3525e+01

1777 825 0.0000e+00 0.0000e+00 0.0000e+00 -9.8188e+01 -1.5669e+01 -1.2196e+00  
833 0.0000e+00 0.0000e+00 0.0000e+00 -4.3421e+01 -3.7454e+01 -2.2566e+00  
834 0.0000e+00 0.0000e+00 0.0000e+00 -4.5857e+01 -3.2438e+01 -2.2729e+01  
826 0.0000e+00 0.0000e+00 0.0000e+00 -9.9615e+01 -1.3099e+01 -2.0546e+01

1778 824 0.0000e+00 0.0000e+00 0.0000e+00 -9.8620e+01 -1.2308e+01 2.1662e+01  
832 0.0000e+00 0.0000e+00 0.0000e+00 -4.5322e+01 -3.1196e+01 2.3429e+01  
833 0.0000e+00 0.0000e+00 0.0000e+00 -4.3248e+01 -3.7375e+01 3.0014e+00  
825 0.0000e+00 0.0000e+00 0.0000e+00 -9.8042e+01 -1.5504e+01 1.3059e+00

1779 823 0.0000e+00 0.0000e+00 0.0000e+00 -1.0364e+02 -9.2782e-01 3.3934e+01  
831 0.0000e+00 0.0000e+00 0.0000e+00 -5.1933e+01 -8.2839e+00 4.0017e+01  
832 0.0000e+00 0.0000e+00 0.0000e+00 -4.4103e+01 -2.5736e+01 2.7243e+01  
824 0.0000e+00 0.0000e+00 0.0000e+00 -1.0153e+02 -8.0812e+00 2.1160e+01

1780 822 0.0000e+00 0.0000e+00 0.0000e+00 -1.1169e+02 1.5446e+01 2.7345e+01  
830 0.0000e+00 0.0000e+00 0.0000e+00 -6.2613e+01 2.5464e+01 3.6200e+01  
831 0.0000e+00 0.0000e+00 0.0000e+00 -4.9593e+01 1.5766e+00 3.8396e+01  
823 0.0000e+00 0.0000e+00 0.0000e+00 -1.0946e+02 7.2965e+00 2.9538e+01

1781 387 0.0000e+00 0.0000e+00 0.0000e+00 -1.1801e+02 2.6364e+01 -2.6146e+00  
398 0.0000e+00 0.0000e+00 0.0000e+00 -6.7706e+01 4.8142e+01 6.6705e+00  
830 0.0000e+00 0.0000e+00 0.0000e+00 -5.9967e+01 3.5143e+01 2.3675e+01  
822 0.0000e+00 0.0000e+00 0.0000e+00 -1.1750e+02 2.2767e+01 1.8946e+01

1782 820 0.0000e+00 0.0000e+00 0.0000e+00 -1.9364e+02 -2.6623e+00 -1.6581e+01  
828 0.0000e+00 0.0000e+00 0.0000e+00 -1.3599e+02 8.4468e+00 -1.7644e+01  
829 0.0000e+00 0.0000e+00 0.0000e+00 -1.3955e+02 1.2112e+01 -6.3982e+00  
821 0.0000e+00 0.0000e+00 0.0000e+00 -1.9236e+02 -3.9106e+00 -5.3040e+00

1783 819 0.0000e+00 0.0000e+00 0.0000e+00 -1.9134e+02 4.3611e+00 -2.5043e+01  
827 0.0000e+00 0.0000e+00 0.0000e+00 -1.3072e+02 -1.1261e+00 -2.7896e+01  
828 0.0000e+00 0.0000e+00 0.0000e+00 -1.3835e+02 6.7196e+00 -2.7309e+01  
820 0.0000e+00 0.0000e+00 0.0000e+00 -1.8975e+02 -2.1645e+00 -2.4423e+01

1784 818 0.0000e+00 0.0000e+00 0.0000e+00 -1.8654e+02 5.6675e+00 -1.6896e+01  
826 0.0000e+00 0.0000e+00 0.0000e+00 -1.2647e+02 -9.7189e+00 -2.0078e+01  
827 0.0000e+00 0.0000e+00 0.0000e+00 -1.3299e+02 -3.4437e+00 -3.1247e+01  
819 0.0000e+00 0.0000e+00 0.0000e+00 -1.8677e+02 3.5987e+00 -2.8006e+01

1785 817 0.0000e+00 0.0000e+00 0.0000e+00 -1.8277e+02 5.6432e+00 -1.9166e+00  
825 0.0000e+00 0.0000e+00 0.0000e+00 -1.2480e+02 -1.3456e+01 -1.4147e+00  
826 0.0000e+00 0.0000e+00 0.0000e+00 -1.2746e+02 -1.1473e+01 -1.8500e+01  
818 0.0000e+00 0.0000e+00 0.0000e+00 -1.8367e+02 5.0702e+00 -1.6828e+01

1786 816 0.0000e+00 0.0000e+00 0.0000e+00 -1.8200e+02 5.4237e+00 1.9266e+01  
824 0.0000e+00 0.0000e+00 0.0000e+00 -1.2634e+02 -1.0565e+01 1.9961e+01  
825 0.0000e+00 0.0000e+00 0.0000e+00 -1.2451e+02 -1.3495e+01 2.5747e+00  
817 0.0000e+00 0.0000e+00 0.0000e+00 -1.8252e+02 5.6826e+00 1.9327e+00

1787 815 0.0000e+00 0.0000e+00 0.0000e+00 -1.8311e+02 4.4452e+00 2.9730e+01  
823 0.0000e+00 0.0000e+00 0.0000e+00 -1.3048e+02 -1.7683e+00 3.1984e+01  
824 0.0000e+00 0.0000e+00 0.0000e+00 -1.2477e+02 -8.9164e+00 2.1390e+01  
816 0.0000e+00 0.0000e+00 0.0000e+00 -1.8439e+02 6.1289e+00 1.9139e+01

1788 814 0.0000e+00 0.0000e+00 0.0000e+00 -1.8396e+02 -3.1158e+00 2.4851e+01  
822 0.0000e+00 0.0000e+00 0.0000e+00 -1.3448e+02 9.2238e+00 2.6700e+01  
823 0.0000e+00 0.0000e+00 0.0000e+00 -1.2760e+02 -9.9401e-01 2.8359e+01  
815 0.0000e+00 0.0000e+00 0.0000e+00 -1.8722e+02 5.2973e+00 2.6521e+01

1789 376 0.0000e+00 0.0000e+00 0.0000e+00 -1.8418e+02 -4.2564e+00 4.4304e+00  
387 0.0000e+00 0.0000e+00 0.0000e+00 -1.3441e+02 1.5134e+01 4.2750e+00  
822 0.0000e+00 0.0000e+00 0.0000e+00 -1.3148e+02 1.0671e+01 1.6601e+01  
814 0.0000e+00 0.0000e+00 0.0000e+00 -1.8739e+02 -3.5048e+00 1.6676e+01

1790 812 0.0000e+00 0.0000e+00 0.0000e+00 -2.7228e+02 -1.8217e+01 -1.8234e+01  
820 0.0000e+00 0.0000e+00 0.0000e+00 -2.0982e+02 -1.0639e+01 -1.6314e+01  
821 0.0000e+00 0.0000e+00 0.0000e+00 -2.1077e+02 -1.3123e+01 -5.2127e+00  
813 0.0000e+00 0.0000e+00 0.0000e+00 -2.6798e+02 -2.7750e+01 -7.0933e+00

1791 811 0.0000e+00 0.0000e+00 0.0000e+00 -2.7247e+02 5.8663e+00 -2.4941e+01  
819 0.0000e+00 0.0000e+00 0.0000e+00 -2.1101e+02 -1.2865e+00 -2.3510e+01  
820 0.0000e+00 0.0000e+00 0.0000e+00 -2.1372e+02 -6.1083e+00 -2.4917e+01  
812 0.0000e+00 0.0000e+00 0.0000e+00 -2.6787e+02 -1.0117e+01 -2.6296e+01

1792 810 0.0000e+00 0.0000e+00 0.0000e+00 -2.6659e+02 1.9053e+01 -1.4054e+01  
818 0.0000e+00 0.0000e+00 0.0000e+00 -2.1003e+02 5.4464e+00 -1.5936e+01  
819 0.0000e+00 0.0000e+00 0.0000e+00 -2.1337e+02 1.7770e+00 -2.7535e+01



	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.6799e+02	1.1375e+01	-2.5522e+01
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	-2.6161e+02	2.3179e+01	3.2588e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-2.0839e+02	7.3756e+00	-1.6105e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	-2.1032e+02	6.0003e+00	-1.5367e+01
	810	0.0000e+00	0.0000e+00	0.0000e+00	-2.6378e+02	2.1279e+01	-1.3535e+01
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	-2.6160e+02	2.1378e+01	1.7910e+01
	816	0.0000e+00	0.0000e+00	0.0000e+00	-2.0855e+02	6.3951e+00	1.8341e+01
	817	0.0000e+00	0.0000e+00	0.0000e+00	-2.0801e+02	7.2438e+00	3.0222e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-2.6127e+02	2.3095e+01	2.6069e+00
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	-2.6311e+02	1.1412e+01	2.9380e+01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-2.0935e+02	2.5784e+00	2.9891e+01
	816	0.0000e+00	0.0000e+00	0.0000e+00	-2.0747e+02	5.5672e+00	1.8722e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-2.6373e+02	1.8963e+01	1.8211e+01
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	-2.5989e+02	-1.0942e+01	2.9225e+01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-2.0721e+02	-5.7313e+00	2.6091e+01
	815	0.0000e+00	0.0000e+00	0.0000e+00	-2.0612e+02	-1.5953e+00	2.5515e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-2.6687e+02	5.7815e+00	2.8678e+01
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	-2.5628e+02	-2.9472e+01	9.0284e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	-2.0147e+02	-1.2953e+01	5.3550e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-2.0233e+02	-1.0729e+01	1.6941e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-2.6349e+02	-1.9352e+01	2.1054e+01
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	-3.6544e+02	-3.6227e+01	-2.3522e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-2.8831e+02	-2.9230e+01	-1.9050e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-2.8757e+02	-4.0319e+01	-5.6328e+00
	805	0.0000e+00	0.0000e+00	0.0000e+00	-3.5802e+02	-6.0154e+01	-1.0067e+01
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	-3.5432e+02	1.6117e+01	-2.0672e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.9455e+02	4.4566e+00	-2.0772e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-2.9557e+02	-1.6543e+01	-2.8715e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-3.5530e+02	-1.2913e+01	-2.8410e+01
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	-3.3221e+02	3.0631e+01	-5.3343e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-2.8969e+02	2.1640e+01	-1.1934e+01
	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.9372e+02	8.2642e+00	-2.4719e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-3.4750e+02	2.5115e+01	-1.5953e+01
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	-3.2092e+02	3.3885e+01	6.5771e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-2.8361e+02	2.4956e+01	-2.1260e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-2.8661e+02	2.0928e+01	-1.0175e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-3.2812e+02	3.3371e+01	-6.1153e+00
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	-3.2581e+02	3.3347e+01	1.1787e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-2.8439e+02	2.1043e+01	1.5026e+01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-2.8319e+02	2.4774e+01	4.7921e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-3.2053e+02	3.3702e+01	-1.9622e+00
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	-3.4225e+02	2.4761e+01	2.1959e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-2.8865e+02	8.2535e+00	2.9401e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	-2.8660e+02	2.1354e+01	1.6709e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	-3.2911e+02	3.0196e+01	9.2567e+00
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	-3.4651e+02	-1.4569e+01	3.4555e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	-2.8720e+02	-1.7369e+01	3.2760e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	-2.8849e+02	4.1935e+00	2.5102e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-3.4820e+02	1.5264e+01	2.6949e+01
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	-3.4479e+02	-6.3220e+01	1.6156e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-2.7518e+02	-4.2194e+01	9.2467e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	-2.7874e+02	-3.0878e+01	2.2549e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-3.5562e+02	-3.8481e+01	2.9917e+01
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	-5.0140e+02	-4.8320e+01	-2.1752e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-3.8193e+02	-4.7033e+01	-2.0549e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-3.8099e+02	-7.9430e+01	-9.3578e+00
	797	0.0000e+00	0.0000e+00	0.0000e+00	-5.0160e+02	-1.0053e+02	-1.0338e+01
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	-4.0981e+02	3.0111e+01	2.9676e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-3.8250e+02	2.9378e+01	-9.1681e+00
	804	0.0000e+00	0.0000e+00	0.0000e+00	-3.9565e+02	-2.2031e+01	-3.5845e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-4.6668e+02	3.5430e+01	-9.2195e+00
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	-3.5337e+02	3.1852e+01	3.1474e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-3.4974e+02	3.6646e+01	-4.9644e+00

	803	0.0000e+00	0.0000e+00	0.0000e+00	-3.6496e+02	1.9443e+01	-8.0779e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-3.9774e+02	3.4295e+01	2.7383e+01
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	-3.3239e+02	2.7335e+01	1.2166e+01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-3.3180e+02	3.4351e+01	-2.3901e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	-3.3940e+02	3.0517e+01	8.5328e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-3.4620e+02	2.7856e+01	1.8424e+01
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	-3.4432e+02	2.7844e+01	-7.8661e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	-3.3715e+02	3.0423e+01	1.5565e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-3.3142e+02	3.4196e+01	7.1957e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-3.3204e+02	2.7093e+01	-2.9148e+00
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	-3.9344e+02	3.4047e+01	-1.6518e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-3.5984e+02	1.8991e+01	1.2171e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	-3.4670e+02	3.6219e+01	6.8990e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-3.5076e+02	3.1351e+01	-2.1094e+01
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	-4.5947e+02	3.4714e+01	1.1541e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-3.8706e+02	-2.3706e+01	4.3327e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	-3.7647e+02	2.8466e+01	1.4492e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-4.0469e+02	2.9235e+01	-1.8659e+01
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	-4.9011e+02	-1.0346e+02	2.1066e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-3.6780e+02	-8.2607e+01	1.7534e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	-3.7207e+02	-4.9557e+01	2.7425e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	-4.9320e+02	-5.0920e+01	3.1395e+01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	-5.1960e+02	1.4427e+02	2.8257e+02
	795	0.0000e+00	0.0000e+00	0.0000e+00	-6.4018e+02	2.2742e+01	4.4782e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-4.3482e+02	-1.7084e+02	-6.0757e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2045e+03	-1.0183e+02	1.7717e+02
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	-3.5233e+02	2.5562e+01	1.4488e+02
	793	0.0000e+00	0.0000e+00	0.0000e+00	-4.2658e+02	6.0562e+01	3.7666e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-5.4712e+02	1.1737e+01	6.3168e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	-4.4732e+02	-3.4676e+01	1.7050e+02
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	-2.8336e+02	2.6541e+01	7.4044e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	-3.4193e+02	3.1856e+01	2.9489e+01
	793	0.0000e+00	0.0000e+00	0.0000e+00	-3.9336e+02	2.6829e+01	6.3253e+01
	794	0.0000e+00	0.0000e+00	0.0000e+00	-3.2160e+02	-1.1794e+01	1.0786e+02
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	-2.6039e+02	-2.2570e+01	1.6432e+01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-3.1633e+02	2.2566e+01	3.8589e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-3.3193e+02	2.2221e+01	3.7030e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	-2.7097e+02	-1.0209e+01	5.0026e+01
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-2.7013e+02	-8.9500e+00	-3.8287e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	-3.3034e+02	2.2011e+01	-2.6247e+01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-3.1603e+02	2.2491e+01	7.6528e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	-2.6022e+02	-2.3542e+01	-5.2394e+00
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-3.1973e+02	-1.3525e+01	-9.5769e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-3.8967e+02	2.6370e+01	-5.2229e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	-3.3978e+02	3.1579e+01	-1.8770e+01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-2.8216e+02	2.6708e+01	-6.2277e+01
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-4.4428e+02	-3.6064e+01	-1.5766e+02
	783	0.0000e+00	0.0000e+00	0.0000e+00	-5.4098e+02	1.1561e+01	-5.1624e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-4.2245e+02	6.0004e+01	-2.6629e+01
	786	0.0000e+00	0.0000e+00	0.0000e+00	-3.4997e+02	2.4986e+01	-1.3267e+02
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-1.2007e+03	-1.0483e+02	-1.6287e+02
	343	0.0000e+00	0.0000e+00	0.0000e+00	-4.2530e+02	-1.7435e+02	7.3375e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	-6.3382e+02	2.2450e+01	-3.3599e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-5.1590e+02	1.4459e+02	-2.6969e+02
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	2.3581e+02	2.6695e+01	1.1076e+02
	782	0.0000e+00	0.0000e+00	0.0000e+00	1.2890e+02	-8.7199e+01	1.9073e+02
	22	0.0000e+00	0.0000e+00	0.0000e+00	5.3106e+02	1.1933e+02	1.4752e+02
	773	0.0000e+00	0.0000e+00	0.0000e+00	-2.5422e+01	9.9876e+01	6.7617e+01
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	1.2782e+02	-4.9756e+01	6.7757e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	1.0642e+02	-2.3524e+01	1.0399e+02
	782	0.0000e+00	0.0000e+00	0.0000e+00	9.6873e+01	8.0897e+00	1.2407e+02
	772	0.0000e+00	0.0000e+00	0.0000e+00	2.0401e+02	-1.0386e+01	8.7813e+01
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	9.1442e+01	-4.6147e+01	5.6166e+01

	780	0.0000e+00	0.0000e+00	0.0000e+00	8.5886e+01	-2.8937e+01	7.3028e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	9.9504e+01	-1.2547e+01	9.3771e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	1.0890e+02	-4.0363e+01	7.6890e+01
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	7.6694e+01	-4.8885e+01	3.3272e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	7.7446e+01	-2.7618e+01	3.9877e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	8.1575e+01	-2.2754e+01	6.0507e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	8.4859e+01	-4.6428e+01	5.3875e+01
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	7.7449e+01	-5.1139e+01	8.0177e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	7.5136e+01	-2.5149e+01	7.2156e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	7.6479e+01	-2.7093e+01	2.8760e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	7.4861e+01	-4.8608e+01	2.9508e+01
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	9.4715e+01	-5.4820e+01	-2.2180e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	7.9732e+01	-1.9375e+01	-3.1735e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	7.7236e+01	-2.9214e+01	-6.0113e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	7.9663e+01	-5.0552e+01	4.6518e+00
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	1.4248e+02	-6.0357e+01	-5.7286e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	9.5408e+01	-7.7234e+00	-8.3468e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	8.6665e+01	-3.1735e+01	-4.8353e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	1.0323e+02	-5.5634e+01	-2.2207e+01
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	2.4621e+02	-6.4161e+01	-9.6379e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	1.5805e+02	2.0876e+01	-1.6428e+02
	776	0.0000e+00	0.0000e+00	0.0000e+00	1.1409e+02	-4.4355e+01	-1.1449e+02
	766	0.0000e+00	0.0000e+00	0.0000e+00	1.6561e+02	-6.7871e+01	-4.6598e+01
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	6.5513e+02	5.2052e+00	-1.0380e+02
	774	0.0000e+00	0.0000e+00	0.0000e+00	1.8689e+02	8.2870e+01	-2.7970e+02
	775	0.0000e+00	0.0000e+00	0.0000e+00	1.9809e+02	-6.3247e+01	-2.0883e+02
	765	0.0000e+00	0.0000e+00	0.0000e+00	3.2120e+02	-1.4003e+02	-3.2943e+01
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	7.4389e+01	5.0021e+02	1.4900e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	2.2659e+03	5.7642e+02	-4.5105e+02
	774	0.0000e+00	0.0000e+00	0.0000e+00	3.7140e+02	-4.6228e+02	-6.6012e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	8.6771e+02	6.9712e+01	-6.0078e+01
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	1.3250e+02	4.7130e+01	5.9887e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	1.6578e+02	-1.2405e+01	7.6248e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	3.7194e+02	1.1672e+02	7.1283e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	-4.8247e+01	6.8708e+01	5.4922e+01
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	1.0303e+02	-4.7411e+01	3.5266e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	1.2448e+02	-3.7630e+01	5.8948e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	1.3322e+02	-2.2894e+01	5.2328e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	1.3821e+02	3.6105e+00	2.8756e+01
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	7.9789e+01	-6.0799e+01	3.5717e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	9.2985e+01	-5.3289e+01	5.3780e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	1.1683e+02	-4.4820e+01	5.6856e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	8.9460e+01	-4.4013e+01	3.8793e+01
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	6.7263e+01	-6.6830e+01	2.8013e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	8.0033e+01	-5.6048e+01	3.5235e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	8.7742e+01	-5.3028e+01	4.3471e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	7.3101e+01	-6.0218e+01	3.6227e+01
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	7.0051e+01	-6.8722e+01	1.8977e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	8.2031e+01	-5.7624e+01	1.5160e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	7.9218e+01	-5.6989e+01	2.4773e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	6.6017e+01	-6.6981e+01	2.8600e+01
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	8.9652e+01	-6.8558e+01	1.1867e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	1.0194e+02	-6.0040e+01	-5.9385e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	8.5758e+01	-6.0720e+01	4.0999e+00
	758	0.0000e+00	0.0000e+00	0.0000e+00	7.4596e+01	-7.1121e+01	2.0478e+01
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	1.3001e+02	-6.1288e+01	1.3791e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	1.4788e+02	-6.5296e+01	-2.1722e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	1.1135e+02	-6.5329e+01	-1.9227e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	1.0185e+02	-7.4859e+01	1.6330e+01
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	1.7966e+02	-2.8233e+01	4.1197e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	2.4808e+02	-7.3230e+01	-1.8573e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	1.6522e+02	-6.9147e+01	-3.8062e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	1.5304e+02	-7.1620e+01	2.1714e+01

1840	754	0.0000e+00	0.0000e+00	0.0000e+00	2.2402e+02	8.1780e+01	1.1505e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	3.4919e+02	-6.4840e+01	6.3809e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	2.6745e+02	-5.0227e+01	-7.9760e+00
	755	0.0000e+00	0.0000e+00	0.0000e+00	2.1176e+02	-4.0552e+01	4.3366e+01
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	1.6889e+02	2.4040e+02	2.2921e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	4.0938e+02	3.0565e+02	3.5996e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	4.3472e+02	2.2384e+02	9.7274e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	1.6754e+02	1.5551e+02	8.4199e+01
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	5.8285e+01	3.7841e+01	4.3655e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	9.6456e+01	-7.2393e+00	4.9665e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	2.5946e+02	8.4152e+01	4.8675e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	-9.8969e+01	4.2377e+01	4.2639e+01
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	4.4922e+01	-3.7869e+01	2.0208e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	8.6522e+01	-3.5531e+01	2.5584e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	7.5534e+01	-1.0020e+01	2.2632e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	6.6324e+01	3.4407e+00	1.7412e+01
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	3.8604e+01	-5.8583e+01	2.4813e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	6.7588e+01	-6.0586e+01	3.2700e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	8.1089e+01	-4.9019e+01	2.8219e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	4.0327e+01	-4.0988e+01	2.0502e+01
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	3.3755e+01	-6.8046e+01	2.6920e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	5.9289e+01	-6.8851e+01	3.0324e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	6.3868e+01	-6.4848e+01	2.8112e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	3.5739e+01	-6.0633e+01	2.4755e+01
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	3.6174e+01	-6.8932e+01	3.0524e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	6.2727e+01	-7.2255e+01	2.6730e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	5.8832e+01	-7.0546e+01	2.4582e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	3.3549e+01	-6.9018e+01	2.8368e+01
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	4.6677e+01	-6.3032e+01	3.7947e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	7.9772e+01	-7.2940e+01	2.6055e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	6.5562e+01	-7.2299e+01	2.0850e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	3.9521e+01	-7.0710e+01	3.2702e+01
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	6.2468e+01	-4.5117e+01	5.2563e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	1.1010e+02	-6.7431e+01	3.4424e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	8.5985e+01	-6.9706e+01	2.2180e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	5.3581e+01	-6.5253e+01	4.0287e+01
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	7.1323e+01	-3.7891e+00	7.2893e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.4701e+02	-3.7931e+01	5.7297e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	1.1967e+02	-5.4372e+01	3.6623e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	7.0085e+01	-4.3581e+01	5.2212e+01
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	6.1499e+01	6.5314e+01	7.1316e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	1.4445e+02	6.7704e+01	8.3953e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	1.5914e+02	-8.6343e+00	7.5526e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	6.9730e+01	1.2190e+01	6.2889e+01
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	3.8452e+01	1.2579e+02	1.2353e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	1.3446e+02	1.9193e+02	3.0449e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	1.6243e+02	1.2435e+02	7.3306e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	4.3286e+01	9.7055e+01	5.5206e+01
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	2.2603e+01	2.6539e+01	3.7511e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	2.9807e+01	-1.2131e+01	3.9965e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	1.6528e+02	5.7598e+01	3.7670e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	-1.5004e+02	2.4231e+01	3.5197e+01
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	-2.7838e+01	-3.3476e+01	1.6440e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	3.0655e+01	-3.2368e+01	1.5848e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	1.9711e+01	-9.9998e+00	1.4767e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	1.9453e+01	-6.3747e+00	1.5390e+01
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	-2.7343e+01	-5.1291e+01	2.1528e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	2.4014e+01	-5.8085e+01	2.2827e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	2.7884e+01	-4.4311e+01	1.7208e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-2.8932e+01	-3.7764e+01	1.6088e+01
1855	739	0.0000e+00	0.0000e+00	0.0000e+00	-2.7697e+01	-6.0132e+01	2.7741e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	2.1190e+01	-6.7950e+01	2.8276e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	2.2055e+01	-6.2789e+01	2.1225e+01

	740	0.0000e+00	0.0000e+00	0.0000e+00	-2.7609e+01	-5.4627e+01	2.0745e+01
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	-2.6637e+01	-5.9598e+01	3.7009e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	2.2790e+01	-7.0157e+01	3.4997e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	2.0854e+01	-6.9268e+01	2.6572e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	-2.7353e+01	-6.1247e+01	2.8573e+01
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	2.4580e+01	-5.1178e+01	4.8618e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	2.9499e+01	-6.5383e+01	4.4295e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	2.3995e+01	-6.8303e+01	3.3848e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	-2.5425e+01	-5.9730e+01	3.8156e+01
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	2.3775e+01	-3.2817e+01	6.0646e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	3.8396e+01	-4.8950e+01	5.7203e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	3.2361e+01	-5.9328e+01	4.5230e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	2.3338e+01	-4.9437e+01	4.8666e+01
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	-2.7324e+01	-2.5491e+00	6.5558e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	4.0516e+01	-1.0169e+01	6.9061e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	4.2616e+01	-3.6099e+01	6.0929e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	2.4161e+01	-2.6470e+01	5.7423e+01
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	-3.7899e+01	3.6263e+01	5.0001e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	2.9845e+01	5.4184e+01	6.3195e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	4.5455e+01	9.4867e+00	7.0643e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	-3.1796e+01	1.1166e+01	5.7450e+01
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	-4.7098e+01	6.2829e+01	1.0647e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	2.2365e+01	1.0112e+02	1.9521e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	3.4193e+01	7.4165e+01	4.8087e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	-4.5118e+01	5.0169e+01	3.9213e+01
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	-7.7526e+01	1.7209e+01	3.4886e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	-4.6582e+01	-1.7826e+01	3.5843e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	8.3715e+01	3.9412e+01	3.1996e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	-1.9783e+02	1.2722e+01	3.1033e+01
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	-8.4062e+01	-3.1271e+01	1.6430e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-4.1023e+01	-3.0786e+01	1.4632e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	-5.6887e+01	-1.3231e+01	1.3891e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-7.0911e+01	-1.0565e+01	1.5658e+01
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	-8.2524e+01	-4.3800e+01	2.1134e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	-4.3002e+01	-5.1950e+01	2.0466e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	-4.2337e+01	-3.9823e+01	1.5183e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-8.4513e+01	-3.4779e+01	1.5855e+01
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	-8.2560e+01	-4.9683e+01	2.8150e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	-4.3721e+01	-5.9804e+01	2.8023e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	-4.4382e+01	-5.5314e+01	1.9797e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-8.2119e+01	-4.6783e+01	1.9926e+01
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	-8.3188e+01	-4.7747e+01	3.8295e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	-4.3439e+01	-5.9800e+01	3.8333e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	-4.4094e+01	-6.0292e+01	2.8252e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	-8.2339e+01	-5.0368e+01	2.8198e+01
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	-8.4961e+01	-3.9792e+01	4.9115e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	-4.2630e+01	-5.2252e+01	4.9749e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	-4.3000e+01	-5.7430e+01	3.9120e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	-8.3205e+01	-4.6965e+01	3.8473e+01
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	-8.8813e+01	-2.6500e+01	5.6961e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	-4.3523e+01	-3.5307e+01	5.9662e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	-4.1474e+01	-4.6992e+01	5.1021e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	-8.5893e+01	-3.7205e+01	4.8312e+01
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	-9.5420e+01	-9.0925e+00	5.5714e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	-4.8705e+01	-7.3646e+00	6.1878e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	-4.1783e+01	-2.7205e+01	5.9995e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	-9.1569e+01	-2.1400e+01	5.3829e+01
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.0380e+02	9.0799e+00	3.9489e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	-5.6942e+01	2.6485e+01	4.7602e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	-4.6602e+01	2.9469e+00	5.7444e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.0001e+02	2.2243e+00	4.9333e+01
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.0829e+02	2.0978e+01	1.0097e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-6.2024e+01	4.6576e+01	1.4267e+01

	734	0.0000e+00	0.0000e+00	0.0000e+00	-5.5281e+01	3.4189e+01	3.4745e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.0775e+02	1.5136e+01	3.0583e+01
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	-1.3328e+02	9.4428e+00	3.3030e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-1.0415e+02	-2.2139e+01	3.3552e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	2.2806e+01	2.7422e+01	2.9223e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-2.4101e+02	6.4971e+00	2.8701e+01
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.3968e+02	-2.9927e+01	1.6670e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-9.8324e+01	-2.9788e+01	1.5270e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	-1.1335e+02	-1.6481e+01	1.4567e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-1.2739e+02	-1.4131e+01	1.5924e+01
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.3844e+02	-3.7538e+01	2.0876e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-9.9710e+01	-4.5136e+01	2.0292e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	-9.9380e+01	-3.6221e+01	1.5544e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.3993e+02	-3.1994e+01	1.6052e+01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.3913e+02	-4.0323e+01	2.7101e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0064e+02	-4.9701e+01	2.7532e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	-1.0094e+02	-4.7003e+01	1.9889e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.3802e+02	-3.9451e+01	1.9422e+01
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.4192e+02	-3.7204e+01	3.5678e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.0241e+02	-4.7933e+01	3.7635e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	-1.0129e+02	-4.9385e+01	2.8356e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.3938e+02	-4.0452e+01	2.6373e+01
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.4722e+02	-3.0416e+01	4.4388e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.0543e+02	-4.0718e+01	4.8037e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	-1.0279e+02	-4.5531e+01	3.8738e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.4305e+02	-3.6323e+01	3.5067e+01
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.5413e+02	-2.2577e+01	5.0333e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.0999e+02	-2.8886e+01	5.5280e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	-1.0538e+02	-3.6872e+01	4.8455e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.4950e+02	-2.8853e+01	4.3495e+01
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	-1.6073e+02	-1.6762e+01	4.8857e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.1559e+02	-1.4025e+01	5.3960e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	-1.0920e+02	-2.4598e+01	5.3382e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.5758e+02	-2.0700e+01	4.8277e+01
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	-1.6558e+02	-1.4338e+01	3.5261e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.2014e+02	8.0957e-01	3.9011e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	-1.1398e+02	-1.0444e+01	4.7827e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	-1.6468e+02	-1.5002e+01	4.4082e+01
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.6752e+02	-1.2149e+01	1.0189e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.2244e+02	8.2039e+00	1.1760e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	-1.1867e+02	2.6136e+00	2.8335e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	-1.6832e+02	-1.3315e+01	2.6779e+01
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	-1.8341e+02	2.1445e+00	3.0805e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-1.5709e+02	-2.5501e+01	3.1323e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	-6.4216e+01	1.8801e+01	2.8121e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-2.7832e+02	-8.1326e+00	2.7607e+01
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	-1.8854e+02	-2.8778e+01	1.6532e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.5266e+02	-2.8712e+01	1.5606e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	-1.6560e+02	-1.9324e+01	1.4845e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-1.7770e+02	-1.6849e+01	1.5710e+01
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	-1.8635e+02	-3.3283e+01	2.0597e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.5411e+02	-3.8805e+01	1.9936e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	-1.5343e+02	-3.3298e+01	1.5854e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	-1.8849e+02	-2.9202e+01	1.6355e+01
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	-1.8726e+02	-3.4443e+01	2.4596e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.5553e+02	-4.0696e+01	2.5552e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	-1.5495e+02	-3.9818e+01	1.9826e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-1.8609e+02	-3.4204e+01	1.8800e+01
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	-1.9271e+02	-3.0548e+01	2.9286e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.5938e+02	-3.7978e+01	3.3337e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	-1.5642e+02	-3.9841e+01	2.6681e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	-1.8815e+02	-3.4201e+01	2.2593e+01
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	-2.0322e+02	-2.3687e+01	3.4470e+01

	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.6604e+02	-3.2021e+01	4.1679e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	-1.6089e+02	-3.5255e+01	3.4552e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	-1.9499e+02	-2.9750e+01	2.7306e+01
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	-2.1661e+02	-1.7829e+01	3.9726e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.7415e+02	-2.5537e+01	4.8294e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	-1.6784e+02	-2.8441e+01	4.1779e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	-2.0692e+02	-2.3225e+01	3.3185e+01
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	-2.2774e+02	-1.9873e+01	4.2112e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	-1.8066e+02	-2.1945e+01	4.8413e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	-1.7503e+02	-2.3005e+01	4.5637e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	-2.2138e+02	-1.9325e+01	3.9332e+01
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	-2.3217e+02	-3.3687e+01	3.4535e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	-1.8275e+02	-2.2825e+01	3.5809e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	-1.7938e+02	-2.2329e+01	4.1723e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	-2.3270e+02	-2.4320e+01	4.0459e+01
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	-2.3331e+02	-4.3949e+01	1.0742e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.8250e+02	-2.4167e+01	1.0413e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	-1.8031e+02	-2.4753e+01	2.6024e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	-2.3583e+02	-3.9029e+01	2.6372e+01
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	-2.2500e+02	-5.9308e+00	2.9424e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-2.0303e+02	-2.8634e+01	2.9010e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	-1.2192e+02	-1.1024e+01	2.8399e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	-3.0881e+02	-1.8080e+01	2.8829e+01
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	-2.2278e+02	-2.7369e+01	1.9285e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	-1.9917e+02	-2.6342e+01	1.6119e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	-2.1130e+02	-2.1736e+01	1.4506e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	-2.1725e+02	-1.6338e+01	1.7450e+01
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	-2.1523e+02	-3.2735e+01	2.3005e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-1.9834e+02	-3.3596e+01	1.9572e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	-1.9856e+02	-3.0749e+01	1.6928e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	-2.2166e+02	-2.6246e+01	2.0123e+01
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	-2.1493e+02	-3.5006e+01	2.1245e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	-1.9879e+02	-3.5125e+01	2.1720e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	-1.9797e+02	-3.5127e+01	2.0357e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	-2.1487e+02	-3.3278e+01	1.9800e+01
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	-2.2361e+02	-3.1117e+01	1.7852e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	-2.0497e+02	-3.2314e+01	2.4449e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	-1.9980e+02	-3.4242e+01	2.3413e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	-2.1657e+02	-3.4656e+01	1.6767e+01
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	-2.4220e+02	-2.2495e+01	1.5483e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	-2.1762e+02	-2.6506e+01	2.8440e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	-2.0818e+02	-2.8803e+01	2.6174e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	-2.2751e+02	-3.0012e+01	1.3085e+01
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	-2.6958e+02	-1.2851e+01	1.7152e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	-2.3461e+02	-2.1934e+01	3.4612e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	-2.2289e+02	-2.1266e+01	2.9451e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	-2.4840e+02	-2.1813e+01	1.1913e+01
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	-2.9992e+02	-1.1327e+01	2.4745e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	-2.4926e+02	-2.5913e+01	4.1233e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	-2.4026e+02	-1.7439e+01	3.3157e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	-2.7770e+02	-1.5415e+01	1.6792e+01
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	-3.1374e+02	-4.2467e+01	3.2690e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	-2.5449e+02	-4.2444e+01	3.6809e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	-2.5081e+02	-2.7542e+01	3.4405e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	-3.0897e+02	-2.2244e+01	3.0357e+01
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	-3.1840e+02	-8.1612e+01	1.1682e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-2.5058e+02	-5.7772e+01	9.5795e+00
	704	0.0000e+00	0.0000e+00	0.0000e+00	-2.4925e+02	-5.0918e+01	2.6059e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	-3.2308e+02	-6.2970e+01	2.8180e+01
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	-2.4580e+02	-4.7833e+00	3.9823e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	-2.4060e+02	-2.9014e+01	3.1309e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	-1.6907e+02	-1.3453e+01	3.0448e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	-3.3499e+02	-3.4468e+01	3.8929e+01

1903	689	0.0000e+00	0.0000e+00	0.0000e+00	-2.2062e+02	-2.2696e+01	3.6258e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	-2.2951e+02	-2.0940e+01	2.1782e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	-2.4515e+02	-2.1629e+01	1.8625e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-2.3201e+02	-1.3044e+01	3.2797e+01
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	-2.0502e+02	-3.5696e+01	3.1244e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	-2.1925e+02	-3.1928e+01	2.2036e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	-2.2288e+02	-2.8348e+01	2.5547e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	-2.1836e+02	-3.2307e+01	3.4690e+01
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	-2.0434e+02	-4.3982e+01	1.6667e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	-2.1649e+02	-3.6465e+01	1.6586e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	-2.1609e+02	-3.5069e+01	2.4523e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	-2.0483e+02	-4.4478e+01	2.4570e+01
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	-2.1675e+02	-4.3268e+01	1.5080e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	-2.2531e+02	-3.4265e+01	9.5115e+00
	699	0.0000e+00	0.0000e+00	0.0000e+00	-2.1735e+02	-3.5868e+01	1.8722e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	-2.0705e+02	-4.6873e+01	9.1068e+00
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	-2.4352e+02	-3.4596e+01	-1.7402e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	-2.4642e+02	-2.6749e+01	4.3230e+00
	698	0.0000e+00	0.0000e+00	0.0000e+00	-2.3048e+02	-3.0037e+01	1.1585e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-2.2266e+02	-4.0645e+01	-8.7500e+00
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	-2.8812e+02	-1.9419e+01	-3.0783e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	-2.7998e+02	-1.8228e+01	5.3106e+00
	697	0.0000e+00	0.0000e+00	0.0000e+00	-2.5656e+02	-1.9218e+01	6.6533e+00
	681	0.0000e+00	0.0000e+00	0.0000e+00	-2.5312e+02	-2.7739e+01	-2.6421e+01
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	-3.5778e+02	6.8438e+00	-3.1095e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	-3.1924e+02	-1.9300e+01	1.4663e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	-2.9581e+02	8.6412e+00	6.9555e+00
	679	0.0000e+00	0.0000e+00	0.0000e+00	-3.0178e+02	-1.1714e+01	-3.9086e+01
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	-4.2840e+02	8.7934e+00	8.6631e+00
	694	0.0000e+00	0.0000e+00	0.0000e+00	-3.5171e+02	-5.3052e+01	4.1463e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	-3.3647e+02	-9.2379e+00	1.3455e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	-3.7421e+02	-7.6106e+00	-2.6910e+01
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	-4.7020e+02	-1.1251e+02	6.5028e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	-3.4236e+02	-1.0256e+02	1.1841e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	-3.3685e+02	-7.4220e+01	2.5992e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	-4.6451e+02	-9.4841e+01	2.0666e+01
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	-1.7428e+02	-3.6774e+01	1.1703e+02
	691	0.0000e+00	0.0000e+00	0.0000e+00	-2.6493e+02	-1.0119e+01	4.9348e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	-1.8192e+02	-3.1351e+01	2.7239e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-3.8486e+02	4.4466e+01	9.4740e+01
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	-1.3851e+02	-8.7434e+01	6.6399e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	-2.0360e+02	1.5904e+01	3.1522e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-2.5729e+02	-1.6726e+01	4.6761e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	-1.4880e+02	2.5749e+01	8.1633e+01
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.3029e+02	-9.2862e+01	3.5166e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	-1.8268e+02	-3.8939e+01	2.4074e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	-2.0334e+02	-3.1131e+01	4.2256e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-1.3001e+02	-1.4786e+01	5.3338e+01
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.3574e+02	-8.6698e+01	6.3860e+00
	685	0.0000e+00	0.0000e+00	0.0000e+00	-1.8349e+02	-4.8727e+01	8.2952e+00
	687	0.0000e+00	0.0000e+00	0.0000e+00	-1.8721e+02	-4.4708e+01	2.7083e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.2855e+02	-4.6345e+01	2.5182e+01
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	-1.5185e+02	-7.2959e+01	-2.3484e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-1.9859e+02	-4.8114e+01	-1.0988e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	-1.8838e+02	-4.8873e+01	9.2199e+00
	686	0.0000e+00	0.0000e+00	0.0000e+00	-1.3907e+02	-6.6766e+01	-3.3561e+00
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.7953e+02	-5.3703e+01	-5.6493e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	-2.2845e+02	-3.9134e+01	-3.2529e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-2.0410e+02	-4.3866e+01	-1.0405e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-1.5986e+02	-7.6343e+01	-3.4353e+01
1918	680	0.0000e+00	0.0000e+00	0.0000e+00	-2.2384e+02	-3.1048e+01	-9.4578e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	-2.7898e+02	-2.3862e+01	-5.4753e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	-2.3654e+02	-3.0190e+01	-3.0313e+01



	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.9314e+02	-7.5395e+01	-7.0127e+01
1919	678	0.0000e+00	0.0000e+00	0.0000e+00	-2.9851e+02	-1.5596e+01	-1.4000e+02
	677	0.0000e+00	0.0000e+00	0.0000e+00	-3.6612e+02	-7.3830e+00	-7.2495e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	-2.9464e+02	8.8703e+00	-4.6667e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-2.4605e+02	-6.2361e+01	-1.1415e+02
1920	676	0.0000e+00	0.0000e+00	0.0000e+00	-4.3767e+02	-2.9116e+01	-1.8833e+02
	675	0.0000e+00	0.0000e+00	0.0000e+00	-5.3881e+02	-2.7188e+01	-6.0564e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	-4.0576e+02	3.6365e+01	-4.5384e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-3.3622e+02	3.1699e+01	-1.7306e+02
1921	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.2122e+03	-1.2294e+02	-1.8675e+02
	577	0.0000e+00	0.0000e+00	0.0000e+00	-3.8402e+02	-1.8155e+02	5.7559e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	-6.2526e+02	-3.2654e+01	-5.1067e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-5.2133e+02	1.4015e+02	-2.9523e+02
1922	664	0.0000e+00	0.0000e+00	0.0000e+00	8.0780e+02	1.0762e+01	6.5201e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	3.3716e+02	-4.1084e+02	6.5527e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	2.2469e+03	5.1007e+02	4.3611e+02
	665	0.0000e+00	0.0000e+00	0.0000e+00	8.9201e+01	5.2287e+02	-1.5396e+02
1923	663	0.0000e+00	0.0000e+00	0.0000e+00	2.7303e+02	-1.2218e+02	4.4171e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	1.6827e+02	-5.7132e+01	1.9883e+02
	674	0.0000e+00	0.0000e+00	0.0000e+00	1.7462e+02	6.4313e+01	2.7884e+02
	664	0.0000e+00	0.0000e+00	0.0000e+00	5.7880e+02	-2.9221e+01	1.2418e+02
1924	662	0.0000e+00	0.0000e+00	0.0000e+00	1.4037e+02	-6.4318e+01	5.1904e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	9.8776e+01	-3.9038e+01	1.0331e+02
	673	0.0000e+00	0.0000e+00	0.0000e+00	1.2919e+02	6.6534e+00	1.5171e+02
	663	0.0000e+00	0.0000e+00	0.0000e+00	2.1367e+02	-6.3979e+01	1.0030e+02
1925	661	0.0000e+00	0.0000e+00	0.0000e+00	9.2648e+01	-5.5029e+01	2.6592e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	7.8538e+01	-3.2299e+01	4.4583e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	8.3379e+01	-1.6153e+01	7.7138e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	1.2407e+02	-5.7933e+01	5.9147e+01
1926	660	0.0000e+00	0.0000e+00	0.0000e+00	7.9961e+01	-5.3057e+01	3.7392e-01
	670	0.0000e+00	0.0000e+00	0.0000e+00	7.2813e+01	-3.0915e+01	4.5007e+00
	671	0.0000e+00	0.0000e+00	0.0000e+00	7.3495e+01	-2.6070e+01	2.9710e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	8.7664e+01	-5.3879e+01	2.5544e+01
1927	659	0.0000e+00	0.0000e+00	0.0000e+00	8.9239e+01	-5.5593e+01	-2.7860e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	7.5416e+01	-2.7754e+01	-3.3508e+01
	670	0.0000e+00	0.0000e+00	0.0000e+00	7.3111e+01	-3.1267e+01	-8.2292e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	8.0152e+01	-5.3512e+01	-2.5942e+00
1928	658	0.0000e+00	0.0000e+00	0.0000e+00	1.2756e+02	-6.1914e+01	-6.1761e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	8.7549e+01	-1.9878e+01	-8.1313e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	8.1072e+01	-3.4710e+01	-4.8514e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	9.4611e+01	-5.7655e+01	-2.8963e+01
1929	657	0.0000e+00	0.0000e+00	0.0000e+00	2.1940e+02	-7.0420e+01	-1.0360e+02
	667	0.0000e+00	0.0000e+00	0.0000e+00	1.3561e+02	1.0705e+00	-1.5670e+02
	668	0.0000e+00	0.0000e+00	0.0000e+00	1.0361e+02	-4.3542e+01	-1.0775e+02
	658	0.0000e+00	0.0000e+00	0.0000e+00	1.4427e+02	-6.9205e+01	-5.4650e+01
1930	656	0.0000e+00	0.0000e+00	0.0000e+00	5.8693e+02	-3.8463e+01	-1.2897e+02
	666	0.0000e+00	0.0000e+00	0.0000e+00	1.8341e+02	5.6716e+01	-2.8542e+02
	667	0.0000e+00	0.0000e+00	0.0000e+00	1.7544e+02	-6.3708e+01	-2.0426e+02
	657	0.0000e+00	0.0000e+00	0.0000e+00	2.7916e+02	-1.2938e+02	-4.7804e+01
1931	655	0.0000e+00	0.0000e+00	0.0000e+00	1.0325e+02	5.0837e+02	1.4469e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	2.2526e+03	5.0144e+02	-4.4640e+02
	666	0.0000e+00	0.0000e+00	0.0000e+00	3.4676e+02	-4.1872e+02	-6.6163e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	8.1583e+02	1.3070e+00	-7.0529e+01
1932	653	0.0000e+00	0.0000e+00	0.0000e+00	1.7927e+02	1.4949e+02	-6.8316e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	4.3567e+02	1.6099e+02	-8.7396e+01
	665	0.0000e+00	0.0000e+00	0.0000e+00	4.1134e+02	3.2962e+02	-3.4573e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	1.6511e+02	2.3643e+02	-1.5494e+01
1933	652	0.0000e+00	0.0000e+00	0.0000e+00	2.0696e+02	-5.9210e+01	-2.8983e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	2.4361e+02	-6.2299e+01	3.4096e+01
	664	0.0000e+00	0.0000e+00	0.0000e+00	3.4556e+02	-7.3534e+01	-3.9438e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	2.3229e+02	6.9111e+01	-1.0252e+02
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	1.3858e+02	-7.2870e+01	-5.3935e+00
	662	0.0000e+00	0.0000e+00	0.0000e+00	1.4601e+02	-7.0850e+01	4.8931e+01

	663	0.0000e+00	0.0000e+00	0.0000e+00	2.2608e+02	-6.8182e+01	3.4161e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	1.6807e+02	-3.6889e+01	-2.0166e+01
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	9.3464e+01	-7.1855e+01	1.8857e-01
	661	0.0000e+00	0.0000e+00	0.0000e+00	1.0005e+02	-6.4288e+01	2.7272e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	1.3104e+02	-6.1885e+01	3.1109e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	1.1728e+02	-6.1919e+01	3.9097e+00
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	7.7450e+01	-6.9143e+01	-2.3909e+00
	660	0.0000e+00	0.0000e+00	0.0000e+00	8.5172e+01	-6.0868e+01	5.4290e+00
	661	0.0000e+00	0.0000e+00	0.0000e+00	9.3449e+01	-5.9453e+01	1.3358e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	8.4827e+01	-6.6887e+01	5.5740e+00
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	8.5891e+01	-6.8684e+01	-6.3893e+00
	659	0.0000e+00	0.0000e+00	0.0000e+00	9.4892e+01	-6.1358e+01	-1.5238e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	8.5356e+01	-6.1206e+01	-7.3189e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	7.7572e+01	-6.9582e+01	1.6518e+00
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	1.1982e+02	-6.6100e+01	-4.6861e+00
	658	0.0000e+00	0.0000e+00	0.0000e+00	1.3430e+02	-6.6101e+01	-3.3155e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	1.0191e+02	-6.6918e+01	-2.9300e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	9.4807e+01	-7.4559e+01	-1.0532e+00
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	1.7289e+02	-4.3808e+01	1.9417e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	2.3160e+02	-7.4870e+01	-3.6684e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	1.4981e+02	-7.5951e+01	-5.1298e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	1.4152e+02	-7.8048e+01	4.8520e+00
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	2.4093e+02	5.8723e+01	1.0153e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	3.5435e+02	-8.2920e+01	3.5688e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	2.4999e+02	-7.0215e+01	-3.7259e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	2.1243e+02	-6.7289e+01	2.8587e+01
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	1.8085e+02	2.2179e+02	1.4836e+01
	655	0.0000e+00	0.0000e+00	0.0000e+00	4.2618e+02	3.1552e+02	2.8812e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	4.4569e+02	1.4931e+02	8.2182e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	1.8951e+02	1.3727e+02	6.8199e+01
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	4.4083e+01	9.7728e+01	-4.7757e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	1.6652e+02	1.2060e+02	-6.6424e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	1.3703e+02	1.8896e+02	-2.3523e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	3.6457e+01	1.2681e+02	-4.8609e+00
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	7.4097e+01	3.5799e+00	-4.9647e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	1.5565e+02	-2.4095e+01	-5.9536e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	1.4262e+02	5.5062e+01	-7.5553e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	6.7364e+01	5.9140e+01	-6.5664e+01
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	6.9417e+01	-4.6315e+01	-3.3370e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	1.1220e+02	-5.9601e+01	-1.5734e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	1.4415e+02	-4.3513e+01	-3.9604e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	7.2940e+01	-9.4948e+00	-5.7239e+01
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	5.2691e+01	-6.1073e+01	-1.6550e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	8.1321e+01	-6.8816e+01	-1.2602e+00
	651	0.0000e+00	0.0000e+00	0.0000e+00	1.0377e+02	-6.5559e+01	-1.5307e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	6.0799e+01	-4.5430e+01	-3.0614e+01
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	4.4159e+01	-6.3309e+01	-2.8055e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	6.9669e+01	-7.0256e+01	2.6928e+00
	650	0.0000e+00	0.0000e+00	0.0000e+00	7.7019e+01	-6.9247e+01	-6.0645e+00
	639	0.0000e+00	0.0000e+00	0.0000e+00	4.7437e+01	-5.8936e+01	-1.1472e+01
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	4.7892e+01	-6.0519e+01	1.1484e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	7.7960e+01	-7.1209e+01	5.5401e+00
	649	0.0000e+00	0.0000e+00	0.0000e+00	6.9722e+01	-7.0529e+01	-3.3959e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	4.4230e+01	-6.3694e+01	2.7927e+00
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	6.2058e+01	-4.9085e+01	3.1244e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	1.0602e+02	-6.9877e+01	1.5100e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	8.2414e+01	-7.1380e+01	1.0179e+00
	637	0.0000e+00	0.0000e+00	0.0000e+00	5.3321e+01	-6.3473e+01	1.6795e+01
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	7.5871e+01	-1.5477e+01	5.9070e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.4856e+02	-5.0505e+01	3.9909e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	1.1476e+02	-6.4702e+01	1.5315e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	7.1031e+01	-5.0945e+01	3.4476e+01
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	7.3644e+01	5.0488e+01	6.9620e+01

	645	0.0000e+00	0.0000e+00	0.0000e+00	1.5103e+02	4.4728e+01	7.6666e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	1.6071e+02	-3.2215e+01	5.9382e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	7.7861e+01	-3.7166e+00	5.2344e+01
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	4.8958e+01	1.1544e+02	1.2610e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	1.5213e+02	1.7458e+02	2.6319e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	1.7613e+02	1.0861e+02	6.6952e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	5.2176e+01	8.7223e+01	5.3211e+01
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	-4.4283e+01	5.3618e+01	-3.1273e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	3.6568e+01	7.4525e+01	-4.0855e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	2.4137e+01	1.0176e+02	-1.1203e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-4.8688e+01	6.3907e+01	-1.6315e+00
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	-2.9266e+01	1.1949e+01	-4.6045e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	4.8413e+01	4.7408e+00	-5.9120e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	2.9654e+01	4.9177e+01	-5.6412e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-3.4097e+01	3.6606e+01	-4.3336e+01
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	2.2667e+01	-2.2657e+01	-3.8847e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	4.3543e+01	-3.7561e+01	-4.0835e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	4.2614e+01	-1.4082e+01	-5.4974e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	2.4649e+01	-9.6797e-01	-5.2986e+01
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	2.2664e+01	-3.9868e+01	-2.2063e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	3.3568e+01	-5.5192e+01	-1.8642e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	3.9512e+01	-4.6787e+01	-3.6120e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	2.2495e+01	-2.7479e+01	-3.9541e+01
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	2.4204e+01	-4.4804e+01	-2.4919e+00
	638	0.0000e+00	0.0000e+00	0.0000e+00	2.8869e+01	-6.0620e+01	8.1106e-01
	639	0.0000e+00	0.0000e+00	0.0000e+00	3.1499e+01	-5.8247e+01	-1.7102e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	2.3482e+01	-4.0808e+01	-1.9102e+01
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	2.4750e+01	-4.1856e+01	1.8938e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	3.1942e+01	-5.9991e+01	1.7164e+01
	638	0.0000e+00	0.0000e+00	0.0000e+00	2.8823e+01	-6.0749e+01	1.1064e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	2.4386e+01	-4.5067e+01	2.4062e+00
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	2.5057e+01	-2.9813e+01	4.0562e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	4.0535e+01	-5.0495e+01	3.7097e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	3.3908e+01	-5.7225e+01	1.8746e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	2.4255e+01	-4.1482e+01	2.2234e+01
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	2.8081e+01	-4.5375e+00	5.6325e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	4.5050e+01	-1.9977e+01	5.7681e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	4.4525e+01	-4.1656e+01	4.1850e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	2.5429e+01	-2.5682e+01	4.0513e+01
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	-3.6997e+01	3.1974e+01	5.0608e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	3.5209e+01	4.0808e+01	6.2064e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	5.1015e+01	-1.7085e+00	6.1914e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	-3.2329e+01	7.4644e+00	5.0470e+01
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	-4.8590e+01	5.8880e+01	1.5198e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	3.3927e+01	9.0885e+01	2.1706e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	4.2657e+01	6.5539e+01	4.6854e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	-4.5778e+01	4.7730e+01	4.0297e+01
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.0749e+02	2.0425e+01	-2.1887e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-5.4151e+01	3.6982e+01	-2.6247e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-6.0504e+01	4.7433e+01	-5.0187e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.0943e+02	2.1961e+01	-6.7094e-01
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	-9.8835e+01	6.3509e+00	-3.8354e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-4.4137e+01	5.7348e+00	-4.6604e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-5.7150e+01	2.7654e+01	-3.9992e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.0128e+02	1.3950e+01	-3.1739e+01
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	-9.0296e+01	-9.2026e+00	-3.6097e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-3.9799e+01	-2.0982e+01	-4.1398e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-4.7048e+01	-4.2746e+00	-4.9243e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-9.2866e+01	-6.1090e-01	-4.3941e+01
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	-8.5884e+01	-1.9461e+01	-2.1907e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	-4.0157e+01	-3.5822e+01	-2.3512e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-4.1820e+01	-2.7507e+01	-3.9007e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-8.7198e+01	-1.3261e+01	-3.7403e+01

1966	616	0.0000e+00	0.0000e+00	0.0000e+00	-8.5303e+01	-2.3268e+01	-2.7626e+00
	627	0.0000e+00	0.0000e+00	0.0000e+00	-4.1672e+01	-4.1374e+01	-2.4313e+00
	628	0.0000e+00	0.0000e+00	0.0000e+00	-4.1327e+01	-3.8696e+01	-2.0247e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-8.5031e+01	-2.1005e+01	-2.0484e+01
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	-8.7444e+01	-2.1301e+01	1.8822e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	-4.2739e+01	-3.9913e+01	1.9789e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	-4.2075e+01	-4.1287e+01	2.0537e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	-8.5604e+01	-2.3329e+01	2.3562e+00
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	-9.2248e+01	-1.3715e+01	3.7283e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	-4.4835e+01	-2.9832e+01	3.9943e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	-4.2367e+01	-3.6855e+01	2.3240e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-8.8850e+01	-1.9886e+01	2.0653e+01
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.0033e+02	-7.4644e-01	4.6770e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	-5.1120e+01	-7.6205e+00	5.2843e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	-4.3583e+01	-2.3085e+01	4.2684e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	-9.5744e+01	-9.8058e+00	3.6651e+01
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.1083e+02	1.4739e+01	3.9431e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	-6.1266e+01	2.3503e+01	4.8009e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	-4.8911e+01	2.6679e+00	5.0823e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.0643e+02	5.9679e+00	4.2261e+01
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.2005e+02	2.4955e+01	1.5810e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	-6.4228e+01	4.3115e+01	1.9883e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	-5.8813e+01	3.3409e+01	3.5411e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.1683e+02	2.0955e+01	3.1270e+01
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	-1.6922e+02	-6.5149e+00	-1.8232e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.1861e+02	7.2425e+00	-1.9175e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.2127e+02	9.1906e+00	-2.1154e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.6848e+02	-1.1155e+01	-1.1693e+00
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	-1.6607e+02	-1.2991e+00	-3.3616e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.1332e+02	-9.1161e-01	-3.6876e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-1.2117e+02	5.8723e+00	-3.0767e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-1.6485e+02	-5.8979e+00	-2.7501e+01
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.5950e+02	2.0051e+00	-3.1852e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.0890e+02	-1.0336e+01	-3.5952e+01
	619	0.0000e+00	0.0000e+00	0.0000e+00	-1.1574e+02	-3.8434e+00	-4.1814e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-1.6094e+02	-1.8864e+00	-3.7713e+01
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.5372e+02	4.2257e+00	-1.9607e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.0654e+02	-1.7339e+01	-2.2500e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-1.1020e+02	-1.3314e+01	-3.5703e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.5582e+02	2.8638e+00	-3.2814e+01
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.5215e+02	5.5209e+00	-3.7399e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.0673e+02	-2.0565e+01	-3.8435e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.0719e+02	-1.9027e+01	-1.9636e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.5215e+02	4.7928e+00	-1.9354e+01
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.5588e+02	4.5806e+00	1.4821e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.0982e+02	-1.9496e+01	1.7292e+01
	616	0.0000e+00	0.0000e+00	0.0000e+00	-1.0734e+02	-2.0230e+01	2.4429e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.5264e+02	5.3383e+00	4.0117e+00
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	-1.6391e+02	2.4771e+00	2.9830e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.1602e+02	-1.3727e+01	3.4935e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	-1.1041e+02	-1.7078e+01	2.0475e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.5841e+02	3.7018e+00	1.5595e+01
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	-1.7368e+02	1.7140e+00	3.7667e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.2469e+02	-3.7399e+00	4.4084e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	-1.1601e+02	-9.8317e+00	3.5794e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-1.6850e+02	2.2947e+00	2.9470e+01
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	-1.8279e+02	-1.9852e+00	3.2260e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.3314e+02	7.2415e+00	3.8012e+01
	613	0.0000e+00	0.0000e+00	0.0000e+00	-1.2363e+02	4.7568e-01	4.0172e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-1.7967e+02	2.8819e+00	3.4446e+01
1981	600	0.0000e+00	0.0000e+00	0.0000e+00	-1.9169e+02	-3.4586e+00	1.3325e+01
	611	0.0000e+00	0.0000e+00	0.0000e+00	-1.3682e+02	1.3034e+01	1.6901e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	-1.3200e+02	1.0431e+01	2.8125e+01

	601	0.0000e+00	0.0000e+00	0.0000e+00	-1.8798e+02	-2.8160e+00	2.4400e+01
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	-2.3828e+02	-3.0429e+01	-1.9252e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-1.8144e+02	-1.8539e+01	-1.7267e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.8157e+02	-2.3057e+01	-1.3796e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	-2.3433e+02	-4.2706e+01	-3.3404e+00
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	-2.3639e+02	-5.5331e+00	-3.1059e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-1.8150e+02	-7.4591e+00	-3.1134e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-1.8528e+02	-1.3586e+01	-2.8018e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-2.3317e+02	-2.1702e+01	-2.7932e+01
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.2614e+02	7.6938e+00	-2.5111e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.7809e+02	2.8047e+00	-2.9909e+01
	608	0.0000e+00	0.0000e+00	0.0000e+00	-1.8329e+02	-5.5339e+00	-3.6914e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-2.3084e+02	1.2719e+00	-3.2118e+01
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	-2.1582e+02	1.1164e+01	-1.4504e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.7348e+02	4.1922e+00	-1.9570e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-1.7761e+02	3.9116e+00	-3.0593e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.2187e+02	9.6247e+00	-2.5541e+01
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	-2.1248e+02	1.1833e+01	-4.9303e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.7225e+02	5.2372e+00	-5.6814e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.7290e+02	4.8974e+00	-1.7196e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-2.1380e+02	1.1547e+01	-1.6185e+01
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	-2.1856e+02	1.2661e+01	8.4380e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.7681e+02	4.8898e+00	1.1807e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	-1.7304e+02	4.9751e+00	3.6068e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	-2.1315e+02	1.2158e+01	-7.3285e+00
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	-2.3240e+02	1.2711e+01	1.8679e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-1.8641e+02	3.2732e+00	2.6474e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	-1.7901e+02	4.0782e+00	1.4536e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-2.2193e+02	1.3062e+01	8.2440e+00
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	-2.4792e+02	6.5586e+00	2.7309e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-1.9743e+02	-1.9238e+00	3.5495e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	-1.8865e+02	2.7923e+00	2.6569e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-2.3808e+02	1.1871e+01	1.8810e+01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	-2.5817e+02	-1.0728e+01	2.6738e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-2.0548e+02	-6.7834e+00	3.1125e+01
	602	0.0000e+00	0.0000e+00	0.0000e+00	-1.9764e+02	-1.7644e+00	3.1010e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-2.5504e+02	2.6495e+00	2.6715e+01
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	-2.6859e+02	-2.5070e+01	8.9983e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	-2.0947e+02	-1.1737e+01	1.1647e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	-2.0400e+02	-9.1250e+00	2.2454e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-2.6510e+02	-1.7461e+01	1.9063e+01
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	-3.2712e+02	-5.2027e+01	-2.3499e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-2.5152e+02	-4.2847e+01	-1.8742e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-2.5010e+02	-5.6332e+01	-2.8146e+00
	588	0.0000e+00	0.0000e+00	0.0000e+00	-3.1931e+02	-7.8791e+01	-7.5223e+00
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	-3.1229e+02	1.8762e+00	-2.1952e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-2.5568e+02	-7.5833e+00	-2.4847e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-2.5860e+02	-2.9617e+01	-3.0571e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-3.1602e+02	-2.7437e+01	-2.7603e+01
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	-2.8280e+02	1.5208e+01	-6.8401e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.4560e+02	9.9750e+00	-2.0688e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-2.5335e+02	-4.9877e+00	-3.0567e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-3.0392e+02	1.0015e+01	-1.6561e+01
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	-2.6094e+02	1.6693e+01	-2.6902e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	-2.3269e+02	1.3140e+01	-1.4120e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.4026e+02	7.8683e+00	-2.0383e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-2.7642e+02	1.6964e+01	-9.0379e+00
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	-2.5369e+02	1.6543e+01	-5.7067e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	-2.2789e+02	1.2743e+01	-8.1707e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	-2.2967e+02	1.1366e+01	-1.1506e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-2.5782e+02	1.6602e+01	-8.5796e+00
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	-2.6290e+02	1.8063e+01	9.8550e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	-2.3451e+02	1.2384e+01	6.2290e+00

	594	0.0000e+00	0.0000e+00	0.0000e+00	-2.2876e+02	1.3252e+01	5.7581e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	-2.5446e+02	1.6990e+01	-1.2109e+01
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	-2.8779e+02	2.1057e+01	1.1689e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-2.5118e+02	1.0810e+01	1.3147e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	-2.3931e+02	1.5451e+01	7.4193e+00
	582	0.0000e+00	0.0000e+00	0.0000e+00	-2.6759e+02	1.9260e+01	-1.5184e+01
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	-3.2266e+02	1.8128e+01	1.2315e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-2.7125e+02	2.3922e+00	2.4035e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	-2.5849e+02	1.4903e+01	1.4080e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-2.9591e+02	2.0847e+01	1.3939e+01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	-3.4424e+02	-1.3742e+01	1.9450e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	-2.8502e+02	-1.8071e+01	2.6695e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	-2.7595e+02	1.8278e+00	1.9911e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-3.3310e+02	1.2097e+01	1.4627e+01
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	-3.5969e+02	-5.6590e+01	8.5291e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	-2.8772e+02	-3.8053e+01	6.7446e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	-2.8099e+02	-2.7835e+01	1.7429e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-3.5794e+02	-3.5159e+01	1.5478e+01
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	-4.6692e+02	-6.2813e+01	-1.8073e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-3.4403e+02	-6.2688e+01	-1.8357e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	-3.4232e+02	-9.8940e+01	-8.5779e+00
	577	0.0000e+00	0.0000e+00	0.0000e+00	-4.7005e+02	-1.1821e+02	-8.0575e+00
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	-3.7031e+02	1.5597e+01	3.3269e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-3.4012e+02	1.4833e+01	-6.8996e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	-3.5702e+02	-3.7457e+01	-3.5074e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	-4.3068e+02	1.9968e+01	-6.9711e+00
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	-3.0449e+02	1.6482e+01	3.6946e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-2.9926e+02	2.1033e+01	-2.5640e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	-3.2030e+02	3.9944e+00	-6.0889e+00
	573	0.0000e+00	0.0000e+00	0.0000e+00	-3.5625e+02	1.8705e+01	3.2359e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	-2.6861e+02	1.2309e+01	1.8228e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-2.6926e+02	1.7653e+01	-2.5888e+00
	585	0.0000e+00	0.0000e+00	0.0000e+00	-2.8528e+02	1.2996e+01	4.9812e+00
	571	0.0000e+00	0.0000e+00	0.0000e+00	-2.9419e+02	1.2441e+01	2.5260e+01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	-2.5706e+02	1.3325e+01	6.0613e+00
	583	0.0000e+00	0.0000e+00	0.0000e+00	-2.5889e+02	1.5512e+01	-1.0731e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-2.6318e+02	1.4346e+01	1.2513e+00
	569	0.0000e+00	0.0000e+00	0.0000e+00	-2.6378e+02	1.2915e+01	6.1843e+00
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	-2.6808e+02	1.3391e+01	-2.8240e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-2.6808e+02	1.5701e+01	-1.9368e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	-2.5975e+02	1.5967e+01	-8.5824e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	-2.5773e+02	1.3261e+01	-1.7272e+01
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	-3.0389e+02	1.5144e+01	-4.7759e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-2.9640e+02	1.6979e+01	-2.4069e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	-2.7595e+02	2.0330e+01	-1.6587e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-2.7430e+02	1.4264e+01	-4.0312e+01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	-3.7239e+02	2.5902e+01	-5.5530e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-3.3873e+02	1.1855e+01	1.8171e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	-3.1236e+02	2.7008e+01	-2.0378e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-3.1580e+02	2.2884e+01	-5.9548e+01
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	-4.5535e+02	3.2993e+01	-3.0588e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-3.8483e+02	-2.3267e+01	2.3143e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	-3.6098e+02	2.5718e+01	1.6440e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-3.8846e+02	2.7297e+01	-5.7080e+01
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	-5.0734e+02	-9.6835e+01	-1.9238e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	-3.8320e+02	-7.6429e+01	1.0148e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	-3.7541e+02	-4.4883e+01	1.2738e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	-4.9419e+02	-4.4710e+01	1.5871e+01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	-5.0021e+02	1.3790e+02	2.8904e+02
	575	0.0000e+00	0.0000e+00	0.0000e+00	-6.0992e+02	-1.0092e+01	5.0371e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	-3.9065e+02	-1.8701e+02	-6.1422e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-1.2026e+03	-1.1041e+02	1.7725e+02
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	-3.2739e+02	2.2722e+01	1.5563e+02

	573	0.0000e+00	0.0000e+00	0.0000e+00	-3.9056e+02	4.6147e+01	4.4699e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	-5.1480e+02	-6.5835e+00	6.6626e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	-4.2704e+02	-2.6392e+01	1.7757e+02
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	-2.5023e+02	-3.7958e+01	9.0547e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	-2.9623e+02	1.6692e+01	3.9373e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	-3.5544e+02	1.1792e+01	6.9406e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	-2.9432e+02	-1.0342e+01	1.2058e+02
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	-2.1422e+02	-4.3687e+01	4.0255e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	-2.5508e+02	1.1846e+01	1.6374e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	-2.8392e+02	1.0045e+01	4.5364e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	-2.3374e+02	-1.9014e+01	6.9316e+01
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	-2.0199e+02	-4.0274e+01	6.0410e+00
	567	0.0000e+00	0.0000e+00	0.0000e+00	-2.4322e+02	1.4837e+01	-1.1672e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	-2.5071e+02	1.4049e+01	1.7380e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	-2.0741e+02	-3.3395e+01	2.3719e+01
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	-2.0911e+02	-2.9315e+01	-4.8760e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-2.5495e+02	1.3595e+01	-3.9864e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-2.4328e+02	1.4727e+01	-1.1898e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	-2.0260e+02	-4.2552e+01	-2.0494e+01
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	-2.3808e+02	-1.1496e+01	-9.5148e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-2.9300e+02	1.1602e+01	-6.8333e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-2.5938e+02	1.2474e+01	-3.8760e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-2.1725e+02	-4.5047e+01	-6.5472e+01
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	-3.0200e+02	-1.3873e+01	-1.4790e+02
	561	0.0000e+00	0.0000e+00	0.0000e+00	-3.7043e+02	1.9617e+01	-9.3093e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-3.0518e+02	2.2365e+01	-6.2059e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-2.5626e+02	-3.8829e+01	-1.1675e+02
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	-4.3924e+02	-3.6191e+01	-2.0768e+02
	559	0.0000e+00	0.0000e+00	0.0000e+00	-5.3728e+02	1.0389e+01	-9.2007e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-4.0511e+02	5.6676e+01	-6.8160e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-3.3739e+02	2.4723e+01	-1.8361e+02
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.2177e+03	-9.1303e+01	-2.1274e+02
	558	0.0000e+00	0.0000e+00	0.0000e+00	-4.2610e+02	-1.6418e+02	3.4125e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	-6.3164e+02	2.1745e+01	-7.4903e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-5.1548e+02	1.4294e+02	-3.1970e+02
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	8.1610e+02	-1.4804e+00	7.0532e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	3.4751e+02	-4.1852e+02	6.6144e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	2.2530e+03	5.0190e+02	4.4641e+02
	548	0.0000e+00	0.0000e+00	0.0000e+00	1.0346e+02	5.0844e+02	-1.4450e+02
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	2.7962e+02	-1.2932e+02	4.7634e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	1.7638e+02	-6.3581e+01	2.0396e+02
	557	0.0000e+00	0.0000e+00	0.0000e+00	1.8420e+02	5.6917e+01	2.8520e+02
	547	0.0000e+00	0.0000e+00	0.0000e+00	5.8727e+02	-3.8355e+01	1.2887e+02
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	1.4489e+02	-6.9308e+01	5.4313e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	1.0479e+02	-4.3580e+01	1.0728e+02
	556	0.0000e+00	0.0000e+00	0.0000e+00	1.3661e+02	1.2030e+00	1.5631e+02
	546	0.0000e+00	0.0000e+00	0.0000e+00	2.1990e+02	-7.0436e+01	1.0335e+02
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	9.5421e+01	-5.8018e+01	2.8464e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	8.2537e+01	-3.5024e+01	4.7845e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	8.8797e+01	-1.9990e+01	8.0724e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	1.2822e+02	-6.2124e+01	6.1343e+01
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	8.1209e+01	-5.4270e+01	1.9549e+00
	553	0.0000e+00	0.0000e+00	0.0000e+00	7.4908e+01	-3.2005e+01	7.3795e+00
	554	0.0000e+00	0.0000e+00	0.0000e+00	7.6948e+01	-2.8184e+01	3.2715e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	9.0106e+01	-5.6104e+01	2.7284e+01
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	8.9051e+01	-5.5202e+01	-2.6254e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	7.5679e+01	-2.7414e+01	-3.0702e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	7.4679e+01	-3.1828e+01	-5.4713e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	8.1094e+01	-5.4012e+01	-1.0239e+00
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	1.2590e+02	-6.0030e+01	-5.9859e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	8.6063e+01	-1.8297e+01	-7.8231e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	8.0801e+01	-3.3903e+01	-4.5704e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	9.4134e+01	-5.6603e+01	-2.7333e+01

2029	540	0.0000e+00	0.0000e+00	0.0000e+00	2.1660e+02	-6.7048e+01	-1.0092e+02
	550	0.0000e+00	0.0000e+00	0.0000e+00	1.3209e+02	3.5495e+00	-1.5287e+02
	551	0.0000e+00	0.0000e+00	0.0000e+00	1.0155e+02	-4.1510e+01	-1.0449e+02
	541	0.0000e+00	0.0000e+00	0.0000e+00	1.4236e+02	-6.6809e+01	-5.2538e+01
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	5.7910e+02	-3.3481e+01	-1.2466e+02
	549	0.0000e+00	0.0000e+00	0.0000e+00	1.8280e+02	6.0630e+01	-2.8037e+02
	550	0.0000e+00	0.0000e+00	0.0000e+00	1.7155e+02	-6.1410e+01	-2.0078e+02
	540	0.0000e+00	0.0000e+00	0.0000e+00	2.7613e+02	-1.2505e+02	-4.5064e+01
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	1.4040e+02	5.2167e+02	1.5273e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	2.1975e+03	5.0056e+02	-4.3441e+02
	549	0.0000e+00	0.0000e+00	0.0000e+00	3.4329e+02	-4.0773e+02	-6.4838e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	8.0939e+02	-4.9566e+00	-6.1242e+01
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	1.8938e+02	1.3724e+02	-6.8150e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	4.4587e+02	1.4938e+02	-8.2128e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	4.2634e+02	3.1554e+02	-2.8673e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	1.8075e+02	2.2174e+02	-1.4701e+01
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	2.1228e+02	-6.7390e+01	-2.8690e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	2.5029e+02	-7.0260e+01	3.7116e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	3.5455e+02	-8.2864e+01	-3.5740e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	2.4078e+02	5.8655e+01	-1.0154e+02
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	1.4141e+02	-7.8311e+01	-5.0838e+00
	545	0.0000e+00	0.0000e+00	0.0000e+00	1.5024e+02	-7.6173e+01	5.0998e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	2.3192e+02	-7.4944e+01	3.6455e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	1.7275e+02	-4.3982e+01	-1.9598e+01
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	9.4785e+01	-7.5057e+01	6.0836e-01
	544	0.0000e+00	0.0000e+00	0.0000e+00	1.0250e+02	-6.7405e+01	2.8850e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	1.3475e+02	-6.6373e+01	3.2755e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	1.1974e+02	-6.6456e+01	4.3389e+00
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	7.7695e+01	-7.0411e+01	-2.0080e+00
	543	0.0000e+00	0.0000e+00	0.0000e+00	8.6166e+01	-6.2080e+01	6.7533e+00
	544	0.0000e+00	0.0000e+00	0.0000e+00	9.5509e+01	-6.1930e+01	1.4679e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	8.5910e+01	-6.9305e+01	5.9365e+00
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	8.5155e+01	-6.8169e+01	-5.9559e+00
	542	0.0000e+00	0.0000e+00	0.0000e+00	9.4554e+01	-6.0868e+01	-1.3952e+01
	543	0.0000e+00	0.0000e+00	0.0000e+00	8.6013e+01	-6.1878e+01	-6.0961e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	7.7629e+01	-7.0138e+01	1.9029e+00
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	1.1792e+02	-6.3811e+01	-4.0816e+00
	541	0.0000e+00	0.0000e+00	0.0000e+00	1.3261e+02	-6.4029e+01	-3.1630e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	1.0120e+02	-6.5912e+01	-2.7981e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	9.3873e+01	-7.3356e+01	-5.1483e-01
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	1.6952e+02	-3.9562e+01	2.0436e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	2.2810e+02	-7.1298e+01	-3.4417e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	1.4765e+02	-7.3280e+01	-4.9513e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	1.3937e+02	-7.5095e+01	5.3520e+00
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	2.3304e+02	6.5405e+01	1.0340e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	3.5095e+02	-7.7398e+01	3.9250e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	2.4598e+02	-6.5857e+01	-3.4824e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	2.0857e+02	-6.1857e+01	2.9329e+01
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	1.7057e+02	2.2837e+02	1.6520e+01
	538	0.0000e+00	0.0000e+00	0.0000e+00	4.0529e+02	3.2409e+02	3.8522e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	4.3959e+02	1.5318e+02	9.0920e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	1.8062e+02	1.4505e+02	6.8916e+01
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	5.1988e+01	8.7039e+01	-5.3253e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	1.7590e+02	1.0848e+02	-6.6909e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	1.5197e+02	1.7451e+02	-2.6210e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	4.8853e+01	1.1529e+02	-1.2573e+01
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	7.7380e+01	-3.9798e+00	-5.2529e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	1.6044e+02	-3.2436e+01	-5.9496e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	1.5080e+02	4.4620e+01	-7.6703e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	7.3272e+01	5.0275e+01	-6.9731e+01
2044	523	0.0000e+00	0.0000e+00	0.0000e+00	7.0471e+01	-5.1351e+01	-3.4790e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	1.1451e+02	-6.5086e+01	-1.5565e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	1.4827e+02	-5.0727e+01	-4.0109e+01



	524	0.0000e+00	0.0000e+00	0.0000e+00	7.5368e+01	-1.5797e+01	-5.9334e+01
2045	522	0.0000e+00	0.0000e+00	0.0000e+00	5.2854e+01	-6.4060e+01	-1.7182e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	8.2224e+01	-7.1998e+01	-1.0868e+00
	534	0.0000e+00	0.0000e+00	0.0000e+00	1.0575e+02	-7.0280e+01	-1.5445e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	6.1548e+01	-4.9558e+01	-3.1633e+01
2046	521	0.0000e+00	0.0000e+00	0.0000e+00	4.3939e+01	-6.4503e+01	-3.0371e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	6.9652e+01	-7.1462e+01	2.9321e+00
	533	0.0000e+00	0.0000e+00	0.0000e+00	7.7760e+01	-7.1868e+01	-5.9784e+00
	522	0.0000e+00	0.0000e+00	0.0000e+00	4.7519e+01	-6.1192e+01	-1.1926e+01
2047	520	0.0000e+00	0.0000e+00	0.0000e+00	4.7211e+01	-6.0017e+01	1.1210e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	7.7103e+01	-7.0600e+01	5.7357e+00
	532	0.0000e+00	0.0000e+00	0.0000e+00	6.9586e+01	-7.1263e+01	-3.1559e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	4.3919e+01	-6.4230e+01	2.3337e+00
2048	519	0.0000e+00	0.0000e+00	0.0000e+00	6.0621e+01	-4.6851e+01	3.0809e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	1.0413e+02	-6.7462e+01	1.5294e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	8.1395e+01	-7.0291e+01	9.2706e-01
	520	0.0000e+00	0.0000e+00	0.0000e+00	5.2454e+01	-6.2302e+01	1.6389e+01
2049	518	0.0000e+00	0.0000e+00	0.0000e+00	7.3261e+01	-1.1383e+01	5.8235e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	1.4496e+02	-4.6133e+01	4.0182e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	1.1258e+02	-6.1701e+01	1.5719e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	6.9301e+01	-4.7953e+01	3.3776e+01
2050	517	0.0000e+00	0.0000e+00	0.0000e+00	6.8996e+01	5.6384e+01	6.7763e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	1.4478e+02	5.1556e+01	7.6687e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	1.5668e+02	-2.6854e+01	5.9986e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	7.4662e+01	1.4542e+00	5.1068e+01
2051	516	0.0000e+00	0.0000e+00	0.0000e+00	4.2941e+01	1.2318e+02	9.9401e+00
	527	0.0000e+00	0.0000e+00	0.0000e+00	1.4096e+02	1.8293e+02	2.6298e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	1.6872e+02	1.1552e+02	6.7392e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	4.7431e+01	9.3838e+01	5.1020e+01
2052	514	0.0000e+00	0.0000e+00	0.0000e+00	-4.7720e+01	4.7393e+01	-4.0556e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	4.2607e+01	6.5257e+01	-4.6953e+01
	526	0.0000e+00	0.0000e+00	0.0000e+00	3.4118e+01	9.0708e+01	-2.1731e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-5.0188e+01	5.8617e+01	-1.5355e+01
2053	513	0.0000e+00	0.0000e+00	0.0000e+00	3.4961e+01	7.0292e+00	-5.0883e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	5.0719e+01	-2.1234e+00	-6.2159e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	3.5317e+01	4.0557e+01	-6.2238e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-3.9220e+01	3.1618e+01	-5.0954e+01
2054	512	0.0000e+00	0.0000e+00	0.0000e+00	2.8694e+01	-2.6234e+01	-4.1054e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	4.4241e+01	-4.2190e+01	-4.2222e+01
	524	0.0000e+00	0.0000e+00	0.0000e+00	4.4812e+01	-2.0345e+01	-5.8008e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	3.0941e+01	-5.0149e+00	-5.6830e+01
2055	511	0.0000e+00	0.0000e+00	0.0000e+00	2.8170e+01	-4.2136e+01	-2.2822e+01
	522	0.0000e+00	0.0000e+00	0.0000e+00	3.3922e+01	-5.7934e+01	-1.9176e+01
	523	0.0000e+00	0.0000e+00	0.0000e+00	4.0306e+01	-5.1007e+01	-3.7553e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	2.8510e+01	-3.0398e+01	-4.1194e+01
2056	510	0.0000e+00	0.0000e+00	0.0000e+00	2.9016e+01	-4.5791e+01	-2.4400e+00
	521	0.0000e+00	0.0000e+00	0.0000e+00	2.9207e+01	-6.1659e+01	-5.4395e-01
	522	0.0000e+00	0.0000e+00	0.0000e+00	3.2027e+01	-6.0681e+01	-1.7679e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	2.8853e+01	-4.2544e+01	-1.9602e+01
2057	509	0.0000e+00	0.0000e+00	0.0000e+00	2.8891e+01	-4.1541e+01	1.8740e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	3.1891e+01	-5.9384e+01	1.6876e+01
	521	0.0000e+00	0.0000e+00	0.0000e+00	2.9251e+01	-6.1515e+01	3.0549e-01
	510	0.0000e+00	0.0000e+00	0.0000e+00	2.9013e+01	-4.5562e+01	1.7282e+00
2058	508	0.0000e+00	0.0000e+00	0.0000e+00	2.8702e+01	-2.8149e+01	3.9853e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	3.9799e+01	-4.8184e+01	3.6444e+01
	520	0.0000e+00	0.0000e+00	0.0000e+00	3.3841e+01	-5.6323e+01	1.8422e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	2.8240e+01	-4.0645e+01	2.1842e+01
2059	507	0.0000e+00	0.0000e+00	0.0000e+00	3.1435e+01	-1.5013e+00	5.4511e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	4.3409e+01	-1.5819e+01	5.6290e+01
	519	0.0000e+00	0.0000e+00	0.0000e+00	4.3684e+01	-3.8994e+01	4.1209e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	2.8974e+01	-2.3404e+01	3.9443e+01
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	-4.0513e+01	3.6291e+01	4.7025e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	3.2858e+01	4.6740e+01	5.9405e+01

	518	0.0000e+00	0.0000e+00	0.0000e+00	4.9072e+01	2.8847e+00	6.0477e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	3.5652e+01	1.1244e+01	4.8105e+01
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	-5.2279e+01	6.4203e+01	9.0368e+00
	516	0.0000e+00	0.0000e+00	0.0000e+00	2.8695e+01	9.8449e+01	1.7408e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	3.9378e+01	7.2045e+01	4.4448e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	-4.9521e+01	5.2742e+01	3.6036e+01
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.1910e+02	2.0432e+01	-3.1834e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-6.0859e+01	3.2966e+01	-3.5762e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-6.5878e+01	4.2822e+01	-2.0137e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.2192e+02	2.4558e+01	-1.6228e+01
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.0936e+02	5.3432e+00	-4.3024e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	-5.1591e+01	2.1634e+00	-5.1345e+01
	514	0.0000e+00	0.0000e+00	0.0000e+00	-6.3440e+01	2.3107e+01	-4.8448e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.1333e+02	1.4207e+01	-4.0116e+01
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	-9.9424e+01	-1.0591e+01	-3.7564e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-4.6908e+01	-2.3784e+01	-4.3339e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	-5.3937e+01	-8.1614e+00	-5.3447e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.0350e+02	-1.5225e+00	-4.7656e+01
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	-9.3349e+01	-2.0684e+01	-2.1596e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	-4.6336e+01	-3.7652e+01	-2.3938e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-4.8334e+01	-3.0462e+01	-4.0678e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-9.6166e+01	-1.4485e+01	-3.8321e+01
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	-9.0997e+01	-2.4013e+01	-1.2787e+00
	510	0.0000e+00	0.0000e+00	0.0000e+00	-4.6741e+01	-4.2130e+01	-1.9052e+00
	511	0.0000e+00	0.0000e+00	0.0000e+00	-4.6936e+01	-4.0614e+01	-2.0554e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-9.2164e+01	-2.2062e+01	-1.9895e+01
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	-9.1391e+01	-2.1366e+01	1.9660e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	-4.6764e+01	-3.9495e+01	1.9820e+01
	510	0.0000e+00	0.0000e+00	0.0000e+00	-4.6629e+01	-4.2080e+01	1.3883e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	-9.0892e+01	-2.3873e+01	1.3740e+00
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	-9.4561e+01	-1.3014e+01	3.7392e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	-4.8000e+01	-2.8148e+01	3.9335e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	-4.5959e+01	-3.6433e+01	2.3167e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	-9.2386e+01	-1.9696e+01	2.1250e+01
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.0117e+02	7.4270e-01	4.5393e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	-5.3658e+01	-4.6407e+00	5.0942e+01
	508	0.0000e+00	0.0000e+00	0.0000e+00	-4.6423e+01	-2.1375e+01	4.1896e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	-9.7686e+01	-8.7943e+00	3.6370e+01
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.1049e+02	1.6641e+01	3.5706e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	-6.3524e+01	2.7729e+01	4.4045e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	-5.1229e+01	5.6622e+00	4.8633e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.0699e+02	7.7718e+00	4.0307e+01
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.1825e+02	2.6862e+01	8.7695e+00
	505	0.0000e+00	0.0000e+00	0.0000e+00	-6.7609e+01	4.8238e+01	1.3011e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	-6.1001e+01	3.7567e+01	3.1151e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.1633e+02	2.3179e+01	2.6831e+01
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	-1.9069e+02	-2.3445e+00	-2.5267e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.3440e+02	9.7737e+00	-2.8796e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-1.3878e+02	1.2597e+01	-1.7426e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-1.9393e+02	-3.4716e+00	-1.3927e+01
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	-1.8316e+02	1.9986e+00	-3.5613e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.2672e+02	5.6451e-01	-4.1080e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-1.3573e+02	6.6476e+00	-3.8809e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-1.8576e+02	-1.5164e+00	-3.3323e+01
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.7287e+02	2.9103e+00	-3.0816e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.1985e+02	-1.0811e+01	-3.6870e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-1.2798e+02	-4.5411e+00	-4.5089e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-1.7745e+02	1.4488e+00	-3.9003e+01
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	-1.6381e+02	5.2886e+00	-1.6891e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.1508e+02	-1.8089e+01	-2.1590e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-1.2010e+02	-1.4588e+01	-3.6094e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.6857e+02	3.6882e+00	-3.1361e+01
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.5920e+02	6.7509e+00	5.4990e-01

	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.1296e+02	-2.1104e+01	-1.6933e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	-1.1479e+02	-2.0318e+01	-1.8459e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-1.6156e+02	6.0567e+00	-1.6379e+01
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	-1.6006e+02	5.6734e+00	1.7654e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.1386e+02	-1.9517e+01	1.8617e+01
	499	0.0000e+00	0.0000e+00	0.0000e+00	-1.1271e+02	-2.1156e+01	2.0926e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.5899e+02	6.6937e+00	1.4549e+00
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	-1.6528e+02	3.0686e+00	3.1924e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.1802e+02	-1.3087e+01	3.5517e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	-1.1365e+02	-1.7414e+01	2.1648e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	-1.6188e+02	4.8064e+00	1.8111e+01
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	-1.7225e+02	1.3370e+00	3.8205e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.2478e+02	-2.4819e+00	4.3118e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	-1.1725e+02	-9.5089e+00	3.6061e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	-1.6917e+02	2.4601e+00	3.1191e+01
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	-1.7848e+02	-2.2542e+00	3.0361e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.3143e+02	8.9509e+00	3.4609e+01
	496	0.0000e+00	0.0000e+00	0.0000e+00	-1.2300e+02	1.3269e+00	3.8705e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	-1.7755e+02	2.4191e+00	3.4473e+01
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	-1.8389e+02	-4.1455e+00	8.0594e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	-1.3383e+02	1.4651e+01	1.0114e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	-1.2961e+02	1.1546e+01	2.4074e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	-1.8297e+02	-3.0247e+00	2.1866e+01
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	-2.6808e+02	-1.8371e+01	-2.0009e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-2.0682e+02	-9.8346e+00	-2.3397e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-2.1176e+02	-1.2324e+01	-1.2239e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-2.7106e+02	-2.5857e+01	-9.0493e+00
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	-2.5889e+02	1.4649e+00	-2.8128e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-2.0124e+02	-2.7506e+00	-3.2306e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-2.0851e+02	-7.4695e+00	-3.2288e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-2.6145e+02	-1.1589e+01	-2.8058e+01
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	-2.4296e+02	1.1217e+01	-2.0184e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.9315e+02	3.5251e+00	-2.8067e+01
	491	0.0000e+00	0.0000e+00	0.0000e+00	-2.0128e+02	-3.1437e+00	-3.6932e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-2.5208e+02	5.7213e+00	-2.8918e+01
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.2800e+02	1.3068e+01	-8.4829e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	-1.8456e+02	5.5967e+00	-1.6000e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-1.9121e+02	4.7407e+00	-2.8069e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-2.3760e+02	1.2317e+01	-2.0348e+01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	-2.2061e+02	1.2863e+01	2.9380e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.7981e+02	6.7090e+00	-7.7647e-01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-1.8273e+02	6.5310e+00	-1.3256e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.2498e+02	1.2954e+01	-9.7040e+00
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	-2.2291e+02	1.2786e+01	1.3314e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	-1.8110e+02	6.1567e+00	1.5202e+01
	488	0.0000e+00	0.0000e+00	0.0000e+00	-1.7946e+02	6.6831e+00	2.8538e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	-2.2031e+02	1.2721e+01	1.5491e+00
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	-2.3300e+02	1.1779e+01	2.3410e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	-1.8752e+02	4.0555e+00	2.9344e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	-1.8221e+02	5.1817e+00	1.7810e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	-2.2531e+02	1.2608e+01	1.2070e+01
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	-2.4457e+02	4.5146e+00	3.0920e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	-1.9531e+02	-2.4759e+00	3.6915e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	-1.8867e+02	2.8322e+00	2.9039e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	-2.3768e+02	1.0331e+01	2.3178e+01
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	-2.5050e+02	-1.3997e+01	2.8335e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	-1.9992e+02	-7.8893e+00	3.0206e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	-1.9441e+02	-3.1358e+00	3.1788e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	-2.5061e+02	-6.4593e-01	2.9960e+01
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	-2.5548e+02	-3.0019e+01	7.1382e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	-2.0042e+02	-1.3812e+01	7.3911e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	-1.9725e+02	-1.1232e+01	2.0678e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	-2.5620e+02	-2.1510e+01	2.0081e+01

2092	470	0.0000e+00	0.0000e+00	0.0000e+00	-3.6082e+02	-3.6480e+01	-1.5792e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-2.8399e+02	-2.8898e+01	-1.8276e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-2.9015e+02	-3.8927e+01	-5.5607e+00
	471	0.0000e+00	0.0000e+00	0.0000e+00	-3.6208e+02	-5.7705e+01	-5.3881e+00
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	-3.3687e+02	1.0538e+01	-1.4273e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-2.7980e+02	6.2209e-01	-2.1095e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-2.8824e+02	-1.9082e+01	-2.8072e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-3.4743e+02	-1.4900e+01	-2.0250e+01
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	-3.0077e+02	1.9879e+01	-8.9937e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	-2.6335e+02	1.4098e+01	-1.5030e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-2.7538e+02	2.5391e+00	-2.5541e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-3.2676e+02	1.6793e+01	-1.0584e+01
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	-2.7370e+02	1.9285e+01	9.5717e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.4538e+02	1.5374e+01	-7.1172e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	-2.5638e+02	1.0703e+01	-1.4052e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-2.9300e+02	2.0404e+01	-6.7369e+00
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	-2.6202e+02	1.7999e+01	6.5591e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	-2.3625e+02	1.4030e+01	6.9146e-01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.4098e+02	1.2944e+01	-4.2537e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	-2.6938e+02	1.8488e+01	3.7233e+00
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	-2.6711e+02	1.8166e+01	5.5902e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	-2.3886e+02	1.2757e+01	8.5803e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	-2.3585e+02	1.3811e+01	3.9769e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	-2.6166e+02	1.7782e+01	1.6690e+00
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	-2.8786e+02	1.9451e+01	8.8162e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	-2.5155e+02	1.0033e+01	1.8059e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	-2.4243e+02	1.4734e+01	1.1380e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-2.7067e+02	1.8487e+01	6.2258e+00
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	-3.1822e+02	1.4898e+01	1.5187e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	-2.6741e+02	1.4001e+00	2.8726e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	-2.5758e+02	1.2887e+01	1.8723e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-2.9479e+02	1.8317e+01	9.0850e+00
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	-3.3448e+02	-1.8877e+01	2.4905e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	-2.7644e+02	-2.1624e+01	2.9721e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	-2.7068e+02	-1.8090e+00	2.3743e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-3.2733e+02	7.8197e+00	1.9532e+01
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	-3.4355e+02	-6.4058e+01	6.8476e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	-2.7382e+02	-4.3415e+01	5.2736e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	-2.7092e+02	-3.2726e+01	1.9286e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	-3.4654e+02	-4.1326e+01	2.0279e+01
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	-4.9638e+02	-4.6447e+01	-1.1598e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-3.7818e+02	-4.6328e+01	-1.1230e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-3.8540e+02	-7.7664e+01	-6.0507e+00
	460	0.0000e+00	0.0000e+00	0.0000e+00	-5.0918e+02	-9.8456e+01	1.4904e+01
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	-3.9153e+02	2.5068e+01	5.2376e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-3.6458e+02	2.3974e+01	-1.1799e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-3.8776e+02	-2.4634e+01	-2.4151e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	-4.5787e+02	3.0951e+01	2.5893e+01
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	-3.1983e+02	2.1556e+01	5.4254e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-3.1700e+02	2.5808e+01	1.5030e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-3.4261e+02	1.0564e+01	-1.3369e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	-3.7577e+02	2.4401e+01	5.0612e+01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	-2.7940e+02	1.5828e+01	3.4256e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-2.8180e+02	2.0368e+01	1.0582e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-3.0137e+02	1.6623e+01	1.8756e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	-3.0824e+02	1.6116e+01	4.2143e+01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	-2.6404e+02	1.6741e+01	1.0550e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-2.6700e+02	1.7303e+01	2.2724e+00
	467	0.0000e+00	0.0000e+00	0.0000e+00	-2.7433e+02	1.6625e+01	1.3533e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-2.7349e+02	1.6538e+01	2.1775e+01
2107	448	0.0000e+00	0.0000e+00	0.0000e+00	-2.7153e+02	1.6273e+01	-1.3849e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-2.7210e+02	1.6211e+01	-7.9420e+00
	466	0.0000e+00	0.0000e+00	0.0000e+00	-2.6661e+02	1.7119e+01	4.9957e+00

	450	0.0000e+00	0.0000e+00	0.0000e+00	-2.6370e+02	1.6537e+01	2.4315e+00
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	-3.0375e+02	1.5191e+01	-3.3970e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-2.9629e+02	1.5503e+01	-1.3687e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	-2.7876e+02	1.9543e+01	6.3018e+00
	448	0.0000e+00	0.0000e+00	0.0000e+00	-2.7672e+02	1.4878e+01	-2.5949e+01
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	-3.6824e+02	2.2625e+01	-4.2264e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-3.3418e+02	8.4047e+00	1.1767e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	-3.1100e+02	2.4202e+01	1.1099e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-3.1452e+02	1.9677e+01	-4.5756e+01
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	-4.4714e+02	2.8131e+01	1.9074e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	-3.7447e+02	-2.8754e+01	3.0871e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	-3.5507e+02	2.1142e+01	1.1153e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-3.8297e+02	2.2345e+01	-4.3807e+01
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	-4.8869e+02	-1.0585e+02	7.7047e+00
	461	0.0000e+00	0.0000e+00	0.0000e+00	-3.6622e+02	-8.3695e+01	5.5862e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	-3.6315e+02	-5.2146e+01	1.5895e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	-4.8392e+02	-5.1610e+01	1.5215e+01
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	-5.1659e+02	1.4009e+02	3.1551e+02
	458	0.0000e+00	0.0000e+00	0.0000e+00	-6.3322e+02	2.0096e+01	7.0789e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	-4.2793e+02	-1.6589e+02	-3.6442e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.2181e+03	-9.4665e+01	2.0899e+02
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	-3.3908e+02	2.9677e+01	1.7863e+02
	456	0.0000e+00	0.0000e+00	0.0000e+00	-4.0759e+02	5.4378e+01	6.3316e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	-5.3939e+02	8.1506e+00	8.7775e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	-4.4044e+02	-3.6833e+01	2.0319e+02
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	-2.5844e+02	-4.4506e+01	1.1107e+02
	454	0.0000e+00	0.0000e+00	0.0000e+00	-3.0859e+02	2.1231e+01	5.6597e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	-3.7334e+02	1.7936e+01	8.8242e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	-3.0383e+02	-1.2291e+01	1.4273e+02
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	-2.1985e+02	-4.9761e+01	5.9016e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-2.6379e+02	1.5362e+01	3.2556e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	-2.9668e+02	1.3442e+01	6.2805e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	-2.4043e+02	-1.5120e+01	8.9253e+01
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	-2.0562e+02	-4.5587e+01	1.3142e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-2.4883e+02	1.8554e+01	4.8074e+00
	452	0.0000e+00	0.0000e+00	0.0000e+00	-2.5943e+02	1.7463e+01	3.3636e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	-2.1196e+02	-3.4171e+01	4.2023e+01
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	-2.1098e+02	-3.3717e+01	-3.1737e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-2.5764e+02	1.7178e+01	-2.4552e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-2.4858e+02	1.8488e+01	4.7965e+00
	451	0.0000e+00	0.0000e+00	0.0000e+00	-2.0540e+02	-4.6016e+01	-3.0828e+00
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	-2.3813e+02	-1.5380e+01	-7.8535e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-2.9261e+02	1.2369e+01	-5.3474e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-2.6153e+02	1.4719e+01	-2.3590e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-2.1838e+02	-4.9943e+01	-4.8574e+01
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	-2.9990e+02	-1.4187e+01	-1.3120e+02
	444	0.0000e+00	0.0000e+00	0.0000e+00	-3.6650e+02	1.5781e+01	-7.8444e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-3.0410e+02	1.9596e+01	-4.7435e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-2.5550e+02	-4.4405e+01	-1.0011e+02
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	-4.3431e+02	-3.8755e+01	-1.9036e+02
	442	0.0000e+00	0.0000e+00	0.0000e+00	-5.2890e+02	-7.6279e+00	-7.7310e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-4.0036e+02	5.1858e+01	-5.3848e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	-3.3426e+02	2.9308e+01	-1.6669e+02
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1985e+03	-1.0277e+02	-1.9364e+02
	441	0.0000e+00	0.0000e+00	0.0000e+00	-4.2533e+02	-1.7590e+02	4.9532e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	-6.2328e+02	-2.1025e+01	-5.8920e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	-5.0886e+02	1.3794e+02	-3.0115e+02
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	8.0939e+02	-4.8328e+00	6.1251e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	3.4337e+02	-4.0772e+02	6.4836e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	2.1976e+03	5.0088e+02	4.3448e+02
	431	0.0000e+00	0.0000e+00	0.0000e+00	1.4033e+02	5.2171e+02	-1.5263e+02
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	2.7614e+02	-1.2502e+02	4.5054e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	1.7158e+02	-6.1382e+01	2.0077e+02

	440	0.0000e+00	0.0000e+00	0.0000e+00	1.8285e+02	6.0689e+01	2.8036e+02
	430	0.0000e+00	0.0000e+00	0.0000e+00	5.7913e+02	-3.3416e+01	1.2464e+02
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	1.4237e+02	-6.6795e+01	5.2530e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	1.0157e+02	-4.1496e+01	1.0449e+02
	439	0.0000e+00	0.0000e+00	0.0000e+00	1.3212e+02	3.5747e+00	1.5286e+02
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.1661e+02	-6.7019e+01	1.0091e+02
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	9.4132e+01	-5.6596e+01	2.7326e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	8.0805e+01	-3.3896e+01	4.5702e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	8.6074e+01	-1.8284e+01	7.8228e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	1.2590e+02	-6.0016e+01	5.9852e+01
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	8.1084e+01	-5.4010e+01	1.0178e+00
	436	0.0000e+00	0.0000e+00	0.0000e+00	7.4674e+01	-3.1826e+01	5.4692e+00
	437	0.0000e+00	0.0000e+00	0.0000e+00	7.5680e+01	-2.7408e+01	3.0699e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	8.9047e+01	-5.5196e+01	2.6248e+01
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	9.0090e+01	-5.6108e+01	-2.7290e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	7.6936e+01	-2.8187e+01	-3.2718e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	7.4901e+01	-3.2004e+01	-7.3818e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	8.1197e+01	-5.4268e+01	-1.9604e+00
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	1.2820e+02	-6.2137e+01	-6.1351e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	8.8775e+01	-2.0001e+01	-8.0726e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	8.2522e+01	-3.5028e+01	-4.7847e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	9.5403e+01	-5.8022e+01	-2.8471e+01
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	2.1987e+02	-7.0465e+01	-1.0336e+02
	433	0.0000e+00	0.0000e+00	0.0000e+00	1.3658e+02	1.1897e+00	-1.5631e+02
	434	0.0000e+00	0.0000e+00	0.0000e+00	1.0476e+02	-4.3592e+01	-1.0728e+02
	424	0.0000e+00	0.0000e+00	0.0000e+00	1.4487e+02	-6.9321e+01	-5.4322e+01
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	5.8724e+02	-3.8422e+01	-1.2889e+02
	432	0.0000e+00	0.0000e+00	0.0000e+00	1.8415e+02	5.6854e+01	-2.8521e+02
	433	0.0000e+00	0.0000e+00	0.0000e+00	1.7634e+02	-6.3609e+01	-2.0396e+02
	423	0.0000e+00	0.0000e+00	0.0000e+00	2.7959e+02	-1.2935e+02	-4.7646e+01
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	1.0351e+02	5.0839e+02	1.4460e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	2.2530e+03	5.0156e+02	-4.4634e+02
	432	0.0000e+00	0.0000e+00	0.0000e+00	3.4743e+02	-4.1854e+02	-6.6147e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	8.1610e+02	1.3585e+00	-7.0523e+01
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	1.8060e+02	1.4509e+02	-6.8909e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	4.3958e+02	1.5326e+02	-9.0901e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	4.0530e+02	3.2411e+02	-3.8479e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	1.7055e+02	2.2839e+02	-1.6489e+01
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	2.0855e+02	-6.1824e+01	-2.9333e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.4599e+02	-6.5820e+01	3.4809e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	3.5093e+02	-7.7347e+01	-3.9256e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	2.3303e+02	6.5440e+01	-1.0339e+02
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	1.3936e+02	-7.5077e+01	-5.3615e+00
	428	0.0000e+00	0.0000e+00	0.0000e+00	1.4765e+02	-7.3262e+01	4.9502e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	2.2810e+02	-7.1272e+01	3.4406e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	1.6950e+02	-3.9535e+01	-2.0445e+01
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	9.3853e+01	-7.3348e+01	5.1797e-01
	427	0.0000e+00	0.0000e+00	0.0000e+00	1.0120e+02	-6.5904e+01	2.7972e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	1.3260e+02	-6.4016e+01	3.1621e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.1790e+02	-6.3796e+01	4.0716e+00
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	7.7600e+01	-7.0136e+01	-1.9138e+00
	426	0.0000e+00	0.0000e+00	0.0000e+00	8.6000e+01	-6.1876e+01	6.0883e+00
	427	0.0000e+00	0.0000e+00	0.0000e+00	9.4546e+01	-6.0862e+01	1.3944e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	8.5131e+01	-6.8162e+01	5.9461e+00
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	8.5878e+01	-6.9310e+01	-5.9461e+00
	425	0.0000e+00	0.0000e+00	0.0000e+00	9.5492e+01	-6.1934e+01	-1.4688e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	8.6152e+01	-6.2080e+01	-6.7607e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	7.7664e+01	-7.0410e+01	1.9948e+00
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	1.1971e+02	-6.6470e+01	-4.3484e+00
	424	0.0000e+00	0.0000e+00	0.0000e+00	1.3473e+02	-6.6384e+01	-3.2765e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	1.0248e+02	-6.7411e+01	-2.8859e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	9.4754e+01	-7.5063e+01	-5.8739e-01
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	1.7273e+02	-4.4009e+01	1.9586e+01

	423	0.0000e+00	0.0000e+00	0.0000e+00	2.3190e+02	-7.4969e+01	-3.6468e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	1.5022e+02	-7.6189e+01	-5.1009e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.4139e+02	-7.8328e+01	5.0696e+00
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	2.4077e+02	5.8617e+01	1.0154e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	3.5455e+02	-8.2917e+01	3.5732e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	2.5027e+02	-7.0297e+01	-3.7133e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	2.1227e+02	-6.7424e+01	2.8683e+01
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	1.8072e+02	2.2172e+02	1.4731e+01
	421	0.0000e+00	0.0000e+00	0.0000e+00	4.2632e+02	3.1552e+02	2.8717e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	4.4587e+02	1.4929e+02	8.2146e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.8938e+02	1.3720e+02	6.8155e+01
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	4.7337e+01	9.3856e+01	-5.1012e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	1.6870e+02	1.1555e+02	-6.7376e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	1.4095e+02	1.8295e+02	-2.6274e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	4.2847e+01	1.2319e+02	-9.9245e+00
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	7.4594e+01	1.4766e+00	-5.1069e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	1.5666e+02	-2.6827e+01	-5.9989e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	1.4475e+02	5.1588e+01	-7.6681e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	6.8926e+01	5.6404e+01	-6.7755e+01
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	6.9229e+01	-4.7937e+01	-3.3783e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.1256e+02	-6.1683e+01	-1.5729e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	1.4494e+02	-4.6108e+01	-4.0189e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	7.3193e+01	-1.1364e+01	-5.8238e+01
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	5.2358e+01	-6.2294e+01	-1.6399e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	8.1362e+01	-7.0282e+01	-9.4702e-01
	417	0.0000e+00	0.0000e+00	0.0000e+00	1.0410e+02	-6.7448e+01	-1.5303e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	6.0540e+01	-4.6837e+01	-3.0818e+01
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	4.3793e+01	-6.4228e+01	-2.3505e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	6.9543e+01	-7.1260e+01	3.1473e+00
	416	0.0000e+00	0.0000e+00	0.0000e+00	7.7067e+01	-7.0594e+01	-5.7458e+00
	405	0.0000e+00	0.0000e+00	0.0000e+00	4.7101e+01	-6.0010e+01	-1.1220e+01
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	4.7388e+01	-6.1196e+01	1.1915e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	7.7716e+01	-7.1872e+01	5.9669e+00
	415	0.0000e+00	0.0000e+00	0.0000e+00	6.9608e+01	-7.1462e+01	-2.9393e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	4.3809e+01	-6.4502e+01	3.0217e+00
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	6.1431e+01	-4.9571e+01	3.1623e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.0571e+02	-7.0293e+01	1.5433e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	8.2180e+01	-7.2005e+01	1.0554e+00
	403	0.0000e+00	0.0000e+00	0.0000e+00	5.2731e+01	-6.4066e+01	1.7169e+01
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	7.5259e+01	-1.5817e+01	5.9328e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.4825e+02	-5.0752e+01	4.0100e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	1.1447e+02	-6.5103e+01	1.5552e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	7.0367e+01	-5.1367e+01	3.4779e+01
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	7.3142e+01	5.0253e+01	6.9737e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.5077e+02	4.4585e+01	7.6707e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	1.6041e+02	-3.2464e+01	5.9490e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	7.7272e+01	-4.0038e+00	5.2525e+01
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	4.8621e+01	1.1528e+02	1.2584e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.5192e+02	1.7449e+02	2.6232e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	1.7587e+02	1.0844e+02	6.6923e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	5.1792e+01	8.7018e+01	5.3259e+01
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	-4.9359e+01	5.2752e+01	-3.6032e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	3.9243e+01	7.2060e+01	-4.4438e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	2.8529e+01	9.8454e+01	-1.7396e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-5.2132e+01	6.4207e+01	-9.0345e+00
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	3.5409e+01	1.1259e+01	-4.8107e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	4.8955e+01	2.9033e+00	-6.0476e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	3.2695e+01	4.6757e+01	-5.9400e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-4.0308e+01	3.6303e+01	-4.7021e+01
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	2.8652e+01	-2.3391e+01	-3.9449e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	4.3549e+01	-3.8979e+01	-4.1216e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	4.3276e+01	-1.5800e+01	-5.6293e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	3.1150e+01	-1.4872e+00	-5.4513e+01

2155	394	0.0000e+00	0.0000e+00	0.0000e+00	2.7881e+01	-4.0636e+01	-2.1854e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	3.3659e+01	-5.6314e+01	-1.8433e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	3.9649e+01	-4.8171e+01	-3.6451e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	2.8367e+01	-2.8137e+01	-3.9860e+01
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	2.8622e+01	-4.5559e+01	-1.7698e+00
	404	0.0000e+00	0.0000e+00	0.0000e+00	2.9019e+01	-6.1511e+01	-3.6279e-01
	405	0.0000e+00	0.0000e+00	0.0000e+00	3.1692e+01	-5.9377e+01	-1.6886e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	2.8528e+01	-4.1534e+01	-1.8750e+01
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	2.8399e+01	-4.2547e+01	1.9592e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	3.1785e+01	-6.0684e+01	1.7668e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	2.8964e+01	-6.1659e+01	5.0712e-01
	393	0.0000e+00	0.0000e+00	0.0000e+00	2.8610e+01	-4.5790e+01	2.4197e+00
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	2.7970e+01	-3.0408e+01	4.1184e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	4.0083e+01	-5.1019e+01	3.7543e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	3.3682e+01	-5.7940e+01	1.9163e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	2.7687e+01	-4.2142e+01	2.2808e+01
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	3.0355e+01	-5.0326e+00	5.6824e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	4.4579e+01	-2.0364e+01	5.8002e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	4.4027e+01	-4.2204e+01	4.2212e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	2.8136e+01	-2.6247e+01	4.1042e+01
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	-3.8684e+01	3.1603e+01	5.0953e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	3.4966e+01	4.0538e+01	6.2240e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	5.0502e+01	-2.1501e+00	6.2156e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-3.4423e+01	7.0149e+00	5.0875e+01
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	-4.9723e+01	5.8608e+01	1.5351e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	3.3697e+01	9.0699e+01	2.1740e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	4.2304e+01	6.5239e+01	4.6958e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	-4.7266e+01	4.7380e+01	4.0553e+01
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.1621e+02	2.3187e+01	-2.6837e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-6.0843e+01	3.7576e+01	-3.1149e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-6.7472e+01	4.8241e+01	-1.3010e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.1813e+02	2.6864e+01	-8.7850e+00
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.0684e+02	7.7837e+00	-4.0314e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	-5.1028e+01	5.6749e+00	-4.8634e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-6.3371e+01	2.7740e+01	-4.4043e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.1036e+02	1.6651e+01	-3.5710e+01
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	-9.7521e+01	-8.7767e+00	-3.6382e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-4.6187e+01	-2.1361e+01	-4.1903e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	-5.3464e+01	-4.6248e+00	-5.0945e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.0101e+02	7.4397e-01	-4.5399e+01
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	-9.2195e+01	-1.9680e+01	-2.1269e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-4.5700e+01	-3.6422e+01	-2.3179e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-4.7768e+01	-2.8135e+01	-3.9343e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-9.4385e+01	-1.2997e+01	-3.7403e+01
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	-9.0673e+01	-2.3861e+01	-1.4865e+00
	393	0.0000e+00	0.0000e+00	0.0000e+00	-4.6343e+01	-4.2074e+01	-1.4392e+00
	394	0.0000e+00	0.0000e+00	0.0000e+00	-4.6502e+01	-3.9487e+01	-1.9831e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-9.1191e+01	-2.1352e+01	-1.9674e+01
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	-9.1914e+01	-2.2058e+01	1.9884e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	-4.6609e+01	-4.0615e+01	2.0543e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	-4.6444e+01	-4.2127e+01	1.8918e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-9.0770e+01	-2.4005e+01	1.2417e+00
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	-9.5882e+01	-1.4491e+01	3.8306e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	-4.7960e+01	-3.0470e+01	4.0667e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	-4.5988e+01	-3.7657e+01	2.3924e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-9.3092e+01	-2.0685e+01	2.1573e+01
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.0319e+02	-1.5515e+00	4.7640e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-5.3539e+01	-8.1770e+00	5.3439e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	-4.6500e+01	-2.3795e+01	4.3327e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-9.9139e+01	-1.0603e+01	3.7542e+01
2170	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.1300e+02	1.4191e+01	4.0101e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	-6.3047e+01	2.3094e+01	4.8444e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	-5.1154e+01	2.1607e+00	5.1336e+01



	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.0906e+02	5.3342e+00	4.3003e+01
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.2159e+02	2.4542e+01	1.6205e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	-6.5454e+01	4.2814e+01	2.0133e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	-6.0433e+01	3.2954e+01	3.5755e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.1878e+02	2.0416e+01	3.1813e+01
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.8285e+02	-3.0381e+00	-2.1892e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.2949e+02	1.1556e+01	-2.4085e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.3371e+02	1.4654e+01	-1.0131e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.8377e+02	-4.1315e+00	-8.1084e+00
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.7742e+02	2.4407e+00	-3.4494e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.2286e+02	1.3427e+00	-3.8715e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-1.3130e+02	8.9611e+00	-3.4617e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.7835e+02	-2.2733e+00	-3.0380e+01
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.6903e+02	2.3792e+00	-3.1217e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.1709e+02	-9.4862e+00	-3.6075e+01
	385	0.0000e+00	0.0000e+00	0.0000e+00	-1.2464e+02	-2.4579e+00	-4.3127e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.7211e+02	1.3264e+00	-3.8224e+01
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.6172e+02	4.6968e+00	-1.8152e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.1347e+02	-1.7390e+01	-2.1668e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-1.1786e+02	-1.3065e+01	-3.5531e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.6513e+02	2.9713e+00	-3.1948e+01
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.5881e+02	6.5968e+00	-1.6669e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.1251e+02	-2.1136e+01	-2.1669e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.1368e+02	-1.9497e+01	-1.8637e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.5988e+02	5.5747e+00	-1.7685e+01
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.6135e+02	5.9792e+00	1.6356e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.1457e+02	-2.0307e+01	1.8443e+01
	382	0.0000e+00	0.0000e+00	0.0000e+00	-1.1276e+02	-2.1089e+01	1.6970e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.5901e+02	6.6667e+00	-4.9307e-01
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.6832e+02	3.6515e+00	3.1324e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.1985e+02	-1.4589e+01	3.6073e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	-1.1484e+02	-1.8084e+01	2.1567e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.6359e+02	5.2292e+00	1.6841e+01
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.7717e+02	1.4759e+00	3.8960e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.2770e+02	-4.5577e+00	4.5067e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	-1.1958e+02	-1.0821e+01	3.6844e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.7263e+02	2.9034e+00	3.0763e+01
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.8545e+02	-1.3961e+00	3.3277e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.3541e+02	6.6323e+00	3.8789e+01
	379	0.0000e+00	0.0000e+00	0.0000e+00	-1.2641e+02	6.2237e-01	4.1053e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-1.8289e+02	1.9994e+00	3.5558e+01
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	-1.9361e+02	-3.3066e+00	1.3864e+01
	377	0.0000e+00	0.0000e+00	0.0000e+00	-1.3844e+02	1.2575e+01	1.7401e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	-1.3408e+02	9.7512e+00	2.8766e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-1.9039e+02	-2.1927e+00	2.5208e+01
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.5609e+02	-2.1506e+01	-2.0140e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.9712e+02	-1.1231e+01	-2.0713e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-2.0030e+02	-1.3805e+01	-7.4532e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	-2.5536e+02	-3.0009e+01	-7.2522e+00
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.5049e+02	-7.2848e-01	-3.0010e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.9427e+02	-3.1370e+00	-3.1817e+01
	375	0.0000e+00	0.0000e+00	0.0000e+00	-1.9980e+02	-7.8889e+00	-3.0231e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.5038e+02	-1.3995e+01	-2.8381e+01
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.3755e+02	1.0288e+01	-2.3247e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.8853e+02	2.7233e+00	-2.9073e+01
	374	0.0000e+00	0.0000e+00	0.0000e+00	-1.9518e+02	-2.4378e+00	-3.6940e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.4444e+02	4.5035e+00	-3.0969e+01
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.2516e+02	1.2513e+01	-1.2184e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.8205e+02	5.0377e+00	-1.7857e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-1.8737e+02	3.9420e+00	-2.9377e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.3286e+02	1.1722e+01	-2.3475e+01
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	-2.2014e+02	1.2598e+01	-1.8909e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.7928e+02	6.5429e+00	-2.9588e+00

	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.8094e+02	6.0269e+00	-1.5249e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.2276e+02	1.2683e+01	-1.3394e+01
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.2478e+02	1.2854e+01	9.6259e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.8253e+02	6.4200e+00	1.3213e+01
	371	0.0000e+00	0.0000e+00	0.0000e+00	-1.7962e+02	6.5866e+00	8.7850e-01
	360	0.0000e+00	0.0000e+00	0.0000e+00	-2.2044e+02	1.2751e+01	-2.9471e+00
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.3739e+02	1.2270e+01	2.0234e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.9099e+02	4.6859e+00	2.8014e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	-1.8435e+02	5.5089e+00	1.5947e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.2781e+02	1.2993e+01	8.3046e+00
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.5184e+02	5.7219e+00	2.8798e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-2.0102e+02	-3.1666e+00	3.6874e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	-1.9291e+02	3.5087e+00	2.8003e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.4274e+02	1.1194e+01	2.0032e+01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.6117e+02	-1.1564e+01	2.7939e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-2.0822e+02	-7.4593e+00	3.2230e+01
	368	0.0000e+00	0.0000e+00	0.0000e+00	-2.0097e+02	-2.7750e+00	3.2236e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.5865e+02	1.4842e+00	2.7992e+01
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	-2.7076e+02	-2.5806e+01	8.8635e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	-2.1143e+02	-1.2280e+01	1.2162e+01
	367	0.0000e+00	0.0000e+00	0.0000e+00	-2.0651e+02	-9.8009e+00	2.3316e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.6781e+02	-1.8332e+01	1.9864e+01
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	-3.4646e+02	-4.1316e+01	-2.0384e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.7080e+02	-3.2720e+01	-1.9361e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-2.7371e+02	-4.3404e+01	-5.4386e+00
	354	0.0000e+00	0.0000e+00	0.0000e+00	-3.4347e+02	-6.4040e+01	-7.0569e+00
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	-3.2724e+02	7.8331e+00	-1.9665e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.7057e+02	-1.8388e+00	-2.3817e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.7633e+02	-2.1621e+01	-2.9775e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-3.3439e+02	-1.8874e+01	-2.5000e+01
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	-2.9468e+02	1.8253e+01	-9.3831e+00
	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.5746e+02	1.2841e+01	-1.8821e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.6729e+02	1.2882e+00	-2.8790e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-3.1813e+02	1.4892e+01	-1.5362e+01
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	-2.7055e+02	1.8340e+01	-6.5813e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.4229e+02	1.4629e+01	-1.1511e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.5142e+02	9.9398e+00	-1.8161e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-2.8775e+02	1.9373e+01	-9.1113e+00
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	-2.6152e+02	1.7588e+01	-2.1355e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-2.3569e+02	1.3665e+01	-4.1040e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	-2.3871e+02	1.2623e+01	-8.7381e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	-2.6698e+02	1.8007e+01	-5.9146e+00
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	-2.6923e+02	1.8330e+01	-3.3340e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.4080e+02	1.2815e+01	3.9915e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	-2.3609e+02	1.3896e+01	-9.6654e-01
	349	0.0000e+00	0.0000e+00	0.0000e+00	-2.6188e+02	1.7819e+01	-6.5822e+00
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	-2.9283e+02	2.0332e+01	6.1079e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.5619e+02	1.0633e+01	1.3843e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	-2.4520e+02	1.5289e+01	6.9108e+00
	348	0.0000e+00	0.0000e+00	0.0000e+00	-2.7355e+02	1.9162e+01	-9.3256e+00
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	-3.2659e+02	1.6781e+01	9.9822e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.7516e+02	2.5611e+00	2.5374e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	-2.6314e+02	1.4070e+01	1.4816e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-3.0061e+02	1.9834e+01	8.4251e+00
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	-3.4723e+02	-1.4850e+01	1.9929e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.8799e+02	-1.9069e+01	2.7930e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	-2.7957e+02	6.9477e-01	2.0896e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-3.3670e+02	1.0534e+01	1.3792e+01
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	-3.6186e+02	-5.7638e+01	4.8321e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	-2.8986e+02	-3.8884e+01	5.2591e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	-2.8372e+02	-2.8865e+01	1.8081e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-3.6063e+02	-3.6433e+01	1.5457e+01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	-4.8388e+02	-5.1575e+01	-1.5429e+01

	353	0.0000e+00	0.0000e+00	0.0000e+00	-3.6307e+02	-5.2131e+01	-1.6051e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-3.6614e+02	-8.3674e+01	-5.8420e+00
	343	0.0000e+00	0.0000e+00	0.0000e+00	-4.8865e+02	-1.0582e+02	-7.9858e+00
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	-3.8292e+02	2.2376e+01	4.3896e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-3.5499e+02	2.1157e+01	-1.1414e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-3.7440e+02	-2.8748e+01	-3.0962e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	-4.4709e+02	2.8160e+01	-1.9258e+01
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	-3.1445e+02	1.9587e+01	4.5844e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-3.1091e+02	2.4148e+01	-1.1371e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-3.3410e+02	8.3796e+00	-1.2031e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	-3.6818e+02	2.2572e+01	4.2360e+01
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	-2.7664e+02	1.4553e+01	2.6071e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-2.7865e+02	1.9380e+01	-6.6725e+00
	351	0.0000e+00	0.0000e+00	0.0000e+00	-2.9620e+02	1.5379e+01	1.3914e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	-3.0368e+02	1.4919e+01	3.4087e+01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	-2.6361e+02	1.6137e+01	-2.8409e+00
	349	0.0000e+00	0.0000e+00	0.0000e+00	-2.6649e+02	1.6884e+01	-5.1413e+00
	350	0.0000e+00	0.0000e+00	0.0000e+00	-2.7198e+02	1.5995e+01	8.2272e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	-2.7144e+02	1.5897e+01	1.4049e+01
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	-2.7340e+02	1.6161e+01	-2.1675e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-2.7420e+02	1.6423e+01	-1.3393e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	-2.6687e+02	1.7077e+01	-2.4636e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-2.6395e+02	1.6379e+01	-1.0588e+01
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	-3.0815e+02	1.5874e+01	-4.2000e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-3.0123e+02	1.6527e+01	-1.8489e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	-2.8166e+02	2.0226e+01	-1.0369e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-2.7931e+02	1.5574e+01	-3.4168e+01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	-3.7568e+02	2.4352e+01	-5.0430e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-3.4247e+02	1.0556e+01	1.2793e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	-3.1685e+02	2.5762e+01	-1.4687e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-3.1975e+02	2.1496e+01	-5.4132e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	-4.5779e+02	3.0925e+01	-2.5487e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	-3.8761e+02	-2.4598e+01	2.3807e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	-3.6443e+02	2.3962e+01	1.1181e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-3.9145e+02	2.5046e+01	-5.2198e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	-5.0910e+02	-9.8350e+01	-1.4616e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	-3.8521e+02	-7.7591e+01	5.5991e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	-3.7800e+02	-4.6269e+01	1.0636e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	-4.9632e+02	-4.6325e+01	1.0800e+01
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	-5.0883e+02	1.3787e+02	3.0115e+02
	341	0.0000e+00	0.0000e+00	0.0000e+00	-6.2327e+02	-2.1022e+01	5.8950e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	-4.2527e+02	-1.7586e+02	-4.9601e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	-1.1985e+03	-1.0234e+02	1.9363e+02
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	-3.3424e+02	2.8721e+01	1.6671e+02
	339	0.0000e+00	0.0000e+00	0.0000e+00	-4.0033e+02	5.1878e+01	5.3910e+01
	341	0.0000e+00	0.0000e+00	0.0000e+00	-5.2887e+02	-7.7041e+00	7.7347e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	-4.3429e+02	-3.8463e+01	1.9038e+02
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	-2.5548e+02	-4.3968e+01	1.0015e+02
	337	0.0000e+00	0.0000e+00	0.0000e+00	-3.0405e+02	1.9480e+01	4.7507e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	-3.6645e+02	1.5732e+01	7.8491e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	-2.9987e+02	-1.4180e+01	1.3124e+02
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	-2.1836e+02	-4.9591e+01	4.8639e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-2.6147e+02	1.4344e+01	2.3701e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	-2.9256e+02	1.2042e+01	5.3541e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	-2.3811e+02	-1.5306e+01	7.8587e+01
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	-2.0538e+02	-4.5750e+01	3.4217e+00
	333	0.0000e+00	0.0000e+00	0.0000e+00	-2.4851e+02	1.8110e+01	-4.9728e+00
	335	0.0000e+00	0.0000e+00	0.0000e+00	-2.5758e+02	1.6798e+01	2.4656e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	-2.1096e+02	-3.3500e+01	3.1825e+01
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.1194e+02	-3.4028e+01	-4.1980e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-2.5936e+02	1.7117e+01	-3.3587e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-2.4877e+02	1.8182e+01	-4.9362e+00
	334	0.0000e+00	0.0000e+00	0.0000e+00	-2.0560e+02	-4.5268e+01	-1.3183e+01

2218 330 0.0000e+00 0.0000e+00 0.0000e+00 -2.4043e+02 -1.5144e+01 -8.9196e+01  
329 0.0000e+00 0.0000e+00 0.0000e+00 -2.9661e+02 1.3205e+01 -6.2736e+01  
331 0.0000e+00 0.0000e+00 0.0000e+00 -2.6374e+02 1.5041e+01 -3.2499e+01  
332 0.0000e+00 0.0000e+00 0.0000e+00 -2.1984e+02 -4.9354e+01 -5.8973e+01

2219 328 0.0000e+00 0.0000e+00 0.0000e+00 -3.0383e+02 -1.1841e+01 -1.4268e+02  
327 0.0000e+00 0.0000e+00 0.0000e+00 -3.7327e+02 1.7907e+01 -8.8177e+01  
329 0.0000e+00 0.0000e+00 0.0000e+00 -3.0855e+02 2.1144e+01 -5.6524e+01  
330 0.0000e+00 0.0000e+00 0.0000e+00 -2.5844e+02 -4.3989e+01 -1.1101e+02

2220 326 0.0000e+00 0.0000e+00 0.0000e+00 -4.4045e+02 -3.5772e+01 -2.0316e+02  
325 0.0000e+00 0.0000e+00 0.0000e+00 -5.3935e+02 7.9572e+00 -8.7722e+01  
327 0.0000e+00 0.0000e+00 0.0000e+00 -4.0756e+02 5.4358e+01 -6.3233e+01  
328 0.0000e+00 0.0000e+00 0.0000e+00 -3.3909e+02 2.8946e+01 -1.7859e+02

2221 4 0.0000e+00 0.0000e+00 0.0000e+00 -1.2181e+03 -9.3567e+01 -2.0899e+02  
324 0.0000e+00 0.0000e+00 0.0000e+00 -4.2778e+02 -1.6578e+02 3.6310e+01  
325 0.0000e+00 0.0000e+00 0.0000e+00 -6.3320e+02 1.9725e+01 -7.0758e+01  
326 0.0000e+00 0.0000e+00 0.0000e+00 -5.1660e+02 1.3998e+02 -3.1551e+02

2222 313 0.0000e+00 0.0000e+00 0.0000e+00 8.1582e+02 -1.4707e+00 7.0538e+01  
323 0.0000e+00 0.0000e+00 0.0000e+00 3.4684e+02 -4.1871e+02 6.6160e+02  
14 0.0000e+00 0.0000e+00 0.0000e+00 2.2527e+03 5.0178e+02 4.4647e+02  
314 0.0000e+00 0.0000e+00 0.0000e+00 1.0314e+02 5.0842e+02 -1.4459e+02

2223 312 0.0000e+00 0.0000e+00 0.0000e+00 2.7917e+02 -1.2935e+02 4.7792e+01  
322 0.0000e+00 0.0000e+00 0.0000e+00 1.7546e+02 -6.3679e+01 2.0425e+02  
323 0.0000e+00 0.0000e+00 0.0000e+00 1.8345e+02 5.6779e+01 2.8541e+02  
313 0.0000e+00 0.0000e+00 0.0000e+00 5.8694e+02 -3.8398e+01 1.2895e+02

2224 311 0.0000e+00 0.0000e+00 0.0000e+00 1.4426e+02 -6.9191e+01 5.4640e+01  
321 0.0000e+00 0.0000e+00 0.0000e+00 1.0360e+02 -4.3526e+01 1.0775e+02  
322 0.0000e+00 0.0000e+00 0.0000e+00 1.3562e+02 9.8935e-01 1.5670e+02  
312 0.0000e+00 0.0000e+00 0.0000e+00 2.1940e+02 -7.0390e+01 1.0359e+02

2225 310 0.0000e+00 0.0000e+00 0.0000e+00 9.4564e+01 -5.7647e+01 2.8955e+01  
320 0.0000e+00 0.0000e+00 0.0000e+00 8.1037e+01 -3.4700e+01 4.8513e+01  
321 0.0000e+00 0.0000e+00 0.0000e+00 8.7526e+01 -1.9857e+01 8.1311e+01  
311 0.0000e+00 0.0000e+00 0.0000e+00 1.2753e+02 -6.1899e+01 6.1753e+01

2226 309 0.0000e+00 0.0000e+00 0.0000e+00 8.0082e+01 -5.3510e+01 2.5754e+00  
319 0.0000e+00 0.0000e+00 0.0000e+00 7.3059e+01 -3.1261e+01 8.2298e+00  
320 0.0000e+00 0.0000e+00 0.0000e+00 7.5374e+01 -2.7742e+01 3.3507e+01  
310 0.0000e+00 0.0000e+00 0.0000e+00 8.9183e+01 -5.5586e+01 2.7853e+01

2227 308 0.0000e+00 0.0000e+00 0.0000e+00 8.7590e+01 -5.3884e+01 -2.5549e+01  
318 0.0000e+00 0.0000e+00 0.0000e+00 7.3432e+01 -2.6071e+01 -2.9713e+01  
319 0.0000e+00 0.0000e+00 0.0000e+00 7.2758e+01 -3.0910e+01 -4.5152e+00  
309 0.0000e+00 0.0000e+00 0.0000e+00 7.9888e+01 -5.3056e+01 -3.7843e-01

2228 307 0.0000e+00 0.0000e+00 0.0000e+00 1.2401e+02 -5.7946e+01 -5.9154e+01  
317 0.0000e+00 0.0000e+00 0.0000e+00 8.3312e+01 -1.6163e+01 -7.7141e+01  
318 0.0000e+00 0.0000e+00 0.0000e+00 7.8476e+01 -3.2303e+01 -4.4585e+01  
308 0.0000e+00 0.0000e+00 0.0000e+00 9.2573e+01 -5.5034e+01 -2.6598e+01

2229 306 0.0000e+00 0.0000e+00 0.0000e+00 2.1362e+02 -6.4007e+01 -1.0031e+02  
316 0.0000e+00 0.0000e+00 0.0000e+00 1.2912e+02 6.6293e+00 -1.5171e+02  
317 0.0000e+00 0.0000e+00 0.0000e+00 9.8714e+01 -3.9052e+01 -1.0331e+02  
307 0.0000e+00 0.0000e+00 0.0000e+00 1.4031e+02 -6.4332e+01 -5.1912e+01

2230 305 0.0000e+00 0.0000e+00 0.0000e+00 5.7876e+02 -2.9278e+01 -1.2420e+02  
315 0.0000e+00 0.0000e+00 0.0000e+00 1.7455e+02 6.4250e+01 -2.7885e+02  
316 0.0000e+00 0.0000e+00 0.0000e+00 1.6821e+02 -5.7160e+01 -1.9883e+02  
306 0.0000e+00 0.0000e+00 0.0000e+00 2.7298e+02 -1.2221e+02 -4.4181e+01

2231 206 0.0000e+00 0.0000e+00 0.0000e+00 8.9174e+01 5.2283e+02 1.5406e+02  
13 0.0000e+00 0.0000e+00 0.0000e+00 2.2468e+03 5.0974e+02 -4.3604e+02  
315 0.0000e+00 0.0000e+00 0.0000e+00 3.3707e+02 -4.1085e+02 -6.5529e+02  
305 0.0000e+00 0.0000e+00 0.0000e+00 8.0778e+02 1.0609e+01 -6.5191e+01

2232 303 0.0000e+00 0.0000e+00 0.0000e+00 1.8944e+02 1.3731e+02 -6.8193e+01  
313 0.0000e+00 0.0000e+00 0.0000e+00 4.4568e+02 1.4940e+02 -8.2163e+01  
314 0.0000e+00 0.0000e+00 0.0000e+00 4.2618e+02 3.1554e+02 -2.8769e+01  
304 0.0000e+00 0.0000e+00 0.0000e+00 1.8080e+02 2.2181e+02 -1.4804e+01

2233 302 0.0000e+00 0.0000e+00 0.0000e+00 2.1238e+02 -6.7255e+01 -2.8592e+01  
312 0.0000e+00 0.0000e+00 0.0000e+00 2.4998e+02 -7.0177e+01 3.7241e+01  
313 0.0000e+00 0.0000e+00 0.0000e+00 3.5432e+02 -8.2867e+01 -3.5696e+01

	303	0.0000e+00	0.0000e+00	0.0000e+00	2.4088e+02	5.8762e+01	-1.0152e+02
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	1.4146e+02	-7.8031e+01	-4.8532e+00
	311	0.0000e+00	0.0000e+00	0.0000e+00	1.4978e+02	-7.5933e+01	5.1286e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	2.3158e+02	-7.4844e+01	3.6671e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	1.7283e+02	-4.3782e+01	-1.9428e+01
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	9.4709e+01	-7.4551e+01	9.9949e-01
	310	0.0000e+00	0.0000e+00	0.0000e+00	1.0185e+02	-6.6909e+01	2.9289e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	1.3426e+02	-6.6087e+01	3.3144e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.1975e+02	-6.6085e+01	4.6692e+00
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	7.7442e+01	-6.9580e+01	-1.6356e+00
	309	0.0000e+00	0.0000e+00	0.0000e+00	8.5279e+01	-6.1203e+01	7.3047e+00
	310	0.0000e+00	0.0000e+00	0.0000e+00	9.4829e+01	-6.1351e+01	1.5228e+01
	300	0.0000e+00	0.0000e+00	0.0000e+00	8.5779e+01	-6.8677e+01	6.3748e+00
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	8.4695e+01	-6.6892e+01	-5.5781e+00
	308	0.0000e+00	0.0000e+00	0.0000e+00	9.3368e+01	-5.9456e+01	-1.3363e+01
	309	0.0000e+00	0.0000e+00	0.0000e+00	8.5091e+01	-6.0867e+01	-5.4340e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	7.7315e+01	-6.9143e+01	2.3729e+00
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	1.1717e+02	-6.1934e+01	-3.9141e+00
	307	0.0000e+00	0.0000e+00	0.0000e+00	1.3097e+02	-6.1897e+01	-3.1118e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	9.9975e+01	-6.4294e+01	-2.7280e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	9.3341e+01	-7.1862e+01	-1.2069e-01
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	1.6799e+02	-3.6915e+01	2.0155e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	2.2603e+02	-6.8208e+01	-3.4171e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	1.4595e+02	-7.0867e+01	-4.8941e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	1.3849e+02	-7.2887e+01	5.3840e+00
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	2.3224e+02	6.9074e+01	1.0252e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	3.4555e+02	-7.3583e+01	3.9432e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	2.4356e+02	-6.2336e+01	-3.4111e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	2.0691e+02	-5.9242e+01	2.8978e+01
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	1.6503e+02	2.3641e+02	1.5526e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	4.1131e+02	3.2960e+02	3.4617e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	4.3565e+02	1.6090e+02	8.7416e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	1.7921e+02	1.4945e+02	6.8323e+01
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	5.1845e+01	8.7244e+01	-5.3205e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	1.7606e+02	1.0864e+02	-6.6937e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	1.5206e+02	1.7460e+02	-2.6296e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	4.8611e+01	1.1545e+02	-1.2598e+01
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	7.7633e+01	-3.7088e+00	-5.2348e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	1.6063e+02	-3.2188e+01	-5.9387e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	1.5095e+02	4.4763e+01	-7.6662e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	7.3403e+01	5.0511e+01	-6.9614e+01
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	7.0785e+01	-5.0928e+01	-3.4486e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.1467e+02	-6.4684e+01	-1.5325e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	1.4848e+02	-5.0479e+01	-3.9917e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	7.5638e+01	-1.5458e+01	-5.9076e+01
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	5.2990e+01	-6.3464e+01	-1.6810e+01
	300	0.0000e+00	0.0000e+00	0.0000e+00	8.2276e+01	-7.1370e+01	-1.0031e+00
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.0591e+02	-6.9861e+01	-1.5111e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	6.1775e+01	-4.9070e+01	-3.1256e+01
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	4.3810e+01	-6.3691e+01	-2.8303e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	6.9549e+01	-7.0525e+01	3.3793e+00
	300	0.0000e+00	0.0000e+00	0.0000e+00	7.7812e+01	-7.1201e+01	-5.5486e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	4.7518e+01	-6.0510e+01	-1.1501e+01
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	4.7014e+01	-5.8940e+01	1.1467e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	7.6849e+01	-6.9250e+01	6.0511e+00
	299	0.0000e+00	0.0000e+00	0.0000e+00	6.9492e+01	-7.0254e+01	-2.6993e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	4.3731e+01	-6.3307e+01	2.8175e+00
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	6.0440e+01	-4.5442e+01	3.0606e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	1.0363e+02	-6.5572e+01	1.5296e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	8.1155e+01	-6.8823e+01	1.2443e+00
	288	0.0000e+00	0.0000e+00	0.0000e+00	5.2304e+01	-6.1079e+01	1.6542e+01
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	7.2616e+01	-9.5131e+00	5.7236e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	1.4405e+02	-4.3538e+01	3.9597e+01

	297	0.0000e+00	0.0000e+00	0.0000e+00	1.1207e+02	-5.9618e+01	1.5724e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	6.9099e+01	-4.6331e+01	3.3363e+01
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	6.6990e+01	5.9119e+01	6.5672e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	1.4251e+02	5.5029e+01	7.5559e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	1.5555e+02	-2.4121e+01	5.9533e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	7.3774e+01	3.5526e+00	4.9646e+01
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	3.5734e+01	1.2680e+02	4.8791e+00
	195	0.0000e+00	0.0000e+00	0.0000e+00	1.3690e+02	1.8894e+02	2.3548e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	1.6643e+02	1.2057e+02	6.6441e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	4.3496e+01	9.7710e+01	4.7766e+01
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	-4.5104e+01	4.7744e+01	-4.0298e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	4.2174e+01	6.5557e+01	-4.6847e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	3.3327e+01	9.0894e+01	-2.1697e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-4.7950e+01	5.8889e+01	-1.5204e+01
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	-3.1375e+01	7.4896e+00	-5.0477e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	5.0610e+01	-1.6964e+00	-6.1917e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	3.4625e+01	4.0828e+01	-6.2062e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-3.6153e+01	3.1992e+01	-5.0610e+01
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	2.4207e+01	-2.5666e+01	-4.0529e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	4.4064e+01	-4.1638e+01	-4.1861e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	4.4593e+01	-1.9955e+01	-5.7688e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	2.6967e+01	-4.5251e+00	-5.6334e+01
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	2.2948e+01	-4.1467e+01	-2.2262e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	3.3292e+01	-5.7212e+01	-1.8764e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	4.0028e+01	-5.0478e+01	-3.7109e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	2.3804e+01	-2.9796e+01	-4.0579e+01
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	2.3022e+01	-4.5058e+01	-2.5796e+00
	289	0.0000e+00	0.0000e+00	0.0000e+00	2.8061e+01	-6.0743e+01	-1.2352e+00
	290	0.0000e+00	0.0000e+00	0.0000e+00	3.1279e+01	-5.9980e+01	-1.7183e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	2.3454e+01	-4.1842e+01	-1.8968e+01
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	2.1947e+01	-4.0806e+01	1.9109e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	3.0749e+01	-5.8248e+01	1.7099e+01
	289	0.0000e+00	0.0000e+00	0.0000e+00	2.8092e+01	-6.0617e+01	-9.4315e-01
	279	0.0000e+00	0.0000e+00	0.0000e+00	2.2808e+01	-4.4798e+01	2.6080e+00
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	2.0724e+01	-2.7487e+01	3.9539e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	3.8861e+01	-4.6797e+01	3.6114e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	3.2845e+01	-5.5197e+01	1.8636e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	2.1042e+01	-3.9871e+01	2.2062e+01
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	2.2883e+01	-9.9989e-01	5.2985e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	4.1954e+01	-1.4100e+01	5.4972e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	4.2935e+01	-3.7574e+01	4.0828e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	2.0881e+01	-2.2668e+01	3.8842e+01
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	-3.2752e+01	3.6593e+01	4.3341e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	2.8622e+01	4.9160e+01	5.6418e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	4.7819e+01	4.7268e+00	5.9120e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	-2.7773e+01	1.1936e+01	4.6044e+01
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	-4.7745e+01	6.3903e+01	1.6461e+00
	184	0.0000e+00	0.0000e+00	0.0000e+00	2.2819e+01	1.0175e+02	1.1218e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	3.5729e+01	7.4511e+01	4.0865e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	-4.3249e+01	5.3607e+01	3.1278e+01
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.1639e+02	2.0975e+01	-3.1288e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-5.8197e+01	3.3424e+01	-3.5416e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-6.3658e+01	4.3124e+01	-1.9892e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.1961e+02	2.4967e+01	-1.5841e+01
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.0596e+02	5.9993e+00	-4.2282e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-4.8181e+01	2.6928e+00	-5.0833e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-6.0681e+01	2.3519e+01	-4.8015e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.1037e+02	1.4762e+01	-3.9448e+01
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	-9.5229e+01	-9.7684e+00	-3.6684e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-4.2771e+01	-2.3064e+01	-4.2702e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-5.0428e+01	-7.5931e+00	-5.2854e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-9.9823e+01	-7.2039e-01	-4.6792e+01
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	-8.8290e+01	-1.9846e+01	-2.0716e+01

	280	0.0000e+00	0.0000e+00	0.0000e+00	-4.1522e+01	-3.6835e+01	-2.3275e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-4.4049e+01	-2.9809e+01	-3.9964e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-9.1709e+01	-1.3675e+01	-3.7317e+01
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	-8.4997e+01	-2.3295e+01	-2.7796e+00
	279	0.0000e+00	0.0000e+00	0.0000e+00	-4.1188e+01	-4.1272e+01	-2.3137e+00
	280	0.0000e+00	0.0000e+00	0.0000e+00	-4.1896e+01	-3.9895e+01	-1.9827e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-8.6868e+01	-2.1262e+01	-1.8887e+01
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	-8.4372e+01	-2.0986e+01	2.0512e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	-4.0353e+01	-3.8690e+01	2.0258e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-4.0758e+01	-4.1363e+01	2.6071e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	-8.4685e+01	-2.3239e+01	3.0479e+00
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	-8.6489e+01	-1.3265e+01	3.7405e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	-4.0761e+01	-2.7512e+01	3.9006e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	-3.9123e+01	-3.5821e+01	2.3515e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	-8.5221e+01	-1.9450e+01	2.1918e+01
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	-9.2132e+01	-7.7324e-01	4.3938e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	-4.6010e+01	-4.3020e+00	4.9242e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	-3.8645e+01	-2.0993e+01	4.1394e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	-8.9602e+01	-9.2192e+00	3.6091e+01
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.0056e+02	1.3934e+01	3.1740e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	-5.6233e+01	2.7646e+01	3.9996e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	-4.2995e+01	5.7366e+00	4.6603e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	-9.8138e+01	6.3526e+00	3.8348e+01
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.0876e+02	2.1948e+01	6.8867e-01
	173	0.0000e+00	0.0000e+00	0.0000e+00	-5.9616e+01	4.7432e+01	5.0288e+00
	275	0.0000e+00	0.0000e+00	0.0000e+00	-5.3167e+01	3.6975e+01	2.6251e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.0681e+02	2.0409e+01	2.1887e+01
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	-1.8757e+02	-2.9676e+00	-2.4452e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.3155e+02	1.0466e+01	-2.8153e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-1.3638e+02	1.3054e+01	-1.6939e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-1.9129e+02	-3.5204e+00	-1.3405e+01
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.7926e+02	2.9609e+00	-3.4495e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.2317e+02	6.3764e-01	-4.0200e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-1.3270e+02	7.2761e+00	-3.8035e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-1.8237e+02	-2.1716e+00	-3.2304e+01
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.6808e+02	1.9915e+00	-2.9545e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.1553e+02	-9.7764e+00	-3.5835e+01
	272	0.0000e+00	0.0000e+00	0.0000e+00	-1.2424e+02	-3.6847e+00	-4.4112e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.7326e+02	1.6787e+00	-3.7718e+01
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.5797e+02	3.2600e+00	-1.5755e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.0991e+02	-1.7013e+01	-2.0553e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-1.1555e+02	-1.3664e+01	-3.4979e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.6347e+02	2.0295e+00	-2.9909e+01
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.5216e+02	5.0087e+00	-4.5202e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.0681e+02	-2.0172e+01	-2.9322e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	-1.0931e+02	-1.9433e+01	-1.7380e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.5542e+02	4.1968e+00	-1.4981e+01
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	-1.5164e+02	4.5795e+00	1.9417e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.0662e+02	-1.8992e+01	1.9671e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.0619e+02	-2.0516e+01	4.1200e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.5166e+02	5.2394e+00	4.1746e+00
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	-1.5526e+02	2.8692e+00	3.2818e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.0958e+02	-1.3314e+01	3.5705e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	-1.0594e+02	-1.7319e+01	2.2519e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-1.5321e+02	4.0805e+00	1.9637e+01
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	-1.6034e+02	-2.0686e+00	3.7701e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.1508e+02	-3.9108e+00	4.1809e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	-1.0825e+02	-1.0356e+01	3.5947e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-1.5894e+02	2.1420e+00	3.1838e+01
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	-1.6421e+02	-5.8262e+00	2.7491e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.2050e+02	5.8701e+00	3.0766e+01
	266	0.0000e+00	0.0000e+00	0.0000e+00	-1.1263e+02	-1.1074e+00	3.6868e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-1.6548e+02	-1.4624e+00	3.3595e+01

2281	151	0.0000e+00	0.0000e+00	0.0000e+00	-1.6784e+02	-1.1055e+01	1.1771e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.2056e+02	9.1752e+00	2.1205e+00
	265	0.0000e+00	0.0000e+00	0.0000e+00	-1.1790e+02	7.2189e+00	1.9171e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	-1.6860e+02	-6.3975e+00	1.8222e+01
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	-2.6474e+02	-1.7492e+01	-1.9174e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.0359e+02	-9.1725e+00	-2.2523e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.0906e+02	-1.1753e+01	-1.1757e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.6822e+02	-2.5069e+01	-9.2010e+00
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	-2.5469e+02	2.7732e+00	-2.6816e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.9724e+02	-1.8631e+00	-3.1076e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-2.0508e+02	-6.8347e+00	-3.1180e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-2.5780e+02	-1.0781e+01	-2.6823e+01
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	-2.3773e+02	1.1747e+01	-1.9004e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.8825e+02	2.4374e+00	-2.6669e+01
	262	0.0000e+00	0.0000e+00	0.0000e+00	-1.9703e+02	-1.7727e+00	-3.5557e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-2.4755e+02	6.5223e+00	-2.7421e+01
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.2155e+02	1.2808e+01	-8.7393e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.7859e+02	3.5358e+00	-1.4736e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-1.8601e+02	2.7814e+00	-2.6578e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-2.3203e+02	1.2535e+01	-1.8887e+01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.1274e+02	1.1852e+01	7.8081e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.7259e+02	4.4916e+00	-4.2356e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	-1.7639e+02	4.3906e+00	-1.2045e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.1817e+02	1.2372e+01	-8.9023e+00
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	-2.1337e+02	1.1349e+01	1.6304e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-1.7242e+02	4.6073e+00	1.7272e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.7180e+02	4.8271e+00	6.0484e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.1207e+02	1.1551e+01	5.4958e+00
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	-2.2141e+02	9.6178e+00	2.5534e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-1.7710e+02	3.9117e+00	3.0592e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	-1.7299e+02	3.9863e+00	1.9615e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	-2.1539e+02	1.1036e+01	1.4568e+01
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	-2.3034e+02	1.8449e+00	3.2071e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-1.8273e+02	-5.6461e+00	3.6895e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	-1.7756e+02	2.9468e+00	2.9897e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-2.2569e+02	7.7722e+00	2.5066e+01
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	-2.3262e+02	-2.1643e+01	2.7895e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	-1.8466e+02	-1.3569e+01	2.8005e+01
	256	0.0000e+00	0.0000e+00	0.0000e+00	-1.8091e+02	-7.5166e+00	3.1107e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-2.3591e+02	-5.6375e+00	3.1001e+01
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	-2.3377e+02	-4.2607e+01	3.3414e+00
	151	0.0000e+00	0.0000e+00	0.0000e+00	-1.8091e+02	-2.3002e+01	1.3733e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	-1.8079e+02	-1.8491e+01	1.7248e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-2.3774e+02	-3.0345e+01	1.9222e+01
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	-3.5769e+02	-3.5172e+01	-1.5665e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-2.8063e+02	-2.7852e+01	-1.7569e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.8736e+02	-3.8046e+01	-7.0498e+00
	244	0.0000e+00	0.0000e+00	0.0000e+00	-3.5942e+02	-5.6563e+01	-8.8358e+00
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	-3.3285e+02	1.2120e+01	-1.4877e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-2.7562e+02	2.0169e+00	-2.0070e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-2.8469e+02	-1.8103e+01	-2.6791e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-3.4397e+02	-1.3811e+01	-1.9598e+01
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	-2.9564e+02	2.0678e+01	-1.4317e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-2.5816e+02	1.4776e+01	-1.4377e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-2.7093e+02	2.1993e+00	-2.4176e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-3.2240e+02	1.8092e+01	-1.2653e+01
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	-2.6730e+02	1.8898e+01	1.5580e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.3896e+02	1.5183e+01	-8.0255e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	-2.5084e+02	1.0541e+01	-1.3478e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-2.8751e+02	2.0834e+01	-1.2163e+01
2296	239	0.0000e+00	0.0000e+00	0.0000e+00	-2.5415e+02	1.6545e+01	1.2524e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.2838e+02	1.2906e+01	-6.3984e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.3415e+02	1.2010e+01	-6.9286e+00



	240	0.0000e+00	0.0000e+00	0.0000e+00	-2.6260e+02	1.7650e+01	-1.0431e+01
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	-2.5750e+02	1.6315e+01	8.8551e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	-2.2927e+02	1.1121e+01	1.1670e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-2.2751e+02	1.2411e+01	8.5884e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	-2.5338e+02	1.6121e+01	6.4034e+00
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	-2.7610e+02	1.6942e+01	8.9221e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	-2.3985e+02	7.8719e+00	2.0357e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	-2.3229e+02	1.2998e+01	1.4214e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-2.6062e+02	1.6488e+01	3.0805e+00
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	-3.0359e+02	1.0192e+01	1.6348e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-2.5291e+02	-5.2445e+00	3.0500e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	-2.4518e+02	1.0049e+01	2.0643e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-2.8249e+02	1.5262e+01	6.5111e+00
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	-3.1565e+02	-2.7303e+01	2.7492e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	-2.5810e+02	-2.9571e+01	3.0528e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	-2.5522e+02	-7.6815e+00	2.4771e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-3.1197e+02	2.5544e+00	2.1770e+01
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	-3.1893e+02	-7.8603e+01	7.5153e+00
	140	0.0000e+00	0.0000e+00	0.0000e+00	-2.4953e+02	-5.6230e+01	2.8076e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	-2.5098e+02	-4.2758e+01	1.8696e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	-3.2678e+02	-5.1884e+01	2.3430e+01
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	-4.9410e+02	-4.4673e+01	-1.6053e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-3.7518e+02	-4.4879e+01	-1.2971e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-3.8297e+02	-7.6390e+01	-1.0431e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-5.0723e+02	-9.6773e+01	1.9399e+01
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	-3.8834e+02	2.7354e+01	5.7162e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-3.6077e+02	2.5738e+01	-1.6693e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-3.8463e+02	-2.3308e+01	-2.3261e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-4.5524e+02	3.3047e+01	3.0679e+01
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	-3.1565e+02	2.2661e+01	5.9662e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-3.1213e+02	2.6859e+01	2.0665e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-3.3852e+02	1.1789e+01	-1.8413e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-3.7226e+02	2.5745e+01	5.5621e+01
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	-2.7414e+02	1.3416e+01	4.0497e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-2.7570e+02	1.9937e+01	1.6975e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-2.9616e+02	1.6656e+01	2.4324e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-3.0374e+02	1.4413e+01	4.7904e+01
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.5756e+02	1.2152e+01	1.7609e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-2.5948e+02	1.5427e+01	9.1686e+00
	240	0.0000e+00	0.0000e+00	0.0000e+00	-2.6782e+02	1.5145e+01	1.9699e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-2.6791e+02	1.2308e+01	2.8490e+01
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	-2.6361e+02	1.2055e+01	-6.5223e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	-2.6290e+02	1.3981e+01	-2.3851e+00
	239	0.0000e+00	0.0000e+00	0.0000e+00	-2.5861e+02	1.4984e+01	1.1170e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.5689e+02	1.2436e+01	-6.8312e+00
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	-2.9404e+02	1.2164e+01	-2.5159e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	-2.8502e+02	1.2994e+01	-4.5948e+00
	238	0.0000e+00	0.0000e+00	0.0000e+00	-2.6899e+02	1.7425e+01	3.1241e+00
	222	0.0000e+00	0.0000e+00	0.0000e+00	-2.6845e+02	1.1935e+01	-1.8282e+01
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	-3.5613e+02	1.8852e+01	-3.2169e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-3.2004e+02	4.5620e+00	5.2529e+00
	237	0.0000e+00	0.0000e+00	0.0000e+00	-2.9899e+02	2.1074e+01	1.5676e+00
	220	0.0000e+00	0.0000e+00	0.0000e+00	-3.0436e+02	1.6621e+01	-3.6855e+01
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	-4.3056e+02	1.9937e+01	5.9813e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	-3.5676e+02	-3.7333e+01	3.4941e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	-3.3985e+02	1.4937e+01	6.2810e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	-3.7021e+02	1.5644e+01	-3.3086e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	-4.6995e+02	-1.1785e+02	8.0246e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	-3.4198e+02	-9.8723e+01	8.5732e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	-3.4371e+02	-6.2493e+01	1.8219e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-4.6684e+02	-6.2425e+01	1.7828e+01
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	-5.1545e+02	1.4271e+02	3.1971e+02
	232	0.0000e+00	0.0000e+00	0.0000e+00	-6.3161e+02	2.1761e+01	7.4956e+01

	234	0.0000e+00	0.0000e+00	0.0000e+00	-4.2592e+02	-1.6409e+02	-3.4254e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2177e+03	-9.0106e+01	2.1274e+02
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	-3.3736e+02	2.2853e+01	1.8364e+02
	230	0.0000e+00	0.0000e+00	0.0000e+00	-4.0504e+02	5.6701e+01	6.8241e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	-5.3722e+02	1.0600e+01	9.2056e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	-4.3921e+02	-3.5517e+01	2.0770e+02
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	-2.5623e+02	-3.7668e+01	1.1681e+02
	228	0.0000e+00	0.0000e+00	0.0000e+00	-3.0509e+02	2.2081e+01	6.2164e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-3.7033e+02	1.9491e+01	9.3157e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	-3.0197e+02	-1.4079e+01	1.4793e+02
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	-2.1723e+02	-4.4280e+01	6.5571e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-2.5928e+02	1.1392e+01	3.8926e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-2.9289e+02	1.0696e+01	6.8432e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	-2.3806e+02	-1.1243e+01	9.5216e+01
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.0259e+02	-4.2151e+01	2.0725e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.4316e+02	1.3728e+01	1.2308e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-2.5484e+02	1.2481e+01	4.0025e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	-2.0909e+02	-2.8619e+01	4.8884e+01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-2.0742e+02	-3.3426e+01	-2.3788e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-2.5060e+02	1.3369e+01	-1.7505e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.4312e+02	1.3937e+01	1.2062e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.0198e+02	-3.9340e+01	-6.6677e+00
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-2.3378e+02	-1.9362e+01	-6.9290e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-2.8382e+02	9.9455e+00	-4.5346e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-2.5501e+02	1.1330e+01	-1.6487e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-2.1423e+02	-4.2585e+01	-4.0273e+01
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-2.9438e+02	-7.5895e+00	-1.2055e+02
	218	0.0000e+00	0.0000e+00	0.0000e+00	-3.5536e+02	1.2141e+01	-6.9375e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-2.9619e+02	1.6797e+01	-3.9356e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-2.5026e+02	-3.6664e+01	-9.0518e+01
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-4.2711e+02	-2.0658e+01	-1.7756e+02
	216	0.0000e+00	0.0000e+00	0.0000e+00	-5.1475e+02	-5.6922e+00	-6.6612e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-3.9055e+02	4.6177e+01	-4.4663e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-3.2744e+02	2.0960e+01	-1.5560e+02
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2026e+03	-1.0725e+02	-1.7726e+02
	118	0.0000e+00	0.0000e+00	0.0000e+00	-3.9037e+02	-1.8664e+02	6.1402e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-6.0993e+02	-6.9260e+00	-5.0376e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	-5.0027e+02	1.3775e+02	-2.8903e+02
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	8.6768e+02	6.9818e+01	6.0087e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	3.7147e+02	-4.6225e+02	6.6009e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	2.2659e+03	5.7674e+02	4.5111e+02
	206	0.0000e+00	0.0000e+00	0.0000e+00	7.4220e+01	5.0024e+02	-1.4889e+02
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	3.2120e+02	-1.4001e+02	3.2926e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	1.9810e+02	-6.3226e+01	2.0882e+02
	215	0.0000e+00	0.0000e+00	0.0000e+00	1.8692e+02	8.2928e+01	2.7969e+02
	205	0.0000e+00	0.0000e+00	0.0000e+00	6.5513e+02	5.2338e+00	1.0379e+02
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	1.6559e+02	-6.7873e+01	4.6579e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	1.1408e+02	-4.4364e+01	1.1449e+02
	214	0.0000e+00	0.0000e+00	0.0000e+00	1.5805e+02	2.0920e+01	1.6428e+02
	204	0.0000e+00	0.0000e+00	0.0000e+00	2.4620e+02	-6.4138e+01	9.6366e+01
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	1.0319e+02	-5.5662e+01	2.2159e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	8.6637e+01	-3.1784e+01	4.8332e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	9.5383e+01	-7.8428e+00	8.3457e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	1.4245e+02	-6.0363e+01	5.7268e+01
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	7.9619e+01	-5.0610e+01	-4.3000e+00
	211	0.0000e+00	0.0000e+00	0.0000e+00	7.7209e+01	-2.9304e+01	5.7376e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	7.9701e+01	-1.9464e+01	3.1696e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	9.4672e+01	-5.4852e+01	2.2122e+01
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	7.4830e+01	-4.8696e+01	-2.9426e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	7.6462e+01	-2.7232e+01	-2.8675e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	7.5110e+01	-2.5260e+01	-6.9483e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	7.7408e+01	-5.1200e+01	-7.7729e+00
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	8.4851e+01	-4.6547e+01	-5.3810e+01

	209	0.0000e+00	0.0000e+00	0.0000e+00	8.1575e+01	-2.2958e+01	-6.0450e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	7.7434e+01	-2.7761e+01	-3.9807e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	7.6670e+01	-4.8977e+01	-3.3185e+01
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	1.0892e+02	-4.0517e+01	-7.6830e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	9.9519e+01	-1.2920e+01	-9.3723e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	8.5890e+01	-2.9108e+01	-7.2975e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	9.1440e+01	-4.6269e+01	-5.6093e+01
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	2.0403e+02	-1.0779e+01	-8.7752e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	9.6907e+01	8.4394e+00	-1.2403e+02
	208	0.0000e+00	0.0000e+00	0.0000e+00	1.0643e+02	-2.3738e+01	-1.0395e+02
	198	0.0000e+00	0.0000e+00	0.0000e+00	1.2784e+02	-4.9891e+01	-6.7682e+01
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	-2.5798e+01	9.9814e+01	-6.7475e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	5.3106e+02	1.1913e+02	-1.4744e+02
	207	0.0000e+00	0.0000e+00	0.0000e+00	1.2891e+02	-8.7315e+01	-1.9070e+02
	197	0.0000e+00	0.0000e+00	0.0000e+00	2.3584e+02	2.6675e+01	-1.1068e+02
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	1.6744e+02	1.5554e+02	-8.4186e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	4.3468e+02	2.2391e+02	-9.7247e+01
	206	0.0000e+00	0.0000e+00	0.0000e+00	4.0936e+02	3.0567e+02	-3.5948e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	1.6879e+02	2.4041e+02	-2.2888e+01
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	2.1168e+02	-4.0530e+01	-4.3363e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	2.6742e+02	-5.0196e+01	7.9230e+00
	205	0.0000e+00	0.0000e+00	0.0000e+00	3.4915e+02	-6.4788e+01	-6.3805e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	2.2395e+02	8.1811e+01	-1.1504e+02
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	1.5297e+02	-7.1617e+01	-2.1702e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	1.6519e+02	-6.9145e+01	3.8040e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	2.4805e+02	-7.3212e+01	1.8540e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	1.7958e+02	-2.8224e+01	-4.1195e+01
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	1.0176e+02	-7.4878e+01	-1.6293e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	1.1130e+02	-6.5352e+01	1.9173e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	1.4784e+02	-6.5303e+01	2.1682e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	1.2993e+02	-6.1293e+01	-1.3762e+01
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	7.4502e+01	-7.1166e+01	-2.0420e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	8.5710e+01	-6.0770e+01	-3.7050e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	1.0189e+02	-6.0073e+01	5.7349e+00
	191	0.0000e+00	0.0000e+00	0.0000e+00	8.9558e+01	-6.8584e+01	-1.1795e+01
2337	189	0.0000e+00	0.0000e+00	0.0000e+00	6.5942e+01	-6.7053e+01	-2.8526e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	7.9184e+01	-5.7069e+01	-2.4676e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	8.1986e+01	-5.7683e+01	-1.5039e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	6.9959e+01	-6.8772e+01	-1.8894e+01
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	7.3067e+01	-6.0321e+01	-3.6135e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	8.7733e+01	-5.3140e+01	-4.3390e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	8.0007e+01	-5.6135e+01	-3.5156e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	6.7200e+01	-6.6906e+01	-2.7918e+01
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	8.9467e+01	-4.4160e+01	-3.8670e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	1.1685e+02	-4.4966e+01	-5.6772e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	9.2983e+01	-5.3404e+01	-5.3706e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	7.9769e+01	-6.0904e+01	-3.5604e+01
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	1.3824e+02	4.5115e+00	-2.8553e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	1.3327e+02	-2.3126e+01	-5.2216e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	1.2450e+02	-3.7790e+01	-5.8863e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	1.0306e+02	-4.7550e+01	-3.5115e+01
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	-4.8307e+01	6.8698e+01	-5.4782e+01
	196	0.0000e+00	0.0000e+00	0.0000e+00	3.7196e+02	1.1666e+02	-7.1163e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	1.6582e+02	-1.2756e+01	-7.6137e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	1.3256e+02	4.7127e+01	-5.9756e+01
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	4.2693e+01	9.7069e+01	-5.5194e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	1.6232e+02	1.2437e+02	-7.3286e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	1.3433e+02	1.9194e+02	-3.0423e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	3.7762e+01	1.2580e+02	-1.2336e+01
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	6.9392e+01	1.2248e+01	-6.2885e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	1.5904e+02	-8.6611e+00	-7.5522e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	1.4433e+02	6.7735e+01	-8.3941e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	6.1088e+01	6.5332e+01	-7.1304e+01

2344 181 0.0000e+00 0.0000e+00 0.0000e+00 6.9794e+01 -4.3592e+01 -5.2212e+01  
192 0.0000e+00 0.0000e+00 0.0000e+00 1.1956e+02 -5.4376e+01 -3.6621e+01  
193 0.0000e+00 0.0000e+00 0.0000e+00 1.4691e+02 -3.7924e+01 -5.7295e+01  
182 0.0000e+00 0.0000e+00 0.0000e+00 7.1003e+01 -3.9257e+00 -7.2890e+01

2345 180 0.0000e+00 0.0000e+00 0.0000e+00 5.3265e+01 -6.5277e+01 -4.0286e+01  
191 0.0000e+00 0.0000e+00 0.0000e+00 8.5861e+01 -6.9727e+01 -2.2161e+01  
192 0.0000e+00 0.0000e+00 0.0000e+00 1.0998e+02 -6.7438e+01 -3.4418e+01  
181 0.0000e+00 0.0000e+00 0.0000e+00 6.2155e+01 -4.5133e+01 -5.2564e+01

2346 179 0.0000e+00 0.0000e+00 0.0000e+00 3.9175e+01 -7.0755e+01 -3.2688e+01  
190 0.0000e+00 0.0000e+00 0.0000e+00 6.5435e+01 -7.2343e+01 -2.0802e+01  
191 0.0000e+00 0.0000e+00 0.0000e+00 7.9649e+01 -7.2967e+01 -2.6031e+01  
180 0.0000e+00 0.0000e+00 0.0000e+00 4.6332e+01 -6.3062e+01 -3.7942e+01

2347 178 0.0000e+00 0.0000e+00 0.0000e+00 3.3238e+01 -6.9089e+01 -2.8322e+01  
189 0.0000e+00 0.0000e+00 0.0000e+00 5.8732e+01 -7.0616e+01 -2.4504e+01  
190 0.0000e+00 0.0000e+00 0.0000e+00 6.2607e+01 -7.2305e+01 -2.6682e+01  
179 0.0000e+00 0.0000e+00 0.0000e+00 3.5821e+01 -6.8983e+01 -3.0499e+01

2348 177 0.0000e+00 0.0000e+00 0.0000e+00 3.5542e+01 -6.0736e+01 -2.4651e+01  
188 0.0000e+00 0.0000e+00 0.0000e+00 6.3819e+01 -6.4946e+01 -2.7997e+01  
189 0.0000e+00 0.0000e+00 0.0000e+00 5.9204e+01 -6.8929e+01 -3.0246e+01  
178 0.0000e+00 0.0000e+00 0.0000e+00 3.3477e+01 -6.8123e+01 -2.6853e+01

2349 176 0.0000e+00 0.0000e+00 0.0000e+00 4.0241e+01 -4.1140e+01 -2.0301e+01  
187 0.0000e+00 0.0000e+00 0.0000e+00 8.1093e+01 -4.9156e+01 -2.8053e+01  
188 0.0000e+00 0.0000e+00 0.0000e+00 6.7555e+01 -6.0693e+01 -3.2584e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 3.8454e+01 -5.8691e+01 -2.4682e+01

2350 175 0.0000e+00 0.0000e+00 0.0000e+00 6.6351e+01 4.4151e+00 -1.7118e+01  
186 0.0000e+00 0.0000e+00 0.0000e+00 7.5580e+01 -1.0453e+01 -2.2381e+01  
187 0.0000e+00 0.0000e+00 0.0000e+00 8.6535e+01 -3.5697e+01 -2.5383e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 4.4880e+01 -3.8025e+01 -1.9979e+01

2351 174 0.0000e+00 0.0000e+00 0.0000e+00 -9.8915e+01 4.2401e+01 -4.2492e+01  
185 0.0000e+00 0.0000e+00 0.0000e+00 2.5950e+02 8.4136e+01 -4.8530e+01  
186 0.0000e+00 0.0000e+00 0.0000e+00 9.6503e+01 -7.7831e+00 -4.9506e+01  
175 0.0000e+00 0.0000e+00 0.0000e+00 5.8332e+01 3.7869e+01 -4.3494e+01

2352 172 0.0000e+00 0.0000e+00 0.0000e+00 -4.4141e+01 5.0179e+01 -3.9206e+01  
183 0.0000e+00 0.0000e+00 0.0000e+00 3.3307e+01 7.4179e+01 -4.8075e+01  
184 0.0000e+00 0.0000e+00 0.0000e+00 2.0955e+01 1.0112e+02 -1.9507e+01  
173 0.0000e+00 0.0000e+00 0.0000e+00 -4.6123e+01 6.2830e+01 -1.0641e+01

2353 171 0.0000e+00 0.0000e+00 0.0000e+00 -3.0518e+01 1.1240e+01 -5.7448e+01  
182 0.0000e+00 0.0000e+00 0.0000e+00 4.4849e+01 9.5648e+00 -7.0639e+01  
183 0.0000e+00 0.0000e+00 0.0000e+00 2.8852e+01 5.4203e+01 -6.3186e+01  
172 0.0000e+00 0.0000e+00 0.0000e+00 -3.6749e+01 3.6280e+01 -4.9995e+01

2354 170 0.0000e+00 0.0000e+00 0.0000e+00 2.2669e+01 -2.6511e+01 -5.7427e+01  
181 0.0000e+00 0.0000e+00 0.0000e+00 4.2056e+01 -3.6120e+01 -6.0931e+01  
182 0.0000e+00 0.0000e+00 0.0000e+00 3.9864e+01 -1.0227e+01 -6.9060e+01  
171 0.0000e+00 0.0000e+00 0.0000e+00 -2.5861e+01 -2.8517e+00 -6.5557e+01

2355 169 0.0000e+00 0.0000e+00 0.0000e+00 2.2031e+01 -4.9474e+01 -4.8676e+01  
180 0.0000e+00 0.0000e+00 0.0000e+00 3.1745e+01 -5.9356e+01 -4.5234e+01  
181 0.0000e+00 0.0000e+00 0.0000e+00 3.7809e+01 -4.8967e+01 -5.7206e+01  
170 0.0000e+00 0.0000e+00 0.0000e+00 2.2309e+01 -3.2854e+01 -6.0652e+01

2356 168 0.0000e+00 0.0000e+00 0.0000e+00 -2.4444e+01 -5.9782e+01 -3.8169e+01  
179 0.0000e+00 0.0000e+00 0.0000e+00 2.3325e+01 -6.8350e+01 -3.3844e+01  
180 0.0000e+00 0.0000e+00 0.0000e+00 2.8869e+01 -6.5414e+01 -4.4297e+01  
169 0.0000e+00 0.0000e+00 0.0000e+00 2.3396e+01 -5.1218e+01 -4.8629e+01

2357 167 0.0000e+00 0.0000e+00 0.0000e+00 -2.6627e+01 -6.1322e+01 -2.8574e+01  
178 0.0000e+00 0.0000e+00 0.0000e+00 2.0266e+01 -6.9339e+01 -2.6537e+01  
179 0.0000e+00 0.0000e+00 0.0000e+00 2.2143e+01 -7.0209e+01 -3.4986e+01  
168 0.0000e+00 0.0000e+00 0.0000e+00 -2.5754e+01 -5.9655e+01 -3.7019e+01

2358 166 0.0000e+00 0.0000e+00 0.0000e+00 -2.7063e+01 -5.4735e+01 -2.0695e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 2.1672e+01 -6.2889e+01 -2.1123e+01  
178 0.0000e+00 0.0000e+00 0.0000e+00 2.0672e+01 -6.8027e+01 -2.8229e+01  
167 0.0000e+00 0.0000e+00 0.0000e+00 -2.7034e+01 -6.0213e+01 -2.7729e+01

2359 165 0.0000e+00 0.0000e+00 0.0000e+00 -2.8565e+01 -3.7921e+01 -1.5932e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 2.7729e+01 -4.4454e+01 -1.6993e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 2.3713e+01 -5.8194e+01 -2.2707e+01

	166	0.0000e+00	0.0000e+00	0.0000e+00	-2.6852e+01	-5.1405e+01	-2.1452e+01
2360	164	0.0000e+00	0.0000e+00	0.0000e+00	1.9231e+01	-6.9427e+00	-1.5152e+01
	175	0.0000e+00	0.0000e+00	0.0000e+00	1.9631e+01	-1.0415e+01	-1.4447e+01
	176	0.0000e+00	0.0000e+00	0.0000e+00	3.0547e+01	-3.2543e+01	-1.5587e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-2.7526e+01	-3.3639e+01	-1.6253e+01
2361	163	0.0000e+00	0.0000e+00	0.0000e+00	-1.4994e+02	2.4257e+01	-3.5067e+01
	174	0.0000e+00	0.0000e+00	0.0000e+00	1.6534e+02	5.7596e+01	-3.7520e+01
	175	0.0000e+00	0.0000e+00	0.0000e+00	2.9805e+01	-1.2452e+01	-3.9798e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	2.2462e+01	2.6591e+01	-3.7367e+01
2362	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.0709e+02	1.5158e+01	-3.0577e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-5.4348e+01	3.4205e+01	-3.4738e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	-6.1170e+01	4.6579e+01	-1.4261e+01
	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.0761e+02	2.0972e+01	-1.0095e+01
2363	160	0.0000e+00	0.0000e+00	0.0000e+00	-9.9363e+01	2.6722e+00	-4.9329e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-4.5592e+01	3.2417e+00	-5.7441e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-5.6061e+01	2.6512e+01	-4.7598e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.0312e+02	9.1367e+00	-3.9484e+01
2364	159	0.0000e+00	0.0000e+00	0.0000e+00	-9.0955e+01	-2.1478e+01	-5.3831e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-4.0801e+01	-2.7251e+01	-5.9999e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-4.7782e+01	-7.4968e+00	-6.1879e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-9.4760e+01	-9.2246e+00	-5.5712e+01
2365	158	0.0000e+00	0.0000e+00	0.0000e+00	-8.5336e+01	-3.7262e+01	-4.8328e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-4.0643e+01	-4.7033e+01	-5.1034e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-4.2634e+01	-3.5345e+01	-5.9670e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-8.8199e+01	-2.6565e+01	-5.6968e+01
2366	157	0.0000e+00	0.0000e+00	0.0000e+00	-8.2725e+01	-4.7025e+01	-3.8511e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-4.2346e+01	-5.7484e+01	-3.9142e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-4.1875e+01	-5.2292e+01	-4.9764e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-8.4419e+01	-3.9847e+01	-4.9138e+01
2367	156	0.0000e+00	0.0000e+00	0.0000e+00	-8.1942e+01	-5.0446e+01	-2.8257e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-4.3587e+01	-6.0366e+01	-2.8272e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-4.2840e+01	-5.9855e+01	-3.8354e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-8.2731e+01	-4.7809e+01	-3.8337e+01
2368	155	0.0000e+00	0.0000e+00	0.0000e+00	-8.1802e+01	-4.6892e+01	-1.9982e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	-4.3999e+01	-5.5418e+01	-1.9778e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-4.3254e+01	-5.9883e+01	-2.8033e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	-8.2189e+01	-4.9765e+01	-2.8205e+01
2369	154	0.0000e+00	0.0000e+00	0.0000e+00	-8.4274e+01	-3.4935e+01	-1.5845e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-4.2059e+01	-3.9971e+01	-1.5063e+01
	166	0.0000e+00	0.0000e+00	0.0000e+00	-4.2646e+01	-5.2062e+01	-2.0423e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	-8.2235e+01	-4.3916e+01	-2.1165e+01
2370	153	0.0000e+00	0.0000e+00	0.0000e+00	-7.0735e+01	-1.0888e+01	-1.5561e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	-5.6735e+01	-1.3525e+01	-1.3674e+01
	165	0.0000e+00	0.0000e+00	0.0000e+00	-4.0767e+01	-3.0961e+01	-1.4478e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	-8.3852e+01	-3.1430e+01	-1.6385e+01
2371	152	0.0000e+00	0.0000e+00	0.0000e+00	-1.9770e+02	1.2644e+01	-3.0951e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	8.3805e+01	3.9391e+01	-3.1873e+01
	164	0.0000e+00	0.0000e+00	0.0000e+00	-4.6436e+01	-1.8013e+01	-3.5712e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	-7.7386e+01	1.7280e+01	-3.4797e+01
2372	150	0.0000e+00	0.0000e+00	0.0000e+00	-1.6771e+02	-1.3310e+01	-2.6764e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.1799e+02	2.7758e+00	-2.8326e+01
	162	0.0000e+00	0.0000e+00	0.0000e+00	-1.2176e+02	8.2036e+00	-1.1759e+01
	151	0.0000e+00	0.0000e+00	0.0000e+00	-1.6688e+02	-1.2071e+01	-1.0185e+01
2373	149	0.0000e+00	0.0000e+00	0.0000e+00	-1.6412e+02	-1.5107e+01	-4.4059e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-1.1334e+02	-1.0566e+01	-4.7819e+01
	161	0.0000e+00	0.0000e+00	0.0000e+00	-1.1948e+02	1.4679e+00	-3.9007e+01
	150	0.0000e+00	0.0000e+00	0.0000e+00	-1.6497e+02	-1.4362e+01	-3.5244e+01
2374	148	0.0000e+00	0.0000e+00	0.0000e+00	-1.5708e+02	-2.0819e+01	-4.8261e+01
	159	0.0000e+00	0.0000e+00	0.0000e+00	-1.0861e+02	-2.4674e+01	-5.3383e+01
	160	0.0000e+00	0.0000e+00	0.0000e+00	-1.1498e+02	-1.4131e+01	-5.3957e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	-1.6017e+02	-1.6873e+01	-4.8839e+01
2375	147	0.0000e+00	0.0000e+00	0.0000e+00	-1.4905e+02	-2.8937e+01	-4.3504e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-1.0488e+02	-3.6932e+01	-4.8473e+01

	159	0.0000e+00	0.0000e+00	0.0000e+00	-1.0944e+02	-2.8951e+01	-5.5287e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	-1.5363e+02	-2.2683e+01	-5.0327e+01
2376	146	0.0000e+00	0.0000e+00	0.0000e+00	-1.4265e+02	-3.6385e+01	-3.5122e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-1.0236e+02	-4.5590e+01	-3.8784e+01
	158	0.0000e+00	0.0000e+00	0.0000e+00	-1.0495e+02	-4.0771e+01	-4.8063e+01
	147	0.0000e+00	0.0000e+00	0.0000e+00	-1.4678e+02	-3.0487e+01	-4.4412e+01
2377	145	0.0000e+00	0.0000e+00	0.0000e+00	-1.3904e+02	-4.0515e+01	-2.6490e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	-1.0094e+02	-4.9456e+01	-2.8434e+01
	157	0.0000e+00	0.0000e+00	0.0000e+00	-1.0201e+02	-4.7988e+01	-3.7688e+01
	146	0.0000e+00	0.0000e+00	0.0000e+00	-1.4154e+02	-3.7257e+01	-3.5748e+01
2378	144	0.0000e+00	0.0000e+00	0.0000e+00	-1.3774e+02	-3.9540e+01	-1.9594e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	-1.0066e+02	-4.7103e+01	-1.9983e+01
	156	0.0000e+00	0.0000e+00	0.0000e+00	-1.0031e+02	-4.9775e+01	-2.7611e+01
	145	0.0000e+00	0.0000e+00	0.0000e+00	-1.3881e+02	-4.0385e+01	-2.7223e+01
2379	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.3971e+02	-3.2130e+01	-1.6206e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	-9.9164e+01	-3.6364e+01	-1.5586e+01
	155	0.0000e+00	0.0000e+00	0.0000e+00	-9.9450e+01	-4.5242e+01	-2.0366e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	-1.3818e+02	-3.7632e+01	-2.1025e+01
2380	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.2722e+02	-1.4339e+01	-1.5989e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	-1.1320e+02	-1.6686e+01	-1.4518e+01
	154	0.0000e+00	0.0000e+00	0.0000e+00	-9.8125e+01	-2.9951e+01	-1.5287e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.3948e+02	-3.0063e+01	-1.6788e+01
2381	141	0.0000e+00	0.0000e+00	0.0000e+00	-2.4088e+02	5.9561e+00	-2.8687e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	2.2893e+01	2.7327e+01	-2.9159e+01
	153	0.0000e+00	0.0000e+00	0.0000e+00	-1.0400e+02	-2.2250e+01	-3.3488e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.3314e+02	9.5409e+00	-3.3017e+01
2382	139	0.0000e+00	0.0000e+00	0.0000e+00	-2.3530e+02	-3.8981e+01	-2.6326e+01
	150	0.0000e+00	0.0000e+00	0.0000e+00	-1.7968e+02	-2.4745e+01	-2.5997e+01
	151	0.0000e+00	0.0000e+00	0.0000e+00	-1.8186e+02	-2.4122e+01	-1.0413e+01
	140	0.0000e+00	0.0000e+00	0.0000e+00	-2.3274e+02	-4.3859e+01	-1.0725e+01
2383	138	0.0000e+00	0.0000e+00	0.0000e+00	-2.3223e+02	-2.4410e+01	-4.0382e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	-1.7881e+02	-2.2410e+01	-4.1689e+01
	150	0.0000e+00	0.0000e+00	0.0000e+00	-1.8215e+02	-2.2850e+01	-3.5790e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	-2.3163e+02	-3.3667e+01	-3.4479e+01
2384	137	0.0000e+00	0.0000e+00	0.0000e+00	-2.2095e+02	-1.9511e+01	-3.9255e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	-1.7454e+02	-2.3126e+01	-4.5614e+01
	149	0.0000e+00	0.0000e+00	0.0000e+00	-1.8013e+02	-2.2049e+01	-4.8387e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-2.2727e+02	-2.0015e+01	-4.2037e+01
2385	136	0.0000e+00	0.0000e+00	0.0000e+00	-2.0653e+02	-2.3339e+01	-3.3152e+01
	147	0.0000e+00	0.0000e+00	0.0000e+00	-1.6741e+02	-2.8527e+01	-4.1786e+01
	148	0.0000e+00	0.0000e+00	0.0000e+00	-1.7368e+02	-2.5642e+01	-4.8281e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-2.1619e+02	-1.8011e+01	-3.9668e+01
2386	135	0.0000e+00	0.0000e+00	0.0000e+00	-1.9464e+02	-2.9786e+01	-2.7360e+01
	146	0.0000e+00	0.0000e+00	0.0000e+00	-1.6051e+02	-3.5307e+01	-3.4613e+01
	147	0.0000e+00	0.0000e+00	0.0000e+00	-1.6563e+02	-3.2086e+01	-4.1700e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-2.0284e+02	-2.3761e+01	-3.4467e+01
2387	134	0.0000e+00	0.0000e+00	0.0000e+00	-1.8784e+02	-3.4210e+01	-2.2756e+01
	145	0.0000e+00	0.0000e+00	0.0000e+00	-1.5611e+02	-3.9887e+01	-2.6811e+01
	146	0.0000e+00	0.0000e+00	0.0000e+00	-1.5902e+02	-3.8018e+01	-3.3415e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	-1.9237e+02	-3.0555e+01	-2.9367e+01
2388	133	0.0000e+00	0.0000e+00	0.0000e+00	-1.8583e+02	-3.4230e+01	-1.9058e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	-1.5469e+02	-3.9887e+01	-2.0025e+01
	145	0.0000e+00	0.0000e+00	0.0000e+00	-1.5523e+02	-4.0740e+01	-2.5698e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-1.8696e+02	-3.4438e+01	-2.4768e+01
2389	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.8828e+02	-2.9283e+01	-1.6640e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.5323e+02	-3.3412e+01	-1.6057e+01
	144	0.0000e+00	0.0000e+00	0.0000e+00	-1.5387e+02	-3.8879e+01	-2.0127e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-1.8611e+02	-3.3308e+01	-2.0836e+01
2390	131	0.0000e+00	0.0000e+00	0.0000e+00	-1.7754e+02	-1.6986e+01	-1.5923e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.6544e+02	-1.9466e+01	-1.4965e+01
	143	0.0000e+00	0.0000e+00	0.0000e+00	-1.5247e+02	-2.8844e+01	-1.5791e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.8835e+02	-2.8861e+01	-1.6795e+01
2391	130	0.0000e+00	0.0000e+00	0.0000e+00	-2.7821e+02	-7.3885e+00	-2.7658e+01

	141	0.0000e+00	0.0000e+00	0.0000e+00	-6.4106e+01	1.8546e+01	-2.8127e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	-1.5695e+02	-2.5559e+01	-3.1340e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-1.8327e+02	2.4866e+00	-3.0867e+01
2392	128	0.0000e+00	0.0000e+00	0.0000e+00	-3.2274e+02	-6.2849e+01	-2.8063e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	-2.4872e+02	-5.0856e+01	-2.5987e+01
	140	0.0000e+00	0.0000e+00	0.0000e+00	-2.5003e+02	-5.7676e+01	-9.5707e+00
	129	0.0000e+00	0.0000e+00	0.0000e+00	-3.1801e+02	-8.1434e+01	-1.1632e+01
2393	127	0.0000e+00	0.0000e+00	0.0000e+00	-3.0867e+02	-2.2388e+01	-3.0111e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-2.5036e+02	-2.7624e+01	-3.4297e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	-2.5400e+02	-4.2425e+01	-3.6745e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-3.1338e+02	-4.2376e+01	-3.2524e+01
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	-2.7740e+02	-1.5741e+01	-1.6392e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-2.3987e+02	-1.7668e+01	-3.3054e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-2.4884e+02	-2.6043e+01	-4.1134e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-2.9961e+02	-1.1695e+01	-2.4444e+01
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	-2.4811e+02	-2.1924e+01	-1.1608e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-2.2253e+02	-2.1384e+01	-2.9407e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-2.3422e+02	-2.2106e+01	-3.4521e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-2.6928e+02	-1.3176e+01	-1.6810e+01
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	-2.2723e+02	-2.9979e+01	-1.3088e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	-2.0785e+02	-2.8814e+01	-2.6228e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-2.1727e+02	-2.6577e+01	-2.8416e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-2.4191e+02	-2.2533e+01	-1.5324e+01
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	-2.1631e+02	-3.4571e+01	-1.6951e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-1.9951e+02	-3.4217e+01	-2.3572e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	-2.0466e+02	-3.2309e+01	-2.4535e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-2.2333e+02	-3.1037e+01	-1.7911e+01
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	-2.1464e+02	-3.3195e+01	-2.0051e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-1.9773e+02	-3.5116e+01	-2.0605e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-1.9852e+02	-3.5097e+01	-2.1914e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-2.1468e+02	-3.4892e+01	-2.1420e+01
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	-2.2148e+02	-2.6217e+01	-2.0397e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.9837e+02	-3.0796e+01	-1.7225e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-1.9812e+02	-3.3592e+01	-1.9833e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-2.1502e+02	-3.2638e+01	-2.3230e+01
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	-2.1710e+02	-1.6418e+01	-1.7722e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-2.1116e+02	-2.1827e+01	-1.4768e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-1.9900e+02	-2.6410e+01	-1.6416e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-2.2262e+02	-2.7353e+01	-1.9571e+01
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	-3.0875e+02	-1.7675e+01	-2.8912e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-1.2176e+02	-1.0421e+01	-2.8461e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-2.0290e+02	-2.8662e+01	-2.9096e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-2.2487e+02	-6.0703e+00	-2.9530e+01
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	-4.6443e+02	-9.4526e+01	-2.0266e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-3.3653e+02	-7.4046e+01	-2.5794e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	-3.4203e+02	-1.0235e+02	-1.1817e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-4.7009e+02	-1.1211e+02	-6.2853e+00
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	-3.7411e+02	-7.8911e+00	2.6466e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-3.3621e+02	-9.5945e+00	-1.2844e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-3.5144e+02	-5.2951e+01	-4.1279e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-4.2830e+02	8.7206e+00	-7.2263e+00
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	-3.0165e+02	-1.2322e+01	3.8836e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-2.9556e+02	9.2443e+00	-5.8557e+00
	127	0.0000e+00	0.0000e+00	0.0000e+00	-3.1899e+02	-1.9550e+01	-1.4012e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-3.5767e+02	7.7571e+00	3.0699e+01
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	-2.5297e+02	-2.7860e+01	2.6195e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-2.5631e+02	-1.9325e+01	-6.0459e+00
	126	0.0000e+00	0.0000e+00	0.0000e+00	-2.7974e+02	-1.8509e+01	-3.7114e+00
	112	0.0000e+00	0.0000e+00	0.0000e+00	-2.8799e+02	-1.9599e+01	3.0471e+01
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	-2.2250e+02	-4.0586e+01	8.5633e+00
	124	0.0000e+00	0.0000e+00	0.0000e+00	-2.3023e+02	-2.9969e+01	-1.1576e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-2.4618e+02	-2.6802e+01	-3.4213e+00
	110	0.0000e+00	0.0000e+00	0.0000e+00	-2.4337e+02	-3.4522e+01	1.7099e+01

2407 106 0.0000e+00 0.0000e+00 0.0000e+00 -2.0688e+02 -4.6744e+01 -9.3139e+00  
123 0.0000e+00 0.0000e+00 0.0000e+00 -2.1712e+02 -3.5743e+01 -1.8879e+01  
124 0.0000e+00 0.0000e+00 0.0000e+00 -2.2507e+02 -3.4196e+01 -9.5506e+00  
108 0.0000e+00 0.0000e+00 0.0000e+00 -2.1658e+02 -4.3101e+01 -7.0876e-01

2408 104 0.0000e+00 0.0000e+00 0.0000e+00 -2.0466e+02 -4.4335e+01 -2.4729e+01  
122 0.0000e+00 0.0000e+00 0.0000e+00 -2.1589e+02 -3.4943e+01 -2.4716e+01  
123 0.0000e+00 0.0000e+00 0.0000e+00 -2.1626e+02 -3.6349e+01 -1.6785e+01  
106 0.0000e+00 0.0000e+00 0.0000e+00 -2.0417e+02 -4.3787e+01 -1.6803e+01

2409 102 0.0000e+00 0.0000e+00 0.0000e+00 -2.1821e+02 -3.2177e+01 -3.4821e+01  
121 0.0000e+00 0.0000e+00 0.0000e+00 -2.2271e+02 -2.8274e+01 -2.5756e+01  
122 0.0000e+00 0.0000e+00 0.0000e+00 -2.1905e+02 -3.1808e+01 -2.2254e+01  
104 0.0000e+00 0.0000e+00 0.0000e+00 -2.0486e+02 -3.5496e+01 -3.1364e+01

2410 100 0.0000e+00 0.0000e+00 0.0000e+00 -2.3189e+02 -1.2981e+01 -3.2937e+01  
120 0.0000e+00 0.0000e+00 0.0000e+00 -2.4504e+02 -2.1674e+01 -1.8883e+01  
121 0.0000e+00 0.0000e+00 0.0000e+00 -2.2936e+02 -2.0863e+01 -2.2022e+01  
102 0.0000e+00 0.0000e+00 0.0000e+00 -2.2049e+02 -2.2536e+01 -3.6384e+01

2411 99 0.0000e+00 0.0000e+00 0.0000e+00 -3.3498e+02 -3.4279e+01 -3.8996e+01  
119 0.0000e+00 0.0000e+00 0.0000e+00 -1.6888e+02 -1.2953e+01 -3.0531e+01  
120 0.0000e+00 0.0000e+00 0.0000e+00 -2.4049e+02 -2.9037e+01 -3.1401e+01  
100 0.0000e+00 0.0000e+00 0.0000e+00 -2.4571e+02 -4.8247e+00 -3.9890e+01

2412 117 0.0000e+00 0.0000e+00 0.0000e+00 -5.2136e+02 1.4003e+02 2.9522e+02  
116 0.0000e+00 0.0000e+00 0.0000e+00 -6.2526e+02 -3.1671e+01 5.1039e+01  
118 0.0000e+00 0.0000e+00 0.0000e+00 -3.8376e+02 -1.8116e+02 -5.7549e+01  
2 0.0000e+00 0.0000e+00 0.0000e+00 -1.2122e+03 -1.1982e+02 1.8673e+02

2413 115 0.0000e+00 0.0000e+00 0.0000e+00 -3.3625e+02 3.0837e+01 1.7301e+02  
114 0.0000e+00 0.0000e+00 0.0000e+00 -4.0574e+02 3.6487e+01 4.5264e+01  
116 0.0000e+00 0.0000e+00 0.0000e+00 -5.3878e+02 -2.6878e+01 6.0500e+01  
117 0.0000e+00 0.0000e+00 0.0000e+00 -4.3770e+02 -2.3140e+01 1.8829e+02

2414 113 0.0000e+00 0.0000e+00 0.0000e+00 -2.4608e+02 -6.1788e+01 1.1407e+02  
112 0.0000e+00 0.0000e+00 0.0000e+00 -2.9460e+02 9.6251e+00 4.6552e+01  
114 0.0000e+00 0.0000e+00 0.0000e+00 -3.6606e+02 -8.3246e+00 7.2410e+01  
115 0.0000e+00 0.0000e+00 0.0000e+00 -2.9854e+02 -1.2835e+01 1.3993e+02

2415 111 0.0000e+00 0.0000e+00 0.0000e+00 -1.9315e+02 -7.4916e+01 7.0041e+01  
110 0.0000e+00 0.0000e+00 0.0000e+00 -2.3647e+02 -3.0257e+01 3.0196e+01  
112 0.0000e+00 0.0000e+00 0.0000e+00 -2.7889e+02 -2.4120e+01 5.4642e+01  
113 0.0000e+00 0.0000e+00 0.0000e+00 -2.2386e+02 -3.1186e+01 9.4488e+01

2416 109 0.0000e+00 0.0000e+00 0.0000e+00 -1.5986e+02 -7.5952e+01 3.4281e+01  
108 0.0000e+00 0.0000e+00 0.0000e+00 -2.0400e+02 -4.3769e+01 1.0318e+01  
110 0.0000e+00 0.0000e+00 0.0000e+00 -2.2835e+02 -3.9138e+01 3.2413e+01  
111 0.0000e+00 0.0000e+00 0.0000e+00 -1.7954e+02 -5.3883e+01 5.6400e+01

2417 107 0.0000e+00 0.0000e+00 0.0000e+00 -1.3905e+02 -6.6481e+01 3.4783e+00  
106 0.0000e+00 0.0000e+00 0.0000e+00 -1.8827e+02 -4.8709e+01 -9.3645e+00  
108 0.0000e+00 0.0000e+00 0.0000e+00 -1.9848e+02 -4.8007e+01 1.0897e+01  
109 0.0000e+00 0.0000e+00 0.0000e+00 -1.5184e+02 -7.2956e+01 2.3410e+01

2418 105 0.0000e+00 0.0000e+00 0.0000e+00 -1.2851e+02 -4.6189e+01 -2.5266e+01  
104 0.0000e+00 0.0000e+00 0.0000e+00 -1.8707e+02 -4.4523e+01 -2.7171e+01  
106 0.0000e+00 0.0000e+00 0.0000e+00 -1.8336e+02 -4.8583e+01 -8.4213e+00  
107 0.0000e+00 0.0000e+00 0.0000e+00 -1.3571e+02 -8.6552e+01 -6.5487e+00

2419 103 0.0000e+00 0.0000e+00 0.0000e+00 -1.2995e+02 -1.4794e+01 -5.3386e+01  
102 0.0000e+00 0.0000e+00 0.0000e+00 -2.0320e+02 -3.0937e+01 -4.2302e+01  
104 0.0000e+00 0.0000e+00 0.0000e+00 -1.8255e+02 -3.8792e+01 -2.4149e+01  
105 0.0000e+00 0.0000e+00 0.0000e+00 -1.3024e+02 -9.2631e+01 -3.5239e+01

2420 101 0.0000e+00 0.0000e+00 0.0000e+00 -1.4867e+02 2.5625e+01 -8.1658e+01  
100 0.0000e+00 0.0000e+00 0.0000e+00 -2.5721e+02 -1.6651e+01 -4.6788e+01  
102 0.0000e+00 0.0000e+00 0.0000e+00 -2.0350e+02 1.5646e+01 -3.1582e+01  
103 0.0000e+00 0.0000e+00 0.0000e+00 -1.3842e+02 -8.7178e+01 -6.6437e+01

2421 1 0.0000e+00 0.0000e+00 0.0000e+00 -3.8490e+02 4.4273e+01 -9.4773e+01  
99 0.0000e+00 0.0000e+00 0.0000e+00 -1.8161e+02 -3.1206e+01 -2.7325e+01  
100 0.0000e+00 0.0000e+00 0.0000e+00 -2.6489e+02 -1.0183e+01 -4.9324e+01  
101 0.0000e+00 0.0000e+00 0.0000e+00 -1.7417e+02 -3.6376e+01 -1.1700e+02



Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
674	1703	0.0000e+00	0.0000e+00	0.0000e+00	2.9997e+01	-3.7587e+00	1.6899e+01
	1893	0.0000e+00	0.0000e+00	0.0000e+00	7.0802e+00	1.4549e+02	-1.1618e+01
	84	0.0000e+00	0.0000e+00	0.0000e+00	-3.8203e+01	8.9955e+00	-5.7619e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	3.4915e+01	2.4662e+02	-3.5939e+01
675	1702	0.0000e+00	0.0000e+00	0.0000e+00	1.1773e+01	1.6825e+00	-7.8569e+00
	1892	0.0000e+00	0.0000e+00	0.0000e+00	1.6371e+01	9.1145e+01	-6.7262e+00
	1893	0.0000e+00	0.0000e+00	0.0000e+00	-1.3826e+00	9.0348e+01	7.5253e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	3.0918e+01	1.7506e+02	-8.2691e+00
676	1701	0.0000e+00	0.0000e+00	0.0000e+00	9.7731e-01	-2.7268e+01	-9.0298e+00
	1891	0.0000e+00	0.0000e+00	0.0000e+00	1.2538e+01	4.9974e+01	-9.8252e+00
	1892	0.0000e+00	0.0000e+00	0.0000e+00	-6.4384e+00	5.9339e+01	-8.0851e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	1.7269e+01	1.2925e+02	-7.5974e+00
677	1700	0.0000e+00	0.0000e+00	0.0000e+00	-6.8606e+00	-6.2321e+01	-8.8113e+00
	1890	0.0000e+00	0.0000e+00	0.0000e+00	9.8133e+00	1.1080e+01	-1.1252e+01
	1891	0.0000e+00	0.0000e+00	0.0000e+00	-9.3656e+00	2.0549e+01	-1.0900e+01
	1701	0.0000e+00	0.0000e+00	0.0000e+00	7.0073e+00	9.2207e+01	-8.6138e+00
678	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.3769e+01	-1.0184e+02	-6.8804e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	7.9256e+00	-2.8336e+01	-9.4272e+00
	1890	0.0000e+00	0.0000e+00	0.0000e+00	-1.1963e+01	-1.8567e+01	-1.1105e+01
	1700	0.0000e+00	0.0000e+00	0.0000e+00	7.4577e-01	5.8309e+01	-8.4857e+00
679	1698	0.0000e+00	0.0000e+00	0.0000e+00	-2.4426e+01	-1.4717e+02	-3.9575e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	5.6740e+00	-7.0151e+01	-4.5826e+00
	1889	0.0000e+00	0.0000e+00	0.0000e+00	-1.5438e+01	-5.9843e+01	-7.9787e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-6.5275e+00	2.6235e+01	-6.6201e+00
680	1697	0.0000e+00	0.0000e+00	0.0000e+00	-3.8712e+01	-2.0403e+02	5.8475e+00
	1887	0.0000e+00	0.0000e+00	0.0000e+00	1.8978e-01	-1.0711e+02	6.1283e+00
	1888	0.0000e+00	0.0000e+00	0.0000e+00	-2.0153e+01	-1.0605e+02	4.0301e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-1.7782e+01	-1.3949e+00	-3.9087e+00
681	28	0.0000e+00	0.0000e+00	0.0000e+00	-4.4436e+01	-2.9034e+02	-2.8735e+01
	83	0.0000e+00	0.0000e+00	0.0000e+00	4.2506e+01	-2.9401e+01	-5.1878e+01
	1887	0.0000e+00	0.0000e+00	0.0000e+00	-1.1040e+01	-1.6991e+02	-7.3883e+00
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-3.6072e+01	-2.2093e+00	1.7167e+01
682	1654	0.0000e+00	0.0000e+00	0.0000e+00	3.6080e+01	2.1847e+00	1.7152e+01
	1886	0.0000e+00	0.0000e+00	0.0000e+00	1.1050e+01	1.6991e+02	-7.3781e+00
	83	0.0000e+00	0.0000e+00	0.0000e+00	-4.2516e+01	2.9415e+01	-5.1877e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	4.4465e+01	2.9038e+02	-2.8730e+01
683	1653	0.0000e+00	0.0000e+00	0.0000e+00	1.7789e+01	1.3710e+00	-3.8764e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	2.0158e+01	1.0604e+02	4.0053e+00
	1886	0.0000e+00	0.0000e+00	0.0000e+00	-1.8493e-01	1.0710e+02	6.1082e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	3.8723e+01	2.0405e+02	5.8226e+00
684	1652	0.0000e+00	0.0000e+00	0.0000e+00	6.5348e+00	-2.6261e+01	-6.6014e+00
	1884	0.0000e+00	0.0000e+00	0.0000e+00	1.5441e+01	5.9823e+01	-7.9621e+00
	1885	0.0000e+00	0.0000e+00	0.0000e+00	-5.6734e+00	7.0133e+01	-4.5567e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	2.4434e+01	1.4717e+02	-3.9288e+00
685	1651	0.0000e+00	0.0000e+00	0.0000e+00	-7.5633e-01	-5.8327e+01	-8.4698e+00
	1883	0.0000e+00	0.0000e+00	0.0000e+00	1.1965e+01	1.8545e+01	-1.1089e+01
	1884	0.0000e+00	0.0000e+00	0.0000e+00	-7.9239e+00	2.8314e+01	-9.4111e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	1.3776e+01	1.0182e+02	-6.8627e+00
686	1650	0.0000e+00	0.0000e+00	0.0000e+00	-7.0018e+00	-9.2211e+01	-8.6007e+00
	1882	0.0000e+00	0.0000e+00	0.0000e+00	9.3664e+00	-2.0570e+01	-1.0884e+01
	1883	0.0000e+00	0.0000e+00	0.0000e+00	-9.8101e+00	-1.1102e+01	-1.1236e+01
	1651	0.0000e+00	0.0000e+00	0.0000e+00	6.8681e+00	6.2295e+01	-8.7956e+00
687	1649	0.0000e+00	0.0000e+00	0.0000e+00	-1.7260e+01	-1.2924e+02	-7.5985e+00
	1881	0.0000e+00	0.0000e+00	0.0000e+00	6.4385e+00	-5.9351e+01	-8.0819e+00
	1882	0.0000e+00	0.0000e+00	0.0000e+00	-1.2533e+01	-4.9988e+01	-9.8106e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-9.8928e-01	2.7238e+01	-9.0173e+00
688	1648	0.0000e+00	0.0000e+00	0.0000e+00	-3.0901e+01	-1.7501e+02	-8.2954e+00
	1880	0.0000e+00	0.0000e+00	0.0000e+00	1.3908e+00	-9.0341e+01	7.5485e+00
	1881	0.0000e+00	0.0000e+00	0.0000e+00	-1.6362e+01	-9.1146e+01	-6.7325e+00
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-1.1766e+01	-1.7071e+00	-7.8660e+00
689	27	0.0000e+00	0.0000e+00	0.0000e+00	-3.4891e+01	-2.4653e+02	-3.5924e+01
	82	0.0000e+00	0.0000e+00	0.0000e+00	3.8181e+01	-9.0085e+00	-5.7611e+01

	1880	0.0000e+00	0.0000e+00	0.0000e+00	-7.0750e+00	-1.4545e+02	-1.1602e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-2.9982e+01	3.7919e+00	1.6957e+01
690	1879	0.0000e+00	0.0000e+00	0.0000e+00	1.0029e+01	1.4946e+02	1.1696e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	2.7724e+01	3.5376e+00	-1.3059e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.8519e+01	2.5774e+02	2.9913e+01
	73	0.0000e+00	0.0000e+00	0.0000e+00	-4.1536e+01	2.5806e+01	5.1563e+01
691	1878	0.0000e+00	0.0000e+00	0.0000e+00	1.7034e+01	9.2496e+01	5.2997e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	1.2559e+01	-1.6706e+00	6.2016e+00
	882	0.0000e+00	0.0000e+00	0.0000e+00	3.0440e+01	1.8033e+02	4.7992e+00
	1879	0.0000e+00	0.0000e+00	0.0000e+00	-1.9601e+00	9.3165e+01	3.4155e+00
692	1877	0.0000e+00	0.0000e+00	0.0000e+00	1.2970e+01	5.0422e+01	1.1601e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	1.6002e+00	-2.8379e+01	1.0600e+01
	880	0.0000e+00	0.0000e+00	0.0000e+00	1.8595e+01	1.3077e+02	7.2387e+00
	1878	0.0000e+00	0.0000e+00	0.0000e+00	-6.4011e+00	6.0020e+01	8.1038e+00
693	1876	0.0000e+00	0.0000e+00	0.0000e+00	9.8533e+00	1.0775e+01	1.3504e+01
	876	0.0000e+00	0.0000e+00	0.0000e+00	-7.2357e+00	-6.1935e+01	1.1520e+01
	878	0.0000e+00	0.0000e+00	0.0000e+00	8.0370e+00	9.1788e+01	1.0877e+01
	1877	0.0000e+00	0.0000e+00	0.0000e+00	-9.2727e+00	2.0696e+01	1.2840e+01
694	1875	0.0000e+00	0.0000e+00	0.0000e+00	7.5567e+00	-2.9111e+01	1.0879e+01
	874	0.0000e+00	0.0000e+00	0.0000e+00	-1.5995e+01	-1.0094e+02	8.7749e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	-7.8310e-01	5.7910e+01	1.1172e+01
	1876	0.0000e+00	0.0000e+00	0.0000e+00	-1.2224e+01	-1.8842e+01	1.3284e+01
695	1874	0.0000e+00	0.0000e+00	0.0000e+00	5.2184e+00	-7.1392e+01	3.7609e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	-2.7412e+01	-1.4752e+02	2.5714e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	-8.9119e+00	2.7096e+01	7.7457e+00
	1875	0.0000e+00	0.0000e+00	0.0000e+00	-1.6107e+01	-6.0773e+01	9.1687e+00
696	1873	0.0000e+00	0.0000e+00	0.0000e+00	3.8105e-01	-1.0955e+02	-5.8510e+00
	870	0.0000e+00	0.0000e+00	0.0000e+00	-4.0534e+01	-2.0725e+02	-6.4435e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	-2.0454e+01	8.6726e-01	-2.0539e+00
	1874	0.0000e+00	0.0000e+00	0.0000e+00	-2.0980e+01	-1.0786e+02	-1.9602e+00
697	72	0.0000e+00	0.0000e+00	0.0000e+00	4.0272e+01	-4.1904e+01	4.6154e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	-4.2413e+01	-2.9729e+02	2.2003e+01
	870	0.0000e+00	0.0000e+00	0.0000e+00	-3.6560e+01	-1.4853e+00	-1.9384e+01
	1873	0.0000e+00	0.0000e+00	0.0000e+00	-1.2605e+01	-1.7193e+02	5.2635e+00
698	1872	0.0000e+00	0.0000e+00	0.0000e+00	1.2494e+01	1.7200e+02	5.5861e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	3.6127e+01	1.4177e+00	-1.9323e+01
	6	0.0000e+00	0.0000e+00	0.0000e+00	4.1994e+01	2.9760e+02	2.1891e+01
	72	0.0000e+00	0.0000e+00	0.0000e+00	-4.1240e+01	4.2540e+01	4.6454e+01
699	1871	0.0000e+00	0.0000e+00	0.0000e+00	2.0948e+01	1.0773e+02	-1.7862e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	2.0373e+01	-8.8020e-01	-1.9742e+00
	796	0.0000e+00	0.0000e+00	0.0000e+00	4.0267e+01	2.0740e+02	-6.2810e+00
	1872	0.0000e+00	0.0000e+00	0.0000e+00	-5.3766e-01	1.0947e+02	-5.5297e+00
700	1870	0.0000e+00	0.0000e+00	0.0000e+00	1.6113e+01	6.0613e+01	9.2165e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	8.9188e+00	-2.7302e+01	7.7572e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	2.7376e+01	1.4753e+02	2.5662e+00
	1871	0.0000e+00	0.0000e+00	0.0000e+00	-5.2565e+00	7.1231e+01	3.8080e+00
701	1869	0.0000e+00	0.0000e+00	0.0000e+00	1.2233e+01	1.8660e+01	1.3274e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	7.7260e-01	-5.8067e+01	1.1155e+01
	792	0.0000e+00	0.0000e+00	0.0000e+00	1.6016e+01	1.0083e+02	8.7919e+00
	1870	0.0000e+00	0.0000e+00	0.0000e+00	-7.5566e+00	2.8927e+01	1.0906e+01
702	1868	0.0000e+00	0.0000e+00	0.0000e+00	9.2685e+00	-2.0867e+01	1.2783e+01
	788	0.0000e+00	0.0000e+00	0.0000e+00	-8.0059e+00	-9.1846e+01	1.0832e+01
	790	0.0000e+00	0.0000e+00	0.0000e+00	7.2631e+00	6.1742e+01	1.1503e+01
	1869	0.0000e+00	0.0000e+00	0.0000e+00	-9.8381e+00	-1.0948e+01	1.3478e+01
703	1867	0.0000e+00	0.0000e+00	0.0000e+00	6.3585e+00	-6.0147e+01	8.0331e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-1.8620e+01	-1.3068e+02	7.2111e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.5893e+00	2.8151e+01	1.0564e+01
	1868	0.0000e+00	0.0000e+00	0.0000e+00	-1.2956e+01	-5.0552e+01	1.1526e+01
704	1866	0.0000e+00	0.0000e+00	0.0000e+00	1.7757e+00	-9.3184e+01	3.5861e+00
	784	0.0000e+00	0.0000e+00	0.0000e+00	-3.0669e+01	-1.8007e+02	4.9694e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-1.2635e+01	1.6000e+00	6.2316e+00
	1867	0.0000e+00	0.0000e+00	0.0000e+00	-1.7056e+01	-9.2568e+01	5.2371e+00
705	71	0.0000e+00	0.0000e+00	0.0000e+00	4.0370e+01	-2.5179e+01	5.1212e+01

	5	0.0000e+00	0.0000e+00	0.0000e+00	-3.8732e+01	-2.5730e+02	3.0002e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-2.8075e+01	-3.6064e+00	-1.3220e+01
	1866	0.0000e+00	0.0000e+00	0.0000e+00	-1.0087e+01	-1.4931e+02	1.1144e+01
706	1865	0.0000e+00	0.0000e+00	0.0000e+00	-1.2516e+01	1.1313e+02	4.0428e+00
	1023	0.0000e+00	0.0000e+00	0.0000e+00	2.9577e+01	-2.5999e+01	-2.8507e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	5.4006e+01	2.3139e+02	2.9148e+01
	75	0.0000e+00	0.0000e+00	0.0000e+00	-3.9430e+01	-1.7422e+01	4.8733e+01
707	1864	0.0000e+00	0.0000e+00	0.0000e+00	1.4746e+01	7.0634e+01	-9.4187e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	1.2110e+01	-2.2913e+01	-1.3420e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	2.8177e+01	1.6053e+02	-1.5563e+01
	1865	0.0000e+00	0.0000e+00	0.0000e+00	-6.6312e+00	6.9857e+01	-1.1483e+01
708	1863	0.0000e+00	0.0000e+00	0.0000e+00	1.1328e+01	3.0532e+01	-5.5406e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	6.3452e+00	-4.7341e+01	-7.0502e+00
	1021	0.0000e+00	0.0000e+00	0.0000e+00	1.5627e+01	1.1411e+02	-1.0703e+01
	1864	0.0000e+00	0.0000e+00	0.0000e+00	-5.5521e+00	4.1603e+01	-9.1988e+00
709	1862	0.0000e+00	0.0000e+00	0.0000e+00	8.1050e+00	-8.0293e+00	-3.6437e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-1.0153e+01	-7.9333e+01	-5.7360e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	7.8573e+00	7.7486e+01	-6.2276e+00
	1863	0.0000e+00	0.0000e+00	0.0000e+00	-8.7094e+00	4.8816e+00	-4.8667e+00
710	1861	0.0000e+00	0.0000e+00	0.0000e+00	5.7485e+00	-4.5051e+01	-7.7828e+00
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-1.7358e+01	-1.1679e+02	-1.0397e+01
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-6.7813e+00	4.5847e+01	-6.5081e+00
	1862	0.0000e+00	0.0000e+00	0.0000e+00	-1.1753e+01	-3.4024e+01	-4.2288e+00
711	1860	0.0000e+00	0.0000e+00	0.0000e+00	8.7371e+00	-7.2781e+01	-9.9028e+00
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-2.4889e+01	-1.6334e+02	-1.5903e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-1.2897e+01	2.0256e+01	-1.3917e+01
	1861	0.0000e+00	0.0000e+00	0.0000e+00	-1.3473e+01	-7.4082e+01	-8.1396e+00
712	74	0.0000e+00	0.0000e+00	0.0000e+00	5.1924e+01	1.1511e+01	5.4927e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.4658e+01	-2.3075e+02	2.0210e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-2.3447e+01	1.8313e+01	-3.2089e+01
	1860	0.0000e+00	0.0000e+00	0.0000e+00	1.1871e+01	-1.1389e+02	7.1071e+00
713	1599	0.0000e+00	0.0000e+00	0.0000e+00	3.4191e+01	-2.5400e+01	3.8025e+01
	1859	0.0000e+00	0.0000e+00	0.0000e+00	-1.5176e+01	1.0404e+02	-1.1701e+01
	86	0.0000e+00	0.0000e+00	0.0000e+00	-3.1747e+01	-4.1426e+01	-5.5588e+01
	31	0.0000e+00	0.0000e+00	0.0000e+00	5.4814e+01	2.1472e+02	-3.1429e+01
714	1598	0.0000e+00	0.0000e+00	0.0000e+00	1.5185e+01	-2.1367e+01	1.8300e+01
	1858	0.0000e+00	0.0000e+00	0.0000e+00	1.4276e+01	7.0812e+01	1.4338e+01
	1859	0.0000e+00	0.0000e+00	0.0000e+00	-8.1613e+00	6.6701e+01	1.7973e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	3.2409e+01	1.5178e+02	2.1896e+01
715	1597	0.0000e+00	0.0000e+00	0.0000e+00	5.3087e+00	-4.4730e+01	1.0054e+01
	1857	0.0000e+00	0.0000e+00	0.0000e+00	1.1529e+01	3.1967e+01	9.1486e+00
	1858	0.0000e+00	0.0000e+00	0.0000e+00	-4.5575e+00	4.2676e+01	1.4361e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	1.8239e+01	1.0903e+02	1.5331e+01
716	1596	0.0000e+00	0.0000e+00	0.0000e+00	-6.8305e+00	-7.5788e+01	5.2086e+00
	1856	0.0000e+00	0.0000e+00	0.0000e+00	8.1014e+00	-8.0170e+00	4.3886e+00
	1857	0.0000e+00	0.0000e+00	0.0000e+00	-7.7610e+00	8.6878e+00	8.0942e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	8.4943e+00	7.4625e+01	8.7156e+00
717	1595	0.0000e+00	0.0000e+00	0.0000e+00	-1.6817e+01	-1.1163e+02	5.6818e+00
	1855	0.0000e+00	0.0000e+00	0.0000e+00	4.7324e+00	-4.2218e+01	5.0333e+00
	1856	0.0000e+00	0.0000e+00	0.0000e+00	-1.1412e+01	-3.1362e+01	4.1655e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-4.2703e+00	4.4555e+01	4.2389e+00
718	1594	0.0000e+00	0.0000e+00	0.0000e+00	-3.2588e+01	-1.5686e+02	9.4505e+00
	1854	0.0000e+00	0.0000e+00	0.0000e+00	5.3158e+00	-6.8563e+01	8.5682e+00
	1855	0.0000e+00	0.0000e+00	0.0000e+00	-1.5153e+01	-7.0742e+01	6.7989e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-1.3893e+01	2.1856e+01	7.0563e+00
719	30	0.0000e+00	0.0000e+00	0.0000e+00	-5.0378e+01	-2.2588e+02	-3.1718e+01
	85	0.0000e+00	0.0000e+00	0.0000e+00	3.5539e+01	2.9264e+01	-5.3979e+01
	1854	0.0000e+00	0.0000e+00	0.0000e+00	1.0428e+01	-1.1062e+02	-3.1112e+00
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-3.5124e+01	2.7049e+01	2.1833e+01
720	1853	0.0000e+00	0.0000e+00	0.0000e+00	-1.1943e+01	1.1422e+02	7.2388e+00
	957	0.0000e+00	0.0000e+00	0.0000e+00	2.3379e+01	-1.8250e+01	-3.2147e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	3.4856e+01	2.3132e+02	1.9982e+01
	70	0.0000e+00	0.0000e+00	0.0000e+00	-5.2444e+01	-1.1575e+01	5.5074e+01

721	1852	0.0000e+00	0.0000e+00	0.0000e+00	1.3506e+01	7.4223e+01	-8.0536e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	1.2973e+01	-2.0183e+01	-1.3943e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	2.4919e+01	1.6363e+02	-1.5915e+01
	1853	0.0000e+00	0.0000e+00	0.0000e+00	-8.7688e+00	7.2975e+01	-9.8166e+00
722	1851	0.0000e+00	0.0000e+00	0.0000e+00	1.1792e+01	3.4188e+01	-4.1482e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	6.5551e+00	-4.5646e+01	-6.4895e+00
	955	0.0000e+00	0.0000e+00	0.0000e+00	1.7459e+01	1.1689e+02	-1.0394e+01
	1852	0.0000e+00	0.0000e+00	0.0000e+00	-5.6990e+00	4.5202e+01	-7.7469e+00
723	1850	0.0000e+00	0.0000e+00	0.0000e+00	8.7392e+00	-4.5637e+00	-4.6976e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	-7.2287e+00	-7.7026e+01	-6.0814e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	1.0107e+01	7.9304e+01	-5.6734e+00
	1851	0.0000e+00	0.0000e+00	0.0000e+00	-7.9840e+00	8.2142e+00	-3.5681e+00
724	1849	0.0000e+00	0.0000e+00	0.0000e+00	5.5677e+00	-4.1122e+01	-8.9365e+00
	949	0.0000e+00	0.0000e+00	0.0000e+00	-1.5056e+01	-1.1328e+02	-1.0427e+01
	951	0.0000e+00	0.0000e+00	0.0000e+00	-5.8174e+00	4.7255e+01	-6.8592e+00
	1850	0.0000e+00	0.0000e+00	0.0000e+00	-1.1171e+01	-3.0124e+01	-5.3643e+00
725	1848	0.0000e+00	0.0000e+00	0.0000e+00	6.6962e+00	-6.9102e+01	-1.1100e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-2.7793e+01	-1.5921e+02	-1.5117e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-1.1569e+01	2.2870e+01	-1.3101e+01
	1849	0.0000e+00	0.0000e+00	0.0000e+00	-1.4607e+01	-6.9966e+01	-9.1658e+00
726	69	0.0000e+00	0.0000e+00	0.0000e+00	3.9097e+01	1.9266e+01	4.9013e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.4644e+01	-2.2955e+02	2.9323e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-2.9385e+01	2.6099e+01	-2.7986e+01
	1848	0.0000e+00	0.0000e+00	0.0000e+00	1.2854e+01	-1.1215e+02	3.7857e+00
727	1557	0.0000e+00	0.0000e+00	0.0000e+00	3.5163e+01	-2.7044e+01	2.1874e+01
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-1.0458e+01	1.1068e+02	-3.1146e+00
	81	0.0000e+00	0.0000e+00	0.0000e+00	-3.5565e+01	-2.9274e+01	-5.3952e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	5.0546e+01	2.2599e+02	-3.1707e+01
728	1556	0.0000e+00	0.0000e+00	0.0000e+00	1.3927e+01	-2.1832e+01	7.0771e+00
	1846	0.0000e+00	0.0000e+00	0.0000e+00	1.5168e+01	7.0758e+01	6.7916e+00
	1847	0.0000e+00	0.0000e+00	0.0000e+00	-5.3204e+00	6.8592e+01	8.5804e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	3.2628e+01	1.5692e+02	9.4843e+00
729	1555	0.0000e+00	0.0000e+00	0.0000e+00	4.2833e+00	-4.4521e+01	4.1834e+00
	1845	0.0000e+00	0.0000e+00	0.0000e+00	1.1422e+01	3.1364e+01	4.1059e+00
	1846	0.0000e+00	0.0000e+00	0.0000e+00	-4.7208e+00	4.2226e+01	5.0294e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	1.6853e+01	1.1165e+02	5.6838e+00
730	1554	0.0000e+00	0.0000e+00	0.0000e+00	-8.4587e+00	-7.4559e+01	8.6467e+00
	1844	0.0000e+00	0.0000e+00	0.0000e+00	7.7684e+00	-8.5864e+00	8.0257e+00
	1845	0.0000e+00	0.0000e+00	0.0000e+00	-8.0865e+00	7.9563e+00	4.3203e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	6.8617e+00	7.5779e+01	5.1457e+00
731	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.8191e+01	-1.0891e+02	1.5264e+01
	1843	0.0000e+00	0.0000e+00	0.0000e+00	4.5631e+00	-4.2602e+01	1.4298e+01
	1844	0.0000e+00	0.0000e+00	0.0000e+00	-1.1509e+01	-3.1898e+01	9.0814e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-5.2882e+00	4.4704e+01	9.9835e+00
732	1552	0.0000e+00	0.0000e+00	0.0000e+00	-3.2349e+01	-1.5160e+02	2.1825e+01
	1842	0.0000e+00	0.0000e+00	0.0000e+00	8.1772e+00	-6.6594e+01	1.7902e+01
	1843	0.0000e+00	0.0000e+00	0.0000e+00	-1.4250e+01	-7.0719e+01	1.4272e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-1.5143e+01	2.1319e+01	1.8235e+01
733	25	0.0000e+00	0.0000e+00	0.0000e+00	-5.4917e+01	-2.1445e+02	-3.1426e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	3.1716e+01	4.1717e+01	-5.5640e+01
	1842	0.0000e+00	0.0000e+00	0.0000e+00	1.5229e+01	-1.0390e+02	-1.1609e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-3.4138e+01	2.5329e+01	3.7979e+01
734	1515	0.0000e+00	0.0000e+00	0.0000e+00	6.2580e+00	1.6508e+02	2.3431e+01
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-1.7533e+01	2.4715e+02	-6.5877e+00
	88	0.0000e+00	0.0000e+00	0.0000e+00	-3.5940e+01	1.1564e+02	-5.7801e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-3.1477e+01	3.1838e+02	-3.4300e+01
735	1514	0.0000e+00	0.0000e+00	0.0000e+00	-8.2743e+00	1.4790e+02	1.2588e+01
	1840	0.0000e+00	0.0000e+00	0.0000e+00	6.4496e+00	2.2177e+02	8.2443e+00
	1841	0.0000e+00	0.0000e+00	0.0000e+00	-1.1209e+01	2.1878e+02	9.1025e+00
	1515	0.0000e+00	0.0000e+00	0.0000e+00	5.4591e+00	2.9290e+02	1.3472e+01
736	1513	0.0000e+00	0.0000e+00	0.0000e+00	-1.0815e+01	1.0938e+02	1.0341e+01
	1839	0.0000e+00	0.0000e+00	0.0000e+00	7.8476e+00	1.8553e+02	5.6403e+00
	1840	0.0000e+00	0.0000e+00	0.0000e+00	-9.7707e+00	1.9670e+02	7.2810e+00

	1514	0.0000e+00	0.0000e+00	0.0000e+00	-5.3013e+00	2.6759e+02	1.2367e+01
737	1512	0.0000e+00	0.0000e+00	0.0000e+00	-9.6196e+00	6.4935e+01	1.1734e+01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	8.3739e+00	1.4735e+02	7.2601e+00
	1839	0.0000e+00	0.0000e+00	0.0000e+00	-1.1071e+01	1.5956e+02	5.2111e+00
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-5.4496e+00	2.3903e+02	1.1396e+01
738	1511	0.0000e+00	0.0000e+00	0.0000e+00	-7.4806e+00	1.9901e+01	1.3993e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	9.1310e+00	1.0731e+02	1.1034e+01
	1838	0.0000e+00	0.0000e+00	0.0000e+00	-1.1586e+01	1.1955e+02	8.0582e+00
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-3.6202e+00	2.0532e+02	1.2404e+01
739	1510	0.0000e+00	0.0000e+00	0.0000e+00	-6.6233e+00	-2.7396e+01	1.6648e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	9.5256e+00	6.5404e+01	1.5195e+01
	1837	0.0000e+00	0.0000e+00	0.0000e+00	-1.1851e+01	7.7950e+01	1.2010e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-2.3989e+00	1.6743e+02	1.4282e+01
740	1509	0.0000e+00	0.0000e+00	0.0000e+00	-9.1448e+00	-7.3117e+01	2.0069e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	8.9157e+00	2.1804e+01	1.9430e+01
	1836	0.0000e+00	0.0000e+00	0.0000e+00	-1.2732e+01	3.4815e+01	1.6102e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	2.2384e+00	1.2734e+02	1.6938e+01
741	1508	0.0000e+00	0.0000e+00	0.0000e+00	-1.7842e+01	-1.2237e+02	2.4460e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	6.8263e+00	-2.6336e+01	2.3411e+01
	1835	0.0000e+00	0.0000e+00	0.0000e+00	-1.5253e+01	-1.3550e+01	2.0014e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-3.1339e+00	8.7801e+01	2.0863e+01
742	1507	0.0000e+00	0.0000e+00	0.0000e+00	-3.5137e+01	-1.8197e+02	2.8192e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	9.7672e+00	-6.7230e+01	2.3093e+01
	1834	0.0000e+00	0.0000e+00	0.0000e+00	-1.9925e+01	-6.2794e+01	2.1772e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-1.2830e+01	5.4456e+01	2.6848e+01
743	32	0.0000e+00	0.0000e+00	0.0000e+00	-1.0126e+02	-2.7107e+02	-3.4930e+01
	87	0.0000e+00	0.0000e+00	0.0000e+00	4.7706e+01	6.3013e+01	-5.0939e+01
	1833	0.0000e+00	0.0000e+00	0.0000e+00	-2.5198e+01	-1.2464e+02	-2.0506e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-3.6162e+01	5.0742e+01	4.2103e+01
744	1446	0.0000e+00	0.0000e+00	0.0000e+00	4.1665e+01	3.8733e+01	4.3160e+01
	1832	0.0000e+00	0.0000e+00	0.0000e+00	2.5218e+01	2.0632e+02	-1.7604e+01
	87	0.0000e+00	0.0000e+00	0.0000e+00	-4.3148e+01	8.7634e+01	-4.9672e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	9.6055e+01	3.3058e+02	-2.7217e+01
745	1445	0.0000e+00	0.0000e+00	0.0000e+00	2.2738e+01	3.5342e+01	-2.2254e+01
	1831	0.0000e+00	0.0000e+00	0.0000e+00	2.2045e+01	1.4057e+02	-1.8861e+01
	1832	0.0000e+00	0.0000e+00	0.0000e+00	4.6173e+00	1.4184e+02	2.2184e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	4.5195e+01	2.3841e+02	2.5352e+01
746	1444	0.0000e+00	0.0000e+00	0.0000e+00	1.0107e+01	1.4261e+01	-1.7894e+01
	1830	0.0000e+00	0.0000e+00	0.0000e+00	1.6413e+01	9.4195e+01	-1.8483e+01
	1831	0.0000e+00	0.0000e+00	0.0000e+00	-4.7335e+00	1.0419e+02	-2.0142e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	2.9367e+01	1.7852e+02	-1.9805e+01
747	1443	0.0000e+00	0.0000e+00	0.0000e+00	2.7659e+00	-2.6029e+01	-1.6622e+01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	1.2512e+01	5.4346e+01	-1.8696e+01
	1830	0.0000e+00	0.0000e+00	0.0000e+00	-7.0653e+00	6.3138e+01	-1.8943e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	1.6924e+01	1.3291e+02	-1.7269e+01
748	1442	0.0000e+00	0.0000e+00	0.0000e+00	-4.4797e+00	-5.8243e+01	-1.5840e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	1.0203e+01	1.9136e+01	-1.8755e+01
	1829	0.0000e+00	0.0000e+00	0.0000e+00	-8.8871e+00	2.6225e+01	-1.8914e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	9.0493e+00	9.4976e+01	-1.6323e+01
749	1441	0.0000e+00	0.0000e+00	0.0000e+00	-1.0140e+01	-9.5844e+01	-1.5015e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	8.7350e+00	-2.3398e+01	-1.8271e+01
	1828	0.0000e+00	0.0000e+00	0.0000e+00	-1.0862e+01	-1.6564e+01	-1.8690e+01
	1442	0.0000e+00	0.0000e+00	0.0000e+00	3.6445e+00	6.1415e+01	-1.5662e+01
750	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.8020e+01	-1.3978e+02	-1.3696e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	7.4119e+00	-6.2069e+01	-1.6595e+01
	1827	0.0000e+00	0.0000e+00	0.0000e+00	-1.3657e+01	-5.2849e+01	-1.7765e+01
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-3.4313e+00	3.0747e+01	-1.4965e+01
751	1439	0.0000e+00	0.0000e+00	0.0000e+00	-3.0874e+01	-1.9332e+02	-1.1708e+01
	1825	0.0000e+00	0.0000e+00	0.0000e+00	5.4083e+00	-1.0716e+02	-1.2934e+01
	1826	0.0000e+00	0.0000e+00	0.0000e+00	-1.8158e+01	-9.6182e+01	-1.5160e+01
	1440	0.0000e+00	0.0000e+00	0.0000e+00	-1.0457e+01	-1.0778e+01	-1.3784e+01
752	1438	0.0000e+00	0.0000e+00	0.0000e+00	-4.8647e+01	-2.6355e+02	-1.2907e+01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-3.4065e+00	-1.5200e+02	-1.0188e+01

	1825	0.0000e+00	0.0000e+00	0.0000e+00	-2.4942e+01	-1.4794e+02	-9.6130e+00
	1439	0.0000e+00	0.0000e+00	0.0000e+00	-2.3209e+01	-3.0025e+01	-1.2205e+01
753	31	0.0000e+00	0.0000e+00	0.0000e+00	-9.3652e+01	-3.7190e+02	-3.2424e+01
	86	0.0000e+00	0.0000e+00	0.0000e+00	5.2965e+01	-9.6849e+01	-5.1666e+01
	1824	0.0000e+00	0.0000e+00	0.0000e+00	-2.4893e+01	-2.2726e+02	-1.5611e+01
	1438	0.0000e+00	0.0000e+00	0.0000e+00	-4.4051e+01	-3.2722e+01	2.2589e+01
754	1823	0.0000e+00	0.0000e+00	0.0000e+00	-3.8550e+01	2.4590e+02	2.2980e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	-3.2418e+01	1.5432e+02	-4.8587e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-8.7657e+01	3.4487e+02	2.2300e+01
	77	0.0000e+00	0.0000e+00	0.0000e+00	-7.8566e+01	1.5932e+02	6.0890e+01
755	1822	0.0000e+00	0.0000e+00	0.0000e+00	1.4177e+01	2.0839e+02	-2.9845e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-1.6840e+01	1.3362e+02	-3.8314e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	-3.1039e+01	2.9638e+02	-3.5625e+01
	1823	0.0000e+00	0.0000e+00	0.0000e+00	-1.6281e+01	2.0928e+02	-2.7261e+01
756	1821	0.0000e+00	0.0000e+00	0.0000e+00	1.1012e+01	1.7187e+02	-3.0488e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-1.0350e+01	9.9180e+01	-3.3553e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	-1.6298e+01	2.5833e+02	-3.5465e+01
	1822	0.0000e+00	0.0000e+00	0.0000e+00	-1.0776e+01	1.8274e+02	-3.1963e+01
757	1820	0.0000e+00	0.0000e+00	0.0000e+00	9.7712e+00	1.3457e+02	-2.7809e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-6.9901e+00	6.4265e+01	-3.0105e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	-9.1796e+00	2.2302e+02	-3.2736e+01
	1821	0.0000e+00	0.0000e+00	0.0000e+00	-1.0319e+01	1.4637e+02	-3.0197e+01
758	1819	0.0000e+00	0.0000e+00	0.0000e+00	9.0855e+00	9.7659e+01	-2.3883e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-7.0061e+00	4.0151e+01	-2.6368e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	-3.9249e+00	1.8745e+02	-2.9430e+01
	1820	0.0000e+00	0.0000e+00	0.0000e+00	-1.0773e+01	1.0909e+02	-2.6973e+01
759	1818	0.0000e+00	0.0000e+00	0.0000e+00	8.4601e+00	6.3022e+01	-1.9051e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-1.0747e+01	-5.0000e+01	-2.2119e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	-1.7219e+00	1.5128e+02	-2.5471e+01
	1819	0.0000e+00	0.0000e+00	0.0000e+00	-1.1613e+01	7.3188e+01	-2.2817e+01
760	1817	0.0000e+00	0.0000e+00	0.0000e+00	7.4875e+00	4.1256e+01	-1.4392e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.7141e+01	-8.4367e+01	-1.8316e+01
	682	0.0000e+00	0.0000e+00	0.0000e+00	-6.5848e+00	1.1529e+02	-2.0990e+01
	1818	0.0000e+00	0.0000e+00	0.0000e+00	-1.3172e+01	4.5018e+01	-1.7963e+01
761	1816	0.0000e+00	0.0000e+00	0.0000e+00	5.9784e+00	-5.6180e+01	-1.4842e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-2.6332e+01	-1.2827e+02	-1.8552e+01
	680	0.0000e+00	0.0000e+00	0.0000e+00	-1.2998e+01	8.1302e+01	-1.7393e+01
	1817	0.0000e+00	0.0000e+00	0.0000e+00	-1.5805e+01	-4.8160e+01	-1.4190e+01
762	1815	0.0000e+00	0.0000e+00	0.0000e+00	9.3868e+00	-8.2925e+01	-1.8328e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-3.8621e+01	-1.8279e+02	-2.3645e+01
	678	0.0000e+00	0.0000e+00	0.0000e+00	-2.2069e+01	5.4616e+01	-2.0394e+01
	1816	0.0000e+00	0.0000e+00	0.0000e+00	-1.7967e+01	-8.4807e+01	-1.5788e+01
763	76	0.0000e+00	0.0000e+00	0.0000e+00	3.7160e+01	2.2811e+01	4.6204e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	-4.9061e+01	-2.5764e+02	1.5636e+01
	676	0.0000e+00	0.0000e+00	0.0000e+00	-3.6650e+01	5.2009e+01	-4.1490e+01
	1815	0.0000e+00	0.0000e+00	0.0000e+00	-1.2833e+01	-1.2095e+02	-6.3151e+00
764	1814	0.0000e+00	0.0000e+00	0.0000e+00	2.2588e+01	2.0774e+02	2.8659e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	4.4012e+01	2.8043e+01	-4.3638e+01
	10	0.0000e+00	0.0000e+00	0.0000e+00	8.2876e+01	3.3831e+02	3.7304e+01
	76	0.0000e+00	0.0000e+00	0.0000e+00	-4.6318e+01	9.0782e+01	4.4378e+01
765	1813	0.0000e+00	0.0000e+00	0.0000e+00	2.3391e+01	1.3829e+02	2.4004e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	2.7817e+01	2.5660e+01	2.6985e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	4.8817e+01	2.3913e+02	-3.1422e+01
	1814	0.0000e+00	0.0000e+00	0.0000e+00	3.9284e+00	1.4140e+02	-2.8466e+01
766	1812	0.0000e+00	0.0000e+00	0.0000e+00	1.7454e+01	9.1041e+01	2.5389e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	1.6809e+01	3.9082e+00	2.4948e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	3.4549e+01	1.7496e+02	2.5495e+01
	1813	0.0000e+00	0.0000e+00	0.0000e+00	-4.2155e+00	1.0123e+02	2.5694e+01
767	1811	0.0000e+00	0.0000e+00	0.0000e+00	1.3008e+01	5.0669e+01	2.6985e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	1.0561e+01	-2.4925e+01	2.5579e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	2.2494e+01	1.2689e+02	2.5003e+01
	1812	0.0000e+00	0.0000e+00	0.0000e+00	-6.5312e+00	5.9867e+01	2.6283e+01
768	1810	0.0000e+00	0.0000e+00	0.0000e+00	9.9328e+00	1.4470e+01	2.7004e+01

	568	0.0000e+00	0.0000e+00	0.0000e+00	-1.0821e+01	-5.5321e+01	2.5366e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	1.3949e+01	8.8485e+01	2.5725e+01
	1811	0.0000e+00	0.0000e+00	0.0000e+00	-8.6791e+00	2.2598e+01	2.7319e+01
769	1809	0.0000e+00	0.0000e+00	0.0000e+00	7.6827e+00	-2.3929e+01	2.4605e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-1.7085e+01	-9.0798e+01	2.2950e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	9.3677e+00	5.6149e+01	2.5049e+01
	1810	0.0000e+00	0.0000e+00	0.0000e+00	-1.1284e+01	-1.5622e+01	2.6696e+01
770	1808	0.0000e+00	0.0000e+00	0.0000e+00	5.7926e+00	-6.3234e+01	1.9174e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-2.6761e+01	-1.3386e+02	1.7724e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-1.1865e+01	2.7393e+01	2.1997e+01
	1809	0.0000e+00	0.0000e+00	0.0000e+00	-1.4835e+01	-5.3309e+01	2.3500e+01
771	1807	0.0000e+00	0.0000e+00	0.0000e+00	3.6751e+00	-1.0829e+02	1.1431e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-4.0188e+01	-1.8816e+02	1.1268e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-1.9848e+01	-3.1380e+00	1.6226e+01
	1808	0.0000e+00	0.0000e+00	0.0000e+00	-1.9852e+01	-9.6905e+01	1.6966e+01
772	1806	0.0000e+00	0.0000e+00	0.0000e+00	-3.0503e+00	-1.5262e+02	-1.1207e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-5.5365e+01	-2.5997e+02	-1.4976e+01
	562	0.0000e+00	0.0000e+00	0.0000e+00	-3.2264e+01	-2.4496e+01	1.1699e+01
	1807	0.0000e+00	0.0000e+00	0.0000e+00	-2.6019e+01	-1.4935e+02	8.4893e+00
773	75	0.0000e+00	0.0000e+00	0.0000e+00	3.9552e+01	-9.3454e+01	4.4762e+01
	9	0.0000e+00	0.0000e+00	0.0000e+00	-6.6967e+01	-3.6616e+02	2.1231e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-4.9116e+01	-2.8672e+01	-3.2101e+01
	1806	0.0000e+00	0.0000e+00	0.0000e+00	-2.0798e+01	-2.2212e+02	7.1775e+00
774	1805	0.0000e+00	0.0000e+00	0.0000e+00	2.5829e+01	2.2040e+02	4.0582e+00
	459	0.0000e+00	0.0000e+00	0.0000e+00	5.5236e+01	2.2908e+01	-2.1326e+01
	8	0.0000e+00	0.0000e+00	0.0000e+00	8.4227e+01	3.6501e+02	2.6848e+01
	74	0.0000e+00	0.0000e+00	0.0000e+00	-2.8790e+01	9.1910e+01	3.9092e+01
775	1804	0.0000e+00	0.0000e+00	0.0000e+00	2.6814e+01	1.4669e+02	8.1983e+00
	457	0.0000e+00	0.0000e+00	0.0000e+00	3.1137e+01	2.3692e+01	1.1841e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	5.8355e+01	2.5615e+02	-1.0388e+01
	1805	0.0000e+00	0.0000e+00	0.0000e+00	4.7144e+00	1.5049e+02	-7.8506e+00
776	1803	0.0000e+00	0.0000e+00	0.0000e+00	1.9369e+01	9.5329e+01	1.8986e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	1.7098e+01	2.2368e+00	1.8692e+01
	457	0.0000e+00	0.0000e+00	0.0000e+00	3.8355e+01	1.8496e+02	1.2527e+01
	1804	0.0000e+00	0.0000e+00	0.0000e+00	-2.9581e+00	1.0650e+02	1.2628e+01
777	1802	0.0000e+00	0.0000e+00	0.0000e+00	1.4203e+01	5.2992e+01	2.5187e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	7.8379e+00	-2.4848e+01	2.3692e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	2.4104e+01	1.3175e+02	1.9916e+01
	1803	0.0000e+00	0.0000e+00	0.0000e+00	-5.3109e+00	6.2578e+01	2.1388e+01
778	1801	0.0000e+00	0.0000e+00	0.0000e+00	1.0713e+01	1.6069e+01	2.7415e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	-2.4081e+00	-5.2198e+01	2.5728e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	1.4065e+01	8.9606e+01	2.4469e+01
	1802	0.0000e+00	0.0000e+00	0.0000e+00	-7.0755e+00	2.4353e+01	2.6155e+01
779	1800	0.0000e+00	0.0000e+00	0.0000e+00	8.1366e+00	-1.8962e+01	2.6349e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-9.0031e+00	-8.2520e+01	2.4798e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	5.8542e+00	5.4862e+01	2.5875e+01
	1801	0.0000e+00	0.0000e+00	0.0000e+00	-9.0894e+00	-1.0967e+01	2.7428e+01
780	1799	0.0000e+00	0.0000e+00	0.0000e+00	5.9469e+00	-5.4697e+01	2.1748e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.8350e+01	-1.1812e+02	2.0562e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-3.3898e+00	2.5131e+01	2.4252e+01
	1800	0.0000e+00	0.0000e+00	0.0000e+00	-1.1910e+01	-4.5943e+01	2.5444e+01
781	1798	0.0000e+00	0.0000e+00	0.0000e+00	3.6086e+00	-9.3681e+01	1.2777e+01
	445	0.0000e+00	0.0000e+00	0.0000e+00	-3.0930e+01	-1.6244e+02	1.2432e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-1.2105e+01	-2.1339e+00	1.9216e+01
	1799	0.0000e+00	0.0000e+00	0.0000e+00	-1.6112e+01	-8.4082e+01	1.9601e+01
782	1797	0.0000e+00	0.0000e+00	0.0000e+00	-1.7833e+00	-1.3006e+02	2.5394e+00
	443	0.0000e+00	0.0000e+00	0.0000e+00	-4.5445e+01	-2.2169e+02	3.8458e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	-2.4542e+01	-2.3096e+01	9.5125e+00
	1798	0.0000e+00	0.0000e+00	0.0000e+00	-2.1568e+01	-1.2854e+02	8.9748e+00
783	73	0.0000e+00	0.0000e+00	0.0000e+00	3.6274e+01	-6.6280e+01	4.9923e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	-4.8439e+01	-3.1306e+02	2.6567e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	-4.1424e+01	-2.2221e+01	-1.3300e+01
	1797	0.0000e+00	0.0000e+00	0.0000e+00	-1.4987e+01	-1.9100e+02	1.1674e+01

784 1371 0.0000e+00 0.0000e+00 0.0000e+00 4.3863e+01 3.4016e+01 3.0014e+01  
1796 0.0000e+00 0.0000e+00 0.0000e+00 1.8380e+01 2.2205e+02 -1.6032e+01  
85 0.0000e+00 0.0000e+00 0.0000e+00 -4.7701e+01 8.4415e+01 -5.1391e+01  
30 0.0000e+00 0.0000e+00 0.0000e+00 6.7494e+01 3.5952e+02 -2.8990e+01

785 1370 0.0000e+00 0.0000e+00 0.0000e+00 2.5224e+01 3.1163e+01 -1.5465e+01  
1795 0.0000e+00 0.0000e+00 0.0000e+00 2.4100e+01 1.4881e+02 -1.3551e+01  
1796 0.0000e+00 0.0000e+00 0.0000e+00 2.4395e+00 1.5147e+02 1.5826e+01  
1371 0.0000e+00 0.0000e+00 0.0000e+00 4.8744e+01 2.5812e+02 -1.7722e+01

786 1369 0.0000e+00 0.0000e+00 0.0000e+00 1.2866e+01 6.3910e+00 -1.5248e+01  
1794 0.0000e+00 0.0000e+00 0.0000e+00 1.8219e+01 9.8182e+01 -1.6256e+01  
1795 0.0000e+00 0.0000e+00 0.0000e+00 -4.7039e+00 1.0897e+02 -1.4995e+01  
1370 0.0000e+00 0.0000e+00 0.0000e+00 3.2806e+01 1.9065e+02 -1.4475e+01

787 1368 0.0000e+00 0.0000e+00 0.0000e+00 5.7017e+00 -2.5190e+01 -1.6291e+01  
1793 0.0000e+00 0.0000e+00 0.0000e+00 1.3923e+01 5.5625e+01 -1.8842e+01  
1794 0.0000e+00 0.0000e+00 0.0000e+00 -6.5058e+00 6.4784e+01 -1.7453e+01  
1369 0.0000e+00 0.0000e+00 0.0000e+00 2.0369e+01 1.3871e+02 -1.5198e+01

788 1367 0.0000e+00 0.0000e+00 0.0000e+00 -1.7835e+00 -5.5486e+01 -1.6890e+01  
1792 0.0000e+00 0.0000e+00 0.0000e+00 1.1202e+01 1.8325e+01 -2.0030e+01  
1793 0.0000e+00 0.0000e+00 0.0000e+00 -7.7137e+00 2.5952e+01 -1.9398e+01  
1368 0.0000e+00 0.0000e+00 0.0000e+00 1.2693e+01 9.5795e+01 -1.6406e+01

789 1366 0.0000e+00 0.0000e+00 0.0000e+00 -5.4761e+00 -8.7713e+01 -1.6882e+01  
1791 0.0000e+00 0.0000e+00 0.0000e+00 9.2603e+00 -1.8524e+01 -1.9900e+01  
1792 0.0000e+00 0.0000e+00 0.0000e+00 -9.0224e+00 -1.1467e+01 -2.0062e+01  
1367 0.0000e+00 0.0000e+00 0.0000e+00 7.2122e+00 5.8726e+01 -1.7120e+01

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1790 0.0000e+00 0.0000e+00 0.0000e+00 7.4033e+00 -5.4626e+01 -1.7761e+01  
1791 0.0000e+00 0.0000e+00 0.0000e+00 -1.1127e+01 -4.6332e+01 -1.9320e+01  
1366 0.0000e+00 0.0000e+00 0.0000e+00 2.3098e+00 2.5881e+01 -1.7162e+01

791 1364 0.0000e+00 0.0000e+00 0.0000e+00 -2.5060e+01 -1.6630e+02 -1.1562e+01  
1789 0.0000e+00 0.0000e+00 0.0000e+00 4.9037e+00 -9.3904e+01 -1.1987e+01  
1790 0.0000e+00 0.0000e+00 0.0000e+00 -1.4863e+01 -8.4494e+01 -1.6078e+01  
1365 0.0000e+00 0.0000e+00 0.0000e+00 -6.3661e+00 -5.2412e+00 -1.5655e+01

792 1363 0.0000e+00 0.0000e+00 0.0000e+00 -4.1559e+01 -2.2280e+02 -6.5813e+00  
1788 0.0000e+00 0.0000e+00 0.0000e+00 -1.7239e+00 -1.2983e+02 -4.5857e+00  
1789 0.0000e+00 0.0000e+00 0.0000e+00 -2.0461e+01 -1.2846e+02 -8.4046e+00  
1364 0.0000e+00 0.0000e+00 0.0000e+00 -1.9073e+01 -2.7745e+01 -1.0257e+01

793 29 0.0000e+00 0.0000e+00 0.0000e+00 -5.8952e+01 -3.1238e+02 -3.6132e+01  
84 0.0000e+00 0.0000e+00 0.0000e+00 4.4126e+01 -5.8332e+01 -5.7082e+01  
1788 0.0000e+00 0.0000e+00 0.0000e+00 -1.4653e+01 -1.9387e+02 -1.5561e+01  
1363 0.0000e+00 0.0000e+00 0.0000e+00 -3.9055e+01 -2.4535e+01 7.1559e+00

794 1296 0.0000e+00 0.0000e+00 0.0000e+00 3.9068e+01 2.4494e+01 7.1812e+00  
1787 0.0000e+00 0.0000e+00 0.0000e+00 1.4685e+01 1.9390e+02 -1.5567e+01  
82 0.0000e+00 0.0000e+00 0.0000e+00 -4.4151e+01 5.8394e+01 -5.7068e+01  
27 0.0000e+00 0.0000e+00 0.0000e+00 5.9066e+01 3.1247e+02 -3.6131e+01

795 1295 0.0000e+00 0.0000e+00 0.0000e+00 1.9080e+01 2.7697e+01 -1.0263e+01  
1786 0.0000e+00 0.0000e+00 0.0000e+00 2.0471e+01 1.2845e+02 -8.4064e+00  
1787 0.0000e+00 0.0000e+00 0.0000e+00 1.7293e+00 1.2983e+02 -4.5973e+00  
1296 0.0000e+00 0.0000e+00 0.0000e+00 4.1576e+01 2.2284e+02 -6.5981e+00

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1785 0.0000e+00 0.0000e+00 0.0000e+00 1.4870e+01 8.4464e+01 -1.6073e+01  
1786 0.0000e+00 0.0000e+00 0.0000e+00 -4.9053e+00 9.3878e+01 -1.1990e+01  
1295 0.0000e+00 0.0000e+00 0.0000e+00 2.5071e+01 1.6631e+02 -1.1563e+01

797 1293 0.0000e+00 0.0000e+00 0.0000e+00 -2.3114e+00 -2.5936e+01 -1.7147e+01  
1784 0.0000e+00 0.0000e+00 0.0000e+00 1.1132e+01 4.6291e+01 -1.9307e+01  
1785 0.0000e+00 0.0000e+00 0.0000e+00 -7.4039e+00 5.4587e+01 -1.7754e+01  
1294 0.0000e+00 0.0000e+00 0.0000e+00 1.2789e+01 1.2353e+02 -1.5558e+01

798 1292 0.0000e+00 0.0000e+00 0.0000e+00 -7.2057e+00 -5.8775e+01 -1.7099e+01  
1783 0.0000e+00 0.0000e+00 0.0000e+00 9.0257e+00 1.1427e+01 -2.0042e+01  
1784 0.0000e+00 0.0000e+00 0.0000e+00 -9.2592e+00 1.8481e+01 -1.9885e+01  
1293 0.0000e+00 0.0000e+00 0.0000e+00 5.4857e+00 8.7680e+01 -1.6865e+01

799 1291 0.0000e+00 0.0000e+00 0.0000e+00 -1.2683e+01 -9.5832e+01 -1.6382e+01  
1782 0.0000e+00 0.0000e+00 0.0000e+00 7.7159e+00 -2.6000e+01 -1.9374e+01  
1783 0.0000e+00 0.0000e+00 0.0000e+00 -1.1199e+01 -1.8373e+01 -2.0009e+01



	1292	0.0000e+00	0.0000e+00	0.0000e+00	1.7890e+00	5.5439e+01	-1.6869e+01
800	1290	0.0000e+00	0.0000e+00	0.0000e+00	-2.0354e+01	-1.3873e+02	-1.5177e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	6.5071e+00	-6.4825e+01	-1.7430e+01
	1782	0.0000e+00	0.0000e+00	0.0000e+00	-1.3917e+01	-5.5668e+01	-1.8818e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-5.6940e+00	2.5135e+01	-1.6267e+01
801	1289	0.0000e+00	0.0000e+00	0.0000e+00	-3.2783e+01	-1.9063e+02	-1.4473e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	4.7045e+00	-1.0899e+02	-1.4990e+01
	1781	0.0000e+00	0.0000e+00	0.0000e+00	-1.8209e+01	-9.8210e+01	-1.6236e+01
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-1.2853e+01	-6.4410e+00	-1.5229e+01
802	1288	0.0000e+00	0.0000e+00	0.0000e+00	-4.8710e+01	-2.5806e+02	-1.7745e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-2.4455e+00	-1.5147e+02	1.5844e+01
	1780	0.0000e+00	0.0000e+00	0.0000e+00	-2.4085e+01	-1.4881e+02	-1.3554e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-2.5205e+01	-3.1225e+01	-1.5473e+01
803	26	0.0000e+00	0.0000e+00	0.0000e+00	-6.7487e+01	-3.5940e+02	-2.8967e+01
	81	0.0000e+00	0.0000e+00	0.0000e+00	4.7677e+01	-8.4368e+01	-5.1369e+01
	1779	0.0000e+00	0.0000e+00	0.0000e+00	-1.8371e+01	-2.2201e+02	-1.6012e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-4.3835e+01	-3.4079e+01	3.0070e+01
804	1778	0.0000e+00	0.0000e+00	0.0000e+00	1.4892e+01	1.9112e+02	1.2130e+01
	342	0.0000e+00	0.0000e+00	0.0000e+00	4.0950e+01	2.2125e+01	-1.3339e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	4.7976e+01	3.1359e+02	2.6401e+01
	71	0.0000e+00	0.0000e+00	0.0000e+00	-3.7062e+01	6.7077e+01	5.0194e+01
805	1777	0.0000e+00	0.0000e+00	0.0000e+00	2.1557e+01	1.2840e+02	9.2228e+00
	340	0.0000e+00	0.0000e+00	0.0000e+00	2.4462e+01	2.2745e+01	9.5987e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	4.5185e+01	2.2198e+02	4.1378e+00
	1778	0.0000e+00	0.0000e+00	0.0000e+00	1.5907e+00	1.2998e+02	3.0651e+00
806	1776	0.0000e+00	0.0000e+00	0.0000e+00	1.6136e+01	8.3840e+01	1.9681e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	1.2109e+01	1.3401e+00	1.9239e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	3.0908e+01	1.6251e+02	1.2541e+01
	1777	0.0000e+00	0.0000e+00	0.0000e+00	-3.6603e+00	9.3452e+01	1.2946e+01
807	1775	0.0000e+00	0.0000e+00	0.0000e+00	1.1937e+01	4.5614e+01	2.5437e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	3.3935e+00	-2.5508e+01	2.4222e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	1.8379e+01	1.1800e+02	2.0586e+01
	1776	0.0000e+00	0.0000e+00	0.0000e+00	-5.9616e+00	5.4381e+01	2.1795e+01
808	1774	0.0000e+00	0.0000e+00	0.0000e+00	9.1095e+00	1.0581e+01	2.7358e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-5.7793e+00	-5.5220e+01	2.5795e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	9.0352e+00	8.2251e+01	2.4760e+01
	1775	0.0000e+00	0.0000e+00	0.0000e+00	-8.1298e+00	1.8587e+01	2.6322e+01
809	1773	0.0000e+00	0.0000e+00	0.0000e+00	7.0866e+00	-2.4709e+01	2.6040e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-1.3973e+01	-8.9875e+01	2.4350e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	2.3526e+00	5.1812e+01	2.5640e+01
	1774	0.0000e+00	0.0000e+00	0.0000e+00	-1.0687e+01	-1.6421e+01	2.7332e+01
810	1772	0.0000e+00	0.0000e+00	0.0000e+00	5.3101e+00	-6.2887e+01	2.1249e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-2.3990e+01	-1.3186e+02	1.9785e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-7.7442e+00	2.4366e+01	2.3572e+01
	1773	0.0000e+00	0.0000e+00	0.0000e+00	-1.4158e+01	-5.3313e+01	2.5060e+01
811	1771	0.0000e+00	0.0000e+00	0.0000e+00	2.9281e+00	-1.0669e+02	1.2549e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-3.8250e+01	-1.8483e+02	1.2483e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-1.7008e+01	-1.9587e+00	1.8579e+01
	1772	0.0000e+00	0.0000e+00	0.0000e+00	-1.9311e+01	-9.5551e+01	1.8838e+01
812	1770	0.0000e+00	0.0000e+00	0.0000e+00	-4.7199e+00	-1.5048e+02	-8.2071e+00
	326	0.0000e+00	0.0000e+00	0.0000e+00	-5.8386e+01	-2.5571e+02	-1.0644e+01
	328	0.0000e+00	0.0000e+00	0.0000e+00	-3.1094e+01	-2.4093e+01	1.1890e+01
	1771	0.0000e+00	0.0000e+00	0.0000e+00	-2.6769e+01	-1.4676e+02	8.1767e+00
813	70	0.0000e+00	0.0000e+00	0.0000e+00	2.7978e+01	-9.1108e+01	3.8809e+01
	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.4422e+01	-3.6419e+02	2.6885e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	-5.5421e+01	-2.3228e+01	-2.1578e+01
	1770	0.0000e+00	0.0000e+00	0.0000e+00	-2.5849e+01	-2.2018e+02	3.7303e+00
814	1769	0.0000e+00	0.0000e+00	0.0000e+00	2.1166e+01	2.2328e+02	8.3277e+00
	233	0.0000e+00	0.0000e+00	0.0000e+00	4.9241e+01	2.8904e+01	-3.2339e+01
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.7739e+01	3.6822e+02	2.1685e+01
	69	0.0000e+00	0.0000e+00	0.0000e+00	-3.9886e+01	9.5651e+01	4.5125e+01
815	1768	0.0000e+00	0.0000e+00	0.0000e+00	2.6157e+01	1.5007e+02	9.7845e+00
	231	0.0000e+00	0.0000e+00	0.0000e+00	3.2356e+01	2.4546e+01	1.2872e+01

	233	0.0000e+00	0.0000e+00	0.0000e+00	5.5598e+01	2.6138e+02	-1.5585e+01
	1769	0.0000e+00	0.0000e+00	0.0000e+00	3.0613e+00	1.5346e+02	-1.1787e+01
816	1767	0.0000e+00	0.0000e+00	0.0000e+00	1.9945e+01	9.7349e+01	1.8062e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	1.9855e+01	3.1049e+00	1.7361e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	4.0339e+01	1.8913e+02	1.2569e+01
	1768	0.0000e+00	0.0000e+00	0.0000e+00	-3.6928e+00	1.0878e+02	1.2717e+01
817	1766	0.0000e+00	0.0000e+00	0.0000e+00	1.4897e+01	5.3528e+01	2.4371e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	1.1794e+01	-2.7575e+01	2.2890e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	2.6823e+01	1.3453e+02	1.8802e+01
	1767	0.0000e+00	0.0000e+00	0.0000e+00	-5.8153e+00	6.3491e+01	2.0210e+01
818	1765	0.0000e+00	0.0000e+00	0.0000e+00	1.1322e+01	1.5619e+01	2.7359e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-9.3471e+00	-5.6485e+01	2.5720e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	1.7067e+01	9.1254e+01	2.3799e+01
	1766	0.0000e+00	0.0000e+00	0.0000e+00	-7.7292e+00	2.3975e+01	2.5432e+01
819	1764	0.0000e+00	0.0000e+00	0.0000e+00	8.6997e+00	-2.2732e+01	2.7703e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.4110e+01	-8.9053e+01	2.6096e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	1.0776e+01	5.5638e+01	2.5981e+01
	1765	0.0000e+00	0.0000e+00	0.0000e+00	-1.0016e+01	-1.4557e+01	2.7615e+01
820	1763	0.0000e+00	0.0000e+00	0.0000e+00	6.5422e+00	-6.0271e+01	2.6207e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-2.2784e+01	-1.2781e+02	2.4890e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-1.0647e+01	2.5150e+01	2.5860e+01
	1764	0.0000e+00	0.0000e+00	0.0000e+00	-1.3135e+01	-5.1025e+01	2.7286e+01
821	1762	0.0000e+00	0.0000e+00	0.0000e+00	4.2199e+00	-1.0197e+02	2.4848e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-3.4870e+01	-1.7640e+02	2.4670e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-1.7012e+01	-4.0218e+00	2.4698e+01
	1763	0.0000e+00	0.0000e+00	0.0000e+00	-1.7620e+01	-9.1714e+01	2.5148e+01
822	1761	0.0000e+00	0.0000e+00	0.0000e+00	-4.0528e+00	-1.4266e+02	-2.6819e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	-4.8906e+01	-2.4127e+02	-3.0129e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-2.7976e+01	-2.5760e+01	2.6062e+01
	1762	0.0000e+00	0.0000e+00	0.0000e+00	-2.3560e+01	-1.3937e+02	2.2827e+01
823	68	0.0000e+00	0.0000e+00	0.0000e+00	4.6332e+01	-9.3495e+01	4.4320e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.3332e+01	-3.4128e+02	3.7125e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	-4.3697e+01	-2.8653e+01	-4.2455e+01
	1761	0.0000e+00	0.0000e+00	0.0000e+00	-2.2771e+01	-2.0948e+02	2.6870e+01
824	1760	0.0000e+00	0.0000e+00	0.0000e+00	1.2869e+01	1.2027e+02	-6.8617e+00
	117	0.0000e+00	0.0000e+00	0.0000e+00	3.6348e+01	-5.1806e+01	-4.1573e+01
	2	0.0000e+00	0.0000e+00	0.0000e+00	4.9131e+01	2.5592e+02	1.5999e+01
	68	0.0000e+00	0.0000e+00	0.0000e+00	-3.5002e+01	-2.7073e+01	4.6238e+01
825	1759	0.0000e+00	0.0000e+00	0.0000e+00	1.7848e+01	8.4456e+01	-1.6080e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	2.1992e+01	-5.3794e+01	-2.0398e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	3.8369e+01	1.8178e+02	-2.3695e+01
	1760	0.0000e+00	0.0000e+00	0.0000e+00	-9.4248e+00	8.2635e+01	-1.8530e+01
826	1758	0.0000e+00	0.0000e+00	0.0000e+00	1.5717e+01	4.7782e+01	-1.4332e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	1.3138e+01	-8.0366e+01	-1.7319e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	2.6274e+01	1.2767e+02	-1.8609e+01
	1759	0.0000e+00	0.0000e+00	0.0000e+00	-5.8957e+00	5.5858e+01	-1.5064e+01
827	1757	0.0000e+00	0.0000e+00	0.0000e+00	1.3096e+01	-4.4368e+01	-1.7894e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	6.8625e+00	-1.1443e+02	-2.0838e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	1.7193e+01	8.3997e+01	-1.8277e+01
	1758	0.0000e+00	0.0000e+00	0.0000e+00	-7.4830e+00	-4.0655e+01	-1.4436e+01
828	1756	0.0000e+00	0.0000e+00	0.0000e+00	1.1546e+01	-7.2526e+01	-2.2615e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	-1.9716e+00	-1.5057e+02	-2.5249e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	1.0794e+01	4.9522e+01	-2.1981e+01
	1757	0.0000e+00	0.0000e+00	0.0000e+00	-8.4759e+00	-6.2351e+01	-1.8925e+01
829	1755	0.0000e+00	0.0000e+00	0.0000e+00	1.0720e+01	-1.0849e+02	-2.6667e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	3.4392e+00	-1.8694e+02	-2.9144e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	6.8793e+00	-3.9127e+01	-2.6154e+01
	1756	0.0000e+00	0.0000e+00	0.0000e+00	-9.0901e+00	-9.7041e+01	-2.3641e+01
830	1754	0.0000e+00	0.0000e+00	0.0000e+00	1.0296e+01	-1.4587e+02	-2.9776e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	8.6552e+00	-2.2272e+02	-3.2388e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	6.5964e+00	-6.3159e+01	-2.9834e+01
	1755	0.0000e+00	0.0000e+00	0.0000e+00	-9.7323e+00	-1.3405e+02	-2.7458e+01
831	1753	0.0000e+00	0.0000e+00	0.0000e+00	1.0821e+01	-1.8237e+02	-3.1375e+01

	103	0.0000e+00	0.0000e+00	0.0000e+00	1.5851e+01	-2.5820e+02	-3.5060e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	9.9170e+00	-9.8162e+01	-3.3248e+01
	1754	0.0000e+00	0.0000e+00	0.0000e+00	-1.0897e+01	-1.7148e+02	-2.9997e+01
832	1752	0.0000e+00	0.0000e+00	0.0000e+00	1.6450e+01	-2.0914e+02	-2.6457e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	3.1040e+01	-2.9627e+02	-3.5212e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	1.6605e+01	-1.3281e+02	-3.8010e+01
	1753	0.0000e+00	0.0000e+00	0.0000e+00	-1.3985e+01	-2.0809e+02	-2.9139e+01
833	67	0.0000e+00	0.0000e+00	0.0000e+00	7.9265e+01	-1.5928e+02	6.0789e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	8.8032e+01	-3.4447e+02	2.2314e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	3.2927e+01	-1.5394e+02	-4.8349e+01
	1752	0.0000e+00	0.0000e+00	0.0000e+00	3.8271e+01	-2.4573e+02	2.2435e+01
834	1221	0.0000e+00	0.0000e+00	0.0000e+00	4.4096e+01	3.2626e+01	2.2751e+01
	1751	0.0000e+00	0.0000e+00	0.0000e+00	2.4945e+01	2.2743e+02	-1.5759e+01
	80	0.0000e+00	0.0000e+00	0.0000e+00	-5.3014e+01	9.7101e+01	-5.1705e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	9.3847e+01	3.7219e+02	-3.2526e+01
835	1220	0.0000e+00	0.0000e+00	0.0000e+00	2.3248e+01	2.9951e+01	-1.2399e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	2.4967e+01	1.4802e+02	-9.7888e+00
	1751	0.0000e+00	0.0000e+00	0.0000e+00	3.4083e+00	1.5209e+02	-1.0363e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	4.8703e+01	2.6373e+02	-1.3101e+01
836	1219	0.0000e+00	0.0000e+00	0.0000e+00	1.0501e+01	1.0662e+01	-1.3913e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	1.8174e+01	9.6217e+01	-1.5288e+01
	1750	0.0000e+00	0.0000e+00	0.0000e+00	-5.4097e+00	1.0720e+02	-1.3104e+01
	1220	0.0000e+00	0.0000e+00	0.0000e+00	3.0917e+01	1.9344e+02	-1.1885e+01
837	1218	0.0000e+00	0.0000e+00	0.0000e+00	3.5015e+00	-3.0756e+01	-1.5040e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	1.3667e+01	5.2852e+01	-1.7849e+01
	1749	0.0000e+00	0.0000e+00	0.0000e+00	-7.4135e+00	6.2077e+01	-1.6713e+01
	1219	0.0000e+00	0.0000e+00	0.0000e+00	1.8057e+01	1.3984e+02	-1.3813e+01
838	1217	0.0000e+00	0.0000e+00	0.0000e+00	-3.6730e+00	-6.1442e+01	-1.5695e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	1.0868e+01	1.6559e+01	-1.8737e+01
	1748	0.0000e+00	0.0000e+00	0.0000e+00	-8.7343e+00	2.3389e+01	-1.8345e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	1.0173e+01	9.5858e+01	-1.5082e+01
839	1216	0.0000e+00	0.0000e+00	0.0000e+00	-9.0518e+00	-9.4990e+01	-1.6333e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	8.8900e+00	-2.6263e+01	-1.8934e+01
	1747	0.0000e+00	0.0000e+00	0.0000e+00	-1.0198e+01	-1.9172e+01	-1.8793e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	4.5177e+00	5.8215e+01	-1.5871e+01
840	1215	0.0000e+00	0.0000e+00	0.0000e+00	-1.6926e+01	-1.3289e+02	-1.7281e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	7.0655e+00	-6.3172e+01	-1.8955e+01
	1746	0.0000e+00	0.0000e+00	0.0000e+00	-1.2501e+01	-5.4381e+01	-1.8709e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-2.8145e+00	2.5939e+01	-1.6637e+01
841	1214	0.0000e+00	0.0000e+00	0.0000e+00	-2.9361e+01	-1.7843e+02	-1.9857e+01
	1744	0.0000e+00	0.0000e+00	0.0000e+00	4.7310e+00	-1.0420e+02	-2.0174e+01
	1745	0.0000e+00	0.0000e+00	0.0000e+00	-1.6394e+01	-9.4213e+01	-1.8492e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-1.0131e+01	-1.4143e+01	-1.7921e+01
842	1213	0.0000e+00	0.0000e+00	0.0000e+00	-4.5140e+01	-2.3820e+02	2.5490e+01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-4.6371e+00	-1.4177e+02	2.2277e+01
	1744	0.0000e+00	0.0000e+00	0.0000e+00	-2.1997e+01	-1.4055e+02	-1.8893e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-2.2746e+01	-3.5341e+01	-2.2328e+01
843	24	0.0000e+00	0.0000e+00	0.0000e+00	-9.5528e+01	-3.3015e+02	-2.7482e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	4.3057e+01	-8.6443e+01	-4.9739e+01
	1743	0.0000e+00	0.0000e+00	0.0000e+00	-2.4993e+01	-2.0612e+02	-1.7747e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-4.1627e+01	-3.8837e+01	4.3314e+01
844	1152	0.0000e+00	0.0000e+00	0.0000e+00	3.6031e+01	-5.0859e+01	4.1623e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	2.5035e+01	1.2400e+02	-2.0000e+01
	79	0.0000e+00	0.0000e+00	0.0000e+00	-4.7607e+01	-6.1152e+01	-5.1035e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	1.0078e+02	2.7027e+02	-3.4899e+01
845	1151	0.0000e+00	0.0000e+00	0.0000e+00	1.2741e+01	-5.4378e+01	2.6195e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	1.9858e+01	6.2518e+01	2.1128e+01
	1742	0.0000e+00	0.0000e+00	0.0000e+00	-9.7224e+00	6.6754e+01	2.2558e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	3.4991e+01	1.8145e+02	2.7644e+01
846	1150	0.0000e+00	0.0000e+00	0.0000e+00	3.1235e+00	-8.7658e+01	2.0081e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	1.5214e+01	1.3035e+01	1.9268e+01
	1741	0.0000e+00	0.0000e+00	0.0000e+00	-6.8248e+00	2.6002e+01	2.2748e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	1.7749e+01	1.2203e+02	2.3764e+01

847	1149	0.0000e+00	0.0000e+00	0.0000e+00	-2.2813e+00	-1.2717e+02	1.6083e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	1.2706e+01	-3.4646e+01	1.5285e+01
	1740	0.0000e+00	0.0000e+00	0.0000e+00	-8.9199e+00	-2.1576e+01	1.8675e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	9.0918e+00	7.2883e+01	1.9264e+01
848	1148	0.0000e+00	0.0000e+00	0.0000e+00	2.3066e+00	-1.6725e+02	1.3451e+01
	1738	0.0000e+00	0.0000e+00	0.0000e+00	1.1831e+01	-7.7819e+01	1.1139e+01
	1739	0.0000e+00	0.0000e+00	0.0000e+00	-9.5318e+00	-6.5279e+01	1.4369e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	6.5747e+00	2.7128e+01	1.5795e+01
849	1147	0.0000e+00	0.0000e+00	0.0000e+00	3.3369e+00	-2.0516e+02	1.1717e+01
	1737	0.0000e+00	0.0000e+00	0.0000e+00	1.1567e+01	-1.1942e+02	7.1638e+00
	1738	0.0000e+00	0.0000e+00	0.0000e+00	-9.1384e+00	-1.0718e+02	1.0152e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	7.3893e+00	-1.9530e+01	1.3185e+01
850	1146	0.0000e+00	0.0000e+00	0.0000e+00	5.0291e+00	-2.3892e+02	1.0987e+01
	1736	0.0000e+00	0.0000e+00	0.0000e+00	1.1053e+01	-1.5943e+02	4.5159e+00
	1737	0.0000e+00	0.0000e+00	0.0000e+00	-8.3800e+00	-1.4722e+02	6.3696e+00
	1147	0.0000e+00	0.0000e+00	0.0000e+00	9.4608e+00	-6.4721e+01	1.1083e+01
851	1145	0.0000e+00	0.0000e+00	0.0000e+00	4.6331e+00	-2.6756e+02	1.2293e+01
	1735	0.0000e+00	0.0000e+00	0.0000e+00	9.7529e+00	-1.9659e+02	7.2318e+00
	1736	0.0000e+00	0.0000e+00	0.0000e+00	-7.8520e+00	-1.8541e+02	5.1162e+00
	1146	0.0000e+00	0.0000e+00	0.0000e+00	1.0563e+01	-1.0917e+02	9.9988e+00
852	1144	0.0000e+00	0.0000e+00	0.0000e+00	-4.7936e+00	-2.9299e+02	1.3618e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	1.1209e+01	-2.1873e+02	9.2568e+00
	1735	0.0000e+00	0.0000e+00	0.0000e+00	-6.4832e+00	-2.2170e+02	8.1911e+00
	1145	0.0000e+00	0.0000e+00	0.0000e+00	7.8370e+00	-1.4768e+02	1.2606e+01
853	23	0.0000e+00	0.0000e+00	0.0000e+00	3.2106e+01	-3.1867e+02	-3.4376e+01
	78	0.0000e+00	0.0000e+00	0.0000e+00	3.6001e+01	-1.1578e+02	-5.7832e+01
	1734	0.0000e+00	0.0000e+00	0.0000e+00	1.7588e+01	-2.4718e+02	-6.8817e+00
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-5.9267e+00	-1.6490e+02	2.3603e+01
854	1733	0.0000e+00	0.0000e+00	0.0000e+00	7.7083e+01	1.4224e+02	1.3106e+02
	90	0.0000e+00	0.0000e+00	0.0000e+00	2.5277e+02	-1.0063e+02	-1.0365e+01
	12	0.0000e+00	0.0000e+00	0.0000e+00	1.9832e+02	5.8526e+02	1.5809e+02
	196	0.0000e+00	0.0000e+00	0.0000e+00	-1.5604e+02	1.8189e+01	2.9903e+02
855	1732	0.0000e+00	0.0000e+00	0.0000e+00	-6.5303e+01	1.8203e+01	1.3800e+02
	1733	0.0000e+00	0.0000e+00	0.0000e+00	-3.0796e+01	4.0224e+01	1.6425e+02
	196	0.0000e+00	0.0000e+00	0.0000e+00	5.2218e+01	7.7973e+00	1.9766e+02
	185	0.0000e+00	0.0000e+00	0.0000e+00	-8.4535e+01	-3.8943e+01	1.7139e+02
856	1731	0.0000e+00	0.0000e+00	0.0000e+00	-7.4982e+01	-5.5263e+00	1.1172e+02
	1732	0.0000e+00	0.0000e+00	0.0000e+00	-7.4484e+01	-6.4134e+00	1.4650e+02
	185	0.0000e+00	0.0000e+00	0.0000e+00	-1.8485e+01	-4.0500e+01	1.4731e+02
	174	0.0000e+00	0.0000e+00	0.0000e+00	-7.6777e+01	-4.4091e+01	1.1258e+02
857	1730	0.0000e+00	0.0000e+00	0.0000e+00	-8.1548e+01	-7.5759e+00	7.4164e+01
	1731	0.0000e+00	0.0000e+00	0.0000e+00	-8.3488e+01	-9.0049e+00	1.0494e+02
	174	0.0000e+00	0.0000e+00	0.0000e+00	-3.2109e+01	-4.2282e+01	1.0137e+02
	163	0.0000e+00	0.0000e+00	0.0000e+00	-7.5395e+01	-3.6911e+01	7.0769e+01
858	1729	0.0000e+00	0.0000e+00	0.0000e+00	-8.4465e+01	-7.4344e+00	4.0863e+01
	1730	0.0000e+00	0.0000e+00	0.0000e+00	-8.6108e+01	-7.3868e+00	6.6268e+01
	163	0.0000e+00	0.0000e+00	0.0000e+00	-4.9096e+01	-3.5387e+01	6.3546e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-7.2348e+01	-2.9676e+01	3.8714e+01
859	1728	0.0000e+00	0.0000e+00	0.0000e+00	-8.4034e+01	-7.1655e+00	-1.9314e+01
	1729	0.0000e+00	0.0000e+00	0.0000e+00	-8.5347e+01	-4.8940e+00	3.4218e+01
	152	0.0000e+00	0.0000e+00	0.0000e+00	-6.3025e+01	-2.9292e+01	3.3606e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-6.4631e+01	-2.4406e+01	-2.0601e+01
860	1727	0.0000e+00	0.0000e+00	0.0000e+00	-7.9082e+01	-6.9562e+00	-3.1783e+01
	1728	0.0000e+00	0.0000e+00	0.0000e+00	-8.0613e+01	-2.8194e+00	-1.9181e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-7.3878e+01	-2.5292e+01	-2.0720e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-5.1195e+01	-2.1021e+01	-3.3175e+01
861	1726	0.0000e+00	0.0000e+00	0.0000e+00	-6.7069e+01	-5.9574e+00	-5.6189e+01
	1727	0.0000e+00	0.0000e+00	0.0000e+00	-7.0314e+01	4.1430e+00	-3.6819e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-8.1805e+01	-2.2799e+01	-3.8093e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-3.6470e+01	-1.7628e+01	-5.7362e+01
862	1725	0.0000e+00	0.0000e+00	0.0000e+00	-3.8094e+01	8.7577e+00	-7.1857e+01
	1726	0.0000e+00	0.0000e+00	0.0000e+00	-5.3240e+01	1.3295e+01	-5.6789e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-8.7406e+01	-1.8781e+01	-6.5961e+01

	99	0.0000e+00	0.0000e+00	0.0000e+00	5.2362e+01	2.0340e+01	-8.1199e+01
863	89	0.0000e+00	0.0000e+00	0.0000e+00	1.0676e+02	-4.1969e+01	-2.0677e+01
	1725	0.0000e+00	0.0000e+00	0.0000e+00	3.9977e+01	5.7267e+01	-6.4207e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-1.0041e+02	1.7156e+01	-1.1408e+02
	1	0.0000e+00	0.0000e+00	0.0000e+00	1.3415e+02	2.0458e+02	-6.8455e+01
864	773	0.0000e+00	0.0000e+00	0.0000e+00	1.5665e+02	-1.8169e+01	2.9910e+02
	22	0.0000e+00	0.0000e+00	0.0000e+00	-1.9795e+02	-5.8527e+02	1.5817e+02
	96	0.0000e+00	0.0000e+00	0.0000e+00	-2.5260e+02	1.0065e+02	-1.0272e+01
	1724	0.0000e+00	0.0000e+00	0.0000e+00	-7.6721e+01	-1.4225e+02	1.3113e+02
865	763	0.0000e+00	0.0000e+00	0.0000e+00	8.5543e+01	3.8941e+01	1.7146e+02
	773	0.0000e+00	0.0000e+00	0.0000e+00	-5.1526e+01	-7.7487e+00	1.9773e+02
	1724	0.0000e+00	0.0000e+00	0.0000e+00	3.1362e+01	-4.0219e+01	1.6433e+02
	1723	0.0000e+00	0.0000e+00	0.0000e+00	6.5753e+01	-1.8217e+01	1.3808e+02
866	753	0.0000e+00	0.0000e+00	0.0000e+00	7.8063e+01	4.4086e+01	1.1266e+02
	763	0.0000e+00	0.0000e+00	0.0000e+00	1.8065e+01	4.0488e+01	1.4738e+02
	1723	0.0000e+00	0.0000e+00	0.0000e+00	7.5165e+01	6.4331e+00	1.4657e+02
	1722	0.0000e+00	0.0000e+00	0.0000e+00	7.5731e+01	5.5296e+00	1.1181e+02
867	743	0.0000e+00	0.0000e+00	0.0000e+00	7.6848e+01	3.6898e+01	7.0889e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	3.2730e+01	4.2268e+01	1.0146e+02
	1722	0.0000e+00	0.0000e+00	0.0000e+00	8.4390e+01	9.0127e+00	1.0503e+02
	1721	0.0000e+00	0.0000e+00	0.0000e+00	8.2523e+01	7.5736e+00	7.4280e+01
868	733	0.0000e+00	0.0000e+00	0.0000e+00	7.3866e+01	2.9661e+01	3.8928e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	5.0099e+01	3.5369e+01	6.3681e+01
	1721	0.0000e+00	0.0000e+00	0.0000e+00	8.7194e+01	7.3845e+00	6.6396e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	8.5608e+01	7.4326e+00	4.1050e+01
869	723	0.0000e+00	0.0000e+00	0.0000e+00	6.6072e+01	2.4426e+01	-2.0969e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	6.4305e+01	2.9280e+01	3.3852e+01
	1720	0.0000e+00	0.0000e+00	0.0000e+00	8.6547e+01	4.8928e+00	3.4434e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	8.5268e+01	7.1646e+00	-1.9640e+01
870	713	0.0000e+00	0.0000e+00	0.0000e+00	5.2326e+01	2.1157e+01	-3.3344e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	7.5400e+01	2.5315e+01	-2.1062e+01
	1719	0.0000e+00	0.0000e+00	0.0000e+00	8.1829e+01	2.9135e+00	-1.9494e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	8.0305e+01	6.9549e+00	-3.1917e+01
871	703	0.0000e+00	0.0000e+00	0.0000e+00	3.6822e+01	1.8048e+01	-5.7393e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	8.3516e+01	2.2906e+01	-3.8206e+01
	1718	0.0000e+00	0.0000e+00	0.0000e+00	7.1409e+01	-4.3944e+00	-3.6925e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	6.8139e+01	5.9556e+00	-5.6212e+01
872	693	0.0000e+00	0.0000e+00	0.0000e+00	-5.2101e+01	-2.1189e+01	-8.1154e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	8.9177e+01	1.9084e+01	-6.5958e+01
	1717	0.0000e+00	0.0000e+00	0.0000e+00	5.4026e+01	-1.3537e+01	-5.6804e+01
	1716	0.0000e+00	0.0000e+00	0.0000e+00	3.8790e+01	-8.7914e+00	-7.1822e+01
873	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.3449e+02	-2.0531e+02	-6.8310e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	1.0200e+02	-1.7850e+01	-1.1403e+02
	1716	0.0000e+00	0.0000e+00	0.0000e+00	-3.9812e+01	-5.7509e+01	-6.4218e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	-1.0659e+02	4.2188e+01	-2.0538e+01
874	1506	0.0000e+00	0.0000e+00	0.0000e+00	8.5241e+01	-5.0688e+00	7.4997e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-1.2721e+02	-1.7415e+02	4.4013e+01
	97	0.0000e+00	0.0000e+00	0.0000e+00	-7.8707e+01	4.5069e+01	1.2100e+01
	1715	0.0000e+00	0.0000e+00	0.0000e+00	-4.6385e+01	-4.6998e+01	3.1973e+01
875	1496	0.0000e+00	0.0000e+00	0.0000e+00	6.3442e+01	2.0817e+01	2.1093e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-6.2204e+01	-6.4931e+00	4.4029e+01
	1715	0.0000e+00	0.0000e+00	0.0000e+00	4.6935e+01	-7.1745e+00	3.4211e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	5.9027e+01	-8.8300e+00	1.1634e+01
876	1486	0.0000e+00	0.0000e+00	0.0000e+00	4.9807e+01	3.0439e+01	-1.8867e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	4.6204e+01	2.0566e+01	1.1534e+01
	1714	0.0000e+00	0.0000e+00	0.0000e+00	6.4077e+01	6.1668e+00	8.6088e+00
	1713	0.0000e+00	0.0000e+00	0.0000e+00	6.7026e+01	4.1893e+00	-2.2493e+01
877	1476	0.0000e+00	0.0000e+00	0.0000e+00	3.4732e+01	3.7639e+01	-6.0073e+01
	1486	0.0000e+00	0.0000e+00	0.0000e+00	5.0884e+01	3.1092e+01	-2.7038e+01
	1713	0.0000e+00	0.0000e+00	0.0000e+00	6.8579e+01	6.7167e+00	-3.0530e+01
	1712	0.0000e+00	0.0000e+00	0.0000e+00	7.0620e+01	6.6400e+00	-6.3517e+01
878	1466	0.0000e+00	0.0000e+00	0.0000e+00	2.8756e+01	3.5712e+01	-1.0726e+02
	1476	0.0000e+00	0.0000e+00	0.0000e+00	5.9658e+01	3.9063e+01	-7.1438e+01

	1712	0.0000e+00	0.0000e+00	0.0000e+00	6.6300e+01	4.4375e+00	-7.0615e+01
	1711	0.0000e+00	0.0000e+00	0.0000e+00	6.5381e+01	4.8187e+00	-1.0642e+02
879	1456	0.0000e+00	0.0000e+00	0.0000e+00	-6.6501e+01	-1.0523e+01	-1.5778e+02
	1466	0.0000e+00	0.0000e+00	0.0000e+00	7.4355e+01	3.4246e+01	-1.3122e+02
	1711	0.0000e+00	0.0000e+00	0.0000e+00	5.9056e+01	-2.0028e+01	-9.7752e+01
	1710	0.0000e+00	0.0000e+00	0.0000e+00	2.7175e+01	-4.2282e+01	-1.2431e+02
880	22	0.0000e+00	0.0000e+00	0.0000e+00	-2.1777e+02	-5.8896e+02	-1.2082e+02
	1456	0.0000e+00	0.0000e+00	0.0000e+00	1.5246e+02	-2.2948e+01	-2.5813e+02
	1710	0.0000e+00	0.0000e+00	0.0000e+00	-9.3031e+01	-1.4383e+02	-9.2424e+01
	96	0.0000e+00	0.0000e+00	0.0000e+00	-2.5490e+02	1.0341e+02	4.4988e+01
881	1709	0.0000e+00	0.0000e+00	0.0000e+00	4.5130e+01	4.6863e+01	3.1714e+01
	91	0.0000e+00	0.0000e+00	0.0000e+00	7.8098e+01	-4.4881e+01	1.1527e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	1.2488e+02	1.7376e+02	4.3839e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	-8.5113e+01	4.3097e+00	7.4863e+01
882	1708	0.0000e+00	0.0000e+00	0.0000e+00	-5.8914e+01	8.5803e+00	1.1259e+01
	1709	0.0000e+00	0.0000e+00	0.0000e+00	-4.6690e+01	7.1771e+00	3.4020e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	6.0434e+01	5.5711e+00	4.3868e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	-6.3217e+01	-2.0849e+01	2.0859e+01
883	1707	0.0000e+00	0.0000e+00	0.0000e+00	-6.7013e+01	-3.9785e+00	-2.2476e+01
	1708	0.0000e+00	0.0000e+00	0.0000e+00	-6.4071e+01	-6.1663e+00	8.1139e+00
	1122	0.0000e+00	0.0000e+00	0.0000e+00	-4.5529e+01	-2.0538e+01	1.1200e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	-4.9300e+01	-3.0499e+01	-1.8863e+01
884	1706	0.0000e+00	0.0000e+00	0.0000e+00	-7.0487e+01	-6.5891e+00	-6.3606e+01
	1707	0.0000e+00	0.0000e+00	0.0000e+00	-6.8485e+01	-6.7156e+00	-3.0556e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	-5.0847e+01	-3.1133e+01	-2.7083e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	-3.3693e+01	-3.7686e+01	-6.0174e+01
885	1705	0.0000e+00	0.0000e+00	0.0000e+00	-6.5026e+01	-4.7862e+00	-1.0653e+02
	1706	0.0000e+00	0.0000e+00	0.0000e+00	-6.6000e+01	-4.4314e+00	-7.0712e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	-5.9702e+01	-3.9104e+01	-7.1547e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-2.7192e+01	-3.5740e+01	-1.0738e+02
886	1704	0.0000e+00	0.0000e+00	0.0000e+00	-2.6066e+01	4.2273e+01	-1.2443e+02
	1705	0.0000e+00	0.0000e+00	0.0000e+00	-5.8451e+01	2.0027e+01	-9.7869e+01
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-7.4284e+01	-3.4273e+01	-1.3134e+02
	1078	0.0000e+00	0.0000e+00	0.0000e+00	6.5796e+01	1.0528e+01	-1.5790e+02
887	90	0.0000e+00	0.0000e+00	0.0000e+00	2.5504e+02	-1.0342e+02	4.4881e+01
	1704	0.0000e+00	0.0000e+00	0.0000e+00	9.2786e+01	1.4383e+02	-9.2544e+01
	1078	0.0000e+00	0.0000e+00	0.0000e+00	-1.5229e+02	2.2950e+01	-2.5824e+02
	12	0.0000e+00	0.0000e+00	0.0000e+00	2.1766e+02	5.8897e+02	-1.2093e+02
888	33	0.0000e+00	0.0000e+00	0.0000e+00	-1.0597e+02	-1.7304e+02	-3.3364e+01
	88	0.0000e+00	0.0000e+00	0.0000e+00	3.6322e+01	4.0303e+01	-5.6917e+01
	94	0.0000e+00	0.0000e+00	0.0000e+00	-4.1843e+01	-6.6830e+01	-5.5700e+00
	97	0.0000e+00	0.0000e+00	0.0000e+00	-7.7239e+01	4.2650e+01	2.3082e+01
889	77	0.0000e+00	0.0000e+00	0.0000e+00	-1.9923e+01	3.2157e+01	4.0831e+01
	11	0.0000e+00	0.0000e+00	0.0000e+00	-1.5353e+02	-2.1418e+02	1.8562e+01
	95	0.0000e+00	0.0000e+00	0.0000e+00	-1.2798e+02	4.5810e+01	-3.9035e+01
	98	0.0000e+00	0.0000e+00	0.0000e+00	-6.2161e+01	-7.1373e+01	-2.0294e+01
890	91	0.0000e+00	0.0000e+00	0.0000e+00	7.6745e+01	-4.2629e+01	2.2691e+01
	93	0.0000e+00	0.0000e+00	0.0000e+00	4.1848e+01	6.6769e+01	-5.5173e+00
	78	0.0000e+00	0.0000e+00	0.0000e+00	-3.6315e+01	-4.0570e+01	-5.6959e+01
	23	0.0000e+00	0.0000e+00	0.0000e+00	1.0600e+02	1.7281e+02	-3.3267e+01
891	92	0.0000e+00	0.0000e+00	0.0000e+00	6.2203e+01	7.1012e+01	-2.0810e+01
	89	0.0000e+00	0.0000e+00	0.0000e+00	1.2835e+02	-4.5637e+01	-3.9126e+01
	1	0.0000e+00	0.0000e+00	0.0000e+00	1.5351e+02	2.1358e+02	1.8380e+01
	67	0.0000e+00	0.0000e+00	0.0000e+00	2.1055e+01	-3.1691e+01	4.0482e+01
892	1696	0.0000e+00	0.0000e+00	0.0000e+00	-1.7124e+01	1.1147e+02	2.6782e+01
	1703	0.0000e+00	0.0000e+00	0.0000e+00	5.5284e+01	-5.8355e+00	1.0725e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	5.2839e+01	2.4397e+02	6.3008e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-4.5784e+01	1.1100e+01	8.5841e+01
893	1695	0.0000e+00	0.0000e+00	0.0000e+00	1.5816e+01	7.3966e+01	4.0267e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	2.5808e+01	-3.5073e+00	7.3575e+00
	1703	0.0000e+00	0.0000e+00	0.0000e+00	5.2679e+01	1.7276e+02	1.1510e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-1.8103e+01	8.1807e+01	9.2382e+00
894	1694	0.0000e+00	0.0000e+00	0.0000e+00	1.3475e+01	4.0209e+01	-4.2348e+00

	1701	0.0000e+00	0.0000e+00	0.0000e+00	7.0082e+00	-2.9734e+01	-5.8096e+00
	1702	0.0000e+00	0.0000e+00	0.0000e+00	2.6238e+01	1.2967e+02	-6.3383e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-1.0257e+01	6.0250e+01	-4.7939e+00
895	1693	0.0000e+00	0.0000e+00	0.0000e+00	1.1109e+01	4.7769e+00	-3.8498e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-8.2227e+00	-6.3538e+01	-5.0534e+00
	1701	0.0000e+00	0.0000e+00	0.0000e+00	9.5257e+00	9.3483e+01	-5.7523e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-1.0496e+01	2.7101e+01	-4.2688e+00
896	1692	0.0000e+00	0.0000e+00	0.0000e+00	9.3824e+00	-3.2374e+01	3.8266e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.9185e+01	-1.0242e+02	-4.3133e+00
	1700	0.0000e+00	0.0000e+00	0.0000e+00	-4.0343e+00	6.0198e+01	-4.7014e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	-1.1905e+01	-9.3018e+00	4.0675e+00
897	1691	0.0000e+00	0.0000e+00	0.0000e+00	7.8845e+00	-6.8889e+01	4.2792e+00
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-3.6082e+01	-1.4682e+02	4.6461e+00
	1699	0.0000e+00	0.0000e+00	0.0000e+00	-1.5122e+01	2.9351e+01	4.4381e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	-1.3878e+01	-4.6680e+01	3.9827e+00
898	1690	0.0000e+00	0.0000e+00	0.0000e+00	1.5816e+01	-9.6193e+01	1.5768e+01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-6.2204e+01	-2.0069e+02	1.4742e+01
	1698	0.0000e+00	0.0000e+00	0.0000e+00	-3.4169e+01	3.4194e+00	7.2319e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	-1.4705e+01	-8.5017e+01	8.0287e+00
899	1647	0.0000e+00	0.0000e+00	0.0000e+00	5.2324e+01	-3.1137e+01	9.7389e+01
	28	0.0000e+00	0.0000e+00	0.0000e+00	-5.3860e+01	-2.8506e+02	7.0750e+01
	1697	0.0000e+00	0.0000e+00	0.0000e+00	-6.2619e+01	2.1655e+00	9.9954e+00
	1690	0.0000e+00	0.0000e+00	0.0000e+00	7.3572e+00	-1.3013e+02	3.6169e+01
900	1689	0.0000e+00	0.0000e+00	0.0000e+00	-2.3180e+01	4.6247e+01	1.3576e+00
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-1.6854e+01	8.5796e+01	2.4257e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	1.6661e+01	-4.2633e+00	4.1059e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	9.3070e+00	2.8983e+00	1.7677e+01
901	1688	0.0000e+00	0.0000e+00	0.0000e+00	-2.5313e+01	6.5240e+01	-7.8348e+00
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-9.4214e+00	7.7811e+01	-1.1053e+01
	1696	0.0000e+00	0.0000e+00	0.0000e+00	-2.0166e+01	6.5753e+01	-2.3715e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	-1.9161e+01	5.6472e+01	3.4133e+00
902	1687	0.0000e+00	0.0000e+00	0.0000e+00	-1.2263e+01	4.1385e+01	-6.6971e+00
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-6.1246e+00	4.8154e+01	-1.2863e+01
	1695	0.0000e+00	0.0000e+00	0.0000e+00	-1.1382e+01	5.0638e+01	-1.3627e+01
	1688	0.0000e+00	0.0000e+00	0.0000e+00	-1.7773e+01	5.9199e+01	-7.4449e+00
903	1686	0.0000e+00	0.0000e+00	0.0000e+00	4.8102e+00	4.2612e+00	-4.2217e+00
	1693	0.0000e+00	0.0000e+00	0.0000e+00	4.4865e+00	1.2699e+01	-1.1170e+01
	1694	0.0000e+00	0.0000e+00	0.0000e+00	-6.3102e+00	2.0148e+01	-1.2742e+01
	1687	0.0000e+00	0.0000e+00	0.0000e+00	-8.3631e+00	3.1926e+01	-5.6048e+00
904	1685	0.0000e+00	0.0000e+00	0.0000e+00	1.5790e+01	-3.5045e+01	-4.2419e+00
	1692	0.0000e+00	0.0000e+00	0.0000e+00	6.9380e+00	-2.4000e+01	-1.1304e+01
	1693	0.0000e+00	0.0000e+00	0.0000e+00	3.9128e+00	-1.6131e+01	-1.0706e+01
	1686	0.0000e+00	0.0000e+00	0.0000e+00	6.8643e+00	-6.3943e+00	-3.8024e+00
905	1684	0.0000e+00	0.0000e+00	0.0000e+00	2.5970e+01	-6.5814e+01	-4.0002e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	1.2174e+01	-5.7516e+01	-1.0313e+01
	1692	0.0000e+00	0.0000e+00	0.0000e+00	5.3844e+00	-5.3843e+01	-1.0501e+01
	1685	0.0000e+00	0.0000e+00	0.0000e+00	2.0034e+01	-4.5286e+01	-4.2312e+00
906	1683	0.0000e+00	0.0000e+00	0.0000e+00	2.7342e+01	-6.8278e+01	1.0151e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	2.2234e+01	-7.7954e+01	6.6587e+00
	1691	0.0000e+00	0.0000e+00	0.0000e+00	7.9508e+00	-8.8285e+01	-6.9242e+00
	1684	0.0000e+00	0.0000e+00	0.0000e+00	3.4067e+01	-7.3321e+01	-3.3190e+00
907	1639	0.0000e+00	0.0000e+00	0.0000e+00	8.3184e+00	-1.9388e+01	2.7951e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	-5.4043e+00	-1.4868e+01	5.0799e+01
	1690	0.0000e+00	0.0000e+00	0.0000e+00	1.6561e+01	-1.0284e+02	3.1516e+01
	1683	0.0000e+00	0.0000e+00	0.0000e+00	3.2411e+01	-5.9947e+01	8.7734e+00
908	1682	0.0000e+00	0.0000e+00	0.0000e+00	-1.7621e+01	4.0076e+01	-1.6746e+01
	1689	0.0000e+00	0.0000e+00	0.0000e+00	-1.6651e+01	3.9069e+01	7.6085e+00
	1341	0.0000e+00	0.0000e+00	0.0000e+00	1.2506e+01	1.7307e+00	8.1218e+00
	1330	0.0000e+00	0.0000e+00	0.0000e+00	1.0050e+01	-6.3363e-01	-1.6276e+01
909	1681	0.0000e+00	0.0000e+00	0.0000e+00	-2.7003e+01	6.6052e+01	-5.4523e+00
	1688	0.0000e+00	0.0000e+00	0.0000e+00	-2.2005e+01	6.0705e+01	-1.4271e+00
	1689	0.0000e+00	0.0000e+00	0.0000e+00	-1.9830e+01	5.5856e+01	-2.8526e+00
	1682	0.0000e+00	0.0000e+00	0.0000e+00	-2.0826e+01	5.4145e+01	-7.2766e+00

910 1680 0.0000e+00 0.0000e+00 0.0000e+00 -1.5598e+01 4.7890e+01 7.7988e+00  
1687 0.0000e+00 0.0000e+00 0.0000e+00 -1.3157e+01 4.2691e+01 -2.5382e+00  
1688 0.0000e+00 0.0000e+00 0.0000e+00 -2.1899e+01 5.8900e+01 -6.3915e+00  
1681 0.0000e+00 0.0000e+00 0.0000e+00 -2.5638e+01 6.2789e+01 3.1749e+00

911 1679 0.0000e+00 0.0000e+00 0.0000e+00 5.4553e+00 7.7749e+00 1.4980e+01  
1686 0.0000e+00 0.0000e+00 0.0000e+00 4.5508e+00 6.5742e+00 -2.3629e+00  
1687 0.0000e+00 0.0000e+00 0.0000e+00 -1.0137e+01 3.1229e+01 -3.0311e+00  
1680 0.0000e+00 0.0000e+00 0.0000e+00 -1.3122e+01 3.5615e+01 1.2137e+01

912 1678 0.0000e+00 0.0000e+00 0.0000e+00 2.4737e+01 -3.6047e+01 1.4545e+01  
1685 0.0000e+00 0.0000e+00 0.0000e+00 1.9158e+01 -3.3389e+01 -2.3717e+00  
1686 0.0000e+00 0.0000e+00 0.0000e+00 7.7212e+00 -7.7508e+00 2.3981e+00  
1679 0.0000e+00 0.0000e+00 0.0000e+00 7.5230e+00 -7.2114e+00 1.5594e+01

913 1677 0.0000e+00 0.0000e+00 0.0000e+00 3.7994e+01 -6.6835e+01 8.4035e+00  
1684 0.0000e+00 0.0000e+00 0.0000e+00 3.1770e+01 -6.4606e+01 -2.8122e+00  
1685 0.0000e+00 0.0000e+00 0.0000e+00 2.2342e+01 -4.5611e+01 2.5031e+00  
1678 0.0000e+00 0.0000e+00 0.0000e+00 2.7140e+01 -4.9231e+01 1.1334e+01

914 1676 0.0000e+00 0.0000e+00 0.0000e+00 3.3350e+01 -6.3300e+01 -1.1514e+00  
1683 0.0000e+00 0.0000e+00 0.0000e+00 2.9962e+01 -6.6801e+01 4.3454e+00  
1684 0.0000e+00 0.0000e+00 0.0000e+00 3.1755e+01 -6.7660e+01 4.6944e+00  
1677 0.0000e+00 0.0000e+00 0.0000e+00 3.9226e+01 -7.1661e+01 1.5002e+00

915 1631 0.0000e+00 0.0000e+00 0.0000e+00 4.5907e+00 -1.3593e+01 -6.7301e+00  
1639 0.0000e+00 0.0000e+00 0.0000e+00 1.8830e+00 -1.7403e+01 1.7798e+01  
1683 0.0000e+00 0.0000e+00 0.0000e+00 2.5962e+01 -5.1286e+01 1.5686e+01  
1676 0.0000e+00 0.0000e+00 0.0000e+00 2.9733e+01 -5.0856e+01 -8.8705e+00

916 1675 0.0000e+00 0.0000e+00 0.0000e+00 -2.7116e+01 6.4025e+01 -4.4937e+01  
1682 0.0000e+00 0.0000e+00 0.0000e+00 -1.9060e+01 4.1972e+01 -1.4957e+01  
1330 0.0000e+00 0.0000e+00 0.0000e+00 6.7483e+00 2.3369e+00 -2.7786e+01  
1319 0.0000e+00 0.0000e+00 0.0000e+00 1.1057e+01 5.8251e+00 -5.7759e+01

917 1674 0.0000e+00 0.0000e+00 0.0000e+00 -3.2071e+01 8.8940e+01 -2.9581e+00  
1681 0.0000e+00 0.0000e+00 0.0000e+00 -3.1323e+01 7.0439e+01 1.7212e+00  
1682 0.0000e+00 0.0000e+00 0.0000e+00 -2.4973e+01 5.8156e+01 -1.8479e+01  
1675 0.0000e+00 0.0000e+00 0.0000e+00 -2.9241e+01 7.9747e+01 -2.3136e+01

918 1673 0.0000e+00 0.0000e+00 0.0000e+00 -1.6580e+01 6.0683e+01 2.6243e+01  
1680 0.0000e+00 0.0000e+00 0.0000e+00 -1.9448e+01 5.1791e+01 1.3874e+01  
1681 0.0000e+00 0.0000e+00 0.0000e+00 -2.8075e+01 6.5759e+01 5.5307e-01  
1674 0.0000e+00 0.0000e+00 0.0000e+00 -3.2865e+01 8.3304e+01 1.2928e+01

919 1672 0.0000e+00 0.0000e+00 0.0000e+00 4.5485e+00 1.1434e+01 3.6895e+01  
1679 0.0000e+00 0.0000e+00 0.0000e+00 3.4069e+00 9.5803e+00 1.9555e+01  
1680 0.0000e+00 0.0000e+00 0.0000e+00 -1.3240e+01 3.6834e+01 1.4688e+01  
1673 0.0000e+00 0.0000e+00 0.0000e+00 -1.5462e+01 4.4613e+01 3.2039e+01

920 1671 0.0000e+00 0.0000e+00 0.0000e+00 2.6056e+01 -4.1875e+01 3.5024e+01  
1678 0.0000e+00 0.0000e+00 0.0000e+00 2.4614e+01 -3.6385e+01 1.7403e+01  
1679 0.0000e+00 0.0000e+00 0.0000e+00 9.2429e+00 -8.1085e+00 1.9860e+01  
1672 0.0000e+00 0.0000e+00 0.0000e+00 6.1824e+00 -7.5460e+00 3.7495e+01

921 1670 0.0000e+00 0.0000e+00 0.0000e+00 4.4254e+01 -8.4884e+01 1.8934e+01  
1677 0.0000e+00 0.0000e+00 0.0000e+00 4.0220e+01 -6.9058e+01 5.9291e+00  
1678 0.0000e+00 0.0000e+00 0.0000e+00 3.1035e+01 -5.2314e+01 1.7188e+01  
1671 0.0000e+00 0.0000e+00 0.0000e+00 2.7026e+01 -5.9023e+01 3.0278e+01

922 1669 0.0000e+00 0.0000e+00 0.0000e+00 4.1021e+01 -8.7433e+01 -1.5447e+01  
1676 0.0000e+00 0.0000e+00 0.0000e+00 3.7526e+01 -6.6782e+01 -1.1411e+01  
1677 0.0000e+00 0.0000e+00 0.0000e+00 4.3624e+01 -7.5365e+01 7.6846e+00  
1670 0.0000e+00 0.0000e+00 0.0000e+00 4.3121e+01 -9.2350e+01 3.6348e+00

923 1623 0.0000e+00 0.0000e+00 0.0000e+00 7.4735e-02 -1.8629e+01 -4.9665e+01  
1631 0.0000e+00 0.0000e+00 0.0000e+00 7.9300e+00 -1.6126e+01 -1.9151e+01  
1676 0.0000e+00 0.0000e+00 0.0000e+00 3.1181e+01 -5.2100e+01 -7.1455e+00  
1669 0.0000e+00 0.0000e+00 0.0000e+00 3.8332e+01 -7.3507e+01 -3.7623e+01

924 1668 0.0000e+00 0.0000e+00 0.0000e+00 -4.6876e+01 1.3100e+02 -8.0393e+01  
1675 0.0000e+00 0.0000e+00 0.0000e+00 -3.4390e+01 7.5392e+01 -3.7988e+01  
1319 0.0000e+00 0.0000e+00 0.0000e+00 -1.1322e+01 1.6327e+01 -7.6993e+01  
1308 0.0000e+00 0.0000e+00 0.0000e+00 1.5326e+01 3.8186e+01 -1.1940e+02

925 1667 0.0000e+00 0.0000e+00 0.0000e+00 -2.8627e+01 1.3014e+02 1.4554e+01  
1674 0.0000e+00 0.0000e+00 0.0000e+00 -4.3573e+01 1.0424e+02 6.6060e+00  
1675 0.0000e+00 0.0000e+00 0.0000e+00 -3.9460e+01 9.0763e+01 -3.7262e+01



	1668	0.0000e+00	0.0000e+00	0.0000e+00	-4.8748e+01	1.5191e+02	-2.9328e+01
926	1666	0.0000e+00	0.0000e+00	0.0000e+00	-7.1280e+00	7.5543e+01	4.9231e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-2.1758e+01	6.7168e+01	3.1217e+01
	1674	0.0000e+00	0.0000e+00	0.0000e+00	-3.2874e+01	9.0331e+01	1.3236e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-3.2307e+01	1.1767e+02	3.1242e+01
927	1665	0.0000e+00	0.0000e+00	0.0000e+00	3.4772e+00	1.5266e+01	5.4350e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	2.1431e+00	1.1271e+01	4.0404e+01
	1673	0.0000e+00	0.0000e+00	0.0000e+00	-1.3722e+01	4.8793e+01	3.6167e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-9.0856e+00	5.3209e+01	5.0112e+01
928	1664	0.0000e+00	0.0000e+00	0.0000e+00	1.4950e+01	-4.6803e+01	5.3535e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	2.2744e+01	-4.5252e+01	3.9403e+01
	1672	0.0000e+00	0.0000e+00	0.0000e+00	7.0266e+00	-6.4420e+00	4.0744e+01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	2.2765e+00	-7.5711e+00	5.4877e+01
929	1663	0.0000e+00	0.0000e+00	0.0000e+00	3.8656e+01	-1.1671e+02	3.8043e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	4.2615e+01	-9.1400e+01	1.9367e+01
	1671	0.0000e+00	0.0000e+00	0.0000e+00	3.0946e+01	-6.4721e+01	3.5008e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	1.2685e+01	-7.0474e+01	5.3690e+01
930	1662	0.0000e+00	0.0000e+00	0.0000e+00	5.5984e+01	-1.5984e+02	-2.1223e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	4.9943e+01	-9.8389e+01	-3.0115e+01
	1670	0.0000e+00	0.0000e+00	0.0000e+00	5.3722e+01	-1.0741e+02	1.3016e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	3.4293e+01	-1.3153e+02	2.1894e+01
931	1615	0.0000e+00	0.0000e+00	0.0000e+00	-1.0150e+01	-5.2074e+01	-1.1374e+02
	1623	0.0000e+00	0.0000e+00	0.0000e+00	2.0750e+01	-2.9617e+01	-7.0358e+01
	1669	0.0000e+00	0.0000e+00	0.0000e+00	4.4965e+01	-8.5011e+01	-3.0553e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	5.3045e+01	-1.4159e+02	-7.3932e+01
932	1661	0.0000e+00	0.0000e+00	0.0000e+00	-4.4349e+01	4.1099e+02	-1.0323e+02
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-9.6787e+01	1.7568e+02	-3.6546e+01
	1308	0.0000e+00	0.0000e+00	0.0000e+00	-4.2778e+01	6.4747e+01	-1.5287e+02
	1297	0.0000e+00	0.0000e+00	0.0000e+00	3.7060e+01	6.0542e+01	-2.1956e+02
933	1660	0.0000e+00	0.0000e+00	0.0000e+00	3.1372e+01	1.8084e+02	7.5860e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-5.0303e+01	1.5990e+02	2.2552e+01
	1668	0.0000e+00	0.0000e+00	0.0000e+00	-5.1111e+01	1.6479e+02	-2.9685e+01
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-7.5517e+01	2.4747e+02	2.3663e+01
934	1659	0.0000e+00	0.0000e+00	0.0000e+00	2.3628e+01	7.8905e+01	5.5452e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-4.0595e+00	7.6929e+01	4.5118e+01
	1667	0.0000e+00	0.0000e+00	0.0000e+00	-2.3633e+01	1.2781e+02	4.6038e+01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	2.2565e+01	1.2400e+02	5.6366e+01
935	1658	0.0000e+00	0.0000e+00	0.0000e+00	3.6647e+00	1.6180e+01	4.8798e+01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	3.8112e+00	1.0423e+01	5.1749e+01
	1666	0.0000e+00	0.0000e+00	0.0000e+00	-3.2408e+00	6.0579e+01	5.3057e+01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	1.6677e+01	5.2214e+01	5.0107e+01
936	1657	0.0000e+00	0.0000e+00	0.0000e+00	-1.7167e+01	-4.2156e+01	5.3137e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	6.7646e+00	-5.3513e+01	5.6345e+01
	1665	0.0000e+00	0.0000e+00	0.0000e+00	-3.8559e-01	-1.7821e+00	5.2212e+01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-3.6570e+00	-4.8715e+00	4.9005e+01
937	1656	0.0000e+00	0.0000e+00	0.0000e+00	-2.4725e+01	-1.1945e+02	6.2915e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	2.7270e+01	-1.2663e+02	5.2994e+01
	1664	0.0000e+00	0.0000e+00	0.0000e+00	7.2547e+00	-7.0782e+01	4.9118e+01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-2.4695e+01	-7.0259e+01	5.9040e+01
938	1655	0.0000e+00	0.0000e+00	0.0000e+00	7.4143e+01	-2.5472e+02	3.3008e+01
	1662	0.0000e+00	0.0000e+00	0.0000e+00	5.5020e+01	-1.7310e+02	-2.1433e+01
	1663	0.0000e+00	0.0000e+00	0.0000e+00	5.4250e+01	-1.6108e+02	2.9393e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-3.4764e+01	-1.8034e+02	8.3824e+01
939	1607	0.0000e+00	0.0000e+00	0.0000e+00	-4.1473e+01	-7.8724e+01	-2.1796e+02
	1615	0.0000e+00	0.0000e+00	0.0000e+00	4.6471e+01	-8.0579e+01	-1.4981e+02
	1662	0.0000e+00	0.0000e+00	0.0000e+00	1.0319e+02	-1.8800e+02	-2.8827e+01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	3.9128e+01	-4.3004e+02	-9.6978e+01
940	945	0.0000e+00	0.0000e+00	0.0000e+00	3.4443e+02	7.5429e+01	1.2126e+02
	1661	0.0000e+00	0.0000e+00	0.0000e+00	-3.4379e+01	5.8721e+02	-5.0859e+01
	1297	0.0000e+00	0.0000e+00	0.0000e+00	-3.3168e+02	1.7686e+02	-5.0584e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	3.0357e+02	1.5923e+03	-3.3480e+02
941	944	0.0000e+00	0.0000e+00	0.0000e+00	1.4121e+02	1.3946e+02	1.6236e+01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	8.3462e+01	1.4398e+02	5.1654e+01

	1661	0.0000e+00	0.0000e+00	0.0000e+00	9.5140e+01	3.1177e+02	6.4682e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	2.0266e+02	2.9054e+02	2.9260e+01
942	943	0.0000e+00	0.0000e+00	0.0000e+00	6.1923e+01	6.1272e+01	9.2653e+00
	1659	0.0000e+00	0.0000e+00	0.0000e+00	4.5421e+01	6.3093e+01	4.1529e+01
	1660	0.0000e+00	0.0000e+00	0.0000e+00	6.3579e+01	1.4199e+02	5.2172e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	1.0945e+02	1.2274e+02	1.9848e+01
943	942	0.0000e+00	0.0000e+00	0.0000e+00	6.6172e+00	1.0852e+01	8.8385e+00
	1658	0.0000e+00	0.0000e+00	0.0000e+00	7.3846e+00	7.6023e+00	3.6759e+01
	1659	0.0000e+00	0.0000e+00	0.0000e+00	2.7733e+01	6.0812e+01	3.9610e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	4.2684e+01	5.1935e+01	1.1734e+01
944	941	0.0000e+00	0.0000e+00	0.0000e+00	-4.7190e+01	-4.0124e+01	1.2584e+01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-3.0268e+01	-5.0411e+01	4.1451e+01
	1658	0.0000e+00	0.0000e+00	0.0000e+00	-9.1969e+00	4.5151e+00	3.7335e+01
	942	0.0000e+00	0.0000e+00	0.0000e+00	-1.0087e+01	2.4170e+00	8.5123e+00
945	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.1862e+02	-1.1657e+02	2.1420e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-6.9305e+01	-1.3780e+02	5.6811e+01
	1657	0.0000e+00	0.0000e+00	0.0000e+00	-4.9048e+01	-5.3005e+01	4.4610e+01
	941	0.0000e+00	0.0000e+00	0.0000e+00	-6.7573e+01	-5.0005e+01	9.2338e+00
946	939	0.0000e+00	0.0000e+00	0.0000e+00	-2.2080e+02	-2.9814e+02	3.1424e+01
	1655	0.0000e+00	0.0000e+00	0.0000e+00	-1.0720e+02	-3.2205e+02	7.2732e+01
	1656	0.0000e+00	0.0000e+00	0.0000e+00	-9.1590e+01	-1.4021e+02	5.7841e+01
	940	0.0000e+00	0.0000e+00	0.0000e+00	-1.5318e+02	-1.3456e+02	1.6535e+01
947	17	0.0000e+00	0.0000e+00	0.0000e+00	-3.4808e+02	-1.6645e+03	-3.4242e+02
	1607	0.0000e+00	0.0000e+00	0.0000e+00	3.3784e+02	-2.0239e+02	-5.1216e+02
	1655	0.0000e+00	0.0000e+00	0.0000e+00	1.8982e+01	-6.0980e+02	-4.6207e+01
	939	0.0000e+00	0.0000e+00	0.0000e+00	-3.7120e+02	-7.2751e+01	1.2353e+02
948	1646	0.0000e+00	0.0000e+00	0.0000e+00	-7.3877e+00	1.3013e+02	3.6171e+01
	1654	0.0000e+00	0.0000e+00	0.0000e+00	6.2616e+01	-2.1846e+00	9.9769e+00
	28	0.0000e+00	0.0000e+00	0.0000e+00	5.3868e+01	2.8510e+02	7.0744e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	-5.2361e+01	3.1149e+01	9.7388e+01
949	1645	0.0000e+00	0.0000e+00	0.0000e+00	1.4693e+01	8.5011e+01	8.0285e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	3.4164e+01	-3.4466e+00	7.2193e+00
	1654	0.0000e+00	0.0000e+00	0.0000e+00	6.2201e+01	2.0070e+02	1.4734e+01
	1646	0.0000e+00	0.0000e+00	0.0000e+00	-1.5848e+01	9.6192e+01	1.5767e+01
950	1644	0.0000e+00	0.0000e+00	0.0000e+00	1.3867e+01	4.6668e+01	3.9776e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	1.5120e+01	-2.9376e+01	4.4237e+00
	1653	0.0000e+00	0.0000e+00	0.0000e+00	3.6078e+01	1.4682e+02	4.6286e+00
	1645	0.0000e+00	0.0000e+00	0.0000e+00	-7.9266e+00	6.8880e+01	4.2704e+00
951	1643	0.0000e+00	0.0000e+00	0.0000e+00	1.1898e+01	9.2883e+00	4.0649e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	4.0631e+00	-6.0215e+01	-4.6902e+00
	1652	0.0000e+00	0.0000e+00	0.0000e+00	1.9181e+01	1.0240e+02	-4.2975e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	-9.4252e+00	3.2360e+01	3.8187e+00
952	1642	0.0000e+00	0.0000e+00	0.0000e+00	1.0500e+01	-2.7110e+01	-4.2655e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-9.5590e+00	-9.3488e+01	-5.7459e+00
	1651	0.0000e+00	0.0000e+00	0.0000e+00	8.2319e+00	6.3514e+01	-5.0447e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	-1.1155e+01	-4.7889e+00	-3.8440e+00
953	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.0287e+01	-6.0251e+01	-4.7902e+00
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-2.6266e+01	-1.2965e+02	-6.3452e+00
	1650	0.0000e+00	0.0000e+00	0.0000e+00	-7.0549e+00	2.9706e+01	-5.8118e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	-1.3528e+01	-4.0215e+01	-4.2271e+00
954	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.8135e+01	-8.1795e+01	9.2560e+00
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-5.2712e+01	-1.7272e+02	1.1544e+01
	1649	0.0000e+00	0.0000e+00	0.0000e+00	-2.5843e+01	3.4815e+00	7.3795e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	-1.5888e+01	-7.3960e+01	4.0308e+00
955	1287	0.0000e+00	0.0000e+00	0.0000e+00	4.5742e+01	-1.1100e+01	8.5850e+01
	27	0.0000e+00	0.0000e+00	0.0000e+00	-5.3000e+01	-2.4391e+02	6.3039e+01
	1648	0.0000e+00	0.0000e+00	0.0000e+00	-5.5330e+01	5.8379e+00	1.0773e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.7204e+01	-1.1145e+02	2.6796e+01
956	1638	0.0000e+00	0.0000e+00	0.0000e+00	-3.2451e+01	5.9952e+01	8.7732e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	-1.6595e+01	1.0284e+02	3.1514e+01
	1647	0.0000e+00	0.0000e+00	0.0000e+00	5.3751e+00	1.4877e+01	5.0797e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	-8.3585e+00	1.9396e+01	2.7951e+01
957	1637	0.0000e+00	0.0000e+00	0.0000e+00	-3.4106e+01	7.3317e+01	-3.3160e+00

	1645	0.0000e+00	0.0000e+00	0.0000e+00	-7.9962e+00	8.8280e+01	-6.9196e+00
	1646	0.0000e+00	0.0000e+00	0.0000e+00	-2.2270e+01	7.7951e+01	6.6556e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	-2.7381e+01	6.8280e+01	1.0151e+01
958	1636	0.0000e+00	0.0000e+00	0.0000e+00	-2.0077e+01	4.5277e+01	-4.2238e+00
	1644	0.0000e+00	0.0000e+00	0.0000e+00	-5.4435e+00	5.3832e+01	-1.0493e+01
	1645	0.0000e+00	0.0000e+00	0.0000e+00	-1.2216e+01	5.7506e+01	-1.0308e+01
	1637	0.0000e+00	0.0000e+00	0.0000e+00	-2.6011e+01	6.5808e+01	-3.9965e+00
959	1635	0.0000e+00	0.0000e+00	0.0000e+00	-6.9284e+00	6.3842e+00	-3.7920e+00
	1643	0.0000e+00	0.0000e+00	0.0000e+00	-3.9811e+00	1.6118e+01	-1.0693e+01
	1644	0.0000e+00	0.0000e+00	0.0000e+00	-6.9936e+00	2.3987e+01	-1.1295e+01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	-1.5836e+01	3.5036e+01	-4.2336e+00
960	1634	0.0000e+00	0.0000e+00	0.0000e+00	8.3684e+00	-3.1932e+01	-5.5914e+00
	1642	0.0000e+00	0.0000e+00	0.0000e+00	6.3459e+00	-2.0158e+01	-1.2726e+01
	1643	0.0000e+00	0.0000e+00	0.0000e+00	-4.5567e+00	-1.2710e+01	-1.1157e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	-4.8834e+00	-4.2704e+00	-4.2103e+00
961	1633	0.0000e+00	0.0000e+00	0.0000e+00	1.7756e+01	-5.9198e+01	-7.4296e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	1.1400e+01	-5.0640e+01	-1.3608e+01
	1642	0.0000e+00	0.0000e+00	0.0000e+00	6.1765e+00	-4.8158e+01	-1.2847e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	1.2254e+01	-4.1389e+01	-6.6837e+00
962	1632	0.0000e+00	0.0000e+00	0.0000e+00	1.9146e+01	-5.6463e+01	3.4221e+00
	1640	0.0000e+00	0.0000e+00	0.0000e+00	2.0166e+01	-6.5744e+01	-2.3660e+00
	1641	0.0000e+00	0.0000e+00	0.0000e+00	9.4683e+00	-7.7804e+01	-1.1034e+01
	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.5286e+01	-6.5235e+01	-7.8200e+00
963	1276	0.0000e+00	0.0000e+00	0.0000e+00	-9.3857e+00	-2.9023e+00	1.7686e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	-1.6763e+01	4.2957e+00	4.1071e+01
	1640	0.0000e+00	0.0000e+00	0.0000e+00	1.6880e+01	-8.5780e+01	2.4272e+01
	1632	0.0000e+00	0.0000e+00	0.0000e+00	2.3153e+01	-4.6234e+01	1.3550e+00
964	1630	0.0000e+00	0.0000e+00	0.0000e+00	-2.9770e+01	5.0862e+01	-8.8691e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	-2.6003e+01	5.1291e+01	1.5686e+01
	1639	0.0000e+00	0.0000e+00	0.0000e+00	-1.9298e+00	1.7410e+01	1.7798e+01
	1631	0.0000e+00	0.0000e+00	0.0000e+00	-4.6284e+00	1.3602e+01	-6.7293e+00
965	1629	0.0000e+00	0.0000e+00	0.0000e+00	-3.9261e+01	7.1660e+01	1.5032e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	-3.1794e+01	6.7657e+01	4.6965e+00
	1638	0.0000e+00	0.0000e+00	0.0000e+00	-3.0003e+01	6.6803e+01	4.3474e+00
	1630	0.0000e+00	0.0000e+00	0.0000e+00	-3.3387e+01	6.3304e+01	-1.1564e+00
966	1628	0.0000e+00	0.0000e+00	0.0000e+00	-2.7175e+01	4.9225e+01	1.1340e+01
	1636	0.0000e+00	0.0000e+00	0.0000e+00	-2.2385e+01	4.5604e+01	2.5017e+00
	1637	0.0000e+00	0.0000e+00	0.0000e+00	-3.1810e+01	6.4601e+01	-2.8094e+00
	1629	0.0000e+00	0.0000e+00	0.0000e+00	-3.8029e+01	6.6832e+01	8.4082e+00
967	1627	0.0000e+00	0.0000e+00	0.0000e+00	-7.5731e+00	7.2028e+00	1.5600e+01
	1635	0.0000e+00	0.0000e+00	0.0000e+00	-7.7815e+00	7.7417e+00	2.3947e+00
	1636	0.0000e+00	0.0000e+00	0.0000e+00	-1.9202e+01	3.3381e+01	-2.3672e+00
	1628	0.0000e+00	0.0000e+00	0.0000e+00	-2.4774e+01	3.6039e+01	1.4550e+01
968	1626	0.0000e+00	0.0000e+00	0.0000e+00	1.3101e+01	-3.5621e+01	1.2143e+01
	1634	0.0000e+00	0.0000e+00	0.0000e+00	1.0129e+01	-3.1235e+01	-3.0187e+00
	1635	0.0000e+00	0.0000e+00	0.0000e+00	-4.6225e+00	-6.5826e+00	-2.3590e+00
	1627	0.0000e+00	0.0000e+00	0.0000e+00	-5.5134e+00	-7.7824e+00	1.4985e+01
969	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.5607e+01	-6.2788e+01	3.1797e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.1872e+01	-5.8898e+01	-6.3790e+00
	1634	0.0000e+00	0.0000e+00	0.0000e+00	1.3142e+01	-4.2694e+01	-2.5252e+00
	1626	0.0000e+00	0.0000e+00	0.0000e+00	1.5575e+01	-4.7893e+01	7.8040e+00
970	1624	0.0000e+00	0.0000e+00	0.0000e+00	2.0795e+01	-5.4136e+01	-7.2706e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	1.9804e+01	-5.5846e+01	-2.8389e+00
	1633	0.0000e+00	0.0000e+00	0.0000e+00	2.1978e+01	-6.0701e+01	-1.4106e+00
	1625	0.0000e+00	0.0000e+00	0.0000e+00	2.6971e+01	-6.6048e+01	-5.4451e+00
971	1265	0.0000e+00	0.0000e+00	0.0000e+00	-1.0121e+01	6.5577e-01	-1.6269e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	-1.2590e+01	-1.7351e+00	8.1299e+00
	1632	0.0000e+00	0.0000e+00	0.0000e+00	1.6634e+01	-3.9058e+01	7.6171e+00
	1624	0.0000e+00	0.0000e+00	0.0000e+00	1.7590e+01	-4.0065e+01	-1.6738e+01
972	1622	0.0000e+00	0.0000e+00	0.0000e+00	-3.8357e+01	7.3516e+01	-3.7619e+01
	1630	0.0000e+00	0.0000e+00	0.0000e+00	-3.1216e+01	5.2107e+01	-7.1432e+00
	1631	0.0000e+00	0.0000e+00	0.0000e+00	-7.9663e+00	1.6135e+01	-1.9151e+01
	1623	0.0000e+00	0.0000e+00	0.0000e+00	-1.1017e-01	1.8642e+01	-4.9663e+01

973 1621 0.0000e+00 0.0000e+00 0.0000e+00 -4.3144e+01 9.2349e+01 3.6417e+00  
1629 0.0000e+00 0.0000e+00 0.0000e+00 -4.3657e+01 7.5365e+01 7.6890e+00  
1630 0.0000e+00 0.0000e+00 0.0000e+00 -3.7560e+01 6.6787e+01 -1.1408e+01  
1622 0.0000e+00 0.0000e+00 0.0000e+00 -4.1047e+01 8.7439e+01 -1.5441e+01

974 1620 0.0000e+00 0.0000e+00 0.0000e+00 -2.7049e+01 5.9016e+01 3.0284e+01  
1628 0.0000e+00 0.0000e+00 0.0000e+00 -3.1067e+01 5.2308e+01 1.7193e+01  
1629 0.0000e+00 0.0000e+00 0.0000e+00 -4.0253e+01 6.9056e+01 5.9350e+00  
1621 0.0000e+00 0.0000e+00 0.0000e+00 -4.4277e+01 8.4881e+01 1.8940e+01

975 1619 0.0000e+00 0.0000e+00 0.0000e+00 -6.2141e+00 7.5373e+00 3.7499e+01  
1627 0.0000e+00 0.0000e+00 0.0000e+00 -9.2853e+00 8.1007e+00 1.9865e+01  
1628 0.0000e+00 0.0000e+00 0.0000e+00 -2.4647e+01 3.6377e+01 1.7409e+01  
1620 0.0000e+00 0.0000e+00 0.0000e+00 -2.6080e+01 4.1867e+01 3.5029e+01

976 1618 0.0000e+00 0.0000e+00 0.0000e+00 1.5441e+01 -4.4619e+01 3.2042e+01  
1626 0.0000e+00 0.0000e+00 0.0000e+00 1.3219e+01 -3.6839e+01 1.4692e+01  
1627 0.0000e+00 0.0000e+00 0.0000e+00 -3.4652e+00 -9.5875e+00 1.9561e+01  
1619 0.0000e+00 0.0000e+00 0.0000e+00 -4.5848e+00 -1.1442e+01 3.6899e+01

977 1617 0.0000e+00 0.0000e+00 0.0000e+00 3.2839e+01 -8.3304e+01 1.2929e+01  
1625 0.0000e+00 0.0000e+00 0.0000e+00 2.8044e+01 -6.5757e+01 5.5475e-01  
1626 0.0000e+00 0.0000e+00 0.0000e+00 1.9422e+01 -5.1794e+01 1.3879e+01  
1618 0.0000e+00 0.0000e+00 0.0000e+00 1.6559e+01 -6.0687e+01 2.6246e+01

978 1616 0.0000e+00 0.0000e+00 0.0000e+00 2.9210e+01 -7.9737e+01 -2.3136e+01  
1624 0.0000e+00 0.0000e+00 0.0000e+00 2.4939e+01 -5.8147e+01 -1.8474e+01  
1625 0.0000e+00 0.0000e+00 0.0000e+00 3.1290e+01 -7.0435e+01 1.7256e+00  
1617 0.0000e+00 0.0000e+00 0.0000e+00 3.2044e+01 -8.8937e+01 -2.9582e+00

979 1254 0.0000e+00 0.0000e+00 0.0000e+00 -1.1102e+01 -5.8081e+00 -5.7755e+01  
1265 0.0000e+00 0.0000e+00 0.0000e+00 -6.8159e+00 -2.3233e+00 -2.7778e+01  
1624 0.0000e+00 0.0000e+00 0.0000e+00 1.9028e+01 -4.1960e+01 -1.4952e+01  
1616 0.0000e+00 0.0000e+00 0.0000e+00 2.7086e+01 -6.4012e+01 -4.4935e+01

980 1614 0.0000e+00 0.0000e+00 0.0000e+00 -5.3053e+01 1.4160e+02 -7.3925e+01  
1622 0.0000e+00 0.0000e+00 0.0000e+00 -4.4989e+01 8.5023e+01 -3.0548e+01  
1623 0.0000e+00 0.0000e+00 0.0000e+00 -2.0774e+01 2.9633e+01 -7.0357e+01  
1615 0.0000e+00 0.0000e+00 0.0000e+00 1.0137e+01 5.2096e+01 -1.1374e+02

981 1613 0.0000e+00 0.0000e+00 0.0000e+00 -3.4302e+01 1.3153e+02 2.1902e+01  
1621 0.0000e+00 0.0000e+00 0.0000e+00 -5.3741e+01 1.0741e+02 1.3022e+01  
1622 0.0000e+00 0.0000e+00 0.0000e+00 -4.9964e+01 9.8396e+01 -3.0108e+01  
1614 0.0000e+00 0.0000e+00 0.0000e+00 -5.5995e+01 1.5985e+02 -2.1214e+01

982 1612 0.0000e+00 0.0000e+00 0.0000e+00 -1.2698e+01 7.0465e+01 5.3694e+01  
1620 0.0000e+00 0.0000e+00 0.0000e+00 -3.0965e+01 6.4714e+01 3.5013e+01  
1621 0.0000e+00 0.0000e+00 0.0000e+00 -4.2634e+01 9.1397e+01 1.9374e+01  
1613 0.0000e+00 0.0000e+00 0.0000e+00 -3.8666e+01 1.1671e+02 3.8049e+01

983 1611 0.0000e+00 0.0000e+00 0.0000e+00 -2.2952e+00 7.5617e+00 5.4879e+01  
1619 0.0000e+00 0.0000e+00 0.0000e+00 -7.0518e+00 6.4334e+00 4.0748e+01  
1620 0.0000e+00 0.0000e+00 0.0000e+00 -2.2764e+01 4.5245e+01 3.9408e+01  
1612 0.0000e+00 0.0000e+00 0.0000e+00 -1.4963e+01 4.6793e+01 5.3539e+01

984 1610 0.0000e+00 0.0000e+00 0.0000e+00 9.0712e+00 -5.3217e+01 5.0114e+01  
1618 0.0000e+00 0.0000e+00 0.0000e+00 1.3703e+01 -4.8799e+01 3.6169e+01  
1619 0.0000e+00 0.0000e+00 0.0000e+00 -2.1787e+00 -1.1279e+01 4.0408e+01  
1611 0.0000e+00 0.0000e+00 0.0000e+00 -3.4948e+00 -1.5276e+01 5.4353e+01

985 1609 0.0000e+00 0.0000e+00 0.0000e+00 3.2293e+01 -1.1767e+02 3.1242e+01  
1617 0.0000e+00 0.0000e+00 0.0000e+00 3.2851e+01 -9.0330e+01 1.3237e+01  
1618 0.0000e+00 0.0000e+00 0.0000e+00 2.1739e+01 -6.7173e+01 3.1219e+01  
1610 0.0000e+00 0.0000e+00 0.0000e+00 7.1134e+00 -7.5549e+01 4.9233e+01

986 1608 0.0000e+00 0.0000e+00 0.0000e+00 4.8731e+01 -1.5190e+02 -2.9333e+01  
1616 0.0000e+00 0.0000e+00 0.0000e+00 3.9433e+01 -9.0753e+01 -3.7263e+01  
1617 0.0000e+00 0.0000e+00 0.0000e+00 4.3549e+01 -1.0423e+02 6.6072e+00  
1609 0.0000e+00 0.0000e+00 0.0000e+00 2.8613e+01 -1.3014e+02 1.4552e+01

987 1243 0.0000e+00 0.0000e+00 0.0000e+00 -1.5345e+01 -3.8161e+01 -1.1939e+02  
1254 0.0000e+00 0.0000e+00 0.0000e+00 1.1296e+01 -1.6308e+01 -7.6988e+01  
1616 0.0000e+00 0.0000e+00 0.0000e+00 3.4361e+01 -7.5377e+01 -3.7987e+01  
1608 0.0000e+00 0.0000e+00 0.0000e+00 4.6861e+01 -1.3098e+02 -8.0396e+01

988 1606 0.0000e+00 0.0000e+00 0.0000e+00 -3.9112e+01 4.3006e+02 -9.6966e+01  
1614 0.0000e+00 0.0000e+00 0.0000e+00 -1.0319e+02 1.8802e+02 -2.8819e+01  
1615 0.0000e+00 0.0000e+00 0.0000e+00 -4.6481e+01 8.0606e+01 -1.4980e+02

	1607	0.0000e+00	0.0000e+00	0.0000e+00	4.1484e+01	7.8762e+01	-2.1795e+02
989	1605	0.0000e+00	0.0000e+00	0.0000e+00	3.4761e+01	1.8034e+02	8.3823e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-5.4254e+01	1.6107e+02	2.9398e+01
	1614	0.0000e+00	0.0000e+00	0.0000e+00	-5.5023e+01	1.7311e+02	-2.1421e+01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-7.4137e+01	2.5471e+02	3.3015e+01
990	1604	0.0000e+00	0.0000e+00	0.0000e+00	2.4682e+01	7.0251e+01	5.9038e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-7.2653e+00	7.0772e+01	4.9121e+01
	1613	0.0000e+00	0.0000e+00	0.0000e+00	-2.7277e+01	1.2662e+02	5.2998e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	2.4720e+01	1.1944e+02	6.2914e+01
991	1603	0.0000e+00	0.0000e+00	0.0000e+00	3.6407e+00	4.8633e+00	4.9006e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	3.9133e-01	1.7733e+00	5.2215e+01
	1612	0.0000e+00	0.0000e+00	0.0000e+00	-6.7774e+00	5.3504e+01	5.6347e+01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	1.7153e+01	4.2148e+01	5.3137e+01
992	1602	0.0000e+00	0.0000e+00	0.0000e+00	-1.6693e+01	-5.2221e+01	5.0110e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	3.2260e+00	-6.0587e+01	5.3060e+01
	1611	0.0000e+00	0.0000e+00	0.0000e+00	-3.8255e+00	-1.0433e+01	5.1751e+01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	-3.6817e+00	-1.6188e+01	4.8800e+01
993	1601	0.0000e+00	0.0000e+00	0.0000e+00	-2.2573e+01	-1.2401e+02	5.6371e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	2.3621e+01	-1.2781e+02	4.6039e+01
	1610	0.0000e+00	0.0000e+00	0.0000e+00	4.0451e+00	-7.6937e+01	4.5120e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-2.3643e+01	-7.8912e+01	5.5458e+01
994	1600	0.0000e+00	0.0000e+00	0.0000e+00	7.5521e+01	-2.4747e+02	2.3660e+01
	1608	0.0000e+00	0.0000e+00	0.0000e+00	5.1103e+01	-1.6478e+02	-2.9693e+01
	1609	0.0000e+00	0.0000e+00	0.0000e+00	5.0295e+01	-1.5991e+02	2.2552e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-3.1378e+01	-1.8084e+02	7.5865e+01
995	1232	0.0000e+00	0.0000e+00	0.0000e+00	-3.7059e+01	-6.0500e+01	-2.1956e+02
	1243	0.0000e+00	0.0000e+00	0.0000e+00	4.2761e+01	-6.4716e+01	-1.5287e+02
	1608	0.0000e+00	0.0000e+00	0.0000e+00	9.6773e+01	-1.7565e+02	-3.6551e+01
	1600	0.0000e+00	0.0000e+00	0.0000e+00	4.4365e+01	-4.1097e+02	-1.0324e+02
996	868	0.0000e+00	0.0000e+00	0.0000e+00	3.7119e+02	7.2711e+01	1.2347e+02
	1606	0.0000e+00	0.0000e+00	0.0000e+00	-1.8930e+01	6.0980e+02	-4.6211e+01
	1607	0.0000e+00	0.0000e+00	0.0000e+00	-3.3786e+02	2.0244e+02	-5.1214e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	3.4826e+02	1.6646e+03	-3.4247e+02
997	867	0.0000e+00	0.0000e+00	0.0000e+00	1.5316e+02	1.3455e+02	1.6517e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	9.1586e+01	1.4020e+02	5.7840e+01
	1606	0.0000e+00	0.0000e+00	0.0000e+00	1.0723e+02	3.2205e+02	7.2722e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	2.2077e+02	2.9814e+02	3.1397e+01
998	866	0.0000e+00	0.0000e+00	0.0000e+00	6.7538e+01	5.0001e+01	9.2256e+00
	1604	0.0000e+00	0.0000e+00	0.0000e+00	4.9032e+01	5.2996e+01	4.4609e+01
	1605	0.0000e+00	0.0000e+00	0.0000e+00	6.9295e+01	1.3780e+02	5.6803e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	1.1859e+02	1.1657e+02	2.1406e+01
999	865	0.0000e+00	0.0000e+00	0.0000e+00	1.0048e+01	-2.4203e+00	8.5123e+00
	1603	0.0000e+00	0.0000e+00	0.0000e+00	9.1757e+00	-4.5229e+00	3.7337e+01
	1604	0.0000e+00	0.0000e+00	0.0000e+00	3.0249e+01	5.0403e+01	4.1448e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	4.7153e+01	4.0121e+01	1.2579e+01
1000	864	0.0000e+00	0.0000e+00	0.0000e+00	-4.2721e+01	-5.1935e+01	1.1742e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-2.7753e+01	-6.0818e+01	3.9617e+01
	1603	0.0000e+00	0.0000e+00	0.0000e+00	-7.4062e+00	-7.6099e+00	3.6760e+01
	865	0.0000e+00	0.0000e+00	0.0000e+00	-6.6539e+00	-1.0855e+01	8.8405e+00
1001	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.0948e+02	-1.2274e+02	1.9867e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-6.3591e+01	-1.4199e+02	5.2184e+01
	1602	0.0000e+00	0.0000e+00	0.0000e+00	-4.5439e+01	-6.3100e+01	4.1535e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-6.1960e+01	-6.1275e+01	9.2774e+00
1002	862	0.0000e+00	0.0000e+00	0.0000e+00	-2.0268e+02	-2.9053e+02	2.9297e+01
	1600	0.0000e+00	0.0000e+00	0.0000e+00	-9.5120e+01	-3.1177e+02	6.4697e+01
	1601	0.0000e+00	0.0000e+00	0.0000e+00	-8.3468e+01	-1.4399e+02	5.1659e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.4124e+02	-1.3946e+02	1.6263e+01
1003	16	0.0000e+00	0.0000e+00	0.0000e+00	-3.0343e+02	-1.5923e+03	-3.3476e+02
	1232	0.0000e+00	0.0000e+00	0.0000e+00	3.3166e+02	-1.7680e+02	-5.0585e+02
	1600	0.0000e+00	0.0000e+00	0.0000e+00	3.4455e+01	-5.8720e+02	-5.0852e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-3.4444e+02	-7.5472e+01	1.2134e+02
1004	1593	0.0000e+00	0.0000e+00	0.0000e+00	-5.2167e+01	7.7303e+01	3.9348e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	7.6502e+01	-2.9920e+01	2.8024e+01

	31	0.0000e+00	0.0000e+00	0.0000e+00	1.0201e+02	2.1591e+02	7.7332e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	-4.4766e+01	-2.4907e+01	9.9844e+01
1005	1592	0.0000e+00	0.0000e+00	0.0000e+00	4.0600e+01	5.0572e+01	1.3670e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	4.5462e+01	-2.5630e+01	1.8309e+01
	1599	0.0000e+00	0.0000e+00	0.0000e+00	7.0648e+01	1.4945e+02	2.6094e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-4.6161e+01	5.3666e+01	2.2821e+01
1006	1591	0.0000e+00	0.0000e+00	0.0000e+00	3.3919e+01	1.8865e+01	7.1710e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	2.7343e+01	-4.8231e+01	1.1439e+01
	1598	0.0000e+00	0.0000e+00	0.0000e+00	4.2695e+01	1.0937e+02	1.4548e+01
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-3.2981e+01	3.8159e+01	1.0253e+01
1007	1590	0.0000e+00	0.0000e+00	0.0000e+00	2.9944e+01	-1.2215e+01	5.4550e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-2.2062e+01	-7.7915e+01	7.0144e+00
	1597	0.0000e+00	0.0000e+00	0.0000e+00	2.6474e+01	7.6350e+01	9.0048e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-2.7670e+01	9.5801e+00	7.4538e+00
1008	1589	0.0000e+00	0.0000e+00	0.0000e+00	3.0832e+01	-4.0918e+01	6.6416e+00
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-3.1513e+01	-1.1152e+02	6.8724e+00
	1596	0.0000e+00	0.0000e+00	0.0000e+00	-2.2183e+01	4.6858e+01	6.3917e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	-2.6966e+01	-2.1764e+01	6.7860e+00
1009	1588	0.0000e+00	0.0000e+00	0.0000e+00	4.5176e+01	-5.5667e+01	2.1296e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-5.3236e+01	-1.5197e+02	1.6956e+01
	1595	0.0000e+00	0.0000e+00	0.0000e+00	-3.2923e+01	2.3573e+01	8.3598e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	-2.9847e+01	-5.4467e+01	1.3200e+01
1010	1362	0.0000e+00	0.0000e+00	0.0000e+00	5.0166e+01	2.5478e+01	1.0305e+02
	30	0.0000e+00	0.0000e+00	0.0000e+00	-6.9083e+01	-2.1526e+02	7.1100e+01
	1594	0.0000e+00	0.0000e+00	0.0000e+00	-5.6009e+01	2.2616e+01	1.1863e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	4.8019e+01	-7.9254e+01	3.8800e+01
1011	1587	0.0000e+00	0.0000e+00	0.0000e+00	-3.0391e+01	1.3765e+01	1.3595e+01
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-4.0518e+01	4.9168e+01	3.8855e+01
	1427	0.0000e+00	0.0000e+00	0.0000e+00	4.7953e+01	-3.3617e+01	5.3310e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	3.5146e+01	-2.9187e+01	2.8038e+01
1012	1586	0.0000e+00	0.0000e+00	0.0000e+00	-3.2151e+01	3.4501e+01	2.1325e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-3.4274e+01	5.0887e+01	-4.0255e+00
	1593	0.0000e+00	0.0000e+00	0.0000e+00	-3.8007e+01	3.8306e+01	1.5661e+01
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-3.1439e+01	2.3336e+01	1.6240e+01
1013	1585	0.0000e+00	0.0000e+00	0.0000e+00	-2.7448e+01	1.6586e+01	-2.4641e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	2.9940e+01	2.5710e+01	-7.6299e+00
	1592	0.0000e+00	0.0000e+00	0.0000e+00	-3.2680e+01	2.7243e+01	-5.0071e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-2.9386e+01	3.0197e+01	2.0459e+00
1014	1584	0.0000e+00	0.0000e+00	0.0000e+00	2.7386e+01	-1.1891e+01	-3.1691e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	2.8527e+01	-4.2818e+00	-7.8036e+00
	1591	0.0000e+00	0.0000e+00	0.0000e+00	-2.8812e+01	2.3408e+00	-7.7998e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-2.6735e+01	9.5027e+00	-2.9589e+00
1015	1583	0.0000e+00	0.0000e+00	0.0000e+00	3.0986e+01	-3.2345e+01	4.8729e+00
	1589	0.0000e+00	0.0000e+00	0.0000e+00	3.0685e+01	-3.0257e+01	-4.7034e+00
	1590	0.0000e+00	0.0000e+00	0.0000e+00	2.7878e+01	-2.8444e+01	-6.9740e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	2.8993e+01	-1.9055e+01	-3.6367e+00
1016	1582	0.0000e+00	0.0000e+00	0.0000e+00	2.9603e+01	-2.4385e+01	1.9248e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	3.6335e+01	-4.1411e+01	1.7594e+01
	1589	0.0000e+00	0.0000e+00	0.0000e+00	2.9785e+01	-5.3501e+01	3.8414e+00
	1583	0.0000e+00	0.0000e+00	0.0000e+00	3.5280e+01	-3.6867e+01	5.1376e+00
1017	1351	0.0000e+00	0.0000e+00	0.0000e+00	-2.3319e+01	2.9047e+01	2.9720e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-3.1583e+01	3.3544e+01	5.4908e+01
	1588	0.0000e+00	0.0000e+00	0.0000e+00	3.6603e+01	-4.8895e+01	4.0988e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	2.8363e+01	-1.3829e+01	1.6076e+01
1018	1581	0.0000e+00	0.0000e+00	0.0000e+00	-2.0911e+01	7.3730e+00	-7.6898e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-2.8981e+01	7.1502e+00	1.7901e+01
	1416	0.0000e+00	0.0000e+00	0.0000e+00	3.8884e+01	-2.9312e+01	1.8448e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	3.3052e+01	-3.0618e+01	-7.2298e+00
1019	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.3212e+01	3.1321e+01	1.3539e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-2.8035e+01	2.8418e+01	7.9889e+00
	1587	0.0000e+00	0.0000e+00	0.0000e+00	-2.7817e+01	2.2037e+01	8.1260e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-2.1457e+01	1.8964e+01	1.9551e+00
1020	1579	0.0000e+00	0.0000e+00	0.0000e+00	-1.9861e+01	1.8177e+01	1.0100e+01

	1585	0.0000e+00	0.0000e+00	0.0000e+00	-2.5057e+01	1.6248e+01	3.4913e+00
	1586	0.0000e+00	0.0000e+00	0.0000e+00	-2.7320e+01	2.8903e+01	1.5295e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.3096e+01	3.0529e+01	8.5073e+00
1021	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.1538e+01	-1.1423e+01	1.3766e+01
	1584	0.0000e+00	0.0000e+00	0.0000e+00	2.5672e+01	-1.0295e+01	3.6742e+00
	1585	0.0000e+00	0.0000e+00	0.0000e+00	-2.4552e+01	8.0764e+00	2.1226e+00
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-1.9224e+01	1.0248e+01	1.3088e+01
1022	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.6971e+01	-3.1742e+01	1.0791e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	2.9658e+01	-3.1118e+01	5.0824e+00
	1584	0.0000e+00	0.0000e+00	0.0000e+00	2.6508e+01	-1.8444e+01	4.6683e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.2367e+01	-1.9397e+01	1.1157e+01
1023	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.1029e+01	-2.0134e+01	4.9046e+00
	1582	0.0000e+00	0.0000e+00	0.0000e+00	2.5856e+01	-2.3399e+01	1.1071e+01
	1583	0.0000e+00	0.0000e+00	0.0000e+00	2.9552e+01	-3.0397e+01	1.0462e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.6681e+01	-3.2528e+01	4.3406e+00
1024	1340	0.0000e+00	0.0000e+00	0.0000e+00	-2.2761e+01	2.9463e+01	-6.2744e+00
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-2.5880e+01	2.8713e+01	2.0035e+01
	1582	0.0000e+00	0.0000e+00	0.0000e+00	2.4456e+01	-7.5651e+00	2.0153e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	1.8029e+01	-8.1816e+00	-6.7586e+00
1025	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.6911e+01	2.9884e+01	-3.9467e+01
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-1.9123e+01	8.2087e+00	-7.8650e+00
	1405	0.0000e+00	0.0000e+00	0.0000e+00	2.8310e+01	-2.7736e+01	-1.8506e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	2.6808e+01	-2.6257e+01	-5.0131e+01
1026	1574	0.0000e+00	0.0000e+00	0.0000e+00	-2.3937e+01	5.3956e+01	-2.5996e+00
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.4163e+01	3.4864e+01	7.1555e+00
	1581	0.0000e+00	0.0000e+00	0.0000e+00	-1.9799e+01	2.2502e+01	-1.1966e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-1.9463e+01	4.4196e+01	-1.9836e+01
1027	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.2815e+01	2.8850e+01	2.7658e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-1.8447e+01	2.1607e+01	1.6491e+01
	1580	0.0000e+00	0.0000e+00	0.0000e+00	-2.2372e+01	3.2396e+01	4.5129e+00
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-2.5052e+01	5.2050e+01	1.5501e+01
1028	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.5519e+01	-1.6538e+01	3.3710e+01
	1578	0.0000e+00	0.0000e+00	0.0000e+00	1.8187e+01	-1.0351e+01	1.6613e+01
	1579	0.0000e+00	0.0000e+00	0.0000e+00	-1.6179e+01	9.3792e+00	1.5867e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.2463e+01	1.6937e+01	3.3058e+01
1029	1571	0.0000e+00	0.0000e+00	0.0000e+00	2.8872e+01	-5.2212e+01	1.7544e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.6756e+01	-3.3564e+01	7.0043e+00
	1578	0.0000e+00	0.0000e+00	0.0000e+00	2.2256e+01	-2.2610e+01	1.7376e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.5698e+01	-2.8617e+01	2.8566e+01
1030	1570	0.0000e+00	0.0000e+00	0.0000e+00	2.2558e+01	-4.5683e+01	-1.7762e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	2.1558e+01	-2.3905e+01	-1.0449e+01
	1577	0.0000e+00	0.0000e+00	0.0000e+00	2.8629e+01	-3.6164e+01	9.4061e+00
	1571	0.0000e+00	0.0000e+00	0.0000e+00	2.7475e+01	-5.4445e+01	3.7426e+00
1031	1329	0.0000e+00	0.0000e+00	0.0000e+00	-2.1042e+01	2.3752e+01	-4.8854e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-1.9376e+01	2.6116e+01	-1.7390e+01
	1576	0.0000e+00	0.0000e+00	0.0000e+00	1.7530e+01	-9.7975e+00	-6.7747e+00
	1570	0.0000e+00	0.0000e+00	0.0000e+00	1.9437e+01	-3.1773e+01	-3.7658e+01
1032	1569	0.0000e+00	0.0000e+00	0.0000e+00	-4.4904e+01	9.6528e+01	-8.2224e+01
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-2.4160e+01	3.8969e+01	-3.5245e+01
	1394	0.0000e+00	0.0000e+00	0.0000e+00	-9.9943e+00	-1.7055e+01	-6.8837e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	1.9202e+01	8.0192e+00	-1.1581e+02
1033	1568	0.0000e+00	0.0000e+00	0.0000e+00	-3.2621e+01	1.0248e+02	1.3223e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-3.8278e+01	6.9613e+01	9.4494e+00
	1575	0.0000e+00	0.0000e+00	0.0000e+00	-3.1854e+01	5.5260e+01	-3.6627e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-4.6060e+01	1.2151e+02	-3.3117e+01
1034	1567	0.0000e+00	0.0000e+00	0.0000e+00	-8.5909e+00	4.7864e+01	5.5691e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-1.9123e+01	3.7043e+01	3.5190e+01
	1574	0.0000e+00	0.0000e+00	0.0000e+00	-2.9884e+01	5.8423e+01	1.3561e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-3.5205e+01	9.5326e+01	3.3872e+01
1035	1566	0.0000e+00	0.0000e+00	0.0000e+00	1.0923e+01	-2.2743e+01	5.9312e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	1.1650e+01	-1.7116e+01	3.8562e+01
	1573	0.0000e+00	0.0000e+00	0.0000e+00	-9.5486e+00	1.7689e+01	3.7990e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.0703e+01	2.4557e+01	5.8748e+01

1036	1565	0.0000e+00	0.0000e+00	0.0000e+00	3.4778e+01	-9.3994e+01	3.5616e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	3.2486e+01	-5.8568e+01	1.5623e+01
	1572	0.0000e+00	0.0000e+00	0.0000e+00	2.1660e+01	-3.6475e+01	3.6035e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	8.6967e+00	-4.6287e+01	5.6265e+01
1037	1564	0.0000e+00	0.0000e+00	0.0000e+00	4.5773e+01	-1.2290e+02	-3.0351e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	3.4565e+01	-5.6963e+01	-3.4225e+01
	1571	0.0000e+00	0.0000e+00	0.0000e+00	4.1007e+01	-7.0119e+01	1.1476e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	3.1877e+01	-1.0186e+02	1.5443e+01
1038	1318	0.0000e+00	0.0000e+00	0.0000e+00	-1.9173e+01	-8.0267e+00	-1.1422e+02
	1329	0.0000e+00	0.0000e+00	0.0000e+00	8.2196e+00	1.3938e+01	-6.7736e+01
	1570	0.0000e+00	0.0000e+00	0.0000e+00	2.6953e+01	-4.1531e+01	-3.3264e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	4.4051e+01	-9.9484e+01	-7.9677e+01
1039	1563	0.0000e+00	0.0000e+00	0.0000e+00	-8.1573e+01	3.5600e+02	-1.2307e+02
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-8.5598e+01	1.3646e+02	-4.4516e+01
	1383	0.0000e+00	0.0000e+00	0.0000e+00	-5.3215e+01	2.6783e+01	-1.5211e+02
	1372	0.0000e+00	0.0000e+00	0.0000e+00	3.7463e+01	4.1647e+01	-2.3077e+02
1040	1562	0.0000e+00	0.0000e+00	0.0000e+00	1.6217e+01	1.7925e+02	8.1470e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-6.9070e+01	1.3919e+02	2.6620e+01
	1569	0.0000e+00	0.0000e+00	0.0000e+00	-5.9313e+01	1.3639e+02	-4.3645e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-9.7937e+01	2.4786e+02	1.2140e+01
1041	1561	0.0000e+00	0.0000e+00	0.0000e+00	1.0441e+01	6.0934e+01	7.2164e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-1.3970e+01	5.2628e+01	5.5227e+01
	1568	0.0000e+00	0.0000e+00	0.0000e+00	-3.9511e+01	1.0605e+02	4.9259e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	8.6425e+00	1.1078e+02	6.6150e+01
1042	1560	0.0000e+00	0.0000e+00	0.0000e+00	-4.4452e+00	-2.1092e+01	6.7866e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	7.3839e+00	-2.9639e+01	6.3039e+01
	1567	0.0000e+00	0.0000e+00	0.0000e+00	-8.3194e+00	3.1511e+01	6.3007e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	3.5003e+00	2.3067e+01	6.7834e+01
1043	1559	0.0000e+00	0.0000e+00	0.0000e+00	-9.7208e+00	-1.0833e+02	6.5897e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	3.7745e+01	-1.0490e+02	5.0420e+01
	1566	0.0000e+00	0.0000e+00	0.0000e+00	1.2657e+01	-5.0509e+01	5.5827e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.1864e+01	-5.8883e+01	7.1331e+01
1044	1558	0.0000e+00	0.0000e+00	0.0000e+00	9.0794e+01	-2.4490e+02	1.4231e+01
	1564	0.0000e+00	0.0000e+00	0.0000e+00	5.6266e+01	-1.3812e+02	-3.9933e+01
	1565	0.0000e+00	0.0000e+00	0.0000e+00	6.6372e+01	-1.3753e+02	2.8103e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-1.8999e+01	-1.7730e+02	8.1273e+01
1045	1307	0.0000e+00	0.0000e+00	0.0000e+00	-4.3775e+01	-4.8266e+01	-2.2904e+02
	1318	0.0000e+00	0.0000e+00	0.0000e+00	5.1849e+01	-3.2092e+01	-1.5071e+02
	1564	0.0000e+00	0.0000e+00	0.0000e+00	8.4279e+01	-1.4022e+02	-4.1672e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	7.1476e+01	-3.6144e+02	-1.1986e+02
1046	1077	0.0000e+00	0.0000e+00	0.0000e+00	3.7317e+02	1.6341e+02	1.5307e+02
	1563	0.0000e+00	0.0000e+00	0.0000e+00	-1.3046e+02	5.6419e+02	-4.6055e+01
	1372	0.0000e+00	0.0000e+00	0.0000e+00	-3.2364e+02	1.4513e+02	-5.3466e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	2.6212e+02	1.6085e+03	-3.4422e+02
1047	1076	0.0000e+00	0.0000e+00	0.0000e+00	1.2832e+02	1.2703e+02	2.7771e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	6.7484e+01	1.4909e+02	5.3191e+01
	1563	0.0000e+00	0.0000e+00	0.0000e+00	4.0861e+01	3.1448e+02	7.3365e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	2.2432e+02	2.9332e+02	4.8096e+01
1048	1075	0.0000e+00	0.0000e+00	0.0000e+00	4.6394e+01	4.3190e+01	1.9720e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	3.0691e+01	4.0293e+01	5.5182e+01
	1562	0.0000e+00	0.0000e+00	0.0000e+00	4.8478e+01	1.3641e+02	6.4401e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	9.5744e+01	1.1380e+02	2.9581e+01
1049	1074	0.0000e+00	0.0000e+00	0.0000e+00	-2.0917e+01	-2.7935e+01	1.8845e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-1.1671e+01	-3.7335e+01	5.4368e+01
	1561	0.0000e+00	0.0000e+00	0.0000e+00	1.0920e+01	3.9030e+01	5.5397e+01
	1075	0.0000e+00	0.0000e+00	0.0000e+00	2.2758e+01	2.7549e+01	2.0072e+01
1050	1073	0.0000e+00	0.0000e+00	0.0000e+00	-9.5322e+01	-1.1480e+02	2.4361e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-5.1373e+01	-1.3433e+02	6.1588e+01
	1560	0.0000e+00	0.0000e+00	0.0000e+00	-3.1852e+01	-3.8340e+01	5.4631e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-4.4868e+01	-4.2741e+01	1.6862e+01
1051	1072	0.0000e+00	0.0000e+00	0.0000e+00	-2.2407e+02	-2.9542e+02	3.8163e+01
	1558	0.0000e+00	0.0000e+00	0.0000e+00	-4.6132e+01	-3.1359e+02	6.9819e+01
	1559	0.0000e+00	0.0000e+00	0.0000e+00	-7.2267e+01	-1.4444e+02	5.2542e+01



	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.2889e+02	-1.2533e+02	2.0630e+01
1052	19	0.0000e+00	0.0000e+00	0.0000e+00	-3.0349e+02	-1.6223e+03	-3.5713e+02
	1307	0.0000e+00	0.0000e+00	0.0000e+00	3.2497e+02	-1.5750e+02	-5.2932e+02
	1558	0.0000e+00	0.0000e+00	0.0000e+00	1.0516e+02	-5.6460e+02	-4.7421e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-3.7809e+02	-1.4703e+02	1.2985e+02
1053	1551	0.0000e+00	0.0000e+00	0.0000e+00	-4.8108e+01	7.9287e+01	3.8814e+01
	1557	0.0000e+00	0.0000e+00	0.0000e+00	5.6057e+01	-2.2660e+01	1.1932e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	6.9256e+01	2.1534e+02	7.1107e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	-5.0235e+01	-2.5439e+01	1.0307e+02
1054	1550	0.0000e+00	0.0000e+00	0.0000e+00	2.9889e+01	5.4491e+01	1.3192e+01
	1556	0.0000e+00	0.0000e+00	0.0000e+00	3.2958e+01	-2.3568e+01	8.3757e+00
	1557	0.0000e+00	0.0000e+00	0.0000e+00	5.3280e+01	1.5201e+02	1.6970e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-4.5246e+01	5.5690e+01	2.1299e+01
1055	1549	0.0000e+00	0.0000e+00	0.0000e+00	2.6988e+01	2.1788e+01	6.7418e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	2.2195e+01	-4.6829e+01	6.3556e+00
	1556	0.0000e+00	0.0000e+00	0.0000e+00	3.1547e+01	1.1153e+02	6.8649e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-3.0868e+01	4.0937e+01	6.6226e+00
1056	1548	0.0000e+00	0.0000e+00	0.0000e+00	2.7690e+01	-9.5677e+00	7.3852e+00
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-2.6458e+01	-7.6286e+01	8.9386e+00
	1555	0.0000e+00	0.0000e+00	0.0000e+00	2.2076e+01	7.7903e+01	6.9609e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	-2.9964e+01	1.2245e+01	5.4014e+00
1057	1547	0.0000e+00	0.0000e+00	0.0000e+00	3.3009e+01	-3.8113e+01	1.0175e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-4.2665e+01	-1.0925e+02	1.4475e+01
	1554	0.0000e+00	0.0000e+00	0.0000e+00	-2.7331e+01	4.8207e+01	1.1373e+01
	1548	0.0000e+00	0.0000e+00	0.0000e+00	-3.3933e+01	-1.8843e+01	7.1007e+00
1058	1546	0.0000e+00	0.0000e+00	0.0000e+00	4.6209e+01	-5.3578e+01	2.2763e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-7.0617e+01	-1.4927e+02	2.6026e+01
	1553	0.0000e+00	0.0000e+00	0.0000e+00	-4.5441e+01	2.5611e+01	1.8240e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	-4.0623e+01	-5.0520e+01	1.3611e+01
1059	1212	0.0000e+00	0.0000e+00	0.0000e+00	4.4734e+01	2.4970e+01	9.9799e+01
	25	0.0000e+00	0.0000e+00	0.0000e+00	-1.0218e+02	-2.1564e+02	7.7282e+01
	1552	0.0000e+00	0.0000e+00	0.0000e+00	-7.6491e+01	2.9972e+01	2.7957e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	5.2232e+01	-7.7190e+01	3.9290e+01
1060	1545	0.0000e+00	0.0000e+00	0.0000e+00	-2.8437e+01	1.3844e+01	1.6085e+01
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-3.6677e+01	4.8916e+01	4.0998e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	3.1625e+01	-3.3511e+01	5.4927e+01
	1266	0.0000e+00	0.0000e+00	0.0000e+00	2.3349e+01	-2.9026e+01	2.9742e+01
1061	1544	0.0000e+00	0.0000e+00	0.0000e+00	-3.5354e+01	3.6883e+01	5.1122e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-2.9833e+01	5.3517e+01	3.7977e+00
	1551	0.0000e+00	0.0000e+00	0.0000e+00	-3.6402e+01	4.1432e+01	1.7593e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-2.9676e+01	2.4400e+01	1.9254e+01
1062	1543	0.0000e+00	0.0000e+00	0.0000e+00	-2.9043e+01	1.9074e+01	-3.5791e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	-2.7907e+01	2.8461e+01	-6.9376e+00
	1550	0.0000e+00	0.0000e+00	0.0000e+00	-3.0730e+01	3.0275e+01	-4.6564e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-3.1050e+01	3.2359e+01	4.8408e+00
1063	1542	0.0000e+00	0.0000e+00	0.0000e+00	2.6748e+01	-9.4917e+00	-2.8849e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	2.8830e+01	-2.4020e+00	-7.7554e+00
	1549	0.0000e+00	0.0000e+00	0.0000e+00	-2.8553e+01	4.3330e+00	-7.7634e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	-2.7423e+01	1.1915e+01	-3.1073e+00
1064	1541	0.0000e+00	0.0000e+00	0.0000e+00	2.9367e+01	-3.0156e+01	1.9739e+00
	1547	0.0000e+00	0.0000e+00	0.0000e+00	3.2693e+01	-2.7213e+01	-4.9262e+00
	1548	0.0000e+00	0.0000e+00	0.0000e+00	-2.9956e+01	-2.5683e+01	-7.5755e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	2.7447e+01	-1.6569e+01	-2.3898e+00
1065	1540	0.0000e+00	0.0000e+00	0.0000e+00	3.1416e+01	-2.3258e+01	1.6229e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	3.8015e+01	-3.8241e+01	1.5632e+01
	1547	0.0000e+00	0.0000e+00	0.0000e+00	3.4289e+01	-5.0827e+01	-3.9167e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	3.2116e+01	-3.4455e+01	2.0607e+00
1066	1202	0.0000e+00	0.0000e+00	0.0000e+00	-3.5151e+01	2.9253e+01	2.7984e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-4.7987e+01	3.3705e+01	5.3262e+01
	1546	0.0000e+00	0.0000e+00	0.0000e+00	4.0533e+01	-4.9056e+01	3.8831e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	3.0357e+01	-1.3660e+01	1.3566e+01
1067	1539	0.0000e+00	0.0000e+00	0.0000e+00	-1.8084e+01	8.1923e+00	-6.7340e+00
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-2.4520e+01	7.5763e+00	2.0167e+01

	1266	0.0000e+00	0.0000e+00	0.0000e+00	2.5865e+01	-2.8695e+01	2.0054e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.2719e+01	-2.9452e+01	-6.2484e+00
1068	1538	0.0000e+00	0.0000e+00	0.0000e+00	-2.6755e+01	3.2535e+01	4.3244e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-2.9620e+01	3.0408e+01	1.0459e+01
	1545	0.0000e+00	0.0000e+00	0.0000e+00	-2.5922e+01	2.3412e+01	1.1075e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-2.1096e+01	2.0144e+01	4.8990e+00
1069	1537	0.0000e+00	0.0000e+00	0.0000e+00	-2.2418e+01	1.9403e+01	1.1154e+01
	1543	0.0000e+00	0.0000e+00	0.0000e+00	-2.6554e+01	1.8458e+01	4.6401e+00
	1544	0.0000e+00	0.0000e+00	0.0000e+00	-2.9722e+01	3.1131e+01	5.0557e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-2.7043e+01	3.1748e+01	1.0791e+01
1070	1536	0.0000e+00	0.0000e+00	0.0000e+00	1.9200e+01	-1.0230e+01	1.3084e+01
	1542	0.0000e+00	0.0000e+00	0.0000e+00	2.4553e+01	-8.0714e+00	2.0649e+00
	1543	0.0000e+00	0.0000e+00	0.0000e+00	-2.5707e+01	1.0317e+01	3.6277e+00
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-2.1579e+01	1.1430e+01	1.3762e+01
1071	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.3021e+01	-3.0497e+01	8.5045e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	2.7283e+01	-2.8868e+01	1.4993e+00
	1542	0.0000e+00	0.0000e+00	0.0000e+00	2.5046e+01	-1.6230e+01	3.4509e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	1.9822e+01	-1.8157e+01	1.0092e+01
1072	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.1389e+01	-1.8909e+01	2.0034e+00
	1540	0.0000e+00	0.0000e+00	0.0000e+00	2.7779e+01	-2.1969e+01	8.1120e+00
	1541	0.0000e+00	0.0000e+00	0.0000e+00	2.7995e+01	-2.8375e+01	7.9773e+00
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.3129e+01	-3.1283e+01	1.3841e+00
1073	1192	0.0000e+00	0.0000e+00	0.0000e+00	-3.3076e+01	3.0673e+01	-7.2516e+00
	1202	0.0000e+00	0.0000e+00	0.0000e+00	-3.8906e+01	2.9373e+01	1.8395e+01
	1540	0.0000e+00	0.0000e+00	0.0000e+00	2.8950e+01	-7.0493e+00	1.7873e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	2.0855e+01	-7.2978e+00	-7.7202e+00
1074	1533	0.0000e+00	0.0000e+00	0.0000e+00	-1.9511e+01	3.1782e+01	-3.7641e+01
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-1.7589e+01	9.8098e+00	-6.7518e+00
	1255	0.0000e+00	0.0000e+00	0.0000e+00	1.9335e+01	-2.6106e+01	-1.7370e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	2.0972e+01	-2.3743e+01	-4.8836e+01
1075	1532	0.0000e+00	0.0000e+00	0.0000e+00	-2.7551e+01	5.4445e+01	3.7334e+00
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-2.8706e+01	3.6169e+01	9.4102e+00
	1539	0.0000e+00	0.0000e+00	0.0000e+00	-2.1630e+01	2.3914e+01	-1.0428e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-2.2634e+01	4.5689e+01	-1.7744e+01
1076	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.5754e+01	2.8611e+01	2.8570e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-2.2314e+01	2.2613e+01	1.7378e+01
	1538	0.0000e+00	0.0000e+00	0.0000e+00	-2.6828e+01	3.3568e+01	7.0011e+00
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-2.8948e+01	5.2209e+01	1.7551e+01
1077	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.2374e+01	-1.6926e+01	3.3053e+01
	1536	0.0000e+00	0.0000e+00	0.0000e+00	1.6142e+01	-9.3648e+00	1.5863e+01
	1537	0.0000e+00	0.0000e+00	0.0000e+00	-1.8221e+01	1.0354e+01	1.6613e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.5571e+01	1.6530e+01	3.3710e+01
1078	1529	0.0000e+00	0.0000e+00	0.0000e+00	2.4939e+01	-5.2031e+01	1.5491e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.2275e+01	-3.2369e+01	4.5215e+00
	1536	0.0000e+00	0.0000e+00	0.0000e+00	1.8377e+01	-2.1591e+01	1.6486e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.2719e+01	-2.8839e+01	2.7650e+01
1079	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.9330e+01	-4.4161e+01	-1.9874e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	1.9696e+01	-2.2455e+01	-1.2001e+01
	1535	0.0000e+00	0.0000e+00	0.0000e+00	2.4059e+01	-3.4831e+01	7.1512e+00
	1529	0.0000e+00	0.0000e+00	0.0000e+00	2.3819e+01	-5.3932e+01	-2.6522e+00
1080	1182	0.0000e+00	0.0000e+00	0.0000e+00	-2.6846e+01	2.6311e+01	-5.0169e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-2.8323e+01	2.7790e+01	-1.8538e+01
	1534	0.0000e+00	0.0000e+00	0.0000e+00	1.9043e+01	-8.1546e+00	-7.9015e+00
	1528	0.0000e+00	0.0000e+00	0.0000e+00	1.6772e+01	-2.9845e+01	-3.9500e+01
1081	1527	0.0000e+00	0.0000e+00	0.0000e+00	-4.4120e+01	9.9494e+01	-7.9662e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-2.7030e+01	4.1541e+01	-3.3247e+01
	1244	0.0000e+00	0.0000e+00	0.0000e+00	-8.2539e+00	-1.3932e+01	-6.7722e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	1.9102e+01	8.0520e+00	-1.1421e+02
1082	1526	0.0000e+00	0.0000e+00	0.0000e+00	-3.1950e+01	1.0186e+02	1.5454e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-4.1084e+01	7.0117e+01	1.1485e+01
	1533	0.0000e+00	0.0000e+00	0.0000e+00	-3.4641e+01	5.6968e+01	-3.4208e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-4.5846e+01	1.2290e+02	-3.0337e+01
1083	1525	0.0000e+00	0.0000e+00	0.0000e+00	-8.7671e+00	4.6271e+01	5.6265e+01

	1531	0.0000e+00	0.0000e+00	0.0000e+00	-2.1730e+01	3.6466e+01	3.6037e+01
	1532	0.0000e+00	0.0000e+00	0.0000e+00	-3.2561e+01	5.8564e+01	1.5631e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-3.4853e+01	9.3981e+01	3.5623e+01
1084	1524	0.0000e+00	0.0000e+00	0.0000e+00	1.0607e+01	-2.4559e+01	5.8738e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	9.4490e+00	-1.7682e+01	3.7984e+01
	1531	0.0000e+00	0.0000e+00	0.0000e+00	-1.1699e+01	1.7105e+01	3.8562e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.0995e+01	2.2724e+01	5.9310e+01
1085	1523	0.0000e+00	0.0000e+00	0.0000e+00	3.5116e+01	-9.5322e+01	3.3852e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	2.9777e+01	-5.8408e+01	1.3551e+01
	1530	0.0000e+00	0.0000e+00	0.0000e+00	1.9020e+01	-3.7037e+01	3.5181e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	8.4929e+00	-4.7866e+01	5.5678e+01
1086	1522	0.0000e+00	0.0000e+00	0.0000e+00	4.5966e+01	-1.2149e+02	-3.3157e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	3.1735e+01	-5.5228e+01	-3.6662e+01
	1529	0.0000e+00	0.0000e+00	0.0000e+00	3.8170e+01	-6.9593e+01	9.4386e+00
	1523	0.0000e+00	0.0000e+00	0.0000e+00	3.2533e+01	-1.0247e+02	1.3206e+01
1087	1172	0.0000e+00	0.0000e+00	0.0000e+00	-1.9277e+01	-8.0892e+00	-1.1584e+02
	1182	0.0000e+00	0.0000e+00	0.0000e+00	9.8754e+00	1.7116e+01	-6.8870e+01
	1528	0.0000e+00	0.0000e+00	0.0000e+00	2.4027e+01	-3.8935e+01	-3.5281e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	4.4814e+01	-9.6495e+01	-8.2260e+01
1088	1521	0.0000e+00	0.0000e+00	0.0000e+00	-7.1538e+01	3.6146e+02	-1.1985e+02
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-8.4350e+01	1.4023e+02	-4.1657e+01
	1233	0.0000e+00	0.0000e+00	0.0000e+00	-5.1916e+01	3.2121e+01	-1.5070e+02
	1222	0.0000e+00	0.0000e+00	0.0000e+00	4.3750e+01	4.8302e+01	-2.2903e+02
1089	1520	0.0000e+00	0.0000e+00	0.0000e+00	1.8952e+01	1.7728e+02	8.1271e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-6.6443e+01	1.3751e+02	2.8111e+01
	1527	0.0000e+00	0.0000e+00	0.0000e+00	-5.6333e+01	1.3813e+02	-3.9917e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-9.0862e+01	2.4488e+02	1.4242e+01
1090	1519	0.0000e+00	0.0000e+00	0.0000e+00	1.1789e+01	5.8860e+01	7.1321e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-1.2737e+01	5.0489e+01	5.5825e+01
	1526	0.0000e+00	0.0000e+00	0.0000e+00	-3.7820e+01	1.0489e+02	5.0425e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	9.6947e+00	1.0830e+02	6.5893e+01
1091	1518	0.0000e+00	0.0000e+00	0.0000e+00	-3.6174e+00	-2.3077e+01	6.7821e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	8.2409e+00	-3.1519e+01	6.2997e+01
	1525	0.0000e+00	0.0000e+00	0.0000e+00	-7.4655e+00	2.9619e+01	6.3034e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	4.3888e+00	2.1067e+01	6.7857e+01
1092	1517	0.0000e+00	0.0000e+00	0.0000e+00	-8.7783e+00	-1.1079e+02	6.6132e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	3.9432e+01	-1.0605e+02	4.9239e+01
	1524	0.0000e+00	0.0000e+00	0.0000e+00	1.3895e+01	-5.2636e+01	5.5212e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.0553e+01	-6.0946e+01	7.2153e+01
1093	1516	0.0000e+00	0.0000e+00	0.0000e+00	9.7879e+01	-2.4785e+02	1.2113e+01
	1522	0.0000e+00	0.0000e+00	0.0000e+00	5.9239e+01	-1.3637e+02	-4.3686e+01
	1523	0.0000e+00	0.0000e+00	0.0000e+00	6.8994e+01	-1.3918e+02	2.6596e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-1.6347e+01	-1.7925e+02	8.1449e+01
1094	1162	0.0000e+00	0.0000e+00	0.0000e+00	-3.7595e+01	-4.1609e+01	-2.3080e+02
	1172	0.0000e+00	0.0000e+00	0.0000e+00	5.3128e+01	-2.6761e+01	-1.5214e+02
	1522	0.0000e+00	0.0000e+00	0.0000e+00	8.5509e+01	-1.3643e+02	-4.4556e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	8.1544e+01	-3.5596e+02	-1.2311e+02
1095	1011	0.0000e+00	0.0000e+00	0.0000e+00	3.7802e+02	1.4697e+02	1.2978e+02
	1521	0.0000e+00	0.0000e+00	0.0000e+00	-1.0521e+02	5.6460e+02	-4.7427e+01
	1222	0.0000e+00	0.0000e+00	0.0000e+00	-3.2505e+02	1.5756e+02	-5.2931e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	3.0371e+02	1.6224e+03	-3.5718e+02
1096	1010	0.0000e+00	0.0000e+00	0.0000e+00	1.2878e+02	1.2531e+02	2.0599e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	7.2204e+01	1.4441e+02	5.2536e+01
	1521	0.0000e+00	0.0000e+00	0.0000e+00	4.6163e+01	3.1358e+02	6.9806e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	2.2397e+02	2.9542e+02	3.8127e+01
1097	1009	0.0000e+00	0.0000e+00	0.0000e+00	4.4730e+01	4.2721e+01	1.6837e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	3.1760e+01	3.8313e+01	5.4621e+01
	1520	0.0000e+00	0.0000e+00	0.0000e+00	5.1297e+01	1.3431e+02	6.1571e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	9.5202e+01	1.1479e+02	2.4331e+01
1098	1008	0.0000e+00	0.0000e+00	0.0000e+00	-2.2865e+01	-2.7561e+01	2.0063e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-1.1027e+01	-3.9045e+01	5.5389e+01
	1519	0.0000e+00	0.0000e+00	0.0000e+00	1.1575e+01	3.7311e+01	5.4353e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	2.0762e+01	2.7919e+01	1.8826e+01

1099	1007	0.0000e+00	0.0000e+00	0.0000e+00	-9.5870e+01	-1.1380e+02	2.9588e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-4.8585e+01	-1.3642e+02	6.4395e+01
	1518	0.0000e+00	0.0000e+00	0.0000e+00	-3.0796e+01	-4.0307e+01	5.5168e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-4.6517e+01	-4.3201e+01	1.9719e+01
1100	1006	0.0000e+00	0.0000e+00	0.0000e+00	-2.2444e+02	-2.9331e+02	4.8118e+01
	1516	0.0000e+00	0.0000e+00	0.0000e+00	-4.1026e+01	-3.1447e+02	7.3355e+01
	1517	0.0000e+00	0.0000e+00	0.0000e+00	-6.7587e+01	-1.4910e+02	5.3173e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.2844e+02	-1.2704e+02	2.7787e+01
1101	14	0.0000e+00	0.0000e+00	0.0000e+00	-2.6218e+02	-1.6084e+03	-3.4418e+02
	1162	0.0000e+00	0.0000e+00	0.0000e+00	3.2353e+02	-1.4506e+02	-5.3470e+02
	1516	0.0000e+00	0.0000e+00	0.0000e+00	1.3051e+02	-5.6416e+02	-4.6071e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-3.7326e+02	-1.6345e+02	1.5314e+02
1102	1505	0.0000e+00	0.0000e+00	0.0000e+00	-3.8433e+01	2.2645e+02	2.3577e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	3.6634e+01	1.6348e+02	1.4756e+01
	33	0.0000e+00	0.0000e+00	0.0000e+00	-8.1442e+01	3.2845e+02	5.3242e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	2.1362e+01	1.7301e+02	6.5784e+01
1103	1504	0.0000e+00	0.0000e+00	0.0000e+00	3.0514e+01	2.1487e+02	1.9990e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-2.5439e+01	1.4536e+02	1.6533e+01
	1515	0.0000e+00	0.0000e+00	0.0000e+00	3.3142e+01	2.9359e+02	1.9231e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-3.7694e+01	2.1875e+02	2.2049e+01
1104	1503	0.0000e+00	0.0000e+00	0.0000e+00	2.7839e+01	1.8095e+02	2.3586e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-2.2398e+01	1.0882e+02	1.7718e+01
	1514	0.0000e+00	0.0000e+00	0.0000e+00	-2.3840e+01	2.6851e+02	1.4951e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-2.7198e+01	2.0196e+02	2.0519e+01
1105	1502	0.0000e+00	0.0000e+00	0.0000e+00	2.8026e+01	1.4147e+02	2.8702e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-1.9159e+01	6.5315e+01	1.9225e+01
	1513	0.0000e+00	0.0000e+00	0.0000e+00	-1.9988e+01	2.3930e+02	1.6952e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-2.3908e+01	1.6651e+02	2.6517e+01
1106	1501	0.0000e+00	0.0000e+00	0.0000e+00	3.0717e+01	9.8275e+01	3.0255e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	-1.6647e+01	2.0412e+01	1.9886e+01
	1512	0.0000e+00	0.0000e+00	0.0000e+00	-1.7587e+01	2.0477e+02	1.9371e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	-2.2201e+01	1.2477e+02	3.0159e+01
1107	1500	0.0000e+00	0.0000e+00	0.0000e+00	3.4746e+01	5.3813e+01	2.7978e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	-1.6759e+01	-2.7677e+01	1.9905e+01
	1511	0.0000e+00	0.0000e+00	0.0000e+00	1.7904e+01	1.6662e+02	2.0691e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	-2.2176e+01	8.0719e+01	2.9691e+01
1108	1499	0.0000e+00	0.0000e+00	0.0000e+00	3.9496e+01	1.2894e+01	2.3670e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	-1.8968e+01	-7.3711e+01	2.0573e+01
	1510	0.0000e+00	0.0000e+00	0.0000e+00	1.9547e+01	1.2703e+02	2.1367e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	-2.4368e+01	3.6958e+01	2.5928e+01
1109	1498	0.0000e+00	0.0000e+00	0.0000e+00	4.7546e+01	-3.3710e+01	2.0707e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-2.7670e+01	-1.2171e+02	2.3227e+01
	1509	0.0000e+00	0.0000e+00	0.0000e+00	2.1263e+01	8.8368e+01	2.2817e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	-2.9308e+01	-1.2824e+01	2.1577e+01
1110	1497	0.0000e+00	0.0000e+00	0.0000e+00	7.1728e+01	-5.9174e+01	2.6500e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-5.0563e+01	-1.7560e+02	2.9536e+01
	1508	0.0000e+00	0.0000e+00	0.0000e+00	-3.0306e+01	5.5142e+01	2.6407e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	4.0069e+01	-5.3102e+01	2.1780e+01
1111	1437	0.0000e+00	0.0000e+00	0.0000e+00	7.9839e+01	1.6334e+01	1.0097e+02
	32	0.0000e+00	0.0000e+00	0.0000e+00	-1.0667e+02	-2.5033e+02	7.0951e+01
	1507	0.0000e+00	0.0000e+00	0.0000e+00	-5.6315e+01	4.6201e+01	3.5177e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	7.2581e+01	-8.7955e+01	4.1531e+01
1112	1495	0.0000e+00	0.0000e+00	0.0000e+00	-2.6789e+01	1.9543e+02	6.4855e+00
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-3.1435e+01	2.2295e+02	2.2097e+01
	1506	0.0000e+00	0.0000e+00	0.0000e+00	-5.9775e+01	1.5593e+02	3.7282e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	4.7149e+01	1.5004e+02	2.1202e+01
1113	1494	0.0000e+00	0.0000e+00	0.0000e+00	-2.4719e+01	2.1432e+02	1.3429e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-2.8344e+01	2.1808e+02	1.2214e+01
	1505	0.0000e+00	0.0000e+00	0.0000e+00	-2.8196e+01	2.1205e+02	1.5033e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	-2.8204e+01	2.0838e+02	1.6110e+01
1114	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.4325e+01	1.8572e+02	1.9222e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-2.5677e+01	1.8825e+02	1.4587e+01
	1504	0.0000e+00	0.0000e+00	0.0000e+00	-2.7485e+01	1.9808e+02	1.1411e+01

	1494	0.0000e+00	0.0000e+00	0.0000e+00	-2.4062e+01	2.0773e+02	1.5948e+01
1115	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.6715e+01	1.4204e+02	2.4546e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	2.5815e+01	1.4742e+02	1.8957e+01
	1503	0.0000e+00	0.0000e+00	0.0000e+00	-2.5005e+01	1.6370e+02	1.6075e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.4457e+01	1.7509e+02	2.1620e+01
1116	1491	0.0000e+00	0.0000e+00	0.0000e+00	3.1669e+01	9.3050e+01	2.5532e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	2.8709e+01	1.0283e+02	1.9819e+01
	1502	0.0000e+00	0.0000e+00	0.0000e+00	2.5573e+01	1.2095e+02	1.9791e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.7165e+01	1.2957e+02	2.5697e+01
1117	1490	0.0000e+00	0.0000e+00	0.0000e+00	3.8682e+01	4.4266e+01	2.1895e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	3.3785e+01	5.7911e+01	1.7314e+01
	1501	0.0000e+00	0.0000e+00	0.0000e+00	2.8746e+01	7.5011e+01	1.9852e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	3.2645e+01	8.0159e+01	2.5184e+01
1118	1489	0.0000e+00	0.0000e+00	0.0000e+00	4.7254e+01	8.3355e+00	1.5692e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	4.0413e+01	1.6841e+01	1.4315e+01
	1500	0.0000e+00	0.0000e+00	0.0000e+00	3.3797e+01	2.9577e+01	1.7078e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	4.0694e+01	3.2190e+01	2.0316e+01
1119	1488	0.0000e+00	0.0000e+00	0.0000e+00	5.5585e+01	-3.2945e+01	1.1227e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	4.9524e+01	-2.5172e+01	1.2828e+01
	1499	0.0000e+00	0.0000e+00	0.0000e+00	4.0026e+01	-1.8501e+01	1.4542e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	5.1194e+01	-1.4995e+01	1.3846e+01
1120	1487	0.0000e+00	0.0000e+00	0.0000e+00	5.6612e+01	-3.3316e+01	1.7940e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	6.1263e+01	-4.5907e+01	1.7579e+01
	1498	0.0000e+00	0.0000e+00	0.0000e+00	4.8133e+01	-5.3432e+01	1.2729e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	6.2156e+01	-4.0467e+01	9.9165e+00
1121	1426	0.0000e+00	0.0000e+00	0.0000e+00	4.6104e+01	1.9079e+01	2.6763e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	5.1766e+01	2.4841e+01	5.1644e+01
	1497	0.0000e+00	0.0000e+00	0.0000e+00	6.1418e+01	-5.8140e+01	3.8781e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	5.6860e+01	-2.5836e+01	1.4285e+01
1122	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.8653e+01	2.0108e+02	-8.0404e+00
	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.2984e+01	1.9895e+02	1.2830e+01
	1496	0.0000e+00	0.0000e+00	0.0000e+00	-4.5275e+01	1.4687e+02	7.5310e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	4.3391e+01	1.5620e+02	-1.2997e+01
1123	1484	0.0000e+00	0.0000e+00	0.0000e+00	-1.6720e+01	2.2172e+02	1.3070e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-2.2956e+01	2.1267e+02	1.7271e+01
	1495	0.0000e+00	0.0000e+00	0.0000e+00	2.0891e+01	2.1108e+02	1.1610e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.9268e+01	2.1539e+02	7.9841e+00
1124	1483	0.0000e+00	0.0000e+00	0.0000e+00	1.8855e+01	1.9436e+02	2.5883e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.2886e+01	1.8764e+02	2.0995e+01
	1494	0.0000e+00	0.0000e+00	0.0000e+00	-2.2912e+01	2.1008e+02	1.5384e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-1.6949e+01	2.1675e+02	1.9995e+01
1125	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.3898e+01	1.4678e+02	3.3656e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.5968e+01	1.4367e+02	2.5513e+01
	1493	0.0000e+00	0.0000e+00	0.0000e+00	2.3106e+01	1.7665e+02	2.1843e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	1.9045e+01	1.8200e+02	2.9848e+01
1126	1481	0.0000e+00	0.0000e+00	0.0000e+00	3.1573e+01	9.2359e+01	3.5446e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	3.2327e+01	9.3302e+01	2.6360e+01
	1492	0.0000e+00	0.0000e+00	0.0000e+00	2.6806e+01	1.2971e+02	2.6065e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.3803e+01	1.3136e+02	3.5135e+01
1127	1480	0.0000e+00	0.0000e+00	0.0000e+00	4.1030e+01	3.8510e+01	3.1971e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	4.1016e+01	4.3274e+01	2.2639e+01
	1491	0.0000e+00	0.0000e+00	0.0000e+00	3.3607e+01	7.8749e+01	2.5795e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	3.1541e+01	7.6380e+01	3.5232e+01
1128	1479	0.0000e+00	0.0000e+00	0.0000e+00	5.0966e+01	-1.1135e+01	2.3923e+01
	1489	0.0000e+00	0.0000e+00	0.0000e+00	5.0700e+01	8.5311e+00	1.5760e+01
	1490	0.0000e+00	0.0000e+00	0.0000e+00	4.2528e+01	2.9898e+01	2.1405e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	4.1460e+01	2.4023e+01	2.9884e+01
1129	1478	0.0000e+00	0.0000e+00	0.0000e+00	5.6341e+01	-3.8287e+01	1.3013e+01
	1488	0.0000e+00	0.0000e+00	0.0000e+00	5.8028e+01	-3.4547e+01	9.9082e+00
	1489	0.0000e+00	0.0000e+00	0.0000e+00	5.1721e+01	-1.4845e+01	1.5493e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	5.1788e+01	-2.1547e+01	1.8983e+01
1130	1477	0.0000e+00	0.0000e+00	0.0000e+00	4.9217e+01	-3.2376e+01	3.4158e+00
	1487	0.0000e+00	0.0000e+00	0.0000e+00	5.4595e+01	-3.3989e+01	1.0113e+01

	1488	0.0000e+00	0.0000e+00	0.0000e+00	5.7337e+01	-3.4860e+01	1.3211e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	5.5975e+01	-4.1085e+01	5.6991e+00
1131	1415	0.0000e+00	0.0000e+00	0.0000e+00	-3.3793e+01	1.8416e+01	-1.0165e+01
	1426	0.0000e+00	0.0000e+00	0.0000e+00	4.1197e+01	1.8531e+01	1.6511e+01
	1487	0.0000e+00	0.0000e+00	0.0000e+00	5.2241e+01	-2.0411e+01	1.7973e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	4.5461e+01	-2.2527e+01	-9.2179e+00
1132	1475	0.0000e+00	0.0000e+00	0.0000e+00	1.0313e+01	2.3380e+02	-2.7027e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.3584e+01	2.0889e+02	-5.2539e+00
	1486	0.0000e+00	0.0000e+00	0.0000e+00	4.1506e+01	1.6219e+02	-2.6473e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	3.4247e+01	1.8480e+02	-4.8833e+01
1133	1474	0.0000e+00	0.0000e+00	0.0000e+00	8.2410e+00	2.4312e+02	1.1163e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-1.4912e+01	2.2650e+02	1.6048e+01
	1485	0.0000e+00	0.0000e+00	0.0000e+00	1.1760e+01	2.2157e+02	-7.3031e+00
	1475	0.0000e+00	0.0000e+00	0.0000e+00	9.8319e+00	2.4554e+02	-9.8619e+00
1134	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.2493e+01	2.0674e+02	3.3426e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	-1.6093e+01	1.9808e+02	2.7441e+01
	1484	0.0000e+00	0.0000e+00	0.0000e+00	-1.5235e+01	2.2089e+02	1.6669e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	-8.9475e+00	2.3694e+02	2.2247e+01
1135	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.8959e+01	1.5212e+02	4.2990e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.1324e+01	1.4846e+02	3.4049e+01
	1483	0.0000e+00	0.0000e+00	0.0000e+00	1.6933e+01	1.8439e+02	2.9081e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.2303e+01	1.9183e+02	3.7924e+01
1136	1471	0.0000e+00	0.0000e+00	0.0000e+00	2.5864e+01	9.2668e+01	4.5330e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	2.9774e+01	9.2189e+01	3.5888e+01
	1482	0.0000e+00	0.0000e+00	0.0000e+00	2.2528e+01	1.3213e+02	3.4842e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.8342e+01	1.3407e+02	4.4246e+01
1137	1470	0.0000e+00	0.0000e+00	0.0000e+00	3.4006e+01	3.3526e+01	4.3243e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	3.9963e+01	3.6907e+01	3.2900e+01
	1481	0.0000e+00	0.0000e+00	0.0000e+00	3.1104e+01	7.5446e+01	3.5120e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	2.5236e+01	7.4079e+01	4.5432e+01
1138	1469	0.0000e+00	0.0000e+00	0.0000e+00	4.4490e+01	-2.2637e+01	3.4839e+01
	1479	0.0000e+00	0.0000e+00	0.0000e+00	5.0797e+01	-1.3613e+01	2.3849e+01
	1480	0.0000e+00	0.0000e+00	0.0000e+00	4.2085e+01	2.1076e+01	3.0814e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	3.3469e+01	1.6353e+01	4.1795e+01
1139	1468	0.0000e+00	0.0000e+00	0.0000e+00	5.2792e+01	-6.1977e+01	1.4348e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	5.7221e+01	-4.2414e+01	8.2392e+00
	1479	0.0000e+00	0.0000e+00	0.0000e+00	5.3547e+01	-2.5812e+01	2.1920e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	4.3572e+01	-3.5985e+01	2.8424e+01
1140	1467	0.0000e+00	0.0000e+00	0.0000e+00	4.5009e+01	-5.9366e+01	-2.1470e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	4.9910e+01	-3.7255e+01	-1.2403e+01
	1478	0.0000e+00	0.0000e+00	0.0000e+00	5.7708e+01	-4.5692e+01	8.5079e+00
	1468	0.0000e+00	0.0000e+00	0.0000e+00	5.0603e+01	-6.4871e+01	-3.7215e+00
1141	1404	0.0000e+00	0.0000e+00	0.0000e+00	-2.2107e+01	1.4031e+01	-5.3762e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	3.2200e+01	1.5622e+01	-2.1960e+01
	1477	0.0000e+00	0.0000e+00	0.0000e+00	4.4688e+01	-2.4986e+01	-1.0020e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	4.1643e+01	-4.6502e+01	-4.1626e+01
1142	1465	0.0000e+00	0.0000e+00	0.0000e+00	6.0021e+00	2.9989e+02	-4.5755e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	-6.4798e+00	2.4652e+02	-2.1476e+01
	1476	0.0000e+00	0.0000e+00	0.0000e+00	3.6249e+01	2.0075e+02	-6.6351e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	3.0745e+01	2.4509e+02	-9.0666e+01
1143	1464	0.0000e+00	0.0000e+00	0.0000e+00	7.6448e+00	2.7706e+02	1.8366e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	-1.0108e+01	2.5575e+02	1.4716e+01
	1475	0.0000e+00	0.0000e+00	0.0000e+00	-6.1206e+00	2.5593e+02	-1.8801e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-6.1957e+00	3.0521e+02	-1.4418e+01
1144	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.5285e+01	2.2019e+02	4.3390e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	8.9120e+00	2.1226e+02	3.3819e+01
	1474	0.0000e+00	0.0000e+00	0.0000e+00	-7.6524e+00	2.4326e+02	2.0330e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	3.8301e+00	2.6497e+02	2.9753e+01
1145	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.7701e+01	1.5646e+02	4.8572e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.6599e+01	1.5278e+02	4.1742e+01
	1473	0.0000e+00	0.0000e+00	0.0000e+00	1.0722e+01	1.9562e+02	3.7889e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.1774e+01	2.0031e+02	4.4720e+01
1146	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.7403e+01	9.4202e+01	4.9593e+01

	1471	0.0000e+00	0.0000e+00	0.0000e+00	2.3230e+01	9.1034e+01	4.4558e+01
	1472	0.0000e+00	0.0000e+00	0.0000e+00	1.6896e+01	1.3645e+02	4.3312e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.4782e+01	1.3598e+02	4.8351e+01
1147	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.7517e+01	3.2689e+01	5.0361e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	3.0152e+01	3.0594e+01	4.4245e+01
	1471	0.0000e+00	0.0000e+00	0.0000e+00	2.2806e+01	7.5064e+01	4.3881e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.4851e+01	7.3735e+01	4.9989e+01
1148	1459	0.0000e+00	0.0000e+00	0.0000e+00	2.2872e+01	-3.2419e+01	4.7748e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	4.0407e+01	-2.7126e+01	3.7292e+01
	1470	0.0000e+00	0.0000e+00	0.0000e+00	3.1237e+01	1.4234e+01	4.1023e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.5069e+01	1.1876e+01	5.1479e+01
1149	1458	0.0000e+00	0.0000e+00	0.0000e+00	4.0170e+01	-1.0190e+02	2.7345e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	5.2643e+01	-6.9268e+01	1.2176e+01
	1469	0.0000e+00	0.0000e+00	0.0000e+00	4.5942e+01	-4.5084e+01	3.1038e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	1.9606e+01	-5.3509e+01	4.6449e+01
1150	1457	0.0000e+00	0.0000e+00	0.0000e+00	5.1004e+01	-1.3480e+02	-3.3968e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	5.2195e+01	-7.0721e+01	-3.7450e+01
	1468	0.0000e+00	0.0000e+00	0.0000e+00	5.9421e+01	-8.1455e+01	6.0962e+00
	1458	0.0000e+00	0.0000e+00	0.0000e+00	3.6454e+01	-1.0939e+02	9.3922e+00
1151	1393	0.0000e+00	0.0000e+00	0.0000e+00	-1.4386e+01	-2.8528e+01	-1.1748e+02
	1404	0.0000e+00	0.0000e+00	0.0000e+00	2.7278e+01	1.3751e+01	-7.2712e+01
	1467	0.0000e+00	0.0000e+00	0.0000e+00	4.5800e+01	-5.7741e+01	-3.7884e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	4.8582e+01	-1.1348e+02	-8.2669e+01
1152	1455	0.0000e+00	0.0000e+00	0.0000e+00	1.5871e+01	4.3795e+02	-4.4751e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-3.1041e+01	3.3011e+02	-2.6015e+01
	1466	0.0000e+00	0.0000e+00	0.0000e+00	1.6324e+01	2.7624e+02	-1.2043e+02
	1456	0.0000e+00	0.0000e+00	0.0000e+00	3.9998e+01	3.7442e+02	-1.3903e+02
1153	1454	0.0000e+00	0.0000e+00	0.0000e+00	4.1521e+01	3.1592e+02	4.8739e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	-8.7293e+00	2.9706e+02	2.1428e+01
	1465	0.0000e+00	0.0000e+00	0.0000e+00	-1.3080e+01	3.1869e+02	-1.6805e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-1.2594e+01	3.8227e+02	1.1966e+01
1154	1453	0.0000e+00	0.0000e+00	0.0000e+00	3.5989e+01	2.2550e+02	4.6277e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.5971e+01	2.2297e+02	3.8696e+01
	1464	0.0000e+00	0.0000e+00	0.0000e+00	6.6378e+00	2.7258e+02	3.5403e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	3.2655e+01	2.7734e+02	4.3095e+01
1155	1452	0.0000e+00	0.0000e+00	0.0000e+00	2.3526e+01	1.5603e+02	4.1457e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.8778e+01	1.5411e+02	4.3048e+01
	1463	0.0000e+00	0.0000e+00	0.0000e+00	1.5676e+01	2.0515e+02	4.4370e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	2.8919e+01	2.0046e+02	4.2870e+01
1156	1451	0.0000e+00	0.0000e+00	0.0000e+00	9.0590e+00	9.5216e+01	3.9939e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.5083e+01	9.0696e+01	4.4829e+01
	1462	0.0000e+00	0.0000e+00	0.0000e+00	1.4687e+01	1.3983e+02	4.4650e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	1.6682e+01	1.3571e+02	3.9797e+01
1157	1450	0.0000e+00	0.0000e+00	0.0000e+00	-1.1094e+01	3.7078e+01	4.3030e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	1.1089e+01	2.8405e+01	4.8062e+01
	1461	0.0000e+00	0.0000e+00	0.0000e+00	1.0781e+01	7.7618e+01	4.4796e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-5.6681e+00	7.5999e+01	3.9747e+01
1158	1449	0.0000e+00	0.0000e+00	0.0000e+00	-2.5072e+01	-2.6560e+01	5.0715e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	1.1203e+01	-3.8716e+01	5.1522e+01
	1460	0.0000e+00	0.0000e+00	0.0000e+00	8.1517e+00	1.4731e+01	4.5746e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-1.7808e+01	1.5239e+01	4.4941e+01
1159	1448	0.0000e+00	0.0000e+00	0.0000e+00	-2.8088e+01	-1.0927e+02	5.7479e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	3.4456e+01	-1.1100e+02	4.2685e+01
	1459	0.0000e+00	0.0000e+00	0.0000e+00	1.2953e+01	-5.9013e+01	4.1886e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-3.2145e+01	-5.8752e+01	5.6812e+01
1160	1447	0.0000e+00	0.0000e+00	0.0000e+00	7.3558e+01	-2.4848e+02	1.3183e+01
	1457	0.0000e+00	0.0000e+00	0.0000e+00	5.3097e+01	-1.4901e+02	-4.1682e+01
	1458	0.0000e+00	0.0000e+00	0.0000e+00	6.2323e+01	-1.4478e+02	2.0013e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-3.7702e+01	-1.7761e+02	7.4267e+01
1161	1382	0.0000e+00	0.0000e+00	0.0000e+00	-5.7230e+01	-7.5125e+01	-2.2630e+02
	1393	0.0000e+00	0.0000e+00	0.0000e+00	5.3467e+01	-5.4504e+01	-1.5335e+02
	1457	0.0000e+00	0.0000e+00	0.0000e+00	8.3780e+01	-1.5590e+02	-4.4581e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	5.5262e+01	-3.7174e+02	-1.1743e+02

1162	782	0.0000e+00	0.0000e+00	0.0000e+00	1.8668e+02	3.8960e+02	8.3242e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	-2.7772e+01	5.2768e+02	-2.4967e+01
	1456	0.0000e+00	0.0000e+00	0.0000e+00	-9.4869e+01	4.3701e+02	-2.3426e+02
	22	0.0000e+00	0.0000e+00	0.0000e+00	9.5512e+01	1.0369e+03	-1.3488e+02
1163	781	0.0000e+00	0.0000e+00	0.0000e+00	9.5754e+01	2.9815e+02	3.0617e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	6.4132e+01	3.0681e+02	3.3337e+01
	1455	0.0000e+00	0.0000e+00	0.0000e+00	4.6202e+01	4.1396e+02	3.7745e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	1.2492e+02	4.1485e+02	3.5382e+01
1164	780	0.0000e+00	0.0000e+00	0.0000e+00	5.9994e+01	2.1571e+02	2.2669e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	4.8824e+01	2.1726e+02	3.5282e+01
	1454	0.0000e+00	0.0000e+00	0.0000e+00	5.5784e+01	2.8869e+02	4.0977e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	7.8549e+01	2.7916e+02	2.8687e+01
1165	779	0.0000e+00	0.0000e+00	0.0000e+00	3.0822e+01	1.4992e+02	1.7165e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	2.8454e+01	1.5062e+02	3.1252e+01
	1453	0.0000e+00	0.0000e+00	0.0000e+00	3.8413e+01	2.0524e+02	3.5210e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	4.7210e+01	1.9827e+02	2.1494e+01
1166	778	0.0000e+00	0.0000e+00	0.0000e+00	5.7178e+00	9.2653e+01	1.4188e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	8.3368e+00	9.1156e+01	2.9479e+01
	1452	0.0000e+00	0.0000e+00	0.0000e+00	1.8290e+01	1.3915e+02	3.0922e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	1.9911e+01	1.3497e+02	1.5840e+01
1167	777	0.0000e+00	0.0000e+00	0.0000e+00	-2.8613e+01	3.8017e+01	1.4379e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-1.9136e+01	3.2621e+01	3.1932e+01
	1451	0.0000e+00	0.0000e+00	0.0000e+00	-7.7023e+00	8.0824e+01	3.0342e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	-9.8858e+00	7.9055e+01	1.2469e+01
1168	776	0.0000e+00	0.0000e+00	0.0000e+00	-6.8651e+01	-2.5386e+01	1.8482e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-4.7417e+01	-3.5204e+01	3.9899e+01
	1450	0.0000e+00	0.0000e+00	0.0000e+00	-3.1599e+01	2.4339e+01	3.4386e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-4.1903e+01	2.4737e+01	1.2381e+01
1169	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.3042e+02	-1.1086e+02	2.7585e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-7.9606e+01	-1.3168e+02	5.4117e+01
	1449	0.0000e+00	0.0000e+00	0.0000e+00	-6.3657e+01	-4.0115e+01	4.2947e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-8.7790e+01	-3.8788e+01	1.6801e+01
1170	774	0.0000e+00	0.0000e+00	0.0000e+00	-2.5429e+02	-2.9607e+02	4.4360e+01
	1447	0.0000e+00	0.0000e+00	0.0000e+00	-8.1215e+01	-3.1669e+02	6.7836e+01
	1448	0.0000e+00	0.0000e+00	0.0000e+00	-9.9889e+01	-1.4328e+02	4.7365e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.6238e+02	-1.2141e+02	2.6221e+01
1171	21	0.0000e+00	0.0000e+00	0.0000e+00	-4.0136e+02	-1.6286e+03	-3.5588e+02
	1382	0.0000e+00	0.0000e+00	0.0000e+00	3.0923e+02	-1.8803e+02	-5.1684e+02
	1447	0.0000e+00	0.0000e+00	0.0000e+00	9.0893e+01	-5.6914e+02	-4.9437e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-4.0951e+02	-1.4779e+02	1.3335e+02
1172	1436	0.0000e+00	0.0000e+00	0.0000e+00	5.9809e+01	1.6117e+02	3.3652e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	9.7384e+01	2.5344e+01	3.4366e+01
	32	0.0000e+00	0.0000e+00	0.0000e+00	1.4649e+02	3.2742e+02	7.6725e+01
	1437	0.0000e+00	0.0000e+00	0.0000e+00	-5.8617e+01	7.0745e+01	9.2907e+01
1173	1435	0.0000e+00	0.0000e+00	0.0000e+00	4.5630e+01	1.1410e+02	7.7703e+00
	1445	0.0000e+00	0.0000e+00	0.0000e+00	5.7108e+01	2.5985e+01	2.0525e+01
	1446	0.0000e+00	0.0000e+00	0.0000e+00	9.1234e+01	2.3563e+02	2.6181e+01
	1436	0.0000e+00	0.0000e+00	0.0000e+00	-5.2294e+01	1.2690e+02	1.4702e+01
1174	1434	0.0000e+00	0.0000e+00	0.0000e+00	3.4760e+01	7.7604e+01	-1.0158e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	3.1850e+01	9.6076e+00	-1.4765e+01
	1445	0.0000e+00	0.0000e+00	0.0000e+00	5.5235e+01	1.7845e+02	-1.6770e+01
	1435	0.0000e+00	0.0000e+00	0.0000e+00	-3.5543e+01	9.9002e+01	-1.1269e+01
1175	1433	0.0000e+00	0.0000e+00	0.0000e+00	2.9083e+01	4.2778e+01	-9.6114e+00
	1443	0.0000e+00	0.0000e+00	0.0000e+00	1.8675e+01	-2.7749e+01	-1.2145e+01
	1444	0.0000e+00	0.0000e+00	0.0000e+00	3.2820e+01	1.3350e+02	-1.3947e+01
	1434	0.0000e+00	0.0000e+00	0.0000e+00	-2.7227e+01	6.4202e+01	-1.1291e+01
1176	1432	0.0000e+00	0.0000e+00	0.0000e+00	2.7661e+01	8.3261e+00	-8.1333e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	-1.4770e+01	-5.9335e+01	-1.0590e+01
	1443	0.0000e+00	0.0000e+00	0.0000e+00	2.0856e+01	9.5546e+01	-1.1989e+01
	1433	0.0000e+00	0.0000e+00	0.0000e+00	-2.3383e+01	2.8881e+01	-9.7972e+00
1177	1431	0.0000e+00	0.0000e+00	0.0000e+00	2.8819e+01	-2.9167e+01	-7.0363e+00
	1441	0.0000e+00	0.0000e+00	0.0000e+00	-1.7745e+01	-9.6515e+01	-9.6106e+00
	1442	0.0000e+00	0.0000e+00	0.0000e+00	1.5921e+01	6.2157e+01	-1.0035e+01



1432 0.0000e+00 0.0000e+00 0.0000e+00 -2.2110e+01 -8.0562e+00 -8.2068e+00

1178 1430 0.0000e+00 0.0000e+00 0.0000e+00 3.1390e+01 -6.7251e+01 -6.9464e+00  
1440 0.0000e+00 0.0000e+00 0.0000e+00 -2.7407e+01 -1.4024e+02 -8.8644e+00  
1441 0.0000e+00 0.0000e+00 0.0000e+00 -1.6792e+01 3.2018e+01 -8.1211e+00  
1431 0.0000e+00 0.0000e+00 0.0000e+00 -2.2986e+01 -4.4121e+01 -7.2501e+00

1179 1429 0.0000e+00 0.0000e+00 0.0000e+00 3.6325e+01 -1.0669e+02 -5.7291e+00  
1439 0.0000e+00 0.0000e+00 0.0000e+00 -4.6470e+01 -1.9272e+02 -7.5678e+00  
1440 0.0000e+00 0.0000e+00 0.0000e+00 -2.5753e+01 8.3285e+00 -6.5226e+00  
1430 0.0000e+00 0.0000e+00 0.0000e+00 -2.6532e+01 -8.2732e+01 -6.5843e+00

1180 1428 0.0000e+00 0.0000e+00 0.0000e+00 5.2126e+01 -1.3996e+02 8.9259e+00  
1438 0.0000e+00 0.0000e+00 0.0000e+00 -7.7162e+01 -2.5883e+02 1.2275e+01  
1439 0.0000e+00 0.0000e+00 0.0000e+00 -4.6077e+01 -2.3545e+01 -8.0570e+00  
1429 0.0000e+00 0.0000e+00 0.0000e+00 -3.3940e+01 -1.2505e+02 -2.0906e+00

1181 1427 0.0000e+00 0.0000e+00 0.0000e+00 8.0801e+01 -8.3804e+01 9.5377e+01  
31 0.0000e+00 0.0000e+00 0.0000e+00 -1.1146e+02 -3.5922e+02 6.5648e+01  
1438 0.0000e+00 0.0000e+00 0.0000e+00 -7.9005e+01 -2.6444e+01 1.8640e+01  
1428 0.0000e+00 0.0000e+00 0.0000e+00 5.2303e+01 -1.7881e+02 3.2514e+01

1182 1425 0.0000e+00 0.0000e+00 0.0000e+00 -4.7884e+01 8.9028e+01 1.9325e+00  
1436 0.0000e+00 0.0000e+00 0.0000e+00 -4.8209e+01 1.3515e+02 2.4999e+01  
1437 0.0000e+00 0.0000e+00 0.0000e+00 5.4152e+01 5.0456e+01 4.7654e+01  
1426 0.0000e+00 0.0000e+00 0.0000e+00 -4.2135e+01 5.1274e+01 2.4674e+01

1183 1424 0.0000e+00 0.0000e+00 0.0000e+00 -4.6639e+01 1.0145e+02 -1.1714e+01  
1435 0.0000e+00 0.0000e+00 0.0000e+00 -3.7574e+01 1.1762e+02 -1.5527e+01  
1436 0.0000e+00 0.0000e+00 0.0000e+00 -4.5929e+01 1.0644e+02 -4.5231e+00  
1425 0.0000e+00 0.0000e+00 0.0000e+00 -4.4996e+01 9.6978e+01 2.0676e+00

1184 1423 0.0000e+00 0.0000e+00 0.0000e+00 -3.5588e+01 7.6815e+01 -1.3687e+01  
1434 0.0000e+00 0.0000e+00 0.0000e+00 -3.0129e+01 8.4875e+01 -1.9698e+01  
1435 0.0000e+00 0.0000e+00 0.0000e+00 -3.6177e+01 8.6534e+01 -1.9339e+01  
1424 0.0000e+00 0.0000e+00 0.0000e+00 -4.0111e+01 9.5004e+01 -1.3500e+01

1185 1422 0.0000e+00 0.0000e+00 0.0000e+00 -2.8156e+01 4.2636e+01 -1.1745e+01  
1433 0.0000e+00 0.0000e+00 0.0000e+00 2.6274e+01 4.9884e+01 -1.8164e+01  
1434 0.0000e+00 0.0000e+00 0.0000e+00 -2.9063e+01 5.5882e+01 -2.0391e+01  
1423 0.0000e+00 0.0000e+00 0.0000e+00 -3.2112e+01 6.8012e+01 -1.3918e+01

1186 1421 0.0000e+00 0.0000e+00 0.0000e+00 2.7419e+01 6.0016e+00 -1.0401e+01  
1432 0.0000e+00 0.0000e+00 0.0000e+00 2.5810e+01 1.4639e+01 -1.6890e+01  
1433 0.0000e+00 0.0000e+00 0.0000e+00 -2.5696e+01 2.2196e+01 -1.8124e+01  
1422 0.0000e+00 0.0000e+00 0.0000e+00 -2.6900e+01 3.2906e+01 -1.1653e+01

1187 1420 0.0000e+00 0.0000e+00 0.0000e+00 3.3635e+01 -3.3202e+01 -1.0734e+01  
1431 0.0000e+00 0.0000e+00 0.0000e+00 2.8464e+01 -2.2002e+01 -1.7506e+01  
1432 0.0000e+00 0.0000e+00 0.0000e+00 2.5641e+01 -1.4235e+01 -1.6679e+01  
1421 0.0000e+00 0.0000e+00 0.0000e+00 2.8253e+01 -5.5547e+00 -1.0363e+01

1188 1419 0.0000e+00 0.0000e+00 0.0000e+00 4.4162e+01 -7.1480e+01 -1.2781e+01  
1430 0.0000e+00 0.0000e+00 0.0000e+00 3.3572e+01 -5.8320e+01 -1.9811e+01  
1431 0.0000e+00 0.0000e+00 0.0000e+00 2.8440e+01 -5.1355e+01 -1.7219e+01  
1420 0.0000e+00 0.0000e+00 0.0000e+00 3.6291e+01 -4.3822e+01 -1.0761e+01

1189 1418 0.0000e+00 0.0000e+00 0.0000e+00 5.5519e+01 -1.0323e+02 -1.2940e+01  
1429 0.0000e+00 0.0000e+00 0.0000e+00 4.1636e+01 -9.3444e+01 -1.9595e+01  
1430 0.0000e+00 0.0000e+00 0.0000e+00 3.3125e+01 -9.0430e+01 -1.8971e+01  
1419 0.0000e+00 0.0000e+00 0.0000e+00 4.9057e+01 -8.1972e+01 -1.2468e+01

1190 1417 0.0000e+00 0.0000e+00 0.0000e+00 6.0483e+01 -1.0943e+02 7.1685e+00  
1428 0.0000e+00 0.0000e+00 0.0000e+00 5.4343e+01 -1.1859e+02 -4.1083e+00  
1429 0.0000e+00 0.0000e+00 0.0000e+00 3.9666e+01 -1.2870e+02 -1.5650e+01  
1418 0.0000e+00 0.0000e+00 0.0000e+00 6.4533e+01 -1.1185e+02 -1.1070e+01

1191 1416 0.0000e+00 0.0000e+00 0.0000e+00 4.5185e+01 -6.4219e+01 2.7073e+01  
1427 0.0000e+00 0.0000e+00 0.0000e+00 4.3654e+01 -6.3256e+01 4.8145e+01  
1428 0.0000e+00 0.0000e+00 0.0000e+00 5.1772e+01 -1.5029e+02 2.4981e+01  
1417 0.0000e+00 0.0000e+00 0.0000e+00 6.6266e+01 -1.0277e+02 5.8109e+00

1192 1414 0.0000e+00 0.0000e+00 0.0000e+00 -4.1732e+01 7.5727e+01 -1.6158e+01  
1425 0.0000e+00 0.0000e+00 0.0000e+00 -4.3507e+01 7.9019e+01 8.7397e+00  
1426 0.0000e+00 0.0000e+00 0.0000e+00 -4.0171e+01 4.7078e+01 1.3761e+01  
1415 0.0000e+00 0.0000e+00 0.0000e+00 -3.3108e+01 4.0377e+01 -1.1446e+01

1193 1413 0.0000e+00 0.0000e+00 0.0000e+00 -4.7584e+01 9.8366e+01 -9.9190e+00  
1424 0.0000e+00 0.0000e+00 0.0000e+00 -4.3806e+01 9.5448e+01 -5.6812e+00

	1425	0.0000e+00	0.0000e+00	0.0000e+00	-4.4555e+01	9.4082e+01	-4.3577e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-4.4091e+01	8.8439e+01	-9.2569e+00
1194	1412	0.0000e+00	0.0000e+00	0.0000e+00	-3.7986e+01	8.1524e+01	-2.4976e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-3.5774e+01	7.7245e+01	-9.8960e+00
	1424	0.0000e+00	0.0000e+00	0.0000e+00	-4.3438e+01	9.3188e+01	-1.1931e+01
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-4.5921e+01	9.4822e+01	-3.4896e+00
1195	1411	0.0000e+00	0.0000e+00	0.0000e+00	-2.6497e+01	4.7220e+01	7.7455e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-2.7774e+01	4.4542e+01	-9.0709e+00
	1423	0.0000e+00	0.0000e+00	0.0000e+00	-3.4067e+01	6.6848e+01	-1.0806e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-3.5446e+01	7.0587e+01	4.3913e+00
1196	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.4900e+01	8.4308e+00	1.0523e+01
	1421	0.0000e+00	0.0000e+00	0.0000e+00	2.7009e+01	7.4907e+00	-8.2372e+00
	1422	0.0000e+00	0.0000e+00	0.0000e+00	-2.6943e+01	3.1880e+01	-8.6880e+00
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-2.5012e+01	3.4106e+01	8.8723e+00
1197	1409	0.0000e+00	0.0000e+00	0.0000e+00	3.5520e+01	-3.2886e+01	1.0939e+01
	1420	0.0000e+00	0.0000e+00	0.0000e+00	3.5203e+01	-3.1906e+01	-8.3123e+00
	1421	0.0000e+00	0.0000e+00	0.0000e+00	2.8214e+01	-6.7153e+00	-7.8783e+00
	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.5637e+01	-6.5923e+00	1.1071e+01
1198	1408	0.0000e+00	0.0000e+00	0.0000e+00	5.1879e+01	-7.2779e+01	9.4932e+00
	1419	0.0000e+00	0.0000e+00	0.0000e+00	4.8471e+01	-7.0184e+01	-9.8864e+00
	1420	0.0000e+00	0.0000e+00	0.0000e+00	3.7856e+01	-4.5402e+01	-8.1549e+00
	1409	0.0000e+00	0.0000e+00	0.0000e+00	3.7782e+01	-4.7057e+01	1.0951e+01
1199	1407	0.0000e+00	0.0000e+00	0.0000e+00	6.5788e+01	-1.0229e+02	7.3605e+00
	1418	0.0000e+00	0.0000e+00	0.0000e+00	6.1668e+01	-1.0147e+02	-1.0971e+01
	1419	0.0000e+00	0.0000e+00	0.0000e+00	5.1227e+01	-8.2098e+01	-8.9988e+00
	1408	0.0000e+00	0.0000e+00	0.0000e+00	5.4833e+01	-8.5669e+01	7.9920e+00
1200	1406	0.0000e+00	0.0000e+00	0.0000e+00	6.4357e+01	-1.0104e+02	-6.7633e+00
	1417	0.0000e+00	0.0000e+00	0.0000e+00	6.2893e+01	-1.0676e+02	-5.9639e+00
	1418	0.0000e+00	0.0000e+00	0.0000e+00	6.2220e+01	-1.0544e+02	-6.7100e+00
	1407	0.0000e+00	0.0000e+00	0.0000e+00	6.7798e+01	-1.0812e+02	-7.7585e+00
1201	1405	0.0000e+00	0.0000e+00	0.0000e+00	4.0202e+01	-5.4449e+01	-7.3435e+00
	1416	0.0000e+00	0.0000e+00	0.0000e+00	4.1624e+01	-6.0142e+01	1.6222e+01
	1417	0.0000e+00	0.0000e+00	0.0000e+00	6.0178e+01	-9.2618e+01	1.2716e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	6.1415e+01	-8.9738e+01	-1.2024e+01
1202	1403	0.0000e+00	0.0000e+00	0.0000e+00	-4.3075e+01	9.3711e+01	-4.4437e+01
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-4.1309e+01	7.5601e+01	-1.4840e+01
	1415	0.0000e+00	0.0000e+00	0.0000e+00	-3.0672e+01	4.1234e+01	-2.3818e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	-2.2312e+01	4.1378e+01	-5.3543e+01
1203	1402	0.0000e+00	0.0000e+00	0.0000e+00	-4.6538e+01	1.1611e+02	-8.1075e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-4.9519e+01	1.0138e+02	-3.6760e+00
	1414	0.0000e+00	0.0000e+00	0.0000e+00	-4.5341e+01	9.0510e+01	-2.0172e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-4.5172e+01	1.0847e+02	-2.4666e+01
1204	1401	0.0000e+00	0.0000e+00	0.0000e+00	-3.2990e+01	9.0637e+01	1.6925e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-3.9038e+01	8.4584e+01	5.5279e+00
	1413	0.0000e+00	0.0000e+00	0.0000e+00	-4.6594e+01	9.6302e+01	-5.5317e+00
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-4.7062e+01	1.1050e+02	7.0421e+00
1205	1400	0.0000e+00	0.0000e+00	0.0000e+00	-2.0824e+01	5.0960e+01	2.4661e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-2.5420e+01	4.8865e+01	1.0641e+01
	1412	0.0000e+00	0.0000e+00	0.0000e+00	-3.4886e+01	7.1357e+01	6.4206e+00
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-3.1531e+01	7.6865e+01	2.0680e+01
1206	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.8910e+01	1.0767e+01	2.6420e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.2929e+01	8.9529e+00	1.3435e+01
	1411	0.0000e+00	0.0000e+00	0.0000e+00	-2.3740e+01	3.4526e+01	1.1661e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-1.9464e+01	3.5838e+01	2.4815e+01
1207	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.7869e+01	-3.1844e+01	2.7827e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	3.3767e+01	-3.2915e+01	1.4555e+01
	1410	0.0000e+00	0.0000e+00	0.0000e+00	2.4285e+01	-6.6002e+00	1.3440e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.9562e+01	-6.5215e+00	2.6825e+01
1208	1397	0.0000e+00	0.0000e+00	0.0000e+00	4.4602e+01	-7.6477e+01	2.7220e+01
	1408	0.0000e+00	0.0000e+00	0.0000e+00	5.0633e+01	-7.3371e+01	1.2607e+01
	1409	0.0000e+00	0.0000e+00	0.0000e+00	3.7361e+01	-4.8094e+01	1.3544e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.9689e+01	-4.8054e+01	2.8542e+01
1209	1396	0.0000e+00	0.0000e+00	0.0000e+00	6.3138e+01	-1.1652e+02	1.6565e+01

	1407	0.0000e+00	0.0000e+00	0.0000e+00	6.5868e+01	-1.0391e+02	-7.2029e+00
	1408	0.0000e+00	0.0000e+00	0.0000e+00	5.6176e+01	-8.8273e+01	1.1639e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	4.5996e+01	-9.2422e+01	2.4391e+01
1210	1395	0.0000e+00	0.0000e+00	0.0000e+00	6.2993e+01	-1.2219e+02	-1.6194e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	6.6098e+01	-1.0374e+02	-1.4654e+01
	1407	0.0000e+00	0.0000e+00	0.0000e+00	6.9976e+01	-1.1120e+02	7.1265e+00
	1396	0.0000e+00	0.0000e+00	0.0000e+00	6.2397e+01	-1.2505e+02	-6.5773e+00
1211	1394	0.0000e+00	0.0000e+00	0.0000e+00	2.7822e+01	-5.8170e+01	-4.7629e+01
	1405	0.0000e+00	0.0000e+00	0.0000e+00	4.0173e+01	-5.6412e+01	-1.9473e+01
	1406	0.0000e+00	0.0000e+00	0.0000e+00	6.1224e+01	-9.0368e+01	-9.7698e+00
	1395	0.0000e+00	0.0000e+00	0.0000e+00	6.0605e+01	-1.0991e+02	-3.7081e+01
1212	1392	0.0000e+00	0.0000e+00	0.0000e+00	-5.3503e+01	1.5755e+02	-7.9038e+01
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-4.7963e+01	1.0338e+02	-3.7490e+01
	1404	0.0000e+00	0.0000e+00	0.0000e+00	-2.5647e+01	5.0754e+01	-7.3526e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	9.3573e+00	6.8355e+01	-1.1515e+02
1213	1391	0.0000e+00	0.0000e+00	0.0000e+00	-3.2676e+01	1.5131e+02	1.2340e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-5.4352e+01	1.3059e+02	3.3090e+00
	1403	0.0000e+00	0.0000e+00	0.0000e+00	-5.1950e+01	1.1776e+02	-3.8605e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-5.5142e+01	1.7635e+02	-2.9056e+01
1214	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.3579e+01	9.9038e+01	3.9683e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-3.3280e+01	9.6226e+01	2.0977e+01
	1402	0.0000e+00	0.0000e+00	0.0000e+00	-4.3416e+01	1.1571e+02	8.4538e+00
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-3.6132e+01	1.3852e+02	2.6722e+01
1215	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.2563e+01	5.1046e+01	3.7791e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-1.8141e+01	5.0732e+01	2.6069e+01
	1401	0.0000e+00	0.0000e+00	0.0000e+00	-2.7057e+01	7.9832e+01	2.5913e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-1.4528e+01	7.9707e+01	3.7644e+01
1216	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.3193e+01	1.2107e+01	3.5397e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.7039e+01	9.1667e+00	2.8071e+01
	1400	0.0000e+00	0.0000e+00	0.0000e+00	-1.7476e+01	3.8241e+01	2.8152e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	-1.2497e+01	3.4998e+01	3.5502e+01
1217	1387	0.0000e+00	0.0000e+00	0.0000e+00	1.3006e+01	-2.7767e+01	3.8377e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.3918e+01	-3.3824e+01	3.1202e+01
	1399	0.0000e+00	0.0000e+00	0.0000e+00	1.7166e+01	-4.7436e+00	2.8350e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.2831e+01	-5.3564e+00	3.5526e+01
1218	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.8162e+01	-7.5801e+01	4.4002e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	3.7392e+01	-7.9331e+01	3.2601e+01
	1398	0.0000e+00	0.0000e+00	0.0000e+00	2.5423e+01	-4.6877e+01	2.9636e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	1.2296e+01	-4.4745e+01	4.1056e+01
1219	1385	0.0000e+00	0.0000e+00	0.0000e+00	4.1428e+01	-1.4172e+02	3.6903e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	5.6369e+01	-1.2209e+02	1.8520e+01
	1397	0.0000e+00	0.0000e+00	0.0000e+00	4.4603e+01	-9.7103e+01	2.7904e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	1.6240e+01	-9.7322e+01	4.6780e+01
1220	1384	0.0000e+00	0.0000e+00	0.0000e+00	6.2425e+01	-1.9190e+02	-1.7417e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	6.7471e+01	-1.3264e+02	-2.9142e+01
	1396	0.0000e+00	0.0000e+00	0.0000e+00	6.8604e+01	-1.3959e+02	1.2205e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	3.6989e+01	-1.5799e+02	2.3501e+01
1221	1383	0.0000e+00	0.0000e+00	0.0000e+00	3.5831e+00	-9.1354e+01	-1.0901e+02
	1394	0.0000e+00	0.0000e+00	0.0000e+00	3.8728e+01	-7.0050e+01	-6.8257e+01
	1395	0.0000e+00	0.0000e+00	0.0000e+00	6.4555e+01	-1.2116e+02	-2.9058e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	5.9225e+01	-1.7821e+02	-6.9609e+01
1222	1381	0.0000e+00	0.0000e+00	0.0000e+00	-4.4093e+01	4.4324e+02	-9.6795e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-1.0414e+02	2.0093e+02	-3.2894e+01
	1393	0.0000e+00	0.0000e+00	0.0000e+00	-3.4400e+01	9.6210e+01	-1.5312e+02
	1382	0.0000e+00	0.0000e+00	0.0000e+00	2.9774e+01	9.3802e+01	-2.1729e+02
1223	1380	0.0000e+00	0.0000e+00	0.0000e+00	4.0996e+01	1.9509e+02	7.8053e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-5.0245e+01	1.8062e+02	2.0372e+01
	1392	0.0000e+00	0.0000e+00	0.0000e+00	-5.4764e+01	1.8771e+02	-2.8690e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-7.2632e+01	2.6758e+02	3.0149e+01
1224	1379	0.0000e+00	0.0000e+00	0.0000e+00	3.7293e+01	9.4012e+01	4.8674e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-7.8455e+00	9.9206e+01	3.5677e+01
	1391	0.0000e+00	0.0000e+00	0.0000e+00	-2.2112e+01	1.4648e+02	4.3281e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	3.2679e+01	1.3662e+02	5.6091e+01

1225	1378	0.0000e+00	0.0000e+00	0.0000e+00	2.3185e+01	4.3630e+01	3.2400e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.3651e+01	4.6201e+01	3.4023e+01
	1390	0.0000e+00	0.0000e+00	0.0000e+00	-9.6468e+00	8.4303e+01	4.2570e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	3.2282e+01	6.9951e+01	4.0904e+01
1226	1377	0.0000e+00	0.0000e+00	0.0000e+00	1.0367e+01	1.0778e+01	2.6840e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	1.2677e+01	8.1444e+00	3.2555e+01
	1389	0.0000e+00	0.0000e+00	0.0000e+00	1.2169e+01	3.8732e+01	3.5208e+01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	1.8926e+01	3.0470e+01	2.9505e+01
1227	1376	0.0000e+00	0.0000e+00	0.0000e+00	-1.7751e+01	-2.0993e+01	3.0843e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-1.0082e+01	-3.1211e+01	3.7267e+01
	1388	0.0000e+00	0.0000e+00	0.0000e+00	-1.1258e+01	4.0779e+00	3.2967e+01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-9.7382e+00	-3.0217e+00	2.6516e+01
1228	1375	0.0000e+00	0.0000e+00	0.0000e+00	-3.4608e+01	-6.3158e+01	4.4007e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	-7.0274e+00	-8.0476e+01	4.7783e+01
	1387	0.0000e+00	0.0000e+00	0.0000e+00	-9.9450e+00	-3.8831e+01	3.6970e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-2.2591e+01	-3.4631e+01	3.3138e+01
1229	1374	0.0000e+00	0.0000e+00	0.0000e+00	-4.2104e+01	-1.3557e+02	6.2473e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	2.2810e+01	-1.5034e+02	5.2885e+01
	1386	0.0000e+00	0.0000e+00	0.0000e+00	5.6585e+00	-9.5879e+01	4.1706e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-4.1205e+01	-8.8623e+01	5.1324e+01
1230	1373	0.0000e+00	0.0000e+00	0.0000e+00	5.8748e+01	-2.7806e+02	4.2330e+01
	1384	0.0000e+00	0.0000e+00	0.0000e+00	5.4048e+01	-2.0497e+02	-1.5608e+01
	1385	0.0000e+00	0.0000e+00	0.0000e+00	5.0309e+01	-1.8574e+02	2.9855e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-5.2623e+01	-1.9866e+02	8.5835e+01
1231	1372	0.0000e+00	0.0000e+00	0.0000e+00	-4.6574e+01	-1.2714e+02	-2.1421e+02
	1383	0.0000e+00	0.0000e+00	0.0000e+00	3.7189e+01	-1.2421e+02	-1.4928e+02
	1384	0.0000e+00	0.0000e+00	0.0000e+00	1.0847e+02	-2.2488e+02	-2.1814e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	2.4732e+01	-4.7524e+02	-8.6344e+01
1232	674	0.0000e+00	0.0000e+00	0.0000e+00	3.7321e+02	9.7429e+01	1.5134e+02
	1381	0.0000e+00	0.0000e+00	0.0000e+00	-6.1043e+01	6.1904e+02	-4.4947e+01
	1382	0.0000e+00	0.0000e+00	0.0000e+00	-3.2658e+02	2.1572e+02	-5.0650e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	3.6426e+02	1.6538e+03	-3.2769e+02
1233	673	0.0000e+00	0.0000e+00	0.0000e+00	1.6436e+02	1.4641e+02	2.6792e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	9.8812e+01	1.5577e+02	5.4389e+01
	1381	0.0000e+00	0.0000e+00	0.0000e+00	1.1257e+02	3.3225e+02	7.4206e+01
	674	0.0000e+00	0.0000e+00	0.0000e+00	2.2894e+02	3.0410e+02	4.6073e+01
1234	672	0.0000e+00	0.0000e+00	0.0000e+00	8.6462e+01	6.9834e+01	1.2464e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	6.4137e+01	7.6438e+01	3.7124e+01
	1380	0.0000e+00	0.0000e+00	0.0000e+00	7.9401e+01	1.5289e+02	5.3672e+01
	673	0.0000e+00	0.0000e+00	0.0000e+00	1.3251e+02	1.2782e+02	2.6811e+01
1235	671	0.0000e+00	0.0000e+00	0.0000e+00	4.0633e+01	3.2293e+01	-5.7875e+00
	1378	0.0000e+00	0.0000e+00	0.0000e+00	3.3754e+01	3.5008e+01	2.4111e+01
	1379	0.0000e+00	0.0000e+00	0.0000e+00	4.8871e+01	7.5275e+01	3.2602e+01
	672	0.0000e+00	0.0000e+00	0.0000e+00	6.9921e+01	6.1953e+01	1.2520e+01
1236	670	0.0000e+00	0.0000e+00	0.0000e+00	1.1160e+01	6.9869e+00	-2.2882e+00
	1377	0.0000e+00	0.0000e+00	0.0000e+00	1.1467e+01	6.1956e+00	1.8722e+01
	1378	0.0000e+00	0.0000e+00	0.0000e+00	2.2709e+01	3.3731e+01	2.1539e+01
	671	0.0000e+00	0.0000e+00	0.0000e+00	2.9907e+01	2.7643e+01	4.8949e+00
1237	669	0.0000e+00	0.0000e+00	0.0000e+00	-3.1562e+01	-1.8370e+01	1.6433e+00
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-2.2895e+01	-2.4269e+01	2.1155e+01
	1377	0.0000e+00	0.0000e+00	0.0000e+00	-1.1196e+01	5.1065e+00	1.8999e+01
	670	0.0000e+00	0.0000e+00	0.0000e+00	-1.1577e+01	3.3818e+00	-1.5684e+00
1238	668	0.0000e+00	0.0000e+00	0.0000e+00	-7.5614e+01	-5.5737e+01	8.2530e+00
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-5.3424e+01	-6.8761e+01	3.2492e+01
	1376	0.0000e+00	0.0000e+00	0.0000e+00	-3.5029e+01	-2.5569e+01	2.4564e+01
	669	0.0000e+00	0.0000e+00	0.0000e+00	-4.3369e+01	-2.2995e+01	-2.2805e+00
1239	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.4746e+02	-1.2837e+02	2.0188e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-9.2798e+01	-1.5288e+02	5.4546e+01
	1375	0.0000e+00	0.0000e+00	0.0000e+00	-7.1216e+01	-6.9726e+01	3.8603e+01
	668	0.0000e+00	0.0000e+00	0.0000e+00	-9.4698e+01	-6.3192e+01	6.7439e+00
1240	666	0.0000e+00	0.0000e+00	0.0000e+00	-2.5802e+02	-3.2066e+02	3.4499e+01
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-1.4593e+02	-3.4836e+02	7.7857e+01
	1374	0.0000e+00	0.0000e+00	0.0000e+00	-1.1760e+02	-1.5326e+02	5.9494e+01

	667	0.0000e+00	0.0000e+00	0.0000e+00	-1.8454e+02	-1.4541e+02	1.7090e+01
1241	20	0.0000e+00	0.0000e+00	0.0000e+00	-4.7529e+02	-1.7563e+03	-3.5260e+02
	1372	0.0000e+00	0.0000e+00	0.0000e+00	3.2945e+02	-2.6524e+02	-5.0721e+02
	1373	0.0000e+00	0.0000e+00	0.0000e+00	-4.8321e+01	-6.4934e+02	-4.2296e+01
	666	0.0000e+00	0.0000e+00	0.0000e+00	-4.1856e+02	-8.1055e+01	1.2294e+02
1242	1361	0.0000e+00	0.0000e+00	0.0000e+00	-3.5942e+01	1.7643e+02	3.5727e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	8.9990e+01	2.2793e+01	2.4945e+01
	30	0.0000e+00	0.0000e+00	0.0000e+00	1.2170e+02	3.5769e+02	7.3294e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-6.3185e+01	8.6113e+01	9.4366e+01
1243	1360	0.0000e+00	0.0000e+00	0.0000e+00	3.0327e+01	1.2225e+02	7.5769e+00
	1370	0.0000e+00	0.0000e+00	0.0000e+00	5.2922e+01	2.3478e+01	1.4915e+01
	1371	0.0000e+00	0.0000e+00	0.0000e+00	8.7476e+01	2.5534e+02	2.0539e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-3.2152e+01	1.3820e+02	1.4438e+01
1244	1359	0.0000e+00	0.0000e+00	0.0000e+00	2.2858e+01	8.1659e+01	-8.3452e+00
	1369	0.0000e+00	0.0000e+00	0.0000e+00	2.9251e+01	-2.4099e+00	-1.1224e+01
	1370	0.0000e+00	0.0000e+00	0.0000e+00	5.3474e+01	1.9024e+02	-1.2435e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-2.0801e+01	1.0528e+02	-9.0498e+00
1245	1358	0.0000e+00	0.0000e+00	0.0000e+00	1.8334e+01	4.4206e+01	-8.0323e+00
	1368	0.0000e+00	0.0000e+00	0.0000e+00	1.6109e+01	-2.7429e+01	-1.0750e+01
	1369	0.0000e+00	0.0000e+00	0.0000e+00	3.2157e+01	1.3884e+02	-1.1695e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-1.6521e+01	6.6859e+01	-8.9943e+00
1246	1357	0.0000e+00	0.0000e+00	0.0000e+00	1.6854e+01	8.4865e+00	-7.7067e+00
	1367	0.0000e+00	0.0000e+00	0.0000e+00	9.5402e+00	-5.6733e+01	-1.1245e+01
	1368	0.0000e+00	0.0000e+00	0.0000e+00	2.0124e+01	9.5877e+01	-1.1516e+01
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-1.4029e+01	2.9641e+01	-8.1957e+00
1247	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.6775e+01	-2.6357e+01	-8.6747e+00
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-8.5830e+00	-8.8609e+01	-1.2006e+01
	1367	0.0000e+00	0.0000e+00	0.0000e+00	1.2852e+01	5.9085e+01	-1.1325e+01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-1.2084e+01	-5.9380e+00	-8.2232e+00
1248	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.6382e+01	-6.0511e+01	-1.0818e+01
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-1.6954e+01	-1.2435e+02	-1.2151e+01
	1366	0.0000e+00	0.0000e+00	0.0000e+00	-8.1021e+00	2.7184e+01	-1.0964e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	-1.1357e+01	-3.9917e+01	-9.7330e+00
1249	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.5924e+01	-9.3504e+01	-1.1126e+01
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-3.5775e+01	-1.6625e+02	-9.4160e+00
	1365	0.0000e+00	0.0000e+00	0.0000e+00	-1.4600e+01	-2.8375e+00	-9.5875e+00
	1355	0.0000e+00	0.0000e+00	0.0000e+00	-1.2728e+01	-7.3399e+01	-1.1379e+01
1250	1353	0.0000e+00	0.0000e+00	0.0000e+00	2.3460e+01	-1.1825e+02	1.9504e+00
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-6.5260e+01	-2.1939e+02	2.5596e+00
	1364	0.0000e+00	0.0000e+00	0.0000e+00	-3.5435e+01	-2.2614e+01	-5.6988e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	-1.5338e+01	-1.0799e+02	-6.8720e+00
1251	1352	0.0000e+00	0.0000e+00	0.0000e+00	5.8257e+01	-5.3369e+01	8.4128e+01
	29	0.0000e+00	0.0000e+00	0.0000e+00	-6.8291e+01	-3.0503e+02	5.8731e+01
	1363	0.0000e+00	0.0000e+00	0.0000e+00	-6.7039e+01	-2.0032e+01	-4.5397e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	1.9279e+01	-1.5146e+02	2.3156e+01
1252	1350	0.0000e+00	0.0000e+00	0.0000e+00	-5.0739e+01	1.0221e+02	4.5015e+00
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-3.2504e+01	1.4957e+02	2.5562e+01
	1362	0.0000e+00	0.0000e+00	0.0000e+00	-2.9981e+01	6.3874e+01	4.9216e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-3.0399e+01	6.4310e+01	2.7777e+01
1253	1349	0.0000e+00	0.0000e+00	0.0000e+00	-4.8743e+01	1.0980e+02	-9.5890e+00
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-2.3033e+01	1.2650e+02	-1.4832e+01
	1361	0.0000e+00	0.0000e+00	0.0000e+00	-3.5013e+01	1.1618e+02	-4.7982e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-4.4179e+01	1.0839e+02	3.5776e+00
1254	1348	0.0000e+00	0.0000e+00	0.0000e+00	-3.3703e+01	8.0494e+01	-1.1085e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-1.7543e+01	8.9014e+01	-1.8172e+01
	1360	0.0000e+00	0.0000e+00	0.0000e+00	-2.4360e+01	9.1869e+01	-1.8633e+01
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-4.0020e+01	1.0174e+02	-1.1579e+01
1255	1347	0.0000e+00	0.0000e+00	0.0000e+00	-2.0284e+01	4.3114e+01	-9.2906e+00
	1358	0.0000e+00	0.0000e+00	0.0000e+00	-1.3342e+01	5.0896e+01	-1.6798e+01
	1359	0.0000e+00	0.0000e+00	0.0000e+00	-1.7650e+01	5.7772e+01	-1.9152e+01
	1348	0.0000e+00	0.0000e+00	0.0000e+00	-2.8835e+01	7.0416e+01	-1.1596e+01
1256	1346	0.0000e+00	0.0000e+00	0.0000e+00	-1.1216e+01	5.0565e+00	-8.9009e+00
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-1.1235e+01	1.4354e+01	-1.6529e+01

	1358	0.0000e+00	0.0000e+00	0.0000e+00	-1.2962e+01	2.2234e+01	-1.7219e+01
	1347	0.0000e+00	0.0000e+00	0.0000e+00	-1.7206e+01	3.2704e+01	-9.6072e+00
1257	1345	0.0000e+00	0.0000e+00	0.0000e+00	1.4473e+01	-3.1847e+01	-1.1071e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.2652e+01	-2.0404e+01	-1.8626e+01
	1357	0.0000e+00	0.0000e+00	0.0000e+00	-1.0859e+01	-1.2964e+01	-1.6912e+01
	1346	0.0000e+00	0.0000e+00	0.0000e+00	-1.0564e+01	-5.2263e+00	-9.4973e+00
1258	1344	0.0000e+00	0.0000e+00	0.0000e+00	2.4944e+01	-6.5914e+01	-1.5256e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.6179e+01	-5.3110e+01	-2.2357e+01
	1356	0.0000e+00	0.0000e+00	0.0000e+00	1.2215e+01	-4.7471e+01	-1.8962e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	1.7122e+01	-4.1603e+01	-1.1967e+01
1259	1343	0.0000e+00	0.0000e+00	0.0000e+00	3.5071e+01	-9.1076e+01	-1.7114e+01
	1354	0.0000e+00	0.0000e+00	0.0000e+00	2.1146e+01	-8.2086e+01	-2.3339e+01
	1355	0.0000e+00	0.0000e+00	0.0000e+00	1.4866e+01	-8.1141e+01	-2.2075e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	2.9682e+01	-7.4716e+01	-1.5881e+01
1260	1342	0.0000e+00	0.0000e+00	0.0000e+00	3.7446e+01	-8.9424e+01	-4.8106e+00
	1353	0.0000e+00	0.0000e+00	0.0000e+00	3.0584e+01	-9.9061e+01	-8.0670e+00
	1354	0.0000e+00	0.0000e+00	0.0000e+00	1.7591e+01	-1.1165e+02	-1.9946e+01
	1343	0.0000e+00	0.0000e+00	0.0000e+00	4.3749e+01	-9.7292e+01	-1.6126e+01
1261	1341	0.0000e+00	0.0000e+00	0.0000e+00	2.0581e+01	-3.7444e+01	1.6791e+01
	1352	0.0000e+00	0.0000e+00	0.0000e+00	-1.2705e+01	-3.5408e+01	3.9016e+01
	1353	0.0000e+00	0.0000e+00	0.0000e+00	2.5366e+01	-1.2396e+02	1.8187e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.3391e+01	-8.0470e+01	-4.9139e+00
1262	1339	0.0000e+00	0.0000e+00	0.0000e+00	-5.1072e+01	8.8508e+01	-1.0962e+01
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-4.5409e+01	9.1671e+01	1.1981e+01
	1351	0.0000e+00	0.0000e+00	0.0000e+00	-2.7671e+01	5.9650e+01	1.6827e+01
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-2.9704e+01	5.3343e+01	-6.2871e+00
1263	1338	0.0000e+00	0.0000e+00	0.0000e+00	-5.7389e+01	1.0667e+02	-4.5535e+00
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-4.7765e+01	1.0366e+02	-3.1760e+00
	1350	0.0000e+00	0.0000e+00	0.0000e+00	-4.8510e+01	1.0536e+02	-1.6927e+00
	1339	0.0000e+00	0.0000e+00	0.0000e+00	-5.3671e+01	9.9731e+01	-3.2215e+00
1264	1337	0.0000e+00	0.0000e+00	0.0000e+00	-4.3973e+01	8.4384e+01	4.6896e+00
	1348	0.0000e+00	0.0000e+00	0.0000e+00	-3.7039e+01	8.0664e+01	-7.0272e+00
	1349	0.0000e+00	0.0000e+00	0.0000e+00	-4.7447e+01	9.9697e+01	-9.0807e+00
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-5.5256e+01	1.0104e+02	1.9295e+00
1265	1336	0.0000e+00	0.0000e+00	0.0000e+00	-2.5267e+01	4.6101e+01	9.3328e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	-2.2568e+01	4.4525e+01	-6.2632e+00
	1348	0.0000e+00	0.0000e+00	0.0000e+00	-3.4153e+01	6.8858e+01	-7.8830e+00
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-4.0873e+01	7.1748e+01	6.9697e+00
1266	1335	0.0000e+00	0.0000e+00	0.0000e+00	-9.9277e+00	5.5010e+00	9.7020e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	-1.0985e+01	6.0165e+00	-6.0892e+00
	1347	0.0000e+00	0.0000e+00	0.0000e+00	-1.9359e+01	3.1124e+01	-6.0612e+00
	1336	0.0000e+00	0.0000e+00	0.0000e+00	-2.2452e+01	3.2065e+01	9.4118e+00
1267	1334	0.0000e+00	0.0000e+00	0.0000e+00	1.6605e+01	-3.3821e+01	7.4583e+00
	1345	0.0000e+00	0.0000e+00	0.0000e+00	1.5737e+01	-3.1300e+01	-7.8891e+00
	1346	0.0000e+00	0.0000e+00	0.0000e+00	-1.0228e+01	-7.1715e+00	-6.2353e+00
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-8.7715e+00	-8.3459e+00	9.1562e+00
1268	1333	0.0000e+00	0.0000e+00	0.0000e+00	3.3739e+01	-6.9477e+01	3.6798e+00
	1344	0.0000e+00	0.0000e+00	0.0000e+00	2.9388e+01	-6.5348e+01	-1.1975e+01
	1345	0.0000e+00	0.0000e+00	0.0000e+00	1.8629e+01	-4.3895e+01	-8.5171e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	1.9171e+01	-4.6986e+01	6.4105e+00
1269	1332	0.0000e+00	0.0000e+00	0.0000e+00	4.6887e+01	-9.2231e+01	-5.7554e+00
	1343	0.0000e+00	0.0000e+00	0.0000e+00	4.1563e+01	-8.9966e+01	-1.5075e+01
	1344	0.0000e+00	0.0000e+00	0.0000e+00	3.2120e+01	-7.5592e+01	-1.1588e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	3.6883e+01	-8.0416e+01	-3.2979e+00
1270	1331	0.0000e+00	0.0000e+00	0.0000e+00	4.3911e+01	-8.3010e+01	-1.1971e+01
	1342	0.0000e+00	0.0000e+00	0.0000e+00	4.0796e+01	-8.7299e+01	-9.1404e+00
	1343	0.0000e+00	0.0000e+00	0.0000e+00	4.1691e+01	-9.1829e+01	-9.5406e+00
	1332	0.0000e+00	0.0000e+00	0.0000e+00	4.9092e+01	-9.5460e+01	-1.2354e+01
1271	1330	0.0000e+00	0.0000e+00	0.0000e+00	1.7642e+01	-2.9035e+01	-1.6661e+01
	1341	0.0000e+00	0.0000e+00	0.0000e+00	1.5458e+01	-3.4216e+01	6.9951e+00
	1342	0.0000e+00	0.0000e+00	0.0000e+00	3.7257e+01	-7.1256e+01	4.0352e+00
	1331	0.0000e+00	0.0000e+00	0.0000e+00	4.1342e+01	-6.9464e+01	-2.0232e+01
1272	1328	0.0000e+00	0.0000e+00	0.0000e+00	-5.5585e+01	1.0769e+02	-3.7082e+01

	1339	0.0000e+00	0.0000e+00	0.0000e+00	-5.1819e+01	8.8602e+01	-8.5925e+00
	1340	0.0000e+00	0.0000e+00	0.0000e+00	-3.0575e+01	5.4731e+01	-1.8694e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-2.2107e+01	5.5583e+01	-4.7146e+01
1273	1327	0.0000e+00	0.0000e+00	0.0000e+00	-5.7403e+01	1.2388e+02	1.1435e+00
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-6.0968e+01	1.0965e+02	2.6543e+00
	1339	0.0000e+00	0.0000e+00	0.0000e+00	-5.7146e+01	1.0211e+02	-1.3857e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-5.7621e+01	1.2043e+02	-1.5883e+01
1274	1326	0.0000e+00	0.0000e+00	0.0000e+00	-4.0019e+01	9.1588e+01	2.3542e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-4.6891e+01	8.7048e+01	9.7408e+00
	1338	0.0000e+00	0.0000e+00	0.0000e+00	-5.6945e+01	1.0245e+02	7.2304e-01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-5.7891e+01	1.1563e+02	1.4577e+01
1275	1325	0.0000e+00	0.0000e+00	0.0000e+00	-2.1521e+01	4.7204e+01	2.8363e+01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	-2.6300e+01	4.7085e+01	1.2537e+01
	1337	0.0000e+00	0.0000e+00	0.0000e+00	-4.0975e+01	7.2154e+01	1.0544e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-3.8358e+01	7.5759e+01	2.6447e+01
1276	1324	0.0000e+00	0.0000e+00	0.0000e+00	-7.5321e+00	4.8179e+00	2.6796e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-9.4057e+00	5.2750e+00	1.2713e+01
	1336	0.0000e+00	0.0000e+00	0.0000e+00	-2.1901e+01	3.1916e+01	1.3339e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-1.9080e+01	3.0980e+01	2.7495e+01
1277	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.2943e+01	-3.5732e+01	2.4813e+01
	1334	0.0000e+00	0.0000e+00	0.0000e+00	1.5942e+01	-3.4620e+01	1.1069e+01
	1335	0.0000e+00	0.0000e+00	0.0000e+00	-7.9862e+00	-9.0264e+00	1.2361e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-6.1604e+00	-1.0715e+01	2.6184e+01
1278	1322	0.0000e+00	0.0000e+00	0.0000e+00	3.0994e+01	-7.5999e+01	2.0811e+01
	1333	0.0000e+00	0.0000e+00	0.0000e+00	3.3799e+01	-7.0757e+01	6.2665e+00
	1334	0.0000e+00	0.0000e+00	0.0000e+00	2.0058e+01	-4.8765e+01	9.6447e+00
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.5234e+01	-5.0907e+01	2.4503e+01
1279	1321	0.0000e+00	0.0000e+00	0.0000e+00	4.9159e+01	-1.0854e+02	7.0353e+00
	1332	0.0000e+00	0.0000e+00	0.0000e+00	4.8514e+01	-9.4362e+01	-6.7803e+00
	1333	0.0000e+00	0.0000e+00	0.0000e+00	3.9529e+01	-8.3688e+01	5.0324e+00
	1322	0.0000e+00	0.0000e+00	0.0000e+00	3.2767e+01	-8.9796e+01	1.7005e+01
1280	1320	0.0000e+00	0.0000e+00	0.0000e+00	4.8312e+01	-1.0497e+02	-2.4945e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	4.7298e+01	-8.5919e+01	-2.2158e+01
	1332	0.0000e+00	0.0000e+00	0.0000e+00	5.2396e+01	-9.9020e+01	-5.4188e+00
	1321	0.0000e+00	0.0000e+00	0.0000e+00	4.8944e+01	-1.1413e+02	-7.9291e+00
1281	1319	0.0000e+00	0.0000e+00	0.0000e+00	1.0522e+01	-3.2683e+01	-5.7333e+01
	1330	0.0000e+00	0.0000e+00	0.0000e+00	2.0198e+01	-3.0876e+01	-2.8475e+01
	1331	0.0000e+00	0.0000e+00	0.0000e+00	4.2042e+01	-7.0455e+01	-1.7662e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	4.6476e+01	-9.0173e+01	-4.4642e+01
1282	1317	0.0000e+00	0.0000e+00	0.0000e+00	-6.0080e+01	1.7477e+02	-7.0369e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-6.0397e+01	1.1824e+02	-2.9163e+01
	1329	0.0000e+00	0.0000e+00	0.0000e+00	-3.4266e+01	6.6654e+01	-6.7680e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-3.2837e+00	8.6323e+01	-1.0888e+02
1283	1316	0.0000e+00	0.0000e+00	0.0000e+00	-3.7207e+01	1.5770e+02	2.2391e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-6.5172e+01	1.3844e+02	1.0445e+01
	1328	0.0000e+00	0.0000e+00	0.0000e+00	-6.4065e+01	1.3053e+02	-2.9564e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-6.2554e+01	1.9008e+02	-1.7707e+01
1284	1315	0.0000e+00	0.0000e+00	0.0000e+00	-1.3723e+01	9.6991e+01	4.7308e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-4.0249e+01	9.6450e+01	2.7435e+01
	1327	0.0000e+00	0.0000e+00	0.0000e+00	-5.2675e+01	1.2098e+02	1.6739e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-4.1289e+01	1.4163e+02	3.6575e+01
1285	1314	0.0000e+00	0.0000e+00	0.0000e+00	-5.8009e+00	4.3945e+01	4.1749e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-1.8409e+01	4.6028e+01	2.9589e+01
	1326	0.0000e+00	0.0000e+00	0.0000e+00	-3.2280e+01	7.8454e+01	3.2189e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-1.5275e+01	7.5383e+01	4.4348e+01
1286	1313	0.0000e+00	0.0000e+00	0.0000e+00	-4.0941e+00	2.8724e+00	3.5911e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-6.0604e+00	2.3314e+00	2.8380e+01
	1325	0.0000e+00	0.0000e+00	0.0000e+00	-1.6110e+01	3.2838e+01	3.1156e+01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-6.0469e+00	2.6788e+01	3.8693e+01
1287	1312	0.0000e+00	0.0000e+00	0.0000e+00	3.3857e+00	-3.5029e+01	3.5518e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.0822e+01	-3.8474e+01	2.8198e+01
	1324	0.0000e+00	0.0000e+00	0.0000e+00	-5.6119e+00	-9.0584e+00	2.8023e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-4.0180e+00	-1.2176e+01	3.5346e+01

1288	1311	0.0000e+00	0.0000e+00	0.0000e+00	1.0994e+01	-7.8728e+01	3.7578e+01
	1322	0.0000e+00	0.0000e+00	0.0000e+00	2.5917e+01	-7.9415e+01	2.6185e+01
	1323	0.0000e+00	0.0000e+00	0.0000e+00	1.2967e+01	-5.0625e+01	2.6009e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	3.1235e+00	-5.0990e+01	3.7407e+01
1289	1310	0.0000e+00	0.0000e+00	0.0000e+00	3.5477e+01	-1.3603e+02	2.7092e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	4.5045e+01	-1.1433e+02	8.9416e+00
	1322	0.0000e+00	0.0000e+00	0.0000e+00	3.3649e+01	-9.5242e+01	2.1048e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	9.7734e+00	-9.7883e+01	3.9396e+01
1290	1309	0.0000e+00	0.0000e+00	0.0000e+00	5.6253e+01	-1.7359e+02	-2.7086e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	5.4668e+01	-1.1515e+02	-3.7832e+01
	1321	0.0000e+00	0.0000e+00	0.0000e+00	5.7074e+01	-1.2866e+02	2.9679e+00
	1310	0.0000e+00	0.0000e+00	0.0000e+00	3.2070e+01	-1.4897e+02	1.3006e+01
1291	1308	0.0000e+00	0.0000e+00	0.0000e+00	-5.5782e+00	-6.6113e+01	-1.1767e+02
	1319	0.0000e+00	0.0000e+00	0.0000e+00	2.9088e+01	-4.3396e+01	-7.7182e+01
	1320	0.0000e+00	0.0000e+00	0.0000e+00	5.1704e+01	-1.0178e+02	-3.8285e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	5.3823e+01	-1.5595e+02	-7.8757e+01
1292	1306	0.0000e+00	0.0000e+00	0.0000e+00	-2.9774e+01	4.7090e+02	-8.7612e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-1.1003e+02	2.2062e+02	-2.2296e+01
	1318	0.0000e+00	0.0000e+00	0.0000e+00	-3.8412e+01	1.1777e+02	-1.4896e+02
	1307	0.0000e+00	0.0000e+00	0.0000e+00	3.6980e+01	1.1804e+02	-2.1431e+02
1293	1305	0.0000e+00	0.0000e+00	0.0000e+00	4.9334e+01	1.9935e+02	8.8203e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-5.2471e+01	1.8642e+02	2.9981e+01
	1317	0.0000e+00	0.0000e+00	0.0000e+00	-5.7074e+01	2.0273e+02	-1.6118e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	-6.4916e+01	2.8008e+02	4.2416e+01
1294	1304	0.0000e+00	0.0000e+00	0.0000e+00	4.0437e+01	8.8367e+01	5.3843e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-2.3445e+00	9.5788e+01	4.2490e+01
	1316	0.0000e+00	0.0000e+00	0.0000e+00	-2.3615e+01	1.5002e+02	5.3367e+01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	3.9255e+01	1.3596e+02	6.4677e+01
1295	1303	0.0000e+00	0.0000e+00	0.0000e+00	2.1887e+01	3.3421e+01	3.4705e+01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	5.6675e+00	3.7934e+01	3.7650e+01
	1315	0.0000e+00	0.0000e+00	0.0000e+00	-2.0037e+00	7.9893e+01	4.8805e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	3.3999e+01	6.2377e+01	4.5847e+01
1296	1302	0.0000e+00	0.0000e+00	0.0000e+00	3.5191e+00	-1.3240e+00	2.6968e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	3.5468e+00	-2.5197e+00	3.3170e+01
	1314	0.0000e+00	0.0000e+00	0.0000e+00	-3.0023e+00	3.0123e+01	3.7999e+01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	1.6445e+01	1.9489e+01	3.1799e+01
1297	1301	0.0000e+00	0.0000e+00	0.0000e+00	-1.6060e+01	-3.1306e+01	2.8747e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-3.8497e+00	-3.9149e+01	3.4845e+01
	1313	0.0000e+00	0.0000e+00	0.0000e+00	-4.9181e+00	-8.1335e+00	3.2721e+01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-3.4693e+00	-1.1704e+01	2.6621e+01
1298	1300	0.0000e+00	0.0000e+00	0.0000e+00	-3.2454e+01	-6.9550e+01	3.9085e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	-2.0986e+00	-8.3765e+01	4.1911e+01
	1312	0.0000e+00	0.0000e+00	0.0000e+00	-7.4130e+00	-4.6127e+01	3.3691e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-2.1132e+01	-4.4085e+01	3.0855e+01
1299	1299	0.0000e+00	0.0000e+00	0.0000e+00	-3.6799e+01	-1.3374e+02	5.3833e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	2.0261e+01	-1.4457e+02	4.3181e+01
	1311	0.0000e+00	0.0000e+00	0.0000e+00	-1.0665e+00	-9.7661e+01	3.5209e+01
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-3.8164e+01	-9.2759e+01	4.5862e+01
1300	1298	0.0000e+00	0.0000e+00	0.0000e+00	6.3070e+01	-2.6075e+02	3.0187e+01
	1309	0.0000e+00	0.0000e+00	0.0000e+00	5.0763e+01	-1.8606e+02	-2.4886e+01
	1310	0.0000e+00	0.0000e+00	0.0000e+00	4.7805e+01	-1.7672e+02	2.0598e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-4.5531e+01	-1.9152e+02	7.5515e+01
1301	1297	0.0000e+00	0.0000e+00	0.0000e+00	-4.6101e+01	-9.4373e+01	-2.1545e+02
	1308	0.0000e+00	0.0000e+00	0.0000e+00	4.7047e+01	-9.4715e+01	-1.5239e+02
	1309	0.0000e+00	0.0000e+00	0.0000e+00	1.0199e+02	-2.0247e+02	-3.2838e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	2.7922e+01	-4.3899e+02	-9.5875e+01
1302	557	0.0000e+00	0.0000e+00	0.0000e+00	4.1393e+02	8.9951e+01	1.3967e+02
	1306	0.0000e+00	0.0000e+00	0.0000e+00	3.2337e+01	6.4975e+02	-3.9179e+01
	1307	0.0000e+00	0.0000e+00	0.0000e+00	-3.2849e+02	2.5022e+02	-5.1100e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	4.0482e+02	1.7436e+03	-3.3755e+02
1303	556	0.0000e+00	0.0000e+00	0.0000e+00	1.8400e+02	1.4559e+02	2.0206e+01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	1.1358e+02	1.5539e+02	6.1932e+01
	1306	0.0000e+00	0.0000e+00	0.0000e+00	1.3184e+02	3.4924e+02	8.2851e+01



	557	0.0000e+00	0.0000e+00	0.0000e+00	2.5793e+02	3.1822e+02	4.0657e+01
1304	555	0.0000e+00	0.0000e+00	0.0000e+00	9.5392e+01	6.1752e+01	7.9794e+00
	1304	0.0000e+00	0.0000e+00	0.0000e+00	7.0701e+01	6.9100e+01	4.1050e+01
	1305	0.0000e+00	0.0000e+00	0.0000e+00	9.0403e+01	1.5318e+02	5.8542e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	1.4779e+02	1.2630e+02	2.4170e+01
1305	554	0.0000e+00	0.0000e+00	0.0000e+00	4.3611e+01	2.0691e+01	-3.2159e+00
	1303	0.0000e+00	0.0000e+00	0.0000e+00	3.4866e+01	2.3960e+01	2.6018e+01
	1304	0.0000e+00	0.0000e+00	0.0000e+00	5.3102e+01	6.7847e+01	3.5095e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	7.6438e+01	5.3435e+01	1.0699e+01
1306	553	0.0000e+00	0.0000e+00	0.0000e+00	7.1860e+00	-5.8713e+00	-1.6307e+00
	1302	0.0000e+00	0.0000e+00	0.0000e+00	6.7670e+00	-6.2976e+00	1.9184e+01
	1303	0.0000e+00	0.0000e+00	0.0000e+00	2.2087e+01	2.2612e+01	2.2489e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	3.1355e+01	1.5814e+01	3.5228e+00
1307	552	0.0000e+00	0.0000e+00	0.0000e+00	-2.7470e+01	-3.0022e+01	8.2244e-01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-2.0190e+01	-3.4974e+01	2.0106e+01
	1302	0.0000e+00	0.0000e+00	0.0000e+00	-5.3921e+00	-7.4514e+00	1.8650e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	-4.5133e+00	-9.4839e+00	-1.1980e+00
1308	551	0.0000e+00	0.0000e+00	0.0000e+00	-6.9176e+01	-6.3523e+01	6.1023e+00
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-4.9270e+01	-7.5226e+01	2.9345e+01
	1301	0.0000e+00	0.0000e+00	0.0000e+00	-3.2169e+01	-3.5905e+01	2.2550e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-3.8979e+01	-3.4215e+01	-9.1103e-01
1309	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.3406e+02	-1.2791e+02	1.6253e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-8.3333e+01	-1.5034e+02	4.8367e+01
	1300	0.0000e+00	0.0000e+00	0.0000e+00	-6.5235e+01	-7.5595e+01	3.4204e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-8.6483e+01	-7.0133e+01	2.6797e+00
1310	549	0.0000e+00	0.0000e+00	0.0000e+00	-2.3192e+02	-3.0216e+02	2.6999e+01
	1298	0.0000e+00	0.0000e+00	0.0000e+00	-1.2375e+02	-3.2695e+02	6.7603e+01
	1299	0.0000e+00	0.0000e+00	0.0000e+00	-1.0438e+02	-1.5024e+02	5.1671e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.6722e+02	-1.4367e+02	1.1243e+01
1311	18	0.0000e+00	0.0000e+00	0.0000e+00	-3.8369e+02	-1.6521e+03	-3.3833e+02
	1297	0.0000e+00	0.0000e+00	0.0000e+00	3.2757e+02	-2.1956e+02	-5.0034e+02
	1298	0.0000e+00	0.0000e+00	0.0000e+00	1.4697e+01	-6.1170e+02	-4.8524e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-3.8028e+02	-7.1485e+01	1.1462e+02
1312	1286	0.0000e+00	0.0000e+00	0.0000e+00	-1.9398e+01	1.5148e+02	2.3164e+01
	1296	0.0000e+00	0.0000e+00	0.0000e+00	6.7032e+01	2.0004e+01	-4.5884e+00
	27	0.0000e+00	0.0000e+00	0.0000e+00	6.8342e+01	3.0510e+02	5.8726e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	-5.8333e+01	5.3389e+01	8.4140e+01
1313	1285	0.0000e+00	0.0000e+00	0.0000e+00	1.5370e+01	1.0799e+02	-6.8608e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	3.5432e+01	2.2567e+01	-5.6995e+00
	1296	0.0000e+00	0.0000e+00	0.0000e+00	6.5256e+01	2.1943e+02	2.5700e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	-2.3560e+01	1.1825e+02	1.9424e+00
1314	1284	0.0000e+00	0.0000e+00	0.0000e+00	1.2750e+01	7.3379e+01	-1.1366e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	1.4609e+01	2.8280e+00	-9.5764e+00
	1295	0.0000e+00	0.0000e+00	0.0000e+00	3.5773e+01	1.6626e+02	-9.4114e+00
	1285	0.0000e+00	0.0000e+00	0.0000e+00	-1.6000e+01	9.3491e+01	-1.1117e+01
1315	1283	0.0000e+00	0.0000e+00	0.0000e+00	1.1377e+01	3.9886e+01	-9.7149e+00
	1293	0.0000e+00	0.0000e+00	0.0000e+00	8.1364e+00	-2.7237e+01	-1.0946e+01
	1294	0.0000e+00	0.0000e+00	0.0000e+00	1.6958e+01	1.2434e+02	-1.2139e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	-1.6443e+01	6.0485e+01	-1.0804e+01
1316	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.2100e+01	5.9027e+00	-8.2035e+00
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-1.2880e+01	-5.9132e+01	-1.1304e+01
	1293	0.0000e+00	0.0000e+00	0.0000e+00	8.6051e+00	8.8577e+01	-1.1988e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-1.6827e+01	2.6323e+01	-8.6557e+00
1317	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.4044e+01	-2.9676e+01	-8.1770e+00
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-2.0143e+01	-9.5912e+01	-1.1494e+01
	1292	0.0000e+00	0.0000e+00	0.0000e+00	-9.5687e+00	5.6687e+01	-1.1223e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	-1.6902e+01	-8.5230e+00	-7.6864e+00
1318	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.6543e+01	-6.6887e+01	-8.9762e+00
	1290	0.0000e+00	0.0000e+00	0.0000e+00	-3.2169e+01	-1.3885e+02	-1.1678e+01
	1291	0.0000e+00	0.0000e+00	0.0000e+00	-1.6131e+01	2.7374e+01	-1.0732e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	-1.8380e+01	-4.4239e+01	-8.0121e+00
1319	1279	0.0000e+00	0.0000e+00	0.0000e+00	2.0841e+01	-1.0529e+02	-9.0374e+00
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-5.3479e+01	-1.9022e+02	-1.2437e+01

	1290	0.0000e+00	0.0000e+00	0.0000e+00	-2.9267e+01	2.4171e+00	-1.1219e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	-2.2904e+01	-8.1683e+01	-8.3253e+00
1320	1278	0.0000e+00	0.0000e+00	0.0000e+00	3.2208e+01	-1.3819e+02	1.4461e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-8.7477e+01	-2.5528e+02	2.0571e+01
	1289	0.0000e+00	0.0000e+00	0.0000e+00	-5.2932e+01	-2.3538e+01	1.4934e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	-3.0381e+01	-1.2225e+02	7.5791e+00
1321	1277	0.0000e+00	0.0000e+00	0.0000e+00	6.3148e+01	-8.6080e+01	9.4388e+01
	26	0.0000e+00	0.0000e+00	0.0000e+00	-1.2178e+02	-3.5757e+02	7.3331e+01
	1288	0.0000e+00	0.0000e+00	0.0000e+00	-9.0003e+01	-2.2850e+01	2.4987e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	3.6027e+01	-1.7641e+02	3.5750e+01
1322	1275	0.0000e+00	0.0000e+00	0.0000e+00	-4.3462e+01	8.0479e+01	-4.9093e+00
	1286	0.0000e+00	0.0000e+00	0.0000e+00	-2.5456e+01	1.2398e+02	1.8191e+01
	1287	0.0000e+00	0.0000e+00	0.0000e+00	1.2795e+01	3.5426e+01	3.9023e+01
	1276	0.0000e+00	0.0000e+00	0.0000e+00	-2.0662e+01	3.7459e+01	1.6800e+01
1323	1274	0.0000e+00	0.0000e+00	0.0000e+00	-4.3816e+01	9.7289e+01	-1.6119e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	-1.7672e+01	1.1164e+02	-1.9943e+01
	1286	0.0000e+00	0.0000e+00	0.0000e+00	-3.0665e+01	9.9063e+01	-8.0643e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	-3.7518e+01	8.9429e+01	-4.8087e+00
1324	1273	0.0000e+00	0.0000e+00	0.0000e+00	-2.9747e+01	7.4699e+01	-1.5870e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	-1.4936e+01	8.1124e+01	-2.2067e+01
	1285	0.0000e+00	0.0000e+00	0.0000e+00	-2.1221e+01	8.2072e+01	-2.3335e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	-3.5138e+01	9.1068e+01	-1.7107e+01
1325	1272	0.0000e+00	0.0000e+00	0.0000e+00	-1.7190e+01	4.1577e+01	-1.1952e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-1.2278e+01	4.7442e+01	-1.8947e+01
	1284	0.0000e+00	0.0000e+00	0.0000e+00	-1.6247e+01	5.3084e+01	-2.2347e+01
	1273	0.0000e+00	0.0000e+00	0.0000e+00	-2.5010e+01	6.5894e+01	-1.5245e+01
1326	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.0617e+01	5.1958e+00	-9.4778e+00
	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.0909e+01	1.2929e+01	-1.6890e+01
	1283	0.0000e+00	0.0000e+00	0.0000e+00	-1.2714e+01	2.0371e+01	-1.8610e+01
	1272	0.0000e+00	0.0000e+00	0.0000e+00	-1.4542e+01	3.1819e+01	-1.1055e+01
1327	1270	0.0000e+00	0.0000e+00	0.0000e+00	1.7205e+01	-3.2734e+01	-9.5826e+00
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.2990e+01	-2.2270e+01	-1.7192e+01
	1282	0.0000e+00	0.0000e+00	0.0000e+00	1.1284e+01	-1.4389e+01	-1.6507e+01
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.1254e+01	-5.0873e+00	-8.8805e+00
1328	1269	0.0000e+00	0.0000e+00	0.0000e+00	2.8813e+01	-7.0440e+01	-1.1565e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.7667e+01	-5.7803e+01	-1.9118e+01
	1281	0.0000e+00	0.0000e+00	0.0000e+00	1.3372e+01	-5.0927e+01	-1.6770e+01
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.0275e+01	-4.3142e+01	-9.2649e+00
1329	1268	0.0000e+00	0.0000e+00	0.0000e+00	3.9988e+01	-1.0175e+02	-1.1541e+01
	1279	0.0000e+00	0.0000e+00	0.0000e+00	2.4376e+01	-9.1888e+01	-1.8594e+01
	1280	0.0000e+00	0.0000e+00	0.0000e+00	1.7567e+01	-8.9034e+01	-1.8138e+01
	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.3677e+01	-8.0515e+01	-1.1053e+01
1330	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.4144e+01	-1.0839e+02	3.6010e+00
	1278	0.0000e+00	0.0000e+00	0.0000e+00	3.5021e+01	-1.1618e+02	-4.7735e+00
	1279	0.0000e+00	0.0000e+00	0.0000e+00	2.3063e+01	-1.2650e+02	-1.4792e+01
	1268	0.0000e+00	0.0000e+00	0.0000e+00	4.8705e+01	-1.0980e+02	-9.5520e+00
1331	1266	0.0000e+00	0.0000e+00	0.0000e+00	3.0380e+01	-6.4290e+01	2.7802e+01
	1277	0.0000e+00	0.0000e+00	0.0000e+00	3.0046e+01	-6.3848e+01	4.9244e+01
	1278	0.0000e+00	0.0000e+00	0.0000e+00	3.2534e+01	-1.4955e+02	2.5595e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	5.0692e+01	-1.0219e+02	4.5199e+00
1332	1264	0.0000e+00	0.0000e+00	0.0000e+00	-4.1399e+01	6.9472e+01	-2.0223e+01
	1275	0.0000e+00	0.0000e+00	0.0000e+00	-3.7327e+01	7.1264e+01	4.0427e+00
	1276	0.0000e+00	0.0000e+00	0.0000e+00	-1.5541e+01	3.4229e+01	7.0021e+00
	1265	0.0000e+00	0.0000e+00	0.0000e+00	-1.7708e+01	2.9048e+01	-1.6652e+01
1333	1263	0.0000e+00	0.0000e+00	0.0000e+00	-4.9147e+01	9.5457e+01	-1.2344e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	-4.1756e+01	9.1825e+01	-9.5341e+00
	1275	0.0000e+00	0.0000e+00	0.0000e+00	-4.0865e+01	8.7305e+01	-9.1345e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	-4.3969e+01	8.3014e+01	-1.1962e+01
1334	1262	0.0000e+00	0.0000e+00	0.0000e+00	-3.6937e+01	8.0403e+01	-3.2949e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	-3.2184e+01	7.5577e+01	-1.1578e+01
	1274	0.0000e+00	0.0000e+00	0.0000e+00	-4.1628e+01	8.9959e+01	-1.5067e+01
	1263	0.0000e+00	0.0000e+00	0.0000e+00	-4.6941e+01	9.2225e+01	-5.7476e+00
1335	1261	0.0000e+00	0.0000e+00	0.0000e+00	-1.9232e+01	4.6964e+01	6.4251e+00

	1272	0.0000e+00	0.0000e+00	0.0000e+00	-1.8697e+01	4.3870e+01	-8.5035e+00
	1273	0.0000e+00	0.0000e+00	0.0000e+00	-2.9452e+01	6.5330e+01	-1.1963e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	-3.3794e+01	6.9461e+01	3.6889e+00
1336	1260	0.0000e+00	0.0000e+00	0.0000e+00	8.8142e+00	8.3197e+00	9.1747e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.0280e+01	7.1421e+00	-6.2187e+00
	1272	0.0000e+00	0.0000e+00	0.0000e+00	-1.5807e+01	3.1274e+01	-7.8739e+00
	1261	0.0000e+00	0.0000e+00	0.0000e+00	-1.6668e+01	3.3797e+01	7.4737e+00
1337	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.2429e+01	-3.2091e+01	9.4335e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	1.9348e+01	-3.1153e+01	-6.0402e+00
	1271	0.0000e+00	0.0000e+00	0.0000e+00	1.1019e+01	-6.0454e+00	-6.0719e+00
	1260	0.0000e+00	0.0000e+00	0.0000e+00	9.9535e+00	-5.5271e+00	9.7212e+00
1338	1258	0.0000e+00	0.0000e+00	0.0000e+00	4.0831e+01	-7.1769e+01	6.9933e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.4120e+01	-6.8881e+01	-7.8541e+00
	1270	0.0000e+00	0.0000e+00	0.0000e+00	2.2549e+01	-4.4552e+01	-6.2407e+00
	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.5239e+01	-4.6125e+01	9.3549e+00
1339	1257	0.0000e+00	0.0000e+00	0.0000e+00	5.5202e+01	-1.0105e+02	1.9512e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	4.7403e+01	-9.9708e+01	-9.0465e+00
	1269	0.0000e+00	0.0000e+00	0.0000e+00	3.7004e+01	-8.0683e+01	-6.9969e+00
	1258	0.0000e+00	0.0000e+00	0.0000e+00	4.3928e+01	-8.4401e+01	4.7119e+00
1340	1256	0.0000e+00	0.0000e+00	0.0000e+00	5.3608e+01	-9.9729e+01	-3.1962e+00
	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.8459e+01	-1.0535e+02	-1.6535e+00
	1268	0.0000e+00	0.0000e+00	0.0000e+00	4.7721e+01	-1.0367e+02	-3.1410e+00
	1257	0.0000e+00	0.0000e+00	0.0000e+00	5.7332e+01	-1.0668e+02	-4.5266e+00
1341	1255	0.0000e+00	0.0000e+00	0.0000e+00	2.9647e+01	-5.3332e+01	-6.2626e+00
	1266	0.0000e+00	0.0000e+00	0.0000e+00	2.7648e+01	-5.9635e+01	1.6851e+01
	1267	0.0000e+00	0.0000e+00	0.0000e+00	4.5361e+01	-9.1662e+01	1.2008e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	5.1005e+01	-8.8501e+01	-1.0936e+01
1342	1253	0.0000e+00	0.0000e+00	0.0000e+00	-4.6514e+01	9.0184e+01	-4.6451e+01
	1264	0.0000e+00	0.0000e+00	0.0000e+00	-4.2096e+01	7.0465e+01	-1.7652e+01
	1265	0.0000e+00	0.0000e+00	0.0000e+00	-2.0257e+01	3.0889e+01	-2.8467e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	-1.0568e+01	3.2698e+01	-5.7324e+01
1343	1252	0.0000e+00	0.0000e+00	0.0000e+00	-4.8981e+01	1.1413e+02	-7.9171e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	-5.2446e+01	9.9019e+01	-5.4110e+00
	1264	0.0000e+00	0.0000e+00	0.0000e+00	-4.7351e+01	8.5925e+01	-2.2148e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-4.8351e+01	1.0498e+02	-2.4932e+01
1344	1251	0.0000e+00	0.0000e+00	0.0000e+00	-3.2805e+01	8.9784e+01	1.7019e+01
	1262	0.0000e+00	0.0000e+00	0.0000e+00	-3.9579e+01	8.3675e+01	5.0440e+00
	1263	0.0000e+00	0.0000e+00	0.0000e+00	-4.8564e+01	9.4357e+01	-6.7709e+00
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-4.9196e+01	1.0853e+02	7.0491e+00
1345	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.5282e+01	5.0887e+01	2.4517e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	-2.0115e+01	4.8744e+01	9.6590e+00
	1262	0.0000e+00	0.0000e+00	0.0000e+00	-3.3850e+01	7.0742e+01	6.2800e+00
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-3.1034e+01	7.5983e+01	2.0825e+01
1346	1249	0.0000e+00	0.0000e+00	0.0000e+00	6.1918e+00	1.0691e+01	2.6200e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	8.0296e+00	9.0012e+00	1.2378e+01
	1261	0.0000e+00	0.0000e+00	0.0000e+00	-1.6003e+01	3.4598e+01	1.1085e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.2994e+01	3.5710e+01	2.4828e+01
1347	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.9054e+01	-3.1004e+01	2.7512e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.1876e+01	-3.1941e+01	1.3359e+01
	1260	0.0000e+00	0.0000e+00	0.0000e+00	9.4243e+00	-5.2995e+00	1.2732e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	7.5448e+00	-4.8410e+00	2.6813e+01
1348	1247	0.0000e+00	0.0000e+00	0.0000e+00	3.8316e+01	-7.5780e+01	2.6464e+01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	4.0932e+01	-7.2174e+01	1.0566e+01
	1259	0.0000e+00	0.0000e+00	0.0000e+00	2.6269e+01	-4.7108e+01	1.2559e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	2.1491e+01	-4.7226e+01	2.8380e+01
1349	1246	0.0000e+00	0.0000e+00	0.0000e+00	5.7837e+01	-1.1564e+02	1.4593e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	5.6889e+01	-1.0246e+02	7.4177e-01
	1258	0.0000e+00	0.0000e+00	0.0000e+00	4.6844e+01	-8.7065e+01	9.7639e+00
	1247	0.0000e+00	0.0000e+00	0.0000e+00	3.9975e+01	-9.1605e+01	2.3558e+01
1350	1245	0.0000e+00	0.0000e+00	0.0000e+00	5.7555e+01	-1.2043e+02	-1.5870e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	5.7079e+01	-1.0211e+02	-1.3835e+01
	1257	0.0000e+00	0.0000e+00	0.0000e+00	6.0909e+01	-1.0965e+02	2.6762e+00
	1246	0.0000e+00	0.0000e+00	0.0000e+00	5.7346e+01	-1.2388e+02	1.1521e+00

1351	1244	0.0000e+00	0.0000e+00	0.0000e+00	2.2039e+01	-5.5574e+01	-4.7131e+01
	1255	0.0000e+00	0.0000e+00	0.0000e+00	3.0511e+01	-5.4722e+01	-1.8672e+01
	1256	0.0000e+00	0.0000e+00	0.0000e+00	5.1751e+01	-8.8596e+01	-8.5707e+00
	1245	0.0000e+00	0.0000e+00	0.0000e+00	5.5516e+01	-1.0769e+02	-3.7067e+01
1352	1242	0.0000e+00	0.0000e+00	0.0000e+00	-5.3840e+01	1.5597e+02	-7.8744e+01
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-5.1739e+01	1.0179e+02	-3.8273e+01
	1254	0.0000e+00	0.0000e+00	0.0000e+00	-2.9124e+01	4.3415e+01	-7.7175e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	5.5580e+00	6.6139e+01	-1.1766e+02
1353	1241	0.0000e+00	0.0000e+00	0.0000e+00	-3.2087e+01	1.4896e+02	1.3020e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-5.7105e+01	1.2866e+02	2.9775e+00
	1253	0.0000e+00	0.0000e+00	0.0000e+00	-5.4700e+01	1.1516e+02	-3.7818e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-5.6273e+01	1.7360e+02	-2.7071e+01
1354	1240	0.0000e+00	0.0000e+00	0.0000e+00	-9.8000e+00	9.7870e+01	3.9406e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-3.3682e+01	9.5229e+01	2.1061e+01
	1252	0.0000e+00	0.0000e+00	0.0000e+00	-4.5077e+01	1.1433e+02	8.9557e+00
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-3.5496e+01	1.3603e+02	2.7104e+01
1355	1239	0.0000e+00	0.0000e+00	0.0000e+00	-3.1597e+00	5.0972e+01	3.7418e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.3010e+01	5.0606e+01	2.6022e+01
	1251	0.0000e+00	0.0000e+00	0.0000e+00	-2.5953e+01	7.9401e+01	2.6198e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	-1.1022e+01	7.8713e+01	3.7588e+01
1356	1238	0.0000e+00	0.0000e+00	0.0000e+00	4.0294e+00	1.2153e+01	3.5357e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	5.6351e+00	9.0352e+00	2.8037e+01
	1250	0.0000e+00	0.0000e+00	0.0000e+00	-1.0869e+01	3.8454e+01	2.8212e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	-3.4227e+00	3.5009e+01	3.5529e+01
1357	1237	0.0000e+00	0.0000e+00	0.0000e+00	6.0322e+00	-2.6812e+01	3.8705e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.6084e+01	-3.2862e+01	3.1171e+01
	1249	0.0000e+00	0.0000e+00	0.0000e+00	6.0763e+00	-2.3514e+00	2.8395e+01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	4.1054e+00	-2.8920e+00	3.5924e+01
1358	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.5237e+01	-7.5405e+01	4.4360e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	3.2239e+01	-7.8474e+01	3.2204e+01
	1248	0.0000e+00	0.0000e+00	0.0000e+00	1.8380e+01	-4.6051e+01	2.9606e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	5.7849e+00	-4.3968e+01	4.1762e+01
1359	1235	0.0000e+00	0.0000e+00	0.0000e+00	4.1243e+01	-1.4164e+02	3.6582e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	5.2623e+01	-1.2100e+02	1.6751e+01
	1247	0.0000e+00	0.0000e+00	0.0000e+00	4.0206e+01	-9.6468e+01	2.7450e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.3683e+01	-9.7011e+01	4.7319e+01
1360	1234	0.0000e+00	0.0000e+00	0.0000e+00	6.2496e+01	-1.9008e+02	-1.7705e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	6.4001e+01	-1.3053e+02	-2.9554e+01
	1246	0.0000e+00	0.0000e+00	0.0000e+00	6.5117e+01	-1.3844e+02	1.0458e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	3.7160e+01	-1.5771e+02	2.2394e+01
1361	1233	0.0000e+00	0.0000e+00	0.0000e+00	3.2113e+00	-8.6307e+01	-1.0887e+02
	1244	0.0000e+00	0.0000e+00	0.0000e+00	3.4192e+01	-6.6643e+01	-6.7666e+01
	1245	0.0000e+00	0.0000e+00	0.0000e+00	6.0328e+01	-1.1823e+02	-2.9152e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	6.0023e+01	-1.7476e+02	-7.0366e+01
1362	1231	0.0000e+00	0.0000e+00	0.0000e+00	-2.7918e+01	4.3901e+02	-9.5858e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-1.0200e+02	2.0249e+02	-3.2824e+01
	1243	0.0000e+00	0.0000e+00	0.0000e+00	-4.7063e+01	9.4746e+01	-1.5238e+02
	1232	0.0000e+00	0.0000e+00	0.0000e+00	4.6111e+01	9.4416e+01	-2.1544e+02
1363	1230	0.0000e+00	0.0000e+00	0.0000e+00	4.5521e+01	1.9151e+02	7.5520e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-4.7817e+01	1.7671e+02	2.0609e+01
	1242	0.0000e+00	0.0000e+00	0.0000e+00	-5.0773e+01	1.8607e+02	-2.4868e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-6.3071e+01	2.6075e+02	3.0199e+01
1364	1229	0.0000e+00	0.0000e+00	0.0000e+00	3.8141e+01	9.2745e+01	4.5865e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	1.0860e+00	9.7647e+01	3.5218e+01
	1241	0.0000e+00	0.0000e+00	0.0000e+00	-2.0278e+01	1.4457e+02	4.3191e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	3.6786e+01	1.3373e+02	5.3837e+01
1365	1228	0.0000e+00	0.0000e+00	0.0000e+00	2.1103e+01	4.4067e+01	3.0859e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	7.3960e+00	4.6108e+01	3.3700e+01
	1240	0.0000e+00	0.0000e+00	0.0000e+00	2.1010e+00	8.3751e+01	4.1919e+01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	3.2430e+01	6.9536e+01	3.9089e+01
1366	1227	0.0000e+00	0.0000e+00	0.0000e+00	3.4488e+00	1.1683e+01	2.6628e+01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	4.9092e+00	8.1109e+00	3.2731e+01
	1239	0.0000e+00	0.0000e+00	0.0000e+00	3.8475e+00	3.9130e+01	3.4854e+01

	1228	0.0000e+00	0.0000e+00	0.0000e+00	1.6030e+01	3.1288e+01	2.8753e+01
1367	1226	0.0000e+00	0.0000e+00	0.0000e+00	-1.6486e+01	-1.9512e+01	3.1807e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	3.0280e+00	-3.0146e+01	3.8010e+01
	1238	0.0000e+00	0.0000e+00	0.0000e+00	-3.5828e+00	2.4970e+00	3.3181e+01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-3.5503e+00	1.3011e+00	2.6975e+01
1368	1225	0.0000e+00	0.0000e+00	0.0000e+00	-3.4043e+01	-6.2400e+01	4.5857e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	1.9928e+00	-7.9915e+01	4.8816e+01
	1237	0.0000e+00	0.0000e+00	0.0000e+00	-5.7093e+00	-3.7958e+01	3.7661e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-2.1929e+01	-3.3443e+01	3.4714e+01
1369	1224	0.0000e+00	0.0000e+00	0.0000e+00	-3.9299e+01	-1.3598e+02	6.4684e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	2.3571e+01	-1.5004e+02	5.3374e+01
	1236	0.0000e+00	0.0000e+00	0.0000e+00	2.3091e+00	-9.5810e+01	4.2500e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-4.0482e+01	-8.8390e+01	5.3853e+01
1370	1223	0.0000e+00	0.0000e+00	0.0000e+00	6.4883e+01	-2.8009e+02	4.2410e+01
	1234	0.0000e+00	0.0000e+00	0.0000e+00	5.7028e+01	-2.0273e+02	-1.6121e+01
	1235	0.0000e+00	0.0000e+00	0.0000e+00	5.2429e+01	-1.8644e+02	2.9986e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-4.9379e+01	-1.9937e+02	8.8208e+01
1371	1222	0.0000e+00	0.0000e+00	0.0000e+00	-3.7043e+01	-1.1800e+02	-2.1432e+02
	1233	0.0000e+00	0.0000e+00	0.0000e+00	3.8347e+01	-1.1775e+02	-1.4895e+02
	1234	0.0000e+00	0.0000e+00	0.0000e+00	1.0998e+02	-2.2061e+02	-2.2296e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	2.9771e+01	-4.7089e+02	-8.7622e+01
1372	440	0.0000e+00	0.0000e+00	0.0000e+00	3.8027e+02	7.1456e+01	1.1458e+02
	1231	0.0000e+00	0.0000e+00	0.0000e+00	-1.4777e+01	6.1171e+02	-4.8524e+01
	1232	0.0000e+00	0.0000e+00	0.0000e+00	-3.2760e+02	2.1962e+02	-5.0032e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	3.8390e+02	1.6522e+03	-3.3837e+02
1373	439	0.0000e+00	0.0000e+00	0.0000e+00	1.6719e+02	1.4366e+02	1.1241e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	1.0437e+02	1.5022e+02	5.1674e+01
	1231	0.0000e+00	0.0000e+00	0.0000e+00	1.2377e+02	3.2695e+02	6.7599e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	2.3189e+02	3.0217e+02	2.6986e+01
1374	438	0.0000e+00	0.0000e+00	0.0000e+00	8.6439e+01	7.0122e+01	2.6859e+00
	1229	0.0000e+00	0.0000e+00	0.0000e+00	6.5209e+01	7.5581e+01	3.4206e+01
	1230	0.0000e+00	0.0000e+00	0.0000e+00	8.3316e+01	1.5033e+02	4.8364e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	1.3402e+02	1.2791e+02	1.6247e+01
1375	437	0.0000e+00	0.0000e+00	0.0000e+00	3.8927e+01	3.4200e+01	-9.1285e-01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	3.2134e+01	3.5887e+01	2.2554e+01
	1229	0.0000e+00	0.0000e+00	0.0000e+00	4.9241e+01	7.5212e+01	2.9345e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	6.9128e+01	6.3514e+01	6.0994e+00
1376	436	0.0000e+00	0.0000e+00	0.0000e+00	4.4509e+00	9.4669e+00	-1.2033e+00
	1227	0.0000e+00	0.0000e+00	0.0000e+00	5.3563e+00	7.4302e+00	1.8655e+01
	1228	0.0000e+00	0.0000e+00	0.0000e+00	2.0154e+01	3.4956e+01	2.0108e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	2.7416e+01	3.0007e+01	8.2135e-01
1377	435	0.0000e+00	0.0000e+00	0.0000e+00	-3.1414e+01	-1.5836e+01	3.5376e+00
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-2.2132e+01	-2.2635e+01	2.2498e+01
	1227	0.0000e+00	0.0000e+00	0.0000e+00	-6.8053e+00	6.2765e+00	1.9190e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	-7.2286e+00	5.8548e+00	-1.6417e+00
1378	434	0.0000e+00	0.0000e+00	0.0000e+00	-7.6507e+01	-5.3455e+01	1.0717e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-5.3150e+01	-6.7871e+01	3.5106e+01
	1226	0.0000e+00	0.0000e+00	0.0000e+00	-3.4912e+01	-2.3983e+01	2.6026e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-4.3674e+01	-2.0713e+01	-3.2390e+00
1379	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.4786e+02	-1.2632e+02	2.4195e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-9.0451e+01	-1.5320e+02	5.8557e+01
	1225	0.0000e+00	0.0000e+00	0.0000e+00	-7.0751e+01	-6.9124e+01	4.1058e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-9.5462e+01	-6.1775e+01	8.0099e+00
1380	432	0.0000e+00	0.0000e+00	0.0000e+00	-2.5801e+02	-3.1822e+02	4.0699e+01
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-1.3187e+02	-3.4925e+02	8.2864e+01
	1224	0.0000e+00	0.0000e+00	0.0000e+00	-1.1363e+02	-1.5542e+02	6.1936e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.8407e+02	-1.4562e+02	2.0245e+01
1381	15	0.0000e+00	0.0000e+00	0.0000e+00	-4.0475e+02	-1.7435e+03	-3.3752e+02
	1222	0.0000e+00	0.0000e+00	0.0000e+00	3.2840e+02	-2.5017e+02	-5.1102e+02
	1223	0.0000e+00	0.0000e+00	0.0000e+00	-3.2437e+01	-6.4975e+02	-3.9180e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-4.1399e+02	-9.0014e+01	1.3976e+02
1382	1211	0.0000e+00	0.0000e+00	0.0000e+00	-5.2364e+01	1.7892e+02	3.2442e+01
	1221	0.0000e+00	0.0000e+00	0.0000e+00	7.9103e+01	2.6479e+01	1.8828e+01

	25	0.0000e+00	0.0000e+00	0.0000e+00	1.1170e+02	3.5947e+02	6.5600e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-8.0861e+01	8.3917e+01	9.5307e+01
1383	1210	0.0000e+00	0.0000e+00	0.0000e+00	3.3963e+01	1.2511e+02	-1.9074e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.6163e+01	2.3486e+01	-8.2407e+00
	1221	0.0000e+00	0.0000e+00	0.0000e+00	7.7258e+01	2.5901e+02	1.2368e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	-5.2173e+01	1.4004e+02	8.8520e+00
1384	1209	0.0000e+00	0.0000e+00	0.0000e+00	2.6544e+01	8.2765e+01	-6.5870e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.5859e+01	-8.2160e+00	-6.6543e+00
	1220	0.0000e+00	0.0000e+00	0.0000e+00	4.6556e+01	1.9283e+02	-7.7404e+00
	1210	0.0000e+00	0.0000e+00	0.0000e+00	-3.6352e+01	1.0675e+02	-5.8144e+00
1385	1208	0.0000e+00	0.0000e+00	0.0000e+00	2.3006e+01	4.4128e+01	-7.1967e+00
	1218	0.0000e+00	0.0000e+00	0.0000e+00	1.6953e+01	-3.2031e+01	-8.1613e+00
	1219	0.0000e+00	0.0000e+00	0.0000e+00	2.7509e+01	1.4030e+02	-8.9606e+00
	1209	0.0000e+00	0.0000e+00	0.0000e+00	-3.1425e+01	6.7272e+01	-6.9725e+00
1386	1207	0.0000e+00	0.0000e+00	0.0000e+00	2.2153e+01	8.0351e+00	-8.1201e+00
	1217	0.0000e+00	0.0000e+00	0.0000e+00	-1.6130e+01	-6.2183e+01	-1.0030e+01
	1218	0.0000e+00	0.0000e+00	0.0000e+00	1.7900e+01	9.6530e+01	-9.6414e+00
	1208	0.0000e+00	0.0000e+00	0.0000e+00	-2.8878e+01	2.9166e+01	-6.9925e+00
1387	1206	0.0000e+00	0.0000e+00	0.0000e+00	2.3465e+01	-2.8886e+01	-9.7339e+00
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-2.1080e+01	-9.5560e+01	-1.1979e+01
	1217	0.0000e+00	0.0000e+00	0.0000e+00	1.5000e+01	5.9307e+01	-1.0581e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	-2.7762e+01	-8.3143e+00	-8.0710e+00
1388	1205	0.0000e+00	0.0000e+00	0.0000e+00	2.7364e+01	-6.4201e+01	-1.1288e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-3.3053e+01	-1.3348e+02	-1.3966e+01
	1216	0.0000e+00	0.0000e+00	0.0000e+00	-1.8943e+01	2.7661e+01	-1.2134e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	-2.9243e+01	-4.2779e+01	-9.5860e+00
1389	1204	0.0000e+00	0.0000e+00	0.0000e+00	3.5752e+01	-9.8978e+01	-1.1336e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-5.5506e+01	-1.7837e+02	-1.6845e+01
	1215	0.0000e+00	0.0000e+00	0.0000e+00	-3.2123e+01	-9.4046e+00	-1.4792e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	-3.4995e+01	-7.7588e+01	-1.0195e+01
1390	1203	0.0000e+00	0.0000e+00	0.0000e+00	5.2603e+01	-1.2684e+02	1.4707e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-9.1612e+01	-2.3548e+02	2.6292e+01
	1214	0.0000e+00	0.0000e+00	0.0000e+00	-5.7421e+01	-2.5947e+01	2.0624e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	-4.5981e+01	-1.1404e+02	7.8283e+00
1391	1143	0.0000e+00	0.0000e+00	0.0000e+00	5.8621e+01	-7.0670e+01	9.2759e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	-1.4772e+02	-3.2730e+02	7.6719e+01
	1213	0.0000e+00	0.0000e+00	0.0000e+00	-9.7823e+01	-2.5266e+01	3.4615e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	-6.0382e+01	-1.6109e+02	3.3586e+01
1392	1201	0.0000e+00	0.0000e+00	0.0000e+00	-6.6307e+01	1.0285e+02	5.6369e+00
	1211	0.0000e+00	0.0000e+00	0.0000e+00	-5.1796e+01	1.5039e+02	2.4867e+01
	1212	0.0000e+00	0.0000e+00	0.0000e+00	-4.3675e+01	6.3353e+01	4.8073e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	-4.5216e+01	6.4298e+01	2.7001e+01
1393	1200	0.0000e+00	0.0000e+00	0.0000e+00	-6.4550e+01	1.1191e+02	-1.1067e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	-3.9665e+01	1.2877e+02	-1.5724e+01
	1211	0.0000e+00	0.0000e+00	0.0000e+00	-5.4366e+01	1.1866e+02	-4.0201e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	-6.0507e+01	1.0950e+02	6.9889e+00
1394	1199	0.0000e+00	0.0000e+00	0.0000e+00	-4.9040e+01	8.1999e+01	-1.2465e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	-3.3113e+01	9.0466e+01	-1.9045e+01
	1210	0.0000e+00	0.0000e+00	0.0000e+00	-4.1638e+01	9.3482e+01	-1.9675e+01
	1200	0.0000e+00	0.0000e+00	0.0000e+00	-5.5519e+01	1.0328e+02	-1.2955e+01
1395	1198	0.0000e+00	0.0000e+00	0.0000e+00	-3.6236e+01	4.3829e+01	-1.0713e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	-2.8428e+01	5.1365e+01	-1.7262e+01
	1209	0.0000e+00	0.0000e+00	0.0000e+00	-3.3566e+01	5.8332e+01	-1.9878e+01
	1199	0.0000e+00	0.0000e+00	0.0000e+00	-4.4130e+01	7.1500e+01	-1.2788e+01
1396	1197	0.0000e+00	0.0000e+00	0.0000e+00	-2.8160e+01	5.5265e+00	-1.0283e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	-2.5645e+01	1.4217e+01	-1.6690e+01
	1208	0.0000e+00	0.0000e+00	0.0000e+00	-2.8464e+01	2.1993e+01	-1.7541e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	-3.3566e+01	3.3202e+01	-1.0697e+01
1397	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.6794e+01	-3.2910e+01	-1.1599e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	2.5732e+01	-2.2193e+01	-1.8130e+01
	1207	0.0000e+00	0.0000e+00	0.0000e+00	-2.5833e+01	-1.4638e+01	-1.6898e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	-2.7314e+01	-5.9795e+00	-1.0344e+01
1398	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.2025e+01	-6.8016e+01	-1.3929e+01

	1205	0.0000e+00	0.0000e+00	0.0000e+00	2.9148e+01	-5.5881e+01	-2.0421e+01
	1206	0.0000e+00	0.0000e+00	0.0000e+00	-2.6339e+01	-4.9890e+01	-1.8172e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.8045e+01	-4.2639e+01	-1.1724e+01
1399	1194	0.0000e+00	0.0000e+00	0.0000e+00	4.0046e+01	-9.4997e+01	-1.3578e+01
	1204	0.0000e+00	0.0000e+00	0.0000e+00	3.6324e+01	-8.6511e+01	-1.9405e+01
	1205	0.0000e+00	0.0000e+00	0.0000e+00	3.0255e+01	-8.4865e+01	-1.9733e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.5500e+01	-7.6813e+01	-1.3731e+01
1400	1193	0.0000e+00	0.0000e+00	0.0000e+00	4.4942e+01	-9.6945e+01	2.0158e+00
	1203	0.0000e+00	0.0000e+00	0.0000e+00	4.6110e+01	-1.0637e+02	-4.5543e+00
	1204	0.0000e+00	0.0000e+00	0.0000e+00	3.7773e+01	-1.1758e+02	-1.5600e+01
	1194	0.0000e+00	0.0000e+00	0.0000e+00	4.6570e+01	-1.0142e+02	-1.1814e+01
1401	1132	0.0000e+00	0.0000e+00	0.0000e+00	4.2002e+01	-5.1120e+01	2.4538e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	-5.4368e+01	-5.0232e+01	4.7536e+01
	1203	0.0000e+00	0.0000e+00	0.0000e+00	4.8479e+01	-1.3510e+02	2.4878e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	4.7790e+01	-8.8984e+01	1.8374e+00
1402	1191	0.0000e+00	0.0000e+00	0.0000e+00	-6.1463e+01	8.9796e+01	-1.2028e+01
	1201	0.0000e+00	0.0000e+00	0.0000e+00	-6.0211e+01	9.2686e+01	1.2592e+01
	1202	0.0000e+00	0.0000e+00	0.0000e+00	-4.1644e+01	6.0214e+01	1.6142e+01
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-4.0240e+01	5.4508e+01	-7.3411e+00
1403	1190	0.0000e+00	0.0000e+00	0.0000e+00	-6.7823e+01	1.0816e+02	-7.6698e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	-6.2231e+01	1.0549e+02	-6.5880e+00
	1201	0.0000e+00	0.0000e+00	0.0000e+00	-6.2923e+01	1.0682e+02	-5.8303e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	-6.4399e+01	1.0109e+02	-6.6660e+00
1404	1189	0.0000e+00	0.0000e+00	0.0000e+00	-5.4816e+01	8.5690e+01	7.7877e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	-5.1203e+01	8.2123e+01	-8.9425e+00
	1200	0.0000e+00	0.0000e+00	0.0000e+00	-6.1674e+01	1.0151e+02	-1.0947e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	-6.5803e+01	1.0232e+02	7.1796e+00
1405	1188	0.0000e+00	0.0000e+00	0.0000e+00	-3.7697e+01	4.7061e+01	1.0753e+01
	1198	0.0000e+00	0.0000e+00	0.0000e+00	-3.7785e+01	4.5408e+01	-8.0577e+00
	1199	0.0000e+00	0.0000e+00	0.0000e+00	-4.8439e+01	7.0201e+01	-9.8316e+00
	1189	0.0000e+00	0.0000e+00	0.0000e+00	-5.1849e+01	7.2792e+01	9.2949e+00
1406	1187	0.0000e+00	0.0000e+00	0.0000e+00	-2.5448e+01	6.5618e+00	1.0869e+01
	1197	0.0000e+00	0.0000e+00	0.0000e+00	-2.8083e+01	6.6882e+00	-7.7528e+00
	1198	0.0000e+00	0.0000e+00	0.0000e+00	-3.5121e+01	3.1904e+01	-8.1964e+00
	1188	0.0000e+00	0.0000e+00	0.0000e+00	-3.5417e+01	3.2882e+01	1.0740e+01
1407	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.4772e+01	-3.4112e+01	8.6665e+00
	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.6781e+01	-3.1882e+01	-8.6057e+00
	1197	0.0000e+00	0.0000e+00	0.0000e+00	-2.6873e+01	-7.4745e+00	-8.1073e+00
	1187	0.0000e+00	0.0000e+00	0.0000e+00	-2.4691e+01	-8.4170e+00	1.0322e+01
1408	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.5257e+01	-7.0600e+01	4.1923e+00
	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.3929e+01	-6.6851e+01	-1.0820e+01
	1196	0.0000e+00	0.0000e+00	0.0000e+00	2.7626e+01	-4.4550e+01	-8.9975e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.6261e+01	-4.7229e+01	7.5459e+00
1409	1184	0.0000e+00	0.0000e+00	0.0000e+00	4.5762e+01	-9.4832e+01	-3.5947e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	4.3322e+01	-9.3180e+01	-1.2023e+01
	1195	0.0000e+00	0.0000e+00	0.0000e+00	3.5656e+01	-7.7250e+01	-9.9131e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.7803e+01	-8.1537e+01	-2.3639e+00
1410	1183	0.0000e+00	0.0000e+00	0.0000e+00	4.3900e+01	-8.8427e+01	-9.3404e+00
	1193	0.0000e+00	0.0000e+00	0.0000e+00	4.4419e+01	-9.4049e+01	-4.4789e+00
	1194	0.0000e+00	0.0000e+00	0.0000e+00	4.3708e+01	-9.5439e+01	-5.7763e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	4.7427e+01	-9.8373e+01	-1.0028e+01
1411	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.2771e+01	-4.0227e+01	-1.1436e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	3.9998e+01	-4.6910e+01	1.3612e+01
	1193	0.0000e+00	0.0000e+00	0.0000e+00	4.3390e+01	-7.8973e+01	8.6178e+00
	1183	0.0000e+00	0.0000e+00	0.0000e+00	4.1520e+01	-7.5697e+01	-1.6238e+01
1412	1181	0.0000e+00	0.0000e+00	0.0000e+00	-6.0664e+01	1.0996e+02	-3.7114e+01
	1191	0.0000e+00	0.0000e+00	0.0000e+00	-6.1271e+01	9.0422e+01	-9.7583e+00
	1192	0.0000e+00	0.0000e+00	0.0000e+00	-4.0210e+01	5.6468e+01	-1.9506e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	-2.7858e+01	5.8222e+01	-4.7662e+01
1413	1180	0.0000e+00	0.0000e+00	0.0000e+00	-6.2432e+01	1.2507e+02	-6.4389e+00
	1190	0.0000e+00	0.0000e+00	0.0000e+00	-7.0003e+01	1.1124e+02	6.9609e+00
	1191	0.0000e+00	0.0000e+00	0.0000e+00	-6.6143e+01	1.0379e+02	-1.4658e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-6.3045e+01	1.2223e+02	-1.6198e+01

1414	1179	0.0000e+00	0.0000e+00	0.0000e+00	-4.5983e+01	9.2434e+01	2.4287e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	-5.6160e+01	8.8291e+01	1.1472e+01
	1190	0.0000e+00	0.0000e+00	0.0000e+00	-6.5885e+01	1.0394e+02	-7.0363e+00
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-6.3163e+01	1.1654e+02	1.6455e+01
1415	1178	0.0000e+00	0.0000e+00	0.0000e+00	-2.9588e+01	4.8052e+01	2.8435e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	-3.7272e+01	4.8096e+01	1.3375e+01
	1189	0.0000e+00	0.0000e+00	0.0000e+00	-5.0603e+01	7.3381e+01	1.2437e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-4.4575e+01	7.6482e+01	2.7116e+01
1416	1177	0.0000e+00	0.0000e+00	0.0000e+00	-1.9323e+01	6.4795e+00	2.6713e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	-2.4074e+01	6.5663e+00	1.3267e+01
	1188	0.0000e+00	0.0000e+00	0.0000e+00	-3.3656e+01	3.2910e+01	1.4385e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-2.7744e+01	3.1834e+01	2.7717e+01
1417	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.9173e+01	-3.5845e+01	2.4707e+01
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.3475e+01	-3.4531e+01	1.1492e+01
	1187	0.0000e+00	0.0000e+00	0.0000e+00	-2.2697e+01	-8.9413e+00	1.3260e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-1.8642e+01	-1.0756e+01	2.6308e+01
1418	1175	0.0000e+00	0.0000e+00	0.0000e+00	3.1349e+01	-7.6881e+01	2.0586e+01
	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.4688e+01	-7.1368e+01	6.2647e+00
	1186	0.0000e+00	0.0000e+00	0.0000e+00	2.5176e+01	-4.8876e+01	1.0470e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	2.0538e+01	-5.0973e+01	2.4556e+01
1419	1174	0.0000e+00	0.0000e+00	0.0000e+00	4.6958e+01	-1.1052e+02	6.9861e+00
	1184	0.0000e+00	0.0000e+00	0.0000e+00	4.6443e+01	-9.6311e+01	-5.6433e+00
	1185	0.0000e+00	0.0000e+00	0.0000e+00	3.8873e+01	-8.4601e+01	5.3807e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	3.2813e+01	-9.0657e+01	1.6837e+01
1420	1173	0.0000e+00	0.0000e+00	0.0000e+00	4.5058e+01	-1.0847e+02	-2.4731e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	4.5173e+01	-9.0498e+01	-2.0260e+01
	1184	0.0000e+00	0.0000e+00	0.0000e+00	4.9389e+01	-1.0139e+02	-3.7854e+00
	1174	0.0000e+00	0.0000e+00	0.0000e+00	4.6434e+01	-1.1613e+02	-8.1978e+00
1421	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.1923e+01	-4.1256e+01	-5.3591e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.0362e+01	-4.1089e+01	-2.3864e+01
	1183	0.0000e+00	0.0000e+00	0.0000e+00	4.1125e+01	-7.5570e+01	-1.4903e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	4.2962e+01	-9.3701e+01	-4.4503e+01
1422	1171	0.0000e+00	0.0000e+00	0.0000e+00	-5.9297e+01	1.7825e+02	-6.9634e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-6.4617e+01	1.2121e+02	-2.9083e+01
	1182	0.0000e+00	0.0000e+00	0.0000e+00	-3.8785e+01	7.0101e+01	-6.8293e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-3.5656e+00	9.1407e+01	-1.0904e+02
1423	1170	0.0000e+00	0.0000e+00	0.0000e+00	-3.7032e+01	1.5800e+02	2.3440e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-6.8644e+01	1.3962e+02	1.2103e+01
	1181	0.0000e+00	0.0000e+00	0.0000e+00	-6.7528e+01	1.3268e+02	-2.9163e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-6.2491e+01	1.9192e+02	-1.7417e+01
1424	1169	0.0000e+00	0.0000e+00	0.0000e+00	-1.6183e+01	9.7325e+01	4.6721e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-4.4593e+01	9.7111e+01	2.7815e+01
	1180	0.0000e+00	0.0000e+00	0.0000e+00	-5.6395e+01	1.2211e+02	1.8424e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-4.1462e+01	1.4172e+02	3.6847e+01
1425	1168	0.0000e+00	0.0000e+00	0.0000e+00	-1.2100e+01	4.4737e+01	4.0989e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-2.5310e+01	4.6872e+01	2.9540e+01
	1179	0.0000e+00	0.0000e+00	0.0000e+00	-3.7358e+01	7.9335e+01	3.2512e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-1.8095e+01	7.5798e+01	4.3939e+01
1426	1167	0.0000e+00	0.0000e+00	0.0000e+00	-1.2564e+01	5.2995e+00	3.5453e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-1.6907e+01	4.6861e+00	2.8250e+01
	1178	0.0000e+00	0.0000e+00	0.0000e+00	-2.3782e+01	3.3814e+01	3.1105e+01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	-1.2797e+01	2.7752e+01	3.8307e+01
1427	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.2172e+01	-3.5002e+01	3.5430e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.7171e+01	-3.8247e+01	2.8055e+01
	1177	0.0000e+00	0.0000e+00	0.0000e+00	-1.6768e+01	-9.1524e+00	2.7970e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-1.2910e+01	-1.2097e+01	3.5323e+01
1428	1165	0.0000e+00	0.0000e+00	0.0000e+00	1.4279e+01	-7.9723e+01	3.7580e+01
	1175	0.0000e+00	0.0000e+00	0.0000e+00	2.6865e+01	-7.9847e+01	2.5829e+01
	1176	0.0000e+00	0.0000e+00	0.0000e+00	1.7855e+01	-5.0745e+01	2.5973e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	1.2221e+01	-5.1058e+01	3.7720e+01
1429	1164	0.0000e+00	0.0000e+00	0.0000e+00	3.6116e+01	-1.3854e+02	2.6668e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	4.3330e+01	-1.1572e+02	8.4017e+00
	1175	0.0000e+00	0.0000e+00	0.0000e+00	3.3148e+01	-9.6248e+01	2.0895e+01



	1165	0.0000e+00	0.0000e+00	0.0000e+00	1.3310e+01	-9.9059e+01	3.9621e+01
1430	1163	0.0000e+00	0.0000e+00	0.0000e+00	5.5184e+01	-1.7637e+02	-2.9098e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	5.1906e+01	-1.1776e+02	-3.8670e+01
	1174	0.0000e+00	0.0000e+00	0.0000e+00	5.4310e+01	-1.3061e+02	3.2914e+00
	1164	0.0000e+00	0.0000e+00	0.0000e+00	3.2664e+01	-1.5134e+02	1.2294e+01
1431	1099	0.0000e+00	0.0000e+00	0.0000e+00	-8.9510e+00	-6.8292e+01	-1.1519e+02
	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.5447e+01	-5.0654e+01	-7.3579e+01
	1173	0.0000e+00	0.0000e+00	0.0000e+00	4.7905e+01	-1.0337e+02	-3.7544e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	5.3565e+01	-1.5755e+02	-7.9086e+01
1432	1161	0.0000e+00	0.0000e+00	0.0000e+00	-2.4891e+01	4.7528e+02	-8.6353e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-1.0855e+02	2.2493e+02	-2.1822e+01
	1172	0.0000e+00	0.0000e+00	0.0000e+00	-3.7274e+01	1.2427e+02	-1.4931e+02
	1162	0.0000e+00	0.0000e+00	0.0000e+00	4.6575e+01	1.2721e+02	-2.1422e+02
1433	1160	0.0000e+00	0.0000e+00	0.0000e+00	5.2576e+01	1.9866e+02	8.5806e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-5.0364e+01	1.8575e+02	2.9809e+01
	1171	0.0000e+00	0.0000e+00	0.0000e+00	-5.4122e+01	2.0500e+02	-1.5595e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	-5.8838e+01	2.7807e+02	4.2307e+01
1434	1159	0.0000e+00	0.0000e+00	0.0000e+00	4.1137e+01	8.8620e+01	5.1292e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	-5.4581e+00	9.5878e+01	4.1655e+01
	1170	0.0000e+00	0.0000e+00	0.0000e+00	-2.2840e+01	1.5035e+02	5.2840e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	4.2058e+01	1.3557e+02	6.2444e+01
1435	1158	0.0000e+00	0.0000e+00	0.0000e+00	2.2486e+01	3.4621e+01	3.3101e+01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	9.7020e+00	3.8821e+01	3.6911e+01
	1169	0.0000e+00	0.0000e+00	0.0000e+00	6.8075e+00	8.0473e+01	4.7729e+01
	1159	0.0000e+00	0.0000e+00	0.0000e+00	3.4534e+01	6.3153e+01	4.3974e+01
1436	1157	0.0000e+00	0.0000e+00	0.0000e+00	9.4871e+00	2.9432e+00	2.6472e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	1.0975e+01	-4.0137e+00	3.2902e+01
	1168	0.0000e+00	0.0000e+00	0.0000e+00	9.8290e+00	3.1198e+01	3.7206e+01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	1.7619e+01	2.0979e+01	3.0803e+01
1437	1156	0.0000e+00	0.0000e+00	0.0000e+00	-1.8761e+01	-3.0471e+01	2.9459e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-1.1859e+01	-3.8736e+01	3.5143e+01
	1167	0.0000e+00	0.0000e+00	0.0000e+00	-1.2416e+01	-8.1253e+00	3.2489e+01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-1.0114e+01	-1.0767e+01	2.6793e+01
1438	1155	0.0000e+00	0.0000e+00	0.0000e+00	-3.2158e+01	-6.9962e+01	4.0866e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	9.2752e+00	-8.4317e+01	4.2512e+01
	1166	0.0000e+00	0.0000e+00	0.0000e+00	-1.3372e+01	-4.6212e+01	3.3960e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-2.3036e+01	-4.3638e+01	3.2354e+01
1439	1154	0.0000e+00	0.0000e+00	0.0000e+00	-3.2592e+01	-1.3664e+02	5.6062e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	2.2086e+01	-1.4650e+02	4.3233e+01
	1165	0.0000e+00	0.0000e+00	0.0000e+00	7.4722e+00	-9.9227e+01	3.5623e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-3.7176e+01	-9.4029e+01	4.8638e+01
1440	1153	0.0000e+00	0.0000e+00	0.0000e+00	7.2797e+01	-2.6762e+02	3.0118e+01
	1163	0.0000e+00	0.0000e+00	0.0000e+00	5.4870e+01	-1.8772e+02	-2.8730e+01
	1164	0.0000e+00	0.0000e+00	0.0000e+00	5.0315e+01	-1.8065e+02	2.0326e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-4.0912e+01	-1.9512e+02	7.8027e+01
1441	1088	0.0000e+00	0.0000e+00	0.0000e+00	-2.9859e+01	-9.3771e+01	-2.1733e+02
	1099	0.0000e+00	0.0000e+00	0.0000e+00	3.4474e+01	-9.6165e+01	-1.5316e+02
	1163	0.0000e+00	0.0000e+00	0.0000e+00	1.0424e+02	-2.0094e+02	-3.2926e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	4.4351e+01	-4.4326e+02	-9.6825e+01
1442	323	0.0000e+00	0.0000e+00	0.0000e+00	4.1849e+02	8.1027e+01	1.2290e+02
	1161	0.0000e+00	0.0000e+00	0.0000e+00	4.8503e+01	6.4937e+02	-4.2329e+01
	1162	0.0000e+00	0.0000e+00	0.0000e+00	-3.2956e+02	2.6533e+02	-5.0721e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	4.7552e+02	1.7564e+03	-3.5266e+02
1443	322	0.0000e+00	0.0000e+00	0.0000e+00	1.8445e+02	1.4542e+02	1.7138e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	1.1755e+02	1.5325e+02	5.9472e+01
	1161	0.0000e+00	0.0000e+00	0.0000e+00	1.4593e+02	3.4837e+02	7.7832e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	2.5792e+02	3.2068e+02	3.4514e+01
1444	321	0.0000e+00	0.0000e+00	0.0000e+00	9.4619e+01	6.3193e+01	6.8244e+00
	1159	0.0000e+00	0.0000e+00	0.0000e+00	7.1154e+01	6.9723e+01	3.8580e+01
	1160	0.0000e+00	0.0000e+00	0.0000e+00	9.2742e+01	1.5288e+02	5.4521e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	1.4737e+02	1.2838e+02	2.0212e+01
1445	320	0.0000e+00	0.0000e+00	0.0000e+00	4.3294e+01	2.2994e+01	-2.3623e+00
	1158	0.0000e+00	0.0000e+00	0.0000e+00	3.4948e+01	2.5560e+01	2.4536e+01

	1159	0.0000e+00	0.0000e+00	0.0000e+00	5.3358e+01	6.8756e+01	3.2469e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	7.5535e+01	5.5741e+01	8.2923e+00
1446	319	0.0000e+00	0.0000e+00	0.0000e+00	1.1405e+01	-3.3635e+00	-1.4910e+00
	1157	0.0000e+00	0.0000e+00	0.0000e+00	1.0982e+01	-5.0734e+00	1.8960e+01
	1158	0.0000e+00	0.0000e+00	0.0000e+00	2.2789e+01	2.4256e+01	2.1125e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	3.1477e+01	1.8368e+01	1.6825e+00
1447	318	0.0000e+00	0.0000e+00	0.0000e+00	-2.9808e+01	-2.7645e+01	4.8192e+00
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-2.2571e+01	-3.3732e+01	2.1495e+01
	1157	0.0000e+00	0.0000e+00	0.0000e+00	-1.1252e+01	-6.1770e+00	1.8681e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	-1.0973e+01	-6.9830e+00	-2.1909e+00
1448	317	0.0000e+00	0.0000e+00	0.0000e+00	-6.9830e+01	-6.1960e+01	1.2484e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-4.8770e+01	-7.5284e+01	3.2567e+01
	1156	0.0000e+00	0.0000e+00	0.0000e+00	-3.3645e+01	-3.5015e+01	2.4070e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-4.0543e+01	-3.2298e+01	-5.7092e+00
1449	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.3241e+02	-1.2783e+02	2.6814e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-7.9311e+01	-1.5291e+02	5.3653e+01
	1155	0.0000e+00	0.0000e+00	0.0000e+00	-6.4044e+01	-7.6453e+01	3.7094e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-8.6369e+01	-6.9846e+01	1.2426e+01
1450	315	0.0000e+00	0.0000e+00	0.0000e+00	-2.2883e+02	-3.0412e+02	4.6130e+01
	1153	0.0000e+00	0.0000e+00	0.0000e+00	-1.1254e+02	-3.3228e+02	7.4205e+01
	1154	0.0000e+00	0.0000e+00	0.0000e+00	-9.8728e+01	-1.5580e+02	5.4371e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.6426e+02	-1.4644e+02	2.6807e+01
1451	13	0.0000e+00	0.0000e+00	0.0000e+00	-3.6436e+02	-1.6538e+03	-3.2770e+02
	1088	0.0000e+00	0.0000e+00	0.0000e+00	3.2670e+02	-2.1571e+02	-5.0654e+02
	1153	0.0000e+00	0.0000e+00	0.0000e+00	6.1434e+01	-6.1908e+02	-4.4974e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-3.7310e+02	-9.7548e+01	1.5145e+02
1452	1142	0.0000e+00	0.0000e+00	0.0000e+00	-7.3068e+01	8.7592e+01	4.1294e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	5.6869e+01	-4.5733e+01	3.4702e+01
	24	0.0000e+00	0.0000e+00	0.0000e+00	1.0807e+02	2.4976e+02	7.0698e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	-7.9846e+01	-1.5405e+01	1.0089e+02
1453	1141	0.0000e+00	0.0000e+00	0.0000e+00	-4.0471e+01	5.2741e+01	2.1249e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	3.0805e+01	-5.4916e+01	2.5750e+01
	1152	0.0000e+00	0.0000e+00	0.0000e+00	5.1002e+01	1.7513e+02	2.8994e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	-7.2055e+01	5.8796e+01	2.6076e+01
1454	1140	0.0000e+00	0.0000e+00	0.0000e+00	2.9598e+01	1.1895e+01	2.0905e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	2.1649e+01	-8.8177e+01	2.2069e+01
	1151	0.0000e+00	0.0000e+00	0.0000e+00	2.8090e+01	1.2139e+02	2.2516e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	-4.7790e+01	3.3299e+01	2.0001e+01
1455	1139	0.0000e+00	0.0000e+00	0.0000e+00	2.4557e+01	-3.6638e+01	2.5323e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	-1.9737e+01	-1.2684e+02	2.0630e+01
	1150	0.0000e+00	0.0000e+00	0.0000e+00	1.9295e+01	7.3481e+01	1.9788e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	-3.9650e+01	-1.2031e+01	2.2975e+01
1456	1138	0.0000e+00	0.0000e+00	0.0000e+00	2.2263e+01	-8.0510e+01	2.9179e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	-1.7877e+01	-1.6643e+02	2.0043e+01
	1149	0.0000e+00	0.0000e+00	0.0000e+00	1.6892e+01	2.7386e+01	1.9166e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	-3.4819e+01	-5.3559e+01	2.7380e+01
1457	1137	0.0000e+00	0.0000e+00	0.0000e+00	2.2180e+01	-1.2458e+02	2.9727e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	1.7253e+01	-2.0461e+02	1.8851e+01
	1148	0.0000e+00	0.0000e+00	0.0000e+00	1.6524e+01	-1.9973e+01	1.9273e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	-3.0708e+01	-9.8072e+01	2.9746e+01
1458	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.3766e+01	-1.6634e+02	2.6164e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	1.9311e+01	-2.3919e+02	1.6599e+01
	1147	0.0000e+00	0.0000e+00	0.0000e+00	1.8750e+01	-6.5063e+01	1.8773e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	-2.7906e+01	-1.4129e+02	2.8266e+01
1459	1135	0.0000e+00	0.0000e+00	0.0000e+00	2.6917e+01	-2.0183e+02	2.0270e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	2.2828e+01	-2.6849e+02	1.4828e+01
	1146	0.0000e+00	0.0000e+00	0.0000e+00	2.1686e+01	-1.0857e+02	1.7461e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	-2.7558e+01	-1.8078e+02	2.3228e+01
1460	1134	0.0000e+00	0.0000e+00	0.0000e+00	3.7146e+01	-2.1871e+02	2.1899e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-3.2060e+01	-2.9368e+02	1.9274e+01
	1145	0.0000e+00	0.0000e+00	0.0000e+00	2.4397e+01	-1.4510e+02	1.6506e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	-2.9974e+01	-2.1476e+02	1.9724e+01
1461	1133	0.0000e+00	0.0000e+00	0.0000e+00	-2.1518e+01	-1.7308e+02	6.5694e+01

	23	0.0000e+00	0.0000e+00	0.0000e+00	7.8279e+01	-3.2866e+02	5.3209e+01
	1144	0.0000e+00	0.0000e+00	0.0000e+00	-3.5514e+01	-1.6314e+02	1.4986e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	3.7534e+01	-2.2648e+02	2.3590e+01
1462	1131	0.0000e+00	0.0000e+00	0.0000e+00	-5.6755e+01	2.5299e+01	1.3998e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	-6.1660e+01	5.7783e+01	3.8602e+01
	1143	0.0000e+00	0.0000e+00	0.0000e+00	-5.1998e+01	-2.4139e+01	5.1523e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	-4.5979e+01	-1.8519e+01	2.6638e+01
1463	1130	0.0000e+00	0.0000e+00	0.0000e+00	-6.2123e+01	4.0180e+01	9.1510e+00
	1141	0.0000e+00	0.0000e+00	0.0000e+00	-4.8348e+01	5.3124e+01	1.1811e+01
	1142	0.0000e+00	0.0000e+00	0.0000e+00	-6.1450e+01	4.5491e+01	1.7125e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	-5.6566e+01	3.2915e+01	1.7695e+01
1464	1129	0.0000e+00	0.0000e+00	0.0000e+00	-5.1199e+01	1.4403e+01	1.3056e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	-4.0191e+01	1.7894e+01	1.3500e+01
	1141	0.0000e+00	0.0000e+00	0.0000e+00	-4.9704e+01	2.4716e+01	1.1836e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	-5.5576e+01	3.2648e+01	1.0440e+01
1465	1128	0.0000e+00	0.0000e+00	0.0000e+00	-4.0731e+01	-3.1852e+01	1.9658e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	-3.3919e+01	-2.9176e+01	1.6122e+01
	1140	0.0000e+00	0.0000e+00	0.0000e+00	-4.0549e+01	-1.6255e+01	1.3255e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	-4.7275e+01	-7.2634e+00	1.4906e+01
1466	1127	0.0000e+00	0.0000e+00	0.0000e+00	-3.2720e+01	-7.9944e+01	2.4604e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	-2.8827e+01	-7.4779e+01	1.9048e+01
	1139	0.0000e+00	0.0000e+00	0.0000e+00	-3.3881e+01	-5.7679e+01	1.6401e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	-3.8732e+01	-4.3994e+01	2.1237e+01
1467	1126	0.0000e+00	0.0000e+00	0.0000e+00	-2.7283e+01	-1.2937e+02	2.5141e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	-2.5603e+01	-1.2074e+02	1.9075e+01
	1138	0.0000e+00	0.0000e+00	0.0000e+00	-2.8764e+01	-1.0263e+02	1.9065e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	-3.1757e+01	-9.2841e+01	2.4944e+01
1468	1125	0.0000e+00	0.0000e+00	0.0000e+00	-2.4603e+01	-1.7492e+02	2.1037e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.4955e+01	-1.6351e+02	1.5380e+01
	1137	0.0000e+00	0.0000e+00	0.0000e+00	-2.5809e+01	-1.4723e+02	1.8289e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	-2.6845e+01	-1.4184e+02	2.3970e+01
1469	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.4212e+01	-2.0760e+02	1.5298e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	2.7295e+01	-1.9793e+02	1.0721e+01
	1136	0.0000e+00	0.0000e+00	0.0000e+00	2.5573e+01	-1.8809e+02	1.3952e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	-2.4481e+01	-1.8555e+02	1.8605e+01
1470	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.8154e+01	-2.0833e+02	1.5553e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	2.8028e+01	-2.1198e+02	1.4596e+01
	1135	0.0000e+00	0.0000e+00	0.0000e+00	2.8084e+01	-2.1798e+02	1.1619e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.4865e+01	-2.1419e+02	1.2700e+01
1471	1122	0.0000e+00	0.0000e+00	0.0000e+00	-4.6897e+01	-1.5011e+02	2.1066e+01
	1133	0.0000e+00	0.0000e+00	0.0000e+00	5.7965e+01	-1.5601e+02	3.7192e+01
	1134	0.0000e+00	0.0000e+00	0.0000e+00	3.1068e+01	-2.2291e+02	2.1987e+01
	1123	0.0000e+00	0.0000e+00	0.0000e+00	2.6798e+01	-1.9545e+02	6.1825e+00
1472	1120	0.0000e+00	0.0000e+00	0.0000e+00	-4.5196e+01	2.2137e+01	-9.0947e+00
	1131	0.0000e+00	0.0000e+00	0.0000e+00	-5.2126e+01	1.9823e+01	1.7781e+01
	1132	0.0000e+00	0.0000e+00	0.0000e+00	-4.1027e+01	-1.8006e+01	1.6355e+01
	1121	0.0000e+00	0.0000e+00	0.0000e+00	3.3470e+01	-1.8010e+01	-1.0154e+01
1473	1119	0.0000e+00	0.0000e+00	0.0000e+00	-5.5805e+01	4.0922e+01	5.0959e+00
	1130	0.0000e+00	0.0000e+00	0.0000e+00	-5.7279e+01	3.4582e+01	1.2759e+01
	1131	0.0000e+00	0.0000e+00	0.0000e+00	-5.4484e+01	3.3639e+01	9.7415e+00
	1120	0.0000e+00	0.0000e+00	0.0000e+00	-4.8993e+01	3.2121e+01	2.9435e+00
1474	1118	0.0000e+00	0.0000e+00	0.0000e+00	-5.1685e+01	2.1308e+01	1.8639e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	-5.1700e+01	1.4326e+01	1.4869e+01
	1130	0.0000e+00	0.0000e+00	0.0000e+00	-5.7972e+01	3.4295e+01	9.2120e+00
	1119	0.0000e+00	0.0000e+00	0.0000e+00	-5.6198e+01	3.8145e+01	1.2700e+01
1475	1117	0.0000e+00	0.0000e+00	0.0000e+00	-4.1425e+01	-2.3684e+01	2.9557e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	-4.2548e+01	-2.9555e+01	2.0822e+01
	1129	0.0000e+00	0.0000e+00	0.0000e+00	-5.0683e+01	-7.5818e+00	1.5118e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	-5.0883e+01	1.0680e+01	2.3609e+01
1476	1116	0.0000e+00	0.0000e+00	0.0000e+00	-3.1597e+01	-7.6178e+01	3.4891e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	-3.3682e+01	-7.8530e+01	2.5251e+01
	1128	0.0000e+00	0.0000e+00	0.0000e+00	-4.1044e+01	-4.3007e+01	2.2086e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	-4.1013e+01	-3.8264e+01	3.1642e+01

1477	1115	0.0000e+00	0.0000e+00	0.0000e+00	-2.3983e+01	-1.3117e+02	3.4765e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	-2.6956e+01	-1.2951e+02	2.5521e+01
	1127	0.0000e+00	0.0000e+00	0.0000e+00	-3.2413e+01	-9.3097e+01	2.5842e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	-3.1643e+01	-9.2167e+01	3.5097e+01
1478	1114	0.0000e+00	0.0000e+00	0.0000e+00	-1.9366e+01	-1.8183e+02	2.9427e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	-2.3330e+01	-1.7647e+02	2.1248e+01
	1126	0.0000e+00	0.0000e+00	0.0000e+00	-2.6128e+01	-1.4347e+02	2.4990e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	-2.4086e+01	-1.4660e+02	3.3275e+01
1479	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.7366e+01	-2.1662e+02	1.9459e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.3147e+01	-2.0994e+02	1.4674e+01
	1125	0.0000e+00	0.0000e+00	0.0000e+00	2.3103e+01	-1.8747e+02	2.0430e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	-1.9182e+01	-1.9419e+02	2.5433e+01
1480	1112	0.0000e+00	0.0000e+00	0.0000e+00	-1.9584e+01	-2.1534e+02	7.0522e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	-2.1183e+01	-2.1103e+02	1.0857e+01
	1124	0.0000e+00	0.0000e+00	0.0000e+00	2.3166e+01	-2.1255e+02	1.6641e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.7127e+01	-2.2160e+02	1.2348e+01
1481	1111	0.0000e+00	0.0000e+00	0.0000e+00	-4.2805e+01	-1.5626e+02	-1.3061e+01
	1122	0.0000e+00	0.0000e+00	0.0000e+00	4.4539e+01	-1.4695e+02	7.3096e+00
	1123	0.0000e+00	0.0000e+00	0.0000e+00	-2.3164e+01	-1.9890e+02	1.2585e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	-1.8948e+01	-2.0108e+02	-7.9681e+00
1482	1109	0.0000e+00	0.0000e+00	0.0000e+00	-4.1374e+01	4.6363e+01	-4.1669e+01
	1120	0.0000e+00	0.0000e+00	0.0000e+00	-4.4442e+01	2.4654e+01	-9.9704e+00
	1121	0.0000e+00	0.0000e+00	0.0000e+00	-3.1871e+01	-1.5156e+01	-2.1986e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	2.1742e+01	-1.3585e+01	-5.3816e+01
1483	1108	0.0000e+00	0.0000e+00	0.0000e+00	-5.0407e+01	6.4824e+01	-3.5323e+00
	1119	0.0000e+00	0.0000e+00	0.0000e+00	-5.7543e+01	4.5567e+01	8.1939e+00
	1120	0.0000e+00	0.0000e+00	0.0000e+00	-4.9689e+01	3.7052e+01	-1.2361e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	-4.4768e+01	5.9276e+01	-2.1520e+01
1484	1107	0.0000e+00	0.0000e+00	0.0000e+00	-4.3427e+01	3.5940e+01	2.8274e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	-5.3436e+01	2.5657e+01	2.1660e+01
	1119	0.0000e+00	0.0000e+00	0.0000e+00	-5.7068e+01	4.2301e+01	7.8839e+00
	1108	0.0000e+00	0.0000e+00	0.0000e+00	-5.2617e+01	6.1951e+01	1.4224e+01
1485	1106	0.0000e+00	0.0000e+00	0.0000e+00	-3.3397e+01	-1.6025e+01	4.1616e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	-4.2037e+01	-2.0732e+01	3.0530e+01
	1118	0.0000e+00	0.0000e+00	0.0000e+00	-5.0699e+01	1.3278e+01	2.3588e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	-4.4366e+01	2.2565e+01	3.4693e+01
1486	1105	0.0000e+00	0.0000e+00	0.0000e+00	-2.5267e+01	-7.3901e+01	4.5223e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	-3.1150e+01	-7.5248e+01	3.4808e+01
	1117	0.0000e+00	0.0000e+00	0.0000e+00	-3.9934e+01	-3.6661e+01	3.2621e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	-3.3953e+01	-3.3320e+01	4.3063e+01
1487	1104	0.0000e+00	0.0000e+00	0.0000e+00	-1.8509e+01	-1.3390e+02	4.4012e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	-2.2712e+01	-1.3195e+02	3.4499e+01
	1116	0.0000e+00	0.0000e+00	0.0000e+00	-2.9843e+01	-9.2001e+01	3.5580e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	-2.5906e+01	-9.2499e+01	4.5121e+01
1488	1103	0.0000e+00	0.0000e+00	0.0000e+00	-1.2661e+01	-1.9168e+02	3.7657e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	-1.7296e+01	-1.8421e+02	2.8678e+01
	1115	0.0000e+00	0.0000e+00	0.0000e+00	-2.1539e+01	-1.4828e+02	3.3705e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	-1.9118e+01	-1.5196e+02	4.2757e+01
1489	1102	0.0000e+00	0.0000e+00	0.0000e+00	9.4400e+00	-2.3682e+02	2.1892e+01
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.5702e+01	-2.2076e+02	1.6086e+01
	1114	0.0000e+00	0.0000e+00	0.0000e+00	1.6488e+01	-1.9792e+02	2.7040e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	-1.2810e+01	-2.0659e+02	3.3153e+01
1490	1101	0.0000e+00	0.0000e+00	0.0000e+00	-1.0220e+01	-2.4548e+02	-9.5856e+00
	1112	0.0000e+00	0.0000e+00	0.0000e+00	-1.2193e+01	-2.2150e+02	-6.5143e+00
	1113	0.0000e+00	0.0000e+00	0.0000e+00	1.5380e+01	-2.2639e+02	1.5466e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	-8.6680e+00	-2.4301e+02	1.0597e+01
1491	1100	0.0000e+00	0.0000e+00	0.0000e+00	-3.3163e+01	-1.8482e+02	-4.8956e+01
	1111	0.0000e+00	0.0000e+00	0.0000e+00	-4.1449e+01	-1.6226e+02	-2.6568e+01
	1112	0.0000e+00	0.0000e+00	0.0000e+00	-1.3949e+01	-2.0883e+02	-5.1566e+00
	1101	0.0000e+00	0.0000e+00	0.0000e+00	-1.0481e+01	-2.3378e+02	-2.7149e+01
1492	1098	0.0000e+00	0.0000e+00	0.0000e+00	-4.8411e+01	1.1344e+02	-8.2723e+01
	1109	0.0000e+00	0.0000e+00	0.0000e+00	-4.5570e+01	5.7630e+01	-3.7936e+01
	1110	0.0000e+00	0.0000e+00	0.0000e+00	-2.6947e+01	-1.3286e+01	-7.2759e+01

	1099	0.0000e+00	0.0000e+00	0.0000e+00	1.4285e+01	2.8322e+01	-1.1753e+02
1493	1097	0.0000e+00	0.0000e+00	0.0000e+00	-3.6288e+01	1.0940e+02	9.3590e+00
	1108	0.0000e+00	0.0000e+00	0.0000e+00	-5.9249e+01	8.1432e+01	5.9355e+00
	1109	0.0000e+00	0.0000e+00	0.0000e+00	-5.1990e+01	7.0650e+01	-3.7508e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-5.0832e+01	1.3478e+02	-3.4041e+01
1494	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.9459e+01	5.3531e+01	4.6346e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	-4.5802e+01	4.5078e+01	3.0908e+01
	1108	0.0000e+00	0.0000e+00	0.0000e+00	-5.2474e+01	6.9249e+01	1.2081e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-4.0011e+01	1.0192e+02	2.7271e+01
1495	1095	0.0000e+00	0.0000e+00	0.0000e+00	-1.5025e+01	-1.1567e+01	5.1350e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	-3.1161e+01	-1.3914e+01	4.0864e+01
	1107	0.0000e+00	0.0000e+00	0.0000e+00	-4.0281e+01	2.7073e+01	3.7164e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-2.2744e+01	3.2437e+01	4.7644e+01
1496	1094	0.0000e+00	0.0000e+00	0.0000e+00	-1.4896e+01	-7.3575e+01	4.9844e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	-2.2835e+01	-7.4893e+01	4.3696e+01
	1106	0.0000e+00	0.0000e+00	0.0000e+00	-3.0099e+01	-3.0376e+01	4.4082e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	-1.7480e+01	-3.2515e+01	5.0235e+01
1497	1093	0.0000e+00	0.0000e+00	0.0000e+00	-1.4850e+01	-1.3582e+02	4.8203e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	-1.7050e+01	-1.3629e+02	4.3108e+01
	1105	0.0000e+00	0.0000e+00	0.0000e+00	-2.3272e+01	-9.0867e+01	4.4368e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-1.7427e+01	-9.4049e+01	4.9457e+01
1498	1092	0.0000e+00	0.0000e+00	0.0000e+00	-1.1802e+01	-2.0017e+02	4.4577e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	-1.1053e+01	-1.9547e+02	3.7662e+01
	1104	0.0000e+00	0.0000e+00	0.0000e+00	-1.6758e+01	-1.5262e+02	4.1531e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-1.7717e+01	-1.5631e+02	4.8437e+01
1499	1091	0.0000e+00	0.0000e+00	0.0000e+00	-3.4497e+00	-2.6486e+02	2.9611e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	8.1290e+00	-2.4313e+02	2.0016e+01
	1103	0.0000e+00	0.0000e+00	0.0000e+00	-9.3119e+00	-2.1211e+02	3.3584e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-1.5218e+01	-2.2006e+02	4.3261e+01
1500	1090	0.0000e+00	0.0000e+00	0.0000e+00	5.8883e+00	-3.0514e+02	-1.4516e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	6.0485e+00	-2.5585e+02	-1.8767e+01
	1102	0.0000e+00	0.0000e+00	0.0000e+00	1.0483e+01	-2.5565e+02	1.4342e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	-7.1877e+00	-2.7695e+02	1.8210e+01
1501	1089	0.0000e+00	0.0000e+00	0.0000e+00	-2.9196e+01	-2.4508e+02	-9.0800e+01
	1100	0.0000e+00	0.0000e+00	0.0000e+00	-3.6411e+01	-2.0077e+02	-6.6480e+01
	1101	0.0000e+00	0.0000e+00	0.0000e+00	6.5301e+00	-2.4645e+02	-2.1639e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	-4.9537e+00	-2.9985e+02	-4.5921e+01
1502	1087	0.0000e+00	0.0000e+00	0.0000e+00	-5.5221e+01	3.7173e+02	-1.1748e+02
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-8.3632e+01	1.5587e+02	-4.4646e+01
	1099	0.0000e+00	0.0000e+00	0.0000e+00	-5.3309e+01	5.4391e+01	-1.5340e+02
	1088	0.0000e+00	0.0000e+00	0.0000e+00	5.7455e+01	7.5059e+01	-2.2633e+02
1503	1086	0.0000e+00	0.0000e+00	0.0000e+00	3.7864e+01	1.7763e+02	7.4190e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-6.2183e+01	1.4480e+02	1.9927e+01
	1098	0.0000e+00	0.0000e+00	0.0000e+00	-5.2959e+01	1.4899e+02	-4.1767e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-7.3451e+01	2.4848e+02	1.3159e+01
1504	1085	0.0000e+00	0.0000e+00	0.0000e+00	3.2291e+01	5.8788e+01	5.6698e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.2818e+01	5.9052e+01	4.1781e+01
	1097	0.0000e+00	0.0000e+00	0.0000e+00	-3.4307e+01	1.1102e+02	4.2610e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	2.8247e+01	1.0931e+02	5.7388e+01
1505	1084	0.0000e+00	0.0000e+00	0.0000e+00	1.7996e+01	-1.4980e+01	4.4815e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	-8.2122e+00	-1.4489e+01	4.5625e+01
	1096	0.0000e+00	0.0000e+00	0.0000e+00	-1.1101e+01	3.8732e+01	5.1414e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	2.5226e+01	2.6564e+01	5.0605e+01
1506	1083	0.0000e+00	0.0000e+00	0.0000e+00	5.9491e+00	-7.5841e+01	3.9631e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-1.0886e+01	-7.7463e+01	4.4668e+01
	1095	0.0000e+00	0.0000e+00	0.0000e+00	-1.1116e+01	-2.8210e+01	4.7934e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	1.1325e+01	-3.6905e+01	4.2915e+01
1507	1082	0.0000e+00	0.0000e+00	0.0000e+00	-1.6619e+01	-1.3556e+02	3.9710e+01
	1093	0.0000e+00	0.0000e+00	0.0000e+00	-1.4725e+01	-1.3967e+02	4.4530e+01
	1094	0.0000e+00	0.0000e+00	0.0000e+00	-1.5117e+01	-9.0541e+01	4.4697e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-9.1228e+00	-9.5064e+01	3.9840e+01
1508	1081	0.0000e+00	0.0000e+00	0.0000e+00	-2.8738e+01	-2.0032e+02	4.2818e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-1.5601e+01	-2.0501e+02	4.4266e+01

	1093	0.0000e+00	0.0000e+00	0.0000e+00	-1.8755e+01	-1.5396e+02	4.2926e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-2.3414e+01	-1.5588e+02	4.1390e+01
1509	1080	0.0000e+00	0.0000e+00	0.0000e+00	-3.2310e+01	-2.7724e+02	4.3078e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	-6.1844e+00	-2.7247e+02	3.5319e+01
	1092	0.0000e+00	0.0000e+00	0.0000e+00	-1.5832e+01	-2.2284e+02	3.8592e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-3.5777e+01	-2.2538e+02	4.6244e+01
1510	1079	0.0000e+00	0.0000e+00	0.0000e+00	1.1858e+01	-3.8221e+02	1.2199e+01
	1090	0.0000e+00	0.0000e+00	0.0000e+00	1.2364e+01	-3.1862e+02	-1.6967e+01
	1091	0.0000e+00	0.0000e+00	0.0000e+00	8.4337e+00	-2.9697e+02	2.1350e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-4.1167e+01	-3.1582e+02	4.8723e+01
1511	1078	0.0000e+00	0.0000e+00	0.0000e+00	-3.8497e+01	-3.7438e+02	-1.3916e+02
	1089	0.0000e+00	0.0000e+00	0.0000e+00	-1.6681e+01	-2.7623e+02	-1.2056e+02
	1090	0.0000e+00	0.0000e+00	0.0000e+00	3.0885e+01	-3.3004e+02	-2.6264e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-1.4756e+01	-4.3791e+02	-4.4968e+01
1512	215	0.0000e+00	0.0000e+00	0.0000e+00	4.0965e+02	1.4785e+02	1.3328e+02
	1087	0.0000e+00	0.0000e+00	0.0000e+00	-9.0975e+01	5.6912e+02	-4.9447e+01
	1088	0.0000e+00	0.0000e+00	0.0000e+00	-3.0909e+02	1.8800e+02	-5.1686e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	4.0185e+02	1.6286e+03	-3.5593e+02
1513	214	0.0000e+00	0.0000e+00	0.0000e+00	1.6253e+02	1.2143e+02	2.6052e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	1.0005e+02	1.4332e+02	4.7274e+01
	1087	0.0000e+00	0.0000e+00	0.0000e+00	8.1474e+01	3.1669e+02	6.7743e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	2.5442e+02	2.9606e+02	4.4255e+01
1514	213	0.0000e+00	0.0000e+00	0.0000e+00	8.7955e+01	3.8788e+01	1.6574e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	6.3806e+01	4.0141e+01	4.2829e+01
	1086	0.0000e+00	0.0000e+00	0.0000e+00	7.9756e+01	1.3171e+02	5.3998e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	1.3058e+02	1.1087e+02	2.7425e+01
1515	212	0.0000e+00	0.0000e+00	0.0000e+00	4.2102e+01	-2.4494e+01	1.2170e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	3.1782e+01	-2.4128e+01	3.4262e+01
	1085	0.0000e+00	0.0000e+00	0.0000e+00	4.7574e+01	3.5213e+01	3.9764e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	6.8827e+01	2.5296e+01	1.8297e+01
1516	211	0.0000e+00	0.0000e+00	0.0000e+00	1.0204e+01	-7.8885e+01	1.2360e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	8.0386e+00	-8.0664e+01	3.0238e+01
	1084	0.0000e+00	0.0000e+00	0.0000e+00	1.9354e+01	-3.2425e+01	3.1801e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	2.8835e+01	-3.7802e+01	1.4224e+01
1517	210	0.0000e+00	0.0000e+00	0.0000e+00	-1.9795e+01	-1.3481e+02	1.5841e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-1.8222e+01	-1.3900e+02	3.0863e+01
	1083	0.0000e+00	0.0000e+00	0.0000e+00	-8.4483e+00	-9.0998e+01	2.9380e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	-5.9227e+00	-9.2486e+01	1.4124e+01
1518	209	0.0000e+00	0.0000e+00	0.0000e+00	-4.7013e+01	-1.9813e+02	2.1567e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-3.8232e+01	-2.0510e+02	3.5199e+01
	1082	0.0000e+00	0.0000e+00	0.0000e+00	-2.8333e+01	-1.5047e+02	3.1203e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	-3.0666e+01	-1.4977e+02	1.7198e+01
1519	208	0.0000e+00	0.0000e+00	0.0000e+00	-7.8297e+01	-2.7904e+02	2.8803e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-5.5517e+01	-2.8858e+02	4.1006e+01
	1081	0.0000e+00	0.0000e+00	0.0000e+00	-4.8620e+01	-2.1713e+02	3.5280e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-5.9780e+01	-2.1558e+02	2.2770e+01
1520	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.2468e+02	-4.1478e+02	3.5521e+01
	1079	0.0000e+00	0.0000e+00	0.0000e+00	-4.5581e+01	-4.1390e+02	3.7824e+01
	1080	0.0000e+00	0.0000e+00	0.0000e+00	-6.3834e+01	-3.0672e+02	3.3380e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	-9.5494e+01	-2.9806e+02	3.0742e+01
1521	12	0.0000e+00	0.0000e+00	0.0000e+00	-9.4479e+01	-1.0369e+03	-1.3502e+02
	1078	0.0000e+00	0.0000e+00	0.0000e+00	9.5087e+01	-4.3697e+02	-2.3437e+02
	1079	0.0000e+00	0.0000e+00	0.0000e+00	2.7032e+01	-5.2763e+02	-2.5337e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.8642e+02	-3.8957e+02	8.3302e+01
1522	1071	0.0000e+00	0.0000e+00	0.0000e+00	-1.1517e+02	5.6388e+02	5.7385e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	3.8410e+02	1.4763e+02	-1.2297e+02
	20	0.0000e+00	0.0000e+00	0.0000e+00	3.3553e+02	1.6255e+03	3.6639e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	-3.2246e+02	1.6381e+02	5.3678e+02
1523	1070	0.0000e+00	0.0000e+00	0.0000e+00	7.9922e+01	1.4442e+02	-4.1638e+01
	1076	0.0000e+00	0.0000e+00	0.0000e+00	1.3323e+02	1.2455e+02	-1.5200e+01
	1077	0.0000e+00	0.0000e+00	0.0000e+00	2.2965e+02	2.9575e+02	-3.1127e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	6.4134e+01	3.1417e+02	-5.9432e+01
1524	1069	0.0000e+00	0.0000e+00	0.0000e+00	3.8829e+01	3.7671e+01	-4.3961e+01

	1075	0.0000e+00	0.0000e+00	0.0000e+00	4.9199e+01	4.2029e+01	-8.1781e+00
	1076	0.0000e+00	0.0000e+00	0.0000e+00	9.9496e+01	1.1443e+02	-1.6032e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	5.8668e+01	1.3397e+02	-5.1024e+01
1525	1068	0.0000e+00	0.0000e+00	0.0000e+00	-1.5860e+01	-3.9689e+01	-4.4670e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-2.1200e+01	-2.8425e+01	-8.8863e+00
	1075	0.0000e+00	0.0000e+00	0.0000e+00	2.5620e+01	2.7474e+01	-8.5708e+00
	1069	0.0000e+00	0.0000e+00	0.0000e+00	2.1173e+01	3.6792e+01	-4.3807e+01
1526	1067	0.0000e+00	0.0000e+00	0.0000e+00	-4.8089e+01	-1.3690e+02	-5.3288e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-9.3028e+01	-1.1447e+02	-1.7885e+01
	1074	0.0000e+00	0.0000e+00	0.0000e+00	-4.4086e+01	-4.3693e+01	-8.3966e+00
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-3.0985e+01	-4.0761e+01	-4.4368e+01
1527	1066	0.0000e+00	0.0000e+00	0.0000e+00	-4.1455e+01	-3.1499e+02	-6.2155e+01
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-2.2262e+02	-2.9394e+02	-3.5620e+01
	1073	0.0000e+00	0.0000e+00	0.0000e+00	-1.2557e+02	-1.2708e+02	-1.5890e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-6.6765e+01	-1.4969e+02	-4.2024e+01
1528	548	0.0000e+00	0.0000e+00	0.0000e+00	3.2581e+02	-1.4758e+02	5.4158e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	-2.5193e+02	-1.6080e+03	3.5200e+02
	1072	0.0000e+00	0.0000e+00	0.0000e+00	-3.7112e+02	-1.6133e+02	-1.3846e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	1.3328e+02	-5.6269e+02	5.5837e+01
1529	1065	0.0000e+00	0.0000e+00	0.0000e+00	-8.2603e+01	1.4200e+02	5.3653e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-7.5944e+01	3.6190e+02	1.2987e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	5.3808e+01	5.4982e+01	2.3738e+02
	644	0.0000e+00	0.0000e+00	0.0000e+00	-5.4187e+01	3.9556e+01	1.6099e+02
1530	1064	0.0000e+00	0.0000e+00	0.0000e+00	-6.5545e+01	1.3634e+02	-1.6805e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	3.1339e+01	1.7746e+02	-7.0501e+01
	1071	0.0000e+00	0.0000e+00	0.0000e+00	-9.1550e+01	2.4517e+02	-5.9476e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-5.6976e+01	1.3899e+02	5.1824e+01
1531	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.9080e+01	4.9461e+01	-4.5334e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	2.2694e+01	5.8284e+01	-6.0929e+01
	1070	0.0000e+00	0.0000e+00	0.0000e+00	2.4745e+01	1.0767e+02	-5.4985e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-3.8361e+01	1.0352e+02	-3.9494e+01
1532	1062	0.0000e+00	0.0000e+00	0.0000e+00	1.9130e+01	-3.1735e+01	-5.2877e+01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-1.5151e+01	-2.3648e+01	-5.7299e+01
	1069	0.0000e+00	0.0000e+00	0.0000e+00	1.7684e+01	2.0568e+01	-5.7321e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.6307e+01	2.8614e+01	-5.2901e+01
1533	1061	0.0000e+00	0.0000e+00	0.0000e+00	4.5254e+01	-1.0557e+02	-3.8343e+01
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-1.7947e+01	-1.1100e+02	-5.5107e+01
	1068	0.0000e+00	0.0000e+00	0.0000e+00	-1.6699e+01	-6.1380e+01	-6.1587e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	2.3137e+01	-5.2681e+01	-4.4797e+01
1534	1060	0.0000e+00	0.0000e+00	0.0000e+00	6.4606e+01	-1.3751e+02	5.4767e+01
	1066	0.0000e+00	0.0000e+00	0.0000e+00	1.0220e+02	-2.4827e+02	-3.5484e+00
	1067	0.0000e+00	0.0000e+00	0.0000e+00	-2.1245e+01	-1.7997e+02	-7.0392e+01
	1061	0.0000e+00	0.0000e+00	0.0000e+00	7.3759e+01	-1.3869e+02	-1.5280e+01
1535	537	0.0000e+00	0.0000e+00	0.0000e+00	6.0042e+01	-3.1685e+01	1.6144e+02
	548	0.0000e+00	0.0000e+00	0.0000e+00	-3.7323e+01	-4.4795e+01	2.3858e+02
	1066	0.0000e+00	0.0000e+00	0.0000e+00	8.7036e+01	-3.5568e+02	1.3299e+02
	1060	0.0000e+00	0.0000e+00	0.0000e+00	8.9337e+01	-1.3804e+02	5.5880e+01
1536	1059	0.0000e+00	0.0000e+00	0.0000e+00	-2.2779e+01	4.3129e+01	4.8768e+01
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-4.4628e+01	1.0208e+02	9.1619e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	2.4149e+01	1.6035e+01	1.2537e+02
	633	0.0000e+00	0.0000e+00	0.0000e+00	-9.1243e+00	-1.0137e+01	8.2497e+01
1537	1058	0.0000e+00	0.0000e+00	0.0000e+00	-3.5413e+01	6.6448e+01	4.5252e+00
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-3.1812e+01	1.0046e+02	-6.5313e+00
	1065	0.0000e+00	0.0000e+00	0.0000e+00	-4.4696e+01	1.2335e+02	4.3124e+01
	1059	0.0000e+00	0.0000e+00	0.0000e+00	-3.0620e+01	5.6291e+01	4.8446e+01
1538	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.8993e+01	3.3717e+01	-2.6744e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.5282e+01	4.4578e+01	-4.6284e+01
	1064	0.0000e+00	0.0000e+00	0.0000e+00	-3.3784e+01	9.2443e+01	-2.4196e+01
	1058	0.0000e+00	0.0000e+00	0.0000e+00	-2.7541e+01	5.4375e+01	-6.2366e+00
1539	1056	0.0000e+00	0.0000e+00	0.0000e+00	1.5147e+01	-1.7050e+01	-2.9603e+01
	1062	0.0000e+00	0.0000e+00	0.0000e+00	1.9725e+01	-2.4944e+01	-4.8789e+01
	1063	0.0000e+00	0.0000e+00	0.0000e+00	-1.5838e+01	2.2012e+01	-4.9217e+01
	1057	0.0000e+00	0.0000e+00	0.0000e+00	-1.2147e+01	1.4879e+01	-3.0086e+01

1540 1055 0.0000e+00 0.0000e+00 0.0000e+00 3.2546e+01 -5.5499e+01 -3.1225e+00  
1061 0.0000e+00 0.0000e+00 0.0000e+00 4.0017e+01 -9.4676e+01 -2.2549e+01  
1062 0.0000e+00 0.0000e+00 0.0000e+00 1.7792e+01 -4.7289e+01 -4.5692e+01  
1056 0.0000e+00 0.0000e+00 0.0000e+00 2.3840e+01 -3.5755e+01 -2.6111e+01

1541 1054 0.0000e+00 0.0000e+00 0.0000e+00 3.4845e+01 -5.5260e+01 4.9634e+01  
1060 0.0000e+00 0.0000e+00 0.0000e+00 5.0606e+01 -1.2228e+02 4.5045e+01  
1061 0.0000e+00 0.0000e+00 0.0000e+00 3.7759e+01 -1.0179e+02 -3.0704e+00  
1055 0.0000e+00 0.0000e+00 0.0000e+00 4.0386e+01 -6.6994e+01 3.0461e+00

1542 526 0.0000e+00 0.0000e+00 0.0000e+00 9.2710e+00 9.6640e+00 8.2114e+01  
537 0.0000e+00 0.0000e+00 0.0000e+00 -1.6785e+01 -9.6465e+00 1.2590e+02  
1060 0.0000e+00 0.0000e+00 0.0000e+00 5.0637e+01 -9.9088e+01 9.3411e+01  
1054 0.0000e+00 0.0000e+00 0.0000e+00 2.6143e+01 -4.0880e+01 4.9596e+01

1543 1053 0.0000e+00 0.0000e+00 0.0000e+00 -5.2715e+00 7.7721e+00 2.7685e+01  
1059 0.0000e+00 0.0000e+00 0.0000e+00 -1.4434e+01 3.3573e+01 5.3210e+01  
633 0.0000e+00 0.0000e+00 0.0000e+00 2.2566e+01 -1.7250e+01 6.5468e+01  
622 0.0000e+00 0.0000e+00 0.0000e+00 1.6662e+01 -1.6938e+01 3.9906e+01

1544 1052 0.0000e+00 0.0000e+00 0.0000e+00 -1.3219e+01 2.5757e+01 5.6803e+00  
1058 0.0000e+00 0.0000e+00 0.0000e+00 -1.9499e+01 4.9507e+01 1.1423e+01  
1059 0.0000e+00 0.0000e+00 0.0000e+00 -1.5387e+01 4.4042e+01 3.3890e+01  
1053 0.0000e+00 0.0000e+00 0.0000e+00 -7.2378e+00 1.7481e+01 2.7787e+01

1545 1051 0.0000e+00 0.0000e+00 0.0000e+00 -9.7519e+00 1.6091e+01 -1.2006e+01  
1057 0.0000e+00 0.0000e+00 0.0000e+00 -1.0889e+01 2.4392e+01 -2.0688e+01  
1058 0.0000e+00 0.0000e+00 0.0000e+00 -2.0822e+01 4.7446e+01 -6.8384e+00  
1052 0.0000e+00 0.0000e+00 0.0000e+00 -1.1692e+01 2.2828e+01 5.1198e+00

1546 1050 0.0000e+00 0.0000e+00 0.0000e+00 7.9161e+00 -7.2098e+00 -1.2230e+01  
1056 0.0000e+00 0.0000e+00 0.0000e+00 1.4802e+01 -1.6744e+01 -2.5371e+01  
1057 0.0000e+00 0.0000e+00 0.0000e+00 -1.1367e+01 1.4779e+01 -2.5778e+01  
1051 0.0000e+00 0.0000e+00 0.0000e+00 -6.4256e+00 5.8685e+00 -1.2770e+01

1547 1049 0.0000e+00 0.0000e+00 0.0000e+00 1.4491e+01 -2.3620e+01 4.0656e+00  
1055 0.0000e+00 0.0000e+00 0.0000e+00 2.4938e+01 -4.8578e+01 -4.4221e+00  
1056 0.0000e+00 0.0000e+00 0.0000e+00 1.3753e+01 -2.6203e+01 -1.9876e+01  
1050 0.0000e+00 0.0000e+00 0.0000e+00 1.2658e+01 -1.7276e+01 -1.1539e+01

1548 1048 0.0000e+00 0.0000e+00 0.0000e+00 8.7022e+00 -1.7197e+01 2.7897e+01  
1054 0.0000e+00 0.0000e+00 0.0000e+00 1.8306e+01 -4.3244e+01 3.4623e+01  
1055 0.0000e+00 0.0000e+00 0.0000e+00 2.3407e+01 -5.0119e+01 1.1683e+01  
1049 0.0000e+00 0.0000e+00 0.0000e+00 1.5860e+01 -2.6111e+01 4.9676e+00

1549 515 0.0000e+00 0.0000e+00 0.0000e+00 -1.4208e+01 1.7202e+01 3.9062e+01  
526 0.0000e+00 0.0000e+00 0.0000e+00 -1.8651e+01 1.8195e+01 6.5142e+01  
1054 0.0000e+00 0.0000e+00 0.0000e+00 1.7060e+01 -3.2070e+01 5.3681e+01  
1048 0.0000e+00 0.0000e+00 0.0000e+00 -3.6508e+00 -6.5865e+00 2.7572e+01

1550 1047 0.0000e+00 0.0000e+00 0.0000e+00 1.2861e+01 -6.9451e+00 1.0474e+01  
1053 0.0000e+00 0.0000e+00 0.0000e+00 7.5099e+00 4.8576e+00 2.6830e+01  
622 0.0000e+00 0.0000e+00 0.0000e+00 2.5407e+01 -2.0803e+01 3.1891e+01  
611 0.0000e+00 0.0000e+00 0.0000e+00 2.3800e+01 -2.1048e+01 1.5402e+01

1551 1046 0.0000e+00 0.0000e+00 0.0000e+00 -3.6720e+00 7.2735e+00 3.1459e+00  
1052 0.0000e+00 0.0000e+00 0.0000e+00 -6.0218e+00 1.8431e+01 9.0422e+00  
1053 0.0000e+00 0.0000e+00 0.0000e+00 5.7627e+00 1.1391e+01 1.8766e+01  
1047 0.0000e+00 0.0000e+00 0.0000e+00 8.4200e+00 -1.4012e+00 1.1016e+01

1552 1045 0.0000e+00 0.0000e+00 0.0000e+00 -3.9551e+00 6.2246e+00 -6.7980e+00  
1051 0.0000e+00 0.0000e+00 0.0000e+00 -5.1744e+00 1.0221e+01 -8.1462e+00  
1052 0.0000e+00 0.0000e+00 0.0000e+00 -7.0678e+00 1.9530e+01 3.5848e+00  
1046 0.0000e+00 0.0000e+00 0.0000e+00 -3.6557e+00 7.6378e+00 3.5083e+00

1553 1044 0.0000e+00 0.0000e+00 0.0000e+00 -3.6696e+00 -2.9410e+00 -6.1668e+00  
1050 0.0000e+00 0.0000e+00 0.0000e+00 7.3095e+00 -8.4095e+00 -1.0962e+01  
1051 0.0000e+00 0.0000e+00 0.0000e+00 -5.4776e+00 7.1570e+00 -1.1303e+01  
1045 0.0000e+00 0.0000e+00 0.0000e+00 -3.5231e+00 2.0297e+00 -6.6533e+00

1554 1043 0.0000e+00 0.0000e+00 0.0000e+00 3.7639e+00 -8.4345e+00 1.7653e+00  
1049 0.0000e+00 0.0000e+00 0.0000e+00 9.0130e+00 -2.0325e+01 8.1549e-01  
1050 0.0000e+00 0.0000e+00 0.0000e+00 6.4028e+00 -1.1433e+01 -7.4486e+00  
1044 0.0000e+00 0.0000e+00 0.0000e+00 4.7832e+00 -7.0560e+00 -6.4417e+00

1555 1042 0.0000e+00 0.0000e+00 0.0000e+00 -7.0233e+00 -1.0066e+00 1.0491e+01  
1048 0.0000e+00 0.0000e+00 0.0000e+00 -3.6720e+00 -1.1273e+01 1.8611e+01  
1049 0.0000e+00 0.0000e+00 0.0000e+00 7.4783e+00 -1.9060e+01 8.7513e+00



	1043	0.0000e+00	0.0000e+00	0.0000e+00	-3.3648e+00	-7.8548e+00	1.4772e+00
1556	504	0.0000e+00	0.0000e+00	0.0000e+00	-2.2763e+01	2.0339e+01	1.4346e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-2.3400e+01	2.0840e+01	3.1015e+01
	1048	0.0000e+00	0.0000e+00	0.0000e+00	-4.9812e+00	-4.1644e+00	2.6510e+01
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.1674e+01	6.2467e+00	9.8228e+00
1557	1041	0.0000e+00	0.0000e+00	0.0000e+00	1.5331e+01	-1.1126e+01	-5.5576e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.4290e+01	-7.8207e+00	8.3971e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	2.6736e+01	-2.2901e+01	1.0262e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	2.5887e+01	-2.4077e+01	-3.2729e+00
1558	1040	0.0000e+00	0.0000e+00	0.0000e+00	7.0819e+00	1.6620e+00	-7.1863e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	5.1838e+00	4.5535e+00	3.4489e+00
	1047	0.0000e+00	0.0000e+00	0.0000e+00	1.1441e+01	-2.5273e+00	5.2026e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	1.2380e+01	-5.3564e+00	-4.7217e+00
1559	1039	0.0000e+00	0.0000e+00	0.0000e+00	-5.9595e+00	2.9311e+00	-6.9327e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-3.8118e+00	3.7814e+00	-5.3712e+00
	1046	0.0000e+00	0.0000e+00	0.0000e+00	4.1895e+00	6.3236e+00	-4.2897e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	6.3229e+00	3.3253e+00	-5.5752e+00
1560	1038	0.0000e+00	0.0000e+00	0.0000e+00	-5.7254e+00	-2.2719e+00	-5.7133e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	3.9183e+00	-3.6557e+00	-6.5703e+00
	1045	0.0000e+00	0.0000e+00	0.0000e+00	-3.7519e+00	2.7321e+00	-6.9429e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-5.8632e+00	1.7424e+00	-6.1166e+00
1561	1037	0.0000e+00	0.0000e+00	0.0000e+00	-6.0120e+00	-4.2201e+00	-4.5590e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-3.6225e+00	-7.1734e+00	-2.9364e+00
	1044	0.0000e+00	0.0000e+00	0.0000e+00	-3.6383e+00	-4.7351e+00	-4.9038e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-5.7241e+00	-3.5609e+00	-6.5512e+00
1562	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.2329e+01	3.9132e+00	-4.2743e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.0464e+01	1.4750e+00	4.2679e+00
	1043	0.0000e+00	0.0000e+00	0.0000e+00	-4.2326e+00	-5.4721e+00	2.0940e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-6.8381e+00	-2.5007e+00	-6.6403e+00
1563	493	0.0000e+00	0.0000e+00	0.0000e+00	-2.6025e+01	2.2263e+01	-4.8615e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	-2.5980e+01	2.1888e+01	9.2169e+00
	1042	0.0000e+00	0.0000e+00	0.0000e+00	-1.3283e+01	6.8196e+00	7.6629e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.5413e+01	9.6315e+00	-5.9570e+00
1564	1035	0.0000e+00	0.0000e+00	0.0000e+00	1.3657e+01	-9.1775e+00	-2.0474e+01
	1041	0.0000e+00	0.0000e+00	0.0000e+00	1.5386e+01	-1.1512e+01	-7.6318e+00
	600	0.0000e+00	0.0000e+00	0.0000e+00	2.5023e+01	-2.4963e+01	-7.3934e+00
	589	0.0000e+00	0.0000e+00	0.0000e+00	2.4422e+01	-2.7324e+01	-2.0394e+01
1565	1034	0.0000e+00	0.0000e+00	0.0000e+00	1.1057e+01	5.2218e+00	-1.4047e+01
	1040	0.0000e+00	0.0000e+00	0.0000e+00	7.7217e+00	1.6636e+00	-6.8459e+00
	1041	0.0000e+00	0.0000e+00	0.0000e+00	1.2223e+01	-5.6716e+00	-9.6641e+00
	1035	0.0000e+00	0.0000e+00	0.0000e+00	1.2352e+01	-2.5830e+00	-1.7019e+01
1566	1033	0.0000e+00	0.0000e+00	0.0000e+00	-1.1059e+01	4.8809e+00	-7.3341e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-7.3198e+00	3.1230e+00	-6.0909e+00
	1040	0.0000e+00	0.0000e+00	0.0000e+00	7.4905e+00	3.1919e+00	-8.7210e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-1.0962e+01	7.2774e+00	-9.9740e+00
1567	1032	0.0000e+00	0.0000e+00	0.0000e+00	1.0397e+01	-3.9819e+00	-5.1697e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-7.1425e+00	-2.2633e+00	-6.3488e+00
	1039	0.0000e+00	0.0000e+00	0.0000e+00	-7.3071e+00	1.6448e+00	-6.8329e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-1.1083e+01	3.8015e+00	-5.6726e+00
1568	1031	0.0000e+00	0.0000e+00	0.0000e+00	-9.7370e+00	-8.2227e+00	-9.0045e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-7.1663e+00	-4.1944e+00	-7.9060e+00
	1038	0.0000e+00	0.0000e+00	0.0000e+00	-6.9566e+00	-3.8661e+00	-5.7404e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	-1.0402e+01	-5.2586e+00	-6.7333e+00
1569	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.2616e+01	1.1666e+00	-1.6681e+01
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.2420e+01	4.0319e+00	-9.5686e+00
	1037	0.0000e+00	0.0000e+00	0.0000e+00	-7.4817e+00	-2.9762e+00	-6.2653e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	-1.0036e+01	-6.5098e+00	-1.3335e+01
1570	482	0.0000e+00	0.0000e+00	0.0000e+00	-2.5796e+01	2.4092e+01	-2.1623e+01
	493	0.0000e+00	0.0000e+00	0.0000e+00	-2.5420e+01	2.2764e+01	-8.9754e+00
	1036	0.0000e+00	0.0000e+00	0.0000e+00	-1.5619e+01	9.5708e+00	-8.0081e+00
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.4159e+01	6.6609e+00	-2.0753e+01
1571	1029	0.0000e+00	0.0000e+00	0.0000e+00	-1.8984e+01	3.0282e+00	-3.7592e+01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	1.3412e+01	-8.5463e+00	-2.1841e+01

	589	0.0000e+00	0.0000e+00	0.0000e+00	1.9814e+01	-2.7412e+01	-2.5731e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	2.2402e+01	-2.8280e+01	-4.1523e+01
1572	1028	0.0000e+00	0.0000e+00	0.0000e+00	-2.0146e+01	1.7955e+01	-1.7688e+01
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-1.3568e+01	8.5647e+00	-1.2615e+01
	1035	0.0000e+00	0.0000e+00	0.0000e+00	1.2557e+01	-1.2495e+00	-2.3187e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-1.8469e+01	1.3250e+01	-2.8300e+01
1573	1027	0.0000e+00	0.0000e+00	0.0000e+00	-1.7756e+01	1.0550e+01	-3.8319e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-1.3823e+01	7.3183e+00	-5.9485e+00
	1034	0.0000e+00	0.0000e+00	0.0000e+00	-1.3717e+01	8.3598e+00	-1.2827e+01
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-2.0209e+01	2.0397e+01	-1.0595e+01
1574	1026	0.0000e+00	0.0000e+00	0.0000e+00	1.6011e+01	-7.5644e+00	-1.3122e+00
	1032	0.0000e+00	0.0000e+00	0.0000e+00	1.2354e+01	-3.7772e+00	-5.1309e+00
	1033	0.0000e+00	0.0000e+00	0.0000e+00	-1.3051e+01	3.4772e+00	-5.7582e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-1.7813e+01	7.8624e+00	-2.2650e+00
1575	1025	0.0000e+00	0.0000e+00	0.0000e+00	1.5576e+01	-2.0980e+01	-9.4520e+00
	1031	0.0000e+00	0.0000e+00	0.0000e+00	1.1408e+01	-9.4855e+00	-1.1749e+01
	1032	0.0000e+00	0.0000e+00	0.0000e+00	1.2061e+01	-7.7068e+00	-5.4406e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	1.5968e+01	-1.0515e+01	-3.0767e+00
1576	1024	0.0000e+00	0.0000e+00	0.0000e+00	1.4130e+01	-1.6354e+01	-2.7278e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.1336e+01	-2.3566e+00	-2.2691e+01
	1031	0.0000e+00	0.0000e+00	0.0000e+00	1.0990e+01	-1.0179e+01	-1.1951e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	1.5424e+01	-1.9238e+01	-1.6530e+01
1577	471	0.0000e+00	0.0000e+00	0.0000e+00	-2.3881e+01	2.2945e+01	-4.2262e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-2.0979e+01	2.3586e+01	-2.7053e+01
	1030	0.0000e+00	0.0000e+00	0.0000e+00	-1.3447e+01	5.5476e+00	-2.1905e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	1.4314e+01	-6.0597e+00	-3.7157e+01
1578	1022	0.0000e+00	0.0000e+00	0.0000e+00	-4.0293e+01	4.7135e+01	-5.2674e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-2.3777e+01	8.6957e+00	-3.3094e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	1.9867e+01	-2.8027e+01	-4.8065e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	3.2058e+01	-3.4262e+01	-6.7708e+01
1579	1020	0.0000e+00	0.0000e+00	0.0000e+00	-2.7874e+01	5.0145e+01	-8.0946e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-2.8742e+01	2.7756e+01	-1.2734e+01
	1029	0.0000e+00	0.0000e+00	0.0000e+00	-2.5345e+01	1.6743e+01	-3.3502e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-3.7350e+01	3.9454e+01	-2.8859e+01
1580	1018	0.0000e+00	0.0000e+00	0.0000e+00	2.2837e+01	2.5927e+01	4.1123e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-2.1983e+01	1.4385e+01	-2.0174e+00
	1028	0.0000e+00	0.0000e+00	0.0000e+00	-2.3794e+01	2.2800e+01	-8.9048e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-2.7853e+01	2.7393e+01	-3.6912e+00
1581	1016	0.0000e+00	0.0000e+00	0.0000e+00	2.1030e+01	-4.5073e+00	4.5939e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	1.8177e+01	-8.0360e+00	1.2222e+00
	1027	0.0000e+00	0.0000e+00	0.0000e+00	-1.9502e+01	8.1403e+00	1.6363e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-2.2960e+01	4.8956e+00	4.5093e+00
1582	1014	0.0000e+00	0.0000e+00	0.0000e+00	2.1464e+01	-2.7113e+01	-3.5256e+00
	1025	0.0000e+00	0.0000e+00	0.0000e+00	1.7861e+01	-2.3717e+01	-7.8504e+00
	1026	0.0000e+00	0.0000e+00	0.0000e+00	1.7974e+01	-1.4120e+01	-1.1829e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-2.1637e+01	-2.5793e+01	3.5908e+00
1583	1012	0.0000e+00	0.0000e+00	0.0000e+00	2.4768e+01	-4.0599e+01	-2.7826e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	1.7596e+01	-2.0338e+01	-3.1793e+01
	1025	0.0000e+00	0.0000e+00	0.0000e+00	2.0637e+01	-2.8760e+01	-1.2002e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	2.2077e+01	-5.1428e+01	-8.0387e+00
1584	460	0.0000e+00	0.0000e+00	0.0000e+00	-2.7155e+01	2.6361e+01	-6.7922e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-1.5635e+01	2.1590e+01	-4.8824e+01
	1024	0.0000e+00	0.0000e+00	0.0000e+00	1.6325e+01	-1.3365e+01	-3.2323e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	2.6246e+01	-5.3603e+01	-5.1444e+01
1585	1023	0.0000e+00	0.0000e+00	0.0000e+00	5.5708e+01	-2.4414e+01	-2.1696e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-5.9235e+01	7.8309e+01	-4.8610e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	-5.7148e+01	-2.8951e+01	-1.1494e+02
	9	0.0000e+00	0.0000e+00	0.0000e+00	9.9131e+01	2.1498e+02	-7.6749e+01
1586	1021	0.0000e+00	0.0000e+00	0.0000e+00	3.4735e+01	-2.5027e+01	-1.4176e+01
	1020	0.0000e+00	0.0000e+00	0.0000e+00	3.1189e+01	5.3368e+01	-1.9576e+01
	1022	0.0000e+00	0.0000e+00	0.0000e+00	-5.2484e+01	5.4168e+01	-2.9936e+01
	1023	0.0000e+00	0.0000e+00	0.0000e+00	5.2849e+01	1.5380e+02	-2.3386e+01
1587	1019	0.0000e+00	0.0000e+00	0.0000e+00	2.3483e+01	-4.9803e+01	-8.9807e+00

	1018	0.0000e+00	0.0000e+00	0.0000e+00	2.4483e+01	2.0658e+01	-8.5814e+00
	1020	0.0000e+00	0.0000e+00	0.0000e+00	-3.0812e+01	3.8596e+01	-1.1287e+01
	1021	0.0000e+00	0.0000e+00	0.0000e+00	3.3088e+01	1.1336e+02	-1.2062e+01
1588	1017	0.0000e+00	0.0000e+00	0.0000e+00	-2.5952e+01	-8.1174e+01	-8.1521e+00
	1016	0.0000e+00	0.0000e+00	0.0000e+00	2.1658e+01	-1.0786e+01	-7.2140e+00
	1018	0.0000e+00	0.0000e+00	0.0000e+00	-2.6460e+01	1.0788e+01	-6.8230e+00
	1019	0.0000e+00	0.0000e+00	0.0000e+00	2.2477e+01	7.9811e+01	-8.0382e+00
1589	1015	0.0000e+00	0.0000e+00	0.0000e+00	-4.0035e+01	-1.1681e+02	-1.3117e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	2.2854e+01	-3.9144e+01	-1.2634e+01
	1016	0.0000e+00	0.0000e+00	0.0000e+00	-2.7798e+01	-2.0402e+01	-8.9370e+00
	1017	0.0000e+00	0.0000e+00	0.0000e+00	-2.5873e+01	4.9950e+01	-9.2610e+00
1590	1013	0.0000e+00	0.0000e+00	0.0000e+00	-6.2254e+01	-1.6050e+02	-2.6794e+01
	1012	0.0000e+00	0.0000e+00	0.0000e+00	3.3986e+01	-5.7361e+01	-3.1668e+01
	1014	0.0000e+00	0.0000e+00	0.0000e+00	-2.9780e+01	-5.2926e+01	-2.0382e+01
	1015	0.0000e+00	0.0000e+00	0.0000e+00	-4.0845e+01	2.6293e+01	-1.5614e+01
1591	8	0.0000e+00	0.0000e+00	0.0000e+00	-7.5492e+01	-2.2938e+02	-8.2351e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	4.5654e+01	1.8539e+01	-1.1299e+02
	1012	0.0000e+00	0.0000e+00	0.0000e+00	3.7762e+01	-8.2950e+01	-5.0588e+01
	1013	0.0000e+00	0.0000e+00	0.0000e+00	-6.4325e+01	2.6926e+01	-2.3437e+01
1592	1005	0.0000e+00	0.0000e+00	0.0000e+00	-1.3349e+02	5.6268e+02	5.5801e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	3.7097e+02	1.6138e+02	-1.3855e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	2.5173e+02	1.6079e+03	3.5194e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	-3.2597e+02	1.4755e+02	5.4157e+02
1593	1004	0.0000e+00	0.0000e+00	0.0000e+00	6.6517e+01	1.4969e+02	-4.2053e+01
	1010	0.0000e+00	0.0000e+00	0.0000e+00	1.2541e+02	1.2707e+02	-1.5914e+01
	1011	0.0000e+00	0.0000e+00	0.0000e+00	2.2248e+02	2.9392e+02	-3.5661e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	4.1257e+01	3.1499e+02	-6.2194e+01
1594	1003	0.0000e+00	0.0000e+00	0.0000e+00	3.0713e+01	4.0761e+01	-4.4393e+01
	1009	0.0000e+00	0.0000e+00	0.0000e+00	4.3907e+01	4.3680e+01	-8.4128e+00
	1010	0.0000e+00	0.0000e+00	0.0000e+00	9.2864e+01	1.1445e+02	-1.7910e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	4.7836e+01	1.3690e+02	-5.3322e+01
1595	1002	0.0000e+00	0.0000e+00	0.0000e+00	-2.1184e+01	-3.6794e+01	-4.3823e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-2.5713e+01	-2.7488e+01	-8.5881e+00
	1009	0.0000e+00	0.0000e+00	0.0000e+00	2.1000e+01	2.8411e+01	-8.9078e+00
	1003	0.0000e+00	0.0000e+00	0.0000e+00	1.5590e+01	3.9690e+01	-4.4696e+01
1596	1001	0.0000e+00	0.0000e+00	0.0000e+00	-5.8803e+01	-1.3396e+02	-5.1027e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-9.9636e+01	-1.1443e+02	-1.6041e+01
	1008	0.0000e+00	0.0000e+00	0.0000e+00	-4.9324e+01	-4.2039e+01	-8.2044e+00
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-3.8941e+01	-3.7671e+01	-4.3976e+01
1597	1000	0.0000e+00	0.0000e+00	0.0000e+00	-6.4185e+01	-3.1415e+02	-5.9421e+01
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-2.2980e+02	-2.9575e+02	-3.1120e+01
	1007	0.0000e+00	0.0000e+00	0.0000e+00	-1.3338e+02	-1.2455e+02	-1.5221e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-8.0073e+01	-1.4439e+02	-4.1645e+01
1598	314	0.0000e+00	0.0000e+00	0.0000e+00	3.2226e+02	-1.6384e+02	5.3677e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	-3.3589e+02	-1.6255e+03	3.6643e+02
	1006	0.0000e+00	0.0000e+00	0.0000e+00	-3.8426e+02	-1.4758e+02	-1.2293e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	1.1487e+02	-5.6385e+02	5.7390e+01
1599	999	0.0000e+00	0.0000e+00	0.0000e+00	-8.9569e+01	1.3802e+02	5.5850e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-8.7214e+01	3.5566e+02	1.3297e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	3.7053e+01	4.4780e+01	2.3855e+02
	410	0.0000e+00	0.0000e+00	0.0000e+00	-6.0246e+01	3.1672e+01	1.6139e+02
1600	998	0.0000e+00	0.0000e+00	0.0000e+00	-7.3979e+01	1.3869e+02	-1.5322e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	2.0961e+01	1.7996e+02	-7.0423e+01
	1005	0.0000e+00	0.0000e+00	0.0000e+00	-1.0239e+02	2.4827e+02	-3.6195e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	-6.4811e+01	1.3750e+02	5.4739e+01
1601	997	0.0000e+00	0.0000e+00	0.0000e+00	-2.3151e+01	5.2689e+01	-4.4828e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	1.6400e+01	6.1378e+01	-6.1613e+01
	1004	0.0000e+00	0.0000e+00	0.0000e+00	1.7727e+01	1.1100e+02	-5.5142e+01
	998	0.0000e+00	0.0000e+00	0.0000e+00	-4.5427e+01	1.0557e+02	-3.8383e+01
1602	996	0.0000e+00	0.0000e+00	0.0000e+00	1.5922e+01	-2.8602e+01	-5.2921e+01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-1.7574e+01	-2.0574e+01	-5.7337e+01
	1003	0.0000e+00	0.0000e+00	0.0000e+00	1.4935e+01	2.3652e+01	-5.7327e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	-1.9059e+01	3.1745e+01	-5.2908e+01

1603	995	0.0000e+00	0.0000e+00	0.0000e+00	3.7933e+01	-1.0350e+02	-3.9502e+01
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-2.4659e+01	-1.0766e+02	-5.4990e+01
	1002	0.0000e+00	0.0000e+00	0.0000e+00	-2.2681e+01	-5.8282e+01	-6.0946e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	1.8647e+01	-4.9443e+01	-4.5353e+01
1604	994	0.0000e+00	0.0000e+00	0.0000e+00	5.6575e+01	-1.3896e+02	5.1826e+01
	1000	0.0000e+00	0.0000e+00	0.0000e+00	9.1239e+01	-2.4514e+02	-5.9676e+00
	1001	0.0000e+00	0.0000e+00	0.0000e+00	-3.1339e+01	-1.7744e+02	-7.0508e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	6.5151e+01	-1.3631e+02	-1.6812e+01
1605	304	0.0000e+00	0.0000e+00	0.0000e+00	5.3817e+01	-3.9560e+01	1.6101e+02
	314	0.0000e+00	0.0000e+00	0.0000e+00	-5.3875e+01	-5.4995e+01	2.3739e+02
	1000	0.0000e+00	0.0000e+00	0.0000e+00	7.5619e+01	-3.6190e+02	1.2986e+02
	994	0.0000e+00	0.0000e+00	0.0000e+00	8.2248e+01	-1.4197e+02	5.3660e+01
1606	993	0.0000e+00	0.0000e+00	0.0000e+00	-2.6370e+01	4.0872e+01	4.9543e+01
	999	0.0000e+00	0.0000e+00	0.0000e+00	-5.0847e+01	9.9069e+01	9.3373e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	1.6352e+01	9.6475e+00	1.2585e+02
	399	0.0000e+00	0.0000e+00	0.0000e+00	-9.2291e+00	-9.6820e+00	8.2048e+01
1607	992	0.0000e+00	0.0000e+00	0.0000e+00	-4.0648e+01	6.6997e+01	3.0201e+00
	998	0.0000e+00	0.0000e+00	0.0000e+00	-3.7928e+01	1.0178e+02	-3.1474e+00
	999	0.0000e+00	0.0000e+00	0.0000e+00	-5.0822e+01	1.2227e+02	4.5007e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	-3.5096e+01	5.5256e+01	4.9581e+01
1608	991	0.0000e+00	0.0000e+00	0.0000e+00	-2.3969e+01	3.5770e+01	-2.6148e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	-1.7722e+01	4.7293e+01	-4.5724e+01
	998	0.0000e+00	0.0000e+00	0.0000e+00	-4.0198e+01	9.4675e+01	-2.2595e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	-3.2767e+01	5.5506e+01	-3.1928e+00
1609	990	0.0000e+00	0.0000e+00	0.0000e+00	1.1515e+01	-1.4846e+01	-3.0108e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	1.5349e+01	-2.2001e+01	-4.9237e+01
	997	0.0000e+00	0.0000e+00	0.0000e+00	-1.9704e+01	2.4954e+01	-4.8822e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.5056e+01	1.7067e+01	-2.9639e+01
1610	989	0.0000e+00	0.0000e+00	0.0000e+00	2.6952e+01	-5.4331e+01	-6.2357e+00
	995	0.0000e+00	0.0000e+00	0.0000e+00	3.3305e+01	-9.2417e+01	-2.4201e+01
	996	0.0000e+00	0.0000e+00	0.0000e+00	1.4824e+01	-4.4562e+01	-4.6305e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	1.8351e+01	-3.3680e+01	-2.6763e+01
1611	988	0.0000e+00	0.0000e+00	0.0000e+00	3.0071e+01	-5.6243e+01	4.8467e+01
	994	0.0000e+00	0.0000e+00	0.0000e+00	4.4254e+01	-1.2332e+02	4.3137e+01
	995	0.0000e+00	0.0000e+00	0.0000e+00	3.1324e+01	-1.0043e+02	-6.5344e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	3.4866e+01	-6.6402e+01	4.5239e+00
1612	294	0.0000e+00	0.0000e+00	0.0000e+00	8.4928e+00	1.0242e+01	8.2550e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	-2.4171e+01	-1.6069e+01	1.2541e+02
	994	0.0000e+00	0.0000e+00	0.0000e+00	4.4186e+01	-1.0206e+02	9.1628e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	2.2214e+01	-4.3086e+01	4.8798e+01
1613	987	0.0000e+00	0.0000e+00	0.0000e+00	2.9300e+00	6.5921e+00	2.7492e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	-1.7223e+01	3.2058e+01	5.3622e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	1.8123e+01	-1.8212e+01	6.5069e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	1.3589e+01	-1.7207e+01	3.8967e+01
1614	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.6109e+01	2.6125e+01	4.8892e+00
	992	0.0000e+00	0.0000e+00	0.0000e+00	-2.3610e+01	5.0119e+01	1.1637e+01
	993	0.0000e+00	0.0000e+00	0.0000e+00	-1.8489e+01	4.3237e+01	3.4562e+01
	987	0.0000e+00	0.0000e+00	0.0000e+00	-8.7853e+00	1.7205e+01	2.7817e+01
1615	985	0.0000e+00	0.0000e+00	0.0000e+00	-1.2767e+01	1.7304e+01	-1.1577e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.3711e+01	2.6216e+01	-1.9913e+01
	992	0.0000e+00	0.0000e+00	0.0000e+00	-2.5156e+01	4.8583e+01	-4.4826e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-1.4686e+01	2.3639e+01	3.9884e+00
1616	984	0.0000e+00	0.0000e+00	0.0000e+00	5.5317e+00	-5.8064e+00	-1.2787e+01
	990	0.0000e+00	0.0000e+00	0.0000e+00	1.0618e+01	-1.4745e+01	-2.5797e+01
	991	0.0000e+00	0.0000e+00	0.0000e+00	-1.4795e+01	1.6761e+01	-2.5410e+01
	985	0.0000e+00	0.0000e+00	0.0000e+00	-7.6624e+00	7.2375e+00	-1.2267e+01
1617	983	0.0000e+00	0.0000e+00	0.0000e+00	1.0824e+01	-2.2754e+01	5.1164e+00
	989	0.0000e+00	0.0000e+00	0.0000e+00	2.0157e+01	-4.7399e+01	-6.8373e+00
	990	0.0000e+00	0.0000e+00	0.0000e+00	1.0144e+01	-2.4354e+01	-2.0707e+01
	984	0.0000e+00	0.0000e+00	0.0000e+00	8.8310e+00	-1.6029e+01	-1.2019e+01
1618	982	0.0000e+00	0.0000e+00	0.0000e+00	6.2789e+00	-1.7406e+01	2.7836e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	1.4694e+01	-4.3989e+01	3.3925e+01
	989	0.0000e+00	0.0000e+00	0.0000e+00	1.8819e+01	-4.9458e+01	1.1421e+01

	983	0.0000e+00	0.0000e+00	0.0000e+00	1.2407e+01	-2.5681e+01	5.6940e+00
1619	284	0.0000e+00	0.0000e+00	0.0000e+00	-1.6896e+01	1.7085e+01	4.0004e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	-2.2747e+01	1.7354e+01	6.5540e+01
	988	0.0000e+00	0.0000e+00	0.0000e+00	1.3732e+01	-3.3527e+01	5.3244e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-4.7325e+00	-7.7531e+00	2.7749e+01
1620	981	0.0000e+00	0.0000e+00	0.0000e+00	1.0984e+01	-6.2306e+00	9.6982e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	4.0097e+00	4.1669e+00	2.6422e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	2.2816e+01	-2.0846e+01	3.0908e+01
	377	0.0000e+00	0.0000e+00	0.0000e+00	2.2141e+01	-2.0328e+01	1.4205e+01
1621	980	0.0000e+00	0.0000e+00	0.0000e+00	-3.0508e+00	7.8867e+00	1.3157e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-7.4959e+00	1.9074e+01	8.6731e+00
	987	0.0000e+00	0.0000e+00	0.0000e+00	2.6391e+00	1.1279e+01	1.8520e+01
	981	0.0000e+00	0.0000e+00	0.0000e+00	6.2427e+00	1.0324e+00	1.0374e+01
1622	979	0.0000e+00	0.0000e+00	0.0000e+00	-4.7829e+00	7.1072e+00	-6.4690e+00
	985	0.0000e+00	0.0000e+00	0.0000e+00	-6.1865e+00	1.1461e+01	-7.4803e+00
	986	0.0000e+00	0.0000e+00	0.0000e+00	-9.1294e+00	2.0343e+01	6.6745e-01
	980	0.0000e+00	0.0000e+00	0.0000e+00	-3.5499e+00	8.4715e+00	1.6092e+00
1623	978	0.0000e+00	0.0000e+00	0.0000e+00	2.8476e+00	-1.9580e+00	-6.6589e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	4.3889e+00	-7.0945e+00	-1.1318e+01
	985	0.0000e+00	0.0000e+00	0.0000e+00	-7.2026e+00	8.4413e+00	-1.0998e+01
	979	0.0000e+00	0.0000e+00	0.0000e+00	-3.2587e+00	2.9977e+00	-6.1909e+00
1624	977	0.0000e+00	0.0000e+00	0.0000e+00	2.8497e+00	-7.5340e+00	3.5144e+00
	983	0.0000e+00	0.0000e+00	0.0000e+00	6.0310e+00	-1.9450e+01	3.5878e+00
	984	0.0000e+00	0.0000e+00	0.0000e+00	4.1329e+00	-1.0154e+01	-8.1531e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	2.9607e+00	-6.1391e+00	-6.8020e+00
1625	976	0.0000e+00	0.0000e+00	0.0000e+00	-8.6857e+00	1.6406e+00	1.1107e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-5.4767e+00	-1.1318e+01	1.8834e+01
	983	0.0000e+00	0.0000e+00	0.0000e+00	4.9306e+00	-1.8347e+01	9.0565e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	3.0658e+00	-7.1742e+00	3.1771e+00
1626	274	0.0000e+00	0.0000e+00	0.0000e+00	-2.4263e+01	2.1261e+01	1.5569e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-2.5767e+01	2.0959e+01	3.2015e+01
	982	0.0000e+00	0.0000e+00	0.0000e+00	-7.4358e+00	-4.8589e+00	2.6900e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.3256e+01	7.1793e+00	1.0594e+01
1627	975	0.0000e+00	0.0000e+00	0.0000e+00	1.4843e+01	-9.5852e+00	-6.0080e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	1.2604e+01	-6.7982e+00	7.5244e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	2.5351e+01	-2.1876e+01	9.0477e+00
	366	0.0000e+00	0.0000e+00	0.0000e+00	2.5406e+01	-2.2225e+01	-4.8744e+00
1628	974	0.0000e+00	0.0000e+00	0.0000e+00	6.6179e+00	2.5567e+00	-6.6942e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	3.5786e+00	5.5050e+00	1.9340e+00
	981	0.0000e+00	0.0000e+00	0.0000e+00	9.7789e+00	-1.4509e+00	4.1115e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	1.1787e+01	-3.8550e+00	-4.3126e+00
1629	973	0.0000e+00	0.0000e+00	0.0000e+00	5.9158e+00	3.6576e+00	-6.5833e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	3.3898e+00	4.7890e+00	-4.9197e+00
	980	0.0000e+00	0.0000e+00	0.0000e+00	3.2391e+00	7.2118e+00	-2.9434e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	5.9118e+00	4.2836e+00	-4.5978e+00
1630	972	0.0000e+00	0.0000e+00	0.0000e+00	6.0657e+00	-1.7659e+00	-6.1223e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	3.3279e+00	-2.6553e+00	-6.9495e+00
	979	0.0000e+00	0.0000e+00	0.0000e+00	-3.8478e+00	3.7210e+00	-6.5952e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	5.9117e+00	2.3988e+00	-5.7365e+00
1631	971	0.0000e+00	0.0000e+00	0.0000e+00	-6.7177e+00	-3.2464e+00	-5.5751e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-4.0973e+00	-6.2155e+00	-4.2922e+00
	978	0.0000e+00	0.0000e+00	0.0000e+00	3.5363e+00	-3.6928e+00	-5.3686e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	-6.1639e+00	-2.8879e+00	-6.9389e+00
1632	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.3010e+01	5.6681e+00	-4.7496e+00
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.1895e+01	2.8288e+00	5.3419e+00
	977	0.0000e+00	0.0000e+00	0.0000e+00	-5.2988e+00	-4.4462e+00	3.4882e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-7.5698e+00	-1.7079e+00	-7.1803e+00
1633	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.6510e+01	2.4385e+01	-3.3142e+00
	274	0.0000e+00	0.0000e+00	0.0000e+00	-2.7258e+01	2.3135e+01	1.0478e+01
	976	0.0000e+00	0.0000e+00	0.0000e+00	-1.4765e+01	8.0567e+00	8.5325e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.5969e+01	1.1423e+01	-5.5497e+00
1634	969	0.0000e+00	0.0000e+00	0.0000e+00	1.3946e+01	-6.5532e+00	-2.0860e+01
	975	0.0000e+00	0.0000e+00	0.0000e+00	1.5082e+01	-9.5085e+00	-8.0797e+00

	366	0.0000e+00	0.0000e+00	0.0000e+00	2.4816e+01	-2.2718e+01	-9.0535e+00
	355	0.0000e+00	0.0000e+00	0.0000e+00	2.5300e+01	-2.4000e+01	-2.1750e+01
1635	968	0.0000e+00	0.0000e+00	0.0000e+00	1.0371e+01	6.5882e+00	-1.3410e+01
	974	0.0000e+00	0.0000e+00	0.0000e+00	7.4206e+00	3.0313e+00	-6.3192e+00
	975	0.0000e+00	0.0000e+00	0.0000e+00	1.1975e+01	-3.9673e+00	-9.6494e+00
	969	0.0000e+00	0.0000e+00	0.0000e+00	1.2486e+01	-1.0175e+00	-1.6776e+01
1636	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.0861e+01	5.3932e+00	-6.7749e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	-7.2880e+00	3.9700e+00	-5.7683e+00
	974	0.0000e+00	0.0000e+00	0.0000e+00	7.2669e+00	4.2623e+00	-7.9649e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	1.0174e+01	8.3127e+00	-9.0707e+00
1637	966	0.0000e+00	0.0000e+00	0.0000e+00	1.1456e+01	-3.8286e+00	-5.6820e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	7.6358e+00	-1.6874e+00	-6.8423e+00
	973	0.0000e+00	0.0000e+00	0.0000e+00	7.4637e+00	2.4070e+00	-6.3766e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.0905e+01	4.1572e+00	-5.1982e+00
1638	965	0.0000e+00	0.0000e+00	0.0000e+00	1.1386e+01	-7.1329e+00	-9.9752e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-7.9638e+00	-3.1089e+00	-8.7174e+00
	972	0.0000e+00	0.0000e+00	0.0000e+00	7.6232e+00	-3.0720e+00	-6.0948e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	1.1481e+01	-4.8486e+00	-7.3462e+00
1639	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.3093e+01	3.0101e+00	-1.6961e+01
	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.2929e+01	5.9969e+00	-9.6260e+00
	971	0.0000e+00	0.0000e+00	0.0000e+00	-8.2661e+00	-1.6334e+00	-6.8426e+00
	965	0.0000e+00	0.0000e+00	0.0000e+00	-1.1558e+01	-5.0663e+00	-1.4033e+01
1640	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.5162e+01	2.7752e+01	-2.0200e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-2.5693e+01	2.5300e+01	-7.2860e+00
	970	0.0000e+00	0.0000e+00	0.0000e+00	-1.6089e+01	1.1822e+01	-7.5948e+00
	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.4407e+01	9.5607e+00	-2.0368e+01
1641	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.4844e+01	6.0745e+00	-3.7256e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	1.3372e+01	-5.3839e+00	-2.2010e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	2.0602e+01	-2.3472e+01	-2.7191e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	2.3725e+01	-2.2740e+01	-4.2400e+01
1642	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.6038e+01	1.9336e+01	-1.6589e+01
	968	0.0000e+00	0.0000e+00	0.0000e+00	-1.1607e+01	1.0270e+01	-1.2024e+01
	969	0.0000e+00	0.0000e+00	0.0000e+00	1.1567e+01	2.3461e+00	-2.2784e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.4671e+01	1.6459e+01	-2.7353e+01
1643	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.6446e+01	1.0659e+01	-3.1103e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.2681e+01	7.8482e+00	-5.4788e+00
	968	0.0000e+00	0.0000e+00	0.0000e+00	-1.2014e+01	9.5808e+00	-1.1810e+01
	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.6211e+01	2.1082e+01	-9.5043e+00
1644	960	0.0000e+00	0.0000e+00	0.0000e+00	1.8127e+01	-7.8523e+00	-2.2461e+00
	966	0.0000e+00	0.0000e+00	0.0000e+00	1.3473e+01	-3.5362e+00	-5.7699e+00
	967	0.0000e+00	0.0000e+00	0.0000e+00	-1.2868e+01	3.9744e+00	-5.1589e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.6514e+01	7.7515e+00	-1.3131e+00
1645	959	0.0000e+00	0.0000e+00	0.0000e+00	2.0421e+01	-2.0168e+01	-1.0605e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	1.4048e+01	-8.1787e+00	-1.2829e+01
	966	0.0000e+00	0.0000e+00	0.0000e+00	1.4136e+01	-7.2400e+00	-5.9575e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	1.8096e+01	-1.0471e+01	-3.8411e+00
1646	958	0.0000e+00	0.0000e+00	0.0000e+00	1.8800e+01	-1.2746e+01	-2.8242e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.3163e+01	1.5153e+00	-2.3116e+01
	965	0.0000e+00	0.0000e+00	0.0000e+00	1.3885e+01	-8.3213e+00	-1.2600e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	2.0382e+01	-1.7670e+01	-1.7684e+01
1647	244	0.0000e+00	0.0000e+00	0.0000e+00	-2.3055e+01	2.8823e+01	-4.1274e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.0585e+01	2.7871e+01	-2.5498e+01
	964	0.0000e+00	0.0000e+00	0.0000e+00	-1.4166e+01	8.9117e+00	-2.1738e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	1.9307e+01	-2.3375e+00	-3.7470e+01
1648	956	0.0000e+00	0.0000e+00	0.0000e+00	-2.6590e+01	5.3798e+01	-5.1490e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.7032e+01	1.3455e+01	-3.2406e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	1.5989e+01	-2.1317e+01	-4.8970e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	2.7329e+01	-2.5942e+01	-6.8036e+01
1649	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.2289e+01	5.1545e+01	-8.0659e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-2.1314e+01	2.8877e+01	-1.2059e+01
	963	0.0000e+00	0.0000e+00	0.0000e+00	-1.8249e+01	2.0457e+01	-3.1843e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-2.5133e+01	4.0727e+01	-2.7845e+01
1650	952	0.0000e+00	0.0000e+00	0.0000e+00	2.1773e+01	2.5910e+01	3.5674e+00

	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.8491e+01	1.4280e+01	-1.1986e+00
	962	0.0000e+00	0.0000e+00	0.0000e+00	-1.8451e+01	2.3830e+01	-7.8855e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.1692e+01	2.7223e+01	-3.5395e+00
1651	950	0.0000e+00	0.0000e+00	0.0000e+00	2.3040e+01	-5.0882e+00	4.5013e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	1.9811e+01	-8.1207e+00	1.5849e+00
	961	0.0000e+00	0.0000e+00	0.0000e+00	-1.8575e+01	8.2404e+00	1.1937e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-2.1170e+01	4.7784e+00	4.5937e+00
1652	948	0.0000e+00	0.0000e+00	0.0000e+00	2.7865e+01	-2.7189e+01	-3.7098e+00
	959	0.0000e+00	0.0000e+00	0.0000e+00	2.3945e+01	-2.2524e+01	-8.9189e+00
	960	0.0000e+00	0.0000e+00	0.0000e+00	2.2180e+01	-1.4281e+01	-2.0348e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	-2.2902e+01	-2.5743e+01	4.1313e+00
1653	946	0.0000e+00	0.0000e+00	0.0000e+00	3.7322e+01	-3.9002e+01	-2.8813e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	2.5485e+01	-1.6140e+01	-3.3459e+01
	959	0.0000e+00	0.0000e+00	0.0000e+00	2.8786e+01	-2.7434e+01	-1.2724e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	2.7854e+01	-4.9709e+01	-8.0833e+00
1654	234	0.0000e+00	0.0000e+00	0.0000e+00	-3.2016e+01	3.4930e+01	-6.7430e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-2.0246e+01	2.8564e+01	-4.7780e+01
	958	0.0000e+00	0.0000e+00	0.0000e+00	2.3911e+01	-7.7696e+00	-3.2991e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	4.0232e+01	-4.6175e+01	-5.2573e+01
1655	957	0.0000e+00	0.0000e+00	0.0000e+00	6.4402e+01	-2.6971e+01	-2.3498e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-3.7760e+01	8.3194e+01	-5.0689e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	-4.6107e+01	-1.7893e+01	-1.1307e+02
	4	0.0000e+00	0.0000e+00	0.0000e+00	7.4966e+01	2.3000e+02	-8.2435e+01
1656	955	0.0000e+00	0.0000e+00	0.0000e+00	4.0847e+01	-2.6293e+01	-1.5645e+01
	954	0.0000e+00	0.0000e+00	0.0000e+00	2.9794e+01	5.3057e+01	-2.0411e+01
	956	0.0000e+00	0.0000e+00	0.0000e+00	-3.4069e+01	5.7536e+01	-3.1719e+01
	957	0.0000e+00	0.0000e+00	0.0000e+00	6.2348e+01	1.6082e+02	-2.6838e+01
1657	953	0.0000e+00	0.0000e+00	0.0000e+00	2.5633e+01	-4.9782e+01	-9.2464e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	2.7788e+01	2.0573e+01	-8.9325e+00
	954	0.0000e+00	0.0000e+00	0.0000e+00	-2.2876e+01	3.9275e+01	-1.2651e+01
	955	0.0000e+00	0.0000e+00	0.0000e+00	4.0043e+01	1.1690e+02	-1.3125e+01
1658	951	0.0000e+00	0.0000e+00	0.0000e+00	-2.1725e+01	-7.9358e+01	-7.9189e+00
	950	0.0000e+00	0.0000e+00	0.0000e+00	2.6416e+01	-1.0733e+01	-6.7608e+00
	952	0.0000e+00	0.0000e+00	0.0000e+00	-2.1579e+01	1.1021e+01	-7.1978e+00
	953	0.0000e+00	0.0000e+00	0.0000e+00	2.5700e+01	8.1109e+01	-8.0909e+00
1659	949	0.0000e+00	0.0000e+00	0.0000e+00	-3.1984e+01	-1.1250e+02	-1.1806e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	3.0712e+01	-3.8276e+01	-1.1141e+01
	950	0.0000e+00	0.0000e+00	0.0000e+00	-2.4251e+01	-2.0506e+01	-8.5025e+00
	951	0.0000e+00	0.0000e+00	0.0000e+00	-2.2718e+01	4.9642e+01	-8.7858e+00
1660	947	0.0000e+00	0.0000e+00	0.0000e+00	-5.1426e+01	-1.5237e+02	-2.2999e+01
	946	0.0000e+00	0.0000e+00	0.0000e+00	5.2396e+01	-5.3499e+01	-2.9725e+01
	948	0.0000e+00	0.0000e+00	0.0000e+00	-3.0795e+01	-5.3000e+01	-1.9427e+01
	949	0.0000e+00	0.0000e+00	0.0000e+00	-3.3611e+01	2.4826e+01	-1.3825e+01
1661	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.7408e+01	-2.1265e+02	-7.6354e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	5.7022e+01	2.9231e+01	-1.1467e+02
	946	0.0000e+00	0.0000e+00	0.0000e+00	5.9027e+01	-7.7414e+01	-4.8282e+01
	947	0.0000e+00	0.0000e+00	0.0000e+00	-5.4233e+01	2.4190e+01	-2.1121e+01
1662	938	0.0000e+00	0.0000e+00	0.0000e+00	-3.0687e+01	5.8441e+02	5.4408e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	3.4778e+02	7.1443e+01	-1.1202e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	3.2506e+02	1.5965e+03	3.4106e+02
	538	0.0000e+00	0.0000e+00	0.0000e+00	-3.2989e+02	1.8239e+02	5.0639e+02
1663	937	0.0000e+00	0.0000e+00	0.0000e+00	8.6304e+01	1.4169e+02	-4.9101e+01
	944	0.0000e+00	0.0000e+00	0.0000e+00	1.4225e+02	1.3852e+02	-1.2634e+01
	945	0.0000e+00	0.0000e+00	0.0000e+00	2.0489e+02	2.9099e+02	-2.3965e+01
	938	0.0000e+00	0.0000e+00	0.0000e+00	9.9165e+01	3.1041e+02	-6.0477e+01
1664	936	0.0000e+00	0.0000e+00	0.0000e+00	4.6550e+01	6.1530e+01	-4.0895e+01
	943	0.0000e+00	0.0000e+00	0.0000e+00	6.2518e+01	6.0707e+01	-7.9731e+00
	944	0.0000e+00	0.0000e+00	0.0000e+00	1.1013e+02	1.2278e+02	-1.6999e+01
	937	0.0000e+00	0.0000e+00	0.0000e+00	6.5841e+01	1.4002e+02	-4.9979e+01
1665	935	0.0000e+00	0.0000e+00	0.0000e+00	7.3173e+00	7.5939e+00	-3.7063e+01
	942	0.0000e+00	0.0000e+00	0.0000e+00	6.9332e+00	1.0553e+01	-8.4833e+00
	943	0.0000e+00	0.0000e+00	0.0000e+00	4.2814e+01	5.2047e+01	-1.0854e+01
	936	0.0000e+00	0.0000e+00	0.0000e+00	2.8833e+01	5.9633e+01	-3.9378e+01

1666 934 0.0000e+00 0.0000e+00 0.0000e+00 -3.1457e+01 -4.8939e+01 -4.0856e+01  
941 0.0000e+00 0.0000e+00 0.0000e+00 -4.7294e+01 -4.0159e+01 -1.1444e+01  
942 0.0000e+00 0.0000e+00 0.0000e+00 -1.0376e+01 2.7256e+00 -8.1585e+00  
935 0.0000e+00 0.0000e+00 0.0000e+00 -9.4479e+00 4.9006e+00 -3.7527e+01

1667 933 0.0000e+00 0.0000e+00 0.0000e+00 -7.0730e+01 -1.3560e+02 -5.3755e+01  
940 0.0000e+00 0.0000e+00 0.0000e+00 -1.1884e+02 -1.1638e+02 -1.8161e+01  
941 0.0000e+00 0.0000e+00 0.0000e+00 -6.8024e+01 -4.9588e+01 -7.7236e+00  
934 0.0000e+00 0.0000e+00 0.0000e+00 -5.0110e+01 -5.1206e+01 -4.3301e+01

1668 932 0.0000e+00 0.0000e+00 0.0000e+00 -1.0618e+02 -3.2014e+02 -6.6803e+01  
939 0.0000e+00 0.0000e+00 0.0000e+00 -2.2219e+02 -2.9789e+02 -2.5906e+01  
940 0.0000e+00 0.0000e+00 0.0000e+00 -1.5339e+02 -1.3410e+02 -1.2633e+01  
933 0.0000e+00 0.0000e+00 0.0000e+00 -9.2908e+01 -1.3831e+02 -5.3528e+01

1669 861 0.0000e+00 0.0000e+00 0.0000e+00 3.3614e+02 -2.0132e+02 5.1889e+02  
17 0.0000e+00 0.0000e+00 0.0000e+00 -3.4663e+02 -1.6637e+03 3.4851e+02  
939 0.0000e+00 0.0000e+00 0.0000e+00 -3.7205e+02 -7.3141e+01 -1.1779e+02  
932 0.0000e+00 0.0000e+00 0.0000e+00 1.9618e+01 -6.0617e+02 5.2597e+01

1670 931 0.0000e+00 0.0000e+00 0.0000e+00 -9.3656e+01 1.7430e+02 4.0637e+01  
938 0.0000e+00 0.0000e+00 0.0000e+00 -4.1772e+01 4.0973e+02 1.0568e+02  
538 0.0000e+00 0.0000e+00 0.0000e+00 4.0319e+01 6.4579e+01 2.2188e+02  
527 0.0000e+00 0.0000e+00 0.0000e+00 -4.2888e+01 6.8161e+01 1.5681e+02

1671 930 0.0000e+00 0.0000e+00 0.0000e+00 -4.7345e+01 1.5513e+02 -2.0574e+01  
937 0.0000e+00 0.0000e+00 0.0000e+00 3.4445e+01 1.7855e+02 -7.3723e+01  
938 0.0000e+00 0.0000e+00 0.0000e+00 -7.2001e+01 2.4506e+02 -2.0433e+01  
931 0.0000e+00 0.0000e+00 0.0000e+00 -4.8606e+01 1.6220e+02 3.2892e+01

1672 929 0.0000e+00 0.0000e+00 0.0000e+00 -4.0025e+00 7.3447e+01 -4.5942e+01  
936 0.0000e+00 0.0000e+00 0.0000e+00 2.5444e+01 7.6842e+01 -5.5296e+01  
937 0.0000e+00 0.0000e+00 0.0000e+00 2.5537e+01 1.2136e+02 -5.4596e+01  
930 0.0000e+00 0.0000e+00 0.0000e+00 -2.1200e+01 1.2336e+02 -4.5253e+01

1673 928 0.0000e+00 0.0000e+00 0.0000e+00 3.8301e+00 1.0354e+01 -5.3928e+01  
935 0.0000e+00 0.0000e+00 0.0000e+00 4.2571e+00 1.5931e+01 -4.9480e+01  
936 0.0000e+00 0.0000e+00 0.0000e+00 1.7802e+01 5.0854e+01 -5.0261e+01  
929 0.0000e+00 0.0000e+00 0.0000e+00 -3.1580e+00 5.8011e+01 -5.4708e+01

1674 927 0.0000e+00 0.0000e+00 0.0000e+00 4.3698e+00 -4.9812e+01 -5.7186e+01  
934 0.0000e+00 0.0000e+00 0.0000e+00 -1.8480e+01 -4.0339e+01 -5.2646e+01  
935 0.0000e+00 0.0000e+00 0.0000e+00 -4.6788e+00 -4.2280e+00 -4.9675e+01  
928 0.0000e+00 0.0000e+00 0.0000e+00 -1.8522e+00 -1.0495e+00 -5.4215e+01

1675 926 0.0000e+00 0.0000e+00 0.0000e+00 2.4050e+01 -1.2059e+02 -5.0078e+01  
933 0.0000e+00 0.0000e+00 0.0000e+00 -2.6738e+01 -1.1634e+02 -5.9564e+01  
934 0.0000e+00 0.0000e+00 0.0000e+00 -2.6605e+01 -6.7801e+01 -5.8221e+01  
927 0.0000e+00 0.0000e+00 0.0000e+00 4.9660e+00 -6.6230e+01 -4.8733e+01

1676 925 0.0000e+00 0.0000e+00 0.0000e+00 5.2527e+01 -1.6755e+02 2.8845e+01  
932 0.0000e+00 0.0000e+00 0.0000e+00 7.2230e+01 -2.5187e+02 -2.6181e+01  
933 0.0000e+00 0.0000e+00 0.0000e+00 -3.6789e+01 -1.7755e+02 -7.9842e+01  
926 0.0000e+00 0.0000e+00 0.0000e+00 5.1119e+01 -1.5491e+02 -2.4821e+01

1677 853 0.0000e+00 0.0000e+00 0.0000e+00 4.6119e+01 -7.8977e+01 1.5855e+02  
861 0.0000e+00 0.0000e+00 0.0000e+00 -4.1582e+01 -7.7799e+01 2.2525e+02  
932 0.0000e+00 0.0000e+00 0.0000e+00 3.8658e+01 -4.2583e+02 1.0389e+02  
925 0.0000e+00 0.0000e+00 0.0000e+00 9.9746e+01 -1.8275e+02 3.7184e+01

1678 924 0.0000e+00 0.0000e+00 0.0000e+00 -3.0950e+01 7.1600e+01 4.5303e+01  
931 0.0000e+00 0.0000e+00 0.0000e+00 -4.4584e+01 1.2979e+02 8.4276e+01  
527 0.0000e+00 0.0000e+00 0.0000e+00 1.5835e+01 4.0914e+01 1.2407e+02  
516 0.0000e+00 0.0000e+00 0.0000e+00 -1.2549e+01 1.9745e+01 8.5087e+01

1679 923 0.0000e+00 0.0000e+00 0.0000e+00 -3.8708e+01 9.5324e+01 -4.6625e+00  
930 0.0000e+00 0.0000e+00 0.0000e+00 -2.4942e+01 1.2469e+02 -1.3401e+01  
931 0.0000e+00 0.0000e+00 0.0000e+00 -4.5312e+01 1.4829e+02 3.3520e+01  
924 0.0000e+00 0.0000e+00 0.0000e+00 -3.6099e+01 8.4524e+01 4.2427e+01

1680 922 0.0000e+00 0.0000e+00 0.0000e+00 -1.8950e+01 6.0535e+01 -3.4324e+01  
929 0.0000e+00 0.0000e+00 0.0000e+00 -5.1514e+00 7.1145e+01 -5.0927e+01  
930 0.0000e+00 0.0000e+00 0.0000e+00 -2.8693e+01 1.1239e+02 -3.0170e+01  
923 0.0000e+00 0.0000e+00 0.0000e+00 -2.8152e+01 8.1582e+01 -1.3644e+01

1681 921 0.0000e+00 0.0000e+00 0.0000e+00 1.9909e+00 1.1132e+01 -4.5753e+01  
928 0.0000e+00 0.0000e+00 0.0000e+00 3.9756e+00 1.4864e+01 -5.7182e+01  
929 0.0000e+00 0.0000e+00 0.0000e+00 -7.8355e+00 5.0414e+01 -5.2086e+01



	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.0950e+01	4.3978e+01	-4.0664e+01
1682	920	0.0000e+00	0.0000e+00	0.0000e+00	1.8583e+01	-3.8153e+01	-4.2858e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	1.2182e+01	-4.2626e+01	-5.4526e+01
	928	0.0000e+00	0.0000e+00	0.0000e+00	1.8858e+00	-5.8960e+00	-5.7580e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	6.4867e+00	-4.2701e+00	-4.5913e+01
1683	919	0.0000e+00	0.0000e+00	0.0000e+00	3.6513e+01	-7.9595e+01	-1.7225e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	3.4010e+01	-1.0959e+02	-3.4606e+01
	927	0.0000e+00	0.0000e+00	0.0000e+00	8.8329e+00	-6.4555e+01	-5.4086e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	2.6853e+01	-5.5723e+01	-3.6701e+01
1684	918	0.0000e+00	0.0000e+00	0.0000e+00	4.5123e+01	-8.7863e+01	3.9132e+01
	925	0.0000e+00	0.0000e+00	0.0000e+00	5.1559e+01	-1.5303e+02	2.9385e+01
	926	0.0000e+00	0.0000e+00	0.0000e+00	2.9577e+01	-1.2392e+02	-1.7730e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	4.7554e+01	-9.5191e+01	-8.0025e+00
1685	845	0.0000e+00	0.0000e+00	0.0000e+00	2.0472e+01	-2.7529e+01	8.3303e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	-1.0966e+01	-4.9780e+01	1.2337e+02
	925	0.0000e+00	0.0000e+00	0.0000e+00	4.9974e+01	-1.3640e+02	8.2123e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	3.9947e+01	-7.6442e+01	4.2058e+01
1686	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.1782e+01	3.1767e+01	2.7844e+01
	924	0.0000e+00	0.0000e+00	0.0000e+00	-2.3315e+01	5.9638e+01	5.2075e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	1.0908e+01	8.4777e+00	6.7632e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	2.9628e+00	5.1977e+00	4.3389e+01
1687	916	0.0000e+00	0.0000e+00	0.0000e+00	-2.3357e+01	5.3328e+01	1.7458e+00
	923	0.0000e+00	0.0000e+00	0.0000e+00	-2.5351e+01	7.8174e+01	4.3070e+00
	924	0.0000e+00	0.0000e+00	0.0000e+00	-2.3647e+01	7.1756e+01	3.0199e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-1.8119e+01	4.4216e+01	2.6741e+01
1688	915	0.0000e+00	0.0000e+00	0.0000e+00	-1.4830e+01	4.0182e+01	-2.0661e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.1859e+01	5.2510e+01	-3.0661e+01
	923	0.0000e+00	0.0000e+00	0.0000e+00	-2.6806e+01	7.3138e+01	-1.2781e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.9919e+01	4.9651e+01	-3.1992e+00
1689	914	0.0000e+00	0.0000e+00	0.0000e+00	2.4582e+00	9.0046e+00	-2.9480e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	4.8418e+00	1.0902e+01	-4.3236e+01
	922	0.0000e+00	0.0000e+00	0.0000e+00	-1.2522e+01	3.9336e+01	-3.7013e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-8.3147e+00	2.8792e+01	-2.3268e+01
1690	913	0.0000e+00	0.0000e+00	0.0000e+00	1.9723e+01	-2.4926e+01	-2.5002e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	2.1837e+01	-3.3963e+01	-3.8986e+01
	921	0.0000e+00	0.0000e+00	0.0000e+00	4.5668e+00	-4.5759e+00	-4.3600e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	9.0734e+00	-4.3870e+00	-2.9617e+01
1691	912	0.0000e+00	0.0000e+00	0.0000e+00	3.1739e+01	-4.8600e+01	-5.8118e+00
	919	0.0000e+00	0.0000e+00	0.0000e+00	3.6791e+01	-7.1319e+01	-1.6309e+01
	920	0.0000e+00	0.0000e+00	0.0000e+00	2.0983e+01	-4.7980e+01	-3.3171e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.6404e+01	-3.7081e+01	-2.2638e+01
1692	911	0.0000e+00	0.0000e+00	0.0000e+00	3.0078e+01	-4.7231e+01	2.3086e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	3.3791e+01	-7.4804e+01	2.6267e+01
	919	0.0000e+00	0.0000e+00	0.0000e+00	3.4949e+01	-7.7756e+01	7.2597e-01
	912	0.0000e+00	0.0000e+00	0.0000e+00	3.5318e+01	-5.3532e+01	-3.0272e+00
1693	837	0.0000e+00	0.0000e+00	0.0000e+00	8.2327e+00	-1.2359e+01	3.9623e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	-1.8601e+00	-1.5422e+01	6.4531e+01
	918	0.0000e+00	0.0000e+00	0.0000e+00	3.2918e+01	-6.4026e+01	4.8900e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	2.3472e+01	-3.5931e+01	2.3995e+01
1694	910	0.0000e+00	0.0000e+00	0.0000e+00	-2.6648e+00	1.5743e+01	1.3036e+01
	917	0.0000e+00	0.0000e+00	0.0000e+00	-8.9194e+00	2.7653e+01	2.8671e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	1.1469e+01	1.1835e+00	3.5395e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	8.7708e+00	-1.3989e+00	1.9734e+01
1695	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.1870e+01	3.1707e+01	1.6152e+00
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.5572e+01	4.5026e+01	5.8398e+00
	917	0.0000e+00	0.0000e+00	0.0000e+00	-9.9570e+00	3.7099e+01	1.8567e+01
	910	0.0000e+00	0.0000e+00	0.0000e+00	-7.0667e+00	2.4674e+01	1.3365e+01
1696	908	0.0000e+00	0.0000e+00	0.0000e+00	-8.0022e+00	2.6222e+01	-1.0254e+01
	915	0.0000e+00	0.0000e+00	0.0000e+00	-8.4675e+00	3.4179e+01	-1.5665e+01
	916	0.0000e+00	0.0000e+00	0.0000e+00	-1.6190e+01	4.4375e+01	-5.2949e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	-1.1164e+01	3.1233e+01	1.6763e+00
1697	907	0.0000e+00	0.0000e+00	0.0000e+00	4.2431e+00	6.2590e+00	-1.4704e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	5.7702e+00	7.2440e+00	-2.5626e+01

	915	0.0000e+00	0.0000e+00	0.0000e+00	-8.0847e+00	2.6452e+01	-2.1397e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-4.0353e+00	1.8956e+01	-1.0502e+01
1698	906	0.0000e+00	0.0000e+00	0.0000e+00	1.7431e+01	-1.6786e+01	-1.1927e+01
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.0540e+01	-2.3030e+01	-2.2991e+01
	914	0.0000e+00	0.0000e+00	0.0000e+00	6.5902e+00	-3.0860e+00	-2.5929e+01
	907	0.0000e+00	0.0000e+00	0.0000e+00	9.1804e+00	-3.4587e+00	-1.4864e+01
1699	905	0.0000e+00	0.0000e+00	0.0000e+00	2.4761e+01	-3.1408e+01	-2.6179e+00
	912	0.0000e+00	0.0000e+00	0.0000e+00	2.8971e+01	-4.3624e+01	-8.2405e+00
	913	0.0000e+00	0.0000e+00	0.0000e+00	2.0810e+01	-3.1368e+01	-1.7725e+01
	906	0.0000e+00	0.0000e+00	0.0000e+00	2.1446e+01	-2.4640e+01	-1.2016e+01
1700	904	0.0000e+00	0.0000e+00	0.0000e+00	2.0524e+01	-2.8393e+01	9.2680e+00
	911	0.0000e+00	0.0000e+00	0.0000e+00	2.2635e+01	-4.0181e+01	1.4399e+01
	912	0.0000e+00	0.0000e+00	0.0000e+00	2.8092e+01	-4.5301e+01	2.3721e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	2.5398e+01	-3.2862e+01	-3.0561e+00
1701	829	0.0000e+00	0.0000e+00	0.0000e+00	4.0572e+00	-6.6306e+00	1.4659e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	5.3245e-01	-7.5357e+00	3.0779e+01
	911	0.0000e+00	0.0000e+00	0.0000e+00	2.1161e+01	-3.1858e+01	2.4640e+01
	904	0.0000e+00	0.0000e+00	0.0000e+00	1.5634e+01	-2.0524e+01	8.5371e+00
1702	903	0.0000e+00	0.0000e+00	0.0000e+00	2.0202e+00	1.0700e+01	1.3913e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	-1.8972e+00	1.4325e+01	1.2434e+01
	494	0.0000e+00	0.0000e+00	0.0000e+00	1.1829e+01	-3.3727e+00	1.4688e+01
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.1006e+01	-4.3022e+00	2.9282e+00
1703	902	0.0000e+00	0.0000e+00	0.0000e+00	-7.2982e+00	2.4191e+01	-1.9683e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	-8.6613e+00	2.8451e+01	3.8379e+00
	910	0.0000e+00	0.0000e+00	0.0000e+00	-3.5801e+00	2.1466e+01	7.5682e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	-3.1618e+00	1.7963e+01	2.9191e+00
1704	901	0.0000e+00	0.0000e+00	0.0000e+00	-4.4752e+00	2.0389e+01	-2.6656e+00
	908	0.0000e+00	0.0000e+00	0.0000e+00	-4.8625e+00	2.3308e+01	-6.0452e+00
	909	0.0000e+00	0.0000e+00	0.0000e+00	-8.9530e+00	2.8721e+01	-2.8114e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	-7.3445e+00	2.4546e+01	1.8304e+00
1705	900	0.0000e+00	0.0000e+00	0.0000e+00	5.4129e+00	4.3953e+00	-2.9016e+00
	907	0.0000e+00	0.0000e+00	0.0000e+00	6.0794e+00	4.9400e+00	-1.1328e+01
	908	0.0000e+00	0.0000e+00	0.0000e+00	-3.7143e+00	1.7978e+01	-9.6336e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	-2.5155e+00	1.5070e+01	-1.5190e+00
1706	899	0.0000e+00	0.0000e+00	0.0000e+00	1.5729e+01	-1.4462e+01	-2.4403e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	1.7510e+01	-1.6275e+01	-1.0985e+01
	907	0.0000e+00	0.0000e+00	0.0000e+00	7.7627e+00	-2.6015e+00	-1.1618e+01
	900	0.0000e+00	0.0000e+00	0.0000e+00	8.2681e+00	-3.1704e+00	-3.0792e+00
1707	898	0.0000e+00	0.0000e+00	0.0000e+00	2.0868e+01	-2.6212e+01	-1.7954e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	2.2921e+01	-2.9317e+01	-5.4214e+00
	906	0.0000e+00	0.0000e+00	0.0000e+00	1.8604e+01	-2.2131e+01	-7.8753e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	1.7780e+01	-2.0308e+01	-4.1929e+00
1708	897	0.0000e+00	0.0000e+00	0.0000e+00	1.6104e+01	-2.3097e+01	-2.0836e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	1.7226e+01	-2.5528e+01	3.0680e+00
	905	0.0000e+00	0.0000e+00	0.0000e+00	2.2445e+01	-2.9957e+01	8.3623e-01
	898	0.0000e+00	0.0000e+00	0.0000e+00	2.0614e+01	-2.6760e+01	-4.7999e+00
1709	821	0.0000e+00	0.0000e+00	0.0000e+00	2.0338e+00	-4.8718e+00	-3.5398e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	1.4500e+00	-4.8134e+00	8.9352e+00
	904	0.0000e+00	0.0000e+00	0.0000e+00	1.4938e+01	-1.9453e+01	7.6736e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	1.3075e+01	-1.6876e+01	-4.7612e+00
1710	896	0.0000e+00	0.0000e+00	0.0000e+00	-4.2710e+00	1.4130e+01	-1.1751e+01
	903	0.0000e+00	0.0000e+00	0.0000e+00	2.1955e+00	1.0715e+01	1.2719e+00
	483	0.0000e+00	0.0000e+00	0.0000e+00	1.0507e+01	-4.8185e+00	-1.7284e+00
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.0823e+01	-5.5977e+00	-1.3063e+01
1711	895	0.0000e+00	0.0000e+00	0.0000e+00	-8.3561e+00	2.7957e+01	-3.1330e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	-7.5702e+00	2.4376e+01	1.8405e+00
	903	0.0000e+00	0.0000e+00	0.0000e+00	-3.5847e+00	1.7720e+01	-2.7926e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	-5.0276e+00	2.1461e+01	-6.6831e+00
1712	894	0.0000e+00	0.0000e+00	0.0000e+00	-4.5168e+00	2.1779e+01	4.8578e+00
	901	0.0000e+00	0.0000e+00	0.0000e+00	-4.5400e+00	2.0180e+01	1.6048e+00
	902	0.0000e+00	0.0000e+00	0.0000e+00	-7.2522e+00	2.4369e+01	-1.8477e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	-8.6639e+00	2.7644e+01	2.6042e+00
1713	893	0.0000e+00	0.0000e+00	0.0000e+00	5.3625e+00	3.8496e+00	7.7426e+00

	900	0.0000e+00	0.0000e+00	0.0000e+00	5.4836e+00	3.8857e+00	7.4693e-01
	901	0.0000e+00	0.0000e+00	0.0000e+00	-2.6001e+00	1.5034e+01	1.0965e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	-3.7741e+00	1.5996e+01	7.3113e+00
1714	892	0.0000e+00	0.0000e+00	0.0000e+00	1.4524e+01	-1.6847e+01	6.1303e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	1.5422e+01	-1.4961e+01	-1.7325e+00
	900	0.0000e+00	0.0000e+00	0.0000e+00	8.0674e+00	-3.1758e+00	7.5091e-01
	893	0.0000e+00	0.0000e+00	0.0000e+00	6.5427e+00	-4.0323e+00	7.5023e+00
1715	891	0.0000e+00	0.0000e+00	0.0000e+00	1.9833e+01	-3.0985e+01	-5.3854e-01
	898	0.0000e+00	0.0000e+00	0.0000e+00	2.0462e+01	-2.6595e+01	-4.2105e+00
	899	0.0000e+00	0.0000e+00	0.0000e+00	1.7550e+01	-2.0642e+01	-8.8391e-01
	892	0.0000e+00	0.0000e+00	0.0000e+00	1.5196e+01	-2.3205e+01	3.1199e+00
1716	890	0.0000e+00	0.0000e+00	0.0000e+00	1.5554e+01	-2.8596e+01	-1.1306e+01
	897	0.0000e+00	0.0000e+00	0.0000e+00	1.6184e+01	-2.3444e+01	-7.2761e+00
	898	0.0000e+00	0.0000e+00	0.0000e+00	2.0691e+01	-2.7554e+01	-2.3529e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	1.9186e+01	-3.2304e+01	-6.3413e+00
1717	813	0.0000e+00	0.0000e+00	0.0000e+00	8.1642e-01	-5.6488e+00	-2.0246e+01
	821	0.0000e+00	0.0000e+00	0.0000e+00	2.5360e+00	-4.9623e+00	-8.3149e+00
	897	0.0000e+00	0.0000e+00	0.0000e+00	1.3083e+01	-1.7534e+01	-5.5374e+00
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.3926e+01	-2.2404e+01	-1.7458e+01
1718	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.1605e+01	2.7275e+01	-2.5119e+01
	896	0.0000e+00	0.0000e+00	0.0000e+00	-5.3970e+00	1.6124e+01	-1.1362e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	6.3887e+00	-4.5425e+00	-1.8304e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	9.5008e+00	-2.3043e+00	-3.2085e+01
1719	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.1245e+01	4.0724e+01	-1.8427e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	-1.1608e+01	3.1692e+01	1.0455e+00
	896	0.0000e+00	0.0000e+00	0.0000e+00	-8.6156e+00	2.4025e+01	-1.1953e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.1181e+01	3.8946e+01	-1.3669e+01
1720	887	0.0000e+00	0.0000e+00	0.0000e+00	-5.2148e+00	2.7141e+01	1.2928e+01
	894	0.0000e+00	0.0000e+00	0.0000e+00	-6.6506e+00	2.3662e+01	7.7026e+00
	895	0.0000e+00	0.0000e+00	0.0000e+00	-9.8978e+00	2.9631e+01	1.2779e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.1859e+01	4.0125e+01	5.9553e+00
1721	886	0.0000e+00	0.0000e+00	0.0000e+00	4.1124e+00	3.3505e+00	1.7006e+01
	893	0.0000e+00	0.0000e+00	0.0000e+00	4.3010e+00	3.5818e+00	9.8684e+00
	894	0.0000e+00	0.0000e+00	0.0000e+00	-4.0034e+00	1.7041e+01	8.1411e+00
	887	0.0000e+00	0.0000e+00	0.0000e+00	-5.3393e+00	2.0787e+01	1.5261e+01
1722	885	0.0000e+00	0.0000e+00	0.0000e+00	1.0808e+01	-2.3032e+01	1.4241e+01
	892	0.0000e+00	0.0000e+00	0.0000e+00	1.3568e+01	-1.8546e+01	7.0337e+00
	893	0.0000e+00	0.0000e+00	0.0000e+00	6.8687e+00	-4.3544e+00	9.4893e+00
	886	0.0000e+00	0.0000e+00	0.0000e+00	3.8621e+00	-4.7829e+00	1.6692e+01
1723	884	0.0000e+00	0.0000e+00	0.0000e+00	1.7590e+01	-4.5273e+01	3.3825e+00
	891	0.0000e+00	0.0000e+00	0.0000e+00	1.9958e+01	-3.3718e+01	-2.1416e+00
	892	0.0000e+00	0.0000e+00	0.0000e+00	1.6463e+01	-2.5750e+01	5.7987e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	1.0262e+01	-2.9944e+01	1.1252e+01
1724	883	0.0000e+00	0.0000e+00	0.0000e+00	1.6772e+01	-4.8773e+01	-1.8379e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.8487e+01	-3.2023e+01	-1.6941e+01
	891	0.0000e+00	0.0000e+00	0.0000e+00	2.1676e+01	-3.6898e+01	-3.5455e+00
	884	0.0000e+00	0.0000e+00	0.0000e+00	1.6485e+01	-4.6872e+01	-4.9918e+00
1725	805	0.0000e+00	0.0000e+00	0.0000e+00	-1.9961e+00	-1.2674e+01	-4.0224e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	5.0317e+00	-7.7558e+00	-2.6219e+01
	890	0.0000e+00	0.0000e+00	0.0000e+00	1.4649e+01	-2.5435e+01	-1.7267e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	1.6580e+01	-3.8359e+01	-3.1272e+01
1726	881	0.0000e+00	0.0000e+00	0.0000e+00	-1.7373e+01	8.2269e+01	-3.5102e+01
	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.9491e+01	3.6088e+01	-1.8051e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	-6.9469e+00	2.3876e+00	-3.8288e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	9.9171e+00	-5.4221e+00	-5.5350e+01
1727	879	0.0000e+00	0.0000e+00	0.0000e+00	6.1832e+00	7.1271e+01	9.3837e+00
	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.8882e+01	4.9898e+01	3.3265e+00
	889	0.0000e+00	0.0000e+00	0.0000e+00	-1.5581e+01	4.3408e+01	-1.6235e+01
	881	0.0000e+00	0.0000e+00	0.0000e+00	-1.8459e+01	6.0789e+01	-1.0171e+01
1728	877	0.0000e+00	0.0000e+00	0.0000e+00	4.5558e+00	4.2482e+01	1.9670e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-8.1574e+00	2.9816e+01	1.5032e+01
	888	0.0000e+00	0.0000e+00	0.0000e+00	-1.0879e+01	4.3728e+01	8.5868e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	-7.3916e+00	4.3940e+01	1.3214e+01

1729	875	0.0000e+00	0.0000e+00	0.0000e+00	2.9911e+00	1.1613e+01	2.1615e+01
	886	0.0000e+00	0.0000e+00	0.0000e+00	2.7752e+00	2.5844e+00	1.8727e+01
	887	0.0000e+00	0.0000e+00	0.0000e+00	-4.2741e+00	2.2828e+01	1.7425e+01
	877	0.0000e+00	0.0000e+00	0.0000e+00	-4.2275e+00	1.6317e+01	2.0312e+01
1730	873	0.0000e+00	0.0000e+00	0.0000e+00	1.9273e+00	-1.9609e+01	1.9297e+01
	885	0.0000e+00	0.0000e+00	0.0000e+00	7.1890e+00	-2.5891e+01	1.6476e+01
	886	0.0000e+00	0.0000e+00	0.0000e+00	4.6527e+00	-4.7101e+00	1.8289e+01
	875	0.0000e+00	0.0000e+00	0.0000e+00	-3.8677e+00	-1.4586e+01	2.1108e+01
1731	871	0.0000e+00	0.0000e+00	0.0000e+00	2.4938e+00	-4.9785e+01	1.0628e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	1.4215e+01	-4.9820e+01	6.1396e+00
	885	0.0000e+00	0.0000e+00	0.0000e+00	1.1719e+01	-3.3386e+01	1.3148e+01
	873	0.0000e+00	0.0000e+00	0.0000e+00	-4.5250e+00	-4.7426e+01	1.7633e+01
1732	869	0.0000e+00	0.0000e+00	0.0000e+00	1.4024e+01	-7.1387e+01	-1.4639e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	1.8676e+01	-5.4371e+01	-2.0734e+01
	884	0.0000e+00	0.0000e+00	0.0000e+00	2.2687e+01	-5.7026e+01	-7.7770e-01
	871	0.0000e+00	0.0000e+00	0.0000e+00	-2.4891e+00	-8.0616e+01	5.8788e+00
1733	797	0.0000e+00	0.0000e+00	0.0000e+00	-7.6556e+00	-1.3094e+01	-6.4060e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	8.3108e+00	-1.6995e+01	-4.7068e+01
	883	0.0000e+00	0.0000e+00	0.0000e+00	2.3764e+01	-4.8907e+01	-2.4039e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.0997e+01	-9.8719e+01	-4.1031e+01
1734	882	0.0000e+00	0.0000e+00	0.0000e+00	5.1470e+01	-4.5846e+00	-8.1999e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	-1.8326e+01	1.1041e+02	-3.5787e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	-5.3120e+01	1.0312e+01	-9.8829e+01
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.7141e+01	2.4643e+02	-6.6870e+01
1735	880	0.0000e+00	0.0000e+00	0.0000e+00	2.9518e+01	-5.4950e+00	-4.2771e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	1.6045e+01	7.0583e+01	-4.2289e+00
	881	0.0000e+00	0.0000e+00	0.0000e+00	-1.9353e+01	7.8762e+01	-1.4545e+01
	882	0.0000e+00	0.0000e+00	0.0000e+00	5.2331e+01	1.7553e+02	-1.1233e+01
1736	878	0.0000e+00	0.0000e+00	0.0000e+00	1.0331e+01	-3.1868e+01	6.2143e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	1.4533e+01	3.6719e+01	6.8004e+00
	879	0.0000e+00	0.0000e+00	0.0000e+00	-7.4150e+00	5.5877e+01	4.1574e+00
	880	0.0000e+00	0.0000e+00	0.0000e+00	3.0876e+01	1.3047e+02	4.2548e+00
1737	876	0.0000e+00	0.0000e+00	0.0000e+00	-8.5033e+00	-6.4500e+01	7.1865e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	8.6965e+00	4.2695e+00	8.8124e+00
	877	0.0000e+00	0.0000e+00	0.0000e+00	-8.4341e+00	2.4535e+01	8.6014e+00
	878	0.0000e+00	0.0000e+00	0.0000e+00	1.1962e+01	9.3783e+01	7.0427e+00
1738	874	0.0000e+00	0.0000e+00	0.0000e+00	-2.6156e+01	-1.0224e+02	4.8882e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	2.9184e+00	-2.9212e+01	6.5831e+00
	875	0.0000e+00	0.0000e+00	0.0000e+00	-1.4168e+01	-8.1986e+00	8.3400e+00
	876	0.0000e+00	0.0000e+00	0.0000e+00	-6.3597e+00	6.1369e+01	6.5924e+00
1739	872	0.0000e+00	0.0000e+00	0.0000e+00	-4.6731e+01	-1.4668e+02	-2.9798e+00
	871	0.0000e+00	0.0000e+00	0.0000e+00	-1.4680e+00	-6.3603e+01	-1.6175e+00
	873	0.0000e+00	0.0000e+00	0.0000e+00	-2.0783e+01	-4.2272e+01	3.9007e+00
	874	0.0000e+00	0.0000e+00	0.0000e+00	-2.4062e+01	3.1736e+01	2.8958e+00
1740	870	0.0000e+00	0.0000e+00	0.0000e+00	-7.1028e+01	-2.0221e+02	-1.7978e+01
	869	0.0000e+00	0.0000e+00	0.0000e+00	1.0148e+01	-9.2112e+01	-2.1504e+01
	871	0.0000e+00	0.0000e+00	0.0000e+00	-2.3214e+01	-7.9969e+01	-9.4597e+00
	872	0.0000e+00	0.0000e+00	0.0000e+00	-4.4861e+01	6.0355e+00	-6.0501e+00
1741	6	0.0000e+00	0.0000e+00	0.0000e+00	-5.5815e+01	-2.8819e+02	-7.7257e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	5.2375e+01	-3.0421e+01	-1.0904e+02
	869	0.0000e+00	0.0000e+00	0.0000e+00	2.2859e+00	-1.2779e+02	-4.5036e+01
	870	0.0000e+00	0.0000e+00	0.0000e+00	-6.9485e+01	2.4740e+00	-1.3326e+01
1742	860	0.0000e+00	0.0000e+00	0.0000e+00	-1.9760e+01	6.0618e+02	5.2590e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	3.7199e+02	7.3183e+01	-1.1785e+02
	17	0.0000e+00	0.0000e+00	0.0000e+00	3.4639e+02	1.6637e+03	3.4846e+02
	861	0.0000e+00	0.0000e+00	0.0000e+00	-3.3622e+02	2.0129e+02	5.1890e+02
1743	859	0.0000e+00	0.0000e+00	0.0000e+00	9.2817e+01	1.3832e+02	-5.3533e+01
	867	0.0000e+00	0.0000e+00	0.0000e+00	1.5333e+02	1.3410e+02	-1.2651e+01
	868	0.0000e+00	0.0000e+00	0.0000e+00	2.2213e+02	2.9788e+02	-2.5935e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	1.0606e+02	3.2015e+02	-6.6820e+01
1744	858	0.0000e+00	0.0000e+00	0.0000e+00	5.0028e+01	5.1212e+01	-4.3305e+01
	866	0.0000e+00	0.0000e+00	0.0000e+00	6.7974e+01	4.9588e+01	-7.7298e+00
	867	0.0000e+00	0.0000e+00	0.0000e+00	1.1879e+02	1.1637e+02	-1.8176e+01

	859	0.0000e+00	0.0000e+00	0.0000e+00	7.0643e+01	1.3561e+02	-5.3767e+01
1745	857	0.0000e+00	0.0000e+00	0.0000e+00	9.3615e+00	-4.8980e+00	-3.7526e+01
	865	0.0000e+00	0.0000e+00	0.0000e+00	1.0325e+01	-2.7285e+00	-8.1570e+00
	866	0.0000e+00	0.0000e+00	0.0000e+00	4.7244e+01	4.0156e+01	-1.1450e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	3.1376e+01	4.8944e+01	-4.0862e+01
1746	856	0.0000e+00	0.0000e+00	0.0000e+00	-2.8909e+01	-5.9626e+01	-3.9372e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-4.2863e+01	-5.2048e+01	-1.0846e+01
	865	0.0000e+00	0.0000e+00	0.0000e+00	-6.9784e+00	-1.0556e+01	-8.4822e+00
	857	0.0000e+00	0.0000e+00	0.0000e+00	-7.3819e+00	-7.5903e+00	-3.7063e+01
1747	855	0.0000e+00	0.0000e+00	0.0000e+00	-6.5928e+01	-1.4000e+02	-4.9965e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.1018e+02	-1.2278e+02	-1.6984e+01
	864	0.0000e+00	0.0000e+00	0.0000e+00	-6.2569e+01	-6.0705e+01	-7.9670e+00
	856	0.0000e+00	0.0000e+00	0.0000e+00	-4.6629e+01	-6.1523e+01	-4.0890e+01
1748	854	0.0000e+00	0.0000e+00	0.0000e+00	-9.9288e+01	-3.1039e+02	-6.0458e+01
	862	0.0000e+00	0.0000e+00	0.0000e+00	-2.0495e+02	-2.9098e+02	-2.3941e+01
	863	0.0000e+00	0.0000e+00	0.0000e+00	-1.4230e+02	-1.3851e+02	-1.2622e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-8.6396e+01	-1.4167e+02	-4.9093e+01
1749	431	0.0000e+00	0.0000e+00	0.0000e+00	3.2980e+02	-1.8242e+02	5.0638e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	-3.2534e+02	-1.5965e+03	3.4111e+02
	862	0.0000e+00	0.0000e+00	0.0000e+00	-3.4784e+02	-7.1403e+01	-1.1196e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	3.0592e+01	-5.8439e+02	5.4418e+01
1750	852	0.0000e+00	0.0000e+00	0.0000e+00	-9.9885e+01	1.8275e+02	3.7190e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	-3.8779e+01	4.2582e+02	1.0389e+02
	861	0.0000e+00	0.0000e+00	0.0000e+00	4.1463e+01	7.7780e+01	2.2525e+02
	853	0.0000e+00	0.0000e+00	0.0000e+00	-4.6258e+01	7.8967e+01	1.5855e+02
1751	851	0.0000e+00	0.0000e+00	0.0000e+00	-5.1258e+01	1.5492e+02	-2.4819e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	3.6685e+01	1.7756e+02	-7.9847e+01
	860	0.0000e+00	0.0000e+00	0.0000e+00	-7.2344e+01	2.5188e+02	-2.6182e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	-5.2669e+01	1.6755e+02	2.8850e+01
1752	850	0.0000e+00	0.0000e+00	0.0000e+00	-5.0735e+00	6.6239e+01	-4.8733e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	2.6508e+01	6.7806e+01	-5.8225e+01
	859	0.0000e+00	0.0000e+00	0.0000e+00	2.6635e+01	1.1635e+02	-5.9571e+01
	851	0.0000e+00	0.0000e+00	0.0000e+00	-2.4183e+01	1.2060e+02	-5.0080e+01
1753	849	0.0000e+00	0.0000e+00	0.0000e+00	1.6814e+00	1.0642e+00	-5.4214e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	4.5658e+00	4.2342e+00	-4.9675e+01
	858	0.0000e+00	0.0000e+00	0.0000e+00	1.8381e+01	4.0343e+01	-5.2650e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	-4.4655e+00	4.9820e+01	-5.7189e+01
1754	848	0.0000e+00	0.0000e+00	0.0000e+00	2.9786e+00	-5.8001e+01	-5.4706e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	-1.7886e+01	-5.0849e+01	-5.0256e+01
	857	0.0000e+00	0.0000e+00	0.0000e+00	-4.3100e+00	-1.5928e+01	-4.9480e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	-3.8803e+00	-1.0346e+01	-5.3931e+01
1755	847	0.0000e+00	0.0000e+00	0.0000e+00	2.1036e+01	-1.2335e+02	-4.5251e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-2.5628e+01	-1.2135e+02	-5.4588e+01
	856	0.0000e+00	0.0000e+00	0.0000e+00	-2.5532e+01	-7.6835e+01	-5.5292e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	3.8195e+00	-7.3435e+01	-4.5944e+01
1756	846	0.0000e+00	0.0000e+00	0.0000e+00	4.8443e+01	-1.6220e+02	3.2890e+01
	854	0.0000e+00	0.0000e+00	0.0000e+00	7.1877e+01	-2.4505e+02	-2.0431e+01
	855	0.0000e+00	0.0000e+00	0.0000e+00	-3.4541e+01	-1.7854e+02	-7.3717e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	4.7187e+01	-1.5512e+02	-2.0576e+01
1757	420	0.0000e+00	0.0000e+00	0.0000e+00	4.2727e+01	-6.8171e+01	1.5681e+02
	431	0.0000e+00	0.0000e+00	0.0000e+00	-4.0431e+01	-6.4601e+01	2.2188e+02
	854	0.0000e+00	0.0000e+00	0.0000e+00	4.1640e+01	-4.0973e+02	1.0568e+02
	846	0.0000e+00	0.0000e+00	0.0000e+00	9.3502e+01	-1.7430e+02	4.0634e+01
1758	844	0.0000e+00	0.0000e+00	0.0000e+00	-4.0143e+01	7.6441e+01	4.2063e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	-5.0129e+01	1.3640e+02	8.2130e+01
	853	0.0000e+00	0.0000e+00	0.0000e+00	1.0812e+01	4.9770e+01	1.2337e+02
	845	0.0000e+00	0.0000e+00	0.0000e+00	-2.0668e+01	2.7526e+01	8.3302e+01
1759	843	0.0000e+00	0.0000e+00	0.0000e+00	-4.7750e+01	9.5196e+01	-7.9972e+00
	851	0.0000e+00	0.0000e+00	0.0000e+00	-2.9728e+01	1.2392e+02	-1.7725e+01
	852	0.0000e+00	0.0000e+00	0.0000e+00	-5.1711e+01	1.5303e+02	2.9388e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	-4.5320e+01	8.7864e+01	3.9135e+01
1760	842	0.0000e+00	0.0000e+00	0.0000e+00	-2.7043e+01	5.5730e+01	-3.6698e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	-8.9655e+00	6.4560e+01	-5.4085e+01

	851	0.0000e+00	0.0000e+00	0.0000e+00	-3.4160e+01	1.0960e+02	-3.4606e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	-3.6707e+01	7.9600e+01	-1.7223e+01
1761	841	0.0000e+00	0.0000e+00	0.0000e+00	-6.6355e+00	4.2791e+00	-4.5913e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	-1.8311e+00	5.9033e+00	-5.7580e+01
	850	0.0000e+00	0.0000e+00	0.0000e+00	-1.2317e+01	4.2631e+01	-5.4528e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	-1.8768e+01	3.8160e+01	-4.2860e+01
1762	840	0.0000e+00	0.0000e+00	0.0000e+00	1.0711e+01	-4.3968e+01	-4.0666e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	7.6399e+00	-5.0408e+01	-5.2086e+01
	849	0.0000e+00	0.0000e+00	0.0000e+00	-4.0415e+00	-1.4859e+01	-5.7184e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	-1.9464e+00	-1.1125e+01	-4.5758e+01
1763	839	0.0000e+00	0.0000e+00	0.0000e+00	2.7926e+01	-8.1571e+01	-1.3649e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	2.8515e+01	-1.1238e+02	-3.0171e+01
	848	0.0000e+00	0.0000e+00	0.0000e+00	4.9358e+00	-7.1137e+01	-5.0929e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.8722e+01	-6.0524e+01	-3.4331e+01
1764	838	0.0000e+00	0.0000e+00	0.0000e+00	3.5873e+01	-8.4515e+01	4.2423e+01
	846	0.0000e+00	0.0000e+00	0.0000e+00	4.5136e+01	-1.4829e+02	3.3518e+01
	847	0.0000e+00	0.0000e+00	0.0000e+00	2.4759e+01	-1.2468e+02	-1.3408e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	3.8486e+01	-9.5312e+01	-4.6702e+00
1765	409	0.0000e+00	0.0000e+00	0.0000e+00	1.2302e+01	-1.9747e+01	8.5089e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	-1.5955e+01	-4.0924e+01	1.2407e+02
	846	0.0000e+00	0.0000e+00	0.0000e+00	4.4404e+01	-1.2979e+02	8.4271e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	3.0726e+01	-7.1595e+01	4.5297e+01
1766	836	0.0000e+00	0.0000e+00	0.0000e+00	-2.3743e+01	3.5933e+01	2.4001e+01
	844	0.0000e+00	0.0000e+00	0.0000e+00	-3.3134e+01	6.4023e+01	4.8905e+01
	845	0.0000e+00	0.0000e+00	0.0000e+00	1.6405e+00	1.5417e+01	6.4530e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-8.5057e+00	1.2362e+01	3.9621e+01
1767	835	0.0000e+00	0.0000e+00	0.0000e+00	-3.5588e+01	5.3535e+01	-3.0207e+00
	843	0.0000e+00	0.0000e+00	0.0000e+00	-3.5164e+01	7.7756e+01	7.2258e-01
	844	0.0000e+00	0.0000e+00	0.0000e+00	-3.4006e+01	7.4802e+01	2.6269e+01
	836	0.0000e+00	0.0000e+00	0.0000e+00	-3.0349e+01	4.7234e+01	2.3088e+01
1768	834	0.0000e+00	0.0000e+00	0.0000e+00	-2.6670e+01	3.7084e+01	-2.2635e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	-2.1191e+01	4.7982e+01	-3.3168e+01
	843	0.0000e+00	0.0000e+00	0.0000e+00	-3.7004e+01	7.1320e+01	-1.6307e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-3.2008e+01	4.8603e+01	-5.8090e+00
1769	833	0.0000e+00	0.0000e+00	0.0000e+00	-9.3206e+00	4.3914e+00	-2.9619e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	-4.7143e+00	4.5807e+00	-4.3601e+01
	842	0.0000e+00	0.0000e+00	0.0000e+00	-2.2044e+01	3.3965e+01	-3.8988e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	-1.9985e+01	2.4929e+01	-2.5005e+01
1770	832	0.0000e+00	0.0000e+00	0.0000e+00	7.9980e+00	-2.8784e+01	-2.3275e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.2268e+01	-3.9331e+01	-3.7017e+01
	841	0.0000e+00	0.0000e+00	0.0000e+00	-4.9886e+00	-1.0898e+01	-4.3242e+01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-2.6096e+00	-9.0001e+00	-2.9488e+01
1771	831	0.0000e+00	0.0000e+00	0.0000e+00	1.9616e+01	-4.9640e+01	-3.2064e+00
	839	0.0000e+00	0.0000e+00	0.0000e+00	2.6562e+01	-7.3131e+01	-1.2787e+01
	840	0.0000e+00	0.0000e+00	0.0000e+00	1.1599e+01	-5.2504e+01	-3.0669e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	1.4528e+01	-4.0173e+01	-2.0673e+01
1772	830	0.0000e+00	0.0000e+00	0.0000e+00	1.7811e+01	-4.4203e+01	2.6734e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	2.3398e+01	-7.1751e+01	3.0196e+01
	839	0.0000e+00	0.0000e+00	0.0000e+00	2.5101e+01	-7.8167e+01	4.2980e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	2.3058e+01	-5.3316e+01	1.7353e+00
1773	398	0.0000e+00	0.0000e+00	0.0000e+00	-3.1707e+00	-5.1962e+00	4.3389e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	-1.1097e+01	-8.4838e+00	6.7633e+01
	838	0.0000e+00	0.0000e+00	0.0000e+00	2.3060e+01	-5.9634e+01	5.2067e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	1.1472e+01	-3.1756e+01	2.7834e+01
1774	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.5991e+01	2.0530e+01	8.5444e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-2.1457e+01	3.1857e+01	2.4646e+01
	837	0.0000e+00	0.0000e+00	0.0000e+00	-7.5722e-01	7.5353e+00	3.0777e+01
	829	0.0000e+00	0.0000e+00	0.0000e+00	-4.4164e+00	6.6389e+00	1.4658e+01
1775	827	0.0000e+00	0.0000e+00	0.0000e+00	-2.5753e+01	3.2863e+01	-3.0491e+00
	835	0.0000e+00	0.0000e+00	0.0000e+00	-2.8385e+01	4.5299e+01	2.3778e+00
	836	0.0000e+00	0.0000e+00	0.0000e+00	-2.2930e+01	4.0179e+01	1.4400e+01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-2.0883e+01	2.8399e+01	9.2716e+00
1776	826	0.0000e+00	0.0000e+00	0.0000e+00	-2.1799e+01	2.4637e+01	-1.2012e+01

	834	0.0000e+00	0.0000e+00	0.0000e+00	-2.1098e+01	3.1365e+01	-1.7722e+01
	835	0.0000e+00	0.0000e+00	0.0000e+00	-2.9263e+01	4.3622e+01	-8.2379e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-2.5115e+01	3.1408e+01	-2.6136e+00
1777	825	0.0000e+00	0.0000e+00	0.0000e+00	-9.5345e+00	3.4554e+00	-1.4869e+01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-6.8568e+00	3.0855e+00	-2.5932e+01
	834	0.0000e+00	0.0000e+00	0.0000e+00	-2.0828e+01	2.3027e+01	-2.2994e+01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.7783e+01	1.6782e+01	-1.1930e+01
1778	824	0.0000e+00	0.0000e+00	0.0000e+00	3.6815e+00	-1.8954e+01	-1.0514e+01
	832	0.0000e+00	0.0000e+00	0.0000e+00	7.7559e+00	-2.6450e+01	-2.1405e+01
	833	0.0000e+00	0.0000e+00	0.0000e+00	-6.0329e+00	-7.2454e+00	-2.5634e+01
	825	0.0000e+00	0.0000e+00	0.0000e+00	-4.5914e+00	-6.2613e+00	-1.4716e+01
1779	823	0.0000e+00	0.0000e+00	0.0000e+00	1.0798e+01	-3.1222e+01	1.6571e+00
	831	0.0000e+00	0.0000e+00	0.0000e+00	1.5868e+01	-4.4368e+01	-5.3040e+00
	832	0.0000e+00	0.0000e+00	0.0000e+00	8.1349e+00	-3.4175e+01	-1.5678e+01
	824	0.0000e+00	0.0000e+00	0.0000e+00	7.6436e+00	-2.6217e+01	-1.0272e+01
1780	822	0.0000e+00	0.0000e+00	0.0000e+00	6.7047e+00	-2.4654e+01	1.3350e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	9.6252e+00	-3.7090e+01	1.8559e+01
	831	0.0000e+00	0.0000e+00	0.0000e+00	1.5244e+01	-4.5017e+01	5.8215e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	1.1507e+01	-3.1692e+01	1.5890e+00
1781	387	0.0000e+00	0.0000e+00	0.0000e+00	-9.1682e+00	1.4318e+00	1.9730e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.1773e+01	1.2040e+00	3.5395e+01
	830	0.0000e+00	0.0000e+00	0.0000e+00	8.5774e+00	-2.7643e+01	2.8659e+01
	822	0.0000e+00	0.0000e+00	0.0000e+00	2.3942e+00	-1.5723e+01	1.3020e+01
1782	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.3515e+01	1.6889e+01	-4.7529e+00
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.5321e+01	1.9457e+01	7.6825e+00
	829	0.0000e+00	0.0000e+00	0.0000e+00	-1.8112e+00	4.8191e+00	8.9331e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.4695e+00	4.8890e+00	-3.5390e+00
1783	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.1051e+01	2.6758e+01	-4.7886e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-2.2824e+01	2.9955e+01	8.4238e-01
	828	0.0000e+00	0.0000e+00	0.0000e+00	-1.7607e+01	2.5529e+01	3.0720e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.6546e+01	2.3106e+01	-2.0779e+00
1784	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.8219e+01	2.0294e+01	-4.1880e+00
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.8981e+01	2.2122e+01	-7.8726e+00
	827	0.0000e+00	0.0000e+00	0.0000e+00	-2.3299e+01	2.9311e+01	-5.4167e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.1306e+01	2.6206e+01	-1.7898e+00
1785	817	0.0000e+00	0.0000e+00	0.0000e+00	-8.7392e+00	3.1532e+00	-3.0844e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-8.1484e+00	2.5918e+00	-1.1625e+01
	826	0.0000e+00	0.0000e+00	0.0000e+00	-1.7888e+01	1.6264e+01	-1.0987e+01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.6171e+01	1.4447e+01	-2.4411e+00
1786	816	0.0000e+00	0.0000e+00	0.0000e+00	2.4080e+00	-1.5077e+01	-1.5139e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	3.3921e+00	-1.7983e+01	-9.6482e+00
	825	0.0000e+00	0.0000e+00	0.0000e+00	-6.4735e+00	-4.9488e+00	-1.1340e+01
	817	0.0000e+00	0.0000e+00	0.0000e+00	-5.9058e+00	-4.4089e+00	-2.9118e+00
1787	815	0.0000e+00	0.0000e+00	0.0000e+00	7.0058e+00	-2.4535e+01	1.7823e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	8.5915e+00	-2.8715e+01	-2.8173e+00
	824	0.0000e+00	0.0000e+00	0.0000e+00	4.5225e+00	-2.3307e+01	-6.0612e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	4.2115e+00	-2.0391e+01	-2.6760e+00
1788	814	0.0000e+00	0.0000e+00	0.0000e+00	3.0553e+00	-1.7934e+01	2.8820e+00
	822	0.0000e+00	0.0000e+00	0.0000e+00	3.2947e+00	-2.1449e+01	7.5504e+00
	823	0.0000e+00	0.0000e+00	0.0000e+00	8.2923e+00	-2.8438e+01	3.8046e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	6.9720e+00	-2.4174e+01	-1.9609e+00
1789	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.1537e+01	4.3375e+00	2.9177e+00
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.2261e+01	3.3947e+00	1.4685e+01
	822	0.0000e+00	0.0000e+00	0.0000e+00	1.7500e+00	-1.4305e+01	1.2413e+01
	814	0.0000e+00	0.0000e+00	0.0000e+00	-2.4645e+00	-1.0666e+01	1.3558e+00
1790	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.4420e+01	2.2427e+01	-1.7441e+01
	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.3546e+01	1.7546e+01	-5.5268e+00
	821	0.0000e+00	0.0000e+00	0.0000e+00	-2.9829e+00	4.9793e+00	-8.3154e+00
	813	0.0000e+00	0.0000e+00	0.0000e+00	-1.2271e+00	5.6826e+00	-2.0242e+01
1791	811	0.0000e+00	0.0000e+00	0.0000e+00	-1.9677e+01	3.2296e+01	-6.3201e+00
	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.1148e+01	2.7550e+01	-2.3436e+00
	820	0.0000e+00	0.0000e+00	0.0000e+00	-1.6641e+01	2.3449e+01	-7.2660e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.6054e+01	2.8610e+01	-1.1287e+01

1792	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.5701e+01	2.3175e+01	3.1312e+00
	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.8008e+01	2.0622e+01	-8.8214e-01
	819	0.0000e+00	0.0000e+00	0.0000e+00	-2.0917e+01	2.6583e+01	-4.2010e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.0327e+01	3.0969e+01	-5.4246e-01
1793	809	0.0000e+00	0.0000e+00	0.0000e+00	-7.1299e+00	3.9915e+00	7.4880e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-8.5664e+00	3.1507e+00	7.3681e-01
	818	0.0000e+00	0.0000e+00	0.0000e+00	-1.5886e+01	1.4937e+01	-1.7315e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.5034e+01	1.6813e+01	6.1289e+00
1794	808	0.0000e+00	0.0000e+00	0.0000e+00	3.7733e+00	-1.6019e+01	7.2701e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	2.5893e+00	-1.5049e+01	-1.0708e+00
	817	0.0000e+00	0.0000e+00	0.0000e+00	-6.0195e+00	-3.9054e+00	7.1845e-01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-5.9771e+00	-3.8786e+00	7.7151e+00
1795	807	0.0000e+00	0.0000e+00	0.0000e+00	8.3940e+00	-2.7638e+01	2.5279e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	6.9508e+00	-2.4364e+01	-1.8380e+00
	816	0.0000e+00	0.0000e+00	0.0000e+00	4.3274e+00	-2.0187e+01	1.5506e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	4.4503e+00	-2.1793e+01	4.8004e+00
1796	806	0.0000e+00	0.0000e+00	0.0000e+00	4.9964e+00	-2.1417e+01	-6.7150e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	3.5380e+00	-1.7692e+01	-2.7994e+00
	815	0.0000e+00	0.0000e+00	0.0000e+00	7.2541e+00	-2.4359e+01	1.7776e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	8.1137e+00	-2.7938e+01	-3.1526e+00
1797	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.1486e+01	5.6515e+00	-1.3077e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.1081e+01	4.8541e+00	-1.7310e+00
	814	0.0000e+00	0.0000e+00	0.0000e+00	-2.6527e+00	-1.0677e+01	1.2354e+00
	806	0.0000e+00	0.0000e+00	0.0000e+00	4.4119e+00	-1.4073e+01	-1.1783e+01
1798	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.7063e+01	3.8400e+01	-3.1240e+01
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.5155e+01	2.5464e+01	-1.7246e+01
	813	0.0000e+00	0.0000e+00	0.0000e+00	-5.5280e+00	7.7955e+00	-2.6217e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	1.5837e+00	1.2742e+01	-4.0212e+01
1799	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.6971e+01	4.6850e+01	-4.9543e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.2170e+01	3.6889e+01	-3.5259e+00
	812	0.0000e+00	0.0000e+00	0.0000e+00	-1.8984e+01	3.2036e+01	-1.6917e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.7266e+01	4.8794e+01	-1.8338e+01
1800	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.0791e+01	2.9886e+01	1.1266e+01
	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.6968e+01	2.5713e+01	5.8057e+00
	811	0.0000e+00	0.0000e+00	0.0000e+00	-2.0452e+01	3.3697e+01	-2.1238e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.8080e+01	4.5240e+01	3.4128e+00
1801	801	0.0000e+00	0.0000e+00	0.0000e+00	-4.5464e+00	4.7063e+00	1.6675e+01
	809	0.0000e+00	0.0000e+00	0.0000e+00	-7.4630e+00	4.3056e+00	9.4703e+00
	810	0.0000e+00	0.0000e+00	0.0000e+00	-1.4088e+01	1.8504e+01	7.0372e+00
	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.1342e+01	2.2969e+01	1.4245e+01
1802	800	0.0000e+00	0.0000e+00	0.0000e+00	5.3667e+00	-2.0834e+01	1.5210e+01
	808	0.0000e+00	0.0000e+00	0.0000e+00	4.0535e+00	-1.7070e+01	8.0935e+00
	809	0.0000e+00	0.0000e+00	0.0000e+00	-4.9686e+00	-3.6150e+00	9.8450e+00
	801	0.0000e+00	0.0000e+00	0.0000e+00	-4.7991e+00	-3.3961e+00	1.6977e+01
1803	799	0.0000e+00	0.0000e+00	0.0000e+00	1.1653e+01	-4.0131e+01	5.8700e+00
	807	0.0000e+00	0.0000e+00	0.0000e+00	9.6437e+00	-2.9629e+01	1.1715e+00
	808	0.0000e+00	0.0000e+00	0.0000e+00	6.4924e+00	-2.3682e+01	7.6520e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	5.3020e+00	-2.7179e+01	1.2866e+01
1804	798	0.0000e+00	0.0000e+00	0.0000e+00	1.1020e+01	-3.8883e+01	-1.3734e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	8.4225e+00	-2.3978e+01	-1.1996e+01
	807	0.0000e+00	0.0000e+00	0.0000e+00	1.1317e+01	-3.1672e+01	9.5320e-01
	799	0.0000e+00	0.0000e+00	0.0000e+00	1.1079e+01	-4.0713e+01	-1.8532e+00
1805	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.0269e+01	2.3041e+00	-3.2112e+01
	365	0.0000e+00	0.0000e+00	0.0000e+00	-7.1487e+00	4.5964e+00	-1.8317e+01
	806	0.0000e+00	0.0000e+00	0.0000e+00	5.4155e+00	-1.6055e+01	-1.1400e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	1.1463e+01	-2.7184e+01	-2.5176e+01
1806	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.1350e+01	9.8804e+01	-4.0971e+01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-2.4236e+01	4.8966e+01	-2.3997e+01
	805	0.0000e+00	0.0000e+00	0.0000e+00	-8.7806e+00	1.7082e+01	-4.7061e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	7.3028e+00	1.3224e+01	-6.4035e+01
1807	793	0.0000e+00	0.0000e+00	0.0000e+00	2.4284e+00	8.0594e+01	5.9179e+00
	803	0.0000e+00	0.0000e+00	0.0000e+00	-2.3145e+01	5.7002e+01	-7.5525e-01
	804	0.0000e+00	0.0000e+00	0.0000e+00	-1.9129e+01	5.4396e+01	-2.0680e+01



	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.4403e+01	7.1373e+01	-1.4572e+01
1808	791	0.0000e+00	0.0000e+00	0.0000e+00	4.4170e+00	4.7346e+01	1.7647e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-1.2217e+01	3.3323e+01	1.3159e+01
	803	0.0000e+00	0.0000e+00	0.0000e+00	-1.4687e+01	4.9784e+01	6.1769e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	-3.0253e+00	4.9710e+01	1.0667e+01
1809	789	0.0000e+00	0.0000e+00	0.0000e+00	3.9601e+00	1.4478e+01	2.1087e+01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-5.2909e+00	4.6266e+00	1.8267e+01
	802	0.0000e+00	0.0000e+00	0.0000e+00	-7.7381e+00	2.5822e+01	1.6485e+01
	791	0.0000e+00	0.0000e+00	0.0000e+00	-2.3683e+00	1.9505e+01	1.9306e+01
1810	787	0.0000e+00	0.0000e+00	0.0000e+00	4.5286e+00	-1.6402e+01	2.0255e+01
	800	0.0000e+00	0.0000e+00	0.0000e+00	4.5123e+00	-2.2879e+01	1.7368e+01
	801	0.0000e+00	0.0000e+00	0.0000e+00	-3.3927e+00	-2.6238e+00	1.8703e+01
	789	0.0000e+00	0.0000e+00	0.0000e+00	-3.5276e+00	-1.1698e+01	2.1589e+01
1811	785	0.0000e+00	0.0000e+00	0.0000e+00	7.5664e+00	-4.3987e+01	1.3128e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	1.0753e+01	-4.3734e+01	8.4964e+00
	800	0.0000e+00	0.0000e+00	0.0000e+00	8.0768e+00	-2.9859e+01	1.4975e+01
	787	0.0000e+00	0.0000e+00	0.0000e+00	-5.1151e+00	-4.2536e+01	1.9610e+01
1812	783	0.0000e+00	0.0000e+00	0.0000e+00	1.8365e+01	-6.0759e+01	-1.0271e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	1.5403e+01	-4.3335e+01	-1.6317e+01
	799	0.0000e+00	0.0000e+00	0.0000e+00	1.8629e+01	-4.9889e+01	3.2295e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	-6.6235e+00	-7.1250e+01	9.2971e+00
1813	343	0.0000e+00	0.0000e+00	0.0000e+00	-1.0573e+01	5.4797e+00	-5.5396e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	7.2264e+00	-2.1771e+00	-3.8310e+01
	798	0.0000e+00	0.0000e+00	0.0000e+00	1.9215e+01	-3.5971e+01	-1.8118e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	1.7354e+01	-8.2115e+01	-3.5196e+01
1814	796	0.0000e+00	0.0000e+00	0.0000e+00	6.9371e+01	-2.6455e+00	-1.3352e+01
	795	0.0000e+00	0.0000e+00	0.0000e+00	-2.5758e+00	1.2787e+02	-4.5034e+01
	797	0.0000e+00	0.0000e+00	0.0000e+00	-5.2807e+01	3.0605e+01	-1.0901e+02
	6	0.0000e+00	0.0000e+00	0.0000e+00	5.5992e+01	2.8863e+02	-7.7257e+01
1815	794	0.0000e+00	0.0000e+00	0.0000e+00	4.4746e+01	-6.2628e+00	-6.0053e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	2.2988e+01	7.9935e+01	-9.4379e+00
	795	0.0000e+00	0.0000e+00	0.0000e+00	-1.0458e+01	9.2127e+01	-2.1483e+01
	796	0.0000e+00	0.0000e+00	0.0000e+00	7.0920e+01	2.0244e+02	-1.7941e+01
1816	792	0.0000e+00	0.0000e+00	0.0000e+00	2.3964e+01	-3.1953e+01	2.8903e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	2.0560e+01	4.2187e+01	3.9006e+00
	793	0.0000e+00	0.0000e+00	0.0000e+00	1.6770e+00	6.3540e+01	-1.5875e+00
	794	0.0000e+00	0.0000e+00	0.0000e+00	4.6629e+01	1.4672e+02	-2.9257e+00
1817	790	0.0000e+00	0.0000e+00	0.0000e+00	6.3305e+00	-6.1522e+01	6.5803e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	1.3981e+01	8.0855e+00	8.3219e+00
	791	0.0000e+00	0.0000e+00	0.0000e+00	-3.3796e+00	2.9111e+01	6.5855e+00
	792	0.0000e+00	0.0000e+00	0.0000e+00	2.6066e+01	1.0214e+02	4.8893e+00
1818	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.2098e+01	-9.3829e+01	7.0182e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	8.3800e+00	-2.4616e+01	8.5659e+00
	789	0.0000e+00	0.0000e+00	0.0000e+00	-9.0677e+00	-4.3423e+00	8.7949e+00
	790	0.0000e+00	0.0000e+00	0.0000e+00	8.4619e+00	6.4309e+01	7.1715e+00
1819	786	0.0000e+00	0.0000e+00	0.0000e+00	-3.0986e+01	-1.3036e+02	4.2903e+00
	785	0.0000e+00	0.0000e+00	0.0000e+00	7.5899e+00	-5.5907e+01	4.1386e+00
	787	0.0000e+00	0.0000e+00	0.0000e+00	-1.4881e+01	-3.6780e+01	6.7681e+00
	788	0.0000e+00	0.0000e+00	0.0000e+00	-1.0491e+01	3.1619e+01	6.1992e+00
1820	784	0.0000e+00	0.0000e+00	0.0000e+00	-5.2432e+01	-1.7520e+02	-1.1332e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	1.9359e+01	-7.8693e+01	-1.4605e+01
	785	0.0000e+00	0.0000e+00	0.0000e+00	-1.6413e+01	-7.0579e+01	-4.2976e+00
	786	0.0000e+00	0.0000e+00	0.0000e+00	-2.9652e+01	5.1457e+00	-4.3676e+00
1821	5	0.0000e+00	0.0000e+00	0.0000e+00	-3.6892e+01	-2.4583e+02	-6.6902e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	5.2750e+01	-9.9241e+00	-9.8888e+01
	783	0.0000e+00	0.0000e+00	0.0000e+00	1.8446e+01	-1.1027e+02	-3.5816e+01
	784	0.0000e+00	0.0000e+00	0.0000e+00	-5.1587e+01	4.2596e+00	-8.2443e+00
1822	772	0.0000e+00	0.0000e+00	0.0000e+00	-1.8108e+01	5.2356e+02	6.4864e+01
	782	0.0000e+00	0.0000e+00	0.0000e+00	1.8944e+02	3.8620e+02	-4.1887e+01
	22	0.0000e+00	0.0000e+00	0.0000e+00	1.1091e+02	1.0407e+03	1.7922e+02
	773	0.0000e+00	0.0000e+00	0.0000e+00	-9.6287e+01	4.4103e+02	2.7454e+02
1823	771	0.0000e+00	0.0000e+00	0.0000e+00	6.7576e+01	2.9988e+02	-1.1256e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	9.7498e+01	2.9646e+02	1.5778e+01

	782	0.0000e+00	0.0000e+00	0.0000e+00	1.2746e+02	4.1477e+02	1.8762e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	5.0599e+01	4.0889e+02	1.4209e+01
1824	770	0.0000e+00	0.0000e+00	0.0000e+00	4.9789e+01	2.1049e+02	-1.1632e+01
	780	0.0000e+00	0.0000e+00	0.0000e+00	6.1260e+01	2.1420e+02	1.1706e+01
	781	0.0000e+00	0.0000e+00	0.0000e+00	8.0196e+01	2.7841e+02	1.4165e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	5.8121e+01	2.8163e+02	-1.3694e+01
1825	769	0.0000e+00	0.0000e+00	0.0000e+00	2.7738e+01	1.4506e+02	-1.2221e+01
	779	0.0000e+00	0.0000e+00	0.0000e+00	3.1791e+01	1.4866e+02	6.3738e+00
	780	0.0000e+00	0.0000e+00	0.0000e+00	4.8189e+01	1.9743e+02	9.3349e+00
	770	0.0000e+00	0.0000e+00	0.0000e+00	3.8990e+01	1.9847e+02	-1.2617e+01
1826	768	0.0000e+00	0.0000e+00	0.0000e+00	7.2073e+00	8.7336e+01	-1.5033e+01
	778	0.0000e+00	0.0000e+00	0.0000e+00	6.9355e+00	9.1732e+01	1.0217e+00
	779	0.0000e+00	0.0000e+00	0.0000e+00	2.0599e+01	1.3425e+02	4.6953e+00
	769	0.0000e+00	0.0000e+00	0.0000e+00	1.7510e+01	1.3376e+02	-1.3222e+01
1827	767	0.0000e+00	0.0000e+00	0.0000e+00	-2.1293e+01	3.1611e+01	-2.1266e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-2.8604e+01	3.7510e+01	-5.1953e+00
	778	0.0000e+00	0.0000e+00	0.0000e+00	-1.0506e+01	7.8532e+01	1.3597e+00
	768	0.0000e+00	0.0000e+00	0.0000e+00	-8.6429e+00	7.7292e+01	-1.6986e+01
1828	766	0.0000e+00	0.0000e+00	0.0000e+00	-4.8708e+01	-4.0177e+01	-3.2075e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-6.8280e+01	-2.5412e+01	-1.3185e+01
	777	0.0000e+00	0.0000e+00	0.0000e+00	-4.1980e+01	2.4978e+01	-5.9511e+00
	767	0.0000e+00	0.0000e+00	0.0000e+00	-3.3262e+01	2.4270e+01	-2.4275e+01
1829	765	0.0000e+00	0.0000e+00	0.0000e+00	-7.7762e+01	-1.3589e+02	-4.8570e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.2771e+02	-1.0978e+02	-2.5986e+01
	776	0.0000e+00	0.0000e+00	0.0000e+00	-8.6948e+01	-4.1874e+01	-1.3869e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-6.3920e+01	-4.5226e+01	-3.4823e+01
1830	764	0.0000e+00	0.0000e+00	0.0000e+00	-7.8848e+01	-3.1827e+02	-6.3082e+01
	774	0.0000e+00	0.0000e+00	0.0000e+00	-2.5180e+02	-2.9294e+02	-4.7633e+01
	775	0.0000e+00	0.0000e+00	0.0000e+00	-1.5808e+02	-1.2527e+02	-2.6034e+01
	765	0.0000e+00	0.0000e+00	0.0000e+00	-9.5333e+01	-1.5214e+02	-3.8675e+01
1831	665	0.0000e+00	0.0000e+00	0.0000e+00	3.0822e+02	-1.6829e+02	5.3197e+02
	21	0.0000e+00	0.0000e+00	0.0000e+00	-3.3020e+02	-1.6030e+03	3.3958e+02
	774	0.0000e+00	0.0000e+00	0.0000e+00	-3.9813e+02	-1.7332e+02	-1.5541e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	1.3912e+02	-5.6613e+02	5.4878e+01
1832	762	0.0000e+00	0.0000e+00	0.0000e+00	-2.3504e+01	3.2275e+02	6.5259e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	1.8627e+01	4.3298e+02	8.4201e+01
	773	0.0000e+00	0.0000e+00	0.0000e+00	3.5408e+01	3.7824e+02	1.7975e+02
	763	0.0000e+00	0.0000e+00	0.0000e+00	3.5556e+01	2.7845e+02	1.6042e+02
1833	761	0.0000e+00	0.0000e+00	0.0000e+00	8.4589e+00	2.8280e+02	1.5596e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	4.6346e+01	3.0697e+02	-1.7934e+01
	772	0.0000e+00	0.0000e+00	0.0000e+00	8.4448e+00	3.7558e+02	2.9643e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	9.1829e+00	3.0854e+02	5.3967e+01
1834	760	0.0000e+00	0.0000e+00	0.0000e+00	1.8014e+01	2.0853e+02	-1.7081e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	3.8717e+01	2.1618e+02	-2.1352e+01
	771	0.0000e+00	0.0000e+00	0.0000e+00	3.7060e+01	2.6836e+02	-1.4967e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.1841e+01	2.5796e+02	-1.2293e+01
1835	759	0.0000e+00	0.0000e+00	0.0000e+00	1.6931e+01	1.4228e+02	-2.5950e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	2.4237e+01	1.4820e+02	-2.2330e+01
	770	0.0000e+00	0.0000e+00	0.0000e+00	3.0920e+01	1.9185e+02	-1.9820e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.6710e+01	1.9108e+02	-2.3456e+01
1836	758	0.0000e+00	0.0000e+00	0.0000e+00	1.0604e+01	8.2896e+01	-3.1785e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	8.8625e+00	8.9749e+01	-2.5484e+01
	769	0.0000e+00	0.0000e+00	0.0000e+00	1.6669e+01	1.2886e+02	-2.2358e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.2110e+01	1.2878e+02	-2.8749e+01
1837	757	0.0000e+00	0.0000e+00	0.0000e+00	8.6969e+00	2.7179e+01	-3.7312e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	-1.4104e+01	3.5049e+01	-3.1791e+01
	768	0.0000e+00	0.0000e+00	0.0000e+00	-6.7287e+00	7.1595e+01	-2.6749e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	6.5466e+00	7.0798e+01	-3.2457e+01
1838	756	0.0000e+00	0.0000e+00	0.0000e+00	1.5656e+01	-4.3978e+01	-4.1027e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-2.8712e+01	-3.2813e+01	-4.1153e+01
	767	0.0000e+00	0.0000e+00	0.0000e+00	-2.0902e+01	1.7784e+01	-3.4966e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	-9.5552e+00	1.8221e+01	-3.4989e+01
1839	755	0.0000e+00	0.0000e+00	0.0000e+00	4.1024e+01	-1.1238e+02	-3.0349e+01

	765	0.0000e+00	0.0000e+00	0.0000e+00	-3.4797e+01	-1.1394e+02	-4.7852e+01
	766	0.0000e+00	0.0000e+00	0.0000e+00	-3.5393e+01	-6.3961e+01	-4.8492e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	2.0389e+01	-6.4126e+01	-3.0698e+01
1840	754	0.0000e+00	0.0000e+00	0.0000e+00	6.3650e+01	-1.4632e+02	5.9749e+01
	764	0.0000e+00	0.0000e+00	0.0000e+00	9.3088e+01	-2.5361e+02	-5.9701e+00
	765	0.0000e+00	0.0000e+00	0.0000e+00	-4.2023e+01	-1.8171e+02	-6.4492e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	6.9703e+01	-1.4704e+02	-8.4522e+00
1841	654	0.0000e+00	0.0000e+00	0.0000e+00	6.2342e+01	-4.8502e+01	1.6458e+02
	665	0.0000e+00	0.0000e+00	0.0000e+00	-5.8108e+01	-6.5883e+01	2.3614e+02
	764	0.0000e+00	0.0000e+00	0.0000e+00	8.3510e+01	-3.6132e+02	1.3209e+02
	754	0.0000e+00	0.0000e+00	0.0000e+00	8.7966e+01	-1.4998e+02	6.0829e+01
1842	752	0.0000e+00	0.0000e+00	0.0000e+00	1.6669e+01	2.3272e+02	5.9720e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	1.4744e+01	2.9181e+02	8.3289e+01
	763	0.0000e+00	0.0000e+00	0.0000e+00	2.4907e+01	2.4620e+02	1.3071e+02
	753	0.0000e+00	0.0000e+00	0.0000e+00	5.5377e+01	2.0052e+02	1.0653e+02
1843	751	0.0000e+00	0.0000e+00	0.0000e+00	1.4343e+01	2.3392e+02	2.0310e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.5612e+01	2.6058e+02	1.6792e+01
	762	0.0000e+00	0.0000e+00	0.0000e+00	1.3240e+01	2.9333e+02	5.1088e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	1.4654e+01	2.3878e+02	5.4160e+01
1844	750	0.0000e+00	0.0000e+00	0.0000e+00	1.1526e+01	1.9048e+02	-1.8009e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.8776e+01	2.0328e+02	-2.2259e+01
	761	0.0000e+00	0.0000e+00	0.0000e+00	1.0765e+01	2.4842e+02	-1.1299e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	1.3644e+01	2.2068e+02	1.4837e+01
1845	749	0.0000e+00	0.0000e+00	0.0000e+00	1.2440e+01	1.3545e+02	-2.8862e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.6543e+01	1.4252e+02	-3.2044e+01
	760	0.0000e+00	0.0000e+00	0.0000e+00	1.3665e+01	1.8457e+02	-2.4836e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	1.1458e+01	1.7467e+02	-2.2231e+01
1846	748	0.0000e+00	0.0000e+00	0.0000e+00	1.4466e+01	8.0152e+01	-3.4621e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	1.2771e+01	8.4913e+01	-3.6814e+01
	759	0.0000e+00	0.0000e+00	0.0000e+00	1.1850e+01	1.2380e+02	-3.3251e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	1.1334e+01	1.2064e+02	-3.1246e+01
1847	747	0.0000e+00	0.0000e+00	0.0000e+00	1.9586e+01	2.8819e+01	-3.5438e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	1.2744e+01	3.0358e+01	-3.9392e+01
	758	0.0000e+00	0.0000e+00	0.0000e+00	9.0067e+00	6.6592e+01	-3.8249e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	1.3577e+01	6.6080e+01	-3.4379e+01
1848	746	0.0000e+00	0.0000e+00	0.0000e+00	3.0225e+01	-3.0841e+01	-2.7650e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	2.1202e+01	-3.8806e+01	-3.6394e+01
	757	0.0000e+00	0.0000e+00	0.0000e+00	1.0825e+01	1.7153e+01	-4.1082e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	2.1442e+01	1.8387e+01	-3.2066e+01
1849	745	0.0000e+00	0.0000e+00	0.0000e+00	4.3600e+01	-6.6619e+01	1.1429e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	4.1558e+01	-1.0373e+02	-1.4965e+01
	756	0.0000e+00	0.0000e+00	0.0000e+00	1.9655e+01	-5.7202e+01	-3.5245e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	3.6923e+01	-4.7051e+01	-2.0819e+01
1850	744	0.0000e+00	0.0000e+00	0.0000e+00	4.4585e+01	-6.7091e+01	5.6116e+01
	754	0.0000e+00	0.0000e+00	0.0000e+00	5.3601e+01	-1.3249e+02	5.1367e+01
	755	0.0000e+00	0.0000e+00	0.0000e+00	4.0038e+01	-1.0971e+02	1.1108e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	5.0542e+01	-7.8309e+01	1.4391e+01
1851	643	0.0000e+00	0.0000e+00	0.0000e+00	1.9665e+01	-1.0516e+01	8.7950e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	-2.1255e+01	-2.4785e+01	1.2996e+02
	754	0.0000e+00	0.0000e+00	0.0000e+00	5.4365e+01	-1.0998e+02	9.8421e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	3.6271e+01	-5.4108e+01	5.6559e+01
1852	742	0.0000e+00	0.0000e+00	0.0000e+00	3.0626e+01	1.8504e+02	4.2939e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	2.7369e+01	2.2016e+02	6.3176e+01
	753	0.0000e+00	0.0000e+00	0.0000e+00	3.3376e+01	1.8212e+02	8.9610e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	6.4094e+01	1.5723e+02	6.8113e+01
1853	741	0.0000e+00	0.0000e+00	0.0000e+00	2.2917e+01	1.9547e+02	2.0131e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	1.8538e+01	2.1816e+02	2.2359e+01
	752	0.0000e+00	0.0000e+00	0.0000e+00	2.5051e+01	2.2655e+02	4.4698e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	2.6896e+01	1.9445e+02	3.9271e+01
1854	740	0.0000e+00	0.0000e+00	0.0000e+00	1.8780e+01	1.6929e+02	-2.0329e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	1.6080e+01	1.8245e+02	-1.9406e+01
	751	0.0000e+00	0.0000e+00	0.0000e+00	1.5742e+01	2.1246e+02	-1.4738e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	2.2076e+01	1.8946e+02	1.8250e+01

1855	739	0.0000e+00	0.0000e+00	0.0000e+00	1.6839e+01	1.2654e+02	-2.7893e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	1.5446e+01	1.3296e+02	-3.1197e+01
	750	0.0000e+00	0.0000e+00	0.0000e+00	1.3161e+01	1.6944e+02	-2.3840e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	1.7892e+01	1.5737e+02	-2.1705e+01
1856	738	0.0000e+00	0.0000e+00	0.0000e+00	1.8733e+01	7.8857e+01	-3.1331e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	1.6943e+01	8.0683e+01	-3.6212e+01
	749	0.0000e+00	0.0000e+00	0.0000e+00	1.2363e+01	1.1740e+02	-3.3434e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	1.6242e+01	1.1275e+02	-2.8838e+01
1857	737	0.0000e+00	0.0000e+00	0.0000e+00	2.4491e+01	3.4318e+01	-2.9182e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	2.2059e+01	3.1089e+01	-3.5161e+01
	748	0.0000e+00	0.0000e+00	0.0000e+00	1.4361e+01	6.5032e+01	-3.6855e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	1.9059e+01	6.5100e+01	-3.0755e+01
1858	736	0.0000e+00	0.0000e+00	0.0000e+00	3.1689e+01	-1.7024e+01	-2.0270e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	3.1110e+01	-2.7283e+01	-2.5828e+01
	747	0.0000e+00	0.0000e+00	0.0000e+00	2.0155e+01	1.9910e+01	-3.3731e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	2.6403e+01	2.3189e+01	-2.6995e+01
1859	735	0.0000e+00	0.0000e+00	0.0000e+00	3.4975e+01	-3.4191e+01	1.4949e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	3.8628e+01	-5.9167e+01	-1.1486e+01
	746	0.0000e+00	0.0000e+00	0.0000e+00	2.9395e+01	-3.6579e+01	-1.9937e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	3.4404e+01	-2.4492e+01	-1.7374e+01
1860	734	0.0000e+00	0.0000e+00	0.0000e+00	2.6183e+01	-2.9677e+01	3.4153e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	3.0861e+01	-5.5409e+01	4.1859e+01
	745	0.0000e+00	0.0000e+00	0.0000e+00	3.6816e+01	-6.0738e+01	2.0922e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	3.4768e+01	-3.6795e+01	1.5069e+01
1861	632	0.0000e+00	0.0000e+00	0.0000e+00	5.2428e+00	4.9719e+00	4.4860e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	-1.0147e+01	7.7250e+00	7.1248e+01
	744	0.0000e+00	0.0000e+00	0.0000e+00	2.9596e+01	-4.4230e+01	6.0198e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	1.8389e+01	-1.9337e+01	3.4166e+01
1862	732	0.0000e+00	0.0000e+00	0.0000e+00	4.1292e+01	1.5858e+02	2.8574e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	3.8695e+01	1.7794e+02	4.2784e+01
	743	0.0000e+00	0.0000e+00	0.0000e+00	4.7519e+01	1.4645e+02	5.6520e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	6.5495e+01	1.3087e+02	3.9152e+01
1863	731	0.0000e+00	0.0000e+00	0.0000e+00	3.2198e+01	1.7153e+02	-2.1769e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	2.7524e+01	1.8620e+02	2.1390e+01
	742	0.0000e+00	0.0000e+00	0.0000e+00	3.5811e+01	1.8609e+02	3.1504e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	3.8057e+01	1.6800e+02	2.6522e+01
1864	730	0.0000e+00	0.0000e+00	0.0000e+00	2.7141e+01	1.5396e+02	-2.4484e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	2.2600e+01	1.6319e+02	-2.1264e+01
	741	0.0000e+00	0.0000e+00	0.0000e+00	2.4794e+01	1.8351e+02	-1.8404e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	3.0847e+01	1.6903e+02	-2.1630e+01
1865	729	0.0000e+00	0.0000e+00	0.0000e+00	2.4070e+01	1.1952e+02	-2.7874e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	2.0209e+01	1.2376e+02	-2.8805e+01
	740	0.0000e+00	0.0000e+00	0.0000e+00	2.0358e+01	1.5379e+02	-2.4391e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	2.5935e+01	1.4501e+02	-2.4428e+01
1866	728	0.0000e+00	0.0000e+00	0.0000e+00	2.3772e+01	7.8692e+01	-2.8703e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	2.1050e+01	7.8630e+01	-3.2026e+01
	739	0.0000e+00	0.0000e+00	0.0000e+00	1.7921e+01	1.1120e+02	-3.0698e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	2.3122e+01	1.0761e+02	-2.7655e+01
1867	727	0.0000e+00	0.0000e+00	0.0000e+00	2.6457e+01	4.0228e+01	-2.6167e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	2.5207e+01	3.5899e+01	-2.9724e+01
	738	0.0000e+00	0.0000e+00	0.0000e+00	1.9071e+01	6.5825e+01	-3.1918e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	2.3534e+01	6.6458e+01	-2.8017e+01
1868	726	0.0000e+00	0.0000e+00	0.0000e+00	2.9200e+01	1.6139e+01	-2.0641e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	2.9933e+01	-1.6085e+01	-2.1717e+01
	737	0.0000e+00	0.0000e+00	0.0000e+00	2.3605e+01	2.6285e+01	-2.7329e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	2.6895e+01	3.0382e+01	-2.5037e+01
1869	725	0.0000e+00	0.0000e+00	0.0000e+00	2.7328e+01	-1.8598e+01	-1.5938e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	2.9618e+01	-2.9520e+01	-1.3926e+01
	736	0.0000e+00	0.0000e+00	0.0000e+00	2.8212e+01	-1.9401e+01	-1.7489e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	2.9203e+01	1.5442e+01	-1.9283e+01
1870	724	0.0000e+00	0.0000e+00	0.0000e+00	1.6969e+01	-1.4944e+01	1.7817e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	1.8307e+01	-2.3521e+01	2.5210e+01
	735	0.0000e+00	0.0000e+00	0.0000e+00	2.7380e+01	-2.9594e+01	1.7464e+01

	725	0.0000e+00	0.0000e+00	0.0000e+00	2.5005e+01	-1.8684e+01	-1.4368e+01
1871	621	0.0000e+00	0.0000e+00	0.0000e+00	-5.4600e+00	1.0088e+01	1.9333e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-6.5038e+00	8.4455e+00	3.6618e+01
	734	0.0000e+00	0.0000e+00	0.0000e+00	1.5760e+01	-1.6775e+01	3.2479e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	1.1498e+01	-9.8470e+00	1.6508e+01
1872	722	0.0000e+00	0.0000e+00	0.0000e+00	4.6910e+01	1.4614e+02	-2.5115e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	4.5904e+01	1.5315e+02	2.8142e+01
	733	0.0000e+00	0.0000e+00	0.0000e+00	6.0496e+01	1.2534e+02	3.1243e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	6.0507e+01	1.1531e+02	-2.2936e+01
1873	721	0.0000e+00	0.0000e+00	0.0000e+00	3.8941e+01	1.6011e+02	-2.7556e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	3.5477e+01	1.6708e+02	-2.2778e+01
	732	0.0000e+00	0.0000e+00	0.0000e+00	4.2835e+01	1.6291e+02	2.3065e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	4.5109e+01	1.5512e+02	-2.5040e+01
1874	720	0.0000e+00	0.0000e+00	0.0000e+00	3.4273e+01	1.4652e+02	-2.9152e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	3.0044e+01	1.5070e+02	-2.5514e+01
	731	0.0000e+00	0.0000e+00	0.0000e+00	3.3097e+01	1.6551e+02	-2.3489e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	3.7647e+01	1.5940e+02	-2.7011e+01
1875	719	0.0000e+00	0.0000e+00	0.0000e+00	3.0906e+01	1.1630e+02	-2.9694e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	2.6708e+01	1.1787e+02	-2.8803e+01
	730	0.0000e+00	0.0000e+00	0.0000e+00	2.8122e+01	1.4307e+02	-2.7255e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	3.3025e+01	1.3929e+02	-2.8480e+01
1876	718	0.0000e+00	0.0000e+00	0.0000e+00	2.9160e+01	7.9474e+01	-2.8979e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	2.5692e+01	7.8521e+01	-2.9719e+01
	729	0.0000e+00	0.0000e+00	0.0000e+00	2.4808e+01	1.0716e+02	-2.9680e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	2.9714e+01	1.0582e+02	-2.8998e+01
1877	717	0.0000e+00	0.0000e+00	0.0000e+00	2.9218e+01	4.4482e+01	-2.6980e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	2.6998e+01	4.1337e+01	-2.7626e+01
	728	0.0000e+00	0.0000e+00	0.0000e+00	2.3987e+01	6.7527e+01	-2.9232e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	2.8255e+01	6.8566e+01	-2.8261e+01
1878	716	0.0000e+00	0.0000e+00	0.0000e+00	2.9113e+01	2.0931e+01	-2.3883e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	2.8045e+01	1.7567e+01	-2.2856e+01
	727	0.0000e+00	0.0000e+00	0.0000e+00	2.5517e+01	3.2850e+01	-2.5757e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	2.8503e+01	3.5915e+01	-2.6267e+01
1879	715	0.0000e+00	0.0000e+00	0.0000e+00	2.5399e+01	-1.7582e+01	-1.9814e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	2.4629e+01	-1.7539e+01	-1.7007e+01
	726	0.0000e+00	0.0000e+00	0.0000e+00	2.6319e+01	1.6283e+01	-2.0187e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	2.7918e+01	1.8481e+01	-2.3120e+01
1880	714	0.0000e+00	0.0000e+00	0.0000e+00	1.6155e+01	-1.5912e+01	-1.4545e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	1.4013e+01	-1.3873e+01	1.3852e+01
	725	0.0000e+00	0.0000e+00	0.0000e+00	2.2079e+01	-1.7772e+01	-1.5683e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	2.2986e+01	-1.7552e+01	-1.8649e+01
1881	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.0749e+01	1.6460e+01	-8.2561e+00
	621	0.0000e+00	0.0000e+00	0.0000e+00	-7.7744e+00	1.2748e+01	1.4187e+01
	724	0.0000e+00	0.0000e+00	0.0000e+00	1.0791e+01	-1.1273e+01	1.4912e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	1.3130e+01	1.4664e+01	-1.2658e+01
1882	712	0.0000e+00	0.0000e+00	0.0000e+00	4.7333e+01	1.4578e+02	-3.3492e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	4.8184e+01	1.4089e+02	-2.5564e+01
	723	0.0000e+00	0.0000e+00	0.0000e+00	7.0653e+01	1.1430e+02	-2.2669e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	4.9409e+01	1.0879e+02	-3.1117e+01
1883	711	0.0000e+00	0.0000e+00	0.0000e+00	4.2004e+01	1.5968e+02	-3.4689e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	4.0570e+01	1.5971e+02	-2.8303e+01
	722	0.0000e+00	0.0000e+00	0.0000e+00	4.5483e+01	1.5274e+02	-2.7190e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	4.7279e+01	1.5436e+02	-3.3915e+01
1884	710	0.0000e+00	0.0000e+00	0.0000e+00	3.8656e+01	1.4648e+02	-3.3166e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	3.6044e+01	1.4598e+02	-3.0132e+01
	721	0.0000e+00	0.0000e+00	0.0000e+00	3.8954e+01	1.5812e+02	-2.9796e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	4.1191e+01	1.5962e+02	-3.2825e+01
1885	709	0.0000e+00	0.0000e+00	0.0000e+00	3.5704e+01	1.1688e+02	-3.2367e+01
	719	0.0000e+00	0.0000e+00	0.0000e+00	3.2659e+01	1.1607e+02	-3.0837e+01
	720	0.0000e+00	0.0000e+00	0.0000e+00	3.4509e+01	1.3877e+02	-3.0953e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	3.7678e+01	1.3955e+02	-3.2371e+01
1886	708	0.0000e+00	0.0000e+00	0.0000e+00	3.3655e+01	8.1207e+01	-3.1186e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	3.0589e+01	7.9651e+01	-3.0296e+01

	719	0.0000e+00	0.0000e+00	0.0000e+00	3.1056e+01	1.0607e+02	-3.0963e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	3.4601e+01	1.0678e+02	-3.1687e+01
1887	707	0.0000e+00	0.0000e+00	0.0000e+00	3.2761e+01	4.7005e+01	-2.9497e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	2.9995e+01	4.5246e+01	-2.8603e+01
	718	0.0000e+00	0.0000e+00	0.0000e+00	2.9113e+01	6.9401e+01	-2.9752e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	3.2584e+01	7.0681e+01	-3.0460e+01
1888	706	0.0000e+00	0.0000e+00	0.0000e+00	3.2075e+01	2.3682e+01	-2.7409e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	2.9294e+01	2.2332e+01	-2.6004e+01
	717	0.0000e+00	0.0000e+00	0.0000e+00	2.8758e+01	3.7053e+01	-2.7413e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	3.1686e+01	3.8802e+01	-2.8787e+01
1889	705	0.0000e+00	0.0000e+00	0.0000e+00	2.9121e+01	-2.2084e+01	-2.5217e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	2.5513e+01	1.8870e+01	-2.2455e+01
	716	0.0000e+00	0.0000e+00	0.0000e+00	2.7932e+01	1.9902e+01	-2.4179e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	3.0722e+01	2.1968e+01	-2.6967e+01
1890	704	0.0000e+00	0.0000e+00	0.0000e+00	2.1863e+01	-2.2881e+01	-2.3948e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	1.6731e+01	1.7686e+01	-1.7499e+01
	715	0.0000e+00	0.0000e+00	0.0000e+00	2.3152e+01	-1.9493e+01	-2.0024e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	2.7319e+01	-2.3163e+01	-2.5645e+01
1891	599	0.0000e+00	0.0000e+00	0.0000e+00	-1.7902e+01	2.4106e+01	-2.2659e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.1735e+01	1.8821e+01	-1.0878e+01
	714	0.0000e+00	0.0000e+00	0.0000e+00	1.3522e+01	1.7120e+01	-1.4874e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	2.0210e+01	2.2302e+01	-2.5022e+01
1892	702	0.0000e+00	0.0000e+00	0.0000e+00	4.2908e+01	1.5923e+02	-4.5045e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	4.5431e+01	1.4053e+02	-3.3188e+01
	713	0.0000e+00	0.0000e+00	0.0000e+00	7.6714e+01	1.1256e+02	-3.7616e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	3.6528e+01	1.1333e+02	-5.1227e+01
1893	701	0.0000e+00	0.0000e+00	0.0000e+00	4.0348e+01	1.6834e+02	-3.9425e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	4.2304e+01	1.6344e+02	-3.4672e+01
	712	0.0000e+00	0.0000e+00	0.0000e+00	4.4039e+01	1.5438e+02	-3.8153e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	4.4186e+01	1.6791e+02	-4.3499e+01
1894	700	0.0000e+00	0.0000e+00	0.0000e+00	3.8241e+01	1.5105e+02	-3.5714e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	3.9253e+01	1.4818e+02	-3.3937e+01
	711	0.0000e+00	0.0000e+00	0.0000e+00	4.1536e+01	1.6024e+02	-3.5325e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	4.0130e+01	1.6865e+02	-3.6776e+01
1895	699	0.0000e+00	0.0000e+00	0.0000e+00	3.6324e+01	1.1928e+02	-3.4788e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	3.6391e+01	1.1760e+02	-3.3448e+01
	710	0.0000e+00	0.0000e+00	0.0000e+00	3.8071e+01	1.4021e+02	-3.4254e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	3.7759e+01	1.4428e+02	-3.5283e+01
1896	698	0.0000e+00	0.0000e+00	0.0000e+00	3.5141e+01	8.3124e+01	-3.3371e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	3.4320e+01	8.1502e+01	-3.2305e+01
	709	0.0000e+00	0.0000e+00	0.0000e+00	3.5079e+01	1.0763e+02	-3.3385e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	3.5696e+01	1.1002e+02	-3.4235e+01
1897	697	0.0000e+00	0.0000e+00	0.0000e+00	3.4964e+01	4.8349e+01	-3.1361e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	3.3354e+01	4.7420e+01	-3.0622e+01
	708	0.0000e+00	0.0000e+00	0.0000e+00	3.3112e+01	7.1426e+01	-3.1924e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	3.4521e+01	7.3590e+01	-3.2536e+01
1898	696	0.0000e+00	0.0000e+00	0.0000e+00	3.5749e+01	2.4716e+01	-2.9154e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	3.2936e+01	2.4916e+01	-2.8829e+01
	707	0.0000e+00	0.0000e+00	0.0000e+00	3.2508e+01	3.8899e+01	-2.9909e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	3.4388e+01	4.0833e+01	-3.0386e+01
1899	695	0.0000e+00	0.0000e+00	0.0000e+00	3.6504e+01	-3.0085e+01	-2.8364e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	3.1063e+01	-2.4458e+01	-2.7973e+01
	706	0.0000e+00	0.0000e+00	0.0000e+00	3.2450e+01	2.2480e+01	-2.7677e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	3.5151e+01	2.4686e+01	-2.8519e+01
1900	694	0.0000e+00	0.0000e+00	0.0000e+00	3.3074e+01	-3.6124e+01	-3.4430e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	2.4885e+01	-2.5947e+01	-2.9431e+01
	705	0.0000e+00	0.0000e+00	0.0000e+00	2.9717e+01	-2.6266e+01	-2.6171e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	3.5879e+01	-3.2196e+01	-3.0661e+01
1901	588	0.0000e+00	0.0000e+00	0.0000e+00	-2.9950e+01	3.2719e+01	-4.3237e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	1.8688e+01	2.6734e+01	-2.8283e+01
	704	0.0000e+00	0.0000e+00	0.0000e+00	2.1327e+01	2.5535e+01	-2.7181e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	3.2914e+01	-3.3812e+01	-4.1071e+01
1902	691	0.0000e+00	0.0000e+00	0.0000e+00	3.2991e+01	2.0171e+02	-5.0937e+01

	702	0.0000e+00	0.0000e+00	0.0000e+00	4.0293e+01	1.5738e+02	-4.0170e+01
	703	0.0000e+00	0.0000e+00	0.0000e+00	7.5588e+01	1.2297e+02	-6.1323e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	-4.0943e+01	1.3552e+02	-7.3461e+01
1903	689	0.0000e+00	0.0000e+00	0.0000e+00	2.9660e+01	1.9202e+02	-3.8845e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	4.0117e+01	1.7683e+02	-3.8164e+01
	702	0.0000e+00	0.0000e+00	0.0000e+00	3.9429e+01	1.6982e+02	-4.6062e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	3.4230e+01	1.8712e+02	-4.5741e+01
1904	687	0.0000e+00	0.0000e+00	0.0000e+00	2.9046e+01	1.6445e+02	-3.6643e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	3.7265e+01	1.5392e+02	-3.6036e+01
	701	0.0000e+00	0.0000e+00	0.0000e+00	3.8585e+01	1.7040e+02	-3.7709e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	3.0087e+01	1.7216e+02	-3.7793e+01
1905	685	0.0000e+00	0.0000e+00	0.0000e+00	2.9285e+01	1.2929e+02	-3.5499e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	3.5297e+01	1.2025e+02	-3.5226e+01
	700	0.0000e+00	0.0000e+00	0.0000e+00	3.6077e+01	1.4542e+02	-3.6531e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	2.9225e+01	1.4170e+02	-3.6674e+01
1906	683	0.0000e+00	0.0000e+00	0.0000e+00	3.0649e+01	9.2738e+01	-3.3187e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	3.4264e+01	8.3496e+01	-3.3578e+01
	699	0.0000e+00	0.0000e+00	0.0000e+00	3.4442e+01	1.1101e+02	-3.5455e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	2.9559e+01	1.0623e+02	-3.4997e+01
1907	681	0.0000e+00	0.0000e+00	0.0000e+00	3.3440e+01	5.7476e+01	-3.0049e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	3.4407e+01	4.8762e+01	-3.1260e+01
	698	0.0000e+00	0.0000e+00	0.0000e+00	3.3860e+01	7.4324e+01	-3.3453e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	3.1251e+01	6.9924e+01	-3.2180e+01
1908	679	0.0000e+00	0.0000e+00	0.0000e+00	3.8073e+01	2.9748e+01	-2.6644e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	3.5979e+01	2.6477e+01	-2.8851e+01
	697	0.0000e+00	0.0000e+00	0.0000e+00	3.4709e+01	4.0567e+01	-3.0850e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	3.4556e+01	3.7853e+01	-2.8633e+01
1909	677	0.0000e+00	0.0000e+00	0.0000e+00	4.5134e+01	-3.2040e+01	-2.4601e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	3.8514e+01	-3.3837e+01	-2.8307e+01
	696	0.0000e+00	0.0000e+00	0.0000e+00	3.7434e+01	2.4608e+01	-2.8290e+01
	679	0.0000e+00	0.0000e+00	0.0000e+00	3.9763e+01	-3.1486e+01	-2.5049e+01
1910	675	0.0000e+00	0.0000e+00	0.0000e+00	5.2197e+01	-4.9743e+01	-3.5257e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	3.8772e+01	-4.1165e+01	-3.9069e+01
	695	0.0000e+00	0.0000e+00	0.0000e+00	4.1514e+01	-3.8151e+01	-2.8310e+01
	677	0.0000e+00	0.0000e+00	0.0000e+00	4.7055e+01	-5.7771e+01	-2.5224e+01
1911	577	0.0000e+00	0.0000e+00	0.0000e+00	5.6103e+01	4.5056e+01	-6.8123e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	3.2474e+01	3.7092e+01	-5.0013e+01
	694	0.0000e+00	0.0000e+00	0.0000e+00	3.6319e+01	-4.0857e+01	-3.7672e+01
	675	0.0000e+00	0.0000e+00	0.0000e+00	5.6050e+01	-7.5300e+01	-5.4405e+01
1912	692	0.0000e+00	0.0000e+00	0.0000e+00	2.2595e+01	1.4540e+02	-4.1298e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-3.0180e+01	2.0937e+02	-4.9978e+01
	693	0.0000e+00	0.0000e+00	0.0000e+00	5.3976e+01	1.5673e+02	-1.0054e+02
	11	0.0000e+00	0.0000e+00	0.0000e+00	-5.3508e+01	3.4282e+02	-8.2238e+01
1913	690	0.0000e+00	0.0000e+00	0.0000e+00	1.4095e+01	1.2682e+02	-3.8963e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	2.3348e+01	1.9459e+02	-4.1306e+01
	691	0.0000e+00	0.0000e+00	0.0000e+00	-3.6769e+01	1.9779e+02	-4.8769e+01
	692	0.0000e+00	0.0000e+00	0.0000e+00	2.6267e+01	2.9526e+02	-4.4764e+01
1914	688	0.0000e+00	0.0000e+00	0.0000e+00	7.9262e+00	9.5983e+01	-3.5836e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	2.5127e+01	1.6066e+02	-3.8113e+01
	689	0.0000e+00	0.0000e+00	0.0000e+00	2.6286e+01	1.7991e+02	-4.0052e+01
	690	0.0000e+00	0.0000e+00	0.0000e+00	1.6499e+01	2.5877e+02	-3.7550e+01
1915	686	0.0000e+00	0.0000e+00	0.0000e+00	1.0192e+01	6.2642e+01	-3.3033e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	2.6048e+01	1.2525e+02	-3.7112e+01
	687	0.0000e+00	0.0000e+00	0.0000e+00	2.4721e+01	1.4711e+02	-3.8949e+01
	688	0.0000e+00	0.0000e+00	0.0000e+00	1.0694e+01	2.2400e+02	-3.4835e+01
1916	684	0.0000e+00	0.0000e+00	0.0000e+00	-1.7973e+01	4.0011e+01	-2.9721e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	2.7887e+01	8.8866e+01	-3.4949e+01
	685	0.0000e+00	0.0000e+00	0.0000e+00	-2.6333e+01	1.1100e+02	-3.7423e+01
	686	0.0000e+00	0.0000e+00	0.0000e+00	1.2035e+01	1.8865e+02	-3.2203e+01
1917	682	0.0000e+00	0.0000e+00	0.0000e+00	-2.8490e+01	-5.1233e+01	-2.5850e+01
	681	0.0000e+00	0.0000e+00	0.0000e+00	3.1389e+01	5.3869e+01	-3.1621e+01
	683	0.0000e+00	0.0000e+00	0.0000e+00	-3.0290e+01	7.4665e+01	-3.4659e+01
	684	0.0000e+00	0.0000e+00	0.0000e+00	1.9169e+01	1.5283e+02	-2.8874e+01

1918 680 0.0000e+00 0.0000e+00 0.0000e+00 -4.2948e+01 -8.5690e+01 -2.2249e+01  
679 0.0000e+00 0.0000e+00 0.0000e+00 3.7489e+01 2.9966e+01 -2.8032e+01  
681 0.0000e+00 0.0000e+00 0.0000e+00 -3.6636e+01 4.1571e+01 -3.1135e+01  
682 0.0000e+00 0.0000e+00 0.0000e+00 -2.9693e+01 1.1730e+02 -2.5065e+01

1919 678 0.0000e+00 0.0000e+00 0.0000e+00 -6.4297e+01 -1.2878e+02 -2.1949e+01  
677 0.0000e+00 0.0000e+00 0.0000e+00 4.7637e+01 -4.3340e+01 -2.6869e+01  
679 0.0000e+00 0.0000e+00 0.0000e+00 -4.5835e+01 2.8415e+01 -2.8454e+01  
680 0.0000e+00 0.0000e+00 0.0000e+00 -4.4908e+01 8.3294e+01 -2.2148e+01

1920 676 0.0000e+00 0.0000e+00 0.0000e+00 -9.7317e+01 -1.8211e+02 -3.2375e+01  
675 0.0000e+00 0.0000e+00 0.0000e+00 6.6978e+01 -6.9302e+01 -3.8561e+01  
677 0.0000e+00 0.0000e+00 0.0000e+00 -5.8398e+01 -5.4596e+01 -3.2227e+01  
678 0.0000e+00 0.0000e+00 0.0000e+00 -6.7946e+01 5.4347e+01 -2.3772e+01

1921 10 0.0000e+00 0.0000e+00 0.0000e+00 -1.7271e+02 -2.6674e+02 -8.4397e+01  
577 0.0000e+00 0.0000e+00 0.0000e+00 6.1795e+01 5.4811e+01 -1.1250e+02  
675 0.0000e+00 0.0000e+00 0.0000e+00 7.7322e+01 -9.7505e+01 -5.5664e+01  
676 0.0000e+00 0.0000e+00 0.0000e+00 -1.0522e+02 4.4221e+01 -3.1877e+01

1922 664 0.0000e+00 0.0000e+00 0.0000e+00 -8.6365e+01 6.1189e+02 5.2867e+01  
674 0.0000e+00 0.0000e+00 0.0000e+00 3.8854e+02 7.8544e+01 -1.1799e+02  
21 0.0000e+00 0.0000e+00 0.0000e+00 4.7527e+02 1.6750e+03 3.5609e+02  
665 0.0000e+00 0.0000e+00 0.0000e+00 -3.2399e+02 2.3665e+02 5.0563e+02

1923 663 0.0000e+00 0.0000e+00 0.0000e+00 1.1490e+02 1.4527e+02 -5.2203e+01  
673 0.0000e+00 0.0000e+00 0.0000e+00 1.7085e+02 1.4268e+02 -2.1394e+01  
674 0.0000e+00 0.0000e+00 0.0000e+00 2.3606e+02 3.0591e+02 -3.3540e+01  
664 0.0000e+00 0.0000e+00 0.0000e+00 1.4598e+02 3.2532e+02 -6.4068e+01

1924 662 0.0000e+00 0.0000e+00 0.0000e+00 7.1317e+01 6.9775e+01 -4.0401e+01  
672 0.0000e+00 0.0000e+00 0.0000e+00 8.9381e+01 6.7784e+01 -1.2667e+01  
673 0.0000e+00 0.0000e+00 0.0000e+00 1.3678e+02 1.2775e+02 -2.2413e+01  
663 0.0000e+00 0.0000e+00 0.0000e+00 9.2177e+01 1.4515e+02 -5.0668e+01

1925 661 0.0000e+00 0.0000e+00 0.0000e+00 3.6783e+01 3.0966e+01 -3.2930e+01  
671 0.0000e+00 0.0000e+00 0.0000e+00 4.2318e+01 3.1136e+01 -1.0335e+01  
672 0.0000e+00 0.0000e+00 0.0000e+00 7.1454e+01 6.1560e+01 -1.5037e+01  
662 0.0000e+00 0.0000e+00 0.0000e+00 5.5476e+01 6.9388e+01 -3.6991e+01

1926 660 0.0000e+00 0.0000e+00 0.0000e+00 1.3191e+01 5.1165e+00 -3.0845e+01  
670 0.0000e+00 0.0000e+00 0.0000e+00 1.2340e+01 6.4325e+00 -1.1180e+01  
671 0.0000e+00 0.0000e+00 0.0000e+00 3.0626e+01 2.7426e+01 -1.2040e+01  
661 0.0000e+00 0.0000e+00 0.0000e+00 2.5938e+01 3.0275e+01 -3.1285e+01

1927 659 0.0000e+00 0.0000e+00 0.0000e+00 -2.5223e+01 -2.3647e+01 -3.3830e+01  
669 0.0000e+00 0.0000e+00 0.0000e+00 -3.1760e+01 -1.8523e+01 -1.3496e+01  
670 0.0000e+00 0.0000e+00 0.0000e+00 -1.2520e+01 3.4826e+00 -1.1092e+01  
660 0.0000e+00 0.0000e+00 0.0000e+00 -1.2942e+01 4.4513e+00 -3.1406e+01

1928 658 0.0000e+00 0.0000e+00 0.0000e+00 -5.5573e+01 -6.6565e+01 -4.3137e+01  
668 0.0000e+00 0.0000e+00 0.0000e+00 -7.5840e+01 -5.5422e+01 -1.8084e+01  
669 0.0000e+00 0.0000e+00 0.0000e+00 -4.4078e+01 -2.2799e+01 -1.1303e+01  
659 0.0000e+00 0.0000e+00 0.0000e+00 -3.6722e+01 -2.4480e+01 -3.6610e+01

1929 657 0.0000e+00 0.0000e+00 0.0000e+00 -9.2709e+01 -1.5037e+02 -6.1492e+01  
667 0.0000e+00 0.0000e+00 0.0000e+00 -1.4662e+02 -1.2741e+02 -2.7724e+01  
668 0.0000e+00 0.0000e+00 0.0000e+00 -9.4989e+01 -6.3288e+01 -1.3864e+01  
658 0.0000e+00 0.0000e+00 0.0000e+00 -7.2567e+01 -6.7385e+01 -4.7610e+01

1930 656 0.0000e+00 0.0000e+00 0.0000e+00 -1.3388e+02 -3.4560e+02 -7.9918e+01  
666 0.0000e+00 0.0000e+00 0.0000e+00 -2.5706e+02 -3.1833e+02 -4.0885e+01  
667 0.0000e+00 0.0000e+00 0.0000e+00 -1.8263e+02 -1.4650e+02 -2.3374e+01  
657 0.0000e+00 0.0000e+00 0.0000e+00 -1.1560e+02 -1.5301e+02 -6.2510e+01

1931 655 0.0000e+00 0.0000e+00 0.0000e+00 3.2819e+02 -2.4585e+02 5.1902e+02  
20 0.0000e+00 0.0000e+00 0.0000e+00 -4.1186e+02 -1.7403e+03 3.4319e+02  
666 0.0000e+00 0.0000e+00 0.0000e+00 -4.1210e+02 -9.3938e+01 -1.4135e+02  
656 0.0000e+00 0.0000e+00 0.0000e+00 -5.9821e+01 -6.4401e+02 4.3703e+01

1932 653 0.0000e+00 0.0000e+00 0.0000e+00 -9.7809e+01 1.9659e+02 3.6359e+01  
664 0.0000e+00 0.0000e+00 0.0000e+00 -5.2370e+01 4.4243e+02 9.7973e+01  
665 0.0000e+00 0.0000e+00 0.0000e+00 6.1070e+01 1.0434e+02 2.2317e+02  
654 0.0000e+00 0.0000e+00 0.0000e+00 -3.6406e+01 9.9382e+01 1.6131e+02

1933 652 0.0000e+00 0.0000e+00 0.0000e+00 -4.8088e+01 1.6595e+02 -2.1904e+01  
663 0.0000e+00 0.0000e+00 0.0000e+00 6.0053e+01 1.8563e+02 -7.6557e+01  
664 0.0000e+00 0.0000e+00 0.0000e+00 -6.8018e+01 2.5672e+02 -2.7815e+01



	653	0.0000e+00	0.0000e+00	0.0000e+00	-5.2656e+01	1.7937e+02	2.9101e+01
1934	651	0.0000e+00	0.0000e+00	0.0000e+00	2.0826e+01	8.6467e+01	-4.2811e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	4.7595e+01	8.5454e+01	-5.2477e+01
	663	0.0000e+00	0.0000e+00	0.0000e+00	5.1388e+01	1.2694e+02	-5.6184e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-2.6499e+01	1.3340e+02	-4.6682e+01
1935	650	0.0000e+00	0.0000e+00	0.0000e+00	1.8203e+01	3.7889e+01	-4.6029e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	2.8509e+01	3.7988e+01	-4.1644e+01
	662	0.0000e+00	0.0000e+00	0.0000e+00	4.0953e+01	6.2705e+01	-4.6877e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	1.9179e+01	7.3214e+01	-5.1250e+01
1936	649	0.0000e+00	0.0000e+00	0.0000e+00	1.3282e+01	5.9296e+00	-4.7000e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	1.3198e+01	8.6815e+00	-3.9168e+01
	661	0.0000e+00	0.0000e+00	0.0000e+00	2.2930e+01	2.6343e+01	-4.0237e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	1.5202e+01	3.2220e+01	-4.8044e+01
1937	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.2197e+01	-2.9042e+01	-5.1152e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-2.0680e+01	-2.0339e+01	-4.3360e+01
	660	0.0000e+00	0.0000e+00	0.0000e+00	-1.2532e+01	-3.5054e+00	-3.9571e+01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-1.2195e+01	3.9719e+00	-4.7363e+01
1938	647	0.0000e+00	0.0000e+00	0.0000e+00	-1.3733e+01	-7.3782e+01	-5.7830e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-3.8163e+01	-6.0069e+01	-5.3779e+01
	659	0.0000e+00	0.0000e+00	0.0000e+00	-2.6186e+01	-3.2928e+01	-4.5681e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.3887e+01	-3.5287e+01	-4.9737e+01
1939	646	0.0000e+00	0.0000e+00	0.0000e+00	2.6146e+01	-1.4044e+02	-5.5725e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-4.5347e+01	-1.3150e+02	-6.6907e+01
	658	0.0000e+00	0.0000e+00	0.0000e+00	-4.4949e+01	-8.5215e+01	-6.0718e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	-1.4868e+01	-8.8602e+01	-4.9478e+01
1940	645	0.0000e+00	0.0000e+00	0.0000e+00	5.8421e+01	-1.9213e+02	2.2182e+01
	656	0.0000e+00	0.0000e+00	0.0000e+00	6.9186e+01	-2.7489e+02	-3.7875e+01
	657	0.0000e+00	0.0000e+00	0.0000e+00	-5.4845e+01	-1.9487e+02	-8.8898e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	5.2969e+01	-1.7648e+02	-2.9893e+01
1941	644	0.0000e+00	0.0000e+00	0.0000e+00	4.1315e+01	-1.1043e+02	1.5837e+02
	655	0.0000e+00	0.0000e+00	0.0000e+00	-4.6694e+01	-1.1374e+02	2.2243e+02
	656	0.0000e+00	0.0000e+00	0.0000e+00	4.3711e+01	-4.6319e+02	9.3552e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	1.0788e+02	-2.0979e+02	2.9642e+01
1942	642	0.0000e+00	0.0000e+00	0.0000e+00	-4.2821e+01	9.0195e+01	4.4954e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-5.0391e+01	1.5094e+02	8.2366e+01
	654	0.0000e+00	0.0000e+00	0.0000e+00	2.1609e+01	6.7402e+01	1.2402e+02
	643	0.0000e+00	0.0000e+00	0.0000e+00	-2.1659e+01	4.4207e+01	8.6648e+01
1943	641	0.0000e+00	0.0000e+00	0.0000e+00	-4.8556e+01	1.1035e+02	-6.4611e+00
	652	0.0000e+00	0.0000e+00	0.0000e+00	-3.1539e+01	1.3611e+02	-1.6227e+01
	653	0.0000e+00	0.0000e+00	0.0000e+00	-5.0576e+01	1.6515e+02	3.1173e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-4.7305e+01	1.0111e+02	4.1941e+01
1944	640	0.0000e+00	0.0000e+00	0.0000e+00	-2.9080e+01	7.7656e+01	-3.1437e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-1.7768e+01	8.4780e+01	-4.7975e+01
	652	0.0000e+00	0.0000e+00	0.0000e+00	-3.3767e+01	1.2313e+02	-3.0789e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	-3.7598e+01	9.5633e+01	-1.5055e+01
1945	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.4310e+01	3.8806e+01	-4.1582e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	-1.4583e+01	4.1495e+01	-5.0472e+01
	651	0.0000e+00	0.0000e+00	0.0000e+00	-1.7252e+01	6.7011e+01	-4.7443e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	-2.2167e+01	6.3477e+01	-3.8627e+01
1946	638	0.0000e+00	0.0000e+00	0.0000e+00	1.1213e+01	5.9709e+00	-4.5363e+01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-1.2550e+01	8.9419e+00	-5.0165e+01
	650	0.0000e+00	0.0000e+00	0.0000e+00	-1.3645e+01	2.7735e+01	-4.9355e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.2593e+01	2.9182e+01	-4.4572e+01
1947	637	0.0000e+00	0.0000e+00	0.0000e+00	1.6880e+01	-2.8977e+01	-4.7009e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	1.2213e+01	-2.5203e+01	-5.2202e+01
	649	0.0000e+00	0.0000e+00	0.0000e+00	-1.1970e+01	-6.1254e+00	-5.0703e+01
	638	0.0000e+00	0.0000e+00	0.0000e+00	1.1353e+01	-5.0616e+00	-4.5513e+01
1948	636	0.0000e+00	0.0000e+00	0.0000e+00	2.9488e+01	-6.6349e+01	-4.3224e+01
	647	0.0000e+00	0.0000e+00	0.0000e+00	1.7136e+01	-6.7941e+01	-5.3371e+01
	648	0.0000e+00	0.0000e+00	0.0000e+00	-1.1944e+01	-3.9911e+01	-5.4396e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	1.9241e+01	-3.9362e+01	-4.4233e+01
1949	635	0.0000e+00	0.0000e+00	0.0000e+00	4.7958e+01	-1.0295e+02	-1.9801e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	3.9241e+01	-1.3013e+02	-3.8416e+01

	647	0.0000e+00	0.0000e+00	0.0000e+00	1.5992e+01	-8.7570e+01	-5.4800e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	3.7606e+01	-8.2113e+01	-3.6017e+01
1950	634	0.0000e+00	0.0000e+00	0.0000e+00	6.0279e+01	-1.1212e+02	3.6505e+01
	645	0.0000e+00	0.0000e+00	0.0000e+00	5.9537e+01	-1.7738e+02	2.4077e+01
	646	0.0000e+00	0.0000e+00	0.0000e+00	3.5823e+01	-1.4526e+02	-2.2613e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	6.0343e+01	-1.1948e+02	-1.0058e+01
1951	633	0.0000e+00	0.0000e+00	0.0000e+00	3.4404e+01	-5.5739e+01	8.1320e+01
	644	0.0000e+00	0.0000e+00	0.0000e+00	-1.4643e+01	-7.7515e+01	1.1934e+02
	645	0.0000e+00	0.0000e+00	0.0000e+00	5.8966e+01	-1.6318e+02	7.7456e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	5.6055e+01	-1.0135e+02	3.9434e+01
1952	631	0.0000e+00	0.0000e+00	0.0000e+00	-2.9481e+01	4.9579e+01	2.8200e+01
	642	0.0000e+00	0.0000e+00	0.0000e+00	-3.6617e+01	7.7433e+01	5.2115e+01
	643	0.0000e+00	0.0000e+00	0.0000e+00	-9.9527e+00	3.1283e+01	6.8322e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-1.3152e+01	2.6125e+01	4.4495e+01
1953	630	0.0000e+00	0.0000e+00	0.0000e+00	-4.0670e+01	6.9710e+01	4.9978e+00
	641	0.0000e+00	0.0000e+00	0.0000e+00	-3.8144e+01	9.2772e+01	7.4756e+00
	642	0.0000e+00	0.0000e+00	0.0000e+00	-3.7100e+01	8.8285e+01	3.0099e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-3.5705e+01	6.1022e+01	2.7252e+01
1954	629	0.0000e+00	0.0000e+00	0.0000e+00	-3.1940e+01	5.8822e+01	-1.8812e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	-2.5454e+01	6.9839e+01	-2.8620e+01
	641	0.0000e+00	0.0000e+00	0.0000e+00	-3.9322e+01	8.7550e+01	-1.3082e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-3.7006e+01	6.5922e+01	-5.9821e+00
1955	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.6192e+01	3.3539e+01	-2.8615e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.3566e+01	3.7928e+01	-4.0724e+01
	640	0.0000e+00	0.0000e+00	0.0000e+00	-2.5201e+01	5.8576e+01	-3.4054e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-2.6134e+01	4.9260e+01	-2.2119e+01
1956	627	0.0000e+00	0.0000e+00	0.0000e+00	8.1838e+00	4.9617e+00	-3.2366e+01
	638	0.0000e+00	0.0000e+00	0.0000e+00	1.0351e+01	7.2176e+00	-4.3973e+01
	639	0.0000e+00	0.0000e+00	0.0000e+00	-1.2603e+01	2.5800e+01	-4.1953e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.2016e+01	2.3440e+01	-3.0402e+01
1957	626	0.0000e+00	0.0000e+00	0.0000e+00	2.1780e+01	-2.5257e+01	-3.1758e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	1.9290e+01	-2.6102e+01	-4.3846e+01
	638	0.0000e+00	0.0000e+00	0.0000e+00	1.0838e+01	-6.8453e+00	-4.4427e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	1.0694e+01	-5.9869e+00	-3.2356e+01
1958	625	0.0000e+00	0.0000e+00	0.0000e+00	3.8341e+01	-5.3590e+01	-2.4411e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	3.4902e+01	-6.1791e+01	-3.7880e+01
	637	0.0000e+00	0.0000e+00	0.0000e+00	2.0402e+01	-3.9044e+01	-4.3432e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	2.6842e+01	-3.6089e+01	-2.9943e+01
1959	624	0.0000e+00	0.0000e+00	0.0000e+00	5.1525e+01	-7.3780e+01	-5.9908e+00
	635	0.0000e+00	0.0000e+00	0.0000e+00	5.1657e+01	-9.4935e+01	-1.7293e+01
	636	0.0000e+00	0.0000e+00	0.0000e+00	3.5179e+01	-7.4460e+01	-3.2815e+01
	625	0.0000e+00	0.0000e+00	0.0000e+00	4.4890e+01	-6.4431e+01	-2.1097e+01
1960	623	0.0000e+00	0.0000e+00	0.0000e+00	5.2407e+01	-7.2033e+01	2.3118e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	5.1212e+01	-9.8961e+01	2.4497e+01
	635	0.0000e+00	0.0000e+00	0.0000e+00	5.0561e+01	-1.0163e+02	-3.4602e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	5.5923e+01	-7.8854e+01	-3.2178e+00
1961	622	0.0000e+00	0.0000e+00	0.0000e+00	3.1144e+01	-3.8662e+01	3.9648e+01
	633	0.0000e+00	0.0000e+00	0.0000e+00	2.0537e+01	-4.2486e+01	6.2787e+01
	634	0.0000e+00	0.0000e+00	0.0000e+00	5.0981e+01	-8.8837e+01	4.7129e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	4.6559e+01	-6.1177e+01	2.3990e+01
1962	620	0.0000e+00	0.0000e+00	0.0000e+00	-2.3713e+01	3.4356e+01	1.2690e+01
	631	0.0000e+00	0.0000e+00	0.0000e+00	-2.7748e+01	4.5170e+01	2.9034e+01
	632	0.0000e+00	0.0000e+00	0.0000e+00	-8.3470e+00	2.1167e+01	3.5218e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.1527e+01	2.0676e+01	1.9154e+01
1963	619	0.0000e+00	0.0000e+00	0.0000e+00	-3.3275e+01	4.9375e+01	4.1113e+00
	630	0.0000e+00	0.0000e+00	0.0000e+00	-3.4675e+01	6.1298e+01	8.3452e+00
	631	0.0000e+00	0.0000e+00	0.0000e+00	-2.9115e+01	5.4075e+01	1.8942e+01
	620	0.0000e+00	0.0000e+00	0.0000e+00	-2.8461e+01	4.2739e+01	1.3745e+01
1964	618	0.0000e+00	0.0000e+00	0.0000e+00	-2.8700e+01	4.5392e+01	-8.8676e+00
	629	0.0000e+00	0.0000e+00	0.0000e+00	-2.7647e+01	5.2917e+01	-1.4216e+01
	630	0.0000e+00	0.0000e+00	0.0000e+00	-3.5039e+01	6.0761e+01	-6.2583e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	-3.2516e+01	4.9004e+01	5.1869e+00
1965	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.5035e+01	2.7860e+01	-1.3518e+01

	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.4154e+01	3.1335e+01	-2.4704e+01
	629	0.0000e+00	0.0000e+00	0.0000e+00	-2.6347e+01	4.6031e+01	-1.9771e+01
	618	0.0000e+00	0.0000e+00	0.0000e+00	-2.4855e+01	3.9004e+01	-9.1461e+00
1966	616	0.0000e+00	0.0000e+00	0.0000e+00	6.0082e+00	3.9861e+00	-1.5073e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	7.6996e+00	5.0042e+00	-2.8527e+01
	628	0.0000e+00	0.0000e+00	0.0000e+00	-1.1866e+01	2.1517e+01	-2.6944e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.0552e+01	1.8782e+01	-1.3674e+01
1967	615	0.0000e+00	0.0000e+00	0.0000e+00	2.2784e+01	-2.1634e+01	-1.3776e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	2.2953e+01	-2.3651e+01	-2.7730e+01
	627	0.0000e+00	0.0000e+00	0.0000e+00	9.6972e+00	-6.4431e+00	-2.8829e+01
	616	0.0000e+00	0.0000e+00	0.0000e+00	1.0003e+01	-6.2025e+00	-1.4931e+01
1968	614	0.0000e+00	0.0000e+00	0.0000e+00	3.8924e+01	-4.4140e+01	-8.8522e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	3.9572e+01	-5.0602e+01	-2.1396e+01
	626	0.0000e+00	0.0000e+00	0.0000e+00	2.5605e+01	-3.4166e+01	-2.6003e+01
	615	0.0000e+00	0.0000e+00	0.0000e+00	2.7823e+01	-3.1392e+01	-1.3396e+01
1969	613	0.0000e+00	0.0000e+00	0.0000e+00	4.8661e+01	-5.7399e+01	2.3540e+00
	624	0.0000e+00	0.0000e+00	0.0000e+00	5.0411e+01	-6.8716e+01	-7.0615e+00
	625	0.0000e+00	0.0000e+00	0.0000e+00	4.1194e+01	-5.8670e+01	-1.5943e+01
	614	0.0000e+00	0.0000e+00	0.0000e+00	4.3247e+01	-5.1683e+01	-8.6502e+00
1970	612	0.0000e+00	0.0000e+00	0.0000e+00	4.6768e+01	-5.4117e+01	1.1628e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	4.6508e+01	-6.5021e+01	1.5164e+01
	624	0.0000e+00	0.0000e+00	0.0000e+00	5.0470e+01	-7.0538e+01	4.4440e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	4.9916e+01	-5.8997e+01	-1.9446e+00
1971	611	0.0000e+00	0.0000e+00	0.0000e+00	3.1191e+01	-3.2893e+01	1.5857e+01
	622	0.0000e+00	0.0000e+00	0.0000e+00	2.6867e+01	-3.3496e+01	3.0804e+01
	623	0.0000e+00	0.0000e+00	0.0000e+00	4.5635e+01	-5.7028e+01	2.5311e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	4.2437e+01	-4.6516e+01	1.0368e+01
1972	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.3083e+01	3.2657e+01	-2.1568e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	-2.3503e+01	3.3647e+01	1.1969e+01
	621	0.0000e+00	0.0000e+00	0.0000e+00	-1.0394e+01	1.9801e+01	1.3167e+01
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.3198e+01	2.2688e+01	-5.6200e+00
1973	608	0.0000e+00	0.0000e+00	0.0000e+00	-3.0083e+01	4.4132e+01	2.8735e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	-3.1015e+01	4.6586e+01	6.1838e+00
	620	0.0000e+00	0.0000e+00	0.0000e+00	-2.5726e+01	4.0222e+01	7.4698e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.5767e+01	3.9087e+01	2.6564e+00
1974	607	0.0000e+00	0.0000e+00	0.0000e+00	-2.6089e+01	4.0823e+01	4.3534e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	-2.6511e+01	4.2839e+01	-5.2634e+00
	619	0.0000e+00	0.0000e+00	0.0000e+00	-3.1008e+01	4.6833e+01	4.2785e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	-2.9970e+01	4.4364e+01	5.3819e+00
1975	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.4220e+01	2.5553e+01	4.2225e+00
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.3756e+01	2.6487e+01	-8.9059e+00
	618	0.0000e+00	0.0000e+00	0.0000e+00	-2.4432e+01	3.7648e+01	-8.0510e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	-2.3579e+01	3.5591e+01	5.8105e+00
1976	605	0.0000e+00	0.0000e+00	0.0000e+00	7.0308e+00	4.2142e+00	3.6396e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	6.2797e+00	3.7320e+00	-1.0562e+01
	617	0.0000e+00	0.0000e+00	0.0000e+00	-1.0589e+01	1.8169e+01	-1.0492e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.0764e+01	1.7175e+01	4.8444e+00
1977	604	0.0000e+00	0.0000e+00	0.0000e+00	2.2047e+01	-2.0131e+01	3.7971e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	2.2997e+01	-2.1163e+01	-9.9845e+00
	616	0.0000e+00	0.0000e+00	0.0000e+00	9.3762e+00	-6.0326e+00	-1.0694e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	1.0048e+01	-6.3748e+00	3.6705e+00
1978	603	0.0000e+00	0.0000e+00	0.0000e+00	3.6704e+01	-4.0851e+01	4.7334e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	3.8550e+01	-4.2922e+01	-7.1121e+00
	615	0.0000e+00	0.0000e+00	0.0000e+00	2.6541e+01	-3.0107e+01	-8.5638e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	2.5969e+01	-2.9187e+01	3.0601e+00
1979	602	0.0000e+00	0.0000e+00	0.0000e+00	4.4999e+01	-5.2973e+01	4.9860e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	4.7125e+01	-5.5335e+01	-2.4430e+00
	614	0.0000e+00	0.0000e+00	0.0000e+00	4.1060e+01	-4.9228e+01	-3.7976e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	3.9456e+01	-4.7264e+01	2.8100e+00
1980	601	0.0000e+00	0.0000e+00	0.0000e+00	4.2714e+01	-5.0518e+01	2.9300e+00
	612	0.0000e+00	0.0000e+00	0.0000e+00	4.3983e+01	-5.1605e+01	5.9471e+00
	613	0.0000e+00	0.0000e+00	0.0000e+00	4.7727e+01	-5.6352e+01	4.4553e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	4.5324e+01	-5.4035e+01	1.9462e+00

1981	600	0.0000e+00	0.0000e+00	0.0000e+00	2.9752e+01	-3.2875e+01	-1.6990e+00
	611	0.0000e+00	0.0000e+00	0.0000e+00	2.9913e+01	-3.1418e+01	1.0008e+01
	612	0.0000e+00	0.0000e+00	0.0000e+00	4.2357e+01	-4.5813e+01	1.0201e+01
	601	0.0000e+00	0.0000e+00	0.0000e+00	4.0100e+01	-4.4682e+01	-1.4555e+00
1982	598	0.0000e+00	0.0000e+00	0.0000e+00	-2.7162e+01	4.1629e+01	-1.4473e+01
	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.3628e+01	3.4476e+01	-2.7896e+00
	610	0.0000e+00	0.0000e+00	0.0000e+00	-1.4321e+01	2.4532e+01	-9.0385e+00
	599	0.0000e+00	0.0000e+00	0.0000e+00	-1.8292e+01	2.9881e+01	-1.9984e+01
1983	597	0.0000e+00	0.0000e+00	0.0000e+00	-3.1083e+01	5.1499e+01	-2.3185e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	-3.0706e+01	4.5482e+01	3.9482e+00
	609	0.0000e+00	0.0000e+00	0.0000e+00	-2.6562e+01	4.0219e+01	-3.3332e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	-2.7860e+01	4.7356e+01	-7.2442e+00
1984	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.5761e+01	4.4812e+01	1.0863e+01
	607	0.0000e+00	0.0000e+00	0.0000e+00	-2.6466e+01	4.1424e+01	6.9383e+00
	608	0.0000e+00	0.0000e+00	0.0000e+00	-3.0064e+01	4.5101e+01	3.7841e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	-3.0887e+01	5.0606e+01	6.6143e+00
1985	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.5841e+01	2.7316e+01	1.6761e+01
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.4773e+01	2.5525e+01	7.6575e+00
	607	0.0000e+00	0.0000e+00	0.0000e+00	-2.3622e+01	3.6166e+01	6.2445e+00
	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.4179e+01	3.8716e+01	1.4760e+01
1986	594	0.0000e+00	0.0000e+00	0.0000e+00	1.0939e+01	5.5241e+00	1.9128e+01
	605	0.0000e+00	0.0000e+00	0.0000e+00	8.0215e+00	4.0676e+00	7.5013e+00
	606	0.0000e+00	0.0000e+00	0.0000e+00	-1.1521e+01	1.7705e+01	7.1383e+00
	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.3828e+01	1.8441e+01	1.8429e+01
1987	593	0.0000e+00	0.0000e+00	0.0000e+00	2.0457e+01	-2.0695e+01	1.9216e+01
	604	0.0000e+00	0.0000e+00	0.0000e+00	2.1632e+01	-2.0686e+01	7.1527e+00
	605	0.0000e+00	0.0000e+00	0.0000e+00	1.0462e+01	-5.9997e+00	7.3642e+00
	594	0.0000e+00	0.0000e+00	0.0000e+00	1.1908e+01	-6.8651e+00	1.9307e+01
1988	592	0.0000e+00	0.0000e+00	0.0000e+00	3.2599e+01	-4.3334e+01	1.6511e+01
	603	0.0000e+00	0.0000e+00	0.0000e+00	3.5641e+01	-4.1502e+01	6.1846e+00
	604	0.0000e+00	0.0000e+00	0.0000e+00	2.5450e+01	-2.9052e+01	7.5089e+00
	593	0.0000e+00	0.0000e+00	0.0000e+00	2.2707e+01	-3.0265e+01	1.7907e+01
1989	591	0.0000e+00	0.0000e+00	0.0000e+00	4.0656e+01	-5.8893e+01	9.0482e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	4.3871e+01	-5.3831e+01	3.5300e+00
	603	0.0000e+00	0.0000e+00	0.0000e+00	3.8920e+01	-4.7835e+01	7.0508e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	3.3998e+01	-5.0735e+01	1.2893e+01
1990	590	0.0000e+00	0.0000e+00	0.0000e+00	3.8873e+01	-5.8750e+01	-4.7536e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	4.2274e+01	-5.1704e+01	-2.6238e+00
	602	0.0000e+00	0.0000e+00	0.0000e+00	4.5217e+01	-5.5491e+01	4.5375e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	4.0475e+01	-6.1306e+01	2.6992e+00
1991	589	0.0000e+00	0.0000e+00	0.0000e+00	2.5839e+01	-3.7533e+01	-1.7719e+01
	600	0.0000e+00	0.0000e+00	0.0000e+00	3.0083e+01	-3.4075e+01	-6.6728e+00
	601	0.0000e+00	0.0000e+00	0.0000e+00	3.9991e+01	-4.6343e+01	-1.4887e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	3.7513e+01	-5.3476e+01	-1.2406e+01
1992	587	0.0000e+00	0.0000e+00	0.0000e+00	-3.7249e+01	6.1599e+01	-2.8313e+01
	598	0.0000e+00	0.0000e+00	0.0000e+00	-2.8550e+01	4.6270e+01	-1.4297e+01
	599	0.0000e+00	0.0000e+00	0.0000e+00	-2.1425e+01	3.4108e+01	-2.6425e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	2.8944e+01	4.3920e+01	-4.0125e+01
1993	586	0.0000e+00	0.0000e+00	0.0000e+00	-3.4940e+01	6.8545e+01	1.3810e+00
	597	0.0000e+00	0.0000e+00	0.0000e+00	-3.4322e+01	5.7011e+01	2.6404e+00
	598	0.0000e+00	0.0000e+00	0.0000e+00	-3.2122e+01	5.1904e+01	-1.2981e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-3.5522e+01	7.0708e+01	-1.4158e+01
1994	585	0.0000e+00	0.0000e+00	0.0000e+00	-2.6791e+01	5.3571e+01	2.0213e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.8008e+01	4.7965e+01	1.4102e+01
	597	0.0000e+00	0.0000e+00	0.0000e+00	-3.2195e+01	5.4126e+01	5.0936e+00
	586	0.0000e+00	0.0000e+00	0.0000e+00	-3.4181e+01	6.7167e+01	1.0744e+01
1995	584	0.0000e+00	0.0000e+00	0.0000e+00	-1.9473e+01	3.0571e+01	2.8246e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.7551e+01	2.8057e+01	1.9932e+01
	596	0.0000e+00	0.0000e+00	0.0000e+00	-2.4645e+01	4.1222e+01	1.5894e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-2.5614e+01	4.6926e+01	2.4109e+01
1996	583	0.0000e+00	0.0000e+00	0.0000e+00	1.6001e+01	6.1722e+00	3.1093e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	1.2383e+01	5.0942e+00	2.2134e+01
	595	0.0000e+00	0.0000e+00	0.0000e+00	-1.5146e+01	2.0139e+01	2.0762e+01

	584	0.0000e+00	0.0000e+00	0.0000e+00	-1.8332e+01	2.2087e+01	2.9677e+01
1997	582	0.0000e+00	0.0000e+00	0.0000e+00	1.8369e+01	-2.3226e+01	3.0838e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	1.9726e+01	-2.2391e+01	2.1819e+01
	594	0.0000e+00	0.0000e+00	0.0000e+00	1.3065e+01	-6.0644e+00	2.2141e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	1.5666e+01	-6.4519e+00	3.1143e+01
1998	581	0.0000e+00	0.0000e+00	0.0000e+00	2.4799e+01	-5.0317e+01	2.6643e+01
	592	0.0000e+00	0.0000e+00	0.0000e+00	3.0617e+01	-4.5946e+01	1.8099e+01
	593	0.0000e+00	0.0000e+00	0.0000e+00	2.2412e+01	-3.0695e+01	2.0983e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	1.8688e+01	-3.2243e+01	2.9541e+01
1999	580	0.0000e+00	0.0000e+00	0.0000e+00	3.2311e+01	-7.4477e+01	1.4833e+01
	591	0.0000e+00	0.0000e+00	0.0000e+00	3.9082e+01	-6.2653e+01	8.1737e+00
	592	0.0000e+00	0.0000e+00	0.0000e+00	3.4021e+01	-5.3598e+01	1.6199e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	2.4841e+01	-5.8142e+01	2.2994e+01
2000	579	0.0000e+00	0.0000e+00	0.0000e+00	3.3447e+01	-8.2656e+01	-9.4458e+00
	590	0.0000e+00	0.0000e+00	0.0000e+00	4.0139e+01	-6.3629e+01	-9.7573e+00
	591	0.0000e+00	0.0000e+00	0.0000e+00	4.1684e+01	-6.6875e+01	5.5418e+00
	580	0.0000e+00	0.0000e+00	0.0000e+00	3.1632e+01	-7.7474e+01	5.9306e+00
2001	578	0.0000e+00	0.0000e+00	0.0000e+00	2.0895e+01	-5.0799e+01	-3.7066e+01
	589	0.0000e+00	0.0000e+00	0.0000e+00	2.8281e+01	-4.1757e+01	-2.4090e+01
	590	0.0000e+00	0.0000e+00	0.0000e+00	3.7383e+01	-5.8261e+01	-1.1470e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	3.3392e+01	-7.4435e+01	-2.4456e+01
2002	575	0.0000e+00	0.0000e+00	0.0000e+00	-5.6107e+01	1.2546e+02	-3.7211e+01
	587	0.0000e+00	0.0000e+00	0.0000e+00	-4.3895e+01	7.3568e+01	-2.0965e+01
	588	0.0000e+00	0.0000e+00	0.0000e+00	-3.4247e+01	5.0948e+01	-4.7704e+01
	577	0.0000e+00	0.0000e+00	0.0000e+00	5.3535e+01	5.4975e+01	-6.3879e+01
2003	573	0.0000e+00	0.0000e+00	0.0000e+00	4.1076e+01	1.0530e+02	1.5128e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-4.1957e+01	7.9868e+01	6.7065e+00
	587	0.0000e+00	0.0000e+00	0.0000e+00	-4.2184e+01	7.7685e+01	-1.6435e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	-5.1101e+01	9.6000e+01	-1.0481e+01
2004	571	0.0000e+00	0.0000e+00	0.0000e+00	3.1354e+01	7.3179e+01	2.8776e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-2.9724e+01	5.7869e+01	2.2651e+01
	586	0.0000e+00	0.0000e+00	0.0000e+00	-3.4449e+01	7.2752e+01	1.4040e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	3.8259e+01	7.4302e+01	2.0363e+01
2005	569	0.0000e+00	0.0000e+00	0.0000e+00	2.4804e+01	4.2210e+01	3.3772e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	-2.1367e+01	3.1181e+01	3.0097e+01
	585	0.0000e+00	0.0000e+00	0.0000e+00	-2.5641e+01	5.0793e+01	2.6978e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	2.8771e+01	4.5885e+01	3.0728e+01
2006	567	0.0000e+00	0.0000e+00	0.0000e+00	2.0934e+01	1.2993e+01	3.5535e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	1.7339e+01	5.1869e+00	3.2893e+01
	584	0.0000e+00	0.0000e+00	0.0000e+00	1.9511e+01	2.4544e+01	3.1854e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	2.3085e+01	1.7285e+01	3.4526e+01
2007	565	0.0000e+00	0.0000e+00	0.0000e+00	1.9676e+01	-1.7274e+01	3.5096e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	1.7541e+01	-2.5751e+01	3.2825e+01
	583	0.0000e+00	0.0000e+00	0.0000e+00	1.7171e+01	-5.2444e+00	3.2947e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	2.0286e+01	-1.2769e+01	3.5223e+01
2008	563	0.0000e+00	0.0000e+00	0.0000e+00	2.1005e+01	-4.7488e+01	3.1700e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	2.1257e+01	-5.4412e+01	2.9214e+01
	582	0.0000e+00	0.0000e+00	0.0000e+00	1.9013e+01	-3.2515e+01	3.1182e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-2.0254e+01	-4.3265e+01	3.3663e+01
2009	561	0.0000e+00	0.0000e+00	0.0000e+00	2.4661e+01	-7.8885e+01	2.2045e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	2.7643e+01	-8.0519e+01	1.8104e+01
	581	0.0000e+00	0.0000e+00	0.0000e+00	2.4920e+01	-6.1870e+01	2.4929e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-2.2788e+01	-7.7083e+01	2.8915e+01
2010	559	0.0000e+00	0.0000e+00	0.0000e+00	3.0022e+01	-1.0507e+02	-4.3742e+00
	579	0.0000e+00	0.0000e+00	0.0000e+00	3.2970e+01	-9.0425e+01	-1.0652e+01
	580	0.0000e+00	0.0000e+00	0.0000e+00	3.5345e+01	-8.8271e+01	1.0175e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-2.7006e+01	-1.1417e+02	1.6207e+01
2011	558	0.0000e+00	0.0000e+00	0.0000e+00	-3.4697e+01	-6.0996e+01	-6.0795e+01
	578	0.0000e+00	0.0000e+00	0.0000e+00	2.4864e+01	-5.8959e+01	-4.4958e+01
	579	0.0000e+00	0.0000e+00	0.0000e+00	3.8483e+01	-8.7634e+01	-1.6261e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	3.2294e+01	-1.4284e+02	-3.2085e+01
2012	576	0.0000e+00	0.0000e+00	0.0000e+00	1.0114e+02	3.0530e+01	-4.1315e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	7.6967e+01	1.5462e+02	-4.3602e+01

	577	0.0000e+00	0.0000e+00	0.0000e+00	-6.7085e+01	7.5358e+01	-1.0870e+02
	10	0.0000e+00	0.0000e+00	0.0000e+00	1.6362e+02	3.2352e+02	-7.7254e+01
2013	574	0.0000e+00	0.0000e+00	0.0000e+00	6.9508e+01	2.1497e+01	-2.5618e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	5.3890e+01	1.0608e+02	-1.2025e+01
	575	0.0000e+00	0.0000e+00	0.0000e+00	6.1192e+01	1.1831e+02	-2.1457e+01
	576	0.0000e+00	0.0000e+00	0.0000e+00	9.8940e+01	2.3251e+02	-3.0029e+01
2014	572	0.0000e+00	0.0000e+00	0.0000e+00	4.6383e+01	-6.4756e+00	2.1560e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	4.0955e+01	6.8940e+01	1.7570e+01
	573	0.0000e+00	0.0000e+00	0.0000e+00	3.9854e+01	8.9385e+01	1.6240e+01
	574	0.0000e+00	0.0000e+00	0.0000e+00	6.8970e+01	1.7322e+02	2.2048e+01
2015	570	0.0000e+00	0.0000e+00	0.0000e+00	3.0482e+01	-2.9044e+01	2.1669e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	3.1014e+01	3.6694e+01	2.2088e+01
	571	0.0000e+00	0.0000e+00	0.0000e+00	2.9652e+01	5.6302e+01	2.0903e+01
	572	0.0000e+00	0.0000e+00	0.0000e+00	4.6307e+01	1.2742e+02	2.1384e+01
2016	568	0.0000e+00	0.0000e+00	0.0000e+00	2.4740e+01	-5.8109e+01	2.1530e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	2.4156e+01	6.4528e+00	2.3424e+01
	569	0.0000e+00	0.0000e+00	0.0000e+00	-2.4543e+01	2.4957e+01	2.3359e+01
	570	0.0000e+00	0.0000e+00	0.0000e+00	3.0368e+01	9.0364e+01	2.1815e+01
2017	566	0.0000e+00	0.0000e+00	0.0000e+00	-3.2613e+01	-9.2554e+01	1.9314e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	2.1010e+01	-2.5448e+01	2.2047e+01
	567	0.0000e+00	0.0000e+00	0.0000e+00	-2.4537e+01	-6.3945e+00	2.3367e+01
	568	0.0000e+00	0.0000e+00	0.0000e+00	2.3955e+01	5.9335e+01	2.0729e+01
2018	564	0.0000e+00	0.0000e+00	0.0000e+00	-5.0377e+01	-1.3459e+02	1.4315e+01
	563	0.0000e+00	0.0000e+00	0.0000e+00	-2.2584e+01	-5.8775e+01	1.7604e+01
	565	0.0000e+00	0.0000e+00	0.0000e+00	-2.9453e+01	-3.7571e+01	2.0670e+01
	566	0.0000e+00	0.0000e+00	0.0000e+00	-3.1466e+01	3.2232e+01	1.7156e+01
2019	562	0.0000e+00	0.0000e+00	0.0000e+00	-7.6286e+01	-1.8719e+02	8.6274e+00
	561	0.0000e+00	0.0000e+00	0.0000e+00	-2.8465e+01	-9.5464e+01	8.7774e+00
	563	0.0000e+00	0.0000e+00	0.0000e+00	-3.8304e+01	-7.2052e+01	1.4038e+01
	564	0.0000e+00	0.0000e+00	0.0000e+00	-4.9590e+01	8.5168e+00	1.1202e+01
2020	560	0.0000e+00	0.0000e+00	0.0000e+00	-1.1166e+02	-2.5598e+02	-2.1267e+01
	559	0.0000e+00	0.0000e+00	0.0000e+00	3.7643e+01	-1.3062e+02	-1.6683e+01
	561	0.0000e+00	0.0000e+00	0.0000e+00	-4.8504e+01	-1.1242e+02	-3.6139e+00
	562	0.0000e+00	0.0000e+00	0.0000e+00	-7.6274e+01	-1.6908e+01	-1.1331e+01
2021	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5959e+02	-3.6437e+02	-8.0345e+01
	558	0.0000e+00	0.0000e+00	0.0000e+00	5.4972e+01	-8.6573e+01	-1.0405e+02
	559	0.0000e+00	0.0000e+00	0.0000e+00	-5.0789e+01	-1.7108e+02	-4.2886e+01
	560	0.0000e+00	0.0000e+00	0.0000e+00	-1.1358e+02	-2.2497e+01	-2.7946e+01
2022	547	0.0000e+00	0.0000e+00	0.0000e+00	4.9491e+01	6.4282e+02	4.5783e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	4.2252e+02	7.8464e+01	-1.1765e+02
	19	0.0000e+00	0.0000e+00	0.0000e+00	4.6596e+02	1.7546e+03	3.5674e+02
	548	0.0000e+00	0.0000e+00	0.0000e+00	-3.2425e+02	2.5960e+02	5.1430e+02
2023	546	0.0000e+00	0.0000e+00	0.0000e+00	1.2315e+02	1.4748e+02	-6.0972e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	1.8754e+02	1.4315e+02	-1.6278e+01
	557	0.0000e+00	0.0000e+00	0.0000e+00	2.6247e+02	3.1896e+02	-3.0519e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	1.4858e+02	3.4319e+02	-7.5564e+01
2024	545	0.0000e+00	0.0000e+00	0.0000e+00	7.5915e+01	6.3470e+01	-4.5929e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	9.7301e+01	6.0276e+01	-1.0419e+01
	556	0.0000e+00	0.0000e+00	0.0000e+00	1.5022e+02	1.2604e+02	-2.2214e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	9.8396e+01	1.4668e+02	-5.8059e+01
2025	544	0.0000e+00	0.0000e+00	0.0000e+00	3.7605e+01	2.0619e+01	-3.5917e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	4.4819e+01	1.9805e+01	-1.0030e+01
	555	0.0000e+00	0.0000e+00	0.0000e+00	7.7493e+01	5.3105e+01	-1.5478e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	5.8072e+01	6.2815e+01	-4.1237e+01
2026	543	0.0000e+00	0.0000e+00	0.0000e+00	7.9541e+00	-7.7058e+00	-3.1730e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	7.9745e+00	-6.4539e+00	-1.1063e+01
	554	0.0000e+00	0.0000e+00	0.0000e+00	3.1777e+01	1.5727e+01	-1.2658e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	2.4992e+01	1.9799e+01	-3.3220e+01
2027	542	0.0000e+00	0.0000e+00	0.0000e+00	-2.0800e+01	-3.3982e+01	-3.2652e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-2.7338e+01	-3.0129e+01	-1.2694e+01
	553	0.0000e+00	0.0000e+00	0.0000e+00	-4.8545e+00	-9.3267e+00	-1.1404e+01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-5.1863e+00	-8.2986e+00	-3.1334e+01
2028	541	0.0000e+00	0.0000e+00	0.0000e+00	-5.0404e+01	-7.2657e+01	-3.9543e+01

	551	0.0000e+00	0.0000e+00	0.0000e+00	-6.9331e+01	-6.3279e+01	-1.5830e+01
	552	0.0000e+00	0.0000e+00	0.0000e+00	-3.9391e+01	-3.3803e+01	-1.0726e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-3.2479e+01	-3.4484e+01	-3.4473e+01
2029	540	0.0000e+00	0.0000e+00	0.0000e+00	-8.3839e+01	-1.4731e+02	-5.4715e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.3393e+02	-1.2733e+02	-2.2810e+01
	551	0.0000e+00	0.0000e+00	0.0000e+00	-8.6853e+01	-6.9743e+01	-1.1159e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-6.6082e+01	-7.2786e+01	-4.3076e+01
2030	539	0.0000e+00	0.0000e+00	0.0000e+00	-1.1830e+02	-3.2421e+02	-6.9654e+01
	549	0.0000e+00	0.0000e+00	0.0000e+00	-2.3247e+02	-3.0114e+02	-3.0953e+01
	550	0.0000e+00	0.0000e+00	0.0000e+00	-1.6668e+02	-1.4360e+02	-1.6960e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-1.0424e+02	-1.4815e+02	-5.5672e+01
2031	538	0.0000e+00	0.0000e+00	0.0000e+00	3.2622e+02	-2.1203e+02	5.0387e+02
	18	0.0000e+00	0.0000e+00	0.0000e+00	-3.6056e+02	-1.6465e+03	3.3478e+02
	549	0.0000e+00	0.0000e+00	0.0000e+00	-3.7866e+02	-7.6103e+01	-1.2200e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	1.9835e+01	-6.0717e+02	4.8152e+01
2032	536	0.0000e+00	0.0000e+00	0.0000e+00	-1.0016e+02	2.1281e+02	2.7223e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-2.7422e+01	4.6667e+02	9.0783e+01
	548	0.0000e+00	0.0000e+00	0.0000e+00	5.3243e+01	1.2160e+02	2.2143e+02
	537	0.0000e+00	0.0000e+00	0.0000e+00	-3.3208e+01	1.1587e+02	1.5767e+02
2033	535	0.0000e+00	0.0000e+00	0.0000e+00	-4.3745e+01	1.7287e+02	-3.1147e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	6.0380e+01	1.9124e+02	-8.7815e+01
	547	0.0000e+00	0.0000e+00	0.0000e+00	-5.5184e+01	2.7111e+02	-3.9038e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-4.8194e+01	1.9273e+02	1.8634e+01
2034	534	0.0000e+00	0.0000e+00	0.0000e+00	9.9849e+00	8.4273e+01	-5.0049e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	4.7830e+01	8.1060e+01	-5.9255e+01
	546	0.0000e+00	0.0000e+00	0.0000e+00	4.9821e+01	1.2768e+02	-6.5827e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-1.7505e+01	1.3751e+02	-5.6666e+01
2035	533	0.0000e+00	0.0000e+00	0.0000e+00	1.0833e+01	3.0665e+01	-5.0249e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	2.6471e+01	2.8718e+01	-4.5079e+01
	545	0.0000e+00	0.0000e+00	0.0000e+00	4.0265e+01	5.6176e+01	-5.2919e+01
	534	0.0000e+00	0.0000e+00	0.0000e+00	9.4428e+00	6.9769e+01	-5.8090e+01
2036	532	0.0000e+00	0.0000e+00	0.0000e+00	4.9476e+00	-5.4203e+00	-4.8142e+01
	543	0.0000e+00	0.0000e+00	0.0000e+00	5.8908e+00	-3.8507e+00	-3.9872e+01
	544	0.0000e+00	0.0000e+00	0.0000e+00	1.9845e+01	1.6242e+01	-4.3230e+01
	533	0.0000e+00	0.0000e+00	0.0000e+00	6.7545e+00	2.4535e+01	-5.1495e+01
2037	531	0.0000e+00	0.0000e+00	0.0000e+00	-5.2983e+00	-3.6654e+01	-4.9266e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-1.6496e+01	-3.0232e+01	-4.1460e+01
	543	0.0000e+00	0.0000e+00	0.0000e+00	-4.2465e+00	-1.2296e+01	-3.9890e+01
	532	0.0000e+00	0.0000e+00	0.0000e+00	-4.5407e+00	-9.1422e+00	-4.7695e+01
2038	530	0.0000e+00	0.0000e+00	0.0000e+00	-5.7126e+00	-7.7234e+01	-5.2938e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-3.4031e+01	-6.6166e+01	-4.9073e+01
	542	0.0000e+00	0.0000e+00	0.0000e+00	-2.2417e+01	-4.1887e+01	-4.3305e+01
	531	0.0000e+00	0.0000e+00	0.0000e+00	-8.8301e+00	-4.2259e+01	-4.7171e+01
2039	529	0.0000e+00	0.0000e+00	0.0000e+00	1.7899e+01	-1.3577e+02	-4.8391e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-3.8323e+01	-1.2935e+02	-5.9218e+01
	541	0.0000e+00	0.0000e+00	0.0000e+00	-4.0192e+01	-8.8851e+01	-5.5197e+01
	530	0.0000e+00	0.0000e+00	0.0000e+00	-4.9477e+00	-9.0399e+01	-4.4365e+01
2040	528	0.0000e+00	0.0000e+00	0.0000e+00	4.9434e+01	-1.7699e+02	2.6680e+01
	539	0.0000e+00	0.0000e+00	0.0000e+00	6.3766e+01	-2.5707e+02	-2.9609e+01
	540	0.0000e+00	0.0000e+00	0.0000e+00	-4.6844e+01	-1.8745e+02	-7.9775e+01
	529	0.0000e+00	0.0000e+00	0.0000e+00	4.5600e+01	-1.6810e+02	-2.3572e+01
2041	527	0.0000e+00	0.0000e+00	0.0000e+00	4.6873e+01	-8.8226e+01	1.5627e+02
	538	0.0000e+00	0.0000e+00	0.0000e+00	-4.4193e+01	-8.8716e+01	2.1823e+02
	539	0.0000e+00	0.0000e+00	0.0000e+00	3.1581e+01	-4.3163e+02	9.7628e+01
	528	0.0000e+00	0.0000e+00	0.0000e+00	9.8873e+01	-1.9294e+02	3.5680e+01
2042	525	0.0000e+00	0.0000e+00	0.0000e+00	-5.2151e+01	1.0273e+02	3.7263e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-5.1028e+01	1.6534e+02	7.4945e+01
	537	0.0000e+00	0.0000e+00	0.0000e+00	1.1265e+01	8.1537e+01	1.1823e+02
	526	0.0000e+00	0.0000e+00	0.0000e+00	-3.0354e+01	5.7993e+01	8.0468e+01
2043	524	0.0000e+00	0.0000e+00	0.0000e+00	-5.5701e+01	1.1778e+02	-1.2534e+01
	535	0.0000e+00	0.0000e+00	0.0000e+00	-2.7933e+01	1.4278e+02	-2.4940e+01
	536	0.0000e+00	0.0000e+00	0.0000e+00	-5.2637e+01	1.7758e+02	2.1338e+01
	525	0.0000e+00	0.0000e+00	0.0000e+00	-5.5652e+01	1.1238e+02	3.3818e+01

2044 523 0.0000e+00 0.0000e+00 0.0000e+00 -3.3030e+01 7.8557e+01 -3.7932e+01  
534 0.0000e+00 0.0000e+00 0.0000e+00 -8.6191e+00 8.3675e+01 -5.5835e+01  
535 0.0000e+00 0.0000e+00 0.0000e+00 -3.2028e+01 1.2701e+02 -4.0135e+01  
524 0.0000e+00 0.0000e+00 0.0000e+00 -4.3309e+01 1.0084e+02 -2.2413e+01

2045 522 0.0000e+00 0.0000e+00 0.0000e+00 -1.4366e+01 3.4987e+01 -4.5643e+01  
533 0.0000e+00 0.0000e+00 0.0000e+00 -5.1545e+00 3.5392e+01 -5.5063e+01  
534 0.0000e+00 0.0000e+00 0.0000e+00 -1.0039e+01 6.3808e+01 -5.4391e+01  
523 0.0000e+00 0.0000e+00 0.0000e+00 -2.5050e+01 6.2785e+01 -4.4993e+01

2046 521 0.0000e+00 0.0000e+00 0.0000e+00 -4.1511e+00 -2.6185e+00 -4.6562e+01  
532 0.0000e+00 0.0000e+00 0.0000e+00 -3.8555e+00 2.6692e+00 -5.1408e+01  
533 0.0000e+00 0.0000e+00 0.0000e+00 -4.8359e+00 2.0577e+01 -5.3040e+01  
522 0.0000e+00 0.0000e+00 0.0000e+00 -1.1891e+01 2.4609e+01 -4.8200e+01

2047 520 0.0000e+00 0.0000e+00 0.0000e+00 7.6474e+00 -3.3756e+01 -4.5334e+01  
531 0.0000e+00 0.0000e+00 0.0000e+00 -3.4081e+00 -3.2194e+01 -5.0251e+01  
532 0.0000e+00 0.0000e+00 0.0000e+00 -3.9146e+00 -1.2878e+01 -5.1105e+01  
521 0.0000e+00 0.0000e+00 0.0000e+00 -3.4790e+00 -9.6139e+00 -4.6190e+01

2048 519 0.0000e+00 0.0000e+00 0.0000e+00 2.0456e+01 -6.7583e+01 -3.9021e+01  
530 0.0000e+00 0.0000e+00 0.0000e+00 8.0020e+00 -7.1133e+01 -4.8498e+01  
531 0.0000e+00 0.0000e+00 0.0000e+00 -3.6889e+00 -4.5996e+01 -5.1611e+01  
520 0.0000e+00 0.0000e+00 0.0000e+00 1.0109e+01 -4.3358e+01 -4.2133e+01

2049 518 0.0000e+00 0.0000e+00 0.0000e+00 3.8202e+01 -9.7987e+01 -1.4140e+01  
529 0.0000e+00 0.0000e+00 0.0000e+00 3.0878e+01 -1.2569e+02 -3.1614e+01  
530 0.0000e+00 0.0000e+00 0.0000e+00 6.2998e+00 -8.8659e+01 -4.9158e+01  
519 0.0000e+00 0.0000e+00 0.0000e+00 2.8452e+01 -8.1576e+01 -3.1665e+01

2050 517 0.0000e+00 0.0000e+00 0.0000e+00 4.9013e+01 -9.9715e+01 4.0692e+01  
528 0.0000e+00 0.0000e+00 0.0000e+00 5.1673e+01 -1.6295e+02 2.9245e+01  
529 0.0000e+00 0.0000e+00 0.0000e+00 2.7585e+01 -1.3805e+02 -1.5971e+01  
518 0.0000e+00 0.0000e+00 0.0000e+00 5.0180e+01 -1.1181e+02 -4.5281e+00

2051 516 0.0000e+00 0.0000e+00 0.0000e+00 2.7412e+01 -3.5972e+01 8.4947e+01  
527 0.0000e+00 0.0000e+00 0.0000e+00 -7.9359e+00 -5.8975e+01 1.2245e+02  
528 0.0000e+00 0.0000e+00 0.0000e+00 5.0824e+01 -1.4629e+02 8.1408e+01  
517 0.0000e+00 0.0000e+00 0.0000e+00 4.5507e+01 -8.7909e+01 4.3906e+01

2052 514 0.0000e+00 0.0000e+00 0.0000e+00 -4.4598e+01 6.1214e+01 2.2026e+01  
525 0.0000e+00 0.0000e+00 0.0000e+00 -4.7100e+01 8.9575e+01 4.5016e+01  
526 0.0000e+00 0.0000e+00 0.0000e+00 -1.6547e+01 4.4027e+01 6.1601e+01  
515 0.0000e+00 0.0000e+00 0.0000e+00 -2.9033e+01 3.9192e+01 3.8488e+01

2053 513 0.0000e+00 0.0000e+00 0.0000e+00 -5.3780e+01 7.7403e+01 -6.1852e+00  
524 0.0000e+00 0.0000e+00 0.0000e+00 -4.6560e+01 1.0001e+02 -5.5375e+00  
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514 0.0000e+00 0.0000e+00 0.0000e+00 -5.0187e+01 7.1583e+01 2.0849e+01

2054 512 0.0000e+00 0.0000e+00 0.0000e+00 -4.2681e+01 6.1623e+01 -2.3680e+01  
523 0.0000e+00 0.0000e+00 0.0000e+00 -3.1401e+01 7.1223e+01 -3.5109e+01  
524 0.0000e+00 0.0000e+00 0.0000e+00 -4.8026e+01 9.2709e+01 -2.0035e+01  
513 0.0000e+00 0.0000e+00 0.0000e+00 -4.9242e+01 7.1920e+01 -9.1207e+00

2055 511 0.0000e+00 0.0000e+00 0.0000e+00 -2.4537e+01 3.2413e+01 -3.1856e+01  
522 0.0000e+00 0.0000e+00 0.0000e+00 -1.6487e+01 3.4904e+01 -4.4997e+01  
523 0.0000e+00 0.0000e+00 0.0000e+00 -3.1387e+01 5.8211e+01 -3.9989e+01  
512 0.0000e+00 0.0000e+00 0.0000e+00 -3.6135e+01 5.0600e+01 -2.6900e+01

2056 510 0.0000e+00 0.0000e+00 0.0000e+00 -6.7856e+00 2.1608e+00 -3.3480e+01  
521 0.0000e+00 0.0000e+00 0.0000e+00 -4.6094e+00 2.6133e+00 -4.5410e+01  
522 0.0000e+00 0.0000e+00 0.0000e+00 -1.5381e+01 2.1772e+01 -4.5351e+01  
511 0.0000e+00 0.0000e+00 0.0000e+00 -1.9361e+01 2.1496e+01 -3.3437e+01

2057 509 0.0000e+00 0.0000e+00 0.0000e+00 1.0640e+01 -2.7639e+01 -3.0652e+01  
520 0.0000e+00 0.0000e+00 0.0000e+00 9.3463e+00 -3.0276e+01 -4.2430e+01  
521 0.0000e+00 0.0000e+00 0.0000e+00 -3.4788e+00 -1.1221e+01 -4.4961e+01  
510 0.0000e+00 0.0000e+00 0.0000e+00 -2.8290e+00 -8.7467e+00 -3.3188e+01

2058 508 0.0000e+00 0.0000e+00 0.0000e+00 2.6740e+01 -5.3040e+01 -2.1344e+01  
519 0.0000e+00 0.0000e+00 0.0000e+00 2.4819e+01 -6.2652e+01 -3.3978e+01  
520 0.0000e+00 0.0000e+00 0.0000e+00 1.0576e+01 -4.2441e+01 -4.1197e+01  
509 0.0000e+00 0.0000e+00 0.0000e+00 1.5697e+01 -3.7718e+01 -2.8563e+01

2059 507 0.0000e+00 0.0000e+00 0.0000e+00 3.8915e+01 -6.8259e+01 -1.3572e+00  
518 0.0000e+00 0.0000e+00 0.0000e+00 4.0564e+01 -8.9973e+01 -1.1755e+01  
519 0.0000e+00 0.0000e+00 0.0000e+00 2.5187e+01 -7.3669e+01 -2.8383e+01



	508	0.0000e+00	0.0000e+00	0.0000e+00	3.3047e+01	-6.2378e+01	-1.7825e+01
2060	506	0.0000e+00	0.0000e+00	0.0000e+00	3.8772e+01	-6.0409e+01	2.7253e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	3.9831e+01	-8.7058e+01	2.9325e+01
	518	0.0000e+00	0.0000e+00	0.0000e+00	3.9729e+01	-9.4476e+01	4.3007e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	4.3074e+01	-7.1364e+01	2.2101e+00
2061	505	0.0000e+00	0.0000e+00	0.0000e+00	1.8803e+01	-2.0754e+01	4.3507e+01
	516	0.0000e+00	0.0000e+00	0.0000e+00	6.8506e+00	-2.3887e+01	6.6994e+01
	517	0.0000e+00	0.0000e+00	0.0000e+00	3.9780e+01	-7.5124e+01	5.1759e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	3.3147e+01	-4.7994e+01	2.8268e+01
2062	503	0.0000e+00	0.0000e+00	0.0000e+00	-4.1726e+01	4.5538e+01	8.7763e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	-4.3751e+01	5.6635e+01	2.3343e+01
	515	0.0000e+00	0.0000e+00	0.0000e+00	-2.4891e+01	3.3575e+01	2.9469e+01
	504	0.0000e+00	0.0000e+00	0.0000e+00	-3.0319e+01	3.2211e+01	1.4556e+01
2063	502	0.0000e+00	0.0000e+00	0.0000e+00	-4.9304e+01	5.7387e+01	-4.7535e+00
	513	0.0000e+00	0.0000e+00	0.0000e+00	-4.8605e+01	6.8952e+01	4.1687e+00
	514	0.0000e+00	0.0000e+00	0.0000e+00	-4.4877e+01	6.4331e+01	1.3070e+01
	503	0.0000e+00	0.0000e+00	0.0000e+00	-4.5959e+01	5.2956e+01	9.7336e+00
2064	501	0.0000e+00	0.0000e+00	0.0000e+00	-4.2676e+01	4.9386e+01	-1.1717e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-3.9459e+01	5.5986e+01	-1.8769e+01
	513	0.0000e+00	0.0000e+00	0.0000e+00	-4.8813e+01	6.6803e+01	-1.0299e+01
	502	0.0000e+00	0.0000e+00	0.0000e+00	-4.7938e+01	5.5589e+01	-4.6024e+00
2065	500	0.0000e+00	0.0000e+00	0.0000e+00	-2.7216e+01	2.8523e+01	-1.5605e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	-2.3898e+01	3.0710e+01	-2.8023e+01
	512	0.0000e+00	0.0000e+00	0.0000e+00	-3.8039e+01	4.7674e+01	-2.4044e+01
	501	0.0000e+00	0.0000e+00	0.0000e+00	-3.8298e+01	4.1708e+01	-1.1789e+01
2066	499	0.0000e+00	0.0000e+00	0.0000e+00	-8.6915e+00	2.9247e+00	-1.5960e+01
	510	0.0000e+00	0.0000e+00	0.0000e+00	-6.7217e+00	2.6018e+00	-2.9889e+01
	511	0.0000e+00	0.0000e+00	0.0000e+00	-2.1286e+01	2.0031e+01	-2.9579e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-2.2099e+01	1.8676e+01	-1.5698e+01
2067	498	0.0000e+00	0.0000e+00	0.0000e+00	9.9971e+00	-2.2145e+01	-1.3222e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	1.1044e+01	-2.5514e+01	-2.6948e+01
	510	0.0000e+00	0.0000e+00	0.0000e+00	-3.8223e+00	-8.7712e+00	-2.9422e+01
	499	0.0000e+00	0.0000e+00	0.0000e+00	-3.7765e+00	-7.1719e+00	-1.5711e+01
2068	497	0.0000e+00	0.0000e+00	0.0000e+00	2.5500e+01	-4.2071e+01	-6.7649e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	2.7071e+01	-4.9651e+01	-1.8620e+01
	509	0.0000e+00	0.0000e+00	0.0000e+00	1.3730e+01	-3.5364e+01	-2.4522e+01
	498	0.0000e+00	0.0000e+00	0.0000e+00	1.4972e+01	-3.1227e+01	-1.2662e+01
2069	496	0.0000e+00	0.0000e+00	0.0000e+00	3.4285e+01	-5.0979e+01	3.8744e+00
	507	0.0000e+00	0.0000e+00	0.0000e+00	3.6887e+01	-6.3018e+01	-2.5912e+00
	508	0.0000e+00	0.0000e+00	0.0000e+00	2.8701e+01	-5.6382e+01	-1.2674e+01
	497	0.0000e+00	0.0000e+00	0.0000e+00	2.9665e+01	-4.8307e+01	-6.3247e+00
2070	495	0.0000e+00	0.0000e+00	0.0000e+00	3.1613e+01	-4.2341e+01	1.5384e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	3.2362e+01	-5.3529e+01	1.9607e+01
	507	0.0000e+00	0.0000e+00	0.0000e+00	3.7073e+01	-6.3097e+01	7.8223e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	3.5427e+01	-5.0894e+01	3.6037e+00
2071	494	0.0000e+00	0.0000e+00	0.0000e+00	1.6591e+01	-1.5686e+01	2.0077e+01
	505	0.0000e+00	0.0000e+00	0.0000e+00	1.1854e+01	-1.6081e+01	3.5290e+01
	506	0.0000e+00	0.0000e+00	0.0000e+00	3.1750e+01	-4.3818e+01	2.9736e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	2.7384e+01	-3.3178e+01	1.4517e+01
2072	492	0.0000e+00	0.0000e+00	0.0000e+00	-4.0536e+01	4.2778e+01	-5.1918e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	-4.1741e+01	4.4478e+01	8.5646e+00
	504	0.0000e+00	0.0000e+00	0.0000e+00	-2.9182e+01	3.0343e+01	8.8147e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	-2.9988e+01	3.1042e+01	-4.4249e+00
2073	491	0.0000e+00	0.0000e+00	0.0000e+00	-4.5987e+01	5.2226e+01	-4.4962e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	-4.7304e+01	5.4583e+01	4.0736e+00
	503	0.0000e+00	0.0000e+00	0.0000e+00	-4.3595e+01	5.0216e+01	4.9916e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	-4.3075e+01	4.8671e+01	3.9350e+00
2074	490	0.0000e+00	0.0000e+00	0.0000e+00	-4.0178e+01	4.5434e+01	3.3620e+00
	501	0.0000e+00	0.0000e+00	0.0000e+00	-4.0832e+01	4.7001e+01	-7.0999e+00
	502	0.0000e+00	0.0000e+00	0.0000e+00	-4.6945e+01	5.3485e+01	-5.8670e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	-4.5555e+01	5.1211e+01	4.1519e+00
2075	489	0.0000e+00	0.0000e+00	0.0000e+00	-2.6521e+01	2.7171e+01	2.4237e+00
	500	0.0000e+00	0.0000e+00	0.0000e+00	-2.6380e+01	2.7453e+01	-1.0862e+01

	501	0.0000e+00	0.0000e+00	0.0000e+00	-3.8493e+01	4.0591e+01	-1.0188e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-3.7327e+01	3.9025e+01	3.5775e+00
2076	488	0.0000e+00	0.0000e+00	0.0000e+00	-9.5596e+00	3.9140e+00	2.4510e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	-8.6242e+00	2.9856e+00	-1.1623e+01
	500	0.0000e+00	0.0000e+00	0.0000e+00	-2.2882e+01	1.8396e+01	-1.2022e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-2.2451e+01	1.8060e+01	2.7521e+00
2077	487	0.0000e+00	0.0000e+00	0.0000e+00	8.7076e+00	-1.9244e+01	3.7692e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	9.7999e+00	-2.1236e+01	-9.7151e+00
	499	0.0000e+00	0.0000e+00	0.0000e+00	-4.9023e+00	-6.6103e+00	-1.1175e+01
	488	0.0000e+00	0.0000e+00	0.0000e+00	-5.5213e+00	-5.8107e+00	2.5482e+00
2078	486	0.0000e+00	0.0000e+00	0.0000e+00	2.2782e+01	-3.7487e+01	5.5960e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	2.4676e+01	-4.0443e+01	-5.2540e+00
	498	0.0000e+00	0.0000e+00	0.0000e+00	1.3288e+01	-2.9586e+01	-7.6982e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	1.2586e+01	-2.7684e+01	3.1575e+00
2079	485	0.0000e+00	0.0000e+00	0.0000e+00	3.0297e+01	-4.5386e+01	6.8138e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	3.2324e+01	-4.8580e+01	1.8900e+00
	497	0.0000e+00	0.0000e+00	0.0000e+00	2.7129e+01	-4.5556e+01	-1.3375e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	2.5501e+01	-4.2665e+01	3.7571e+00
2080	484	0.0000e+00	0.0000e+00	0.0000e+00	2.7440e+01	-3.7758e+01	6.1396e+00
	495	0.0000e+00	0.0000e+00	0.0000e+00	2.8537e+01	-3.9606e+01	9.9158e+00
	496	0.0000e+00	0.0000e+00	0.0000e+00	3.2961e+01	-4.8043e+01	7.3824e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	3.0645e+01	-4.4854e+01	3.6198e+00
2081	483	0.0000e+00	0.0000e+00	0.0000e+00	1.4823e+01	-1.5165e+01	3.4873e+00
	494	0.0000e+00	0.0000e+00	0.0000e+00	1.4275e+01	-1.4167e+01	1.4888e+01
	495	0.0000e+00	0.0000e+00	0.0000e+00	2.7159e+01	-3.2297e+01	1.4427e+01
	484	0.0000e+00	0.0000e+00	0.0000e+00	2.4987e+01	-3.0412e+01	2.9849e+00
2082	481	0.0000e+00	0.0000e+00	0.0000e+00	-3.9341e+01	5.0513e+01	-1.5562e+01
	492	0.0000e+00	0.0000e+00	0.0000e+00	-4.0549e+01	4.4039e+01	-5.2909e+00
	493	0.0000e+00	0.0000e+00	0.0000e+00	-3.0516e+01	3.1767e+01	-8.8925e+00
	482	0.0000e+00	0.0000e+00	0.0000e+00	-2.7240e+01	3.4264e+01	-1.9861e+01
2083	480	0.0000e+00	0.0000e+00	0.0000e+00	-4.2433e+01	5.9412e+01	4.0705e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	-4.6093e+01	5.3545e+01	3.9390e+00
	492	0.0000e+00	0.0000e+00	0.0000e+00	-4.3102e+01	4.9592e+01	-6.5457e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	-4.0546e+01	5.6214e+01	-8.6552e+00
2084	479	0.0000e+00	0.0000e+00	0.0000e+00	-3.5614e+01	4.9483e+01	1.0292e+01
	490	0.0000e+00	0.0000e+00	0.0000e+00	-3.9941e+01	4.6123e+01	5.1027e+00
	491	0.0000e+00	0.0000e+00	0.0000e+00	-4.4949e+01	5.2018e+01	3.9379e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	-4.2443e+01	5.7344e+01	6.6006e+00
2085	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.3408e+01	2.9178e+01	1.5969e+01
	489	0.0000e+00	0.0000e+00	0.0000e+00	-2.6254e+01	2.7301e+01	5.7810e+00
	490	0.0000e+00	0.0000e+00	0.0000e+00	-3.6724e+01	3.9786e+01	4.4232e+00
	479	0.0000e+00	0.0000e+00	0.0000e+00	-3.4013e+01	4.2248e+01	1.3962e+01
2086	477	0.0000e+00	0.0000e+00	0.0000e+00	-9.5373e+00	5.2419e+00	1.8470e+01
	488	0.0000e+00	0.0000e+00	0.0000e+00	-9.8042e+00	3.8540e+00	6.3357e+00
	489	0.0000e+00	0.0000e+00	0.0000e+00	-2.2323e+01	1.8836e+01	5.5865e+00
	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.0766e+01	1.9594e+01	1.7532e+01
2087	476	0.0000e+00	0.0000e+00	0.0000e+00	7.6952e+00	-1.8870e+01	1.8964e+01
	487	0.0000e+00	0.0000e+00	0.0000e+00	8.3220e+00	-1.9416e+01	6.9508e+00
	488	0.0000e+00	0.0000e+00	0.0000e+00	-6.0857e+00	-5.1075e+00	6.7003e+00
	477	0.0000e+00	0.0000e+00	0.0000e+00	-7.0117e+00	-5.2184e+00	1.8669e+01
2088	475	0.0000e+00	0.0000e+00	0.0000e+00	1.9634e+01	-3.8934e+01	1.6897e+01
	486	0.0000e+00	0.0000e+00	0.0000e+00	2.1773e+01	-3.7696e+01	6.9253e+00
	487	0.0000e+00	0.0000e+00	0.0000e+00	1.2025e+01	-2.7237e+01	7.8315e+00
	476	0.0000e+00	0.0000e+00	0.0000e+00	9.9830e+00	-2.7823e+01	1.7803e+01
2089	474	0.0000e+00	0.0000e+00	0.0000e+00	2.7270e+01	-4.9981e+01	1.0367e+01
	485	0.0000e+00	0.0000e+00	0.0000e+00	2.9285e+01	-4.5747e+01	5.1426e+00
	486	0.0000e+00	0.0000e+00	0.0000e+00	2.4993e+01	-4.2873e+01	8.3468e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	2.1156e+01	-4.5025e+01	1.3579e+01
2090	473	0.0000e+00	0.0000e+00	0.0000e+00	2.5085e+01	-4.4187e+01	-1.3122e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	2.7103e+01	-3.8386e+01	1.6284e+00
	485	0.0000e+00	0.0000e+00	0.0000e+00	3.0599e+01	-4.5845e+01	6.9573e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	2.7257e+01	-5.0655e+01	4.1934e+00
2091	472	0.0000e+00	0.0000e+00	0.0000e+00	1.1874e+01	-1.7860e+01	-1.1971e+01

	483	0.0000e+00	0.0000e+00	0.0000e+00	1.5148e+01	-1.5794e+01	-1.1997e+00
	484	0.0000e+00	0.0000e+00	0.0000e+00	2.4997e+01	-3.1546e+01	3.0039e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	2.3966e+01	-3.7273e+01	-8.0415e+00
2092	470	0.0000e+00	0.0000e+00	0.0000e+00	-3.6457e+01	7.0210e+01	-2.7676e+01
	481	0.0000e+00	0.0000e+00	0.0000e+00	-3.9337e+01	5.4751e+01	-1.4726e+01
	482	0.0000e+00	0.0000e+00	0.0000e+00	-3.0007e+01	3.7780e+01	-2.6021e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-2.1536e+01	4.5390e+01	-3.9127e+01
2093	469	0.0000e+00	0.0000e+00	0.0000e+00	-3.3965e+01	7.5963e+01	4.0502e+00
	480	0.0000e+00	0.0000e+00	0.0000e+00	-4.3968e+01	6.4964e+01	4.0377e+00
	481	0.0000e+00	0.0000e+00	0.0000e+00	-4.2459e+01	6.0733e+01	-1.3564e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-3.6191e+01	7.9577e+01	-1.3230e+01
2094	468	0.0000e+00	0.0000e+00	0.0000e+00	-2.5399e+01	5.7670e+01	2.0653e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-3.5843e+01	5.2617e+01	1.3611e+01
	480	0.0000e+00	0.0000e+00	0.0000e+00	-4.1310e+01	6.0990e+01	5.7959e+00
	469	0.0000e+00	0.0000e+00	0.0000e+00	-3.4467e+01	7.3454e+01	1.2072e+01
2095	467	0.0000e+00	0.0000e+00	0.0000e+00	-1.6566e+01	3.2150e+01	2.8011e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-2.2922e+01	2.9968e+01	1.9102e+01
	479	0.0000e+00	0.0000e+00	0.0000e+00	-3.2162e+01	4.4942e+01	1.5591e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-2.5089e+01	5.0029e+01	2.4419e+01
2096	466	0.0000e+00	0.0000e+00	0.0000e+00	-8.6369e+00	5.7400e+00	3.0642e+01
	477	0.0000e+00	0.0000e+00	0.0000e+00	-9.7261e+00	4.8021e+00	2.1382e+01
	478	0.0000e+00	0.0000e+00	0.0000e+00	-1.9682e+01	2.1540e+01	2.0231e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-1.5644e+01	2.3108e+01	2.9468e+01
2097	465	0.0000e+00	0.0000e+00	0.0000e+00	6.5200e+00	-2.0835e+01	3.0559e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	7.2846e+00	-2.0207e+01	2.1479e+01
	477	0.0000e+00	0.0000e+00	0.0000e+00	-7.2008e+00	-4.1490e+00	2.1783e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-7.7859e+00	-4.3457e+00	3.0856e+01
2098	464	0.0000e+00	0.0000e+00	0.0000e+00	1.3351e+01	-4.5031e+01	2.6863e+01
	475	0.0000e+00	0.0000e+00	0.0000e+00	1.8098e+01	-4.1013e+01	1.8445e+01
	476	0.0000e+00	0.0000e+00	0.0000e+00	9.9006e+00	-2.7986e+01	2.1133e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	6.9189e+00	-2.9321e+01	2.9550e+01
2099	463	0.0000e+00	0.0000e+00	0.0000e+00	2.1284e+01	-6.4112e+01	1.5938e+01
	474	0.0000e+00	0.0000e+00	0.0000e+00	2.6322e+01	-5.3023e+01	9.4899e+00
	475	0.0000e+00	0.0000e+00	0.0000e+00	2.1626e+01	-4.7502e+01	1.7168e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.3511e+01	-5.1671e+01	2.3625e+01
2100	462	0.0000e+00	0.0000e+00	0.0000e+00	2.2201e+01	-6.5328e+01	-6.2848e+00
	473	0.0000e+00	0.0000e+00	0.0000e+00	2.6866e+01	-4.8142e+01	-6.0387e+00
	474	0.0000e+00	0.0000e+00	0.0000e+00	2.8977e+01	-5.5507e+01	7.7163e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	2.0682e+01	-6.5468e+01	7.5153e+00
2101	461	0.0000e+00	0.0000e+00	0.0000e+00	6.8534e+00	-2.7615e+01	-3.0383e+01
	472	0.0000e+00	0.0000e+00	0.0000e+00	1.5422e+01	-2.0877e+01	-1.7471e+01
	473	0.0000e+00	0.0000e+00	0.0000e+00	2.4186e+01	-4.1073e+01	-7.0224e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	2.2261e+01	-5.5082e+01	-1.9936e+01
2102	458	0.0000e+00	0.0000e+00	0.0000e+00	-2.6369e+01	1.3705e+02	-3.5017e+01
	470	0.0000e+00	0.0000e+00	0.0000e+00	-4.2090e+01	8.2701e+01	-1.9454e+01
	471	0.0000e+00	0.0000e+00	0.0000e+00	-2.6361e+01	5.2321e+01	-4.6801e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	2.2843e+01	5.2806e+01	-6.2482e+01
2103	456	0.0000e+00	0.0000e+00	0.0000e+00	1.6028e+01	1.1285e+02	1.4973e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-3.8110e+01	8.7280e+01	7.8265e+00
	470	0.0000e+00	0.0000e+00	0.0000e+00	-3.5923e+01	8.6798e+01	-1.4704e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	-2.6784e+01	1.0391e+02	-7.1122e+00
2104	454	0.0000e+00	0.0000e+00	0.0000e+00	1.1820e+01	7.6946e+01	2.8245e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-2.4834e+01	6.1827e+01	2.2862e+01
	469	0.0000e+00	0.0000e+00	0.0000e+00	-2.8853e+01	7.9280e+01	1.5564e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	-1.5716e+01	7.8881e+01	2.0838e+01
2105	452	0.0000e+00	0.0000e+00	0.0000e+00	8.9337e+00	4.3677e+01	3.3221e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-1.5585e+01	3.2816e+01	2.9756e+01
	468	0.0000e+00	0.0000e+00	0.0000e+00	-1.9822e+01	5.4145e+01	2.7391e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	1.0907e+01	4.8013e+01	3.0845e+01
2106	450	0.0000e+00	0.0000e+00	0.0000e+00	7.2784e+00	1.3563e+01	3.5200e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-9.0606e+00	4.8819e+00	3.2412e+01
	467	0.0000e+00	0.0000e+00	0.0000e+00	-1.2606e+01	2.5892e+01	3.1770e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-8.5968e+00	1.8204e+01	3.4556e+01

2107	448	0.0000e+00	0.0000e+00	0.0000e+00	-6.9048e+00	-1.5102e+01	3.5211e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	6.1130e+00	-2.2976e+01	3.2578e+01
	466	0.0000e+00	0.0000e+00	0.0000e+00	-7.2847e+00	-2.9897e+00	3.2850e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-7.8717e+00	-1.0827e+01	3.5483e+01
2108	446	0.0000e+00	0.0000e+00	0.0000e+00	-7.2968e+00	-4.2498e+01	3.2482e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	9.5269e+00	-4.8479e+01	2.9503e+01
	465	0.0000e+00	0.0000e+00	0.0000e+00	7.0449e+00	-2.9287e+01	3.1456e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-8.4484e+00	-3.9125e+01	3.4435e+01
2109	444	0.0000e+00	0.0000e+00	0.0000e+00	7.4844e+00	-6.8975e+01	2.3709e+01
	463	0.0000e+00	0.0000e+00	0.0000e+00	1.6640e+01	-6.9236e+01	1.9207e+01
	464	0.0000e+00	0.0000e+00	0.0000e+00	1.3675e+01	-5.4980e+01	2.5921e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-9.5287e+00	-6.8555e+01	3.0428e+01
2110	442	0.0000e+00	0.0000e+00	0.0000e+00	1.3631e+01	-8.8066e+01	-1.5759e+00
	462	0.0000e+00	0.0000e+00	0.0000e+00	2.1970e+01	-7.1822e+01	-7.7141e+00
	463	0.0000e+00	0.0000e+00	0.0000e+00	2.5132e+01	-7.5520e+01	1.2347e+01
	444	0.0000e+00	0.0000e+00	0.0000e+00	-9.3316e+00	-9.8827e+01	1.8572e+01
2111	441	0.0000e+00	0.0000e+00	0.0000e+00	-1.3881e+01	-3.2525e+01	-5.2835e+01
	461	0.0000e+00	0.0000e+00	0.0000e+00	1.3885e+01	-3.3478e+01	-3.6927e+01
	462	0.0000e+00	0.0000e+00	0.0000e+00	2.8068e+01	-6.6601e+01	-1.2129e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	1.1594e+01	-1.1679e+02	-2.8031e+01
2112	459	0.0000e+00	0.0000e+00	0.0000e+00	9.2016e+01	2.3825e+01	-1.8299e+01
	458	0.0000e+00	0.0000e+00	0.0000e+00	3.1621e+01	1.6744e+02	-4.1982e+01
	460	0.0000e+00	0.0000e+00	0.0000e+00	-6.0589e+01	7.4686e+01	-1.0727e+02
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.0547e+02	3.4964e+02	-7.4117e+01
2113	457	0.0000e+00	0.0000e+00	0.0000e+00	6.2707e+01	1.8780e+01	8.9230e+00
	456	0.0000e+00	0.0000e+00	0.0000e+00	3.2914e+01	1.1251e+02	-3.2074e+00
	458	0.0000e+00	0.0000e+00	0.0000e+00	-2.6631e+01	1.2791e+02	-1.5534e+01
	459	0.0000e+00	0.0000e+00	0.0000e+00	9.3289e+01	2.4879e+02	-1.5439e+01
2114	455	0.0000e+00	0.0000e+00	0.0000e+00	3.9189e+01	-5.5124e+00	1.3315e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	2.6821e+01	7.2363e+01	1.4240e+01
	456	0.0000e+00	0.0000e+00	0.0000e+00	1.5741e+01	9.4910e+01	9.0941e+00
	457	0.0000e+00	0.0000e+00	0.0000e+00	6.4207e+01	1.8294e+02	9.3611e+00
2115	453	0.0000e+00	0.0000e+00	0.0000e+00	2.0551e+01	-2.9058e+01	1.8886e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	1.8886e+01	3.8409e+01	2.0875e+01
	454	0.0000e+00	0.0000e+00	0.0000e+00	1.0914e+01	5.9051e+01	1.8131e+01
	455	0.0000e+00	0.0000e+00	0.0000e+00	4.0839e+01	1.3202e+02	1.6321e+01
2116	451	0.0000e+00	0.0000e+00	0.0000e+00	7.2904e+00	-5.5139e+01	2.1617e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	1.2010e+01	7.7194e+00	2.3606e+01
	452	0.0000e+00	0.0000e+00	0.0000e+00	-9.6368e+00	2.6428e+01	2.2566e+01
	453	0.0000e+00	0.0000e+00	0.0000e+00	2.2247e+01	9.1047e+01	2.0627e+01
2117	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.5392e+01	-8.4419e+01	2.1319e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	7.1911e+00	-2.2328e+01	2.3574e+01
	450	0.0000e+00	0.0000e+00	0.0000e+00	-1.2747e+01	-4.3857e+00	2.4063e+01
	451	0.0000e+00	0.0000e+00	0.0000e+00	7.8433e+00	5.7369e+01	2.1826e+01
2118	447	0.0000e+00	0.0000e+00	0.0000e+00	-3.3134e+01	-1.1894e+02	1.7654e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-7.1755e+00	-5.2245e+01	2.0521e+01
	448	0.0000e+00	0.0000e+00	0.0000e+00	-1.8421e+01	-3.3367e+01	2.2811e+01
	449	0.0000e+00	0.0000e+00	0.0000e+00	-1.3839e+01	2.8938e+01	1.9941e+01
2119	445	0.0000e+00	0.0000e+00	0.0000e+00	-5.5717e+01	-1.6141e+02	9.5193e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	-1.0133e+01	-8.3355e+01	1.2474e+01
	446	0.0000e+00	0.0000e+00	0.0000e+00	-2.5268e+01	-6.3685e+01	1.7643e+01
	447	0.0000e+00	0.0000e+00	0.0000e+00	-3.2038e+01	4.6431e+00	1.4597e+01
2120	443	0.0000e+00	0.0000e+00	0.0000e+00	-8.3788e+01	-2.1695e+02	-8.5637e+00
	442	0.0000e+00	0.0000e+00	0.0000e+00	1.0927e+01	-1.1016e+02	-8.8875e+00
	444	0.0000e+00	0.0000e+00	0.0000e+00	-2.9630e+01	-9.7872e+01	4.1029e+00
	445	0.0000e+00	0.0000e+00	0.0000e+00	-5.5151e+01	-1.6633e+01	5.5943e+00
2121	7	0.0000e+00	0.0000e+00	0.0000e+00	-8.7826e+01	-3.0590e+02	-6.7752e+01
	441	0.0000e+00	0.0000e+00	0.0000e+00	4.9227e+01	-5.2533e+01	-9.5221e+01
	442	0.0000e+00	0.0000e+00	0.0000e+00	-1.4930e+01	-1.4528e+02	-3.3263e+01
	443	0.0000e+00	0.0000e+00	0.0000e+00	-8.4010e+01	-1.5452e+01	-8.2276e+00
2122	430	0.0000e+00	0.0000e+00	0.0000e+00	-1.9911e+01	6.0718e+02	4.8147e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	3.7859e+02	7.6152e+01	-1.2207e+02
	16	0.0000e+00	0.0000e+00	0.0000e+00	3.6036e+02	1.6465e+03	3.3474e+02

	431	0.0000e+00	0.0000e+00	0.0000e+00	-3.2631e+02	2.1200e+02	5.0389e+02
2123	429	0.0000e+00	0.0000e+00	0.0000e+00	1.0414e+02	1.4817e+02	-5.5676e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	1.6662e+02	1.4360e+02	-1.6983e+01
	440	0.0000e+00	0.0000e+00	0.0000e+00	2.3241e+02	3.0114e+02	-3.0986e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	1.1818e+02	3.2422e+02	-6.9669e+01
2124	428	0.0000e+00	0.0000e+00	0.0000e+00	6.5989e+01	7.2782e+01	-4.3082e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	8.6794e+01	6.9735e+01	-1.1168e+01
	439	0.0000e+00	0.0000e+00	0.0000e+00	1.3387e+02	1.2732e+02	-2.2826e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	8.3742e+01	1.4731e+02	-5.4727e+01
2125	427	0.0000e+00	0.0000e+00	0.0000e+00	3.2381e+01	3.4473e+01	-3.4478e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	3.9327e+01	3.3789e+01	-1.0729e+01
	438	0.0000e+00	0.0000e+00	0.0000e+00	6.9272e+01	6.3267e+01	-1.5837e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	5.0309e+01	7.2651e+01	-3.9551e+01
2126	426	0.0000e+00	0.0000e+00	0.0000e+00	5.0562e+00	8.2884e+00	-3.1339e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	4.7771e+00	9.3100e+00	-1.1405e+01
	437	0.0000e+00	0.0000e+00	0.0000e+00	2.7272e+01	3.0113e+01	-1.2697e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	2.0696e+01	3.3970e+01	-3.2660e+01
2127	425	0.0000e+00	0.0000e+00	0.0000e+00	-2.5080e+01	-1.9822e+01	-3.3227e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-3.1845e+01	-1.5751e+01	-1.2660e+01
	436	0.0000e+00	0.0000e+00	0.0000e+00	-8.0191e+00	6.4395e+00	-1.1067e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	-8.0003e+00	7.6964e+00	-3.1739e+01
2128	424	0.0000e+00	0.0000e+00	0.0000e+00	-5.8181e+01	-6.2834e+01	-4.1244e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-7.7574e+01	-5.3129e+01	-1.5483e+01
	435	0.0000e+00	0.0000e+00	0.0000e+00	-4.4892e+01	-1.9828e+01	-1.0038e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	-3.7702e+01	-2.0641e+01	-3.5928e+01
2129	423	0.0000e+00	0.0000e+00	0.0000e+00	-9.8525e+01	-1.4669e+02	-5.8066e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.5031e+02	-1.2606e+02	-2.2221e+01
	434	0.0000e+00	0.0000e+00	0.0000e+00	-9.7386e+01	-6.0296e+01	-1.0438e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	-7.6030e+01	-6.3488e+01	-4.5941e+01
2130	422	0.0000e+00	0.0000e+00	0.0000e+00	-1.4876e+02	-3.4319e+02	-7.5569e+01
	432	0.0000e+00	0.0000e+00	0.0000e+00	-2.6258e+02	-3.1897e+02	-3.0528e+01
	433	0.0000e+00	0.0000e+00	0.0000e+00	-1.8764e+02	-1.4316e+02	-1.6305e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	-1.2329e+02	-1.4748e+02	-6.0985e+01
2131	421	0.0000e+00	0.0000e+00	0.0000e+00	3.2407e+02	-2.5965e+02	5.1426e+02
	15	0.0000e+00	0.0000e+00	0.0000e+00	-4.6631e+02	-1.7547e+03	3.5678e+02
	432	0.0000e+00	0.0000e+00	0.0000e+00	-4.2264e+02	-7.8452e+01	-1.1762e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	-4.9556e+01	-6.4282e+02	4.5774e+01
2132	419	0.0000e+00	0.0000e+00	0.0000e+00	-9.9016e+01	1.9294e+02	3.5688e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	-3.1689e+01	4.3163e+02	9.7637e+01
	431	0.0000e+00	0.0000e+00	0.0000e+00	4.4060e+01	8.8706e+01	2.1823e+02
	420	0.0000e+00	0.0000e+00	0.0000e+00	-4.7008e+01	8.8222e+01	1.5628e+02
2133	418	0.0000e+00	0.0000e+00	0.0000e+00	-4.5734e+01	1.6811e+02	-2.3570e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	4.6725e+01	1.8746e+02	-7.9779e+01
	430	0.0000e+00	0.0000e+00	0.0000e+00	-6.3880e+01	2.5708e+02	-2.9609e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	-4.9571e+01	1.7699e+02	2.6688e+01
2134	417	0.0000e+00	0.0000e+00	0.0000e+00	4.7460e+00	9.0395e+01	-4.4367e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	4.0079e+01	8.8846e+01	-5.5203e+01
	429	0.0000e+00	0.0000e+00	0.0000e+00	3.8203e+01	1.2935e+02	-5.9225e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	-1.8005e+01	1.3577e+02	-4.8394e+01
2135	416	0.0000e+00	0.0000e+00	0.0000e+00	8.6289e+00	4.2247e+01	-4.7178e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	2.2298e+01	4.1874e+01	-4.3311e+01
	428	0.0000e+00	0.0000e+00	0.0000e+00	3.3917e+01	6.6158e+01	-4.9080e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	5.4995e+00	7.7226e+01	-5.2946e+01
2136	415	0.0000e+00	0.0000e+00	0.0000e+00	4.3061e+00	9.1331e+00	-4.7708e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	4.1011e+00	1.2282e+01	-3.9899e+01
	427	0.0000e+00	0.0000e+00	0.0000e+00	1.6370e+01	3.0218e+01	-4.1469e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	5.0734e+00	3.6641e+01	-4.9280e+01
2137	414	0.0000e+00	0.0000e+00	0.0000e+00	-6.7335e+00	-2.4562e+01	-5.1514e+01
	425	0.0000e+00	0.0000e+00	0.0000e+00	-1.9934e+01	-1.6271e+01	-4.3241e+01
	426	0.0000e+00	0.0000e+00	0.0000e+00	-5.8990e+00	3.8560e+00	-3.9883e+01
	415	0.0000e+00	0.0000e+00	0.0000e+00	-4.8941e+00	5.4214e+00	-4.8162e+01
2138	413	0.0000e+00	0.0000e+00	0.0000e+00	-9.4133e+00	-6.9791e+01	-5.8115e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	-4.0379e+01	-5.6200e+01	-5.2932e+01

	425	0.0000e+00	0.0000e+00	0.0000e+00	-2.6570e+01	-2.8742e+01	-4.5092e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	-1.0885e+01	-3.0689e+01	-5.0275e+01
2139	412	0.0000e+00	0.0000e+00	0.0000e+00	1.7203e+01	-1.3753e+02	-5.6696e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	-4.9946e+01	-1.2770e+02	-6.5841e+01
	424	0.0000e+00	0.0000e+00	0.0000e+00	-4.7951e+01	-8.1079e+01	-5.9271e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	-9.9207e+00	-8.4292e+01	-5.0080e+01
2140	411	0.0000e+00	0.0000e+00	0.0000e+00	4.7892e+01	-1.9275e+02	1.8579e+01
	422	0.0000e+00	0.0000e+00	0.0000e+00	5.4955e+01	-2.7112e+02	-3.9058e+01
	423	0.0000e+00	0.0000e+00	0.0000e+00	-6.0515e+01	-1.9125e+02	-8.7832e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	4.3468e+01	-1.7288e+02	-3.1181e+01
2141	410	0.0000e+00	0.0000e+00	0.0000e+00	3.2868e+01	-1.1590e+02	1.5763e+02
	421	0.0000e+00	0.0000e+00	0.0000e+00	-5.3375e+01	-1.2163e+02	2.2140e+02
	422	0.0000e+00	0.0000e+00	0.0000e+00	2.7215e+01	-4.6669e+02	9.0749e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	9.9888e+01	-2.1283e+02	2.7170e+01
2142	408	0.0000e+00	0.0000e+00	0.0000e+00	-4.5706e+01	8.7909e+01	4.3912e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	-5.0976e+01	1.4629e+02	8.1416e+01
	420	0.0000e+00	0.0000e+00	0.0000e+00	7.7085e+00	5.8971e+01	1.2245e+02
	409	0.0000e+00	0.0000e+00	0.0000e+00	-2.7605e+01	3.5976e+01	8.4947e+01
2143	407	0.0000e+00	0.0000e+00	0.0000e+00	-5.0378e+01	1.1180e+02	-4.5248e+00
	418	0.0000e+00	0.0000e+00	0.0000e+00	-2.7721e+01	1.3805e+02	-1.5968e+01
	419	0.0000e+00	0.0000e+00	0.0000e+00	-5.1824e+01	1.6295e+02	2.9249e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	-4.9213e+01	9.9716e+01	4.0696e+01
2144	406	0.0000e+00	0.0000e+00	0.0000e+00	-2.8637e+01	8.1565e+01	-3.1667e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	-6.3260e+00	8.8649e+01	-4.9161e+01
	418	0.0000e+00	0.0000e+00	0.0000e+00	-3.1018e+01	1.2569e+02	-3.1616e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	-3.8396e+01	9.7981e+01	-1.4142e+01
2145	405	0.0000e+00	0.0000e+00	0.0000e+00	-1.0238e+01	4.3339e+01	-4.2145e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	3.4424e+00	4.5979e+01	-5.1621e+01
	417	0.0000e+00	0.0000e+00	0.0000e+00	-8.0662e+00	7.1121e+01	-4.8506e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	-2.0631e+01	6.7569e+01	-3.9030e+01
2146	404	0.0000e+00	0.0000e+00	0.0000e+00	3.0887e+00	9.5971e+00	-4.6213e+01
	415	0.0000e+00	0.0000e+00	0.0000e+00	3.6564e+00	1.2861e+01	-5.1123e+01
	416	0.0000e+00	0.0000e+00	0.0000e+00	3.2053e+00	3.2176e+01	-5.0266e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	-7.7449e+00	3.3735e+01	-4.5355e+01
2147	403	0.0000e+00	0.0000e+00	0.0000e+00	1.1551e+01	-2.4644e+01	-4.8236e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	4.5781e+00	-2.0612e+01	-5.3065e+01
	415	0.0000e+00	0.0000e+00	0.0000e+00	3.6465e+00	-2.7120e+00	-5.1430e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	3.7497e+00	2.6520e+00	-4.6595e+01
2148	402	0.0000e+00	0.0000e+00	0.0000e+00	2.4715e+01	-6.2815e+01	-4.5039e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	9.7221e+00	-6.3838e+01	-5.4422e+01
	414	0.0000e+00	0.0000e+00	0.0000e+00	4.9575e+00	-3.5421e+01	-5.5093e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.4026e+01	-3.5019e+01	-4.5688e+01
2149	401	0.0000e+00	0.0000e+00	0.0000e+00	4.2959e+01	-1.0086e+02	-2.2459e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	3.1727e+01	-1.2704e+02	-4.0171e+01
	413	0.0000e+00	0.0000e+00	0.0000e+00	8.2931e+00	-8.3699e+01	-5.5872e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	3.2696e+01	-7.8583e+01	-3.7984e+01
2150	400	0.0000e+00	0.0000e+00	0.0000e+00	5.5278e+01	-1.1240e+02	3.3743e+01
	411	0.0000e+00	0.0000e+00	0.0000e+00	5.2327e+01	-1.7760e+02	2.1281e+01
	412	0.0000e+00	0.0000e+00	0.0000e+00	2.7610e+01	-1.4280e+02	-2.4978e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	5.5352e+01	-1.1780e+02	-1.2573e+01
2151	399	0.0000e+00	0.0000e+00	0.0000e+00	2.9921e+01	-5.8011e+01	8.0404e+01
	410	0.0000e+00	0.0000e+00	0.0000e+00	-1.1084e+01	-8.1565e+01	1.1818e+02
	411	0.0000e+00	0.0000e+00	0.0000e+00	5.0700e+01	-1.6536e+02	7.4888e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	5.1773e+01	-1.0275e+02	3.7185e+01
2152	397	0.0000e+00	0.0000e+00	0.0000e+00	-3.3431e+01	4.7998e+01	2.8274e+01
	408	0.0000e+00	0.0000e+00	0.0000e+00	-4.0000e+01	7.5121e+01	5.1766e+01
	409	0.0000e+00	0.0000e+00	0.0000e+00	-7.0098e+00	2.3889e+01	6.6993e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.9085e+01	2.0765e+01	4.3505e+01
2153	396	0.0000e+00	0.0000e+00	0.0000e+00	-4.3356e+01	7.1356e+01	2.2164e+00
	407	0.0000e+00	0.0000e+00	0.0000e+00	-3.9945e+01	9.4468e+01	4.3073e+00
	408	0.0000e+00	0.0000e+00	0.0000e+00	-4.0050e+01	8.7054e+01	2.9328e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-3.9057e+01	6.0410e+01	2.7256e+01
2154	395	0.0000e+00	0.0000e+00	0.0000e+00	-3.3322e+01	6.2355e+01	-1.7828e+01

	406	0.0000e+00	0.0000e+00	0.0000e+00	-2.5391e+01	7.3651e+01	-2.8387e+01
	407	0.0000e+00	0.0000e+00	0.0000e+00	-4.0781e+01	8.9962e+01	-1.1758e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	-3.9196e+01	6.8247e+01	-1.3641e+00
2155	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.5948e+01	3.7684e+01	-2.8581e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	-1.0734e+01	4.2413e+01	-4.1213e+01
	406	0.0000e+00	0.0000e+00	0.0000e+00	-2.5023e+01	6.2631e+01	-3.3988e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-2.7011e+01	5.3014e+01	-2.1357e+01
2156	393	0.0000e+00	0.0000e+00	0.0000e+00	2.2388e+00	8.7126e+00	-3.3225e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	3.0299e+00	1.1195e+01	-4.4990e+01
	405	0.0000e+00	0.0000e+00	0.0000e+00	-9.4930e+00	3.0248e+01	-4.2452e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.0867e+01	2.7604e+01	-3.0681e+01
2157	392	0.0000e+00	0.0000e+00	0.0000e+00	1.8970e+01	-2.1548e+01	-3.3491e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.5037e+01	-2.1818e+01	-4.5394e+01
	404	0.0000e+00	0.0000e+00	0.0000e+00	4.1771e+00	-2.6812e+00	-4.5446e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	6.3311e+00	-2.2379e+00	-3.3528e+01
2158	391	0.0000e+00	0.0000e+00	0.0000e+00	3.5732e+01	-5.0643e+01	-2.6965e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	3.1043e+01	-5.8251e+01	-4.0042e+01
	403	0.0000e+00	0.0000e+00	0.0000e+00	1.6135e+01	-3.4944e+01	-4.5047e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	2.4146e+01	-3.2460e+01	-3.1920e+01
2159	390	0.0000e+00	0.0000e+00	0.0000e+00	4.8810e+01	-7.1952e+01	-9.1494e+00
	401	0.0000e+00	0.0000e+00	0.0000e+00	4.7660e+01	-9.2742e+01	-2.0085e+01
	402	0.0000e+00	0.0000e+00	0.0000e+00	3.1042e+01	-7.1256e+01	-3.5167e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	4.2275e+01	-6.1660e+01	-2.3751e+01
2160	389	0.0000e+00	0.0000e+00	0.0000e+00	4.9719e+01	-7.1603e+01	2.0733e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	4.7344e+01	-9.8968e+01	2.1960e+01
	401	0.0000e+00	0.0000e+00	0.0000e+00	4.6177e+01	-1.0004e+02	-5.5153e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	5.3344e+01	-7.7428e+01	-6.1796e+00
2161	388	0.0000e+00	0.0000e+00	0.0000e+00	2.8506e+01	-3.9201e+01	3.8393e+01
	399	0.0000e+00	0.0000e+00	0.0000e+00	1.6015e+01	-4.4048e+01	6.1529e+01
	400	0.0000e+00	0.0000e+00	0.0000e+00	4.6683e+01	-8.9596e+01	4.4930e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	4.4121e+01	-6.1228e+01	2.1908e+01
2162	386	0.0000e+00	0.0000e+00	0.0000e+00	-2.7772e+01	3.3186e+01	1.4524e+01
	397	0.0000e+00	0.0000e+00	0.0000e+00	-3.2061e+01	4.3819e+01	2.9742e+01
	398	0.0000e+00	0.0000e+00	0.0000e+00	-1.2157e+01	1.6089e+01	3.5286e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.6986e+01	1.5705e+01	2.0073e+01
2163	385	0.0000e+00	0.0000e+00	0.0000e+00	-3.5808e+01	5.0881e+01	3.6119e+00
	396	0.0000e+00	0.0000e+00	0.0000e+00	-3.7380e+01	6.3084e+01	7.8278e+00
	397	0.0000e+00	0.0000e+00	0.0000e+00	-3.2673e+01	5.3525e+01	1.9609e+01
	386	0.0000e+00	0.0000e+00	0.0000e+00	-3.2001e+01	4.2344e+01	1.5388e+01
2164	384	0.0000e+00	0.0000e+00	0.0000e+00	-3.0039e+01	4.8269e+01	-6.3284e+00
	395	0.0000e+00	0.0000e+00	0.0000e+00	-2.9001e+01	5.6352e+01	-1.2680e+01
	396	0.0000e+00	0.0000e+00	0.0000e+00	-3.7193e+01	6.2999e+01	-2.5949e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-3.4666e+01	5.0959e+01	3.8759e+00
2165	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.5337e+01	3.1169e+01	-1.2686e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.4006e+01	3.5319e+01	-2.4544e+01
	395	0.0000e+00	0.0000e+00	0.0000e+00	-2.7370e+01	4.9616e+01	-1.8633e+01
	384	0.0000e+00	0.0000e+00	0.0000e+00	-2.5874e+01	4.2028e+01	-6.7806e+00
2166	382	0.0000e+00	0.0000e+00	0.0000e+00	3.3091e+00	7.1062e+00	-1.5759e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	3.2996e+00	8.7263e+00	-2.9465e+01
	394	0.0000e+00	0.0000e+00	0.0000e+00	-1.1311e+01	2.5468e+01	-2.6979e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.0350e+01	2.2085e+01	-1.3260e+01
2167	381	0.0000e+00	0.0000e+00	0.0000e+00	2.1655e+01	-1.8749e+01	-1.5765e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	2.0886e+01	-2.0095e+01	-2.9641e+01
	393	0.0000e+00	0.0000e+00	0.0000e+00	6.2680e+00	-2.6865e+00	-2.9940e+01
	382	0.0000e+00	0.0000e+00	0.0000e+00	8.2423e+00	-3.0072e+00	-1.6022e+01
2168	380	0.0000e+00	0.0000e+00	0.0000e+00	3.7826e+01	-4.1769e+01	-1.1854e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	3.7622e+01	-4.7728e+01	-2.4116e+01
	392	0.0000e+00	0.0000e+00	0.0000e+00	2.3491e+01	-3.0766e+01	-2.8091e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	2.6767e+01	-2.8591e+01	-1.5682e+01
2169	379	0.0000e+00	0.0000e+00	0.0000e+00	4.7426e+01	-5.5629e+01	-4.5143e+00
	390	0.0000e+00	0.0000e+00	0.0000e+00	4.8363e+01	-6.6844e+01	-1.0340e+01
	391	0.0000e+00	0.0000e+00	0.0000e+00	3.9028e+01	-5.6030e+01	-1.8841e+01
	380	0.0000e+00	0.0000e+00	0.0000e+00	4.2198e+01	-4.9437e+01	-1.1785e+01

2170	378	0.0000e+00	0.0000e+00	0.0000e+00	4.5405e+01	-5.2972e+01	9.5433e+00
	389	0.0000e+00	0.0000e+00	0.0000e+00	4.4385e+01	-6.4357e+01	1.2932e+01
	390	0.0000e+00	0.0000e+00	0.0000e+00	4.8138e+01	-6.8982e+01	4.0063e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	4.8787e+01	-5.7416e+01	-4.6771e+00
2171	377	0.0000e+00	0.0000e+00	0.0000e+00	2.9721e+01	-3.2207e+01	1.4409e+01
	388	0.0000e+00	0.0000e+00	0.0000e+00	2.4323e+01	-3.3588e+01	2.9364e+01
	389	0.0000e+00	0.0000e+00	0.0000e+00	4.3241e+01	-5.6651e+01	2.3214e+01
	378	0.0000e+00	0.0000e+00	0.0000e+00	4.1166e+01	-4.5544e+01	8.5818e+00
2172	375	0.0000e+00	0.0000e+00	0.0000e+00	-2.5485e+01	3.0429e+01	2.9979e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	-2.7578e+01	3.2304e+01	1.4436e+01
	387	0.0000e+00	0.0000e+00	0.0000e+00	-1.4703e+01	1.4184e+01	1.4881e+01
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.5344e+01	1.5198e+01	3.4834e+00
2173	374	0.0000e+00	0.0000e+00	0.0000e+00	-3.1129e+01	4.4835e+01	3.6354e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-3.3371e+01	4.8025e+01	7.3904e+00
	386	0.0000e+00	0.0000e+00	0.0000e+00	-2.8953e+01	3.9604e+01	9.9198e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-2.7936e+01	3.7766e+01	6.1512e+00
2174	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.5980e+01	4.2606e+01	3.7573e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-2.7531e+01	4.5510e+01	-1.3452e+00
	385	0.0000e+00	0.0000e+00	0.0000e+00	-3.2732e+01	4.8552e+01	1.8932e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-3.0781e+01	4.5355e+01	6.8211e+00
2175	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.3081e+01	2.7592e+01	3.1202e+00
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.3686e+01	2.9516e+01	-7.7268e+00
	384	0.0000e+00	0.0000e+00	0.0000e+00	-2.5079e+01	4.0388e+01	-5.2688e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.3264e+01	3.7418e+01	5.5815e+00
2176	371	0.0000e+00	0.0000e+00	0.0000e+00	5.2503e+00	5.6875e+00	2.4335e+00
	382	0.0000e+00	0.0000e+00	0.0000e+00	4.5010e+00	6.5293e+00	-1.1228e+01
	383	0.0000e+00	0.0000e+00	0.0000e+00	-1.0198e+01	2.1162e+01	-9.7528e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-9.2100e+00	1.9146e+01	3.7091e+00
2177	370	0.0000e+00	0.0000e+00	0.0000e+00	2.1993e+01	-1.8160e+01	2.5438e+00
	381	0.0000e+00	0.0000e+00	0.0000e+00	2.2437e+01	-1.8482e+01	-1.2091e+01
	382	0.0000e+00	0.0000e+00	0.0000e+00	8.2034e+00	-3.0727e+00	-1.1683e+01
	371	0.0000e+00	0.0000e+00	0.0000e+00	9.1747e+00	-3.9949e+00	2.2947e+00
2178	369	0.0000e+00	0.0000e+00	0.0000e+00	3.6821e+01	-3.9109e+01	3.3090e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	3.8015e+01	-4.0663e+01	-1.0251e+01
	381	0.0000e+00	0.0000e+00	0.0000e+00	2.5925e+01	-2.7531e+01	-1.0932e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	2.6051e+01	-2.7266e+01	2.1848e+00
2179	368	0.0000e+00	0.0000e+00	0.0000e+00	4.5001e+01	-5.1261e+01	3.8574e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	4.6425e+01	-5.3534e+01	-5.8395e+00
	380	0.0000e+00	0.0000e+00	0.0000e+00	4.0338e+01	-4.7061e+01	-7.1284e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	3.9664e+01	-4.5505e+01	3.1504e+00
2180	367	0.0000e+00	0.0000e+00	0.0000e+00	4.2476e+01	-4.8678e+01	3.6971e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	4.3028e+01	-5.0236e+01	4.7505e+00
	379	0.0000e+00	0.0000e+00	0.0000e+00	4.6764e+01	-5.4616e+01	3.8352e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	4.5429e+01	-5.2259e+01	-4.3628e+00
2181	366	0.0000e+00	0.0000e+00	0.0000e+00	2.9371e+01	-3.1013e+01	-4.3857e+00
	377	0.0000e+00	0.0000e+00	0.0000e+00	2.8563e+01	-3.0338e+01	8.6392e+00
	378	0.0000e+00	0.0000e+00	0.0000e+00	4.1154e+01	-4.4484e+01	8.3504e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	3.9937e+01	-4.2767e+01	-5.1466e+00
2182	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.4558e+01	3.7307e+01	-8.0248e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-2.5526e+01	3.1565e+01	3.0207e+00
	376	0.0000e+00	0.0000e+00	0.0000e+00	-1.5699e+01	1.5828e+01	-1.2000e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.2532e+01	1.7917e+01	-1.1973e+01
2183	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.7827e+01	5.0627e+01	4.2222e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-3.1110e+01	4.5823e+01	6.9727e+00
	375	0.0000e+00	0.0000e+00	0.0000e+00	-2.7624e+01	3.8391e+01	1.6439e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.5677e+01	4.4203e+01	-1.2984e+00
2184	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.1728e+01	4.4935e+01	1.3585e+01
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.5498e+01	4.2804e+01	8.3432e+00
	374	0.0000e+00	0.0000e+00	0.0000e+00	-2.9792e+01	4.5707e+01	5.1533e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.7840e+01	4.9933e+01	1.0387e+01
2185	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.0606e+01	2.7684e+01	1.7766e+01
	372	0.0000e+00	0.0000e+00	0.0000e+00	-1.2554e+01	2.7131e+01	7.7905e+00
	373	0.0000e+00	0.0000e+00	0.0000e+00	-2.2281e+01	3.7614e+01	6.9134e+00



	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.0211e+01	3.8828e+01	1.6887e+01
2186	360	0.0000e+00	0.0000e+00	0.0000e+00	6.9277e+00	5.0044e+00	1.8574e+01
	371	0.0000e+00	0.0000e+00	0.0000e+00	5.8746e+00	4.9600e+00	6.5998e+00
	372	0.0000e+00	0.0000e+00	0.0000e+00	-8.8699e+00	1.9301e+01	6.8960e+00
	361	0.0000e+00	0.0000e+00	0.0000e+00	-8.3322e+00	1.8718e+01	1.8906e+01
2187	359	0.0000e+00	0.0000e+00	0.0000e+00	2.0370e+01	-1.9727e+01	1.7370e+01
	370	0.0000e+00	0.0000e+00	0.0000e+00	2.1883e+01	-1.8949e+01	5.3990e+00
	371	0.0000e+00	0.0000e+00	0.0000e+00	9.4711e+00	-3.9326e+00	6.2150e+00
	360	0.0000e+00	0.0000e+00	0.0000e+00	9.3129e+00	-5.3252e+00	1.8352e+01
2188	358	0.0000e+00	0.0000e+00	0.0000e+00	3.3548e+01	-4.2364e+01	1.3720e+01
	369	0.0000e+00	0.0000e+00	0.0000e+00	3.6231e+01	-3.9882e+01	4.1309e+00
	370	0.0000e+00	0.0000e+00	0.0000e+00	2.5798e+01	-2.7408e+01	5.5738e+00
	359	0.0000e+00	0.0000e+00	0.0000e+00	2.2996e+01	-2.9307e+01	1.5778e+01
2189	357	0.0000e+00	0.0000e+00	0.0000e+00	4.1929e+01	-5.7409e+01	6.2288e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	4.4408e+01	-5.2075e+01	3.6838e+00
	369	0.0000e+00	0.0000e+00	0.0000e+00	3.9430e+01	-4.6203e+01	4.8057e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	3.5146e+01	-4.9581e+01	1.0004e+01
2190	356	0.0000e+00	0.0000e+00	0.0000e+00	3.9996e+01	-5.6204e+01	-8.7008e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	4.2514e+01	-4.9598e+01	-6.5328e+00
	368	0.0000e+00	0.0000e+00	0.0000e+00	4.5530e+01	-5.3580e+01	3.6135e+00
	357	0.0000e+00	0.0000e+00	0.0000e+00	4.1924e+01	-5.9448e+01	-3.8278e+00
2191	355	0.0000e+00	0.0000e+00	0.0000e+00	2.6733e+01	-3.4187e+01	-1.9994e+01
	366	0.0000e+00	0.0000e+00	0.0000e+00	2.9900e+01	-3.1729e+01	-8.9607e+00
	367	0.0000e+00	0.0000e+00	0.0000e+00	3.9940e+01	-4.4022e+01	-5.2461e+00
	356	0.0000e+00	0.0000e+00	0.0000e+00	3.8802e+01	-5.0472e+01	-1.5691e+01
2192	353	0.0000e+00	0.0000e+00	0.0000e+00	-2.2899e+01	5.5142e+01	-1.9901e+01
	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.4801e+01	4.1116e+01	-7.0015e+00
	365	0.0000e+00	0.0000e+00	0.0000e+00	-1.6079e+01	2.0942e+01	-1.7478e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-7.6559e+00	2.7719e+01	-3.0378e+01
2193	352	0.0000e+00	0.0000e+00	0.0000e+00	-2.1301e+01	6.5420e+01	7.5623e+00
	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.9558e+01	5.5477e+01	7.7434e+00
	364	0.0000e+00	0.0000e+00	0.0000e+00	-2.7465e+01	4.8158e+01	-6.0125e+00
	353	0.0000e+00	0.0000e+00	0.0000e+00	-2.2843e+01	6.5357e+01	-6.2372e+00
2194	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.4155e+01	5.1538e+01	2.3638e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-2.2209e+01	4.7401e+01	1.7169e+01
	363	0.0000e+00	0.0000e+00	0.0000e+00	-2.6903e+01	5.2968e+01	9.5152e+00
	352	0.0000e+00	0.0000e+00	0.0000e+00	-2.1901e+01	6.4040e+01	1.5975e+01
2195	350	0.0000e+00	0.0000e+00	0.0000e+00	-7.5833e+00	2.9120e+01	2.9511e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-1.0542e+01	2.7831e+01	2.1089e+01
	362	0.0000e+00	0.0000e+00	0.0000e+00	-1.8691e+01	4.0894e+01	1.8438e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.3996e+01	4.4879e+01	2.6860e+01
2196	349	0.0000e+00	0.0000e+00	0.0000e+00	7.8965e+00	3.9987e+00	3.0754e+01
	360	0.0000e+00	0.0000e+00	0.0000e+00	7.1931e+00	3.8942e+00	2.1681e+01
	361	0.0000e+00	0.0000e+00	0.0000e+00	-7.9411e+00	2.0036e+01	2.1423e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-7.1673e+00	2.0618e+01	3.0501e+01
2197	348	0.0000e+00	0.0000e+00	0.0000e+00	1.5449e+01	-2.3284e+01	2.9297e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	1.9334e+01	-2.1686e+01	2.0061e+01
	360	0.0000e+00	0.0000e+00	0.0000e+00	9.5718e+00	-4.8720e+00	2.1265e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	8.6861e+00	-5.8206e+00	3.0520e+01
2198	347	0.0000e+00	0.0000e+00	0.0000e+00	2.4808e+01	-5.0185e+01	2.4175e+01
	358	0.0000e+00	0.0000e+00	0.0000e+00	3.1742e+01	-4.5068e+01	1.5341e+01
	359	0.0000e+00	0.0000e+00	0.0000e+00	2.2553e+01	-3.0111e+01	1.8916e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	1.6367e+01	-3.2325e+01	2.7820e+01
2199	346	0.0000e+00	0.0000e+00	0.0000e+00	3.4147e+01	-7.3538e+01	1.1722e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	4.0844e+01	-6.1057e+01	5.3812e+00
	358	0.0000e+00	0.0000e+00	0.0000e+00	3.5408e+01	-5.2725e+01	1.3345e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	2.5132e+01	-5.7807e+01	2.0386e+01
2200	345	0.0000e+00	0.0000e+00	0.0000e+00	3.5854e+01	-7.9540e+01	-1.3366e+01
	356	0.0000e+00	0.0000e+00	0.0000e+00	4.1956e+01	-6.0714e+01	-1.3679e+01
	357	0.0000e+00	0.0000e+00	0.0000e+00	4.3482e+01	-6.5002e+01	3.5990e+00
	346	0.0000e+00	0.0000e+00	0.0000e+00	3.3667e+01	-7.6015e+01	3.5297e+00
2201	344	0.0000e+00	0.0000e+00	0.0000e+00	2.1429e+01	-4.5219e+01	-3.9301e+01
	355	0.0000e+00	0.0000e+00	0.0000e+00	2.9520e+01	-3.7676e+01	-2.6165e+01

	356	0.0000e+00	0.0000e+00	0.0000e+00	3.8813e+01	-5.4693e+01	-1.4857e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	3.6148e+01	-7.0121e+01	-2.7867e+01
2202	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.2200e+01	1.1691e+02	-2.7963e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-2.8685e+01	6.6684e+01	-1.2083e+01
	354	0.0000e+00	0.0000e+00	0.0000e+00	-1.4599e+01	3.3604e+01	-3.6930e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	1.3973e+01	3.2698e+01	-5.2817e+01
2203	339	0.0000e+00	0.0000e+00	0.0000e+00	9.5417e+00	9.8788e+01	1.8631e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-2.5723e+01	7.5468e+01	1.2393e+01
	353	0.0000e+00	0.0000e+00	0.0000e+00	-2.2585e+01	7.1857e+01	-7.6474e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.4251e+01	8.8048e+01	-1.5281e+00
2204	337	0.0000e+00	0.0000e+00	0.0000e+00	9.6068e+00	6.8398e+01	3.0444e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.4307e+01	5.4836e+01	2.5931e+01
	352	0.0000e+00	0.0000e+00	0.0000e+00	-1.7259e+01	6.9160e+01	1.9253e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	-7.9317e+00	6.8839e+01	2.3763e+01
2205	335	0.0000e+00	0.0000e+00	0.0000e+00	8.5611e+00	3.8879e+01	3.4395e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-7.6862e+00	2.9072e+01	3.1412e+01
	351	0.0000e+00	0.0000e+00	0.0000e+00	-1.0183e+01	4.8316e+01	2.9506e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	7.5595e+00	4.2271e+01	3.2489e+01
2206	333	0.0000e+00	0.0000e+00	0.0000e+00	8.0884e+00	1.0475e+01	3.5379e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	7.5216e+00	2.5726e+00	3.2742e+01
	350	0.0000e+00	0.0000e+00	0.0000e+00	-6.6353e+00	2.2743e+01	3.2524e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	7.2035e+00	1.4789e+01	3.5159e+01
2207	331	0.0000e+00	0.0000e+00	0.0000e+00	8.9163e+00	-1.8423e+01	3.4388e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	1.2552e+01	-2.6080e+01	3.1595e+01
	349	0.0000e+00	0.0000e+00	0.0000e+00	9.1360e+00	-4.9285e+00	3.2293e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-7.6687e+00	-1.3761e+01	3.5085e+01
2208	329	0.0000e+00	0.0000e+00	0.0000e+00	-1.1266e+01	-4.8233e+01	3.0619e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	1.9672e+01	-5.4306e+01	2.7148e+01
	348	0.0000e+00	0.0000e+00	0.0000e+00	1.5466e+01	-3.3003e+01	2.9569e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-9.3824e+00	-4.3896e+01	3.3047e+01
2209	327	0.0000e+00	0.0000e+00	0.0000e+00	1.6003e+01	-7.9030e+01	2.0559e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	2.8655e+01	-7.9360e+01	1.5230e+01
	347	0.0000e+00	0.0000e+00	0.0000e+00	2.4637e+01	-6.1974e+01	2.2607e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-1.2269e+01	-7.7102e+01	2.8020e+01
2210	325	0.0000e+00	0.0000e+00	0.0000e+00	2.6879e+01	-1.0392e+02	-7.2497e+00
	345	0.0000e+00	0.0000e+00	0.0000e+00	3.5716e+01	-8.6738e+01	-1.4855e+01
	346	0.0000e+00	0.0000e+00	0.0000e+00	3.7853e+01	-8.7336e+01	7.4402e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	-1.6404e+01	-1.1288e+02	1.4693e+01
2211	324	0.0000e+00	0.0000e+00	0.0000e+00	-2.3212e+01	-5.2493e+01	-6.2673e+01
	344	0.0000e+00	0.0000e+00	0.0000e+00	2.6236e+01	-5.2090e+01	-4.6973e+01
	345	0.0000e+00	0.0000e+00	0.0000e+00	4.1787e+01	-8.2576e+01	-1.9639e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	2.6533e+01	-1.3685e+02	-3.5249e+01
2212	342	0.0000e+00	0.0000e+00	0.0000e+00	8.3948e+01	1.4967e+01	-8.2786e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	1.5169e+01	1.4539e+02	-3.3280e+01
	343	0.0000e+00	0.0000e+00	0.0000e+00	-4.9792e+01	5.2769e+01	-9.5204e+01
	5	0.0000e+00	0.0000e+00	0.0000e+00	8.8058e+01	3.0653e+02	-6.7769e+01
2213	340	0.0000e+00	0.0000e+00	0.0000e+00	5.5062e+01	1.6141e+01	5.6590e+00
	339	0.0000e+00	0.0000e+00	0.0000e+00	2.9514e+01	9.7809e+01	4.1218e+00
	341	0.0000e+00	0.0000e+00	0.0000e+00	-1.1449e+01	1.1018e+02	-8.8893e+00
	342	0.0000e+00	0.0000e+00	0.0000e+00	8.3729e+01	2.1731e+02	-8.5855e+00
2214	338	0.0000e+00	0.0000e+00	0.0000e+00	3.1955e+01	-4.7269e+00	1.4601e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	2.5121e+01	6.3511e+01	1.7626e+01
	339	0.0000e+00	0.0000e+00	0.0000e+00	1.0267e+01	8.3238e+01	1.2485e+01
	340	0.0000e+00	0.0000e+00	0.0000e+00	5.5641e+01	1.6151e+02	9.5610e+00
2215	336	0.0000e+00	0.0000e+00	0.0000e+00	1.3810e+01	-2.9310e+01	1.9897e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	1.8296e+01	3.3105e+01	2.2754e+01
	337	0.0000e+00	0.0000e+00	0.0000e+00	7.4260e+00	5.2027e+01	2.0500e+01
	338	0.0000e+00	0.0000e+00	0.0000e+00	3.3059e+01	1.1883e+02	1.7649e+01
2216	334	0.0000e+00	0.0000e+00	0.0000e+00	-8.0331e+00	-5.7717e+01	2.1739e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	1.2712e+01	3.9272e+00	2.3961e+01
	335	0.0000e+00	0.0000e+00	0.0000e+00	-7.6456e+00	2.2028e+01	2.3509e+01
	336	0.0000e+00	0.0000e+00	0.0000e+00	1.5357e+01	8.4158e+01	2.1269e+01
2217	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.2350e+01	-9.1303e+01	2.0508e+01

	331	0.0000e+00	0.0000e+00	0.0000e+00	9.8011e+00	-2.6665e+01	2.2424e+01
	333	0.0000e+00	0.0000e+00	0.0000e+00	-1.2429e+01	-7.8709e+00	2.3496e+01
	334	0.0000e+00	0.0000e+00	0.0000e+00	-7.4602e+00	5.4753e+01	2.1527e+01
2218	330	0.0000e+00	0.0000e+00	0.0000e+00	-4.0854e+01	-1.3211e+02	1.6203e+01
	329	0.0000e+00	0.0000e+00	0.0000e+00	-1.1255e+01	-5.9258e+01	1.7968e+01
	331	0.0000e+00	0.0000e+00	0.0000e+00	-1.9240e+01	-3.8643e+01	2.0727e+01
	332	0.0000e+00	0.0000e+00	0.0000e+00	-2.0653e+01	2.8555e+01	1.8773e+01
2219	328	0.0000e+00	0.0000e+00	0.0000e+00	-6.4110e+01	-1.8279e+02	9.3747e+00
	327	0.0000e+00	0.0000e+00	0.0000e+00	-1.6092e+01	-9.5023e+01	8.9764e+00
	329	0.0000e+00	0.0000e+00	0.0000e+00	-2.7107e+01	-7.2539e+01	1.4076e+01
	330	0.0000e+00	0.0000e+00	0.0000e+00	-3.9205e+01	4.6100e+00	1.3233e+01
2220	326	0.0000e+00	0.0000e+00	0.0000e+00	-9.3034e+01	-2.4828e+02	-1.5670e+01
	325	0.0000e+00	0.0000e+00	0.0000e+00	2.6827e+01	-1.2784e+02	-1.5746e+01
	327	0.0000e+00	0.0000e+00	0.0000e+00	-3.3113e+01	-1.1257e+02	-3.3737e+00
	328	0.0000e+00	0.0000e+00	0.0000e+00	-6.2612e+01	-1.9066e+01	-9.0693e+00
2221	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0433e+02	-3.4865e+02	-7.4228e+01
	324	0.0000e+00	0.0000e+00	0.0000e+00	6.0355e+01	-7.4225e+01	-1.0744e+02
	325	0.0000e+00	0.0000e+00	0.0000e+00	-3.1688e+01	-1.6725e+02	-4.2130e+01
	326	0.0000e+00	0.0000e+00	0.0000e+00	-9.1742e+01	-2.3943e+01	-1.8426e+01
2222	313	0.0000e+00	0.0000e+00	0.0000e+00	5.9706e+01	6.4405e+02	4.3707e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	4.1195e+02	9.4022e+01	-1.4146e+02
	14	0.0000e+00	0.0000e+00	0.0000e+00	4.1158e+02	1.7403e+03	3.4314e+02
	314	0.0000e+00	0.0000e+00	0.0000e+00	-3.2837e+02	2.4585e+02	5.1904e+02
2223	312	0.0000e+00	0.0000e+00	0.0000e+00	1.1542e+02	1.5304e+02	-6.2503e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	1.8251e+02	1.4652e+02	-2.3440e+01
	323	0.0000e+00	0.0000e+00	0.0000e+00	2.5693e+02	3.1834e+02	-4.0955e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	1.3364e+02	3.4563e+02	-7.9931e+01
2224	311	0.0000e+00	0.0000e+00	0.0000e+00	7.2434e+01	6.7405e+01	-4.7597e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	9.4891e+01	6.3301e+01	-1.3914e+01
	322	0.0000e+00	0.0000e+00	0.0000e+00	1.4651e+02	1.2742e+02	-2.7772e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	9.2539e+01	1.5040e+02	-6.1494e+01
2225	310	0.0000e+00	0.0000e+00	0.0000e+00	3.6621e+01	2.4496e+01	-3.6585e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	4.3992e+01	2.2807e+01	-1.1322e+01
	321	0.0000e+00	0.0000e+00	0.0000e+00	7.5750e+01	5.5424e+01	-1.8115e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	5.5445e+01	6.6581e+01	-4.3125e+01
2226	309	0.0000e+00	0.0000e+00	0.0000e+00	1.2821e+01	-4.4814e+00	-3.1370e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	1.2359e+01	-3.4809e+00	-1.1079e+01
	320	0.0000e+00	0.0000e+00	0.0000e+00	3.1672e+01	1.8522e+01	-1.3503e+01
	310	0.0000e+00	0.0000e+00	0.0000e+00	2.5115e+01	2.3659e+01	-3.3804e+01
2227	308	0.0000e+00	0.0000e+00	0.0000e+00	-2.5856e+01	-3.0285e+01	-3.1242e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-3.0531e+01	-2.7426e+01	-1.2006e+01
	319	0.0000e+00	0.0000e+00	0.0000e+00	-1.2179e+01	-6.4402e+00	-1.1157e+01
	309	0.0000e+00	0.0000e+00	0.0000e+00	-1.3074e+01	-5.1473e+00	-3.0808e+01
2228	307	0.0000e+00	0.0000e+00	0.0000e+00	-5.5386e+01	-6.9401e+01	-3.6950e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-7.1362e+01	-6.1565e+01	-1.5002e+01
	318	0.0000e+00	0.0000e+00	0.0000e+00	-4.2231e+01	-3.1145e+01	-1.0286e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	-3.6703e+01	-3.0979e+01	-3.2889e+01
2229	306	0.0000e+00	0.0000e+00	0.0000e+00	-9.2076e+01	-1.4517e+02	-5.0640e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.3668e+02	-1.2776e+02	-2.2406e+01
	317	0.0000e+00	0.0000e+00	0.0000e+00	-8.9287e+01	-6.7795e+01	-1.2623e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	-7.1222e+01	-6.9792e+01	-4.0365e+01
2230	305	0.0000e+00	0.0000e+00	0.0000e+00	-1.4594e+02	-3.2535e+02	-6.4063e+01
	315	0.0000e+00	0.0000e+00	0.0000e+00	-2.3595e+02	-3.0594e+02	-3.3593e+01
	316	0.0000e+00	0.0000e+00	0.0000e+00	-1.7074e+02	-1.4269e+02	-2.1400e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	-1.1480e+02	-1.4529e+02	-5.2186e+01
2231	206	0.0000e+00	0.0000e+00	0.0000e+00	3.2418e+02	-2.3677e+02	5.0561e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	-4.7552e+02	-1.6751e+03	3.5613e+02
	315	0.0000e+00	0.0000e+00	0.0000e+00	-3.8845e+02	-7.8543e+01	-1.1805e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	8.6543e+01	-6.1194e+02	5.2871e+01
2232	303	0.0000e+00	0.0000e+00	0.0000e+00	-1.0808e+02	2.0982e+02	2.9680e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-4.3696e+01	4.6321e+02	9.3574e+01
	314	0.0000e+00	0.0000e+00	0.0000e+00	4.6372e+01	1.1375e+02	2.2244e+02
	304	0.0000e+00	0.0000e+00	0.0000e+00	-4.1438e+01	1.1046e+02	1.5840e+02

2233	302	0.0000e+00	0.0000e+00	0.0000e+00	-5.3068e+01	1.7653e+02	-2.9828e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	5.4615e+01	1.9490e+02	-8.8877e+01
	313	0.0000e+00	0.0000e+00	0.0000e+00	-6.9288e+01	2.7492e+02	-3.7856e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	-5.8546e+01	1.9216e+02	2.2217e+01
2234	301	0.0000e+00	0.0000e+00	0.0000e+00	1.4658e+01	8.8635e+01	-4.9403e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	4.4780e+01	8.5241e+01	-6.0689e+01
	312	0.0000e+00	0.0000e+00	0.0000e+00	4.5125e+01	1.3152e+02	-6.6887e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	-2.6133e+01	1.4047e+02	-5.5658e+01
2235	300	0.0000e+00	0.0000e+00	0.0000e+00	1.3725e+01	3.5312e+01	-4.9653e+01
	310	0.0000e+00	0.0000e+00	0.0000e+00	2.6057e+01	3.2948e+01	-4.5642e+01
	311	0.0000e+00	0.0000e+00	0.0000e+00	3.8007e+01	6.0083e+01	-5.3747e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	1.3522e+01	7.3808e+01	-5.7754e+01
2236	299	0.0000e+00	0.0000e+00	0.0000e+00	1.2126e+01	-4.0306e+00	-4.7274e+01
	309	0.0000e+00	0.0000e+00	0.0000e+00	1.2416e+01	3.5552e+00	-3.9523e+01
	310	0.0000e+00	0.0000e+00	0.0000e+00	2.0560e+01	2.0351e+01	-4.3317e+01
	300	0.0000e+00	0.0000e+00	0.0000e+00	1.2060e+01	2.9059e+01	-5.1068e+01
2237	298	0.0000e+00	0.0000e+00	0.0000e+00	-1.5194e+01	-3.2237e+01	-4.7958e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	-2.2856e+01	-2.6350e+01	-4.0187e+01
	309	0.0000e+00	0.0000e+00	0.0000e+00	-1.3101e+01	-8.7098e+00	-3.9116e+01
	299	0.0000e+00	0.0000e+00	0.0000e+00	-1.3231e+01	-5.9757e+00	-4.6913e+01
2238	297	0.0000e+00	0.0000e+00	0.0000e+00	-1.9233e+01	-7.3240e+01	-5.1176e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	-4.0872e+01	-6.2716e+01	-4.6833e+01
	308	0.0000e+00	0.0000e+00	0.0000e+00	-2.8436e+01	-3.8006e+01	-4.1589e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	-1.8191e+01	-3.7914e+01	-4.5948e+01
2239	296	0.0000e+00	0.0000e+00	0.0000e+00	2.6750e+01	-1.3344e+02	-4.6635e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	-5.1322e+01	-1.2696e+02	-5.6156e+01
	307	0.0000e+00	0.0000e+00	0.0000e+00	-4.7511e+01	-8.5475e+01	-5.2429e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	-2.0911e+01	-8.6500e+01	-4.2745e+01
2240	295	0.0000e+00	0.0000e+00	0.0000e+00	5.2984e+01	-1.7943e+02	2.9154e+01
	305	0.0000e+00	0.0000e+00	0.0000e+00	6.8225e+01	-2.5675e+02	-2.7818e+01
	306	0.0000e+00	0.0000e+00	0.0000e+00	-5.9982e+01	-1.8566e+02	-7.6530e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	4.8361e+01	-1.6600e+02	-2.1874e+01
2241	195	0.0000e+00	0.0000e+00	0.0000e+00	3.6808e+01	-9.9466e+01	1.6133e+02
	206	0.0000e+00	0.0000e+00	0.0000e+00	-6.1123e+01	-1.0444e+02	2.2316e+02
	305	0.0000e+00	0.0000e+00	0.0000e+00	5.2594e+01	-4.4249e+02	9.7976e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	9.8103e+01	-1.9665e+02	3.6393e+01
2242	293	0.0000e+00	0.0000e+00	0.0000e+00	-5.6296e+01	1.0142e+02	3.9520e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	-5.9132e+01	1.6322e+02	7.7515e+01
	304	0.0000e+00	0.0000e+00	0.0000e+00	1.4309e+01	7.7551e+01	1.1938e+02
	294	0.0000e+00	0.0000e+00	0.0000e+00	-3.4622e+01	5.5811e+01	8.1385e+01
2243	292	0.0000e+00	0.0000e+00	0.0000e+00	-6.0528e+01	1.1954e+02	-9.9045e+00
	302	0.0000e+00	0.0000e+00	0.0000e+00	-3.5892e+01	1.4531e+02	-2.2516e+01
	303	0.0000e+00	0.0000e+00	0.0000e+00	-5.9701e+01	1.7741e+02	2.4125e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	-6.0503e+01	1.1219e+02	3.6598e+01
2244	291	0.0000e+00	0.0000e+00	0.0000e+00	-3.7698e+01	8.2161e+01	-3.5863e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	-1.5888e+01	8.7608e+01	-5.4703e+01
	302	0.0000e+00	0.0000e+00	0.0000e+00	-3.9320e+01	1.3016e+02	-3.8330e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	-4.8109e+01	1.0301e+02	-1.9647e+01
2245	290	0.0000e+00	0.0000e+00	0.0000e+00	-1.9238e+01	3.9393e+01	-4.4072e+01
	300	0.0000e+00	0.0000e+00	0.0000e+00	1.1809e+01	3.9939e+01	-5.4292e+01
	301	0.0000e+00	0.0000e+00	0.0000e+00	-1.7069e+01	6.7964e+01	-5.3273e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	-2.9547e+01	6.6386e+01	-4.3067e+01
2246	289	0.0000e+00	0.0000e+00	0.0000e+00	-1.1344e+01	5.1002e+00	-4.5354e+01
	299	0.0000e+00	0.0000e+00	0.0000e+00	1.1914e+01	6.1660e+00	-5.0598e+01
	300	0.0000e+00	0.0000e+00	0.0000e+00	-1.2113e+01	2.5218e+01	-5.2096e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	-1.6864e+01	2.8997e+01	-4.6849e+01
2247	288	0.0000e+00	0.0000e+00	0.0000e+00	1.2755e+01	-2.9208e+01	-4.4428e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	1.3679e+01	-2.7749e+01	-4.9256e+01
	299	0.0000e+00	0.0000e+00	0.0000e+00	1.2522e+01	-8.9794e+00	-5.0058e+01
	289	0.0000e+00	0.0000e+00	0.0000e+00	-1.1231e+01	-6.0135e+00	-4.5209e+01
2248	287	0.0000e+00	0.0000e+00	0.0000e+00	2.2476e+01	-6.3523e+01	-3.8514e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	1.7430e+01	-6.7035e+01	-4.7362e+01
	298	0.0000e+00	0.0000e+00	0.0000e+00	1.4638e+01	-4.1526e+01	-5.0373e+01

	288	0.0000e+00	0.0000e+00	0.0000e+00	1.4517e+01	-3.8844e+01	-4.1447e+01
2249	286	0.0000e+00	0.0000e+00	0.0000e+00	3.7992e+01	-9.5700e+01	-1.5042e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	3.4072e+01	-1.2317e+02	-3.0744e+01
	297	0.0000e+00	0.0000e+00	0.0000e+00	1.7965e+01	-8.4821e+01	-4.7896e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	2.9404e+01	-7.7714e+01	-3.1338e+01
2250	285	0.0000e+00	0.0000e+00	0.0000e+00	4.7765e+01	-1.0119e+02	4.2038e+01
	295	0.0000e+00	0.0000e+00	0.0000e+00	5.0938e+01	-1.6520e+02	3.1231e+01
	296	0.0000e+00	0.0000e+00	0.0000e+00	3.1884e+01	-1.3616e+02	-1.6224e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	4.8950e+01	-1.1042e+02	-6.5657e+00
2251	184	0.0000e+00	0.0000e+00	0.0000e+00	2.2285e+01	-4.4298e+01	8.6687e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	-2.1884e+01	-6.7482e+01	1.2403e+02
	295	0.0000e+00	0.0000e+00	0.0000e+00	5.0784e+01	-1.5101e+02	8.2411e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	4.3298e+01	-9.0285e+01	4.5030e+01
2252	283	0.0000e+00	0.0000e+00	0.0000e+00	-4.6890e+01	6.1300e+01	2.4137e+01
	293	0.0000e+00	0.0000e+00	0.0000e+00	-5.1238e+01	8.8919e+01	4.7238e+01
	294	0.0000e+00	0.0000e+00	0.0000e+00	-2.0683e+01	4.2565e+01	6.2860e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-3.1478e+01	3.8790e+01	3.9763e+01
2253	282	0.0000e+00	0.0000e+00	0.0000e+00	-5.6185e+01	7.8957e+01	-2.9657e+00
	292	0.0000e+00	0.0000e+00	0.0000e+00	-5.0757e+01	1.0170e+02	-3.2873e+00
	293	0.0000e+00	0.0000e+00	0.0000e+00	-5.1456e+01	9.9028e+01	2.4599e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-5.2721e+01	7.2145e+01	2.3278e+01
2254	281	0.0000e+00	0.0000e+00	0.0000e+00	-4.5053e+01	6.4506e+01	-2.0844e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	-3.5285e+01	7.4518e+01	-3.2631e+01
	292	0.0000e+00	0.0000e+00	0.0000e+00	-5.1838e+01	9.4990e+01	-1.7117e+01
	282	0.0000e+00	0.0000e+00	0.0000e+00	-5.1759e+01	7.3868e+01	-5.7152e+00
2255	280	0.0000e+00	0.0000e+00	0.0000e+00	-2.6903e+01	3.6131e+01	-2.9689e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	-2.0419e+01	3.9082e+01	-4.3244e+01
	291	0.0000e+00	0.0000e+00	0.0000e+00	-3.4992e+01	6.1827e+01	-3.7697e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-3.8473e+01	5.3647e+01	-2.4153e+01
2256	279	0.0000e+00	0.0000e+00	0.0000e+00	-1.0725e+01	6.0016e+00	-3.2119e+01
	289	0.0000e+00	0.0000e+00	0.0000e+00	-1.0838e+01	6.8738e+00	-4.4247e+01
	290	0.0000e+00	0.0000e+00	0.0000e+00	-1.9297e+01	2.6118e+01	-4.3659e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-2.1817e+01	2.5281e+01	-3.1507e+01
2257	278	0.0000e+00	0.0000e+00	0.0000e+00	1.2299e+01	-2.3476e+01	-3.0202e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	1.2800e+01	-2.5822e+01	-4.1794e+01
	289	0.0000e+00	0.0000e+00	0.0000e+00	-1.0390e+01	-7.2574e+00	-4.3794e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-8.2712e+00	-4.9929e+00	-3.2136e+01
2258	277	0.0000e+00	0.0000e+00	0.0000e+00	2.6526e+01	-4.9335e+01	-2.1992e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	2.5528e+01	-5.8621e+01	-3.3933e+01
	288	0.0000e+00	0.0000e+00	0.0000e+00	1.3824e+01	-3.7975e+01	-4.0568e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	1.6497e+01	-3.3596e+01	-2.8428e+01
2259	276	0.0000e+00	0.0000e+00	0.0000e+00	3.7503e+01	-6.6032e+01	-6.2659e+00
	286	0.0000e+00	0.0000e+00	0.0000e+00	3.9740e+01	-8.7619e+01	-1.3077e+01
	287	0.0000e+00	0.0000e+00	0.0000e+00	2.5834e+01	-6.9908e+01	-2.8515e+01
	277	0.0000e+00	0.0000e+00	0.0000e+00	3.2346e+01	-5.8916e+01	-1.8707e+01
2260	275	0.0000e+00	0.0000e+00	0.0000e+00	3.6307e+01	-6.1157e+01	2.7422e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	3.7621e+01	-8.8373e+01	3.0213e+01
	286	0.0000e+00	0.0000e+00	0.0000e+00	3.8610e+01	-9.2860e+01	7.7449e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	4.1176e+01	-6.9836e+01	5.3631e+00
2261	173	0.0000e+00	0.0000e+00	0.0000e+00	1.4001e+01	-2.6269e+01	4.4558e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	1.0808e+01	-3.1377e+01	6.8362e+01
	285	0.0000e+00	0.0000e+00	0.0000e+00	3.7174e+01	-7.7532e+01	5.2210e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	3.0115e+01	-4.9722e+01	2.8328e+01
2262	273	0.0000e+00	0.0000e+00	0.0000e+00	-4.2873e+01	4.6716e+01	1.0606e+01
	283	0.0000e+00	0.0000e+00	0.0000e+00	-4.5996e+01	5.7171e+01	2.5491e+01
	284	0.0000e+00	0.0000e+00	0.0000e+00	-2.7221e+01	3.3636e+01	3.0931e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-3.1660e+01	3.3097e+01	1.6051e+01
2263	272	0.0000e+00	0.0000e+00	0.0000e+00	-5.0256e+01	5.9162e+01	1.8843e+00
	282	0.0000e+00	0.0000e+00	0.0000e+00	-5.0755e+01	7.0658e+01	4.5609e+00
	283	0.0000e+00	0.0000e+00	0.0000e+00	-4.6849e+01	6.5142e+01	1.5337e+01
	273	0.0000e+00	0.0000e+00	0.0000e+00	-4.7181e+01	5.4299e+01	1.1880e+01
2264	271	0.0000e+00	0.0000e+00	0.0000e+00	-4.3466e+01	5.1798e+01	-8.2946e+00
	281	0.0000e+00	0.0000e+00	0.0000e+00	-4.1374e+01	5.8758e+01	-1.5653e+01

	282	0.0000e+00	0.0000e+00	0.0000e+00	-5.0668e+01	6.8809e+01	-6.7718e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-4.8970e+01	5.7539e+01	2.3476e+00
2265	270	0.0000e+00	0.0000e+00	0.0000e+00	-2.7917e+01	3.1453e+01	-1.3071e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-2.5677e+01	3.4217e+01	-2.5721e+01
	281	0.0000e+00	0.0000e+00	0.0000e+00	-3.9722e+01	5.0659e+01	-2.1109e+01
	271	0.0000e+00	0.0000e+00	0.0000e+00	-3.9110e+01	4.4227e+01	-8.4961e+00
2266	269	0.0000e+00	0.0000e+00	0.0000e+00	-1.0039e+01	6.2033e+00	-1.4673e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-9.7329e+00	6.4588e+00	-2.8571e+01
	280	0.0000e+00	0.0000e+00	0.0000e+00	-2.3000e+01	2.3670e+01	-2.7451e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-2.2849e+01	2.1665e+01	-1.3462e+01
2267	268	0.0000e+00	0.0000e+00	0.0000e+00	1.0883e+01	-1.8831e+01	-1.3530e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	1.2159e+01	-2.1551e+01	-2.6733e+01
	279	0.0000e+00	0.0000e+00	0.0000e+00	-7.7933e+00	-5.0354e+00	-2.8276e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-6.1191e+00	-3.9956e+00	-1.4833e+01
2268	267	0.0000e+00	0.0000e+00	0.0000e+00	2.5290e+01	-3.9118e+01	-9.2347e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	2.6748e+01	-4.6108e+01	-1.9643e+01
	278	0.0000e+00	0.0000e+00	0.0000e+00	1.4504e+01	-3.1402e+01	-2.4510e+01
	268	0.0000e+00	0.0000e+00	0.0000e+00	1.5373e+01	-2.7941e+01	-1.3391e+01
2269	266	0.0000e+00	0.0000e+00	0.0000e+00	3.3079e+01	-4.9184e+01	5.8042e+00
	276	0.0000e+00	0.0000e+00	0.0000e+00	3.5559e+01	-6.0879e+01	-6.4699e+00
	277	0.0000e+00	0.0000e+00	0.0000e+00	2.8105e+01	-5.3027e+01	-1.4155e+01
	267	0.0000e+00	0.0000e+00	0.0000e+00	2.9151e+01	-4.5537e+01	-8.9433e+00
2270	265	0.0000e+00	0.0000e+00	0.0000e+00	2.9148e+01	-4.2978e+01	1.4008e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	2.9773e+01	-5.4225e+01	1.9131e+01
	276	0.0000e+00	0.0000e+00	0.0000e+00	3.5249e+01	-6.1444e+01	8.7335e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	3.3849e+01	-4.9582e+01	4.6796e+00
2271	162	0.0000e+00	0.0000e+00	0.0000e+00	1.2304e+01	-2.0967e+01	1.9199e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	9.4470e+00	-2.1335e+01	3.5274e+01
	275	0.0000e+00	0.0000e+00	0.0000e+00	2.8452e+01	-4.5338e+01	2.9186e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	2.4409e+01	-3.4619e+01	1.2860e+01
2272	263	0.0000e+00	0.0000e+00	0.0000e+00	-4.0638e+01	4.4984e+01	-1.4515e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	-4.2830e+01	4.6040e+01	1.0485e+01
	274	0.0000e+00	0.0000e+00	0.0000e+00	-3.0426e+01	3.1641e+01	1.0228e+01
	264	0.0000e+00	0.0000e+00	0.0000e+00	-3.0351e+01	3.3180e+01	-1.8544e+00
2273	262	0.0000e+00	0.0000e+00	0.0000e+00	-4.5734e+01	5.4282e+01	2.1627e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-4.8098e+01	5.6540e+01	4.7422e+00
	273	0.0000e+00	0.0000e+00	0.0000e+00	-4.4427e+01	5.1804e+01	6.2177e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	-4.3222e+01	5.0794e+01	3.2937e+00
2274	261	0.0000e+00	0.0000e+00	0.0000e+00	-3.9719e+01	4.7435e+01	3.3542e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	-4.1300e+01	4.9362e+01	-3.4680e+00
	272	0.0000e+00	0.0000e+00	0.0000e+00	-4.7457e+01	5.5485e+01	-2.1681e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	-4.5375e+01	5.3181e+01	5.3903e+00
2275	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.6081e+01	2.9278e+01	3.9894e+00
	270	0.0000e+00	0.0000e+00	0.0000e+00	-2.6647e+01	3.0181e+01	-8.2611e+00
	271	0.0000e+00	0.0000e+00	0.0000e+00	-3.8749e+01	4.3014e+01	-6.7412e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	-3.6930e+01	4.0979e+01	5.3236e+00
2276	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.0036e+01	6.3747e+00	4.8327e+00
	269	0.0000e+00	0.0000e+00	0.0000e+00	-9.4031e+00	6.0390e+00	-1.0484e+01
	270	0.0000e+00	0.0000e+00	0.0000e+00	-2.3066e+01	2.1193e+01	-9.6830e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.2123e+01	2.0176e+01	4.7271e+00
2277	258	0.0000e+00	0.0000e+00	0.0000e+00	1.0966e+01	-1.7235e+01	6.0139e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	1.0886e+01	-1.8218e+01	-1.0424e+01
	269	0.0000e+00	0.0000e+00	0.0000e+00	-6.3547e+00	-3.7368e+00	-1.0382e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-7.0216e+00	-4.2029e+00	4.8373e+00
2278	257	0.0000e+00	0.0000e+00	0.0000e+00	2.3939e+01	-3.5753e+01	6.8803e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	2.4849e+01	-3.7769e+01	-8.2062e+00
	268	0.0000e+00	0.0000e+00	0.0000e+00	1.4100e+01	-2.6579e+01	-8.9279e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	1.4451e+01	-2.5661e+01	5.4227e+00
2279	256	0.0000e+00	0.0000e+00	0.0000e+00	3.0469e+01	-4.4645e+01	6.2671e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	3.1565e+01	-4.7030e+01	4.8591e+00
	267	0.0000e+00	0.0000e+00	0.0000e+00	2.6985e+01	-4.3006e+01	-5.7289e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	2.6463e+01	-4.1035e+01	5.4153e+00
2280	255	0.0000e+00	0.0000e+00	0.0000e+00	2.6356e+01	-3.9504e+01	3.0588e+00

	265	0.0000e+00	0.0000e+00	0.0000e+00	2.6416e+01	-4.0494e+01	7.7546e+00
	266	0.0000e+00	0.0000e+00	0.0000e+00	3.1631e+01	-4.6830e+01	6.7666e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	3.0575e+01	-4.4468e+01	3.6585e+00
2281	151	0.0000e+00	0.0000e+00	0.0000e+00	1.3499e+01	-2.3229e+01	-5.0914e+00
	162	0.0000e+00	0.0000e+00	0.0000e+00	1.1214e+01	-2.0145e+01	1.3146e+01
	265	0.0000e+00	0.0000e+00	0.0000e+00	2.4246e+01	-3.3965e+01	1.2153e+01
	255	0.0000e+00	0.0000e+00	0.0000e+00	2.3614e+01	-3.3135e+01	-1.4623e+00
2282	253	0.0000e+00	0.0000e+00	0.0000e+00	-3.8113e+01	5.3909e+01	-1.2015e+01
	263	0.0000e+00	0.0000e+00	0.0000e+00	-4.0568e+01	4.6682e+01	-1.5112e+00
	264	0.0000e+00	0.0000e+00	0.0000e+00	-3.0734e+01	3.4409e+01	-6.5288e+00
	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.6539e+01	3.7966e+01	-1.7447e+01
2283	252	0.0000e+00	0.0000e+00	0.0000e+00	-4.0913e+01	6.1652e+01	3.1554e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	-4.5659e+01	5.5769e+01	5.0056e+00
	263	0.0000e+00	0.0000e+00	0.0000e+00	-4.2809e+01	5.2007e+01	-2.3494e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-3.9439e+01	5.9144e+01	-4.3016e+00
2284	251	0.0000e+00	0.0000e+00	0.0000e+00	-3.4266e+01	5.0968e+01	1.3603e+01
	261	0.0000e+00	0.0000e+00	0.0000e+00	-3.9204e+01	4.8025e+01	7.6585e+00
	262	0.0000e+00	0.0000e+00	0.0000e+00	-4.4263e+01	5.4060e+01	3.9266e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	-4.1057e+01	5.9181e+01	9.6429e+00
2285	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.2801e+01	3.0391e+01	1.8720e+01
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.5570e+01	2.9153e+01	8.3011e+00
	261	0.0000e+00	0.0000e+00	0.0000e+00	-3.5874e+01	4.1643e+01	6.8234e+00
	251	0.0000e+00	0.0000e+00	0.0000e+00	-3.2829e+01	4.3507e+01	1.7234e+01
2286	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.1806e+01	6.8796e+00	2.0199e+01
	259	0.0000e+00	0.0000e+00	0.0000e+00	-1.0425e+01	6.0041e+00	8.3428e+00
	260	0.0000e+00	0.0000e+00	0.0000e+00	-2.1702e+01	2.0736e+01	7.9932e+00
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.0507e+01	2.0759e+01	2.0033e+01
2287	248	0.0000e+00	0.0000e+00	0.0000e+00	1.3774e+01	-1.8516e+01	1.9377e+01
	258	0.0000e+00	0.0000e+00	0.0000e+00	1.1638e+01	-1.7774e+01	8.2385e+00
	259	0.0000e+00	0.0000e+00	0.0000e+00	-7.9636e+00	-4.0516e+00	8.4973e+00
	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.0798e+01	-5.5163e+00	2.0021e+01
2288	247	0.0000e+00	0.0000e+00	0.0000e+00	2.4289e+01	-3.8929e+01	1.5747e+01
	257	0.0000e+00	0.0000e+00	0.0000e+00	2.3914e+01	-3.6345e+01	7.3729e+00
	258	0.0000e+00	0.0000e+00	0.0000e+00	1.4949e+01	-2.5642e+01	8.7166e+00
	248	0.0000e+00	0.0000e+00	0.0000e+00	1.5808e+01	-2.7453e+01	1.7716e+01
2289	246	0.0000e+00	0.0000e+00	0.0000e+00	3.1100e+01	-5.1005e+01	7.6859e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	3.0491e+01	-4.5415e+01	4.7901e+00
	257	0.0000e+00	0.0000e+00	0.0000e+00	2.6812e+01	-4.1663e+01	7.9575e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	2.5864e+01	-4.5101e+01	1.1900e+01
2290	245	0.0000e+00	0.0000e+00	0.0000e+00	2.8064e+01	-4.8008e+01	-6.8256e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	2.7067e+01	-4.0694e+01	-3.0254e+00
	256	0.0000e+00	0.0000e+00	0.0000e+00	3.1191e+01	-4.5871e+01	4.8116e+00
	246	0.0000e+00	0.0000e+00	0.0000e+00	3.1254e+01	-5.1993e+01	-3.2426e+00
2291	140	0.0000e+00	0.0000e+00	0.0000e+00	1.7893e+01	-3.0781e+01	-1.9531e+01
	151	0.0000e+00	0.0000e+00	0.0000e+00	1.4612e+01	-2.5155e+01	-8.5286e+00
	255	0.0000e+00	0.0000e+00	0.0000e+00	2.4165e+01	-3.5044e+01	-2.0243e+00
	245	0.0000e+00	0.0000e+00	0.0000e+00	2.7259e+01	-4.2400e+01	-1.3969e+01
2292	243	0.0000e+00	0.0000e+00	0.0000e+00	-3.3885e+01	7.5034e+01	-2.3918e+01
	253	0.0000e+00	0.0000e+00	0.0000e+00	-3.8011e+01	5.8745e+01	-1.1042e+01
	254	0.0000e+00	0.0000e+00	0.0000e+00	-2.9019e+01	4.2234e+01	-2.3804e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-2.1491e+01	5.1401e+01	-3.6691e+01
2293	242	0.0000e+00	0.0000e+00	0.0000e+00	-3.1946e+01	7.7914e+01	6.6573e+00
	252	0.0000e+00	0.0000e+00	0.0000e+00	-4.2133e+01	6.7254e+01	6.1955e+00
	253	0.0000e+00	0.0000e+00	0.0000e+00	-4.0704e+01	6.4066e+01	-9.2319e+00
	243	0.0000e+00	0.0000e+00	0.0000e+00	-3.3924e+01	8.3199e+01	-8.7976e+00
2294	241	0.0000e+00	0.0000e+00	0.0000e+00	-2.4995e+01	5.8426e+01	2.3856e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-3.4288e+01	5.3846e+01	1.6953e+01
	252	0.0000e+00	0.0000e+00	0.0000e+00	-3.9472e+01	6.2974e+01	8.8053e+00
	242	0.0000e+00	0.0000e+00	0.0000e+00	-3.2601e+01	7.4851e+01	1.5610e+01
2295	240	0.0000e+00	0.0000e+00	0.0000e+00	-1.8675e+01	3.2394e+01	3.0456e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-2.2495e+01	3.0824e+01	2.1817e+01
	251	0.0000e+00	0.0000e+00	0.0000e+00	-3.0832e+01	4.6143e+01	1.8871e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-2.4925e+01	5.0537e+01	2.7504e+01

2296	239	0.0000e+00	0.0000e+00	0.0000e+00	-1.5485e+01	6.4839e+00	3.2083e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2938e+01	6.0737e+00	2.3037e+01
	250	0.0000e+00	0.0000e+00	0.0000e+00	-1.9754e+01	2.2471e+01	2.2669e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-1.8319e+01	2.3315e+01	3.1740e+01
2297	238	0.0000e+00	0.0000e+00	0.0000e+00	1.8081e+01	-2.2188e+01	3.0619e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	1.5020e+01	-2.0233e+01	2.1702e+01
	249	0.0000e+00	0.0000e+00	0.0000e+00	-1.2213e+01	-5.0859e+00	2.3036e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-1.5784e+01	-6.1793e+00	3.2010e+01
2298	237	0.0000e+00	0.0000e+00	0.0000e+00	2.5376e+01	-4.7194e+01	2.5034e+01
	247	0.0000e+00	0.0000e+00	0.0000e+00	2.4650e+01	-4.1466e+01	1.6877e+01
	248	0.0000e+00	0.0000e+00	0.0000e+00	1.7455e+01	-2.8199e+01	2.0861e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	1.9195e+01	-3.0733e+01	2.9155e+01
2299	236	0.0000e+00	0.0000e+00	0.0000e+00	3.3953e+01	-6.7678e+01	1.1682e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	3.2285e+01	-5.4576e+01	6.3060e+00
	247	0.0000e+00	0.0000e+00	0.0000e+00	2.8046e+01	-4.8275e+01	1.5038e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	2.6512e+01	-5.3919e+01	2.1105e+01
2300	235	0.0000e+00	0.0000e+00	0.0000e+00	3.5204e+01	-7.1607e+01	-1.3572e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	3.2209e+01	-5.2639e+01	-1.2508e+01
	246	0.0000e+00	0.0000e+00	0.0000e+00	3.4447e+01	-5.7560e+01	3.7234e+00
	236	0.0000e+00	0.0000e+00	0.0000e+00	3.4648e+01	-6.9167e+01	2.9075e+00
2301	129	0.0000e+00	0.0000e+00	0.0000e+00	-2.8049e+01	-4.5337e+01	-3.9661e+01
	140	0.0000e+00	0.0000e+00	0.0000e+00	2.1114e+01	-3.5140e+01	-2.5993e+01
	245	0.0000e+00	0.0000e+00	0.0000e+00	2.8616e+01	-4.7170e+01	-1.3710e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	3.6859e+01	-6.2710e+01	-2.7734e+01
2302	232	0.0000e+00	0.0000e+00	0.0000e+00	-3.2113e+01	1.4369e+02	-3.1428e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-3.8945e+01	8.8308e+01	-1.5690e+01
	244	0.0000e+00	0.0000e+00	0.0000e+00	-2.5427e+01	5.9631e+01	-4.4579e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	3.4628e+01	6.1790e+01	-6.0343e+01
2303	230	0.0000e+00	0.0000e+00	0.0000e+00	2.6851e+01	1.1476e+02	1.7213e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-3.5607e+01	8.8738e+01	1.1031e+01
	243	0.0000e+00	0.0000e+00	0.0000e+00	-3.3305e+01	9.1030e+01	-9.8851e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	-2.9919e+01	1.0567e+02	-3.9536e+00
2304	228	0.0000e+00	0.0000e+00	0.0000e+00	2.2632e+01	7.7464e+01	2.9912e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-2.5024e+01	6.2159e+01	2.5825e+01
	242	0.0000e+00	0.0000e+00	0.0000e+00	-2.7834e+01	8.0937e+01	1.8949e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	-2.4510e+01	7.9262e+01	2.3014e+01
2305	226	0.0000e+00	0.0000e+00	0.0000e+00	2.0074e+01	4.3484e+01	3.4643e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-1.8966e+01	3.2659e+01	3.2110e+01
	241	0.0000e+00	0.0000e+00	0.0000e+00	-2.1299e+01	5.4665e+01	3.0128e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	-2.0843e+01	4.7691e+01	3.2666e+01
2306	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.0065e+01	1.2859e+01	3.6160e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-1.6981e+01	5.2604e+00	3.3883e+01
	240	0.0000e+00	0.0000e+00	0.0000e+00	-1.7439e+01	2.5865e+01	3.3762e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-1.9487e+01	1.7333e+01	3.6035e+01
2307	222	0.0000e+00	0.0000e+00	0.0000e+00	-2.2815e+01	-1.7368e+01	3.5384e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	-1.9228e+01	-2.4673e+01	3.2769e+01
	239	0.0000e+00	0.0000e+00	0.0000e+00	-1.7112e+01	-5.2014e+00	3.3825e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.0707e+01	-1.3075e+01	3.6413e+01
2308	220	0.0000e+00	0.0000e+00	0.0000e+00	-2.8446e+01	-4.6140e+01	3.1452e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	2.5313e+01	-5.1106e+01	2.7847e+01
	238	0.0000e+00	0.0000e+00	0.0000e+00	2.1076e+01	-3.1343e+01	3.0992e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-2.4533e+01	-4.2463e+01	3.4541e+01
2309	218	0.0000e+00	0.0000e+00	0.0000e+00	-3.7887e+01	-7.4805e+01	2.0833e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	3.4101e+01	-7.3332e+01	1.4861e+01
	237	0.0000e+00	0.0000e+00	0.0000e+00	2.9421e+01	-5.8229e+01	2.3468e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-3.1035e+01	-7.3664e+01	2.9363e+01
2310	216	0.0000e+00	0.0000e+00	0.0000e+00	5.0681e+01	-9.6890e+01	-9.3470e+00
	235	0.0000e+00	0.0000e+00	0.0000e+00	4.1785e+01	-7.8701e+01	-1.5872e+01
	236	0.0000e+00	0.0000e+00	0.0000e+00	4.1685e+01	-8.0515e+01	7.2640e+00
	218	0.0000e+00	0.0000e+00	0.0000e+00	-4.0716e+01	-1.0613e+02	1.5335e+01
2311	118	0.0000e+00	0.0000e+00	0.0000e+00	-5.2991e+01	-5.7161e+01	-6.3379e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	3.3494e+01	-5.2592e+01	-4.7258e+01
	235	0.0000e+00	0.0000e+00	0.0000e+00	4.3584e+01	-7.4837e+01	-2.0250e+01



	216	0.0000e+00	0.0000e+00	0.0000e+00	5.5735e+01	-1.2692e+02	-3.6500e+01
2312	233	0.0000e+00	0.0000e+00	0.0000e+00	1.1382e+02	2.2612e+01	-2.8244e+01
	232	0.0000e+00	0.0000e+00	0.0000e+00	5.0415e+01	1.7198e+02	-4.2519e+01
	234	0.0000e+00	0.0000e+00	0.0000e+00	-5.5285e+01	8.7471e+01	-1.0355e+02
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.5955e+02	3.6627e+02	-8.0057e+01
2313	231	0.0000e+00	0.0000e+00	0.0000e+00	7.6408e+01	1.6858e+01	1.2200e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	4.8431e+01	1.1298e+02	-4.6109e+00
	232	0.0000e+00	0.0000e+00	0.0000e+00	-3.7358e+01	1.3136e+02	-1.6479e+01
	233	0.0000e+00	0.0000e+00	0.0000e+00	1.1195e+02	2.5738e+02	-2.1399e+01
2314	229	0.0000e+00	0.0000e+00	0.0000e+00	4.9576e+01	-8.5640e+00	1.2459e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	3.8229e+01	7.2397e+01	1.5095e+01
	230	0.0000e+00	0.0000e+00	0.0000e+00	2.8272e+01	9.5941e+01	1.0078e+01
	231	0.0000e+00	0.0000e+00	0.0000e+00	7.6445e+01	1.8816e+02	9.9064e+00
2315	227	0.0000e+00	0.0000e+00	0.0000e+00	3.1296e+01	-3.2437e+01	1.8090e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	2.9324e+01	3.7743e+01	2.1583e+01
	228	0.0000e+00	0.0000e+00	0.0000e+00	2.2390e+01	5.9056e+01	1.8645e+01
	229	0.0000e+00	0.0000e+00	0.0000e+00	5.0379e+01	1.3527e+02	1.5400e+01
2316	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.3769e+01	-5.9686e+01	2.1396e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	2.4342e+01	6.4256e+00	2.4135e+01
	226	0.0000e+00	0.0000e+00	0.0000e+00	-2.0826e+01	2.5570e+01	2.2951e+01
	227	0.0000e+00	0.0000e+00	0.0000e+00	3.2458e+01	9.3030e+01	2.0133e+01
2317	223	0.0000e+00	0.0000e+00	0.0000e+00	-3.0450e+01	-9.0941e+01	2.2142e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	2.4298e+01	-2.5109e+01	2.3904e+01
	224	0.0000e+00	0.0000e+00	0.0000e+00	-2.4022e+01	-6.5074e+00	2.4164e+01
	225	0.0000e+00	0.0000e+00	0.0000e+00	-2.4563e+01	5.8461e+01	2.2071e+01
2318	221	0.0000e+00	0.0000e+00	0.0000e+00	-4.6688e+01	-1.2836e+02	2.1184e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-2.9387e+01	-5.6661e+01	2.1062e+01
	222	0.0000e+00	0.0000e+00	0.0000e+00	-3.0947e+01	-3.6912e+01	2.2568e+01
	223	0.0000e+00	0.0000e+00	0.0000e+00	-3.0555e+01	2.9336e+01	2.1802e+01
2319	219	0.0000e+00	0.0000e+00	0.0000e+00	-6.9631e+01	-1.7469e+02	2.1134e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-3.9582e+01	-9.0037e+01	1.5614e+01
	220	0.0000e+00	0.0000e+00	0.0000e+00	-4.0961e+01	-6.9391e+01	1.7554e+01
	221	0.0000e+00	0.0000e+00	0.0000e+00	-4.6745e+01	6.8527e+00	2.1064e+01
2320	217	0.0000e+00	0.0000e+00	0.0000e+00	-9.9902e+01	-2.3475e+02	-2.8794e+01
	216	0.0000e+00	0.0000e+00	0.0000e+00	-6.0960e+01	-1.1944e+02	-2.0242e+01
	218	0.0000e+00	0.0000e+00	0.0000e+00	-5.3977e+01	-1.0684e+02	-1.0711e+01
	219	0.0000e+00	0.0000e+00	0.0000e+00	-7.0133e+01	-2.1548e+01	-2.4535e+01
2321	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.6598e+02	-3.2681e+02	-7.6592e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	6.6833e+01	-7.7911e+01	-1.0827e+02
	216	0.0000e+00	0.0000e+00	0.0000e+00	-7.7086e+01	-1.5604e+02	-4.2845e+01
	217	0.0000e+00	0.0000e+00	0.0000e+00	-1.0208e+02	-3.0654e+01	-4.0437e+01
2322	205	0.0000e+00	0.0000e+00	0.0000e+00	-1.3922e+02	5.6610e+02	5.4854e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	3.9825e+02	1.7333e+02	-1.5548e+02
	13	0.0000e+00	0.0000e+00	0.0000e+00	3.3045e+02	1.6029e+03	3.3953e+02
	206	0.0000e+00	0.0000e+00	0.0000e+00	-3.0803e+02	1.6826e+02	5.3197e+02
2323	204	0.0000e+00	0.0000e+00	0.0000e+00	9.5584e+01	1.5214e+02	-3.8689e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	1.5824e+02	1.2527e+02	-2.5953e+01
	215	0.0000e+00	0.0000e+00	0.0000e+00	2.5193e+02	2.9294e+02	-4.7624e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	7.9155e+01	3.1825e+02	-6.3092e+01
2324	203	0.0000e+00	0.0000e+00	0.0000e+00	6.4187e+01	4.5164e+01	-3.4842e+01
	213	0.0000e+00	0.0000e+00	0.0000e+00	8.7137e+01	4.1820e+01	-1.3710e+01
	214	0.0000e+00	0.0000e+00	0.0000e+00	1.2788e+02	1.0979e+02	-2.5915e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	7.8024e+01	1.3589e+02	-4.8581e+01
2325	202	0.0000e+00	0.0000e+00	0.0000e+00	3.3566e+01	-2.3943e+01	-2.4313e+01
	212	0.0000e+00	0.0000e+00	0.0000e+00	4.2212e+01	-2.4682e+01	-5.7227e+00
	213	0.0000e+00	0.0000e+00	0.0000e+00	6.8481e+01	2.5330e+01	-1.3061e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	4.8997e+01	4.0100e+01	-3.2092e+01
2326	201	0.0000e+00	0.0000e+00	0.0000e+00	9.0637e+00	-7.7098e+01	-1.7070e+01
	211	0.0000e+00	0.0000e+00	0.0000e+00	1.0874e+01	-7.8349e+01	1.1683e+00
	212	0.0000e+00	0.0000e+00	0.0000e+00	2.8863e+01	-3.7287e+01	-5.0277e+00
	202	0.0000e+00	0.0000e+00	0.0000e+00	2.1639e+01	-3.1325e+01	-2.1307e+01
2327	200	0.0000e+00	0.0000e+00	0.0000e+00	-1.7363e+01	-1.3359e+02	-1.3389e+01
	210	0.0000e+00	0.0000e+00	0.0000e+00	-2.0503e+01	-1.3408e+02	4.9170e+00

	211	0.0000e+00	0.0000e+00	0.0000e+00	-7.1687e+00	-9.1559e+01	1.2196e+00
	201	0.0000e+00	0.0000e+00	0.0000e+00	-7.3568e+00	-8.7149e+01	-1.5132e+01
2328	199	0.0000e+00	0.0000e+00	0.0000e+00	-3.8763e+01	-1.9833e+02	-1.2868e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-4.8001e+01	-1.9729e+02	9.6124e+00
	210	0.0000e+00	0.0000e+00	0.0000e+00	-3.1647e+01	-1.4850e+02	6.6127e+00
	200	0.0000e+00	0.0000e+00	0.0000e+00	-2.7546e+01	-1.4490e+02	-1.2409e+01
2329	198	0.0000e+00	0.0000e+00	0.0000e+00	-5.7871e+01	-2.8152e+02	-1.3999e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	-7.9984e+01	-2.7831e+02	1.4480e+01
	209	0.0000e+00	0.0000e+00	0.0000e+00	-6.1062e+01	-2.1406e+02	1.1978e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	-4.9556e+01	-2.1035e+02	-1.1904e+01
2330	197	0.0000e+00	0.0000e+00	0.0000e+00	-5.0518e+01	-4.0883e+02	1.4501e+01
	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.2719e+02	-4.1471e+02	1.9092e+01
	208	0.0000e+00	0.0000e+00	0.0000e+00	-9.7284e+01	-2.9636e+02	1.6096e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	-6.7345e+01	-2.9978e+02	-1.1551e+01
2331	196	0.0000e+00	0.0000e+00	0.0000e+00	9.6043e+01	-4.4102e+02	2.7448e+02
	12	0.0000e+00	0.0000e+00	0.0000e+00	-1.1122e+02	-1.0407e+03	1.7918e+02
	207	0.0000e+00	0.0000e+00	0.0000e+00	-1.8922e+02	-3.8611e+02	-4.2178e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	1.8685e+01	-5.2353e+02	6.4872e+01
2332	194	0.0000e+00	0.0000e+00	0.0000e+00	-8.7808e+01	1.4994e+02	6.0838e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	-8.3519e+01	3.6129e+02	1.3210e+02
	206	0.0000e+00	0.0000e+00	0.0000e+00	5.8401e+01	6.5877e+01	2.3614e+02
	195	0.0000e+00	0.0000e+00	0.0000e+00	-6.2233e+01	4.8474e+01	1.6459e+02
2333	193	0.0000e+00	0.0000e+00	0.0000e+00	-6.9616e+01	1.4702e+02	-8.5063e+00
	204	0.0000e+00	0.0000e+00	0.0000e+00	4.2380e+01	1.8171e+02	-6.4512e+01
	205	0.0000e+00	0.0000e+00	0.0000e+00	-9.3032e+01	2.5360e+02	-6.0379e+00
	194	0.0000e+00	0.0000e+00	0.0000e+00	-6.3588e+01	1.4629e+02	5.9760e+01
2334	192	0.0000e+00	0.0000e+00	0.0000e+00	-2.0648e+01	6.4082e+01	-3.0747e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	3.5759e+01	6.3926e+01	-4.8524e+01
	204	0.0000e+00	0.0000e+00	0.0000e+00	3.5179e+01	1.1394e+02	-4.7871e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	-4.1032e+01	1.1236e+02	-3.0380e+01
2335	191	0.0000e+00	0.0000e+00	0.0000e+00	1.0052e+01	-1.7776e+01	-3.5053e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	2.1308e+01	-1.7342e+01	-3.5014e+01
	203	0.0000e+00	0.0000e+00	0.0000e+00	2.9102e+01	3.2700e+01	-4.1187e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	-1.5983e+01	4.3898e+01	-4.1073e+01
2336	190	0.0000e+00	0.0000e+00	0.0000e+00	-6.6681e+00	-7.0579e+01	-3.2536e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	7.1805e+00	-7.1383e+01	-2.6825e+01
	202	0.0000e+00	0.0000e+00	0.0000e+00	1.4556e+01	-3.4770e+01	-3.1846e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	-9.0226e+00	-2.6837e+01	-3.7374e+01
2337	189	0.0000e+00	0.0000e+00	0.0000e+00	-1.1762e+01	-1.2859e+02	-2.8841e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	-1.6520e+01	-1.2868e+02	-2.2473e+01
	201	0.0000e+00	0.0000e+00	0.0000e+00	-8.9596e+00	-8.9556e+01	-2.5571e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	-1.0452e+01	-8.2690e+01	-3.1861e+01
2338	188	0.0000e+00	0.0000e+00	0.0000e+00	-1.6198e+01	-1.9093e+02	-2.3562e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	-3.0669e+01	-1.9170e+02	-1.9980e+01
	200	0.0000e+00	0.0000e+00	0.0000e+00	-2.4035e+01	-1.4804e+02	-2.2458e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	-1.6550e+01	-1.4211e+02	-2.6039e+01
2339	187	0.0000e+00	0.0000e+00	0.0000e+00	-1.0920e+01	-2.5785e+02	-1.2425e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	-3.6789e+01	-2.6825e+02	-1.5198e+01
	199	0.0000e+00	0.0000e+00	0.0000e+00	-3.8455e+01	-2.1604e+02	-2.1520e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	-1.7478e+01	-2.0839e+02	-1.7190e+01
2340	186	0.0000e+00	0.0000e+00	0.0000e+00	8.4532e+00	-3.0848e+02	5.3922e+01
	197	0.0000e+00	0.0000e+00	0.0000e+00	-7.6801e+00	-3.7551e+02	2.9671e+01
	198	0.0000e+00	0.0000e+00	0.0000e+00	-4.6070e+01	-3.0687e+02	-1.8153e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	7.4975e+00	-2.8270e+02	1.5629e+01
2341	185	0.0000e+00	0.0000e+00	0.0000e+00	-3.3680e+01	-2.7843e+02	1.6036e+02
	196	0.0000e+00	0.0000e+00	0.0000e+00	-3.6147e+01	-3.7824e+02	1.7969e+02
	197	0.0000e+00	0.0000e+00	0.0000e+00	-1.8279e+01	-4.3292e+02	8.4172e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	2.3299e+01	-3.2272e+02	6.5218e+01
2342	183	0.0000e+00	0.0000e+00	0.0000e+00	-3.6110e+01	5.4044e+01	5.6563e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	-5.4282e+01	1.0994e+02	9.8424e+01
	195	0.0000e+00	0.0000e+00	0.0000e+00	2.1769e+01	2.4777e+01	1.2998e+02
	184	0.0000e+00	0.0000e+00	0.0000e+00	-1.9716e+01	1.0491e+01	8.7977e+01
2343	182	0.0000e+00	0.0000e+00	0.0000e+00	-5.0335e+01	7.8262e+01	1.4376e+01

	193	0.0000e+00	0.0000e+00	0.0000e+00	-4.0034e+01	1.0969e+02	1.1134e+01
	194	0.0000e+00	0.0000e+00	0.0000e+00	-5.3500e+01	1.3246e+02	5.1374e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	-4.4402e+01	6.7031e+01	5.6112e+01
2344	181	0.0000e+00	0.0000e+00	0.0000e+00	-3.6740e+01	4.6970e+01	-2.0870e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	-1.9835e+01	5.7149e+01	-3.5294e+01
	193	0.0000e+00	0.0000e+00	0.0000e+00	-4.1521e+01	1.0371e+02	-1.4999e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	-4.3411e+01	6.6571e+01	1.1421e+01
2345	180	0.0000e+00	0.0000e+00	0.0000e+00	-2.1221e+01	-1.7933e+01	-3.2132e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	-1.1058e+01	-1.6681e+01	-4.1144e+01
	192	0.0000e+00	0.0000e+00	0.0000e+00	-2.1287e+01	3.8701e+01	-3.6442e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	-3.0039e+01	3.0698e+01	-2.7699e+01
2346	179	0.0000e+00	0.0000e+00	0.0000e+00	-1.3107e+01	-6.5837e+01	-3.4446e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	-8.9065e+00	-6.6356e+01	-3.8319e+01
	191	0.0000e+00	0.0000e+00	0.0000e+00	-1.2792e+01	-3.0023e+01	-3.9453e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	-1.9297e+01	-2.8480e+01	-3.5498e+01
2347	178	0.0000e+00	0.0000e+00	0.0000e+00	-1.0426e+01	-1.2044e+02	-3.1300e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	-1.1401e+01	-1.2360e+02	-3.3326e+01
	190	0.0000e+00	0.0000e+00	0.0000e+00	-1.2524e+01	-8.4698e+01	-3.6884e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	-1.3896e+01	-7.9929e+01	-3.4676e+01
2348	177	0.0000e+00	0.0000e+00	0.0000e+00	-1.0133e+01	-1.7450e+02	-2.2248e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	-1.2963e+01	-1.8441e+02	-2.4912e+01
	189	0.0000e+00	0.0000e+00	0.0000e+00	-1.6070e+01	-1.4234e+02	-3.2118e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	-1.1459e+01	-1.3526e+02	-2.8895e+01
2349	176	0.0000e+00	0.0000e+00	0.0000e+00	-1.2079e+01	-2.2055e+02	1.4724e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	-9.6151e+00	-2.4831e+02	-1.1348e+01
	188	0.0000e+00	0.0000e+00	0.0000e+00	-1.8123e+01	-2.0314e+02	-2.2335e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	-1.0096e+01	-1.9033e+02	-1.7983e+01
2350	175	0.0000e+00	0.0000e+00	0.0000e+00	-1.2925e+01	-2.3871e+02	5.4072e+01
	186	0.0000e+00	0.0000e+00	0.0000e+00	-1.1601e+01	-2.9326e+02	5.1034e+01
	187	0.0000e+00	0.0000e+00	0.0000e+00	-1.4637e+01	-2.6048e+02	1.6777e+01
	176	0.0000e+00	0.0000e+00	0.0000e+00	-1.2836e+01	-2.3381e+02	2.0192e+01
2351	174	0.0000e+00	0.0000e+00	0.0000e+00	-5.3763e+01	-2.0051e+02	1.0645e+02
	185	0.0000e+00	0.0000e+00	0.0000e+00	-2.5165e+01	-2.4619e+02	1.3065e+02
	186	0.0000e+00	0.0000e+00	0.0000e+00	-1.3290e+01	-2.9175e+02	8.3233e+01
	175	0.0000e+00	0.0000e+00	0.0000e+00	-1.4893e+01	-2.3270e+02	5.9633e+01
2352	172	0.0000e+00	0.0000e+00	0.0000e+00	-1.8157e+01	1.9231e+01	3.4154e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	-2.9470e+01	4.4158e+01	6.0196e+01
	184	0.0000e+00	0.0000e+00	0.0000e+00	1.1035e+01	-7.7903e+00	7.1285e+01
	173	0.0000e+00	0.0000e+00	0.0000e+00	-5.9852e+00	-5.1233e+00	4.4896e+01
2353	171	0.0000e+00	0.0000e+00	0.0000e+00	-3.4373e+01	3.6694e+01	1.5000e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	-3.6616e+01	6.0679e+01	2.0889e+01
	183	0.0000e+00	0.0000e+00	0.0000e+00	-3.0695e+01	5.5344e+01	4.1852e+01
	172	0.0000e+00	0.0000e+00	0.0000e+00	-2.5863e+01	2.9573e+01	3.4123e+01
2354	170	0.0000e+00	0.0000e+00	0.0000e+00	-3.3946e+01	2.4302e+01	-1.7388e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	-2.9173e+01	3.6465e+01	-1.9975e+01
	182	0.0000e+00	0.0000e+00	0.0000e+00	-3.8392e+01	5.9110e+01	-1.1454e+01
	171	0.0000e+00	0.0000e+00	0.0000e+00	-3.4562e+01	3.4083e+01	1.4875e+01
2355	169	0.0000e+00	0.0000e+00	0.0000e+00	-2.5808e+01	-2.2796e+01	-2.7044e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	-1.9831e+01	-1.9471e+01	-3.3790e+01
	181	0.0000e+00	0.0000e+00	0.0000e+00	-3.0841e+01	2.7103e+01	-2.5866e+01
	170	0.0000e+00	0.0000e+00	0.0000e+00	-3.1193e+01	1.6714e+01	-2.0284e+01
2356	168	0.0000e+00	0.0000e+00	0.0000e+00	-1.8152e+01	-6.4834e+01	-3.0793e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	-1.3752e+01	-6.4777e+01	-3.6911e+01
	180	0.0000e+00	0.0000e+00	0.0000e+00	-2.1669e+01	-3.0744e+01	-3.5214e+01
	169	0.0000e+00	0.0000e+00	0.0000e+00	-2.3815e+01	-3.4004e+01	-2.9218e+01
2357	167	0.0000e+00	0.0000e+00	0.0000e+00	-1.4928e+01	-1.1252e+02	-2.8829e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	-1.1328e+01	-1.1718e+02	-3.3468e+01
	179	0.0000e+00	0.0000e+00	0.0000e+00	-1.6282e+01	-8.0443e+01	-3.6259e+01
	168	0.0000e+00	0.0000e+00	0.0000e+00	-1.7718e+01	-7.8611e+01	-3.1346e+01
2358	166	0.0000e+00	0.0000e+00	0.0000e+00	-1.6353e+01	-1.5717e+02	-2.1586e+01
	177	0.0000e+00	0.0000e+00	0.0000e+00	-1.1777e+01	-1.6926e+02	-2.3821e+01
	178	0.0000e+00	0.0000e+00	0.0000e+00	-1.4436e+01	-1.3275e+02	-3.1217e+01
	167	0.0000e+00	0.0000e+00	0.0000e+00	-1.5449e+01	-1.2632e+02	-2.7846e+01

2359 165 0.0000e+00 0.0000e+00 0.0000e+00 -2.0394e+01 -1.8932e+02 1.7965e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 -1.4155e+01 -2.1233e+02 -1.4569e+01  
177 0.0000e+00 0.0000e+00 0.0000e+00 -1.4746e+01 -1.8228e+02 -1.9348e+01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -1.7201e+01 -1.6911e+02 -2.0149e+01

2360 164 0.0000e+00 0.0000e+00 0.0000e+00 -2.5168e+01 -1.9439e+02 3.9084e+01  
175 0.0000e+00 0.0000e+00 0.0000e+00 -2.3435e+01 -2.2648e+02 4.4588e+01  
176 0.0000e+00 0.0000e+00 0.0000e+00 -1.6980e+01 -2.1804e+02 2.2207e+01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -2.1204e+01 -1.9534e+02 1.9840e+01

2361 163 0.0000e+00 0.0000e+00 0.0000e+00 -6.2479e+01 -1.5724e+02 6.7986e+01  
174 0.0000e+00 0.0000e+00 0.0000e+00 -3.2809e+01 -1.8213e+02 8.9522e+01  
175 0.0000e+00 0.0000e+00 0.0000e+00 -2.5833e+01 -2.2010e+02 6.3074e+01  
164 0.0000e+00 0.0000e+00 0.0000e+00 -2.8969e+01 -1.8502e+02 4.2757e+01

2362 161 0.0000e+00 0.0000e+00 0.0000e+00 -1.0994e+01 9.8611e+00 1.6408e+01  
172 0.0000e+00 0.0000e+00 0.0000e+00 -1.5548e+01 1.6666e+01 3.2453e+01  
173 0.0000e+00 0.0000e+00 0.0000e+00 7.6548e+00 -8.6344e+00 3.6658e+01  
162 0.0000e+00 0.0000e+00 0.0000e+00 6.1335e+00 -1.0414e+01 1.9320e+01

2363 160 0.0000e+00 0.0000e+00 0.0000e+00 -2.4288e+01 1.8529e+01 -1.4246e+01  
171 0.0000e+00 0.0000e+00 0.0000e+00 -2.6946e+01 2.9471e+01 1.7376e+01  
172 0.0000e+00 0.0000e+00 0.0000e+00 -1.7986e+01 2.3408e+01 2.5160e+01  
161 0.0000e+00 0.0000e+00 0.0000e+00 -1.6352e+01 1.4858e+01 1.7699e+01

2364 159 0.0000e+00 0.0000e+00 0.0000e+00 -2.8369e+01 -1.5111e+01 -1.9260e+01  
170 0.0000e+00 0.0000e+00 0.0000e+00 -2.7664e+01 1.9142e+01 -1.7474e+01  
171 0.0000e+00 0.0000e+00 0.0000e+00 -2.9129e+01 2.9391e+01 -1.3831e+01  
160 0.0000e+00 0.0000e+00 0.0000e+00 -2.6573e+01 1.8420e+01 -1.5823e+01

2365 158 0.0000e+00 0.0000e+00 0.0000e+00 -2.5872e+01 -3.0041e+01 -2.5049e+01  
169 0.0000e+00 0.0000e+00 0.0000e+00 -2.2872e+01 -2.5913e+01 -2.7361e+01  
170 0.0000e+00 0.0000e+00 0.0000e+00 -2.9336e+01 1.5720e+01 -2.1718e+01  
159 0.0000e+00 0.0000e+00 0.0000e+00 -2.8311e+01 -1.5771e+01 -2.0611e+01

2366 157 0.0000e+00 0.0000e+00 0.0000e+00 -2.2229e+01 -6.6163e+01 -2.8000e+01  
168 0.0000e+00 0.0000e+00 0.0000e+00 -1.8021e+01 -6.5547e+01 -3.1937e+01  
169 0.0000e+00 0.0000e+00 0.0000e+00 -2.4423e+01 -3.5567e+01 -2.9750e+01  
158 0.0000e+00 0.0000e+00 0.0000e+00 -2.5354e+01 -3.9922e+01 -2.6156e+01

2367 156 0.0000e+00 0.0000e+00 0.0000e+00 -2.1579e+01 -1.0733e+02 -2.7555e+01  
167 0.0000e+00 0.0000e+00 0.0000e+00 -1.6547e+01 -1.1095e+02 -3.0665e+01  
168 0.0000e+00 0.0000e+00 0.0000e+00 -1.9965e+01 -7.8359e+01 -3.2028e+01  
157 0.0000e+00 0.0000e+00 0.0000e+00 -2.2391e+01 -7.8409e+01 -2.8651e+01

2368 155 0.0000e+00 0.0000e+00 0.0000e+00 -2.4272e+01 -1.4477e+02 -2.4186e+01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -1.8808e+01 -1.5358e+02 -2.4248e+01  
167 0.0000e+00 0.0000e+00 0.0000e+00 -1.8827e+01 -1.2351e+02 -2.8739e+01  
156 0.0000e+00 0.0000e+00 0.0000e+00 -2.2486e+01 -1.1926e+02 -2.7728e+01

2369 154 0.0000e+00 0.0000e+00 0.0000e+00 -2.9088e+01 -1.6885e+02 -2.1216e+01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -2.3122e+01 -1.8335e+02 -1.8076e+01  
166 0.0000e+00 0.0000e+00 0.0000e+00 -2.1034e+01 -1.6299e+02 -2.1051e+01  
155 0.0000e+00 0.0000e+00 0.0000e+00 -2.5454e+01 -1.5374e+02 -2.4192e+01

2370 153 0.0000e+00 0.0000e+00 0.0000e+00 -3.6310e+01 -1.6793e+02 2.6126e+01  
164 0.0000e+00 0.0000e+00 0.0000e+00 -3.4169e+01 -1.8602e+02 3.1261e+01  
165 0.0000e+00 0.0000e+00 0.0000e+00 -2.5854e+01 -1.8607e+02 2.1065e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -3.0439e+01 -1.7138e+02 -2.1324e+01

2371 152 0.0000e+00 0.0000e+00 0.0000e+00 -6.3884e+01 -1.3092e+02 3.8915e+01  
163 0.0000e+00 0.0000e+00 0.0000e+00 -4.6501e+01 -1.4649e+02 5.6371e+01  
164 0.0000e+00 0.0000e+00 0.0000e+00 -3.7099e+01 -1.7788e+02 4.2574e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -3.9630e+01 -1.5856e+02 2.8208e+01

2372 150 0.0000e+00 0.0000e+00 0.0000e+00 -1.2208e+01 -1.4943e+01 -1.2372e+01  
161 0.0000e+00 0.0000e+00 0.0000e+00 -1.0274e+01 1.1338e+01 1.4762e+01  
162 0.0000e+00 0.0000e+00 0.0000e+00 8.4359e+00 -1.3114e+01 1.4116e+01  
151 0.0000e+00 0.0000e+00 0.0000e+00 1.0736e+01 -1.7010e+01 -7.8171e+00

2373 149 0.0000e+00 0.0000e+00 0.0000e+00 -2.1857e+01 1.7476e+01 -1.8536e+01  
160 0.0000e+00 0.0000e+00 0.0000e+00 -2.1273e+01 1.7622e+01 -1.5540e+01  
161 0.0000e+00 0.0000e+00 0.0000e+00 -1.3328e+01 1.3829e+01 1.3660e+01  
150 0.0000e+00 0.0000e+00 0.0000e+00 -1.5112e+01 1.6035e+01 -1.4313e+01

2374 148 0.0000e+00 0.0000e+00 0.0000e+00 -2.6678e+01 -1.8194e+01 -2.3091e+01  
159 0.0000e+00 0.0000e+00 0.0000e+00 -2.5362e+01 -1.5952e+01 -2.0137e+01  
160 0.0000e+00 0.0000e+00 0.0000e+00 -2.3760e+01 1.7348e+01 -1.6888e+01

149 0.0000e+00 0.0000e+00 0.0000e+00 -2.4232e+01 1.7447e+01 -1.9712e+01

2375 147 0.0000e+00 0.0000e+00 0.0000e+00 -2.7106e+01 -3.5578e+01 -2.6242e+01  
158 0.0000e+00 0.0000e+00 0.0000e+00 -2.4360e+01 -3.2512e+01 -2.5743e+01  
159 0.0000e+00 0.0000e+00 0.0000e+00 -2.7040e+01 -1.7192e+01 -2.2824e+01  
148 0.0000e+00 0.0000e+00 0.0000e+00 -2.7827e+01 -2.0619e+01 -2.3837e+01

2376 146 0.0000e+00 0.0000e+00 0.0000e+00 -2.6688e+01 -6.8230e+01 -2.8178e+01  
157 0.0000e+00 0.0000e+00 0.0000e+00 -2.2589e+01 -6.7217e+01 -2.9191e+01  
158 0.0000e+00 0.0000e+00 0.0000e+00 -2.5799e+01 -4.1007e+01 -2.7607e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -2.7769e+01 -4.4157e+01 -2.6922e+01

2377 145 0.0000e+00 0.0000e+00 0.0000e+00 -2.8038e+01 -1.0549e+02 -2.8814e+01  
156 0.0000e+00 0.0000e+00 0.0000e+00 -2.3239e+01 -1.0687e+02 -2.9560e+01  
157 0.0000e+00 0.0000e+00 0.0000e+00 -2.4265e+01 -7.8212e+01 -2.9654e+01  
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2378 144 0.0000e+00 0.0000e+00 0.0000e+00 -3.1288e+01 -1.3899e+02 -2.8167e+01  
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156 0.0000e+00 0.0000e+00 0.0000e+00 -2.5118e+01 -1.1758e+02 -2.8640e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -2.9207e+01 -1.1598e+02 -2.9469e+01

2379 143 0.0000e+00 0.0000e+00 0.0000e+00 -3.5858e+01 -1.5919e+02 -2.6571e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -3.1352e+01 -1.6532e+02 -2.3083e+01  
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144 0.0000e+00 0.0000e+00 0.0000e+00 -3.2527e+01 -1.4625e+02 -2.8808e+01

2380 142 0.0000e+00 0.0000e+00 0.0000e+00 -4.3324e+01 -1.5505e+02 -2.4527e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -4.1138e+01 -1.6284e+02 2.2609e+01  
154 0.0000e+00 0.0000e+00 0.0000e+00 -3.3729e+01 -1.6692e+02 -2.2321e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -3.7170e+01 -1.5993e+02 -2.7099e+01

2381 141 0.0000e+00 0.0000e+00 0.0000e+00 -5.9015e+01 -1.1539e+02 -2.2554e+01  
152 0.0000e+00 0.0000e+00 0.0000e+00 -5.9156e+01 -1.2540e+02 3.0963e+01  
153 0.0000e+00 0.0000e+00 0.0000e+00 -4.4238e+01 -1.5312e+02 2.7752e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -4.5227e+01 -1.4612e+02 -2.4664e+01

2382 139 0.0000e+00 0.0000e+00 0.0000e+00 -1.8982e+01 -2.2773e+01 -2.4791e+01  
150 0.0000e+00 0.0000e+00 0.0000e+00 -1.2569e+01 -1.7453e+01 -1.4589e+01  
151 0.0000e+00 0.0000e+00 0.0000e+00 1.1607e+01 -1.9443e+01 -1.0401e+01  
140 0.0000e+00 0.0000e+00 0.0000e+00 1.7324e+01 -2.4992e+01 -2.2284e+01

2383 138 0.0000e+00 0.0000e+00 0.0000e+00 -2.5940e+01 2.3161e+01 -2.5587e+01  
149 0.0000e+00 0.0000e+00 0.0000e+00 -2.1951e+01 1.9448e+01 -1.9897e+01  
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139 0.0000e+00 0.0000e+00 0.0000e+00 -2.0540e+01 2.3156e+01 -2.3778e+01

2384 137 0.0000e+00 0.0000e+00 0.0000e+00 -2.9269e+01 -2.1698e+01 -2.6953e+01  
148 0.0000e+00 0.0000e+00 0.0000e+00 -2.6616e+01 -1.9625e+01 -2.4124e+01  
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138 0.0000e+00 0.0000e+00 0.0000e+00 -2.7701e+01 2.1997e+01 -2.5168e+01

2385 136 0.0000e+00 0.0000e+00 0.0000e+00 -3.0143e+01 -3.8428e+01 -2.8729e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -2.7301e+01 -3.6707e+01 -2.7359e+01  
148 0.0000e+00 0.0000e+00 0.0000e+00 -2.7939e+01 -2.2010e+01 -2.5966e+01  
137 0.0000e+00 0.0000e+00 0.0000e+00 -3.0584e+01 -2.3359e+01 -2.7369e+01

2386 135 0.0000e+00 0.0000e+00 0.0000e+00 -3.0962e+01 -7.0292e+01 -3.0319e+01  
146 0.0000e+00 0.0000e+00 0.0000e+00 -2.7526e+01 -6.9049e+01 -2.9645e+01  
147 0.0000e+00 0.0000e+00 0.0000e+00 -2.8505e+01 -4.4897e+01 -2.8544e+01  
136 0.0000e+00 0.0000e+00 0.0000e+00 -3.1182e+01 -4.6632e+01 -2.9405e+01

2387 134 0.0000e+00 0.0000e+00 0.0000e+00 -3.2936e+01 -1.0640e+02 -3.1444e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -2.9394e+01 -1.0572e+02 -3.0767e+01  
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2388 133 0.0000e+00 0.0000e+00 0.0000e+00 -3.5992e+01 -1.3921e+02 -3.2030e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -3.2804e+01 -1.3846e+02 -3.0652e+01  
145 0.0000e+00 0.0000e+00 0.0000e+00 -3.0976e+01 -1.1572e+02 -3.0604e+01  
134 0.0000e+00 0.0000e+00 0.0000e+00 -3.4023e+01 -1.1651e+02 -3.2096e+01

2389 132 0.0000e+00 0.0000e+00 0.0000e+00 -3.9497e+01 -1.5937e+02 -3.2429e+01  
143 0.0000e+00 0.0000e+00 0.0000e+00 -3.7194e+01 -1.5790e+02 -2.9403e+01  
144 0.0000e+00 0.0000e+00 0.0000e+00 -3.4320e+01 -1.4569e+02 -2.9787e+01  
133 0.0000e+00 0.0000e+00 0.0000e+00 -3.6971e+01 -1.4616e+02 -3.2817e+01

2390 131 0.0000e+00 0.0000e+00 0.0000e+00 -4.5539e+01 -1.5428e+02 -3.3542e+01  
142 0.0000e+00 0.0000e+00 0.0000e+00 -4.3793e+01 -1.5267e+02 -2.6756e+01

	143	0.0000e+00	0.0000e+00	0.0000e+00	-3.8809e+01	-1.5951e+02	-2.7864e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-4.0333e+01	-1.5948e+02	-3.4309e+01
2391	130	0.0000e+00	0.0000e+00	0.0000e+00	-4.8270e+01	-1.0888e+02	-3.0934e+01
	141	0.0000e+00	0.0000e+00	0.0000e+00	-6.9031e+01	-1.1439e+02	-2.2333e+01
	142	0.0000e+00	0.0000e+00	0.0000e+00	-4.6508e+01	-1.4088e+02	-2.5150e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-4.5718e+01	-1.4575e+02	-3.3232e+01
2392	128	0.0000e+00	0.0000e+00	0.0000e+00	-3.1684e+01	3.4345e+01	-4.0910e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	-2.0056e+01	-2.6070e+01	-2.6955e+01
	140	0.0000e+00	0.0000e+00	0.0000e+00	-1.7829e+01	-2.7736e+01	-2.7886e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	2.9057e+01	-3.4085e+01	-4.2897e+01
2393	127	0.0000e+00	0.0000e+00	0.0000e+00	-3.4613e+01	3.2143e+01	-3.0674e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-2.8328e+01	2.6268e+01	-2.6090e+01
	139	0.0000e+00	0.0000e+00	0.0000e+00	-2.3538e+01	2.6244e+01	-2.9270e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-3.1776e+01	3.6318e+01	-3.4352e+01
2394	126	0.0000e+00	0.0000e+00	0.0000e+00	-3.3844e+01	-2.4359e+01	-2.8500e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-3.1011e+01	-2.2202e+01	-2.7628e+01
	138	0.0000e+00	0.0000e+00	0.0000e+00	-2.9651e+01	2.4380e+01	-2.7943e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-3.5187e+01	2.9943e+01	-2.8371e+01
2395	125	0.0000e+00	0.0000e+00	0.0000e+00	-3.3032e+01	-4.0384e+01	-3.0286e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-3.1000e+01	-3.8511e+01	-2.9820e+01
	137	0.0000e+00	0.0000e+00	0.0000e+00	-3.1469e+01	-2.4584e+01	-2.8797e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-3.4397e+01	-2.4323e+01	-2.9113e+01
2396	124	0.0000e+00	0.0000e+00	0.0000e+00	-3.3121e+01	-7.3134e+01	-3.2344e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	-3.1549e+01	-7.1023e+01	-3.1761e+01
	136	0.0000e+00	0.0000e+00	0.0000e+00	-3.1820e+01	-4.7026e+01	-3.0531e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-3.3570e+01	-4.7905e+01	-3.1240e+01
2397	123	0.0000e+00	0.0000e+00	0.0000e+00	-3.4273e+01	-1.0958e+02	-3.3953e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-3.3488e+01	-1.0723e+02	-3.3136e+01
	135	0.0000e+00	0.0000e+00	0.0000e+00	-3.2733e+01	-8.1098e+01	-3.2129e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-3.3715e+01	-8.2673e+01	-3.3161e+01
2398	122	0.0000e+00	0.0000e+00	0.0000e+00	-3.6342e+01	-1.4390e+02	-3.4937e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-3.6474e+01	-1.3986e+02	-3.3935e+01
	134	0.0000e+00	0.0000e+00	0.0000e+00	-3.4781e+01	-1.1721e+02	-3.3182e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-3.4889e+01	-1.1885e+02	-3.4496e+01
2399	121	0.0000e+00	0.0000e+00	0.0000e+00	-3.8768e+01	-1.6839e+02	-3.6439e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-3.9916e+01	-1.5999e+02	-3.4990e+01
	133	0.0000e+00	0.0000e+00	0.0000e+00	-3.7652e+01	-1.4785e+02	-3.3604e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-3.6832e+01	-1.5069e+02	-3.5381e+01
2400	120	0.0000e+00	0.0000e+00	0.0000e+00	-4.2707e+01	-1.6783e+02	-4.3274e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-4.2537e+01	-1.5431e+02	-3.7887e+01
	132	0.0000e+00	0.0000e+00	0.0000e+00	-4.0700e+01	-1.6322e+02	-3.4327e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-3.9010e+01	-1.6811e+02	-3.9128e+01
2401	119	0.0000e+00	0.0000e+00	0.0000e+00	-3.6183e+01	-1.1338e+02	-5.1232e+01
	130	0.0000e+00	0.0000e+00	0.0000e+00	-7.4850e+01	-1.1264e+02	-3.7516e+01
	131	0.0000e+00	0.0000e+00	0.0000e+00	-4.3912e+01	-1.4052e+02	-3.2994e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-4.1588e+01	-1.5919e+02	-4.4995e+01
2402	116	0.0000e+00	0.0000e+00	0.0000e+00	-5.5546e+01	7.5315e+01	-5.4353e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-3.5083e+01	4.1352e+01	-3.7524e+01
	129	0.0000e+00	0.0000e+00	0.0000e+00	-3.1373e+01	-3.8618e+01	-4.9638e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-5.5561e+01	-4.7115e+01	-6.7822e+01
2403	114	0.0000e+00	0.0000e+00	0.0000e+00	-4.6472e+01	5.7540e+01	-2.5209e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-4.0336e+01	3.8025e+01	-2.8277e+01
	128	0.0000e+00	0.0000e+00	0.0000e+00	-3.7626e+01	4.1373e+01	-3.9043e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-5.1538e+01	4.9612e+01	-3.5261e+01
2404	112	0.0000e+00	0.0000e+00	0.0000e+00	-3.9101e+01	3.1149e+01	-2.4958e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-3.6244e+01	-2.4267e+01	-2.8231e+01
	127	0.0000e+00	0.0000e+00	0.0000e+00	-3.7351e+01	3.3703e+01	-2.8325e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-4.4460e+01	3.1794e+01	-2.4594e+01
2405	110	0.0000e+00	0.0000e+00	0.0000e+00	-3.3822e+01	-3.7314e+01	-2.8476e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-3.3487e+01	-4.0114e+01	-3.0721e+01
	126	0.0000e+00	0.0000e+00	0.0000e+00	-3.4790e+01	-2.6086e+01	-2.8806e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	-3.7333e+01	-2.9250e+01	-2.6571e+01
2406	108	0.0000e+00	0.0000e+00	0.0000e+00	-3.0457e+01	-6.9384e+01	-3.1945e+01

	124	0.0000e+00	0.0000e+00	0.0000e+00	-3.2606e+01	-7.3866e+01	-3.3240e+01
	125	0.0000e+00	0.0000e+00	0.0000e+00	-3.3176e+01	-4.8305e+01	-3.1138e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-3.2643e+01	-5.6952e+01	-2.9904e+01
2407	106	0.0000e+00	0.0000e+00	0.0000e+00	-2.8733e+01	-1.0572e+02	-3.4685e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-3.3169e+01	-1.1057e+02	-3.5160e+01
	124	0.0000e+00	0.0000e+00	0.0000e+00	-3.2995e+01	-8.3039e+01	-3.3371e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	-2.9817e+01	-9.2230e+01	-3.2962e+01
2408	104	0.0000e+00	0.0000e+00	0.0000e+00	-2.8404e+01	-1.4127e+02	-3.6319e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-3.4817e+01	-1.4505e+02	-3.6187e+01
	123	0.0000e+00	0.0000e+00	0.0000e+00	-3.4012e+01	-1.1983e+02	-3.4943e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-2.8449e+01	-1.2884e+02	-3.5205e+01
2409	102	0.0000e+00	0.0000e+00	0.0000e+00	-2.9357e+01	-1.7187e+02	-3.7472e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-3.7360e+01	-1.7014e+02	-3.7394e+01
	122	0.0000e+00	0.0000e+00	0.0000e+00	-3.6018e+01	-1.5358e+02	-3.5721e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-2.8242e+01	-1.6410e+02	-3.6327e+01
2410	100	0.0000e+00	0.0000e+00	0.0000e+00	-3.3428e+01	-1.8700e+02	-4.5583e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-3.8470e+01	-1.6974e+02	-4.5901e+01
	121	0.0000e+00	0.0000e+00	0.0000e+00	-3.8962e+01	-1.7661e+02	-3.7889e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-2.8958e+01	-1.9182e+02	-3.8575e+01
2411	99	0.0000e+00	0.0000e+00	0.0000e+00	4.1239e+01	-1.3552e+02	-7.3559e+01
	119	0.0000e+00	0.0000e+00	0.0000e+00	-7.3571e+01	-1.2301e+02	-6.1373e+01
	120	0.0000e+00	0.0000e+00	0.0000e+00	-3.9306e+01	-1.5737e+02	-4.0165e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	-3.2379e+01	-2.0163e+02	-5.1015e+01
2412	117	0.0000e+00	0.0000e+00	0.0000e+00	1.0535e+02	-4.3854e+01	-3.1907e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-7.7496e+01	9.7172e+01	-5.5331e+01
	118	0.0000e+00	0.0000e+00	0.0000e+00	-6.0781e+01	-5.6906e+01	-1.1220e+02
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.7414e+02	2.6554e+02	-8.4229e+01
2413	115	0.0000e+00	0.0000e+00	0.0000e+00	6.8052e+01	-5.3450e+01	-2.3677e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	5.8278e+01	5.4313e+01	-3.1994e+01
	116	0.0000e+00	0.0000e+00	0.0000e+00	-6.6637e+01	6.9128e+01	-3.8315e+01
	117	0.0000e+00	0.0000e+00	0.0000e+00	9.7407e+01	1.8122e+02	-3.2281e+01
2414	113	0.0000e+00	0.0000e+00	0.0000e+00	4.5052e+01	-8.2364e+01	-2.2020e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	4.5604e+01	-2.8073e+01	-2.8237e+01
	114	0.0000e+00	0.0000e+00	0.0000e+00	-4.7160e+01	4.3105e+01	-2.6659e+01
	115	0.0000e+00	0.0000e+00	0.0000e+00	6.4405e+01	1.2821e+02	-2.1844e+01
2415	111	0.0000e+00	0.0000e+00	0.0000e+00	2.9876e+01	-1.1645e+02	-2.4896e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	3.6338e+01	-4.1073e+01	-3.0927e+01
	112	0.0000e+00	0.0000e+00	0.0000e+00	-3.6957e+01	-2.9506e+01	-2.7856e+01
	113	0.0000e+00	0.0000e+00	0.0000e+00	4.3090e+01	8.5325e+01	-2.2117e+01
2416	109	0.0000e+00	0.0000e+00	0.0000e+00	-1.9390e+01	-1.5212e+02	-2.8664e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	2.9934e+01	-7.4157e+01	-3.4444e+01
	110	0.0000e+00	0.0000e+00	0.0000e+00	-3.0837e+01	-5.3350e+01	-3.1450e+01
	111	0.0000e+00	0.0000e+00	0.0000e+00	2.8660e+01	5.0763e+01	-2.5685e+01
2417	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.2259e+01	-1.8814e+02	-3.1964e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	2.5925e+01	-1.1053e+02	-3.7205e+01
	108	0.0000e+00	0.0000e+00	0.0000e+00	-2.7350e+01	-8.8363e+01	-3.4771e+01
	109	0.0000e+00	0.0000e+00	0.0000e+00	1.8169e+01	-3.8977e+01	-2.9521e+01
2418	105	0.0000e+00	0.0000e+00	0.0000e+00	-1.0718e+01	-2.2370e+02	-3.4592e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-2.4269e+01	-1.4672e+02	-3.8761e+01
	106	0.0000e+00	0.0000e+00	0.0000e+00	-2.5556e+01	-1.2481e+02	-3.6941e+01
	107	0.0000e+00	0.0000e+00	0.0000e+00	-1.0395e+01	-6.1497e+01	-3.2805e+01
2419	103	0.0000e+00	0.0000e+00	0.0000e+00	-1.6296e+01	-2.5866e+02	-3.7354e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-2.5824e+01	-1.7965e+02	-3.9967e+01
	104	0.0000e+00	0.0000e+00	0.0000e+00	-2.4695e+01	-1.6033e+02	-3.7998e+01
	105	0.0000e+00	0.0000e+00	0.0000e+00	-7.9329e+00	-9.4914e+01	-3.5607e+01
2420	101	0.0000e+00	0.0000e+00	0.0000e+00	-2.5992e+01	-2.9523e+02	-4.4676e+01
	100	0.0000e+00	0.0000e+00	0.0000e+00	3.6566e+01	-1.9768e+02	-4.8835e+01
	102	0.0000e+00	0.0000e+00	0.0000e+00	-2.3017e+01	-1.9440e+02	-4.1305e+01
	103	0.0000e+00	0.0000e+00	0.0000e+00	-1.3911e+01	-1.2592e+02	-3.8789e+01
2421	1	0.0000e+00	0.0000e+00	0.0000e+00	5.3107e+01	-3.4263e+02	-8.2272e+01
	99	0.0000e+00	0.0000e+00	0.0000e+00	-5.1698e+01	-1.5674e+02	-1.0068e+02
	100	0.0000e+00	0.0000e+00	0.0000e+00	3.0166e+01	-2.0933e+02	-5.0254e+01
	101	0.0000e+00	0.0000e+00	0.0000e+00	-2.2371e+01	-1.4482e+02	-4.1388e+01

Caratteristiche dei materiali

Metodo degli stati limite			
Resistenza caratteristica cubica calcestruzzo	kg/cm2	300.00	
Resistenza caratteristica acciaio	kg/cm2	4400.00	
Coefficiente di sicurezza parziale calcestruzzo		1.50	
Coefficiente di sicurezza parziale acciaio		1.15	
Coefficiente di sicurezza addizionale calcestruzzo		0.85	
Accorciamento unitario massimo nel calcestruzzo (x1000)		3.50	
Allungamento unitario massimo nell'acciaio (x1000)		10.00	

Elementi

Elemento	Spessore (cm)	Vertice	X (cm)	Y (cm)	Z (cm)
2222	30.00	1	841.40	841.00	0.00
		2	885.00	841.00	0.00
		3	885.00	885.00	0.00
		4	841.40	885.00	0.00
1922	30.00	1	841.40	3421.00	0.00
		2	885.00	3421.00	0.00
		3	885.00	3465.00	0.00
		4	841.40	3465.00	0.00
1432	30.00	1	928.43	841.00	0.00
		2	971.86	841.00	0.00
		3	971.86	885.00	0.00
		4	928.43	885.00	0.00

Sollecitazioni ai vertici degli elementi

Condizione "(1) Dinamica SLOh Y"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	5.9706e+01	6.4405e+02	4.3707e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1195e+02	9.4022e+01	-1.4146e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.1158e+02	1.7403e+03	3.4314e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2837e+02	2.4585e+02	5.1904e+02
1922	0.0000e+00	0.0000e+00	0.0000e+00	-8.6365e+01	6.1189e+02	5.2867e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8854e+02	7.8544e+01	-1.1799e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.7527e+02	1.6750e+03	3.5609e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2399e+02	2.3665e+02	5.0563e+02
1432	0.0000e+00	0.0000e+00	0.0000e+00	-2.4891e+01	4.7528e+02	-8.6353e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0855e+02	2.2493e+02	-2.1822e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7274e+01	1.2427e+02	-1.4931e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.6575e+01	1.2721e+02	-2.1422e+02

Condizione "(1) Dinamica SLOh X"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	8.1582e+02	-1.4707e+00	7.0538e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4684e+02	-4.1871e+02	6.6160e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.2527e+03	5.0178e+02	4.4647e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0314e+02	5.0842e+02	-1.4459e+02
1922	0.0000e+00	0.0000e+00	0.0000e+00	8.0780e+02	1.0762e+01	6.5201e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3716e+02	-4.1084e+02	6.5527e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.2469e+03	5.1007e+02	4.3611e+02
	0.0000e+00	0.0000e+00	0.0000e+00	8.9201e+01	5.2287e+02	-1.5396e+02
1432	0.0000e+00	0.0000e+00	0.0000e+00	-2.8559e+02	-9.9252e+01	-5.6714e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4761e+01	-9.7902e+01	-4.5275e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6246e+01	-1.6955e+02	-4.9986e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7096e+02	-2.4783e+02	-1.6385e+01

Condizione "(1) Dinamica SLVh Y"



Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	1.6075e+02	1.7340e+03	1.1768e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1091e+03	2.5314e+02	-3.8087e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1081e+03	4.6854e+03	9.2385e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8409e+02	6.6190e+02	1.3974e+03
1922	0.0000e+00	0.0000e+00	0.0000e+00	-2.3252e+02	1.6474e+03	1.4234e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0461e+03	2.1147e+02	-3.1767e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2796e+03	4.5096e+03	9.5873e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7230e+02	6.3715e+02	1.3613e+03
1432	0.0000e+00	0.0000e+00	0.0000e+00	-6.7015e+01	1.2796e+03	-2.3249e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9225e+02	6.0558e+02	-5.8754e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0036e+02	3.3458e+02	-4.0200e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2540e+02	3.4250e+02	-5.7677e+02

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	2.1965e+03	-3.8536e+00	1.8991e+02
	0.0000e+00	0.0000e+00	0.0000e+00	9.3381e+02	-1.1273e+03	1.7813e+03
	0.0000e+00	0.0000e+00	0.0000e+00	6.0650e+03	1.3510e+03	1.2021e+03
	0.0000e+00	0.0000e+00	0.0000e+00	2.7764e+02	1.3689e+03	-3.8929e+02
1922	0.0000e+00	0.0000e+00	0.0000e+00	2.1749e+03	2.8958e+01	1.7554e+02
	0.0000e+00	0.0000e+00	0.0000e+00	9.0774e+02	-1.1061e+03	1.7642e+03
	0.0000e+00	0.0000e+00	0.0000e+00	6.0493e+03	1.3733e+03	1.1742e+03
	0.0000e+00	0.0000e+00	0.0000e+00	2.4011e+02	1.4078e+03	-4.1452e+02
1432	0.0000e+00	0.0000e+00	0.0000e+00	-7.6890e+02	-2.6722e+02	-1.5269e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2049e+02	-2.6359e+02	-1.2189e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7552e+01	-4.5650e+02	-1.3440e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2952e+02	-6.6723e+02	-4.4113e+01

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	7.3273e+01	7.9039e+02	5.3639e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0555e+02	1.1539e+02	-1.7361e+02
	0.0000e+00	0.0000e+00	0.0000e+00	5.0510e+02	2.1357e+03	4.2111e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0299e+02	3.0171e+02	6.3698e+02
1922	0.0000e+00	0.0000e+00	0.0000e+00	-1.0599e+02	7.5093e+02	6.4879e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7683e+02	9.6391e+01	-1.4480e+02
	0.0000e+00	0.0000e+00	0.0000e+00	5.8327e+02	2.0556e+03	4.3701e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9761e+02	2.9043e+02	6.2052e+02
1432	0.0000e+00	0.0000e+00	0.0000e+00	-3.0547e+01	5.8328e+02	-1.0597e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3321e+02	2.7604e+02	-2.6781e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5744e+01	1.5251e+02	-1.8324e+02
	0.0000e+00	0.0000e+00	0.0000e+00	5.7158e+01	1.5612e+02	-2.6290e+02

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	1.0012e+03	-1.7921e+00	8.6566e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2565e+02	-5.1385e+02	8.1193e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.7645e+03	6.1580e+02	5.4792e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2657e+02	6.2395e+02	-1.7745e+02
1922	0.0000e+00	0.0000e+00	0.0000e+00	9.9135e+02	1.3206e+01	8.0016e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1377e+02	-5.0419e+02	8.0417e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.7574e+03	6.2597e+02	5.3520e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0946e+02	6.4168e+02	-1.8895e+02
1432	0.0000e+00	0.0000e+00	0.0000e+00	-3.5048e+02	-1.2180e+02	-6.9601e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4929e+01	-1.2015e+02	-5.5562e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4478e+01	-2.0808e+02	-6.1323e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3253e+02	-3.0414e+02	-2.0108e+01

Condizione "(1) G1"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
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2222	0.0000e+00	0.0000e+00	0.0000e+00	-3.4208e+02	-4.0086e+02	1.7105e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2309e+02	-3.1895e+01	1.6123e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0738e+03	-1.2141e+03	8.4173e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1203e+01	-6.9245e+02	9.3992e+01
1922	0.0000e+00	0.0000e+00	0.0000e+00	-3.8256e+02	-5.4574e+02	1.7091e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0923e+02	-1.3175e+02	1.7160e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1938e+03	-1.4628e+03	7.8293e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4263e+00	-8.6393e+02	7.7603e+01
1432	0.0000e+00	0.0000e+00	0.0000e+00	-2.1820e+02	-3.8876e+02	-2.3469e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.7385e+02	-3.1337e+02	-1.8254e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.0394e+02	-4.3347e+02	-5.2364e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4260e+02	-6.1505e+02	-1.0452e+02

Condizione "(1) G2"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	-8.6861e+01	-9.7201e+01	4.1135e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8585e+02	-1.0313e+01	4.5696e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5073e+02	-2.9213e+02	2.2881e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2770e+01	-1.6003e+02	1.8321e+01
1922	0.0000e+00	0.0000e+00	0.0000e+00	-1.0265e+02	-1.4099e+02	4.2036e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1353e+02	-4.3957e+01	4.8050e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8874e+02	-3.6421e+02	2.3098e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5302e+01	-2.1772e+02	1.7084e+01
1432	0.0000e+00	0.0000e+00	0.0000e+00	-7.4452e+01	-9.4709e+01	-5.4851e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7947e+01	-7.5415e+01	-4.2232e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5305e+01	-1.0466e+02	-1.0230e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6239e+01	-1.4854e+02	-2.2850e+01

Condizione "(1) Q1"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	-4.6519e+01	-4.3418e+01	1.8234e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1563e+01	-4.6211e+00	2.0249e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1990e+02	-1.3032e+02	9.9809e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4111e+01	-7.1172e+01	7.9658e+00
1922	0.0000e+00	0.0000e+00	0.0000e+00	-5.2061e+01	-6.2533e+01	1.8886e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0254e+02	-1.8801e+01	2.1844e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3561e+02	-1.6250e+02	1.0581e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3015e+01	-9.6451e+01	7.6240e+00
1432	0.0000e+00	0.0000e+00	0.0000e+00	-4.3204e+01	-4.2009e+01	-2.6235e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2188e+00	-3.3035e+01	-2.1080e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2236e-01	-4.5814e+01	-6.2912e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5501e+01	-6.6034e+01	-1.1446e+01

Condizione "(1) Q2"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	-8.6272e+00	1.0234e+00	-3.6563e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4245e+00	1.3733e-01	-1.2045e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8913e+00	2.9582e+00	1.1321e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6655e+00	1.6091e+00	-1.3197e-01
1922	0.0000e+00	0.0000e+00	0.0000e+00	-8.8756e+00	-6.9277e-01	-5.2061e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3742e+00	-1.9684e+00	-3.5420e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6683e+00	6.4271e-01	3.9223e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0246e+01	-1.4126e+00	-1.2719e-01
1432	0.0000e+00	0.0000e+00	0.0000e+00	-1.5221e+01	9.0281e-01	1.7740e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9198e+01	9.8851e-01	7.7446e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9238e+01	1.0463e+00	1.0499e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5384e+01	1.0776e+00	2.0495e-01

Condizione "(1) Q3"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	2.9268e+01	-3.2652e+00	1.7255e+00

	0.0000e+00	0.0000e+00	0.0000e+00	3.0213e+01	-3.3304e-01	1.6496e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5297e+01	-1.0197e+01	1.1179e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4031e+01	-6.2113e+00	1.1939e+00
1922	0.0000e+00	0.0000e+00	0.0000e+00	2.4718e+01	-3.8710e+00	1.1688e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5446e+01	-1.4908e+00	3.4639e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0484e+01	-9.5818e+00	-2.8047e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8020e+01	-5.9593e+00	5.4198e-01
1432	0.0000e+00	0.0000e+00	0.0000e+00	4.2685e+01	-3.9553e+00	3.6433e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.9636e+01	-4.6402e+00	5.4490e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.1446e+01	-6.2024e+00	4.7086e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4535e+01	-5.4256e+00	2.9029e+00

Condizione "(1) V+x"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	5.1219e+01	-5.7141e+00	3.0197e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.2872e+01	-5.8282e-01	2.8867e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4270e+01	-1.7845e+01	1.9564e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.9553e+01	-1.0870e+01	2.0893e+00
1922	0.0000e+00	0.0000e+00	0.0000e+00	4.3257e+01	-6.7742e+00	2.0455e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4530e+01	-2.6088e+00	6.0618e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5846e+01	-1.6768e+01	-4.9082e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9036e+01	-1.0429e+01	9.4847e-01
1432	0.0000e+00	0.0000e+00	0.0000e+00	7.4699e+01	-6.9218e+00	6.3759e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.6864e+01	-8.1203e+00	9.5358e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.0030e+01	-1.0854e+01	8.2400e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.7936e+01	-9.4948e+00	5.0801e+00

Condizione "(1) V-x"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	-7.9756e+01	8.8977e+00	-4.7021e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2330e+01	9.0753e-01	-4.4951e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8935e+01	2.7787e+01	-3.0463e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2733e+01	1.6926e+01	-3.2534e+00
1922	0.0000e+00	0.0000e+00	0.0000e+00	-6.7357e+01	1.0548e+01	-3.1851e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9340e+01	4.0623e+00	-9.4391e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5818e+01	2.6110e+01	7.6427e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6356e+01	1.6239e+01	-1.4769e+00
1432	0.0000e+00	0.0000e+00	0.0000e+00	-1.1632e+02	1.0778e+01	-9.9281e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3526e+02	1.2644e+01	-1.4849e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4019e+02	1.6902e+01	-1.2831e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2136e+02	1.4785e+01	-7.9104e+00

Condizione "(1) V+y"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	2.1110e+01	1.2678e+02	1.0060e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.8162e+01	1.3499e+01	-1.8757e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1065e+02	3.4664e+02	7.2961e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9545e+01	5.1583e+01	1.0178e+02
1922	0.0000e+00	0.0000e+00	0.0000e+00	-1.9191e+00	1.2016e+02	9.9600e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.9284e+01	1.9382e+01	-2.9310e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4871e+01	3.2158e+02	6.3620e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6767e+01	3.6631e+01	1.0289e+02
1432	0.0000e+00	0.0000e+00	0.0000e+00	1.1304e+01	9.2040e+01	-1.6703e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3627e+00	4.2214e+01	-3.1190e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3452e+01	2.0646e+01	-2.8278e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4015e+01	2.0485e+01	-4.1862e+01

Condizione "(1) V-y"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	-7.0354e+01	1.3699e+02	4.6673e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7468e+00	1.4539e+01	-2.3912e+01

	0.0000e+00	0.0000e+00	0.0000e+00	3.1601e+01	3.7850e+02	6.9467e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5589e+02	7.0994e+01	9.8046e+01
1922	0.0000e+00	0.0000e+00	0.0000e+00	-7.9164e+01	1.3225e+02	6.3073e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3410e-01	2.4041e+01	-3.0392e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1403e+00	3.5152e+02	6.4497e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4433e+02	5.5254e+01	1.0120e+02
1432	0.0000e+00	0.0000e+00	0.0000e+00	-1.2209e+02	1.0440e+02	-2.8089e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5648e+02	5.6714e+01	-2.0147e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4731e+02	4.0028e+01	-4.2992e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1516e+02	3.7440e+01	-5.0934e+01

Condizione "(1) Torcente di piano SLO"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	9.5661e+01	3.5061e+00	8.6957e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.2531e+01	-4.8547e+01	7.7037e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6616e+02	6.8032e+01	5.4182e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.9651e+00	6.1273e+01	-1.4159e+01
1922	0.0000e+00	0.0000e+00	0.0000e+00	-1.3329e+02	1.2213e+00	-1.0349e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3419e+01	6.8263e+01	-1.0896e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6950e+02	-7.5862e+01	-7.0306e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6239e+01	-8.5430e+01	2.8307e+01
1432	0.0000e+00	0.0000e+00	0.0000e+00	-3.4092e+01	-8.9129e+00	-7.4622e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3853e+00	-9.8575e+00	-5.9135e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1216e+00	-1.8990e+01	-1.7019e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2217e+01	-2.8249e+01	-3.2505e+00

Condizione "(1) Torcente di piano SLD"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	1.1740e+02	4.3027e+00	1.0672e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2195e+01	-5.9578e+01	9.4542e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2664e+02	8.3490e+01	6.6494e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2229e+01	7.5196e+01	-1.7377e+01
1922	0.0000e+00	0.0000e+00	0.0000e+00	-1.6358e+02	1.4988e+00	-1.2701e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5557e+01	8.3774e+01	-1.3372e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5347e+02	-9.3100e+01	-8.6282e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9930e+01	-1.0484e+02	3.4739e+01
1432	0.0000e+00	0.0000e+00	0.0000e+00	-4.1838e+01	-1.0938e+01	-9.1578e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8362e+00	-1.2097e+01	-7.2573e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2853e+00	-2.3306e+01	-2.0886e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9538e+01	-3.4668e+01	-3.9892e+00

Condizione "(1) Torcente di piano SLV"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
2222	0.0000e+00	0.0000e+00	0.0000e+00	2.5755e+02	9.4396e+00	2.3412e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1451e+02	-1.3070e+02	2.0741e+02
	0.0000e+00	0.0000e+00	0.0000e+00	7.1661e+02	1.8317e+02	1.4588e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.6830e+01	1.6497e+02	-3.8122e+01
1922	0.0000e+00	0.0000e+00	0.0000e+00	-3.5886e+02	3.2881e+00	-2.7864e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4382e+02	1.8379e+02	-2.9337e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9484e+02	-2.0425e+02	-1.8929e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3722e+01	-2.3001e+02	7.6212e+01
1432	0.0000e+00	0.0000e+00	0.0000e+00	-9.1787e+01	-2.3997e+01	-2.0091e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7191e+01	-2.6540e+01	-1.5921e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3789e+01	-5.1129e+01	-4.5820e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6740e+01	-7.6056e+01	-8.7516e+00

Armature

Elemento	Direzione (°)	Vertice Superiore (x 100)	Inferiore (x 100)
		x (cm) y (cm)	x (cm) y (cm)

2222	0.00	1	5.65	5.65	5.65	5.65
		2	5.65	5.65	5.65	11.31
		3	11.31	5.65	11.31	11.31
		4	11.31	5.65	11.31	5.65
1922	0.00	1	5.65	5.65	5.65	5.65
		2	5.65	5.65	5.65	11.31
		3	11.31	5.65	11.31	11.31
		4	11.31	5.65	11.31	5.65
1432	0.00	1	5.65	5.65	5.65	5.65
		2	5.65	5.65	5.65	5.65
		3	5.65	5.65	5.65	5.65
		4	11.31	5.65	11.31	5.65

### Verifica flesso-membranale

Elemento	Vertice	Combinazione	DirM(°)	DirN(°)	n1 (kg)	n2 (kg)	m1 (kgxcm)	m2 (kgxcm)	Coeff. sicurezza
2222	3	16	-0.00	-57.73	0.00	0.00	1399.51	4794.90	1.28
1922	3	12	0.00	-51.26	0.00	0.00	1380.97	4652.96	1.38
1432	1	48	0.00	-174.70	0.00	0.00	-1878.37	-541.27	3.62

Minimo fattore di sicurezza: 1.281960 >= 1.00

Per ogni elemento di indice **Elemento** vengono esposti i dati relativi alla verifica per la combinazione **Combinazione** al vertice **Vertice** che ha comportato il minor coefficiente di sicurezza. Vengono riportati anche i valori limite relativi agli angoli di fessurazione superiore ed inferiore **DirSup** e **DirInf** delle azioni membranali **n1** e **n2** e dei momenti **m1** e **m2** relativi a tali piani di fessurazione.

### Verifica a taglio

Elemento	Combinazione	Inc.Arm. %	Tud	Tur	Coeff. sicurezza
2222	34	0.02	222.09	222.09	1.01
1922	38	0.03	232.98	232.98	1.01
1432	39	0.00	44.51	132.75	2.98

Minimo fattore di sicurezza: 1.010000 >= 1.00

Per ogni elemento di indice **Elemento** vengono esposti i dati relativi alla verifica per la combinazione **Combinazione** che ha comportato il minor coefficiente di sicurezza. Viene riportata l'incidenza di armatura **Inc.Arm %** in percentuale e se tale valore è nullo, non è necessaria armatura per il taglio e il taglio resistente è calcolato per l'elemento non armato. Vengono inoltre riportati il taglio di progetto per unità di lunghezza **Tud** ed il taglio resistente **Tur**

### Verifica punzonamento

Col.	Estr.	Lato y	Lato z	Spess.	Arm. y	Arm. z	Tau resist.	Cdc.	Taglio ag.	Taglio res.	F.S.
2476	Inf.	30.00	30.00	30.00	0.06	0.11	4.35	38	11204.66	53896.33	2.64
2499	Inf.	30.00	30.00	30.00	0.06	0.11	4.35	34	10176.85	53896.33	2.89

### Verifica stato limite esercizio: fessurazione

Elemento	Vertice	Superiore			Inferiore			Tipo
		Ampiezza (mm)	Distanza (mm)	Incl. (°)	Ampiezza (mm)	Distanza (mm)	Incl. (°)	
2222	1	0.000	210.59	45.00	0.043	210.59	-42.07	freq
	1	0.000	210.59	45.00	0.045	210.59	-45.79	qprm
	2	0.007	210.59	1.38	0.035	210.59	-80.71	freq
	2	0.008	210.59	1.36	0.037	210.59	-81.49	qprm
	3	0.000	210.59	55.70	0.033	143.66	-41.58	freq
	3	0.000	210.59	55.70	0.034	143.66	-43.42	qprm
	4	0.002	210.59	86.82	0.030	210.59	-5.91	freq
	4	0.004	210.59	88.06	0.032	210.59	-11.73	qprm
1922	1	0.000	210.59	45.00	0.052	210.59	-37.81	freq
	1	0.000	210.59	45.00	0.053	210.59	-40.71	qprm
	2	0.002	210.59	5.16	0.039	210.59	-76.87	freq
	2	0.002	210.59	4.82	0.041	210.59	-77.69	qprm
	3	0.000	210.59	55.70	0.039	143.66	-39.40	freq
	3	0.000	210.59	55.70	0.039	143.66	-40.76	qprm

1432	4	0.002	210.59	86.53	0.036	210.59	-3.80	freq
	4	0.003	210.59	87.80	0.039	210.59	-8.92	qprm
	1	0.000	210.59	-56.27	0.044	210.59	36.99	freq
	1	0.003	210.59	-87.05	0.047	210.59	42.54	qprm
	2	0.019	210.59	-89.47	0.028	210.59	3.08	freq
	2	0.023	210.59	-89.55	0.029	210.59	16.56	qprm
	3	0.014	210.59	-89.25	0.027	210.59	0.38	freq
	3	0.017	210.59	-89.41	0.027	210.59	0.37	qprm
	4	0.000	210.59	-55.70	0.028	210.59	15.02	freq
	4	0.000	210.59	-68.63	0.030	210.59	21.75	qprm

#### Verifica stato limite esercizio: tensioni calcestruzzo

Elemento	Vertice	Rara		Quasi Permanente	
		Tensione	Comb.	Tensione	Comb.
2222	1	-18.880	25	-18.226	34
	2	-20.242	25	-19.472	34
	3	-29.194	25	-27.932	34
	4	-18.452	12	-18.428	33
1922	1	-20.637	25	-19.810	34
	2	-21.296	25	-20.450	34
	3	-31.657	25	-30.214	34
	4	-19.829	24	-19.731	33
1432	1	-19.194	25	-18.693	34
	2	-16.477	25	-15.892	34
	3	-13.779	23	-13.571	32
	4	-18.391	23	-18.114	32

#### Verifica stato limite esercizio: tensioni acciaio

Elemento	Vertice	Rara		Quasi Permanente	
		Tensione	Comb.	Tensione	Comb.
2222	1	530.389	26	489.825	31
	2	865.636	25	814.645	34
	3	613.911	26	566.543	31
	4	733.213	24	691.323	33
1922	1	676.017	26	620.746	31
	2	959.714	25	896.162	34
	3	737.102	26	676.832	31
	4	904.375	24	848.413	33
1432	1	573.044	25	526.204	31
	2	453.183	25	417.365	34
	3	443.604	24	410.293	33
	4	667.794	24	619.838	33